

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121225\
 Data File : BF144455.D
 Acq On : 12 Dec 2025 17:36
 Operator : RC/JU
 Sample : PB170916BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170916BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 12/15/2025
 Supervised By :Jagrut Upadhyay 12/15/2025

Quant Time: Dec 12 23:31:28 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 12 15:57:03 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	215724	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	872395	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	471990	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	766320	20.000	ng	0.00
76) Chrysene-d12	13.945	240	437655	20.000	ng	0.00
86) Perylene-d12	15.380	264	454153	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	1614955	112.878	ng	0.01
7) Phenol-d6	6.422	99	2035102	114.040	ng	0.00
23) Nitrobenzene-d5	7.357	82	1237946	88.799	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	561817	131.658	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	2300964	74.787	ng	0.00
79) Terphenyl-d14	12.898	244	2164576	78.084	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.563	88	246673	35.855	ng	99
3) Pyridine	3.298	79	572944	30.287	ng	99
4) n-Nitrosodimethylamine	3.240	42	343837	41.823	ng	98
6) Aniline	6.457	93	678391	27.252	ng	99
8) 2-Chlorophenol	6.575	128	666942	43.480	ng	99
9) Benzaldehyde	6.339	77	269969	19.324	ng	99
10) Phenol	6.434	94	842261	39.990	ng	99
11) bis(2-Chloroethyl)ether	6.534	93	614221	39.898	ng	100
12) 1,3-Dichlorobenzene	6.734	146	665178	40.137	ng	100
13) 1,4-Dichlorobenzene	6.810	146	679537	40.866	ng	99
14) 1,2-Dichlorobenzene	6.963	146	654519	41.448	ng	99
15) Benzyl Alcohol	6.934	79	585914	44.545	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.075	45	1027248	39.540	ng	100
17) 2-Methylphenol	7.045	107	551574	42.658	ng	99
18) Hexachloroethane	7.310	117	240706	41.662	ng	98
19) n-Nitroso-di-n-propyla...	7.210	70	469767	41.674	ng	99
20) 3+4-Methylphenols	7.198	107	673738	42.408	ng	96
22) Acetophenone	7.204	105	963007	44.503	ng	100
24) Nitrobenzene	7.375	77	691086	45.696	ng	99
25) Isophorone	7.616	82	1297958	41.254	ng	99
26) 2-Nitrophenol	7.692	139	310542	47.263	ng	99
27) 2,4-Dimethylphenol	7.728	122	635841	42.355	ng	99
28) bis(2-Chloroethoxy)met...	7.828	93	788856	40.690	ng	100
29) 2,4-Dichlorophenol	7.928	162	547680	43.907	ng	100
30) 1,2,4-Trichlorobenzene	8.016	180	572012	42.280	ng	99
31) Naphthalene	8.098	128	1871516	39.860	ng	100
32) Benzoic acid	7.851	122	447123	49.005	ng	99
33) 4-Chloroaniline	8.145	127	402673	21.336	ng	99
34) Hexachlorobutadiene	8.216	225	330777	39.542	ng	98
35) Caprolactam	8.510	113	192862m	46.821	ng	
36) 4-Chloro-3-methylphenol	8.622	107	594256	43.886	ng	98
37) 2-Methylnaphthalene	8.786	142	1147837	37.157	ng	99
38) 1-Methylnaphthalene	8.886	142	1173817	39.023	ng	100
40) 1,2,4,5-Tetrachloroben...	8.957	216	600704	44.719	ng	99
41) Hexachlorocyclopentadiene	8.945	237	522945	65.780	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	392967	46.067	ng	100

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 Response via : Initial Calibration

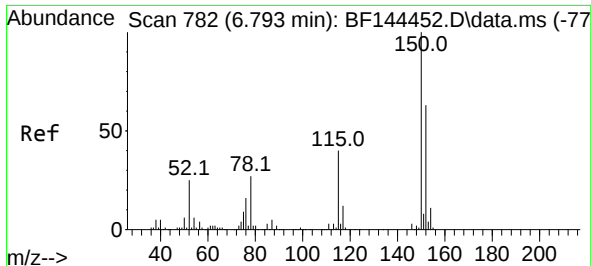
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	398091	44.464	ng	99
46) 1,1'-Biphenyl	9.257	154	1641813	44.511	ng	100
47) 2-Chloronaphthalene	9.280	162	1132649	40.224	ng	100
48) 2-Nitroaniline	9.369	65	365559	45.468	ng	98
49) Acenaphthylene	9.692	152	1855946	41.601	ng	100
50) Dimethylphthalate	9.557	163	1357617	42.583	ng	100
51) 2,6-Dinitrotoluene	9.616	165	293110	49.992	ng	100
52) Acenaphthene	9.863	154	1231676	44.279	ng	100
53) 3-Nitroaniline	9.780	138	235190	33.854	ng	100
54) 2,4-Dinitrophenol	9.886	184	234268	84.851	ng	# 45
55) Dibenzofuran	10.039	168	1627675	41.126	ng	99
56) 4-Nitrophenol	9.933	139	467301	86.069	ng	98
57) 2,4-Dinitrotoluene	10.016	165	382524	47.939	ng	98
58) Fluorene	10.380	166	1219641	40.696	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	339465	49.949	ng	99
60) Diethylphthalate	10.257	149	1296737	42.915	ng	100
61) 4-Chlorophenyl-phenyle...	10.374	204	593925	40.391	ng	99
62) 4-Nitroaniline	10.392	138	277396	39.808	ng	98
63) Azobenzene	10.533	77	1337802	41.892	ng	100
65) 4,6-Dinitro-2-methylph...	10.422	198	169512	48.809	ng	97
66) n-Nitrosodiphenylamine	10.492	169	1113521	42.402	ng	100
67) 4-Bromophenyl-phenylether	10.863	248	375267	41.947	ng	99
68) Hexachlorobenzene	10.922	284	417250	42.250	ng	100
69) Atrazine	11.016	200	372629	45.300	ng	100
70) Pentachlorophenol	11.116	266	490074	87.000	ng	99
71) Phenanthrene	11.339	178	1788141	40.475	ng	99
72) Anthracene	11.392	178	1787809	39.983	ng	100
73) Carbazole	11.539	167	1558875	40.158	ng	100
74) Di-n-butylphthalate	11.880	149	1900734	45.806	ng	100
75) Fluoranthene	12.521	202	1723223	39.500	ng	100
77) Benzidine	12.645	184	105970	6.800	ng	100
78) Pyrene	12.751	202	1711935	42.695	ng	99
80) Butylbenzylphthalate	13.374	149	614174	46.407	ng	98
81) Benzo(a)anthracene	13.933	228	1321277	42.870	ng	100
82) 3,3'-Dichlorobenzidine	13.898	252	328675	37.635	ng	99
83) Chrysene	13.974	228	1140932	40.449	ng	99
84) Bis(2-ethylhexyl)phtha...	13.939	149	725596	47.059	ng	99
85) Di-n-octyl phthalate	14.545	149	1200791	50.168	ng	99
87) Indeno(1,2,3-cd)pyrene	16.798	276	1476152	45.283	ng	99
88) Benzo(b)fluoranthene	14.968	252	1316693	44.163	ng	100
89) Benzo(k)fluoranthene	14.998	252	1261417	44.745	ng	99
90) Benzo(a)pyrene	15.321	252	1243123	47.701	ng	99
91) Dibenzo(a,h)anthracene	16.821	278	1189334	45.177	ng	99
92) Benzo(g,h,i)perylene	17.227	276	1186128	44.311	ng	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

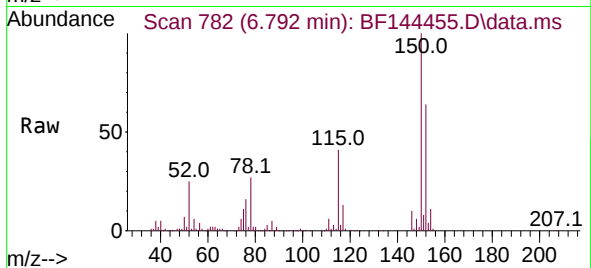
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 782
 Delta R.T. -0.001 min
 Lab File: BF144455.D
 Acq: 12 Dec 2025 17:36

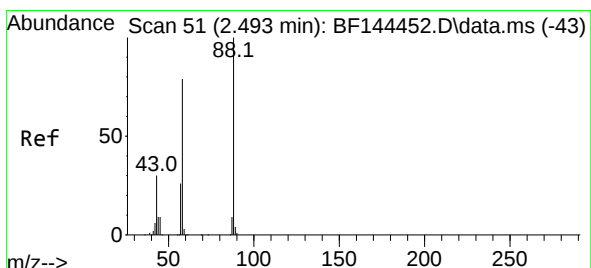
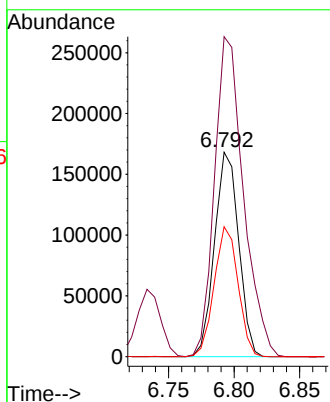
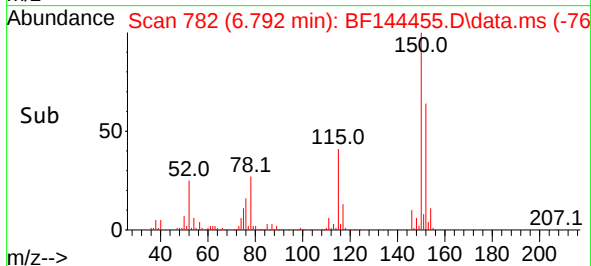
Instrument :
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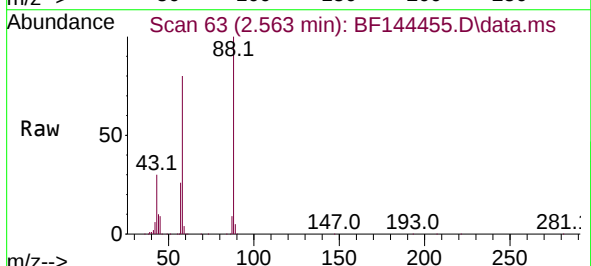
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 Ion Ratio Lower Upper
 152 100
 150 156.5 127.4 191.2
 115 63.5 51.4 77.0

Manual Integrations
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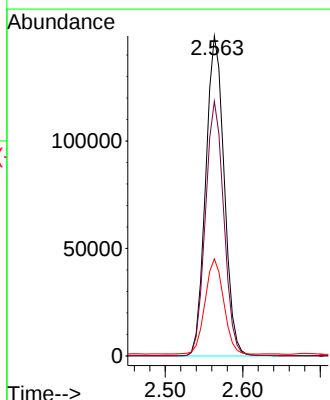
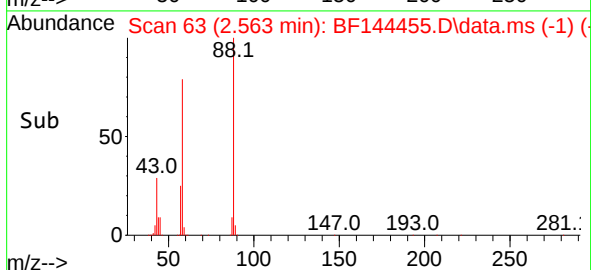
Reviewed By :Rahul Chavli 12/15/2025
 Supervised By :Jagrut Upadhyay 12/15/2025

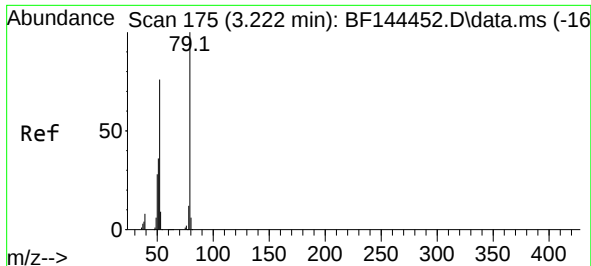


#2
 1,4-Dioxane
 Concen: 35.855 ng
 RT: 2.563 min Scan# 63
 Delta R.T. 0.070 min
 Lab File: BF144455.D
 Acq: 12 Dec 2025 17:36



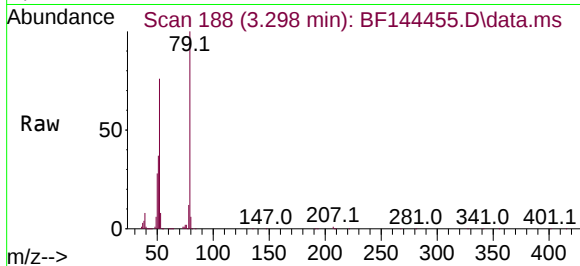
Tgt Ion: 88 Resp: 246673
 Ion Ratio Lower Upper
 88 100
 58 78.7 63.9 95.9
 43 29.9 24.2 36.4





#3
Pyridine
Concen: 30.287 ng
RT: 3.298 min Scan# 188
Delta R.T. 0.076 min
Lab File: BF144455.D
Acq: 12 Dec 2025 17:36

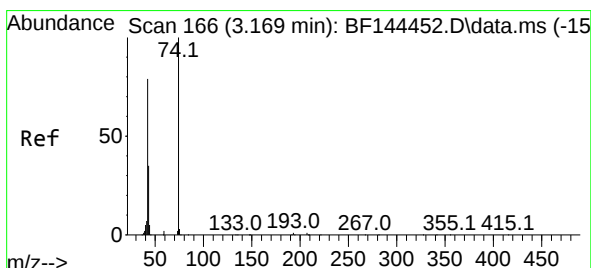
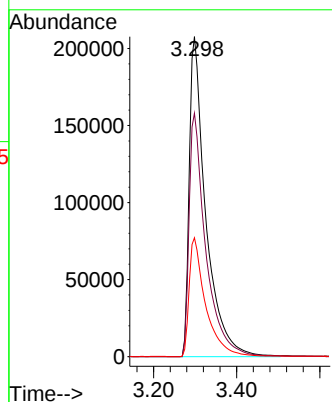
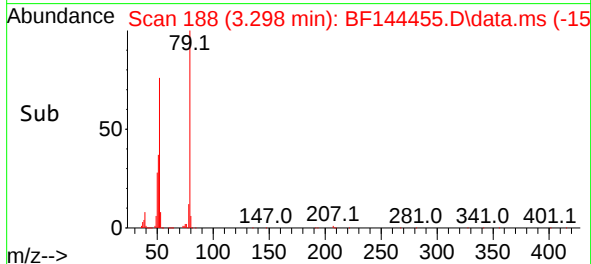
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Tgt Ion: 79 Resp: 572944
Ion Ratio Lower Upper
79 100
52 76.1 60.5 90.7
51 37.1 29.0 43.6

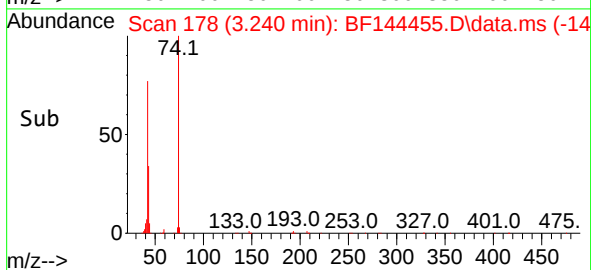
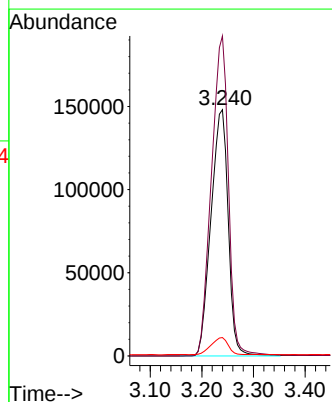
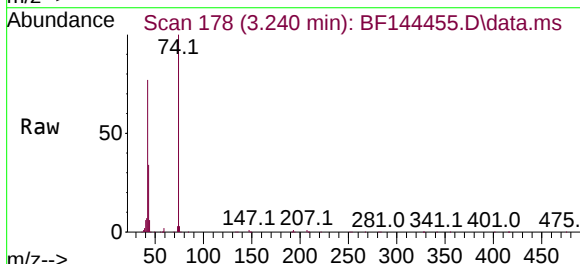
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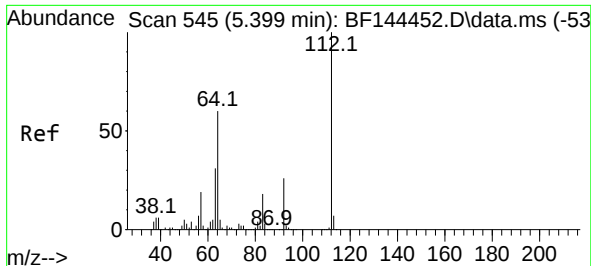
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#4
n-Nitrosodimethylamine
Concen: 41.823 ng
RT: 3.240 min Scan# 178
Delta R.T. 0.070 min
Lab File: BF144455.D
Acq: 12 Dec 2025 17:36

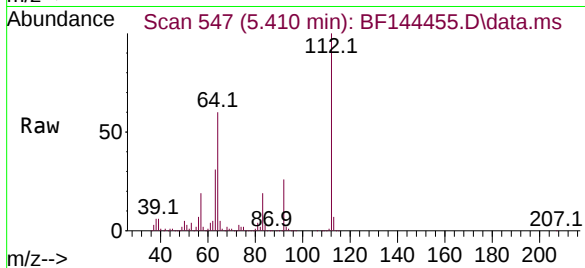
Tgt Ion: 42 Resp: 343837
Ion Ratio Lower Upper
42 100
74 130.0 101.8 152.8
44 7.5 5.7 8.5





#5
2-Fluorophenol
Concen: 112.878 ng
RT: 5.410 min Scan# 545
Delta R.T. 0.012 min
Lab File: BF144455.D
Acq: 12 Dec 2025 17:36

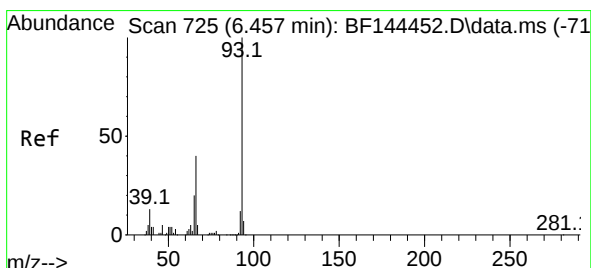
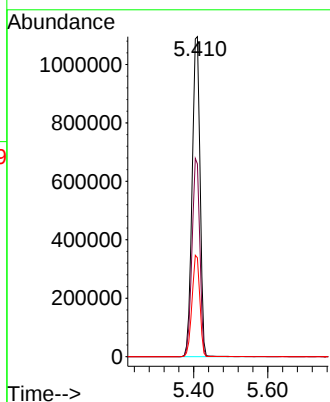
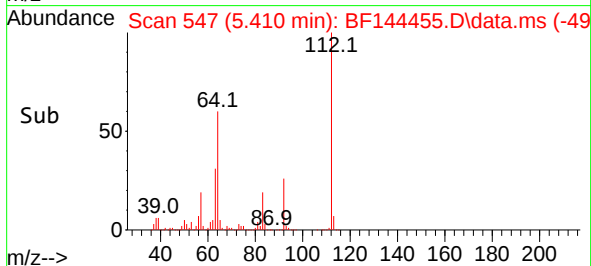
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Tgt Ion:112 Resp: 1614955
Ion Ratio Lower Upper
112 100
64 60.2 47.8 71.6
63 30.9 24.6 37.0

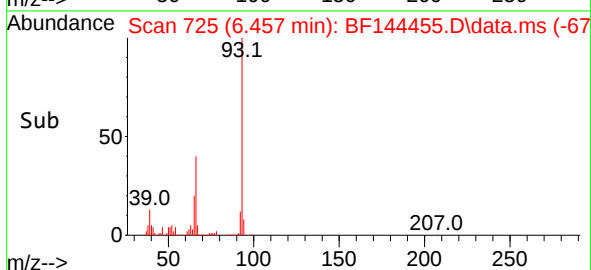
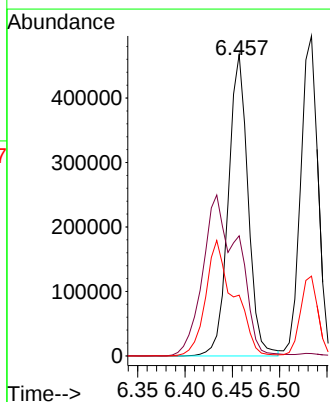
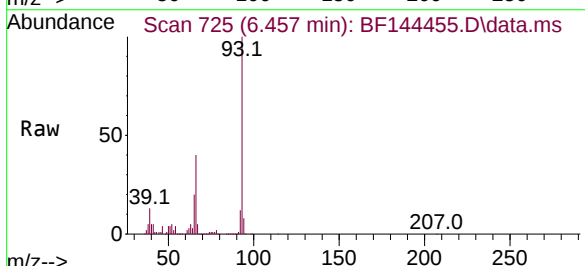
Manual Integrations
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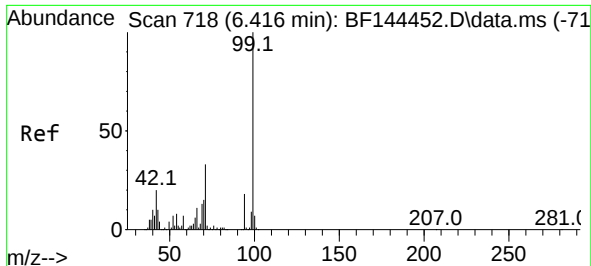
Reviewed By :Rahul Chavli 12/15/2025
Supervised By :Jagrut Upadhyay 12/15/2025



#6
Aniline
Concen: 27.252 ng
RT: 6.457 min Scan# 725
Delta R.T. -0.000 min
Lab File: BF144455.D
Acq: 12 Dec 2025 17:36

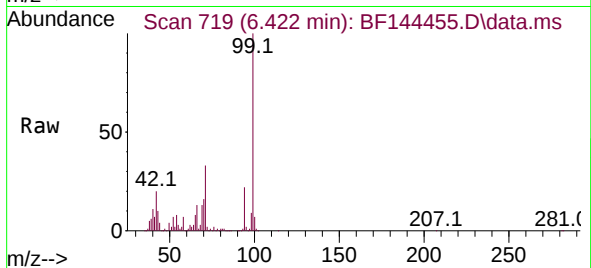
Tgt Ion: 93 Resp: 678391
Ion Ratio Lower Upper
93 100
66 39.8 32.4 48.6
65 20.1 16.1 24.1





#7
Phenol-d6
Concen: 114.040 ng
RT: 6.422 min Scan# 718
Delta R.T. 0.006 min
Lab File: BF144455.D
Acq: 12 Dec 2025 17:36

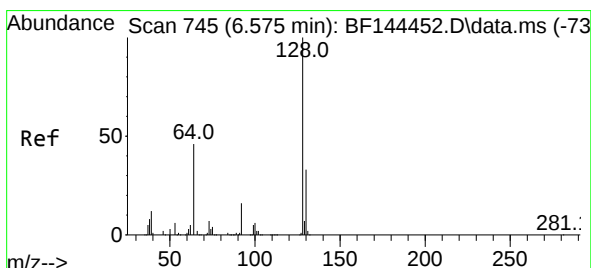
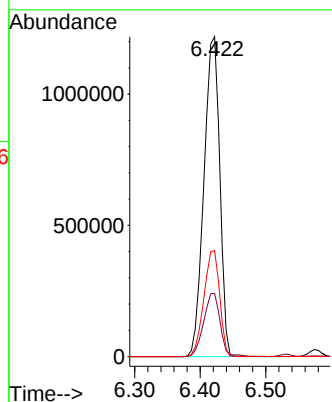
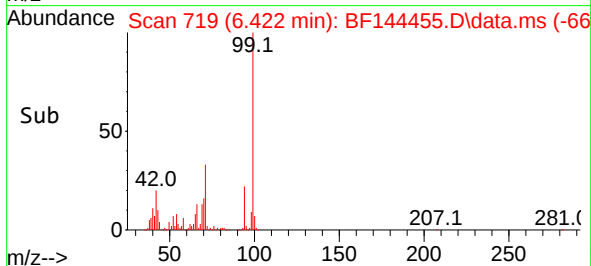
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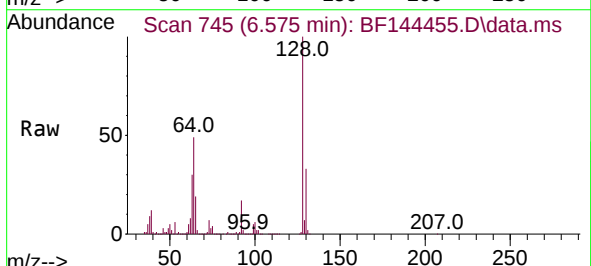
Tgt Ion: 99 Resp: 2035102
Ion Ratio Lower Upper
99 100
42 19.8 15.7 23.5
71 33.1 26.4 39.6

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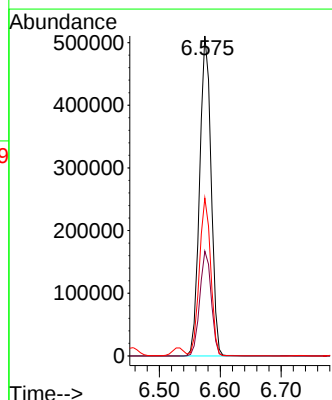
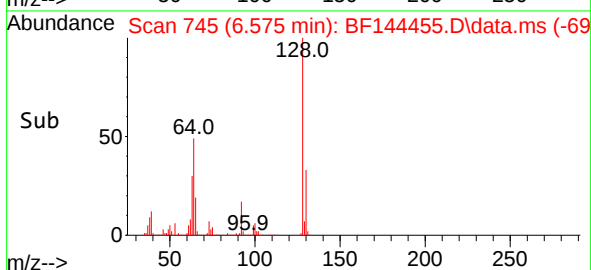
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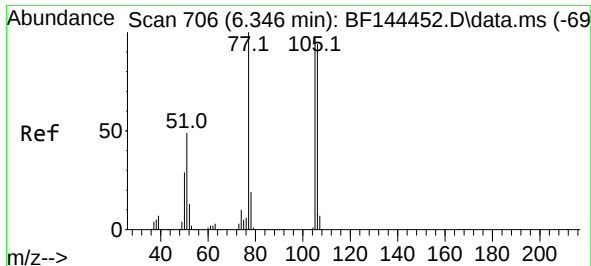


#8
2-Chlorophenol
Concen: 43.480 ng
RT: 6.575 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF144455.D
Acq: 12 Dec 2025 17:36



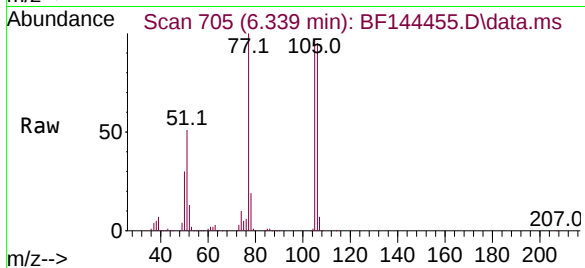
Tgt Ion:128 Resp: 666942
Ion Ratio Lower Upper
128 100
130 32.7 13.0 53.0
64 49.3 28.9 68.9





#9
Benzaldehyde
Concen: 19.324 ng
RT: 6.339 min Scan# 705
Delta R.T. -0.006 min
Lab File: BF144455.D
Acq: 12 Dec 2025 17:36

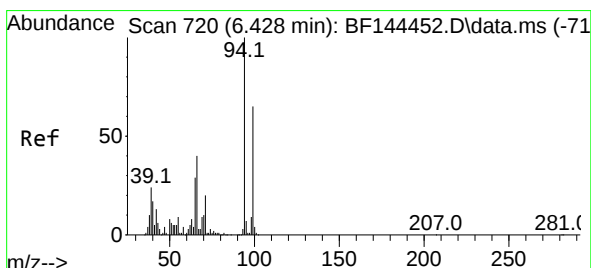
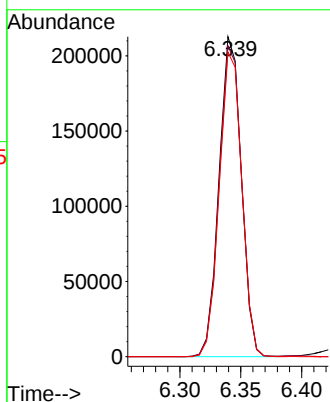
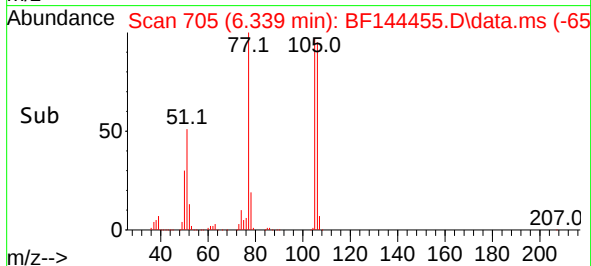
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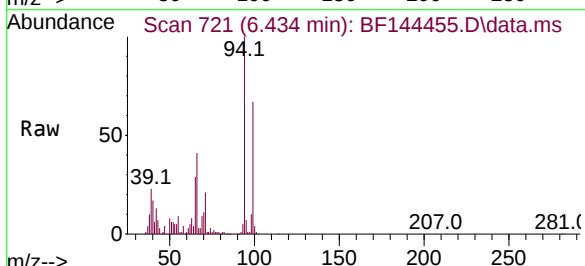
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Ion Ratio Lower Upper
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106 95.2 74.1 114.1

Manual Integrations
APPROVED

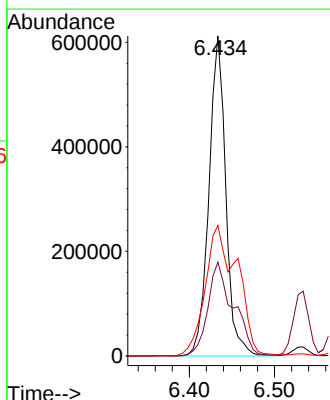
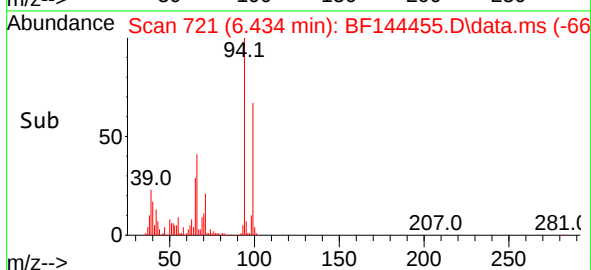
Reviewed By :Rahul Chavli 12/15/2025
Supervised By :Jagrut Upadhyay 12/15/2025

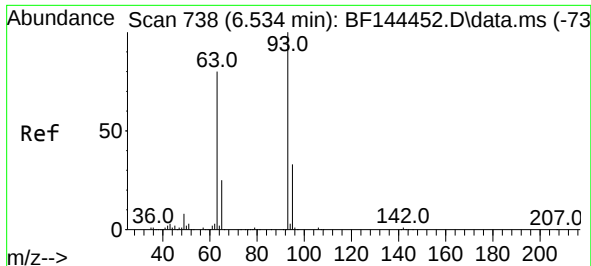


#10
Phenol
Concen: 39.990 ng
RT: 6.434 min Scan# 721
Delta R.T. 0.006 min
Lab File: BF144455.D
Acq: 12 Dec 2025 17:36



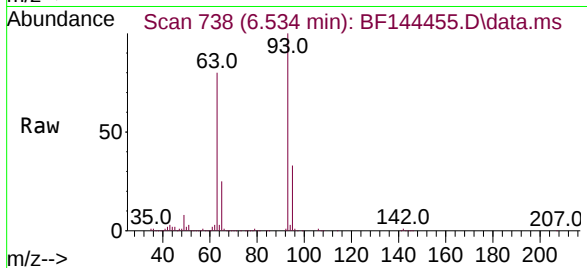
Tgt Ion: 94 Resp: 842261
Ion Ratio Lower Upper
94 100
65 29.3 9.1 49.1
66 40.8 20.3 60.3





#11
bis(2-Chloroethyl)ether
Concen: 39.898 ng
RT: 6.534 min Scan# 738
Delta R.T. -0.000 min
Lab File: BF144455.D
Acq: 12 Dec 2025 17:36

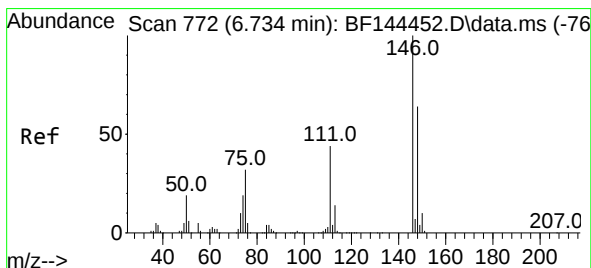
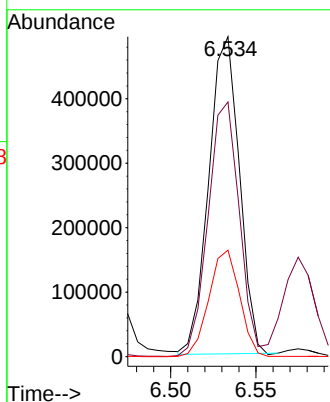
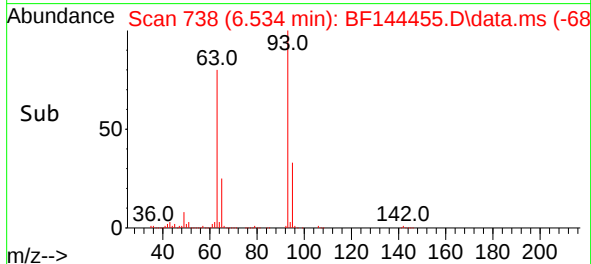
Instrument :
BNA_F
ClientSampleId :
PB170916BS



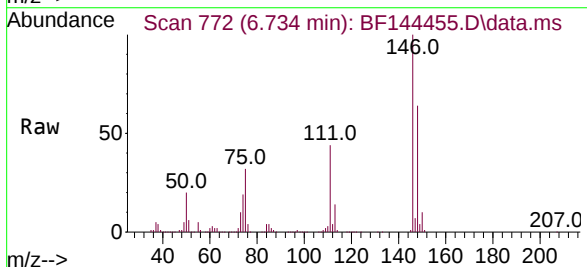
Tgt Ion: 93 Resp: 61422
Ion Ratio Lower Upper
93 100
63 79.6 59.8 99.8
95 33.3 13.0 53.0

Manual Integrations
APPROVED

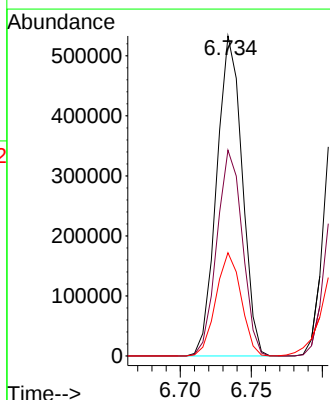
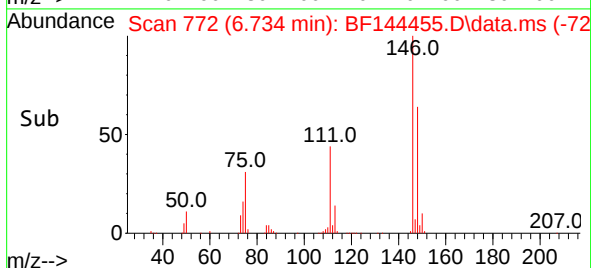
Reviewed By :Rahul Chavli 12/15/2025
Supervised By :Jagrut Upadhyay 12/15/2025

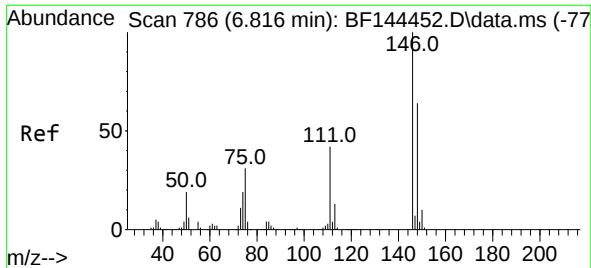


#12
1,3-Dichlorobenzene
Concen: 40.137 ng
RT: 6.734 min Scan# 772
Delta R.T. -0.000 min
Lab File: BF144455.D
Acq: 12 Dec 2025 17:36



Tgt Ion:146 Resp: 665178
Ion Ratio Lower Upper
146 100
148 64.3 51.0 76.6
75 32.2 25.8 38.8





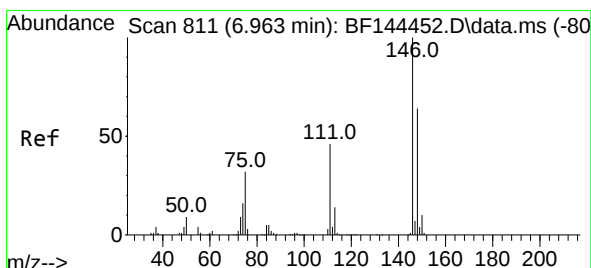
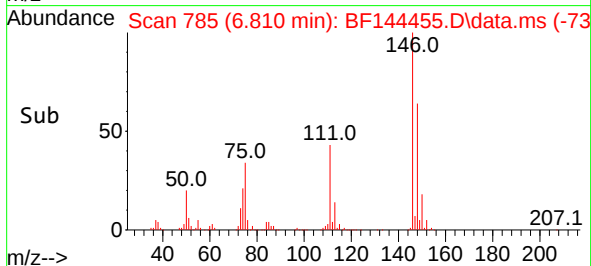
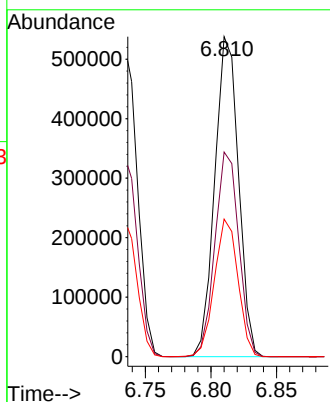
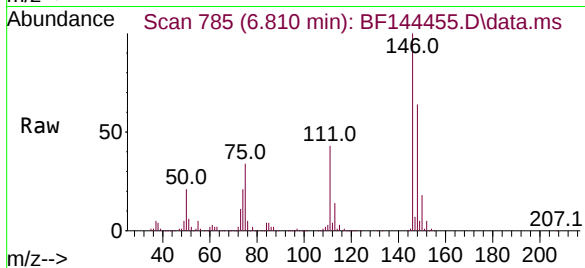
#13
1,4-Dichlorobenzene
Concen: 40.866 ng
RT: 6.810 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF144455.D
Acq: 12 Dec 2025 17:36

Instrument :
BNA_F
ClientSampleId :
PB170916BS

Tgt Ion:146 Resp: 67953
Ion Ratio Lower Upper
146 100
148 63.9 51.4 77.2
111 43.0 33.8 50.8

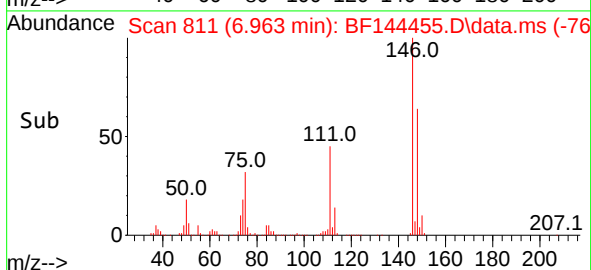
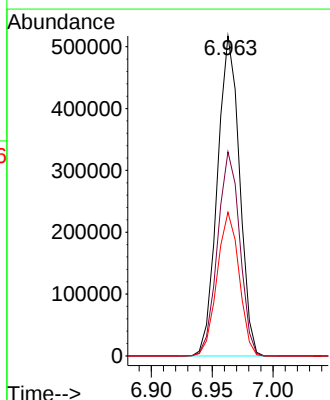
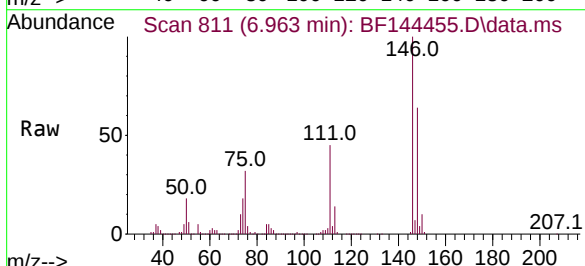
Manual Integrations
APPROVED

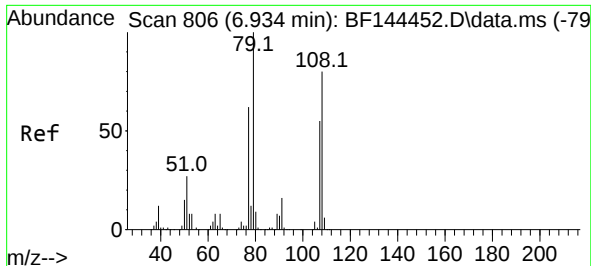
Reviewed By :Rahul Chavli 12/15/2025
Supervised By :Jagrut Upadhyay 12/15/2025



#14
1,2-Dichlorobenzene
Concen: 41.448 ng
RT: 6.963 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF144455.D
Acq: 12 Dec 2025 17:36

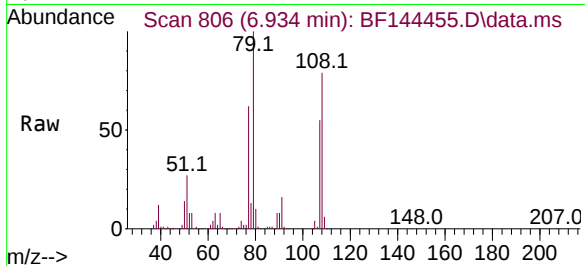
Tgt Ion:146 Resp: 654519
Ion Ratio Lower Upper
146 100
148 63.8 51.4 77.2
111 44.9 36.5 54.7





#15
Benzyl Alcohol
Concen: 44.545 ng
RT: 6.934 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF144455.D
Acq: 12 Dec 2025 17:36

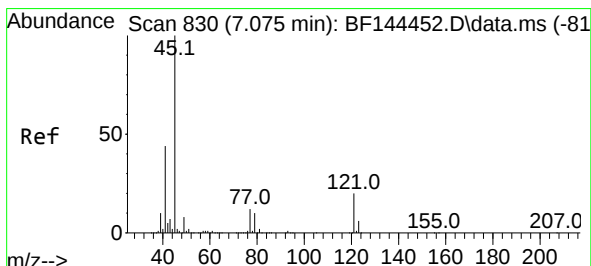
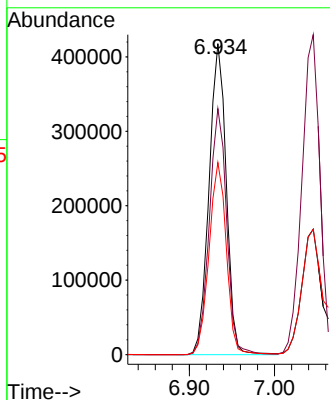
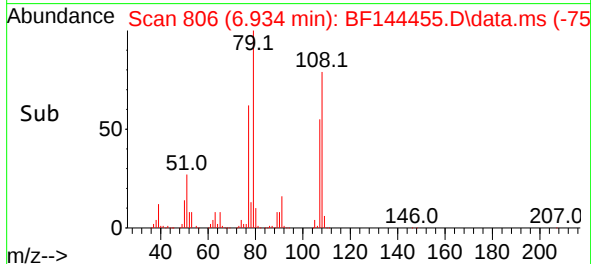
Instrument :
BNA_F
ClientSampleId :
PB170916BS



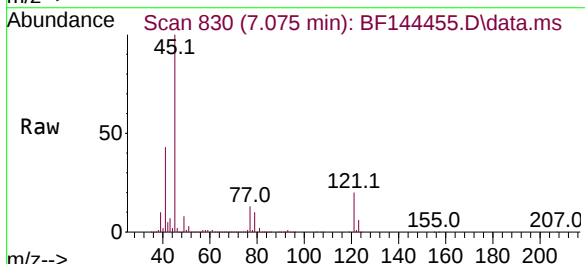
Tgt Ion: 79 Resp: 585914
Ion Ratio Lower Upper
79 100
108 79.1 63.7 95.5
77 61.8 49.3 73.9

Manual Integrations
APPROVED

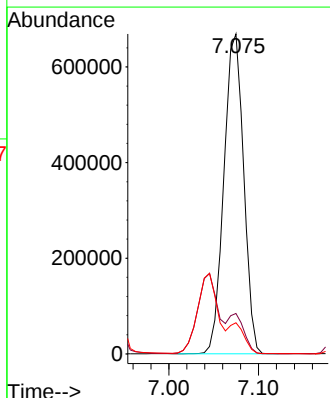
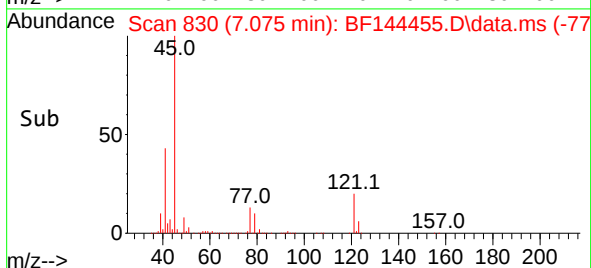
Reviewed By :Rahul Chavli 12/15/2025
Supervised By :Jagrut Upadhyay 12/15/2025

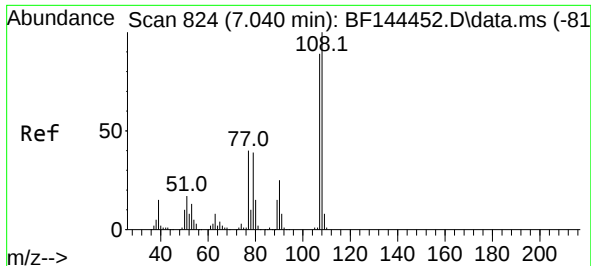


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.540 ng
RT: 7.075 min Scan# 830
Delta R.T. -0.000 min
Lab File: BF144455.D
Acq: 12 Dec 2025 17:36



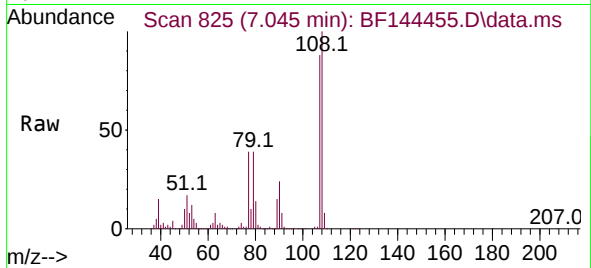
Tgt Ion: 45 Resp: 1027248
Ion Ratio Lower Upper
45 100
77 12.6 0.0 32.6
79 9.7 0.0 29.9





#17
2-Methylphenol
Concen: 42.658 ng
RT: 7.045 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF144455.D
Acq: 12 Dec 2025 17:36

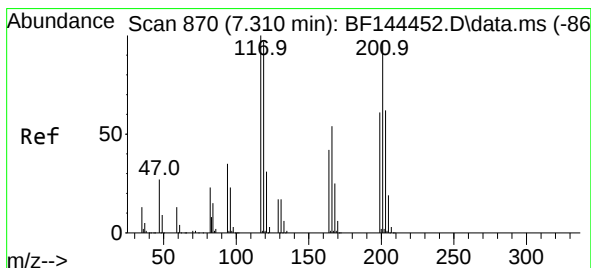
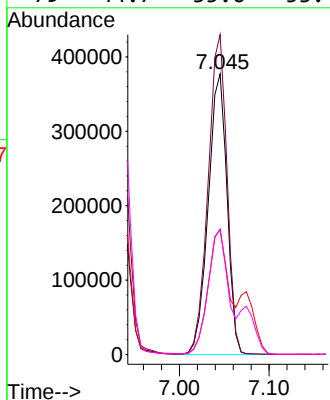
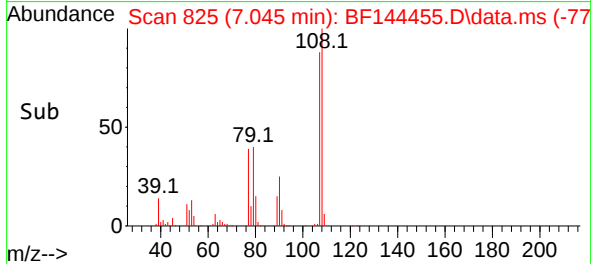
Instrument :
BNA_F
ClientSampleId :
PB170916BS



Tgt Ion:107 Resp: 551574
Ion Ratio Lower Upper
107 100
108 114.0 89.9 134.9
77 44.6 35.7 53.5
79 44.7 35.6 53.4

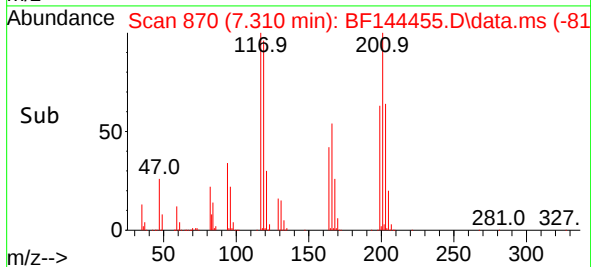
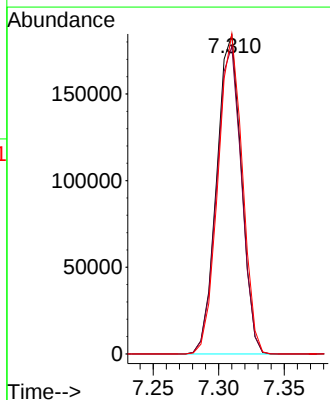
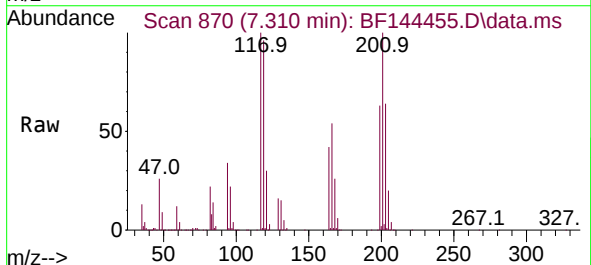
Manual Integrations
APPROVED

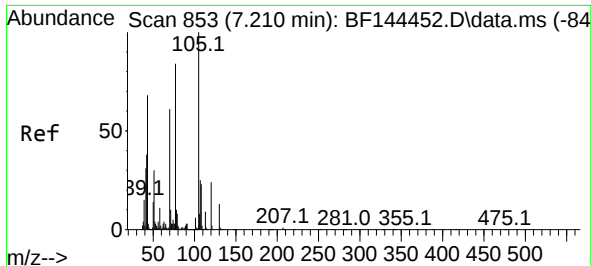
Reviewed By :Rahul Chavli 12/15/2025
Supervised By :Jagrut Upadhyay 12/15/2025



#18
Hexachloroethane
Concen: 41.662 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.000 min
Lab File: BF144455.D
Acq: 12 Dec 2025 17:36

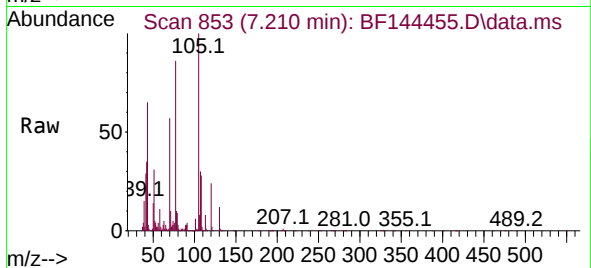
Tgt Ion:117 Resp: 240706
Ion Ratio Lower Upper
117 100
119 96.4 77.5 116.3
201 100.3 77.3 115.9





#19
n-Nitroso-di-n-propylamine
Concen: 41.674 ng
RT: 7.210 min Scan# 853
Delta R.T. -0.000 min
Lab File: BF144455.D
Acq: 12 Dec 2025 17:36

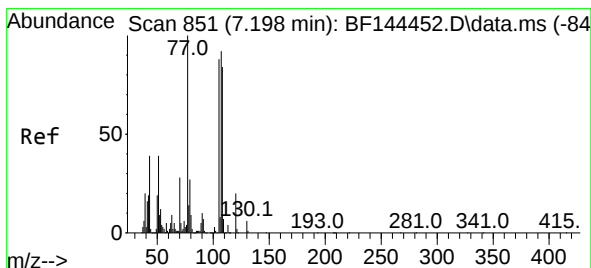
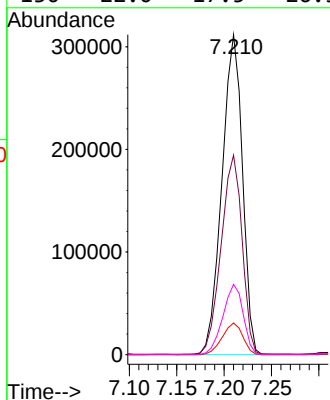
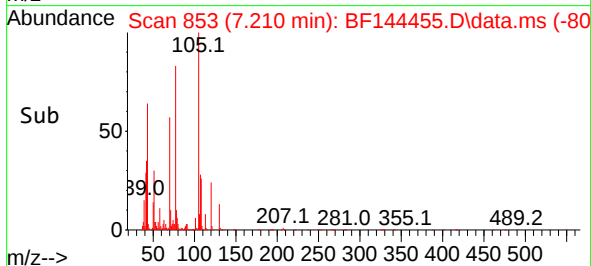
Instrument :
BNA_F
ClientSampleId :
PB170916BS



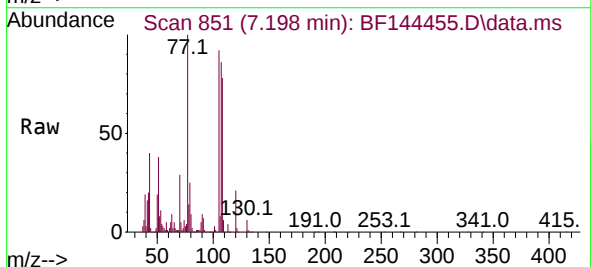
Tgt Ion: 70 Resp: 469762
Ion Ratio Lower Upper
70 100
42 62.3 49.4 74.0
101 9.9 7.8 11.6
130 22.0 17.5 26.3

Manual Integrations
APPROVED

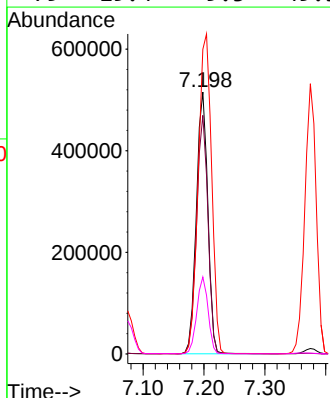
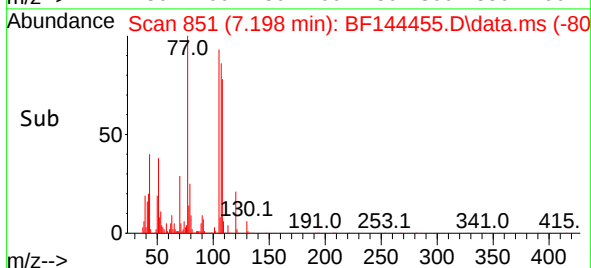
Reviewed By :Rahul Chavli 12/15/2025
Supervised By :Jagrut Upadhyay 12/15/2025

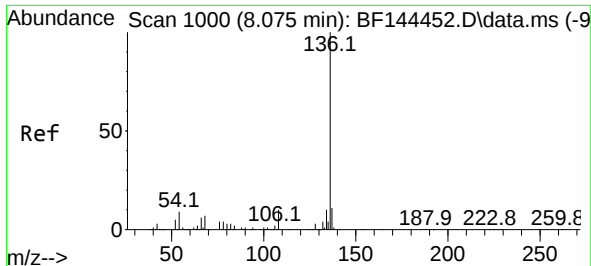


#20
3+4-Methylphenols
Concen: 42.408 ng
RT: 7.198 min Scan# 851
Delta R.T. -0.000 min
Lab File: BF144455.D
Acq: 12 Dec 2025 17:36



Tgt Ion:107 Resp: 673738
Ion Ratio Lower Upper
107 100
108 91.1 71.5 111.5
77 116.3 88.5 128.5
79 29.4 9.3 49.3





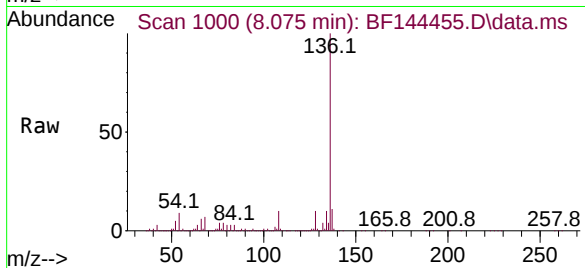
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1000
Delta R.T. -0.000 min
Lab File: BF144455.D
Acq: 12 Dec 2025 17:36

Instrument :

BNA_F

ClientSampleId :

PB170916BS

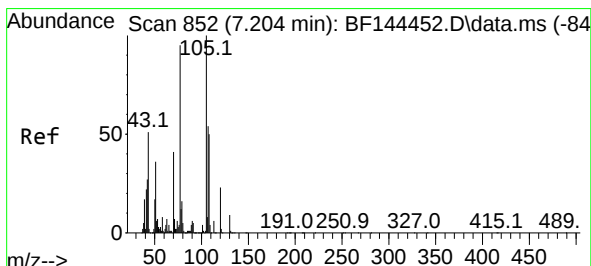
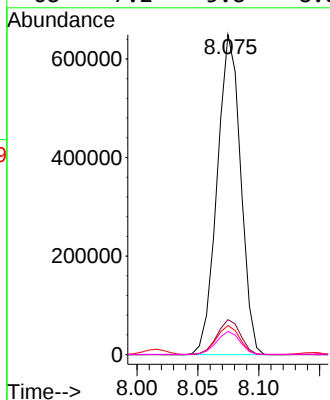
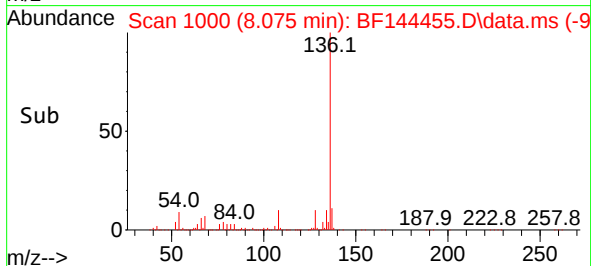


Tgt Ion:136 Resp: 872395
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 9.1 7.5 11.3
68 7.2 5.8 8.8

Manual Integrations

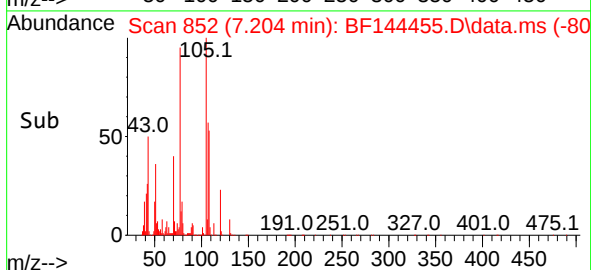
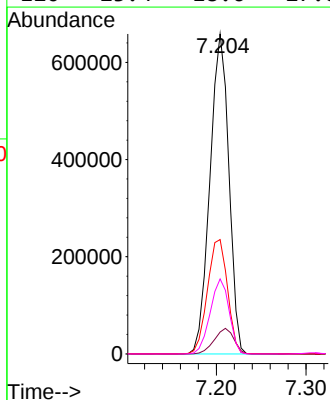
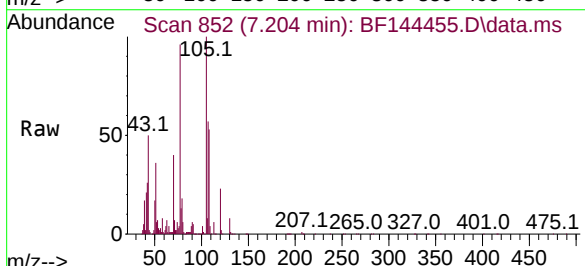
APPROVED

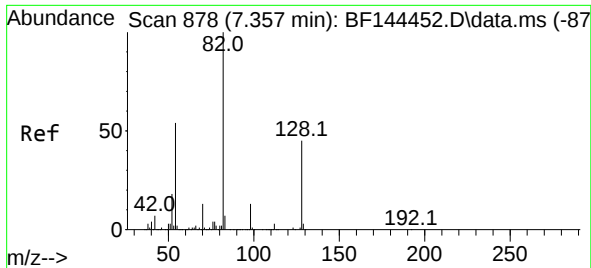
Reviewed By :Rahul Chavli 12/15/2025
Supervised By :Jagrut Upadhyay 12/15/2025



#22
Acetophenone
Concen: 44.503 ng
RT: 7.204 min Scan# 852
Delta R.T. -0.000 min
Lab File: BF144455.D
Acq: 12 Dec 2025 17:36

Tgt Ion:105 Resp: 963007
Ion Ratio Lower Upper
105 100
71 6.8 5.6 8.4
51 35.7 28.6 42.8
120 23.4 18.6 27.8





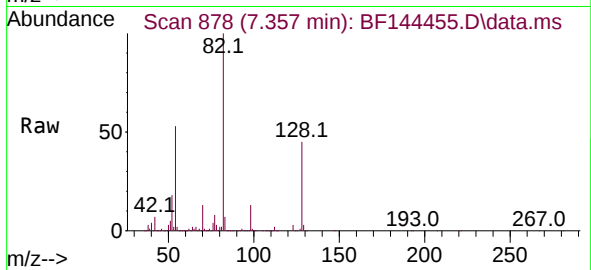
#23
Nitrobenzene-d5
Concen: 88.799 ng
RT: 7.357 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF144455.D
Acq: 12 Dec 2025 17:36

Instrument :

BNA_F

ClientSampleId :

PB170916BS



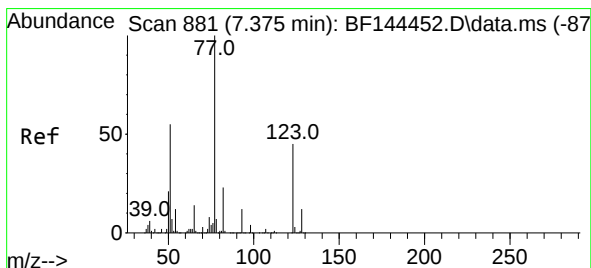
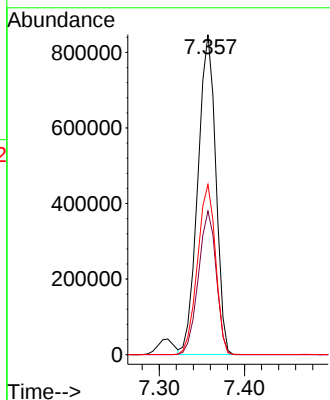
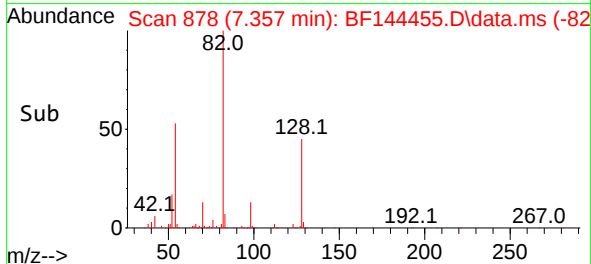
Tgt Ion: 82 Resp: 1237946
Ion Ratio Lower Upper
82 100
128 44.8 35.5 53.3
54 53.1 43.3 64.9

Manual Integrations

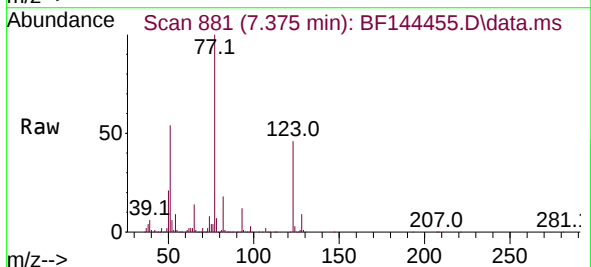
APPROVED

Reviewed By :Rahul Chavli 12/15/2025

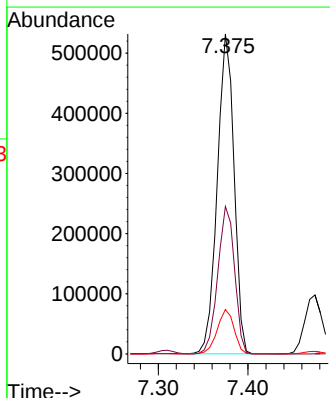
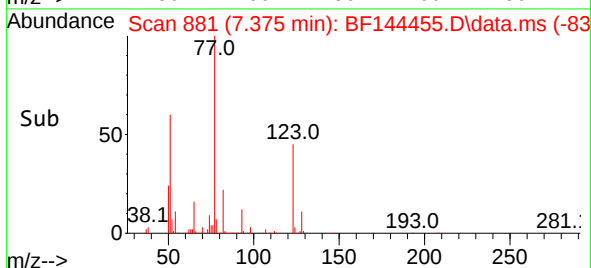
Supervised By :Jagrut Upadhyay 12/15/2025

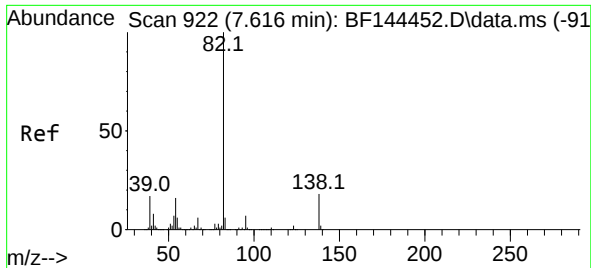


#24
Nitrobenzene
Concen: 45.696 ng
RT: 7.375 min Scan# 881
Delta R.T. -0.000 min
Lab File: BF144455.D
Acq: 12 Dec 2025 17:36



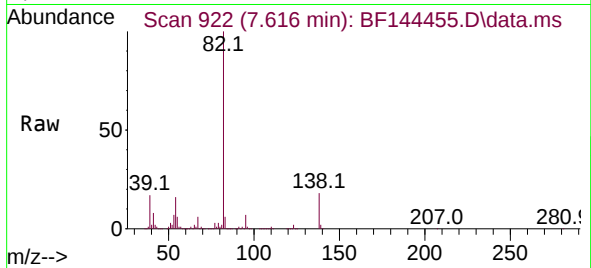
Tgt Ion: 77 Resp: 691086
Ion Ratio Lower Upper
77 100
123 46.1 36.2 54.2
65 13.9 11.0 16.6





#25
Isophorone
Concen: 41.254 ng
RT: 7.616 min Scan# 912
Delta R.T. -0.000 min
Lab File: BF144455.D
Acq: 12 Dec 2025 17:36

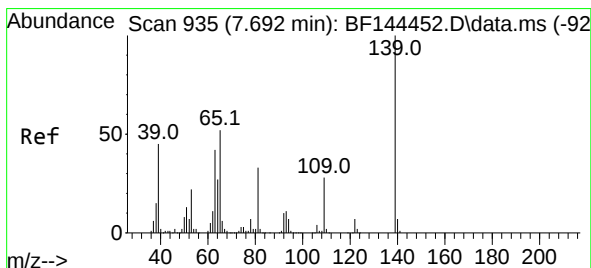
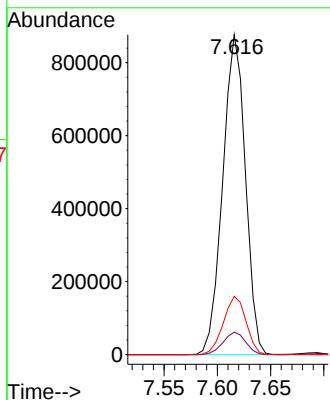
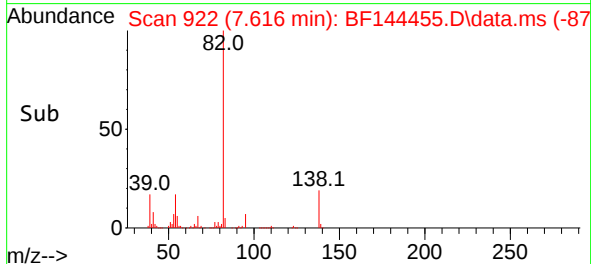
Instrument :
BNA_F
ClientSampleId :
PB170916BS



Tgt Ion: 82 Resp: 1297958
Ion Ratio Lower Upper
82 100
95 7.0 5.4 8.2
138 18.2 14.4 21.6

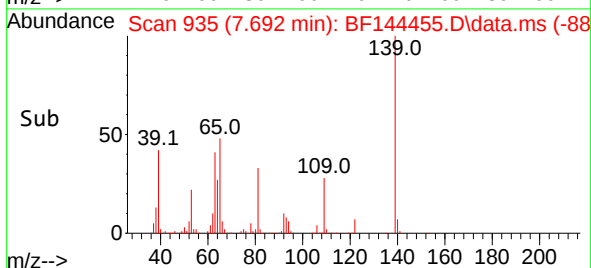
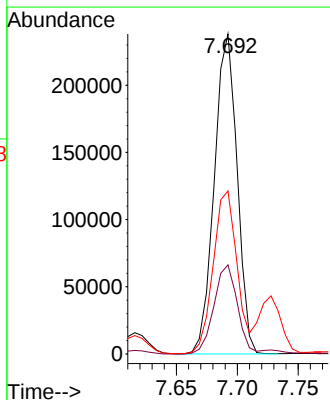
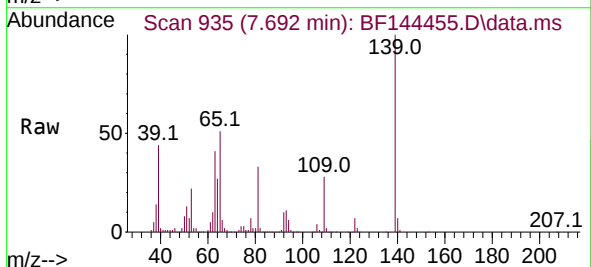
Manual Integrations
APPROVED

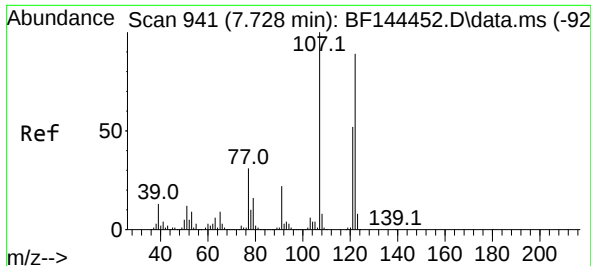
Reviewed By :Rahul Chavli 12/15/2025
Supervised By :Jagrut Upadhyay 12/15/2025



#26
2-Nitrophenol
Concen: 47.263 ng
RT: 7.692 min Scan# 935
Delta R.T. 0.000 min
Lab File: BF144455.D
Acq: 12 Dec 2025 17:36

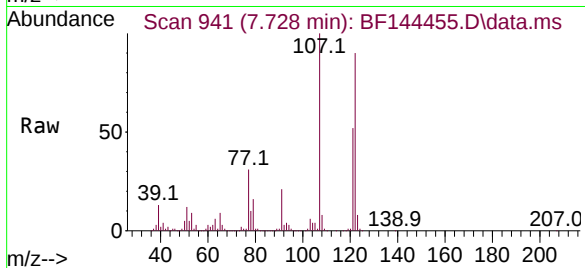
Tgt Ion:139 Resp: 310542
Ion Ratio Lower Upper
139 100
109 27.8 22.1 33.1
65 50.9 41.5 62.3





#27
2,4-Dimethylphenol
Concen: 42.355 ng
RT: 7.728 min Scan# 941
Delta R.T. -0.000 min
Lab File: BF144455.D
Acq: 12 Dec 2025 17:36

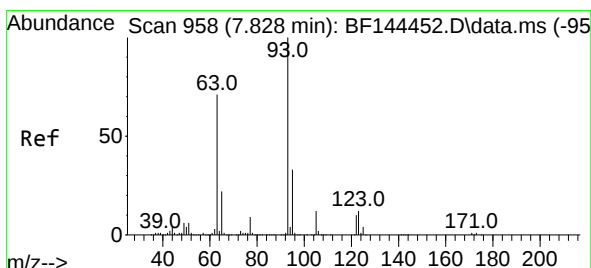
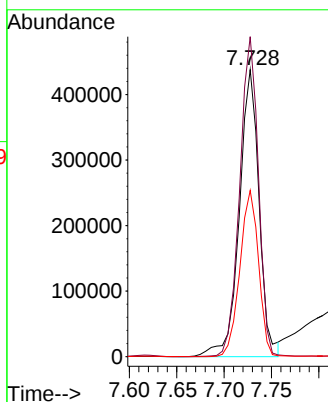
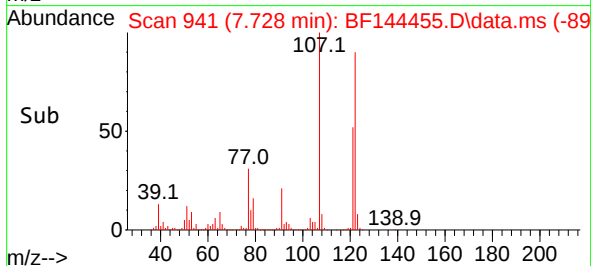
Instrument :
BNA_F
ClientSampleId :
PB170916BS



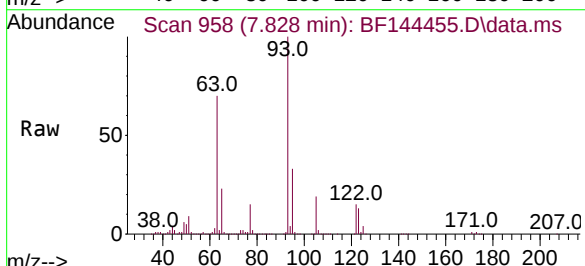
Tgt Ion:122 Resp: 635841
Ion Ratio Lower Upper
122 100
107 111.5 90.0 135.0
121 57.9 47.1 70.7

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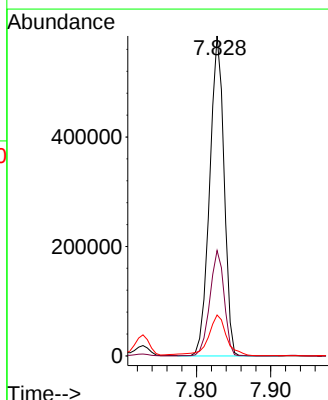
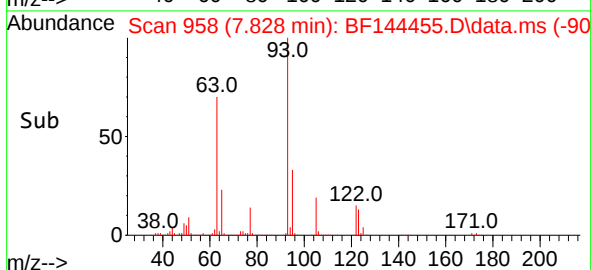
Reviewed By :Rahul Chavli 12/15/2025
Supervised By :Jagrut Upadhyay 12/15/2025

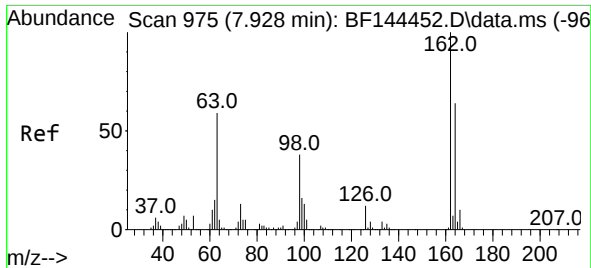


#28
bis(2-Chloroethoxy)methane
Concen: 40.690 ng
RT: 7.828 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF144455.D
Acq: 12 Dec 2025 17:36



Tgt Ion: 93 Resp: 788856
Ion Ratio Lower Upper
93 100
95 32.9 26.2 39.2
123 12.8 10.2 15.4





#29
2,4-Dichlorophenol
Concen: 43.907 ng
RT: 7.928 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF144455.D
Acq: 12 Dec 2025 17:36

Instrument :

BNA_F

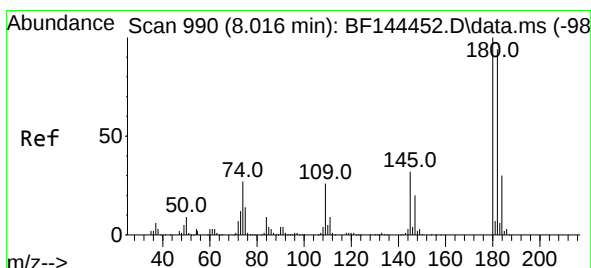
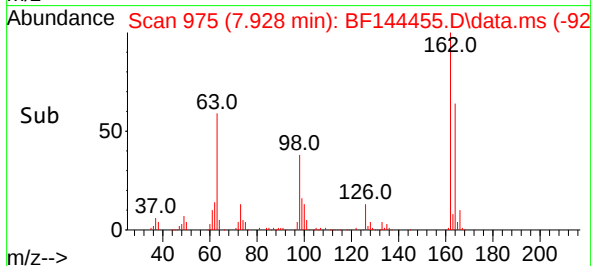
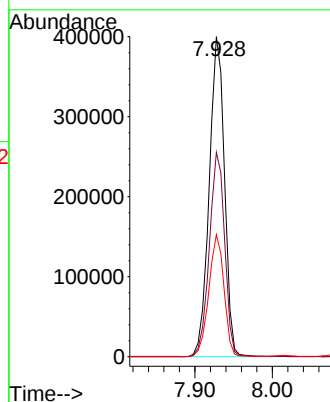
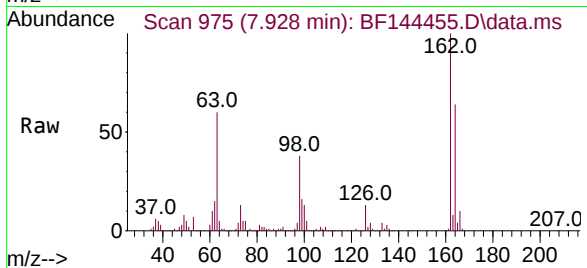
ClientSampleId :

PB170916BS

Tgt Ion:162 Resp: 547680
Ion Ratio Lower Upper
162 100
164 63.8 44.2 84.2
98 38.1 17.8 57.8

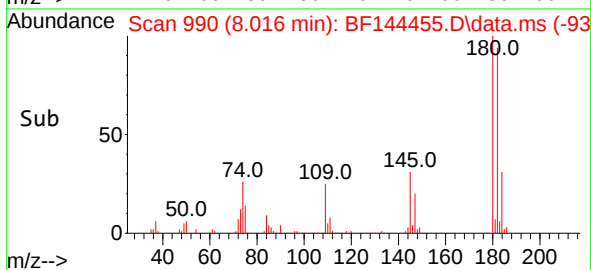
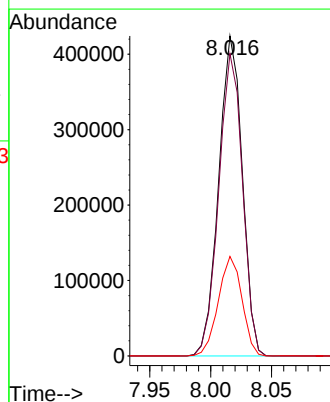
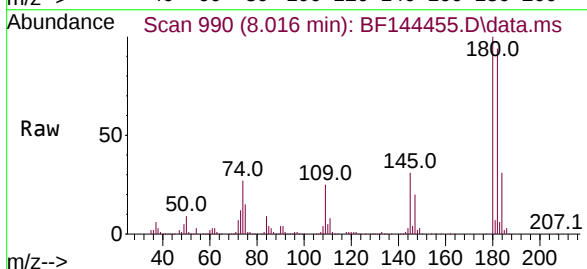
Manual Integrations
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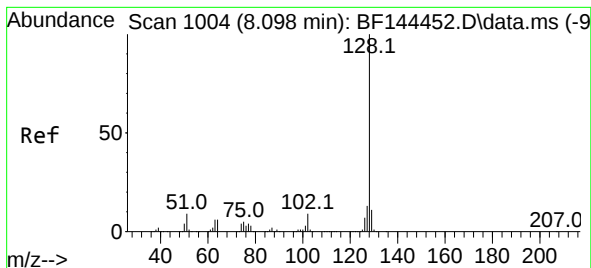
Reviewed By :Rahul Chavli 12/15/2025
Supervised By :Jagrut Upadhyay 12/15/2025



#30
1,2,4-Trichlorobenzene
Concen: 42.280 ng
RT: 8.016 min Scan# 990
Delta R.T. -0.000 min
Lab File: BF144455.D
Acq: 12 Dec 2025 17:36

Tgt Ion:180 Resp: 572012
Ion Ratio Lower Upper
180 100
182 94.5 75.2 112.8
145 31.1 25.3 37.9





#31

Naphthalene

Concen: 39.860 ng

RT: 8.098 min Scan# 10

Delta R.T. -0.000 min

Lab File: BF144455.D

Acq: 12 Dec 2025 17:36

Instrument :

BNA_F

ClientSampleId :

PB170916BS

Tgt Ion:128 Resp: 1871516

Ion Ratio Lower Upper

128 100

129 11.4 9.1 13.7

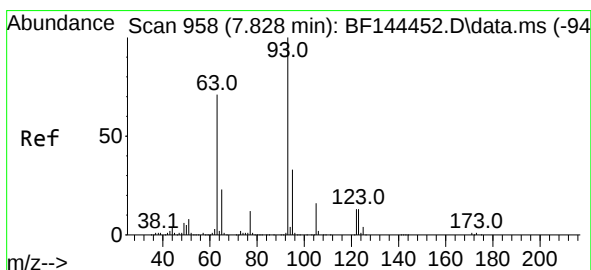
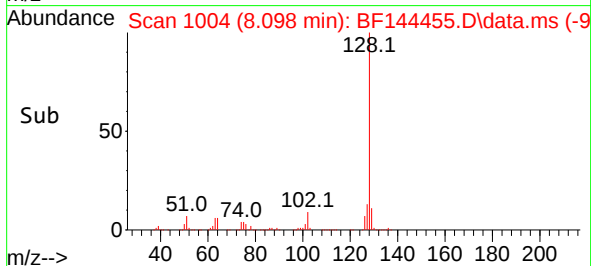
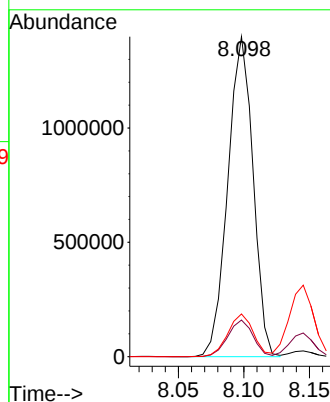
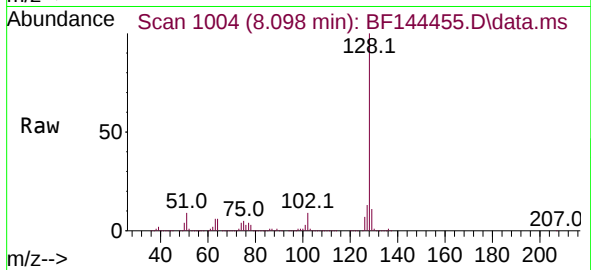
127 13.3 10.6 16.0

Manual Integrations

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Reviewed By :Rahul Chavli 12/15/2025

Supervised By :Jagrut Upadhyay 12/15/2025



#32

Benzoic acid

Concen: 49.005 ng

RT: 7.851 min Scan# 962

Delta R.T. 0.023 min

Lab File: BF144455.D

Acq: 12 Dec 2025 17:36

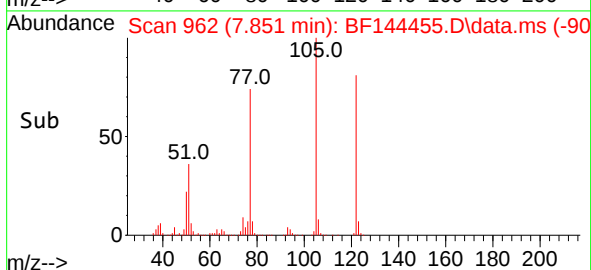
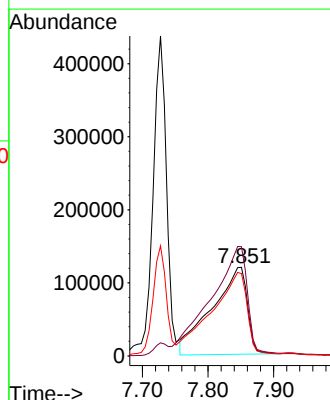
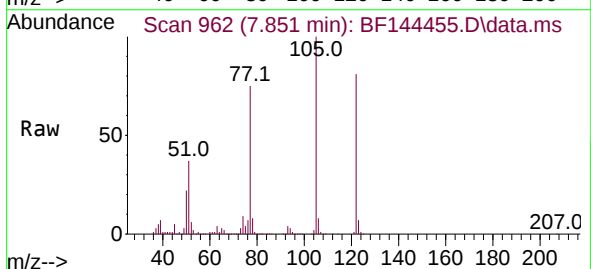
Tgt Ion:122 Resp: 447123

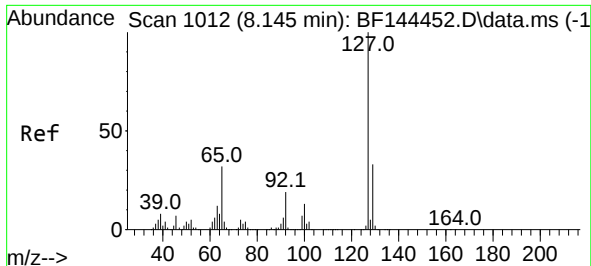
Ion Ratio Lower Upper

122 100

105 123.4 103.2 143.2

77 93.1 75.1 115.1





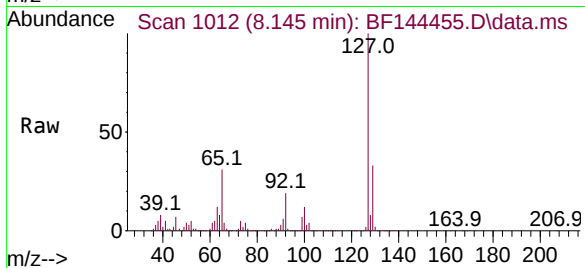
#33
4-Chloroaniline
Concen: 21.336 ng
RT: 8.145 min Scan# 1012
Delta R.T. -0.000 min
Lab File: BF144455.D
Acq: 12 Dec 2025 17:36

Instrument :

BNA_F

ClientSampleId :

PB170916BS



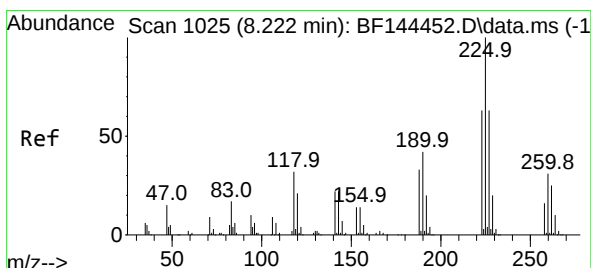
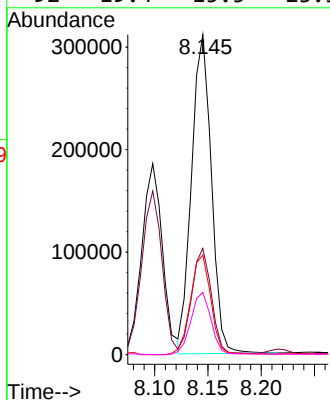
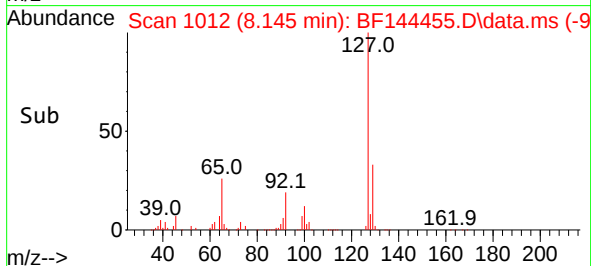
Tgt Ion:127 Resp: 402673
Ion Ratio Lower Upper
127 100
129 33.2 26.2 39.4
65 31.1 25.8 38.8
92 19.4 15.5 23.3

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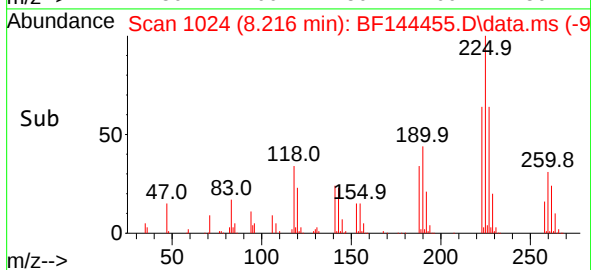
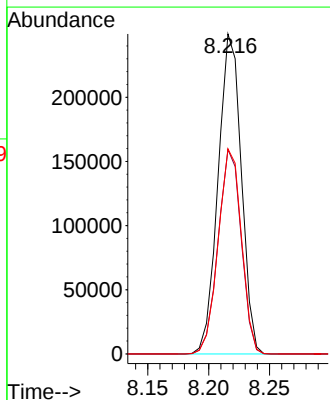
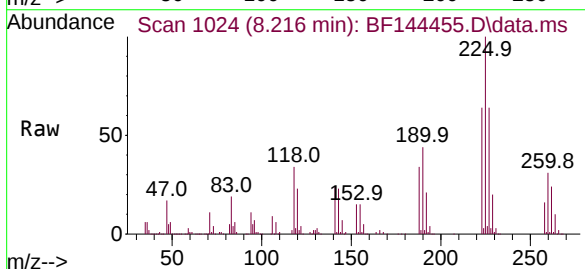
Reviewed By :Rahul Chavli 12/15/2025

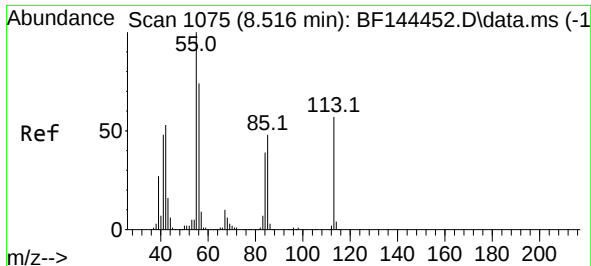
Supervised By :Jagrut Upadhyay 12/15/2025



#34
Hexachlorobutadiene
Concen: 39.542 ng
RT: 8.216 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF144455.D
Acq: 12 Dec 2025 17:36

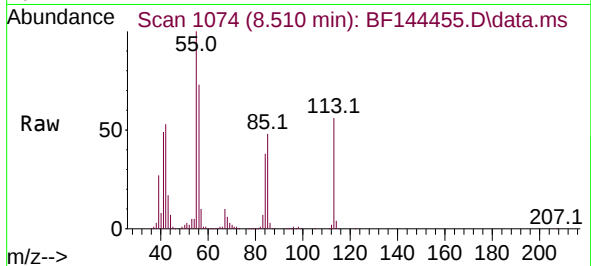
Tgt Ion:225 Resp: 330777
Ion Ratio Lower Upper
225 100
223 63.9 50.1 75.1
227 64.1 50.3 75.5





#35
Caprolactam
Concen: 46.821 ng m
RT: 8.510 min Scan# 1075
Delta R.T. -0.006 min
Lab File: BF144455.D
Acq: 12 Dec 2025 17:36

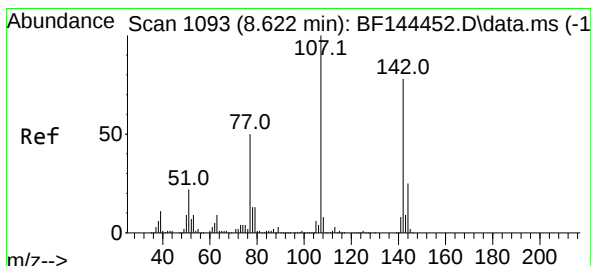
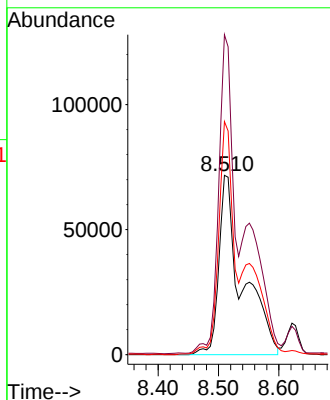
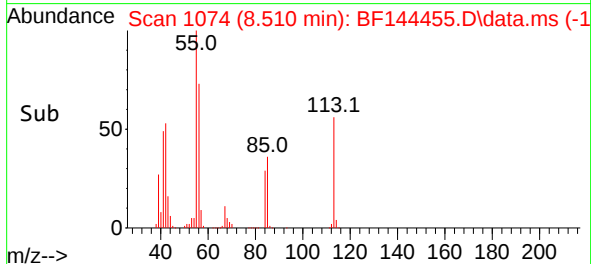
Instrument :
BNA_F
ClientSampleId :
PB170916BS



Tgt Ion:113 Resp: 192862
Ion Ratio Lower Upper
113 100
55 178.5 154.5 194.5
56 130.0 109.8 149.8

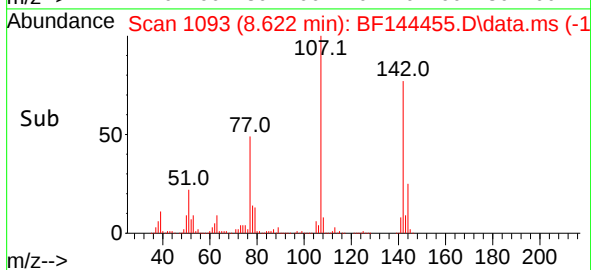
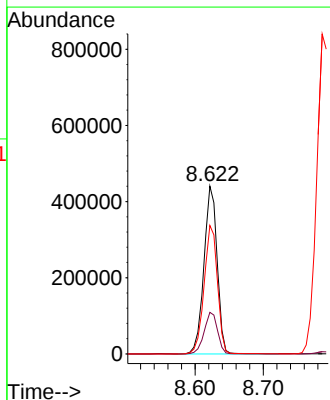
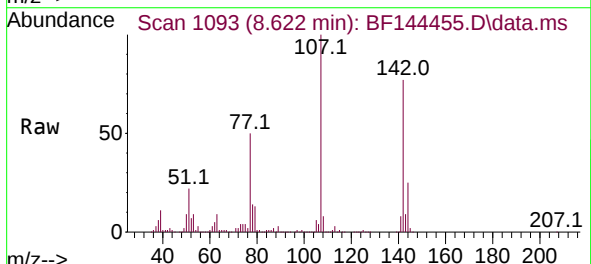
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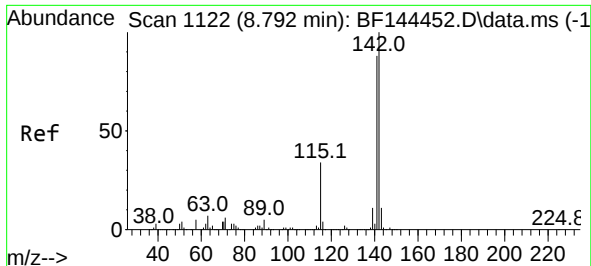
Reviewed By :Rahul Chavli 12/15/2025
Supervised By :Jagrut Upadhyay 12/15/2025



#36
4-Chloro-3-methylphenol
Concen: 43.886 ng
RT: 8.622 min Scan# 1093
Delta R.T. -0.000 min
Lab File: BF144455.D
Acq: 12 Dec 2025 17:36

Tgt Ion:107 Resp: 594256
Ion Ratio Lower Upper
107 100
144 24.8 20.4 30.6
142 76.5 62.4 93.6





#37

2-Methylnaphthalene

Concen: 37.157 ng

RT: 8.786 min Scan# 1122

Delta R.T. -0.006 min

Lab File: BF144455.D

Acq: 12 Dec 2025 17:36

Instrument :

BNA_F

ClientSampleId :

PB170916BS

Tgt Ion:142 Resp: 114783

Ion Ratio Lower Upper

142 100

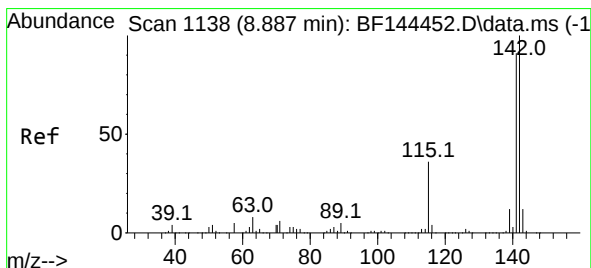
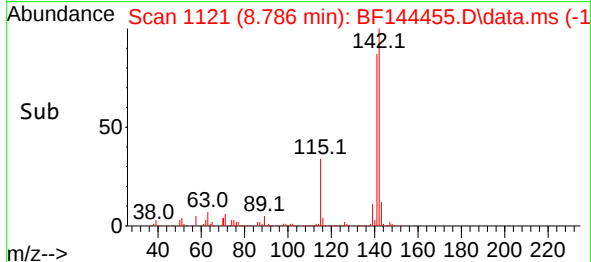
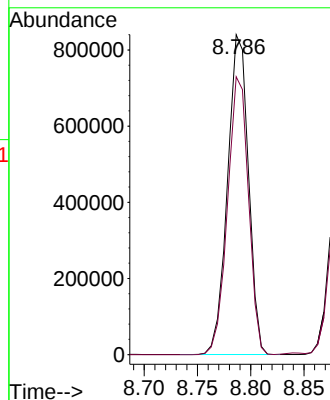
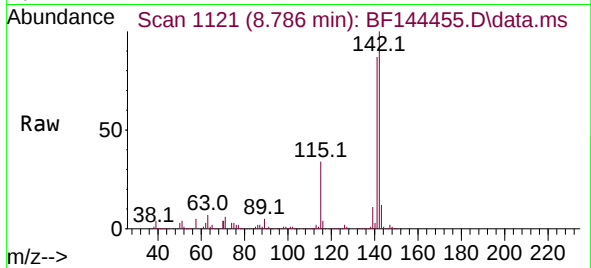
141 86.8 70.0 105.0

Manual Integrations

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Reviewed By :Rahul Chavli 12/15/2025

Supervised By :Jagrut Upadhyay 12/15/2025



#38

1-Methylnaphthalene

Concen: 39.023 ng

RT: 8.886 min Scan# 1138

Delta R.T. -0.000 min

Lab File: BF144455.D

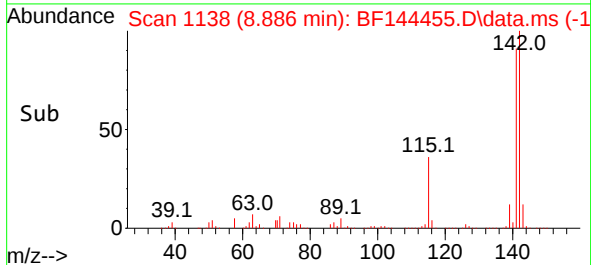
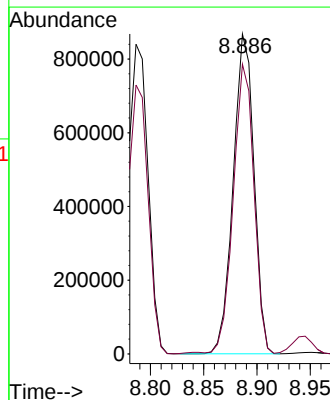
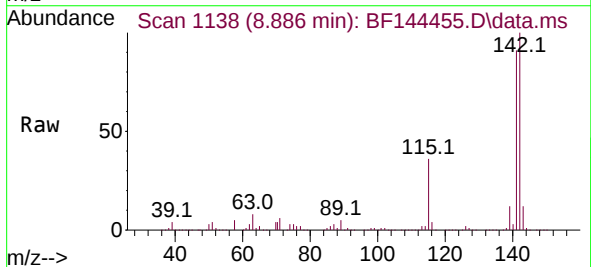
Acq: 12 Dec 2025 17:36

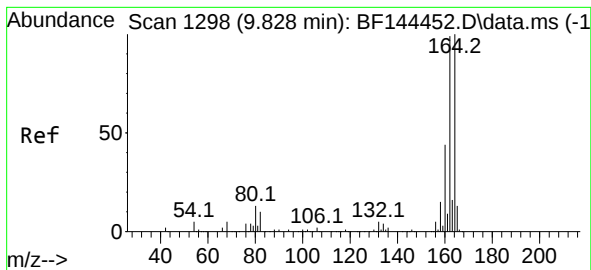
Tgt Ion:142 Resp: 1173817

Ion Ratio Lower Upper

142 100

141 90.5 72.6 109.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 11

Delta R.T. 0.005 min

Lab File: BF144455.D

Acq: 12 Dec 2025 17:36

Instrument :

BNA_F

ClientSampleId :

PB170916BS

Tgt Ion:164 Resp: 471990

Ion Ratio Lower Upper

164 100

162 98.7 79.2 118.8

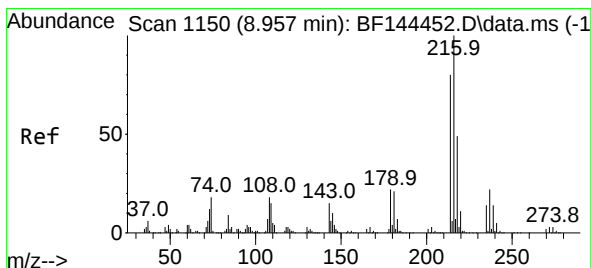
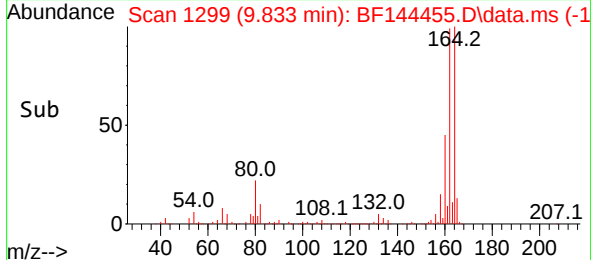
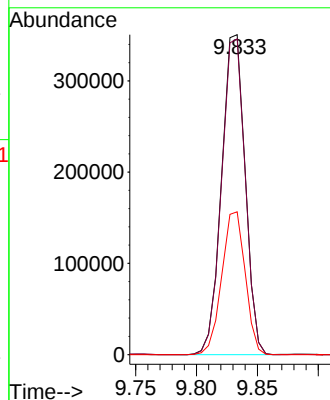
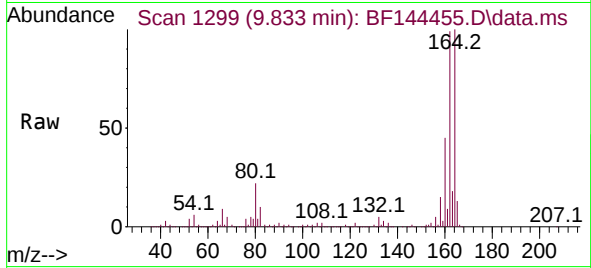
160 44.6 35.3 52.9

Manual Integrations

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Reviewed By :Rahul Chavli 12/15/2025

Supervised By :Jagrut Upadhyay 12/15/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.719 ng

RT: 8.957 min Scan# 1150

Delta R.T. -0.000 min

Lab File: BF144455.D

Acq: 12 Dec 2025 17:36

Tgt Ion:216 Resp: 600704

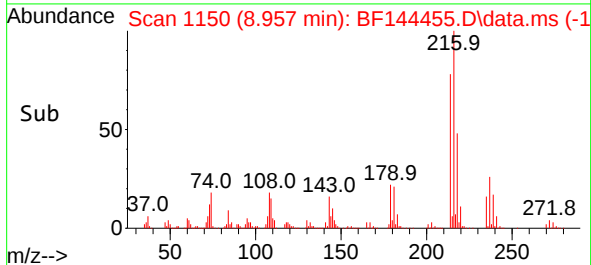
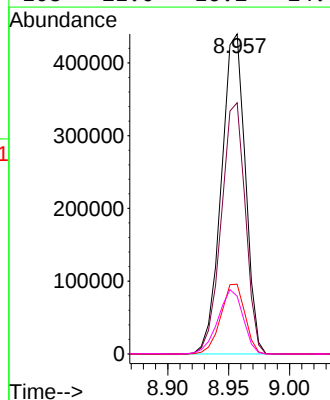
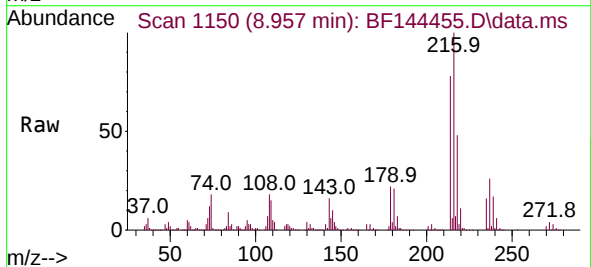
Ion Ratio Lower Upper

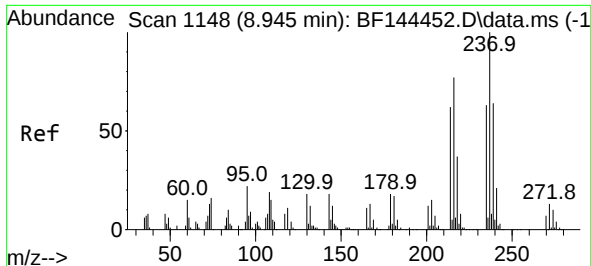
216 100

214 78.5 63.8 95.6

179 21.9 17.7 26.5

108 21.0 16.2 24.4





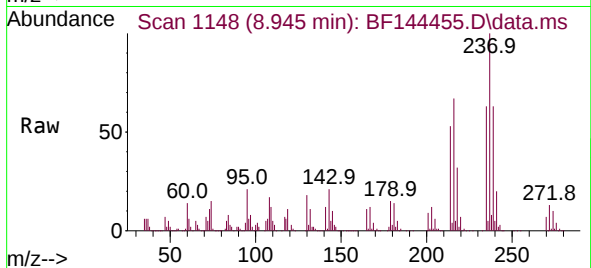
#41
Hexachlorocyclopentadiene
Concen: 65.780 ng
RT: 8.945 min Scan# 1148
Delta R.T. -0.000 min
Lab File: BF144455.D
Acq: 12 Dec 2025 17:36

Instrument :

BNA_F

ClientSampleId :

PB170916BS

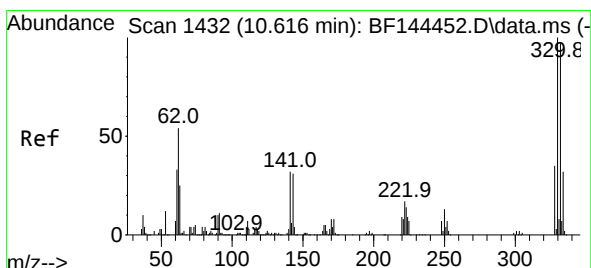
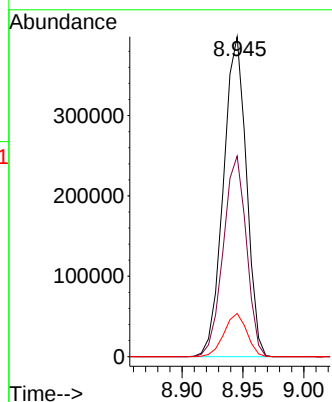
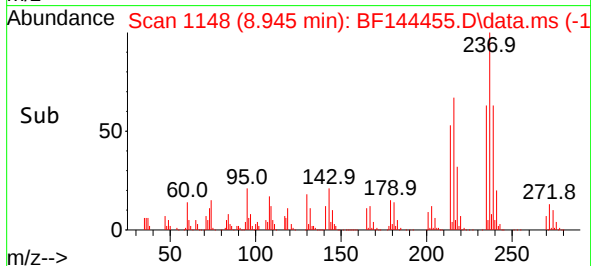


Tgt Ion:237 Resp: 522945
Ion Ratio Lower Upper
237 100
235 62.7 43.2 83.2
272 13.5 0.0 33.2

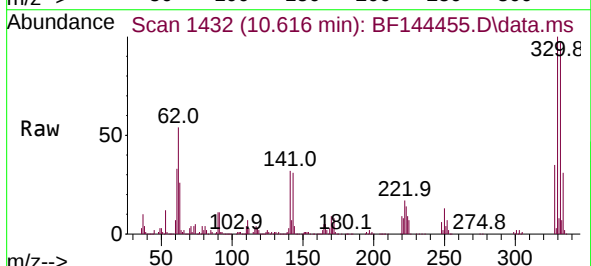
Manual Integrations

APPROVED

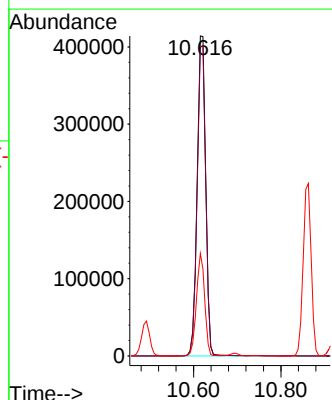
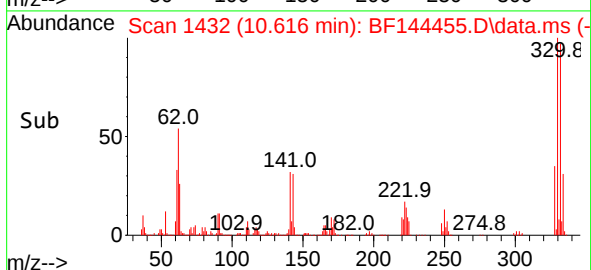
Reviewed By :Rahul Chavli 12/15/2025
Supervised By :Jagrut Upadhyay 12/15/2025

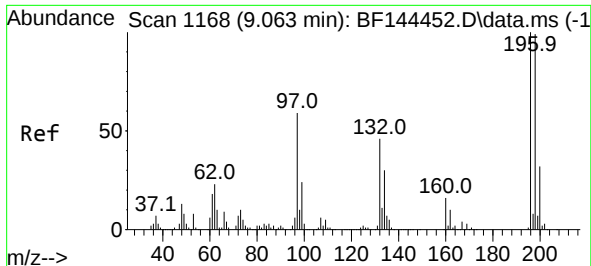


#42
2,4,6-Tribromophenol
Concen: 131.658 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF144455.D
Acq: 12 Dec 2025 17:36



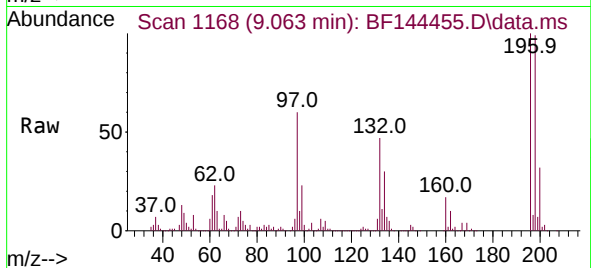
Tgt Ion:330 Resp: 561817
Ion Ratio Lower Upper
330 100
332 96.4 77.5 116.3
141 30.8 26.2 39.2





#43
2,4,6-Trichlorophenol
Concen: 46.067 ng
RT: 9.063 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF144455.D
Acq: 12 Dec 2025 17:36

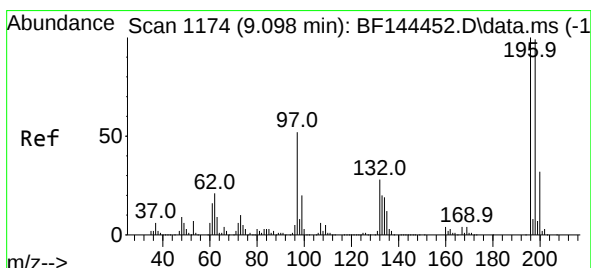
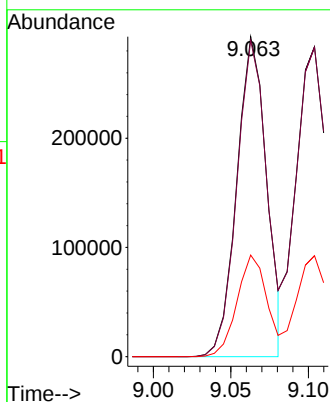
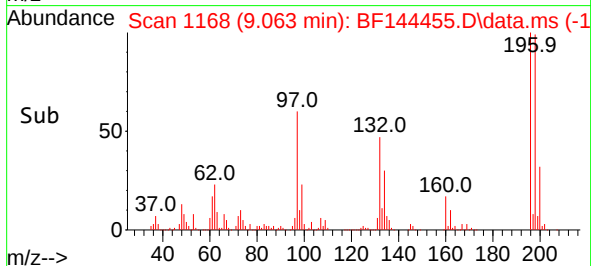
Instrument :
BNA_F
ClientSampleId :
PB170916BS



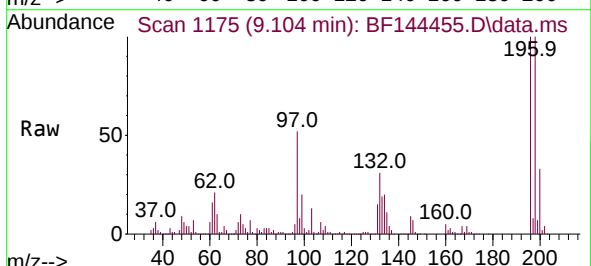
Tgt Ion:196 Resp: 392962
Ion Ratio Lower Upper
196 100
198 98.8 79.0 118.4
200 31.7 25.3 37.9

Manual Integrations
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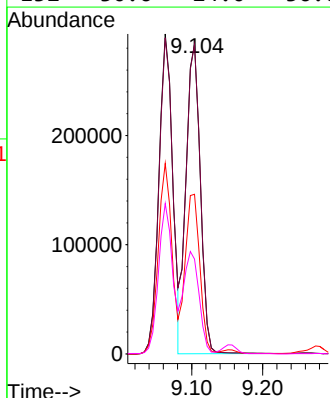
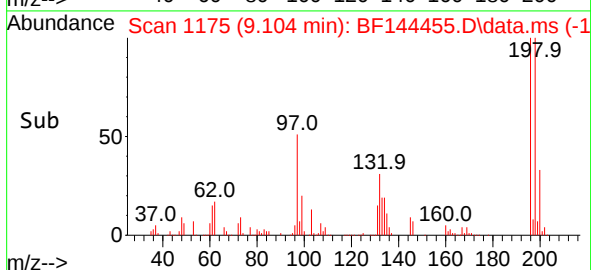
Reviewed By :Rahul Chavli 12/15/2025
Supervised By :Jagrut Upadhyay 12/15/2025

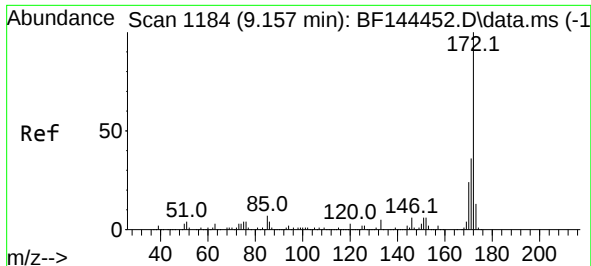


#44
2,4,5-Trichlorophenol
Concen: 44.464 ng
RT: 9.104 min Scan# 1175
Delta R.T. 0.006 min
Lab File: BF144455.D
Acq: 12 Dec 2025 17:36



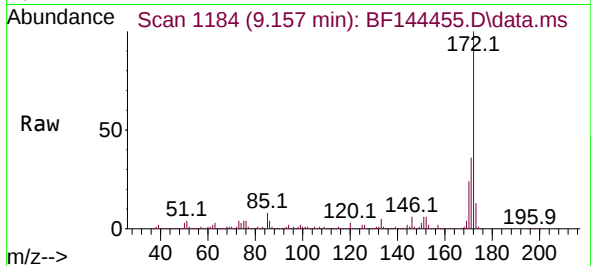
Tgt Ion:196 Resp: 398091
Ion Ratio Lower Upper
196 100
198 99.8 79.5 119.3
97 51.5 42.2 63.2
132 30.6 24.0 36.0





#45
2-Fluorobiphenyl
Concen: 74.787 ng
RT: 9.157 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BF144455.D
Acq: 12 Dec 2025 17:36

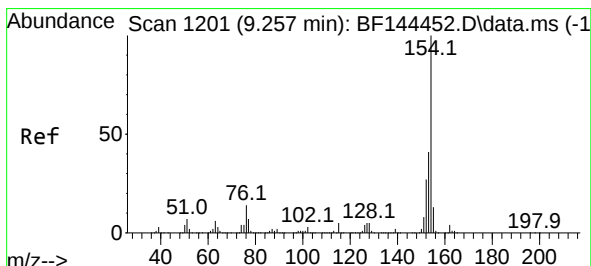
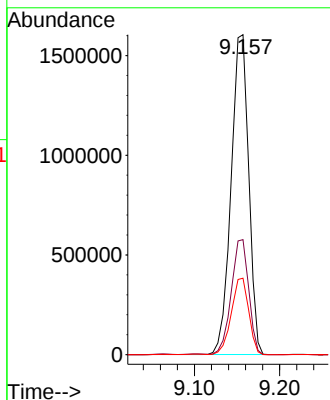
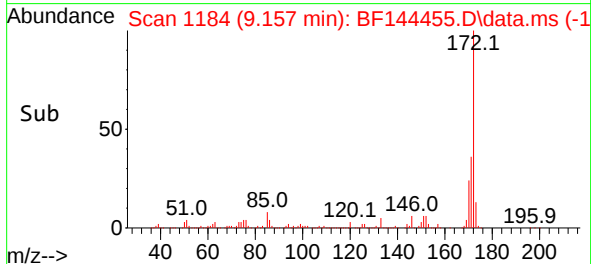
Instrument :
BNA_F
ClientSampleId :
PB170916BS



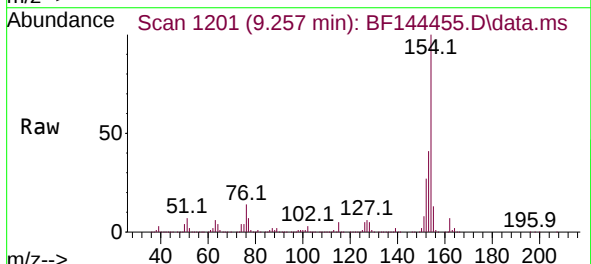
Tgt Ion:172 Resp: 2300964
Ion Ratio Lower Upper
172 100
171 35.9 28.7 43.1
170 23.9 19.3 28.9

Manual Integrations
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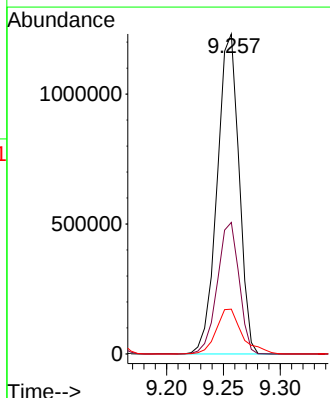
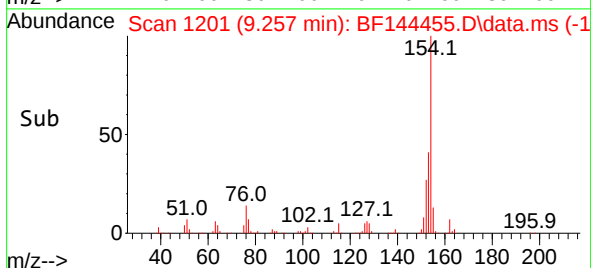
Reviewed By :Rahul Chavli 12/15/2025
Supervised By :Jagrut Upadhyay 12/15/2025

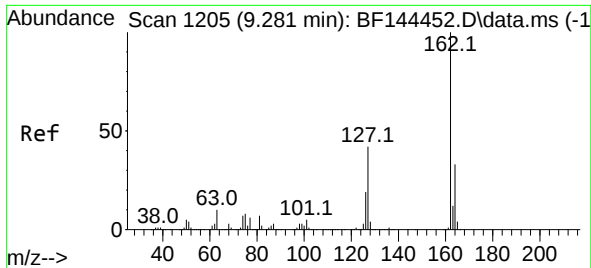


#46
1,1'-Biphenyl
Concen: 44.511 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.000 min
Lab File: BF144455.D
Acq: 12 Dec 2025 17:36



Tgt Ion:154 Resp: 1641813
Ion Ratio Lower Upper
154 100
153 41.1 21.0 61.0
76 14.0 0.0 33.8





#47

2-Chloronaphthalene

Concen: 40.224 ng

RT: 9.280 min Scan# 1205

Delta R.T. -0.000 min

Lab File: BF144455.D

Acq: 12 Dec 2025 17:36

Instrument :

BNA_F

ClientSampleId :

PB170916BS

Tgt Ion:162 Resp: 1132649

Ion Ratio Lower Upper

162 100

127 42.1 33.6 50.4

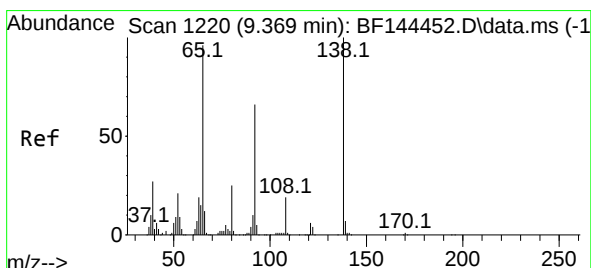
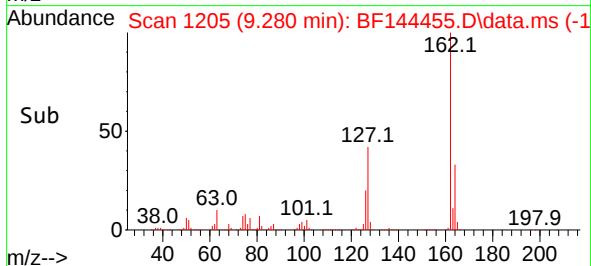
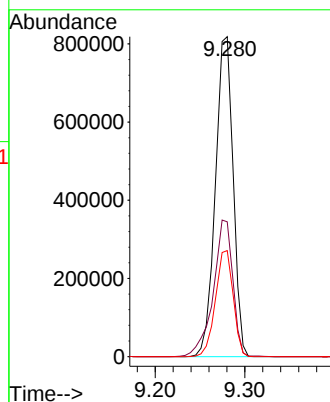
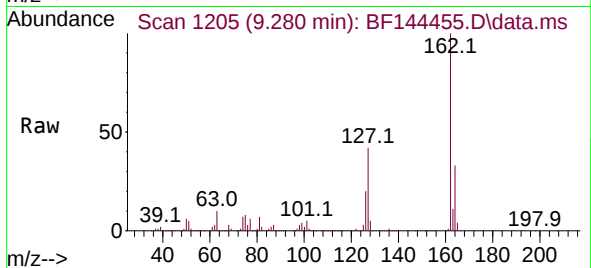
164 33.1 26.6 39.8

Manual Integrations

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Reviewed By :Rahul Chavli 12/15/2025

Supervised By :Jagrut Upadhyay 12/15/2025



#48

2-Nitroaniline

Concen: 45.468 ng

RT: 9.369 min Scan# 1220

Delta R.T. -0.000 min

Lab File: BF144455.D

Acq: 12 Dec 2025 17:36

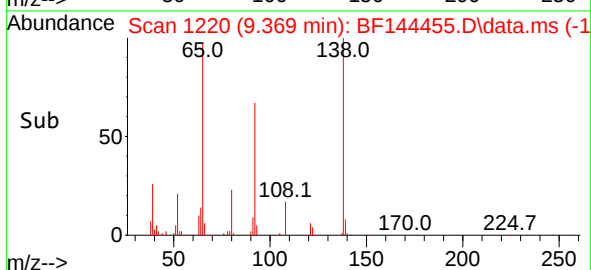
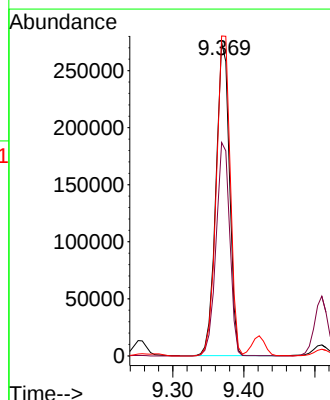
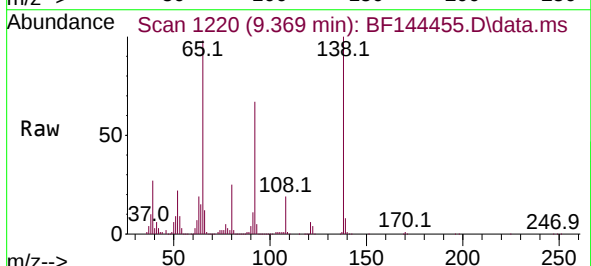
Tgt Ion: 65 Resp: 365559

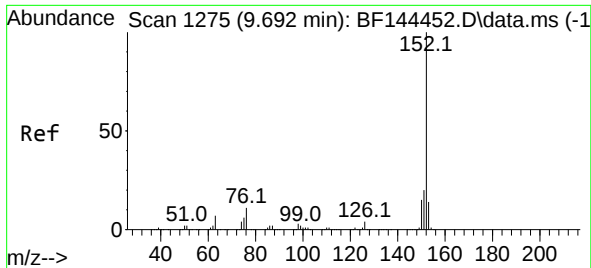
Ion Ratio Lower Upper

65 100

92 68.0 55.0 82.4

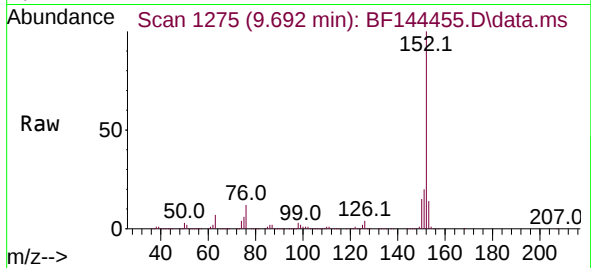
138 102.0 83.4 125.2





#49
Acenaphthylene
Concen: 41.601 ng
RT: 9.692 min Scan# 1275
Delta R.T. -0.000 min
Lab File: BF144455.D
Acq: 12 Dec 2025 17:36

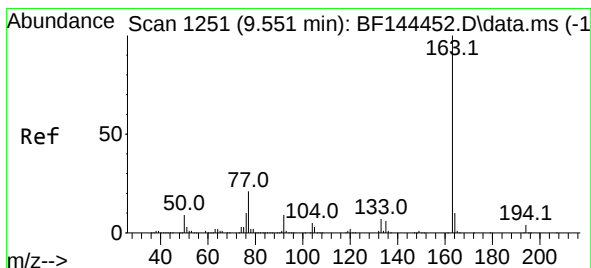
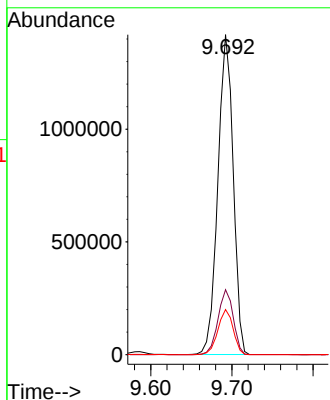
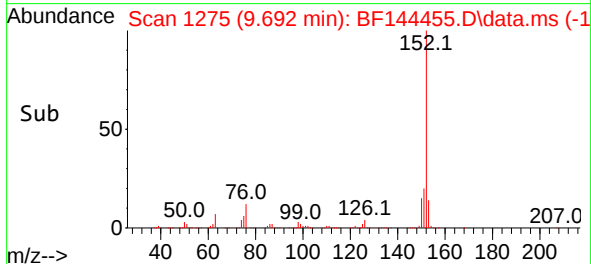
Instrument :
BNA_F
ClientSampleId :
PB170916BS



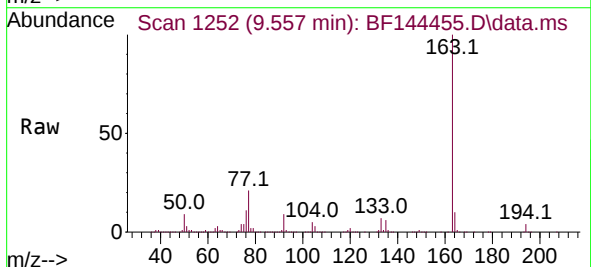
Tgt Ion:152 Resp: 1855946
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2
153 14.1 11.4 17.0

Manual Integrations
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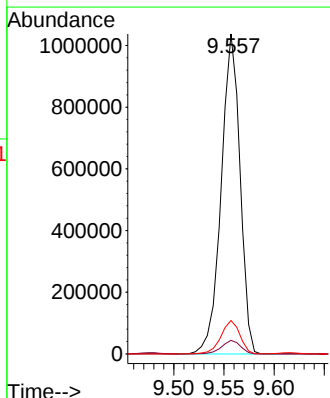
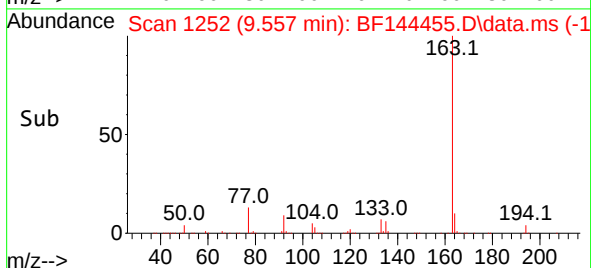
Reviewed By :Rahul Chavli 12/15/2025
Supervised By :Jagrut Upadhyay 12/15/2025

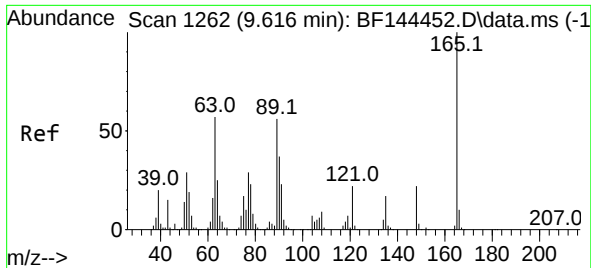


#50
Dimethylphthalate
Concen: 42.583 ng
RT: 9.557 min Scan# 1252
Delta R.T. 0.006 min
Lab File: BF144455.D
Acq: 12 Dec 2025 17:36



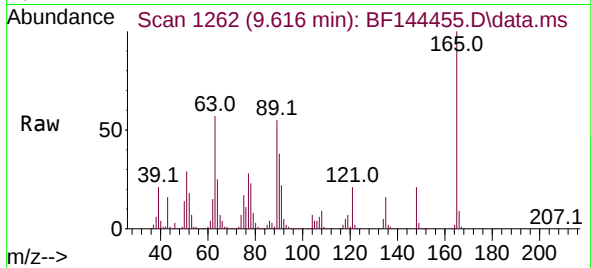
Tgt Ion:163 Resp: 1357617
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.5 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 49.992 ng
RT: 9.616 min Scan# 1262
Delta R.T. -0.000 min
Lab File: BF144455.D
Acq: 12 Dec 2025 17:36

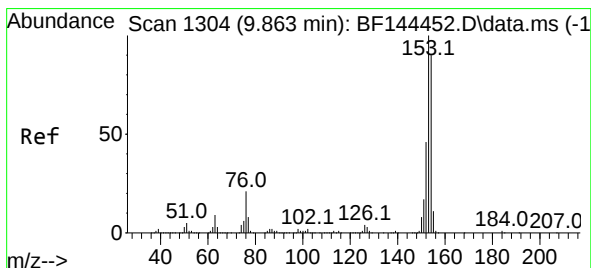
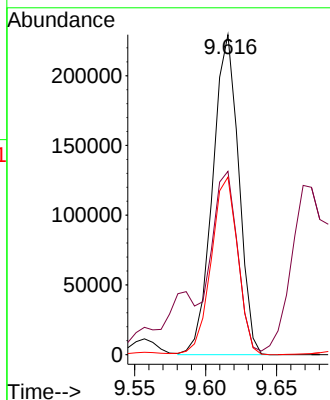
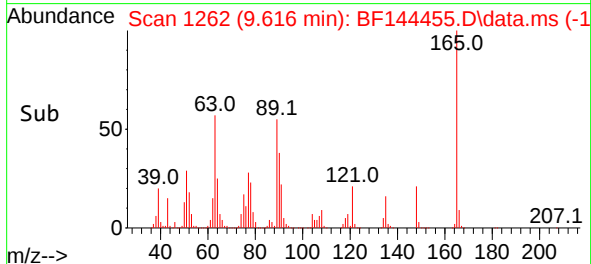
Instrument :
BNA_F
ClientSampleId :
PB170916BS



Tgt Ion:165 Resp: 293110
Ion Ratio Lower Upper
165 100
63 57.3 45.9 68.9
89 55.5 44.6 67.0

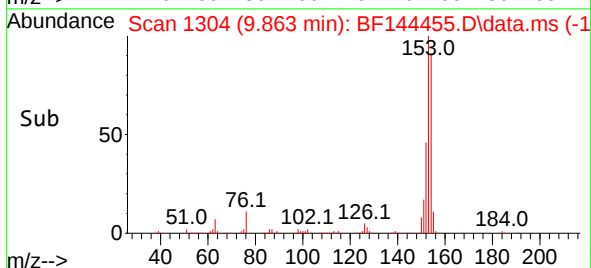
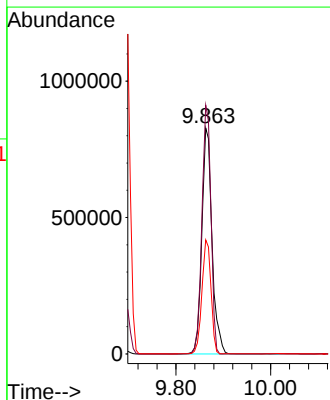
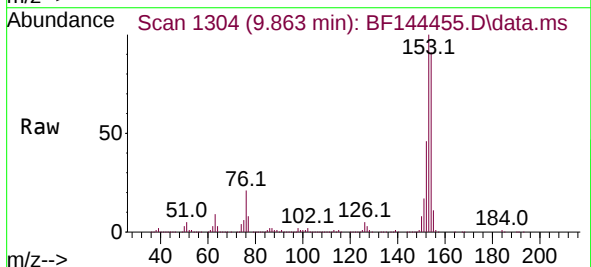
Manual Integrations
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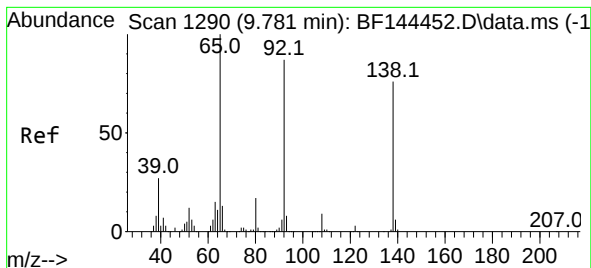
Reviewed By :Rahul Chavli 12/15/2025
Supervised By :Jagrut Upadhyay 12/15/2025



#52
Acenaphthene
Concen: 44.279 ng
RT: 9.863 min Scan# 1304
Delta R.T. -0.000 min
Lab File: BF144455.D
Acq: 12 Dec 2025 17:36

Tgt Ion:154 Resp: 1231676
Ion Ratio Lower Upper
154 100
153 110.1 88.6 132.8
152 50.5 40.6 61.0





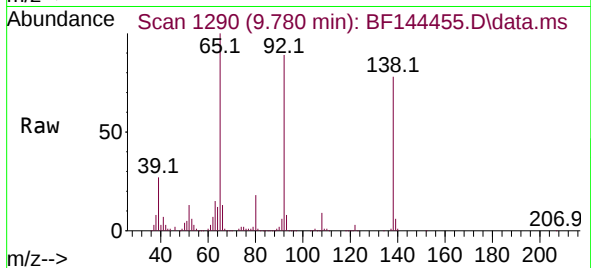
#53
3-Nitroaniline
Concen: 33.854 ng
RT: 9.780 min Scan# 1290
Delta R.T. -0.001 min
Lab File: BF144455.D
Acq: 12 Dec 2025 17:36

Instrument :

BNA_F

ClientSampleId :

PB170916BS

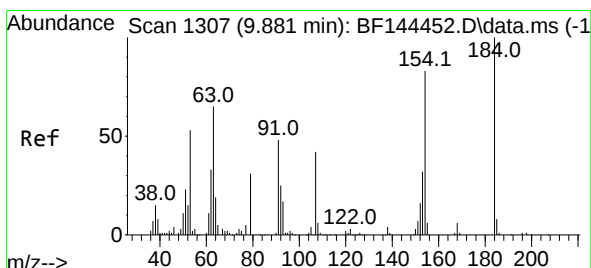
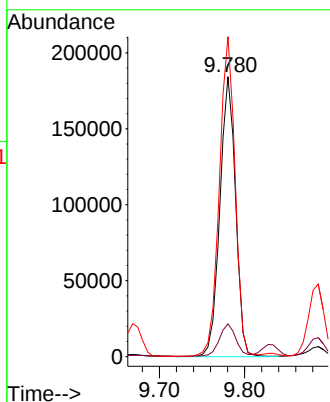
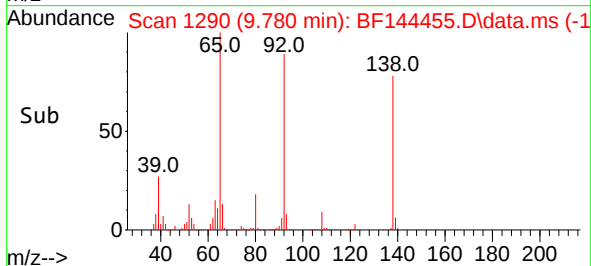


Tgt Ion:138 Resp: 235190
Ion Ratio Lower Upper
138 100
108 11.7 9.7 14.5
92 114.3 91.5 137.3

Manual Integrations

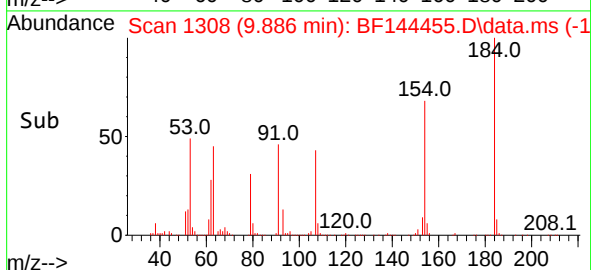
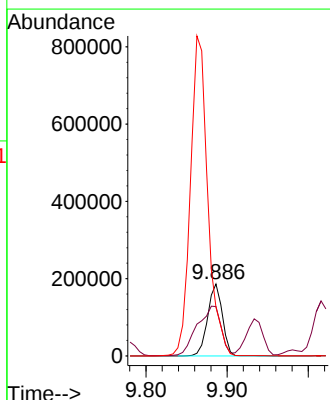
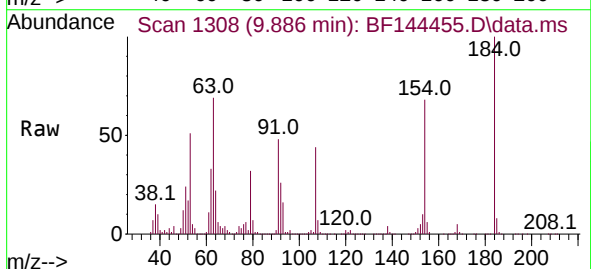
APPROVED

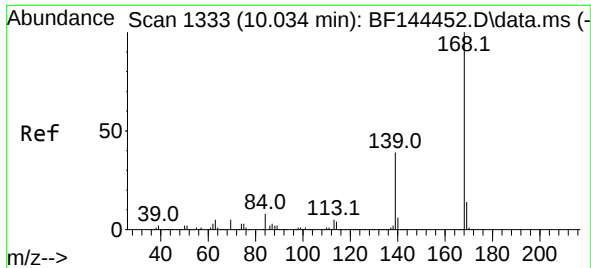
Reviewed By :Rahul Chavli 12/15/2025
Supervised By :Jagrut Upadhyay 12/15/2025



#54
2,4-Dinitrophenol
Concen: 84.851 ng
RT: 9.886 min Scan# 1308
Delta R.T. 0.005 min
Lab File: BF144455.D
Acq: 12 Dec 2025 17:36

Tgt Ion:184 Resp: 234268
Ion Ratio Lower Upper
184 100
63 68.6 60.6 91.0
154 67.9 137.8 206.8#





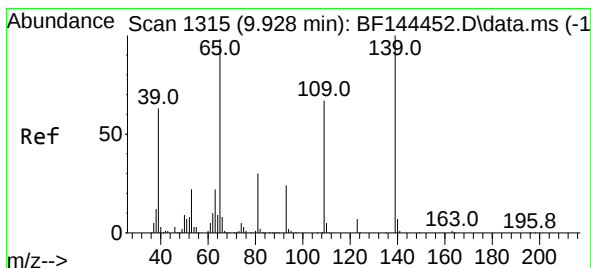
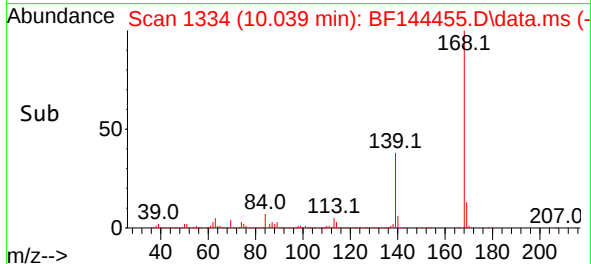
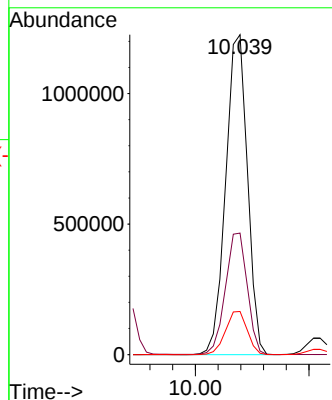
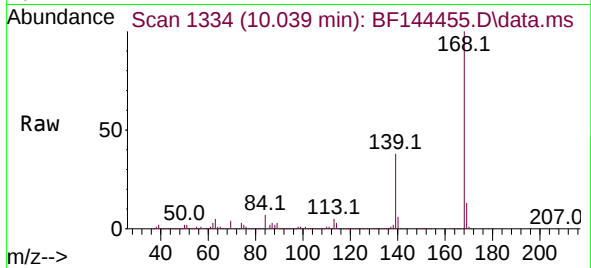
#55
Dibenzenofuran
Concen: 41.126 ng
RT: 10.039 min Scan# 1333
Delta R.T. 0.006 min
Lab File: BF144455.D
Acq: 12 Dec 2025 17:36

Instrument :
BNA_F
ClientSampleId :
PB170916BS

Tgt Ion:168 Resp: 1627679
Ion Ratio Lower Upper
168 100
139 38.0 31.0 46.6
169 13.5 10.9 16.3

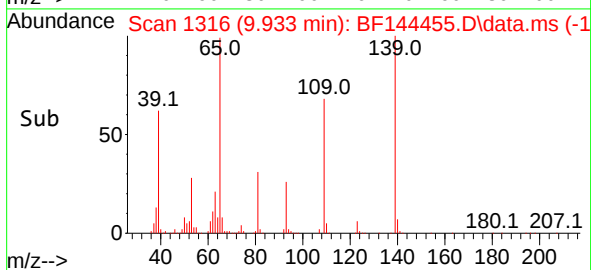
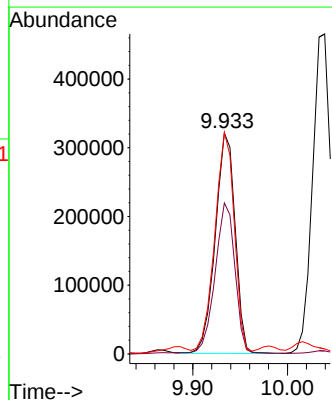
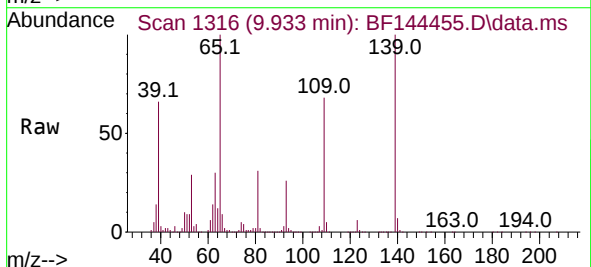
Manual Integrations
APPROVED

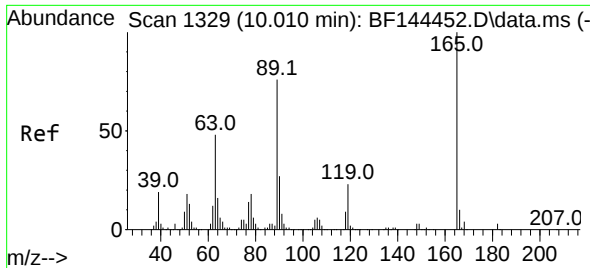
Reviewed By :Rahul Chavli 12/15/2025
Supervised By :Jagrut Upadhyay 12/15/2025



#56
4-Nitrophenol
Concen: 86.069 ng
RT: 9.933 min Scan# 1316
Delta R.T. 0.005 min
Lab File: BF144455.D
Acq: 12 Dec 2025 17:36

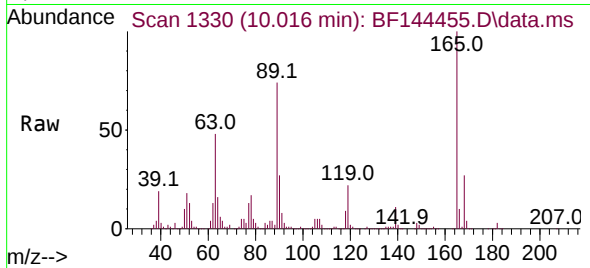
Tgt Ion:139 Resp: 467301
Ion Ratio Lower Upper
139 100
109 68.4 47.4 87.4
65 100.3 78.4 118.4





#57
2,4-Dinitrotoluene
Concen: 47.939 ng
RT: 10.016 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BF144455.D
Acq: 12 Dec 2025 17:36

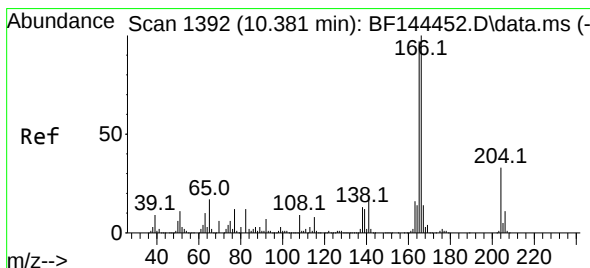
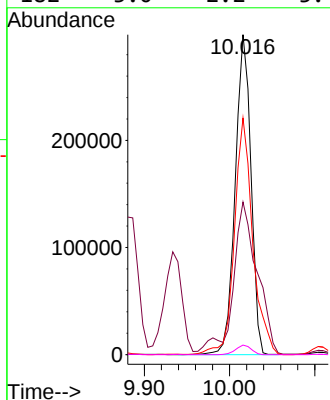
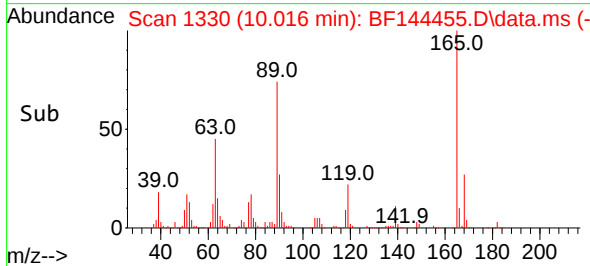
Instrument :
BNA_F
ClientSampleId :
PB170916BS



Tgt Ion:165 Resp: 382524
Ion Ratio Lower Upper
165 100
63 47.7 38.2 57.4
89 73.9 61.2 91.8
182 3.0 2.2 3.4

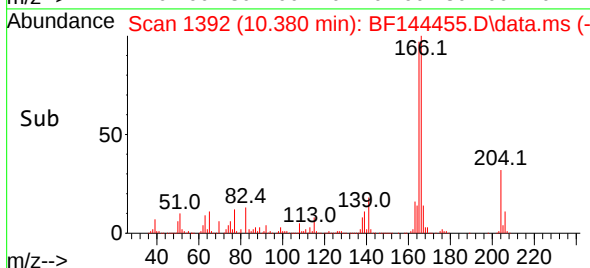
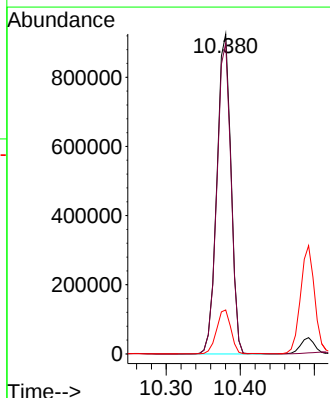
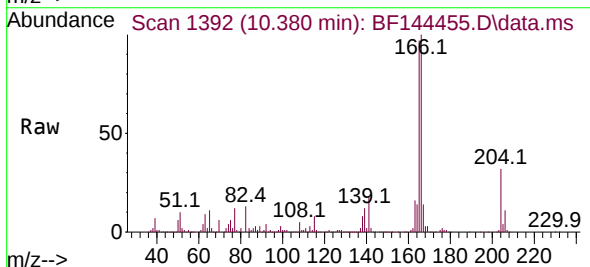
Manual Integrations
APPROVED

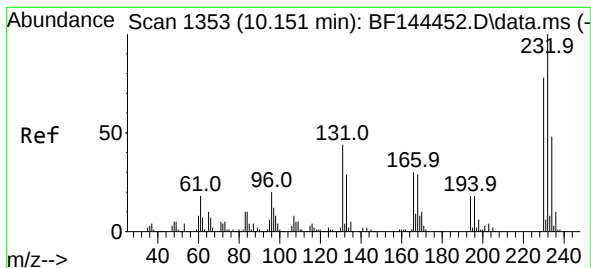
Reviewed By :Rahul Chavli 12/15/2025
Supervised By :Jagrut Upadhyay 12/15/2025



#58
Fluorene
Concen: 40.696 ng
RT: 10.380 min Scan# 1392
Delta R.T. -0.000 min
Lab File: BF144455.D
Acq: 12 Dec 2025 17:36

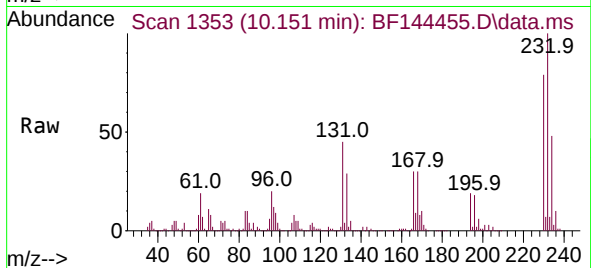
Tgt Ion:166 Resp: 1219641
Ion Ratio Lower Upper
166 100
165 97.1 77.6 116.4
167 13.7 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.949 ng
RT: 10.151 min Scan# 1353
Delta R.T. -0.000 min
Lab File: BF144455.D
Acq: 12 Dec 2025 17:36

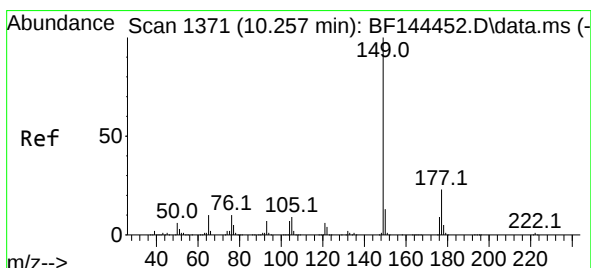
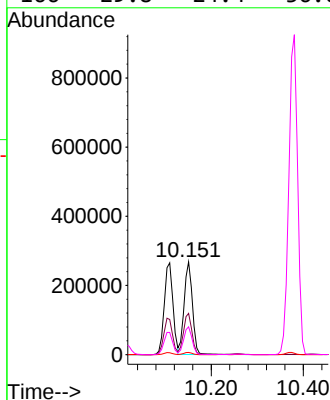
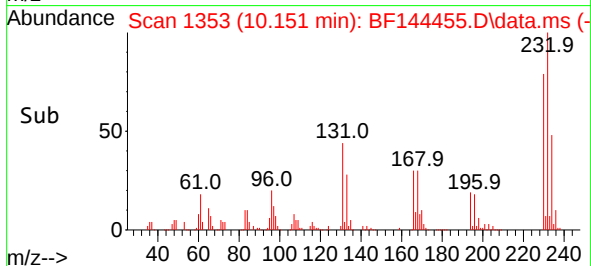
Instrument :
BNA_F
ClientSampleId :
PB170916BS



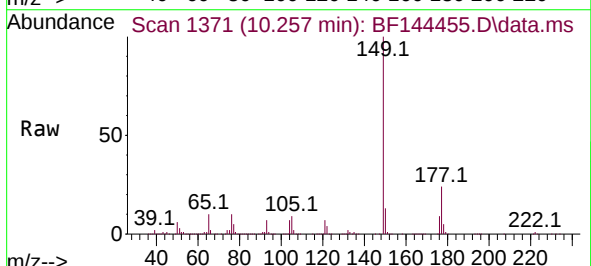
Tgt Ion:232 Resp: 339465
Ion Ratio Lower Upper
232 100
131 45.0 36.3 54.5
130 2.4 1.8 2.6
166 29.8 24.4 36.6

Manual Integrations
APPROVED

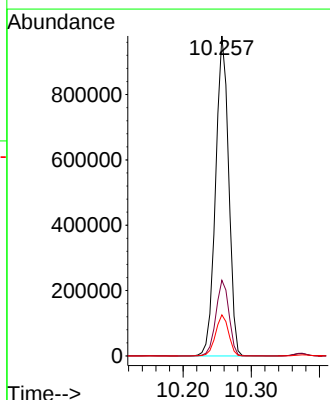
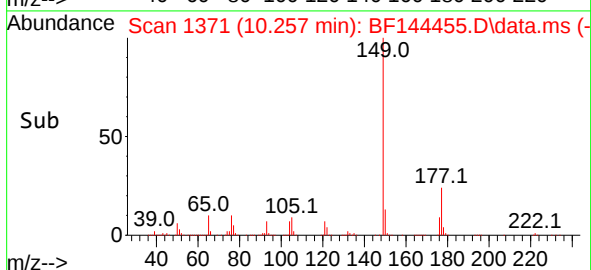
Reviewed By :Rahul Chavli 12/15/2025
Supervised By :Jagrut Upadhyay 12/15/2025

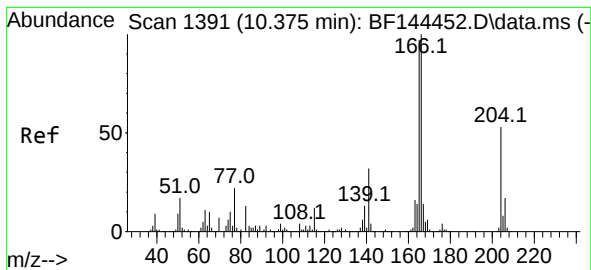


#60
Diethylphthalate
Concen: 42.915 ng
RT: 10.257 min Scan# 1371
Delta R.T. -0.000 min
Lab File: BF144455.D
Acq: 12 Dec 2025 17:36



Tgt Ion:149 Resp: 1296737
Ion Ratio Lower Upper
149 100
177 23.6 18.7 28.1
150 12.8 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 40.391 ng
RT: 10.374 min Scan# 1391
Delta R.T. -0.000 min
Lab File: BF144455.D
Acq: 12 Dec 2025 17:36

Instrument :

BNA_F

ClientSampleId :

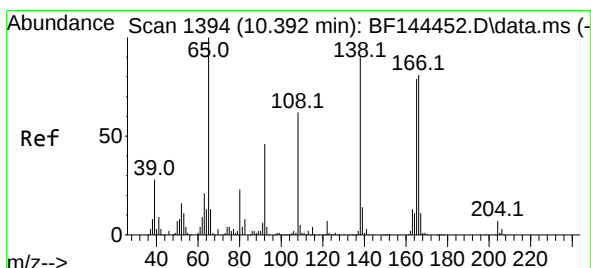
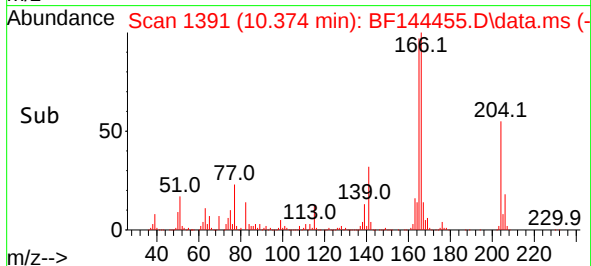
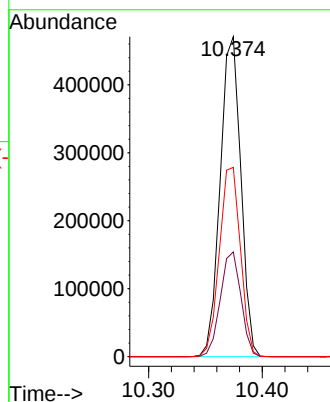
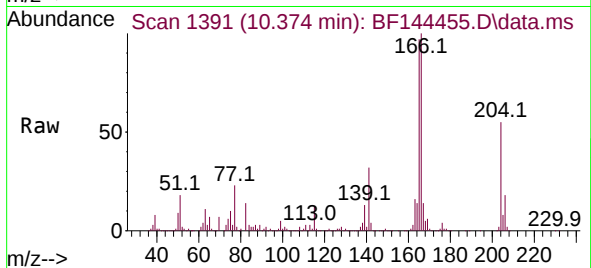
PB170916BS

Tgt Ion:204 Resp: 593925
Ion Ratio Lower Upper
204 100
206 32.7 26.3 39.5
141 59.1 48.4 72.6

Manual Integrations

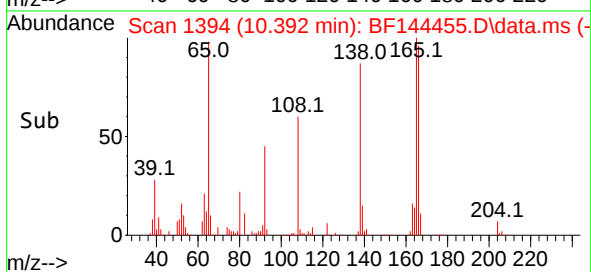
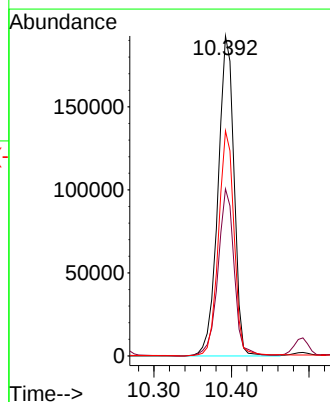
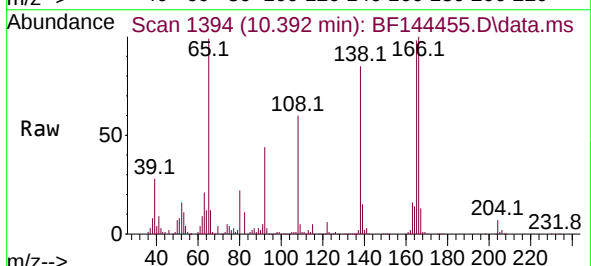
APPROVED

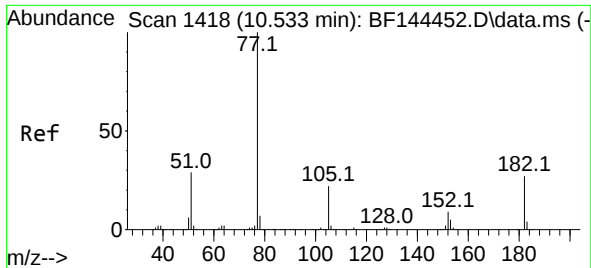
Reviewed By :Rahul Chavli 12/15/2025
Supervised By :Jagrut Upadhyay 12/15/2025



#62
4-Nitroaniline
Concen: 39.808 ng
RT: 10.392 min Scan# 1394
Delta R.T. 0.000 min
Lab File: BF144455.D
Acq: 12 Dec 2025 17:36

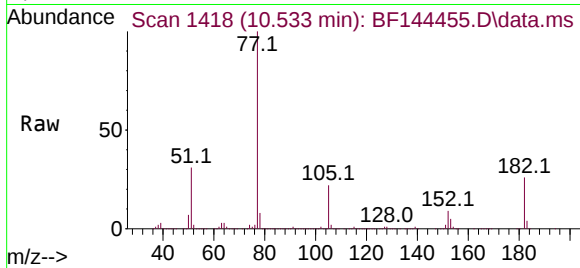
Tgt Ion:138 Resp: 277396
Ion Ratio Lower Upper
138 100
92 52.2 30.8 70.8
108 70.3 49.2 89.2





#63
Azobenzene
Concen: 41.892 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF144455.D
Acq: 12 Dec 2025 17:36

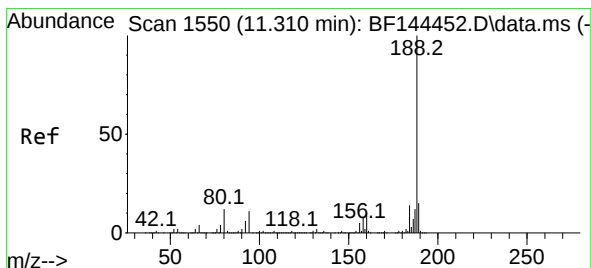
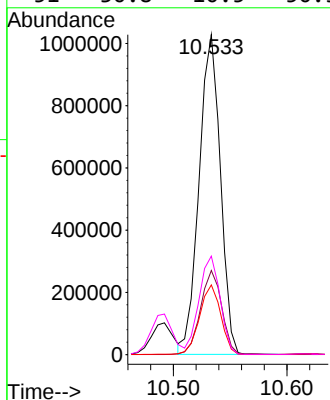
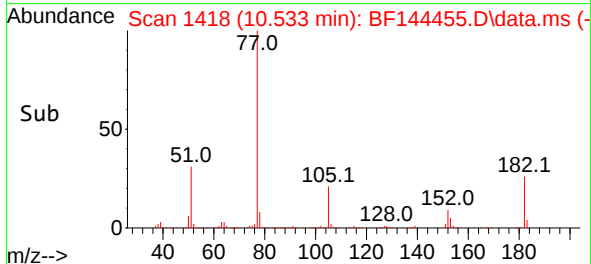
Instrument :
BNA_F
ClientSampleId :
PB170916BS



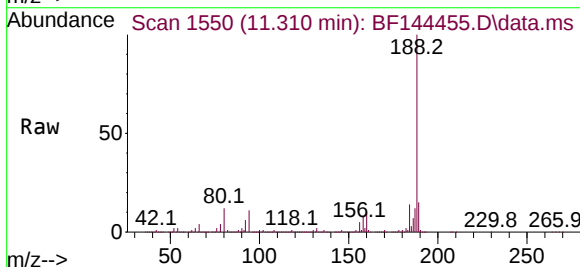
Tgt Ion: 77 Resp: 1337802
Ion Ratio Lower Upper
77 100
182 26.3 6.1 46.1
105 21.8 1.5 41.5
51 30.8 10.5 50.5

Manual Integrations
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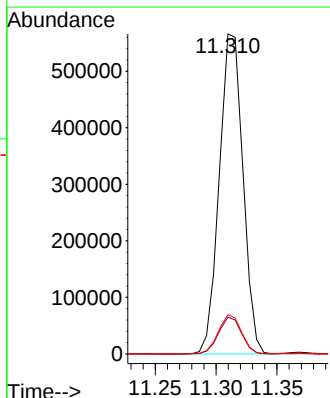
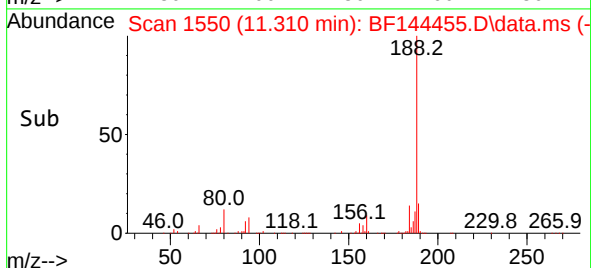
Reviewed By :Rahul Chavli 12/15/2025
Supervised By :Jagrut Upadhyay 12/15/2025

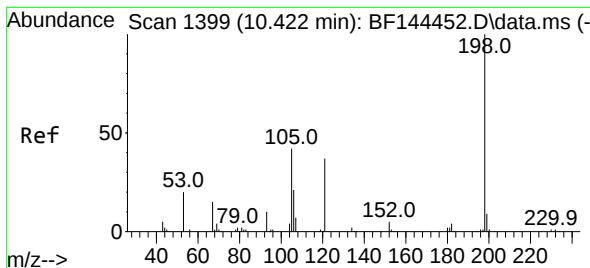


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1550
Delta R.T. -0.000 min
Lab File: BF144455.D
Acq: 12 Dec 2025 17:36



Tgt Ion:188 Resp: 766320
Ion Ratio Lower Upper
188 100
94 11.5 9.0 13.6
80 12.3 9.8 14.8





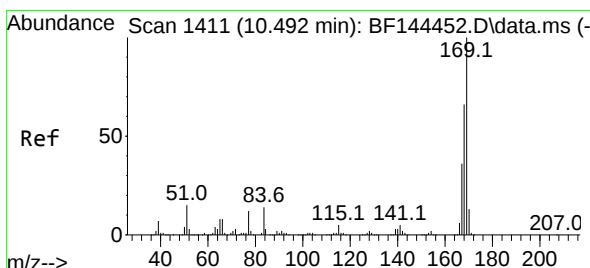
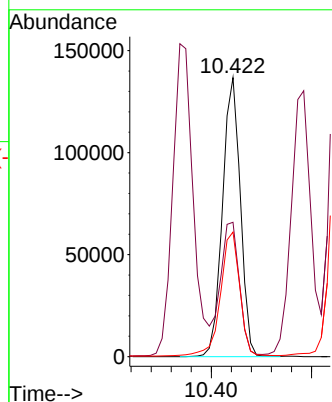
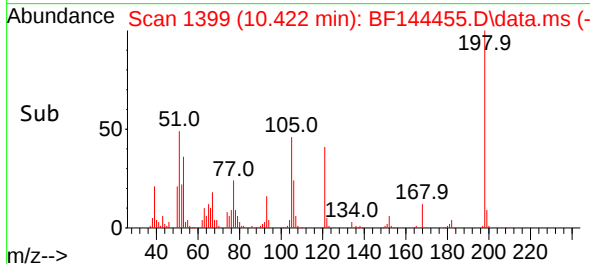
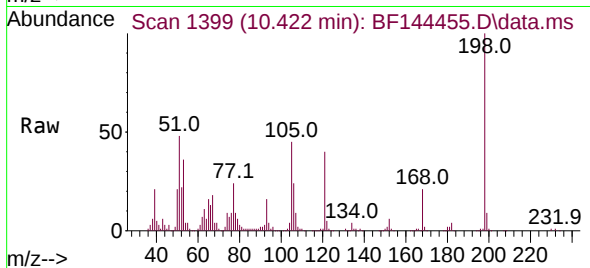
#65
4,6-Dinitro-2-methylphenol
Concen: 48.809 ng
RT: 10.422 min Scan# 1399
Delta R.T. -0.000 min
Lab File: BF144455.D
Acq: 12 Dec 2025 17:36

Instrument :
BNA_F
ClientSampleId :
PB170916BS

Tgt Ion:198 Resp: 169512
Ion Ratio Lower Upper
198 100
51 48.2 25.5 65.5
105 44.6 23.4 63.4

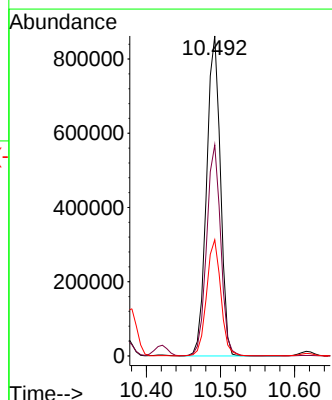
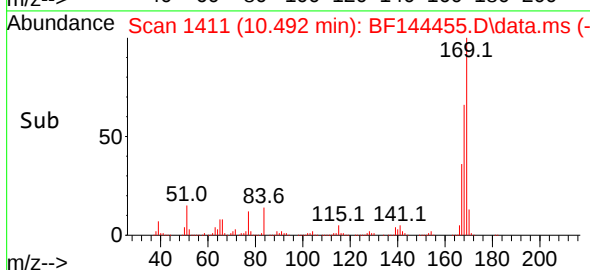
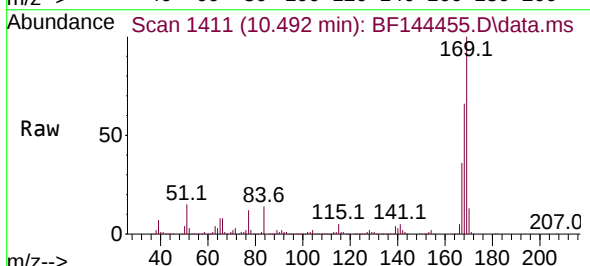
Manual Integrations
APPROVED

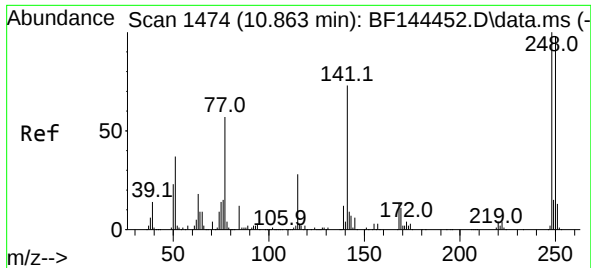
Reviewed By :Rahul Chavli 12/15/2025
Supervised By :Jagrut Upadhyay 12/15/2025



#66
n-Nitrosodiphenylamine
Concen: 42.402 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF144455.D
Acq: 12 Dec 2025 17:36

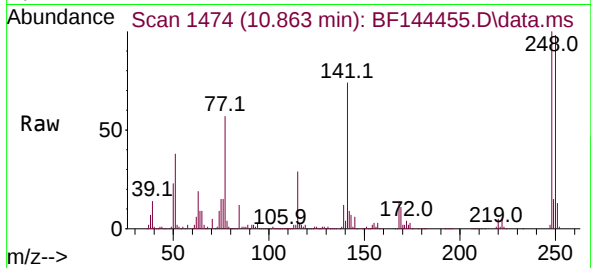
Tgt Ion:169 Resp: 1113521
Ion Ratio Lower Upper
169 100
168 65.9 52.6 79.0
167 36.3 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 41.947 ng
RT: 10.863 min Scan# 1474
Delta R.T. -0.000 min
Lab File: BF144455.D
Acq: 12 Dec 2025 17:36

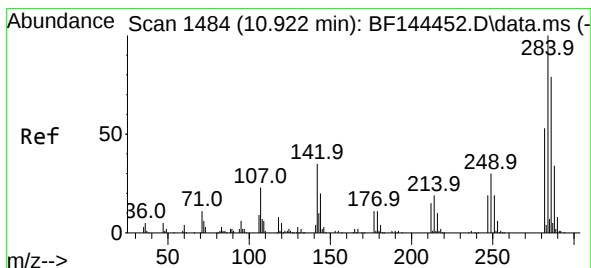
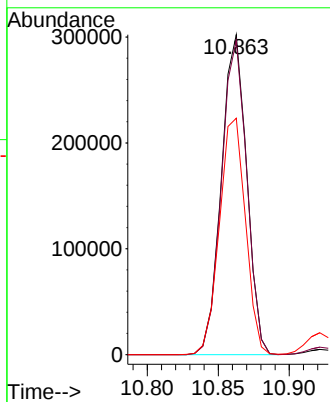
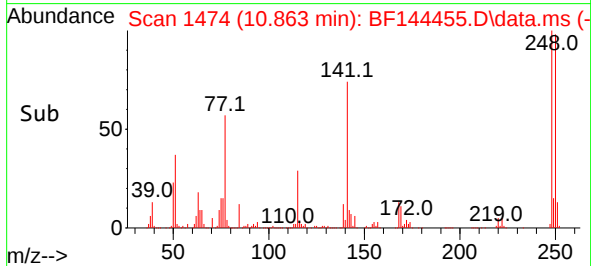
Instrument :
BNA_F
ClientSampleId :
PB170916BS



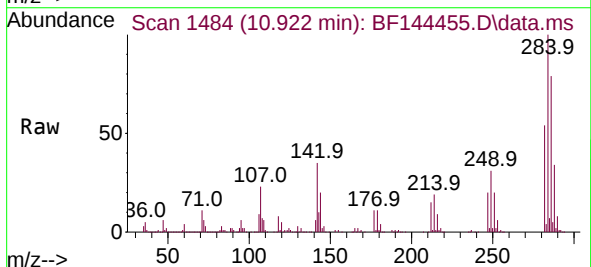
Tgt Ion:248 Resp: 375262
Ion Ratio Lower Upper
248 100
250 98.2 78.2 117.4
141 73.9 58.5 87.7

Manual Integrations
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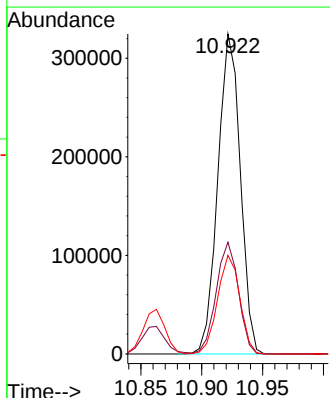
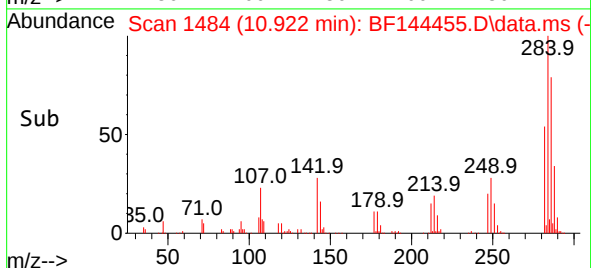
Reviewed By :Rahul Chavli 12/15/2025
Supervised By :Jagrut Upadhyay 12/15/2025

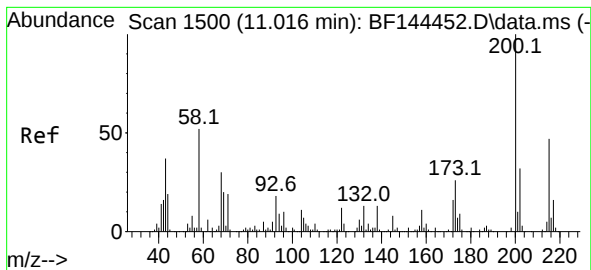


#68
Hexachlorobenzene
Concen: 42.250 ng
RT: 10.922 min Scan# 1484
Delta R.T. -0.000 min
Lab File: BF144455.D
Acq: 12 Dec 2025 17:36



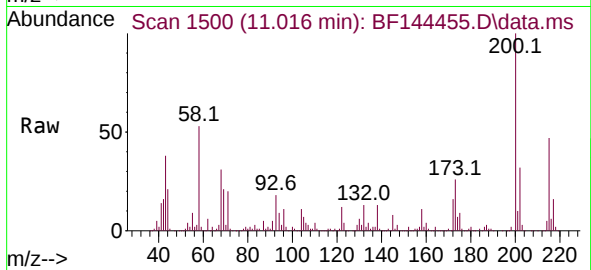
Tgt Ion:284 Resp: 417250
Ion Ratio Lower Upper
284 100
142 34.9 28.2 42.2
249 30.8 24.7 37.1





#69
Atrazine
Concen: 45.300 ng
RT: 11.016 min Scan# 1100
Delta R.T. -0.000 min
Lab File: BF144455.D
Acq: 12 Dec 2025 17:36

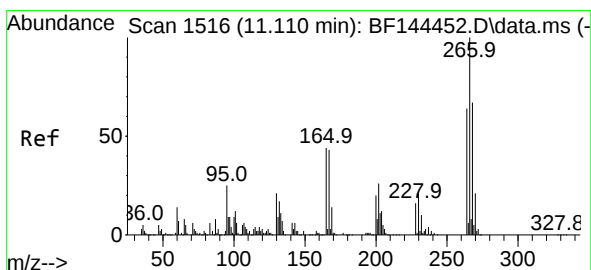
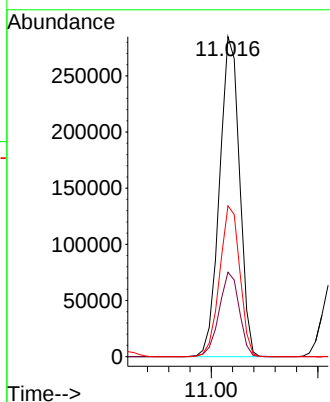
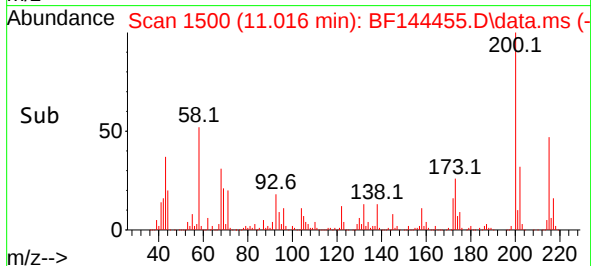
Instrument :
BNA_F
ClientSampleId :
PB170916BS



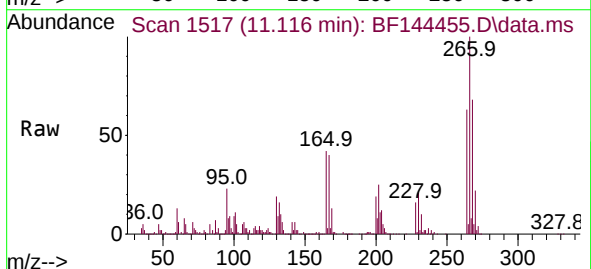
Tgt Ion:200 Resp: 372629
Ion Ratio Lower Upper
200 100
173 26.4 6.2 46.2
215 47.1 27.2 67.2

Manual Integrations
APPROVED

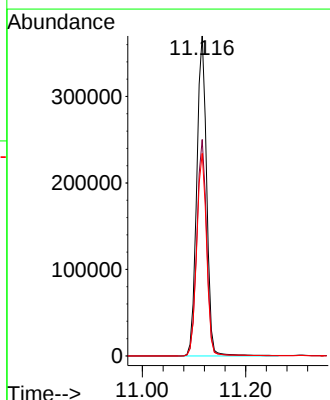
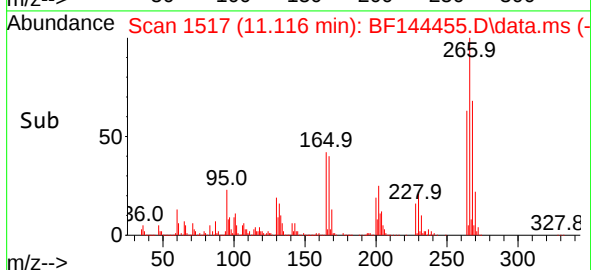
Reviewed By :Rahul Chavli 12/15/2025
Supervised By :Jagrut Upadhyay 12/15/2025

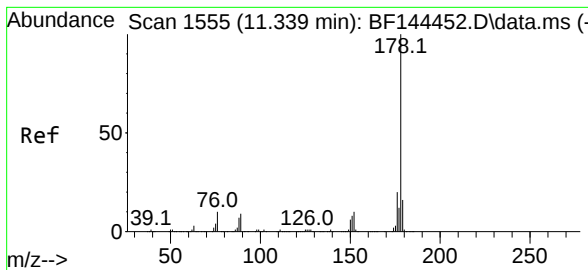


#70
Pentachlorophenol
Concen: 87.000 ng
RT: 11.116 min Scan# 1517
Delta R.T. 0.006 min
Lab File: BF144455.D
Acq: 12 Dec 2025 17:36



Tgt Ion:266 Resp: 490074
Ion Ratio Lower Upper
266 100
268 67.6 53.8 80.8
264 63.3 51.2 76.8





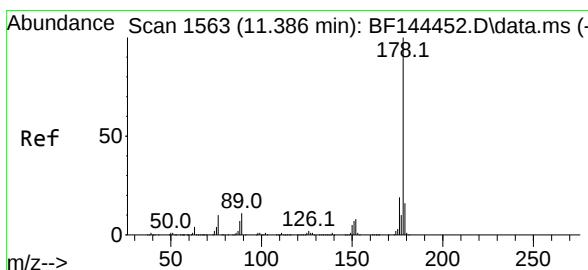
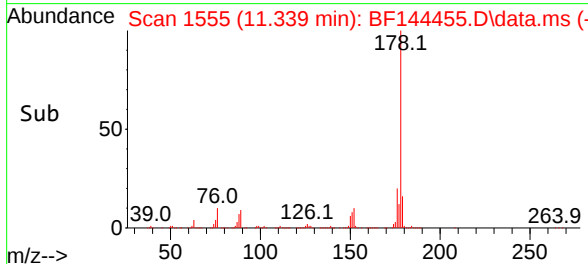
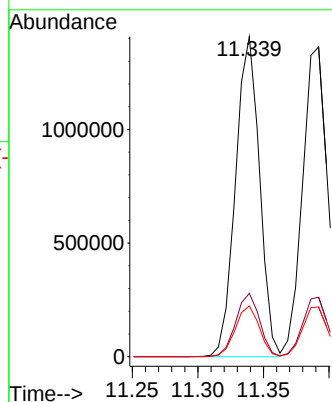
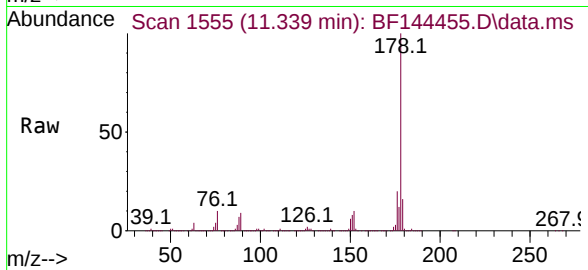
#71
Phenanthrene
Concen: 40.475 ng
RT: 11.339 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF144455.D
Acq: 12 Dec 2025 17:36

Instrument :
BNA_F
ClientSampleId :
PB170916BS

Tgt Ion:178 Resp: 178814
Ion Ratio Lower Upper
178 100
176 19.8 15.6 23.4
179 15.8 12.5 18.7

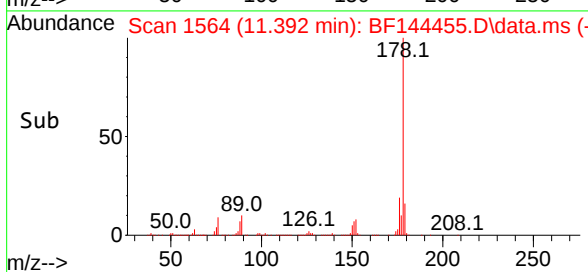
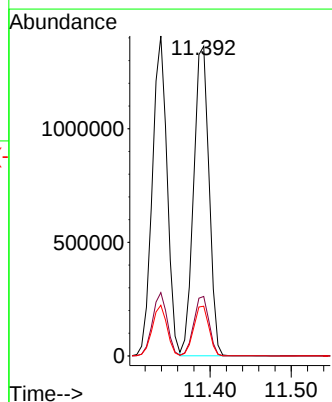
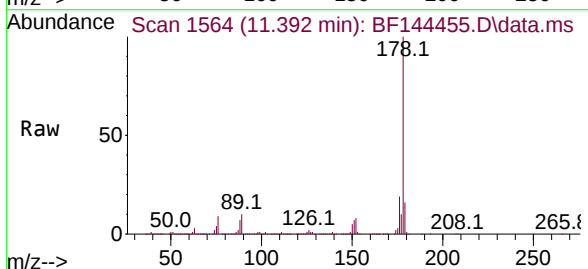
Manual Integrations
APPROVED

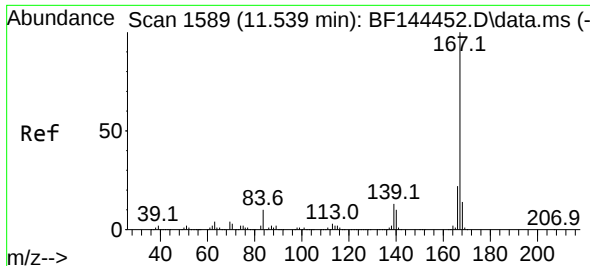
Reviewed By :Rahul Chavli 12/15/2025
Supervised By :Jagrut Upadhyay 12/15/2025



#72
Anthracene
Concen: 39.983 ng
RT: 11.392 min Scan# 1564
Delta R.T. 0.006 min
Lab File: BF144455.D
Acq: 12 Dec 2025 17:36

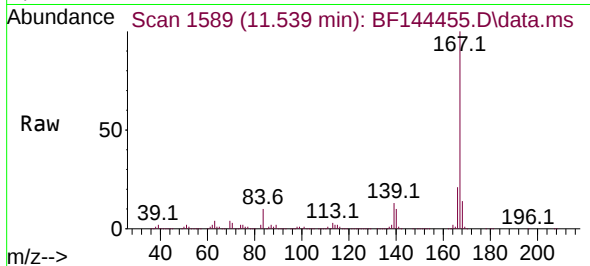
Tgt Ion:178 Resp: 1787809
Ion Ratio Lower Upper
178 100
176 19.2 15.2 22.8
179 16.1 12.7 19.1





#73
 Carbazole
 Concen: 40.158 ng
 RT: 11.539 min Scan# 1589
 Delta R.T. -0.000 min
 Lab File: BF144455.D
 Acq: 12 Dec 2025 17:36

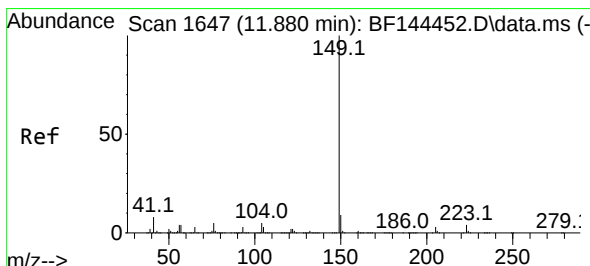
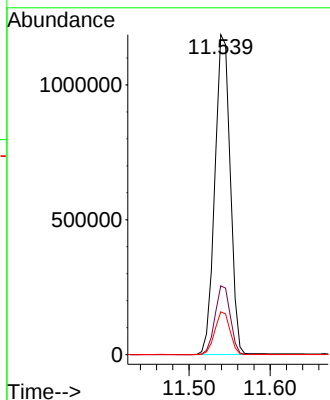
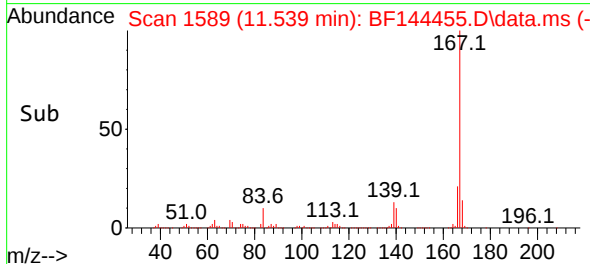
Instrument :
 BNA_F
 ClientSampleId :
 PB170916BS



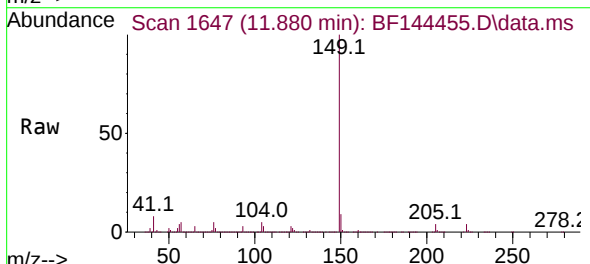
Tgt Ion:167 Resp: 1558875
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.4 26.2
 139 13.4 10.7 16.1

Manual Integrations
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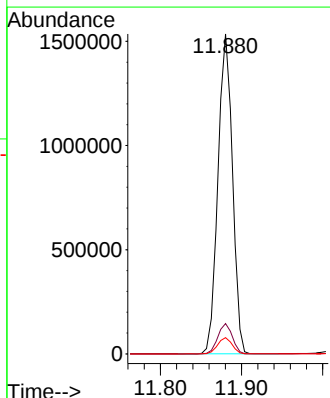
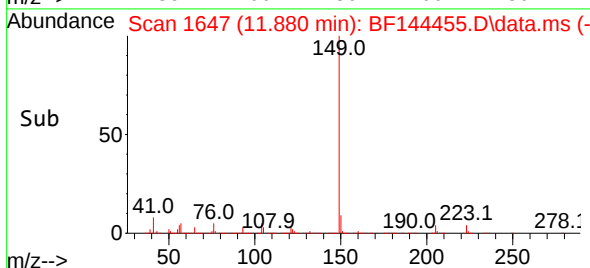
Reviewed By :Rahul Chavli 12/15/2025
 Supervised By :Jagrut Upadhyay 12/15/2025

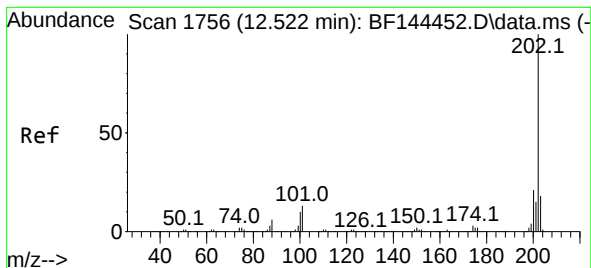


#74
 Di-n-butylphthalate
 Concen: 45.806 ng
 RT: 11.880 min Scan# 1647
 Delta R.T. -0.000 min
 Lab File: BF144455.D
 Acq: 12 Dec 2025 17:36



Tgt Ion:149 Resp: 1900734
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.5 11.3
 104 5.1 3.9 5.9





#75
Fluoranthene
Concen: 39.500 ng
RT: 12.521 min Scan# 1756
Delta R.T. -0.000 min
Lab File: BF144455.D
Acq: 12 Dec 2025 17:36

Instrument :

BNA_F

ClientSampleId :

PB170916BS

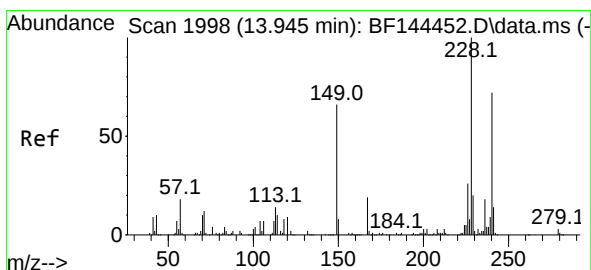
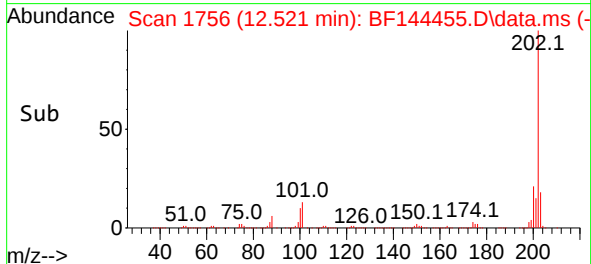
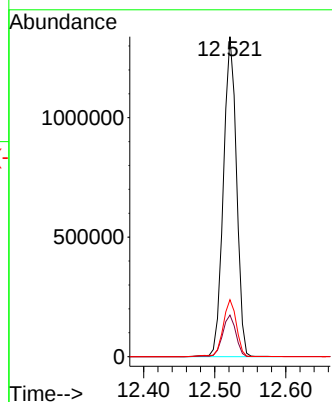
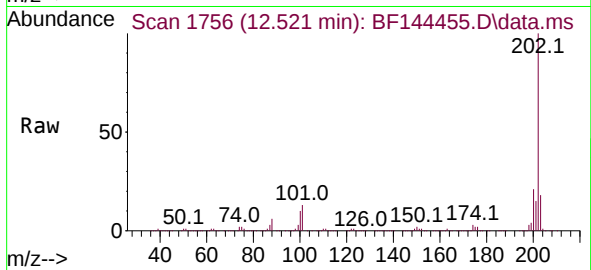
Tgt Ion:202 Resp: 1723223
Ion Ratio Lower Upper
202 100
101 13.0 0.0 32.9
203 17.8 0.0 37.8

Manual Integrations

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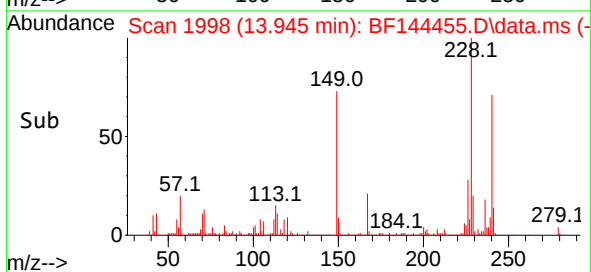
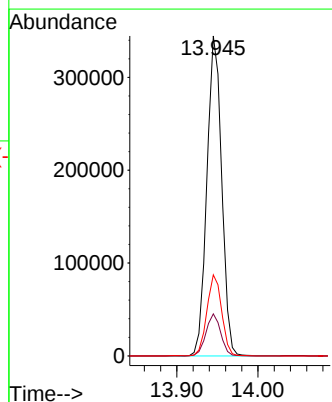
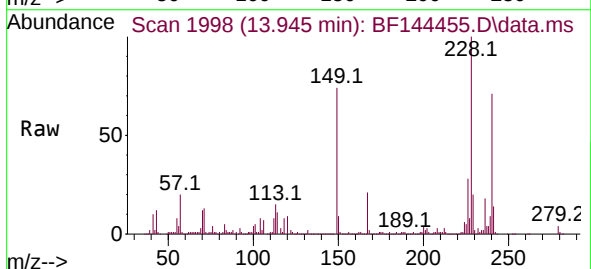
Reviewed By :Rahul Chavli 12/15/2025

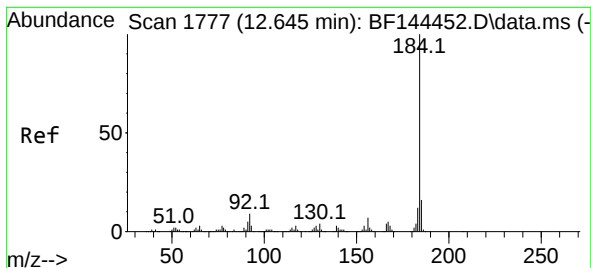
Supervised By :Jagrut Upadhyay 12/15/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 1998
Delta R.T. -0.000 min
Lab File: BF144455.D
Acq: 12 Dec 2025 17:36

Tgt Ion:240 Resp: 437655
Ion Ratio Lower Upper
240 100
120 13.1 10.3 15.5
236 25.3 20.2 30.4





#77

Benzidine

Concen: 6.800 ng

RT: 12.645 min Scan# 1777

Delta R.T. -0.000 min

Lab File: BF144455.D

Acq: 12 Dec 2025 17:36

Instrument :

BNA_F

ClientSampleId :

PB170916BS

Tgt Ion:184 Resp: 105970

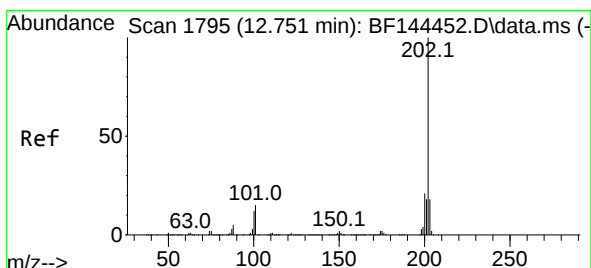
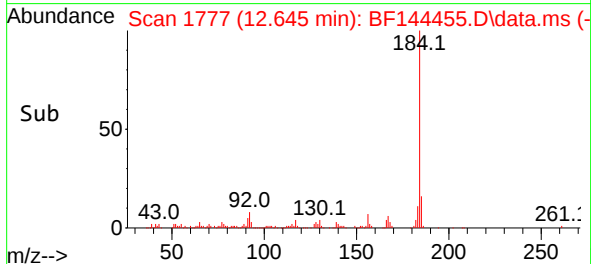
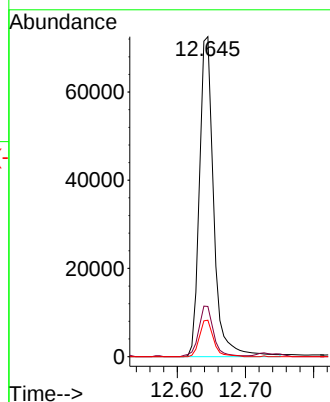
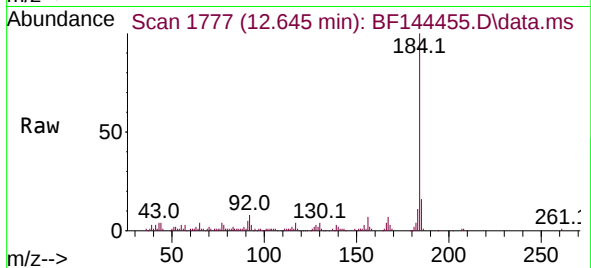
Ion	Ratio	Lower	Upper
184	100		
185	15.7	12.6	18.8
183	11.4	9.4	14.0

Manual Integrations

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Reviewed By :Rahul Chavli 12/15/2025

Supervised By :Jagrut Upadhyay 12/15/2025



#78

Pyrene

Concen: 42.695 ng

RT: 12.751 min Scan# 1795

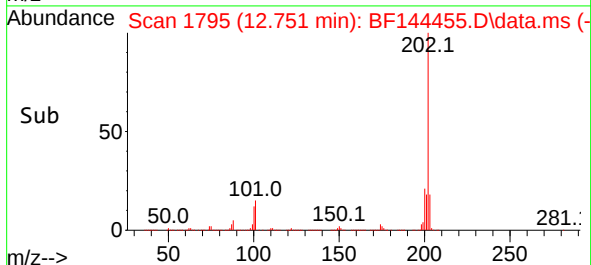
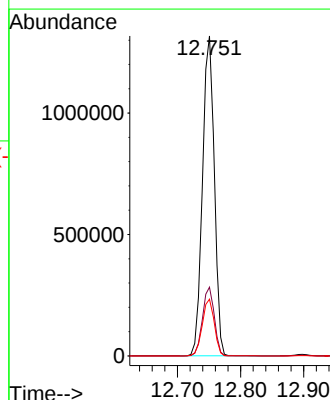
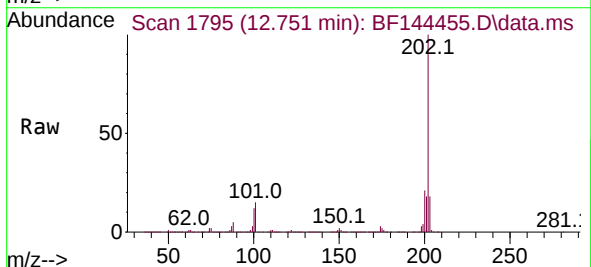
Delta R.T. -0.000 min

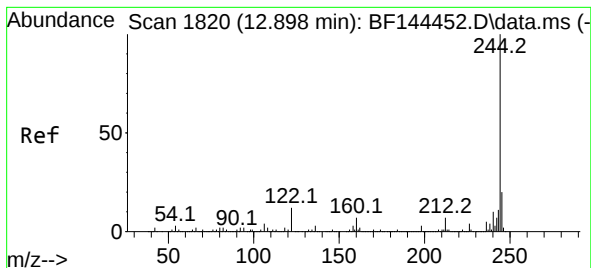
Lab File: BF144455.D

Acq: 12 Dec 2025 17:36

Tgt Ion:202 Resp: 1711935

Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.9	25.3
203	17.7	14.2	21.4





#79

Terphenyl-d14

Concen: 78.084 ng

RT: 12.898 min Scan# 1820

Delta R.T. -0.000 min

Lab File: BF144455.D

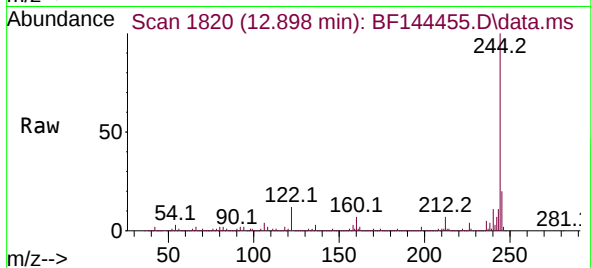
Acq: 12 Dec 2025 17:36

Instrument :

BNA_F

ClientSampleId :

PB170916BS



Tgt Ion:244 Resp: 2164576

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

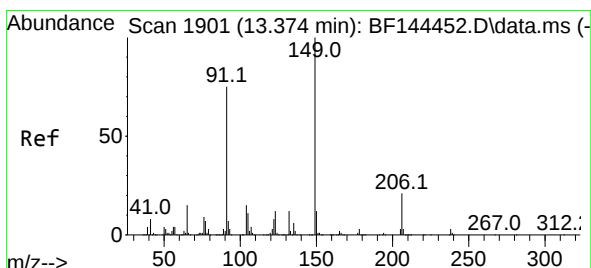
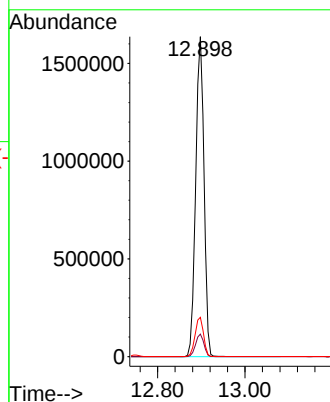
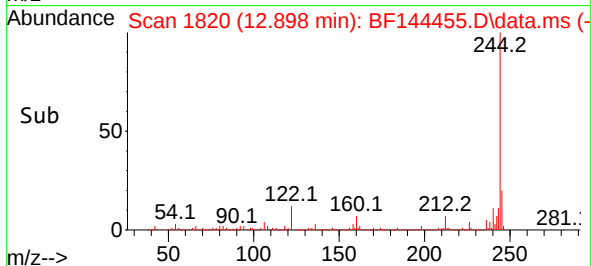
122 12.3 9.9 14.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 12/15/2025

Supervised By :Jagrut Upadhyay 12/15/2025



#80

Butylbenzylphthalate

Concen: 46.407 ng

RT: 13.374 min Scan# 1901

Delta R.T. 0.000 min

Lab File: BF144455.D

Acq: 12 Dec 2025 17:36

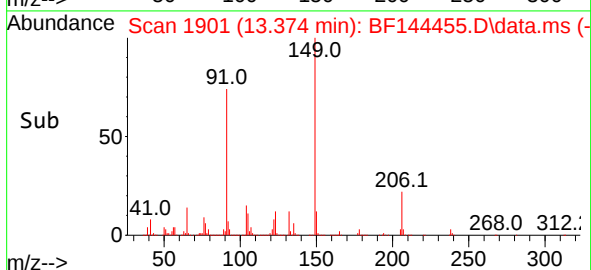
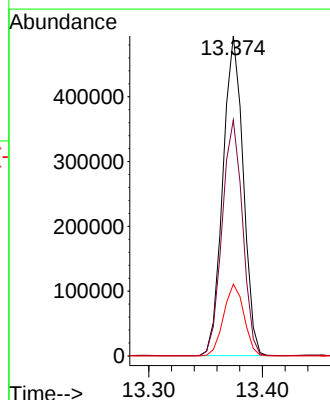
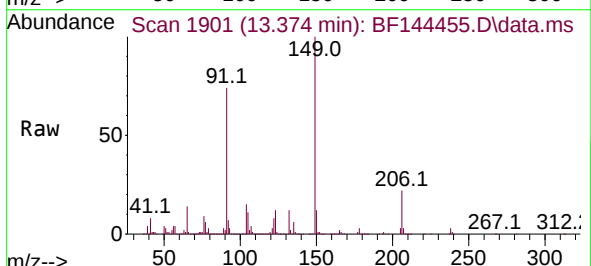
Tgt Ion:149 Resp: 614174

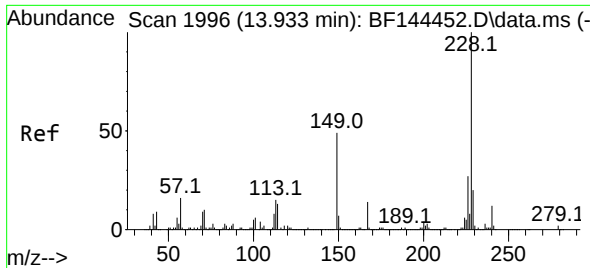
Ion Ratio Lower Upper

149 100

91 73.7 59.8 89.8

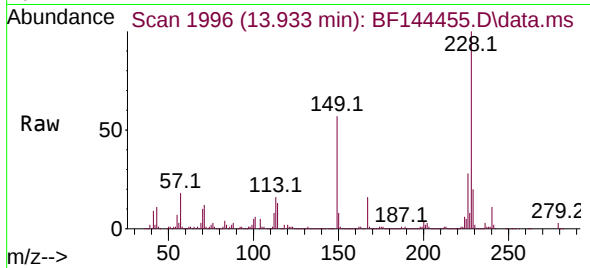
206 22.4 17.0 25.6





#81
Benzo(a)anthracene
Concen: 42.870 ng
RT: 13.933 min Scan# 1996
Delta R.T. -0.000 min
Lab File: BF144455.D
Acq: 12 Dec 2025 17:36

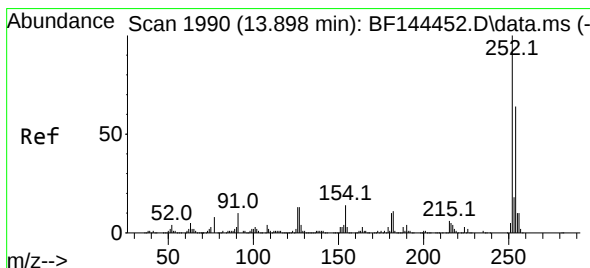
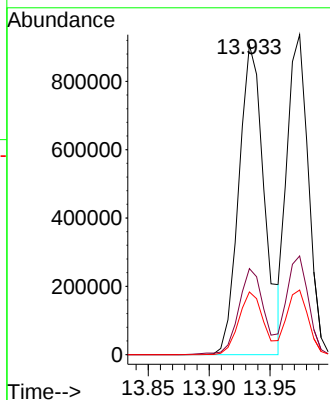
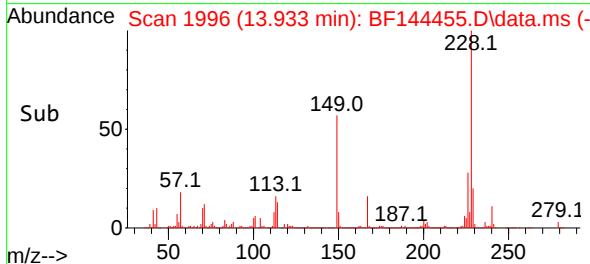
Instrument :
BNA_F
ClientSampleId :
PB170916BS



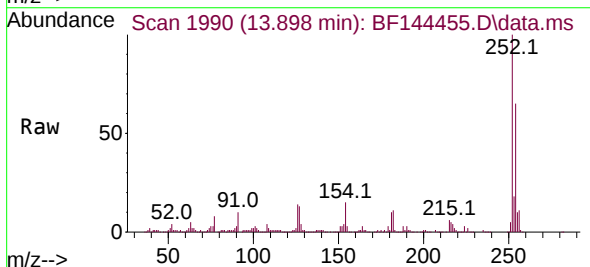
Tgt Ion:228 Resp: 132127
Ion Ratio Lower Upper
228 100
226 27.8 21.9 32.9
229 20.2 16.1 24.1

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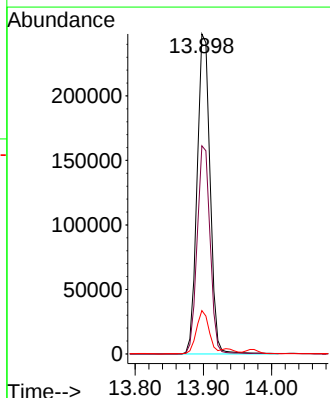
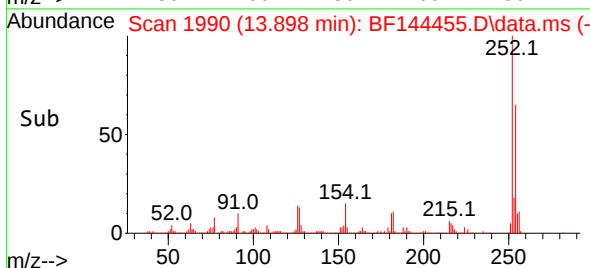
Reviewed By :Rahul Chavli 12/15/2025
Supervised By :Jagrut Upadhyay 12/15/2025

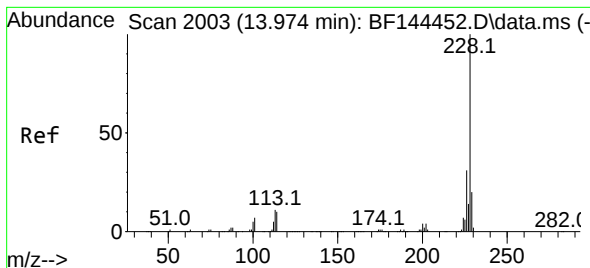


#82
3,3'-Dichlorobenzidine
Concen: 37.635 ng
RT: 13.898 min Scan# 1990
Delta R.T. -0.000 min
Lab File: BF144455.D
Acq: 12 Dec 2025 17:36



Tgt Ion:252 Resp: 328675
Ion Ratio Lower Upper
252 100
254 65.1 51.1 76.7
126 13.5 10.4 15.6





#83

Chrysene

Concen: 40.449 ng

RT: 13.974 min Scan# 2003

Delta R.T. -0.000 min

Lab File: BF144455.D

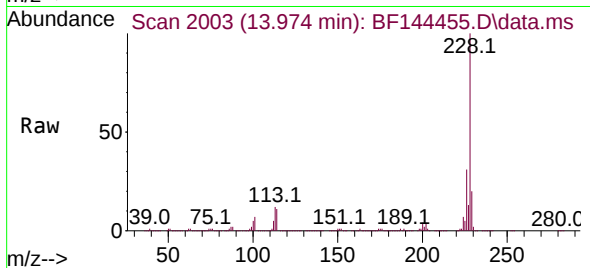
Acq: 12 Dec 2025 17:36

Instrument :

BNA_F

ClientSampleId :

PB170916BS



Tgt Ion:228 Resp: 1140932

Ion Ratio Lower Upper

228 100

226 30.8 24.3 36.5

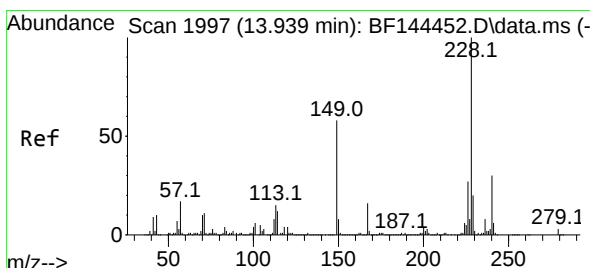
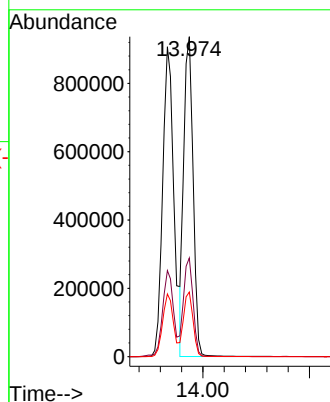
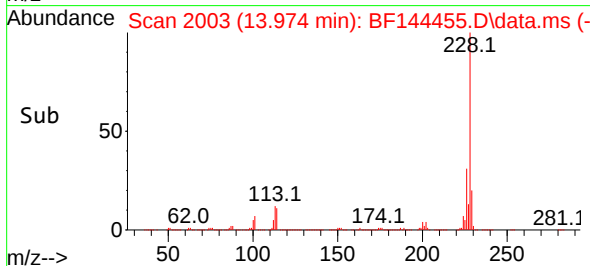
229 20.2 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 12/15/2025

Supervised By :Jagrut Upadhyay 12/15/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.059 ng

RT: 13.939 min Scan# 1997

Delta R.T. -0.000 min

Lab File: BF144455.D

Acq: 12 Dec 2025 17:36

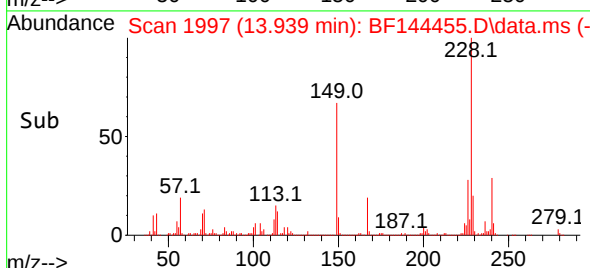
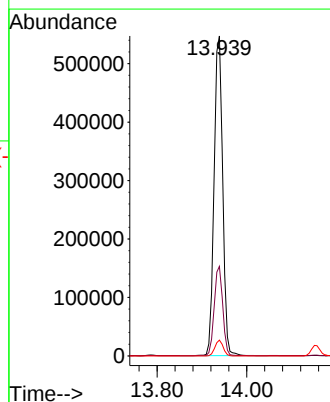
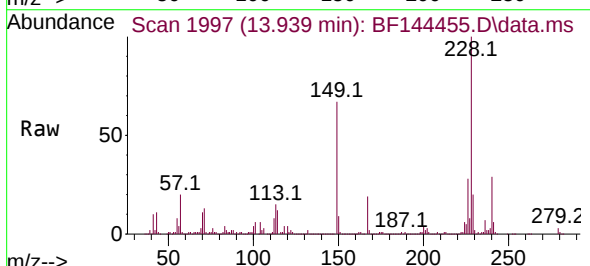
Tgt Ion:149 Resp: 725596

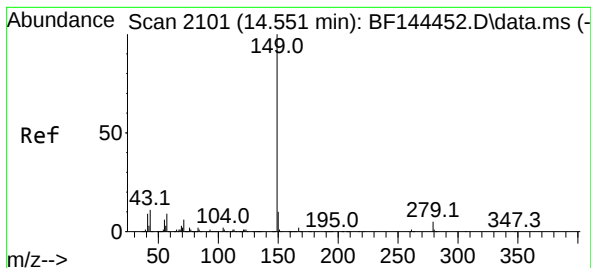
Ion Ratio Lower Upper

149 100

167 28.0 22.6 34.0

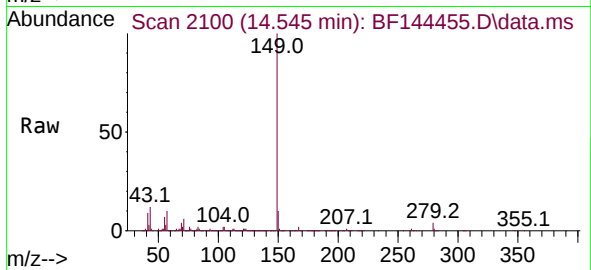
279 4.9 3.7 5.5





#85
Di-n-octyl phthalate
Concen: 50.168 ng
RT: 14.545 min Scan# 2100
Delta R.T. -0.006 min
Lab File: BF144455.D
Acq: 12 Dec 2025 17:36

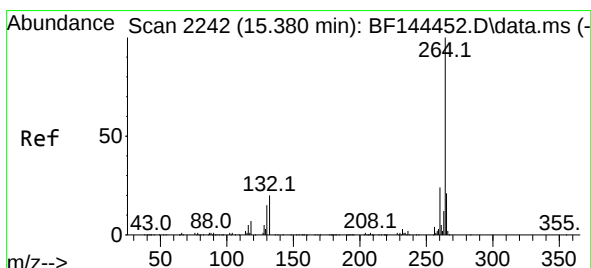
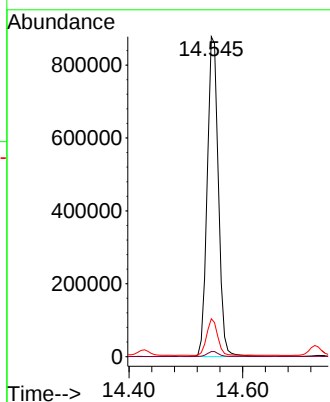
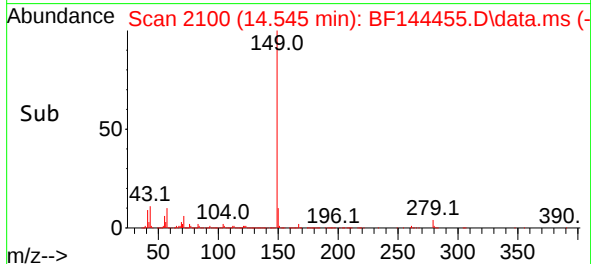
Instrument :
BNA_F
ClientSampleId :
PB170916BS



Tgt Ion:149 Resp: 1200791
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.1 9.2 13.8

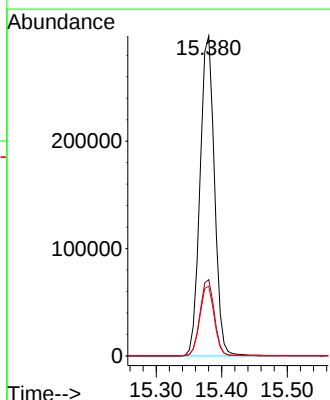
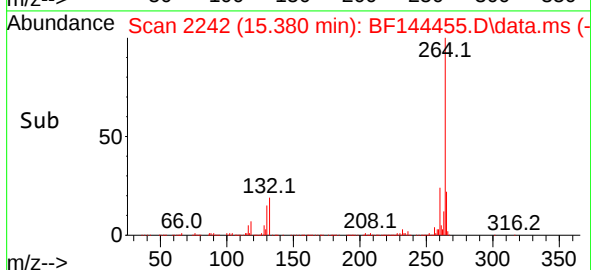
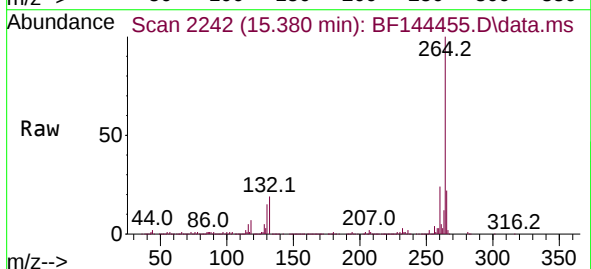
Manual Integrations
APPROVED

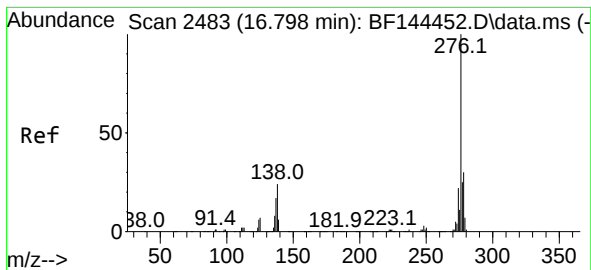
Reviewed By :Rahul Chavli 12/15/2025
Supervised By :Jagrut Upadhyay 12/15/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.380 min Scan# 2242
Delta R.T. -0.000 min
Lab File: BF144455.D
Acq: 12 Dec 2025 17:36

Tgt Ion:264 Resp: 454153
Ion Ratio Lower Upper
264 100
260 23.8 19.0 28.6
265 21.8 17.1 25.7





#87
Indeno(1,2,3-cd)pyrene
Concen: 45.283 ng
RT: 16.798 min Scan# 2483
Delta R.T. -0.000 min
Lab File: BF144455.D
Acq: 12 Dec 2025 17:36

Instrument :

BNA_F

ClientSampleId :

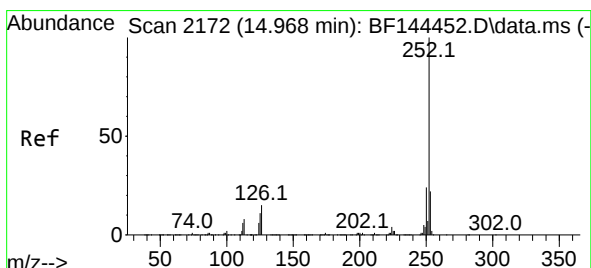
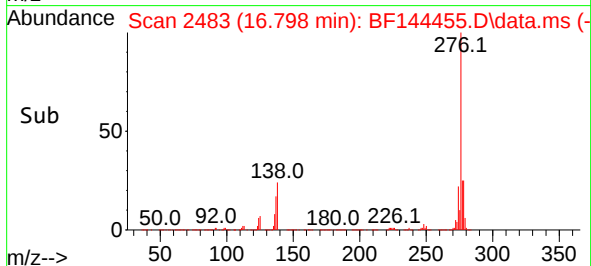
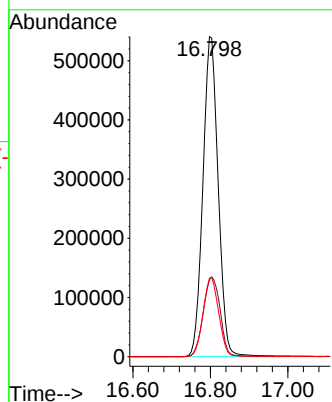
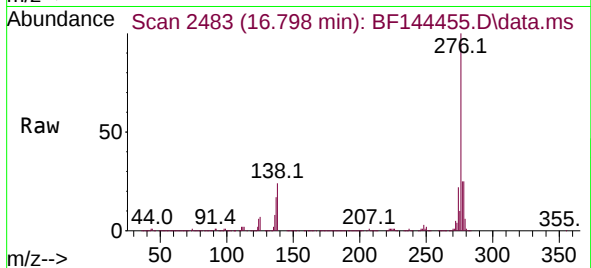
PB170916BS

Tgt Ion:276 Resp: 1476152
Ion Ratio Lower Upper
276 100
138 27.7 21.9 32.9
277 25.4 20.2 30.2

Manual Integrations

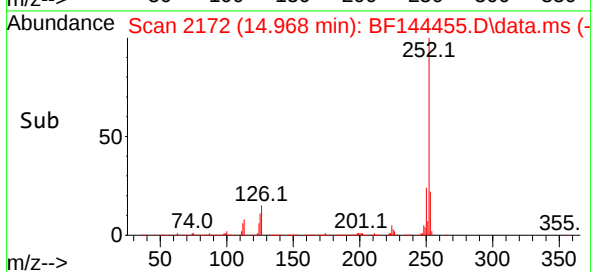
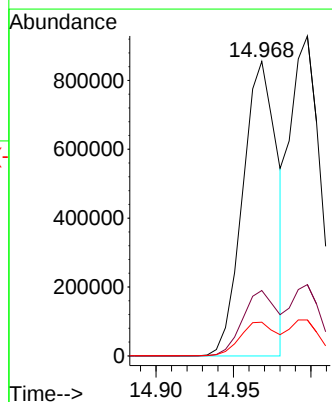
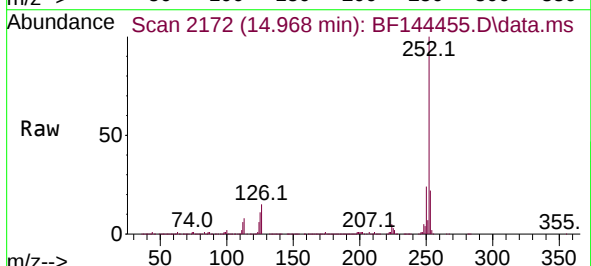
APPROVED

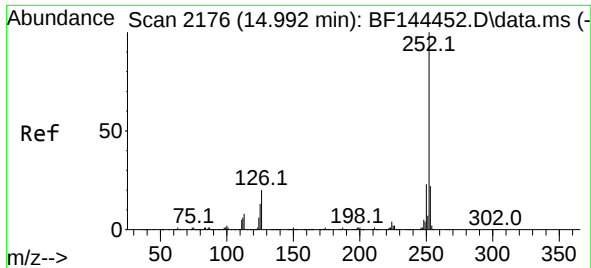
Reviewed By :Rahul Chavli 12/15/2025
Supervised By :Jagrut Upadhyay 12/15/2025



#88
Benzo(b)fluoranthene
Concen: 44.163 ng
RT: 14.968 min Scan# 2172
Delta R.T. -0.000 min
Lab File: BF144455.D
Acq: 12 Dec 2025 17:36

Tgt Ion:252 Resp: 1316693
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 11.4 9.0 13.4





#89

Benzo(k)fluoranthene

Concen: 44.745 ng

RT: 14.998 min Scan# 2177

Delta R.T. 0.006 min

Lab File: BF144455.D

Acq: 12 Dec 2025 17:36

Instrument :

BNA_F

ClientSampleId :

PB170916BS

Tgt Ion:252 Resp: 126141

Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

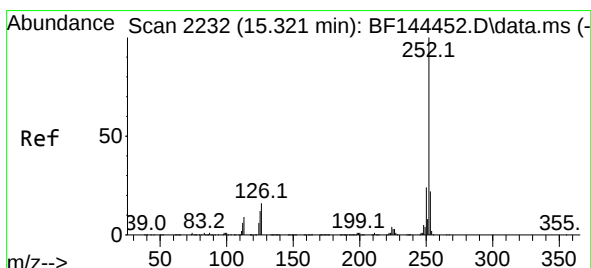
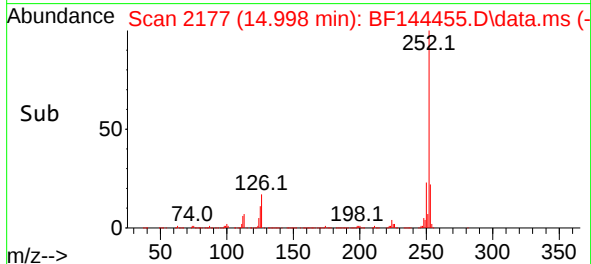
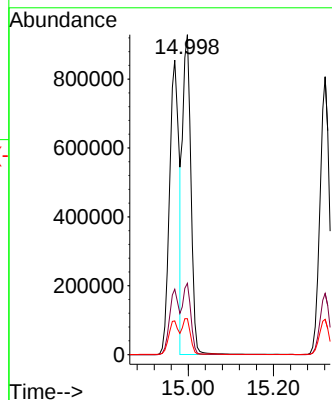
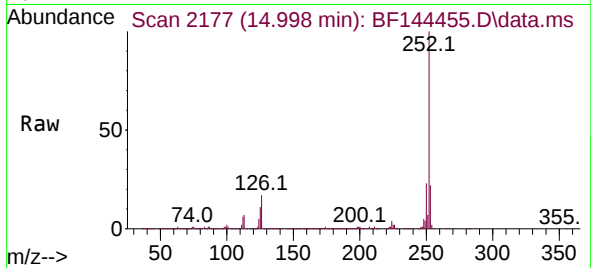
125 11.2 9.7 14.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 12/15/2025

Supervised By :Jagrut Upadhyay 12/15/2025



#90

Benzo(a)pyrene

Concen: 47.701 ng

RT: 15.321 min Scan# 2232

Delta R.T. -0.000 min

Lab File: BF144455.D

Acq: 12 Dec 2025 17:36

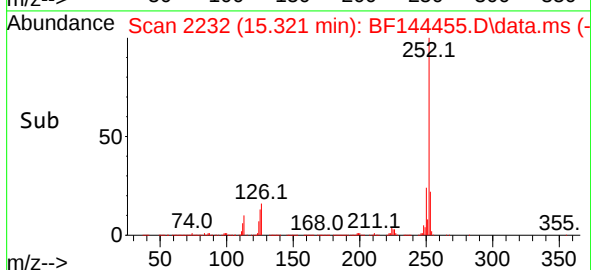
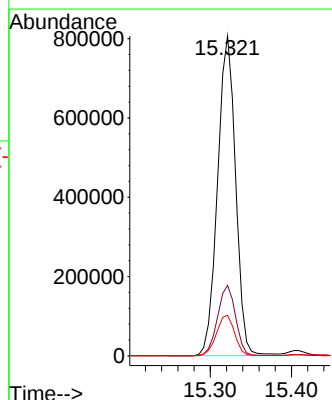
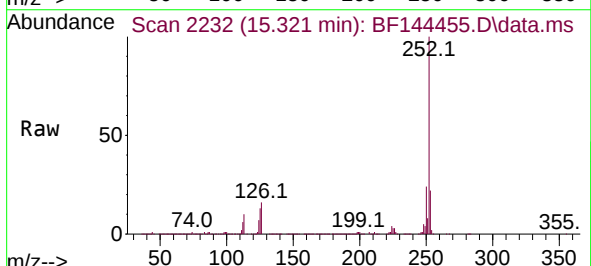
Tgt Ion:252 Resp: 1243123

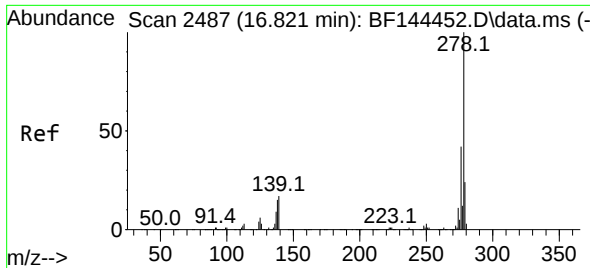
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

125 12.7 9.9 14.9





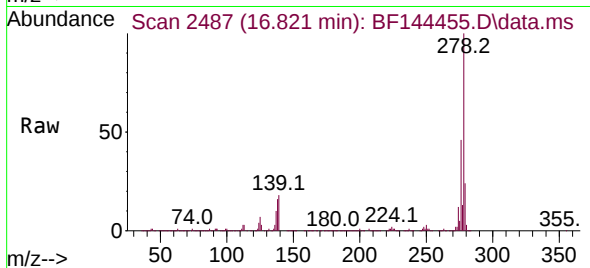
#91
Dibenzo(a,h)anthracene
Concen: 45.177 ng
RT: 16.821 min Scan# 2487
Delta R.T. -0.000 min
Lab File: BF144455.D
Acq: 12 Dec 2025 17:36

Instrument :

BNA_F

ClientSampleId :

PB170916BS

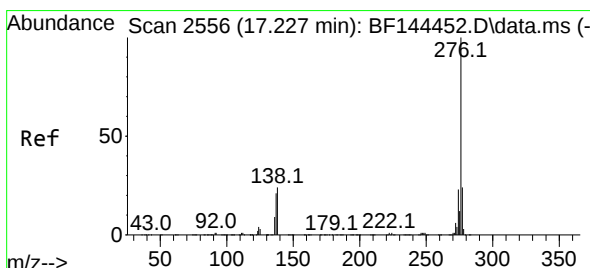
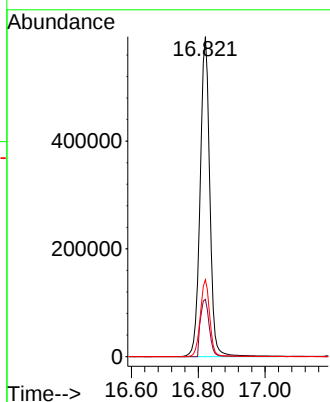
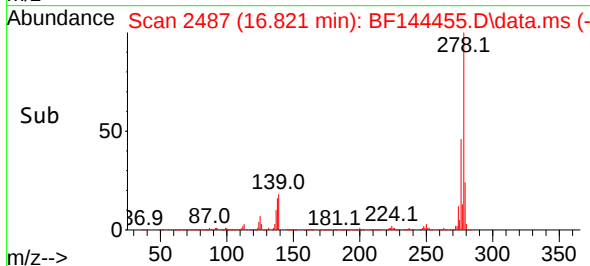


Tgt Ion:278 Resp: 1189334
Ion Ratio Lower Upper
278 100
139 17.9 13.6 20.4
279 24.0 19.2 28.8

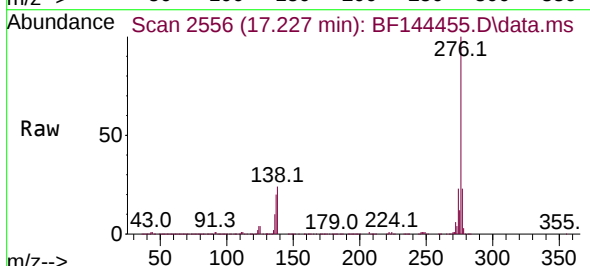
Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 12/15/2025
Supervised By :Jagrut Upadhyay 12/15/2025



#92
Benzo(g,h,i)perylene
Concen: 44.311 ng
RT: 17.227 min Scan# 2556
Delta R.T. -0.000 min
Lab File: BF144455.D
Acq: 12 Dec 2025 17:36



Tgt Ion:276 Resp: 1186128
Ion Ratio Lower Upper
276 100
277 23.3 18.8 28.2
138 24.4 19.4 29.2

