

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
 Data File : BF144245.D
 Acq On : 13 Nov 2025 15:55
 Operator : RC/JU
 Sample : PB170473BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170473BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
 Supervised By :Sohil Jodhani 11/14/2025

Quant Time: Nov 13 16:15:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	61443	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	243453	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	140132	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	236951	20.000	ng	0.00
76) Chrysene-d12	14.045	240	118377	20.000	ng	0.00
86) Perylene-d12	15.527	264	157737	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	467740	119.127	ng	0.00
7) Phenol-d6	6.504	99	533527	119.923	ng	0.00
23) Nitrobenzene-d5	7.434	82	350581	83.169	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	216265	122.983	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	729154	76.850	ng	0.00
79) Terphenyl-d14	12.986	244	719166	96.499	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.699	88	62578	38.550	ng	98
3) Pyridine	3.463	79	179124	39.552	ng	99
4) n-Nitrosodimethylamine	3.410	42	114179	48.267	ng	97
6) Aniline	6.528	93	207544	32.743	ng	# 81
8) 2-Chlorophenol	6.651	128	167897	43.603	ng	98
9) Benzaldehyde	6.416	77	102064	40.627	ng	93
10) Phenol	6.516	94	229486	42.219	ng	90
11) bis(2-Chloroethyl)ether	6.604	93	172855	43.642	ng	97
12) 1,3-Dichlorobenzene	6.810	146	208708	43.925	ng	97
13) 1,4-Dichlorobenzene	6.887	146	207397	43.569	ng	99
14) 1,2-Dichlorobenzene	7.034	146	196374	43.040	ng	99
15) Benzyl Alcohol	7.010	79	163209	46.329	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.140	45	327138	44.852	ng	98
17) 2-Methylphenol	7.122	107	133634	43.625	ng	97
18) Hexachloroethane	7.375	117	69026	43.646	ng	96
19) n-Nitroso-di-n-propyla...	7.281	70	129284	44.143	ng	94
20) 3+4-Methylphenols	7.275	107	155390	43.032	ng	96
22) Acetophenone	7.275	105	223896	42.871	ng	93
24) Nitrobenzene	7.451	77	195475	42.710	ng	100
25) Isophorone	7.687	82	353672	44.357	ng	100
26) 2-Nitrophenol	7.769	139	101091	44.620	ng	99
27) 2,4-Dimethylphenol	7.804	122	164286	48.380	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	214693	43.120	ng	98
29) 2,4-Dichlorophenol	8.010	162	159690	40.801	ng	98
30) 1,2,4-Trichlorobenzene	8.087	180	175763	43.734	ng	95
31) Naphthalene	8.169	128	482201	41.638	ng	99
32) Benzoic acid	7.934	122	106932	42.959	ng	98
33) 4-Chloroaniline	8.222	127	69710	16.504	ng	100
34) Hexachlorobutadiene	8.287	225	121656	40.166	ng	96
35) Caprolactam	8.592	113	49172m	45.858	ng	
36) 4-Chloro-3-methylphenol	8.704	107	155296	44.274	ng	98
37) 2-Methylnaphthalene	8.863	142	302563	39.076	ng	99
38) 1-Methylnaphthalene	8.963	142	302350	40.470	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	184203	40.109	ng	98
41) Hexachlorocyclopentadiene	9.016	237	185990	96.064	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	128539	41.122	ng	99

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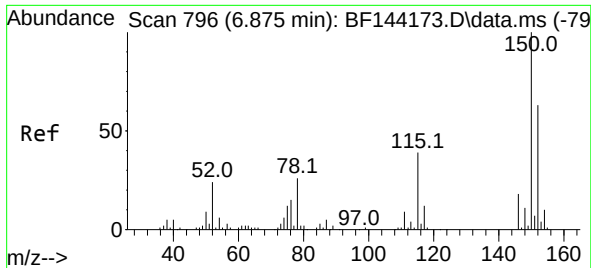
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	137095	40.694	ng	100
46) 1,1'-Biphenyl	9.328	154	413905	42.315	ng	98
47) 2-Chloronaphthalene	9.351	162	337950	40.503	ng	99
48) 2-Nitroaniline	9.451	65	108163	44.928	ng	99
49) Acenaphthylene	9.769	152	533014	46.877	ng	100
50) Dimethylphthalate	9.628	163	405560	43.686	ng	99
51) 2,6-Dinitrotoluene	9.692	165	87661	46.646	ng	98
52) Acenaphthene	9.939	154	286244	37.646	ng	97
53) 3-Nitroaniline	9.863	138	53453	26.020	ng	98
54) 2,4-Dinitrophenol	9.975	184	105620	93.073	ng	95
55) Dibenzofuran	10.116	168	430177	40.396	ng	97
56) 4-Nitrophenol	10.034	139	115588	77.783	ng	94
57) 2,4-Dinitrotoluene	10.098	165	116188	46.184	ng	96
58) Fluorene	10.457	166	346406	42.784	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.234	232	107816	45.234	ng	97
60) Diethylphthalate	10.328	149	374276	43.734	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	186905	40.526	ng	97
62) 4-Nitroaniline	10.481	138	87332	44.639	ng	99
63) Azobenzene	10.610	77	359970	45.196	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	69443	43.140	ng	94
66) n-Nitrosodiphenylamine	10.569	169	345895	45.387	ng	98
67) 4-Bromophenyl-phenylether	10.939	248	129092	42.683	ng	96
68) Hexachlorobenzene	11.010	284	154946	43.495	ng	95
69) Atrazine	11.098	200	109917	45.352	ng	97
70) Pentachlorophenol	11.204	266	148413	83.663	ng	98
71) Phenanthrene	11.422	178	509691	43.204	ng	99
72) Anthracene	11.475	178	519244	43.285	ng	99
73) Carbazole	11.633	167	443160	43.444	ng	98
74) Di-n-butylphthalate	11.957	149	516718	41.903	ng	99
75) Fluoranthene	12.616	202	503631	41.326	ng	100
77) Benzidine	12.733	184	156298	44.637	ng	97
78) Pyrene	12.845	202	493385	51.692	ng	99
80) Butylbenzylphthalate	13.457	149	147769	44.669	ng	99
81) Benzo(a)anthracene	14.033	228	370438	45.151	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	63866	22.710	ng	98
83) Chrysene	14.074	228	351949	46.470	ng	97
84) Bis(2-ethylhexyl)phtha...	14.016	149	179079	39.545	ng	99
85) Di-n-octyl phthalate	14.633	149	322146	41.231	ng	100
87) Indeno(1,2,3-cd)pyrene	17.027	276	519646	45.893	ng	100
88) Benzo(b)fluoranthene	15.092	252	371823	41.463	ng	99
89) Benzo(k)fluoranthene	15.121	252	386885	46.092	ng	99
90) Benzo(a)pyrene	15.463	252	386349	46.700	ng	99
91) Dibenzo(a,h)anthracene	17.045	278	415994	45.746	ng	99
92) Benzo(g,h,i)perylene	17.480	276	425782	47.414	ng	99

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

Manual Integrations APPROVED

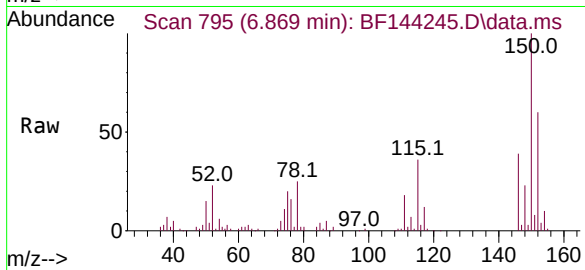
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

[illegible]



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF144245.D
 Acq: 13 Nov 2025 15:55

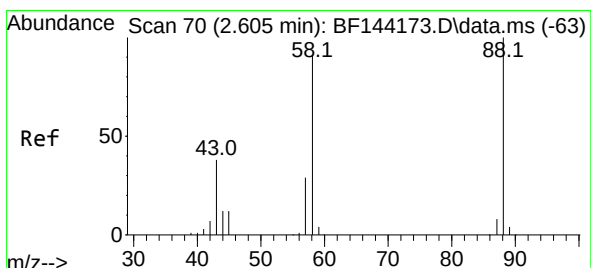
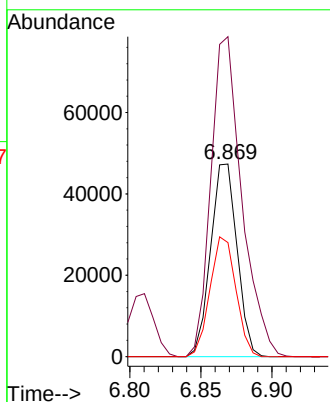
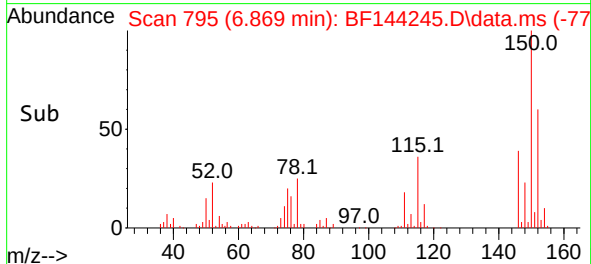
Instrument :
 BNA_F
 ClientSampleId :
 PB170473BS



Tgt Ion: 152 Resp: 61443
 Ion Ratio Lower Upper
 152 100
 150 166.2 127.4 191.0
 115 59.2 49.5 74.3

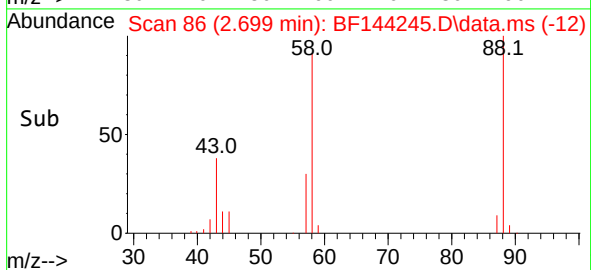
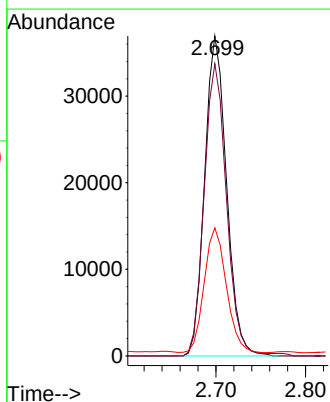
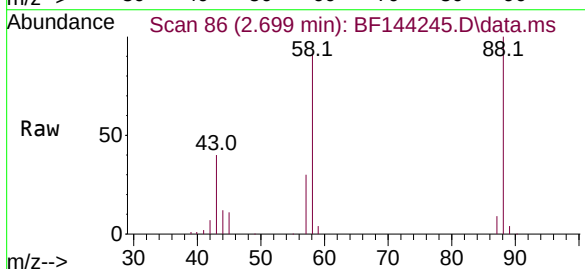
Manual Integrations
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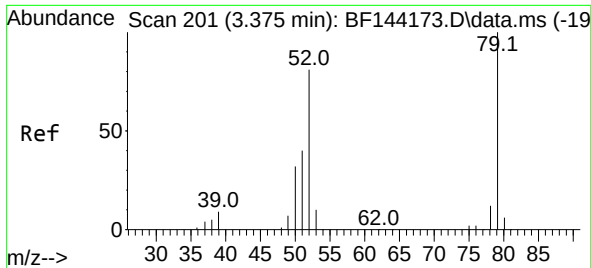
Reviewed By :Jagrut Upadhyay 11/14/2025
 Supervised By :Sohil Jodhani 11/14/2025



#2
 1,4-Dioxane
 Concen: 38.550 ng
 RT: 2.699 min Scan# 86
 Delta R.T. 0.082 min
 Lab File: BF144245.D
 Acq: 13 Nov 2025 15:55

Tgt Ion: 88 Resp: 62578
 Ion Ratio Lower Upper
 88 100
 58 93.6 73.1 109.7
 43 39.5 31.0 46.6





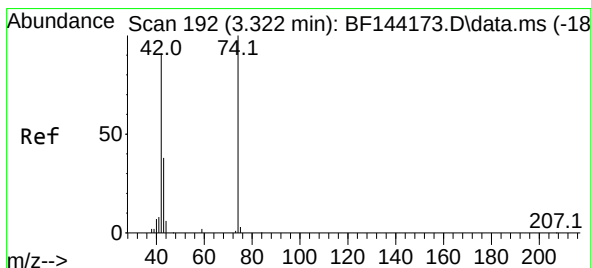
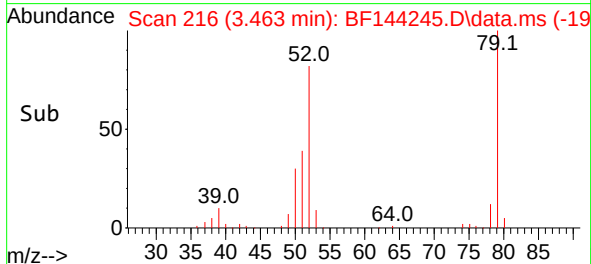
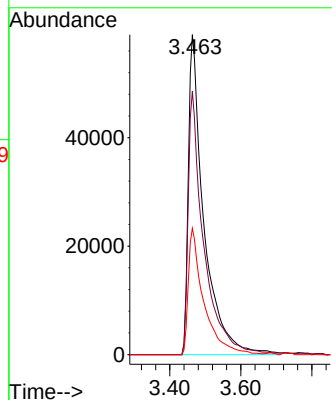
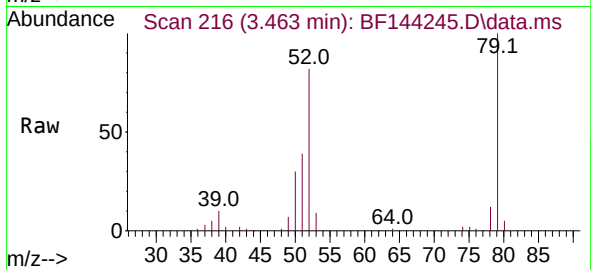
#3
Pyridine
Concen: 39.552 ng
RT: 3.463 min Scan# 21
Delta R.T. 0.053 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

Instrument :
BNA_F
ClientSampleId :
PB170473BS

Tgt Ion: 79 Resp: 179124
Ion Ratio Lower Upper
79 100
52 82.4 64.5 96.7
51 39.5 31.7 47.5

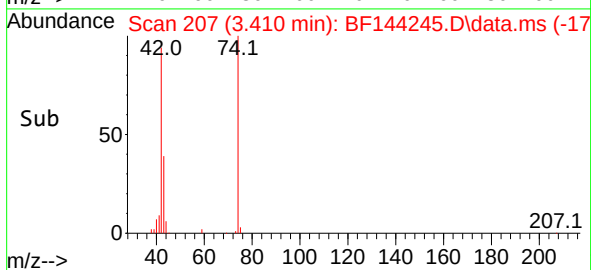
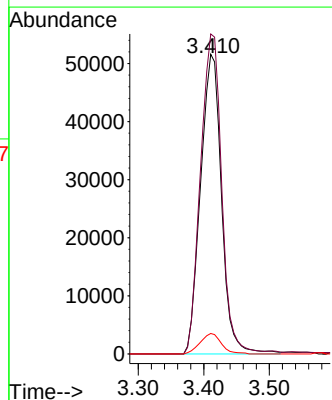
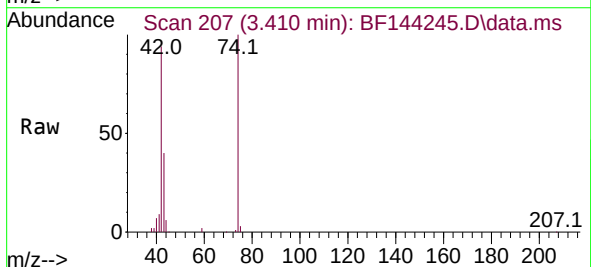
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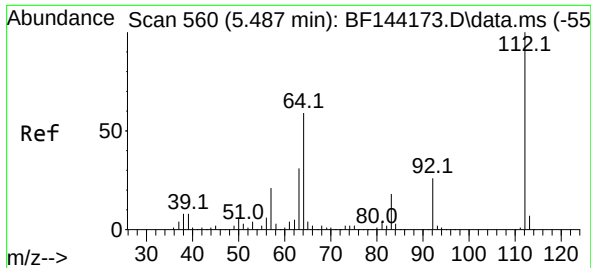
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#4
n-Nitrosodimethylamine
Concen: 48.267 ng
RT: 3.410 min Scan# 207
Delta R.T. 0.065 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

Tgt Ion: 42 Resp: 114179
Ion Ratio Lower Upper
42 100
74 106.8 88.2 132.4
44 6.8 5.7 8.5





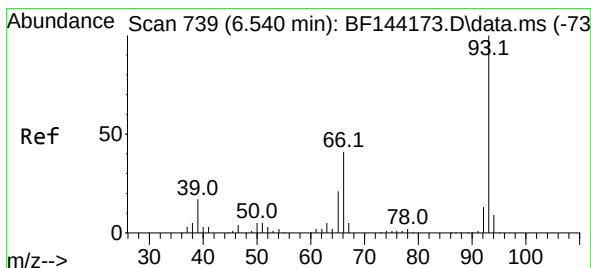
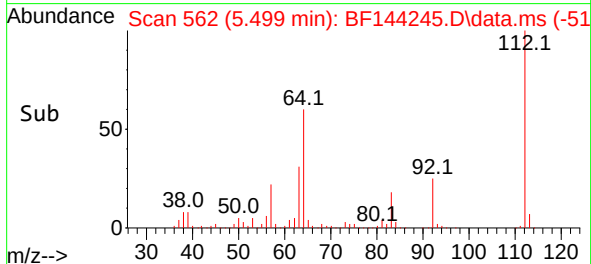
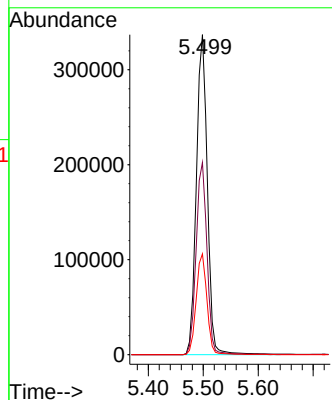
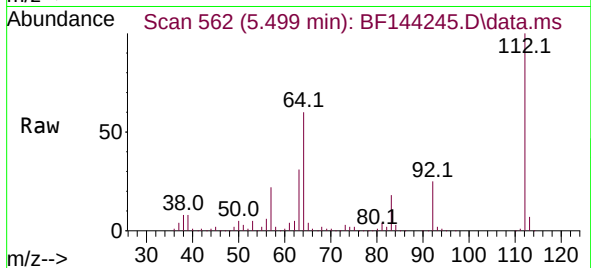
#5
2-Fluorophenol
Concen: 119.127 ng
RT: 5.499 min Scan# 560
Delta R.T. 0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

Instrument :
BNA_F
ClientSampleId :
PB170473BS

Tgt Ion:112 Resp: 467740
Ion Ratio Lower Upper
112 100
64 60.0 47.2 70.8
63 31.5 24.4 36.6

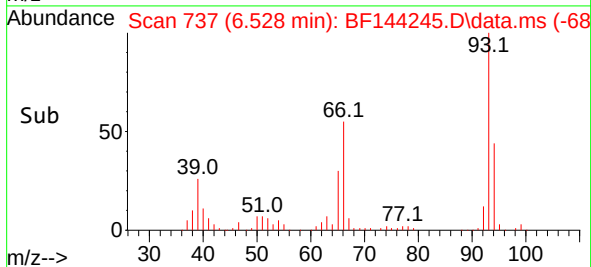
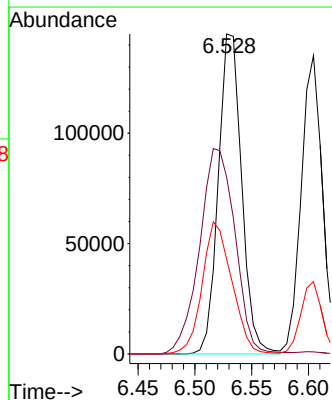
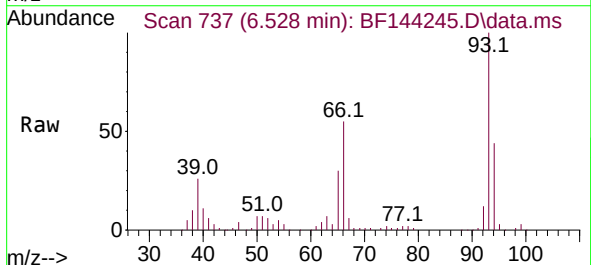
Manual Integrations
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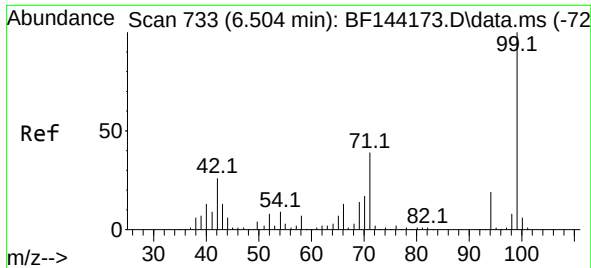
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#6
Aniline
Concen: 32.743 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

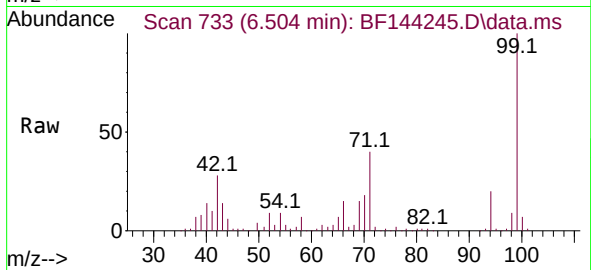
Tgt Ion: 93 Resp: 207544
Ion Ratio Lower Upper
93 100
66 55.3 34.3 51.5#
65 29.7 16.9 25.3#





#7
Phenol-d6
Concen: 119.923 ng
RT: 6.504 min Scan# 733
Delta R.T. 0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

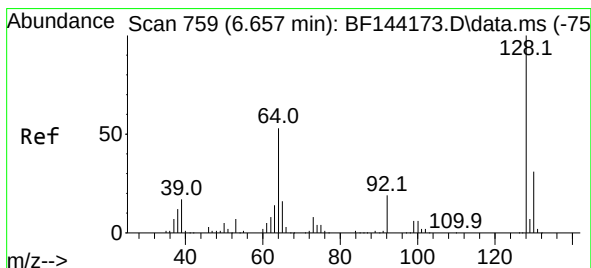
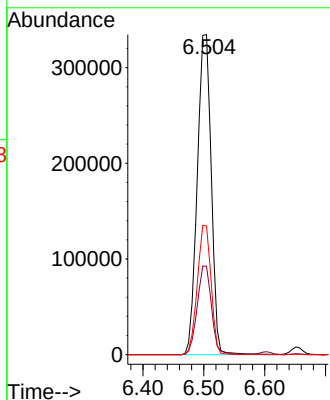
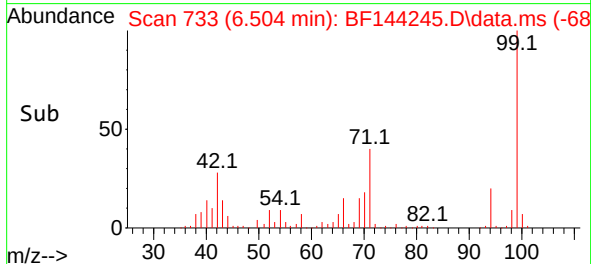
Instrument :
BNA_F
ClientSampleId :
PB170473BS



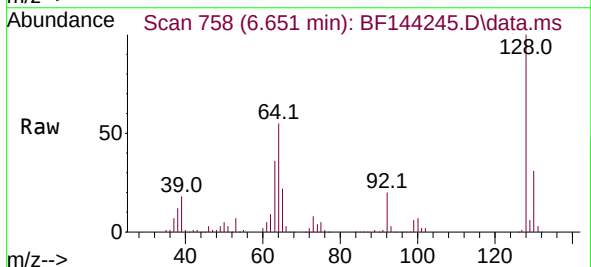
Tgt Ion: 99 Resp: 53352
Ion Ratio Lower Upper
99 100
42 27.6 20.9 31.3
71 40.2 31.4 47.2

Manual Integrations
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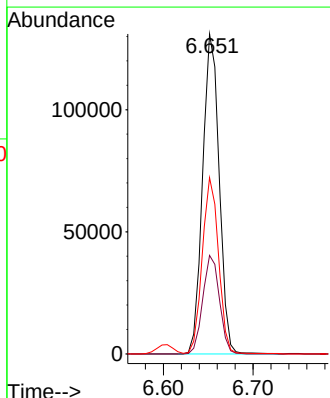
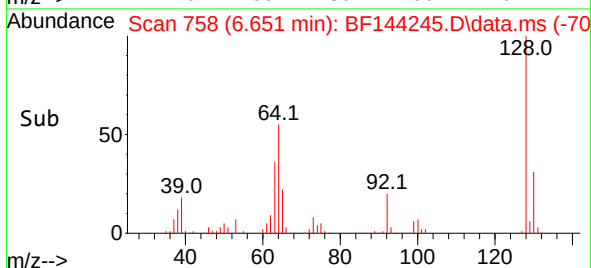
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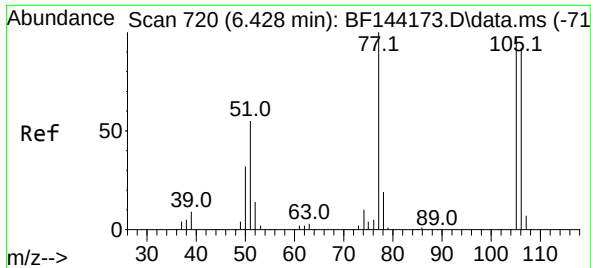


#8
2-Chlorophenol
Concen: 43.603 ng
RT: 6.651 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55



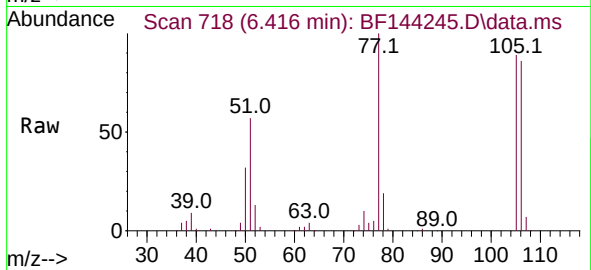
Tgt Ion:128 Resp: 167897
Ion Ratio Lower Upper
128 100
130 30.8 10.5 50.5
64 55.1 33.2 73.2





#9
Benzaldehyde
Concen: 40.627 ng
RT: 6.416 min Scan# 718
Delta R.T. -0.012 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

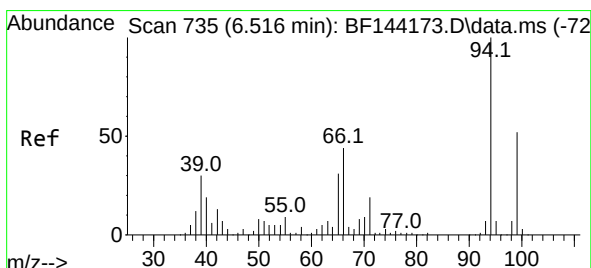
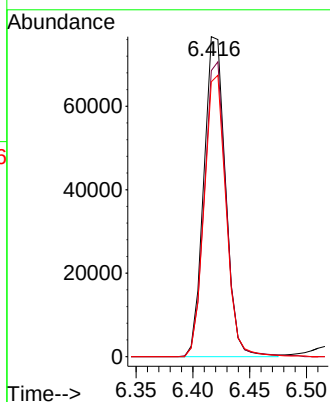
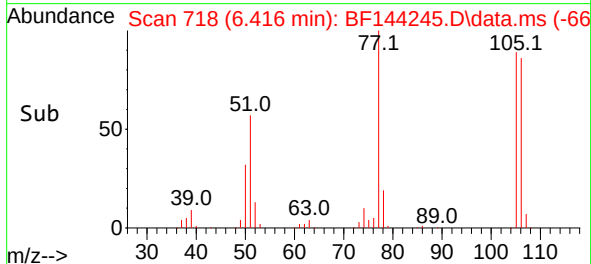
Instrument :
BNA_F
ClientSampleId :
PB170473BS



Tgt Ion: 77 Resp: 102064
Ion Ratio Lower Upper
77 100
105 89.4 77.2 117.2
106 85.9 72.2 112.2

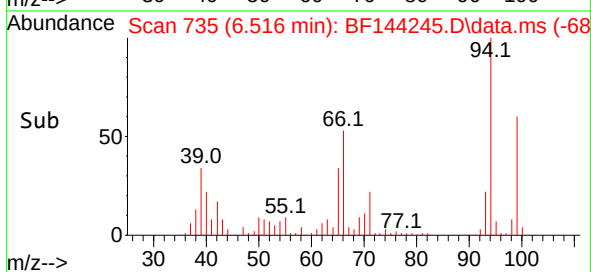
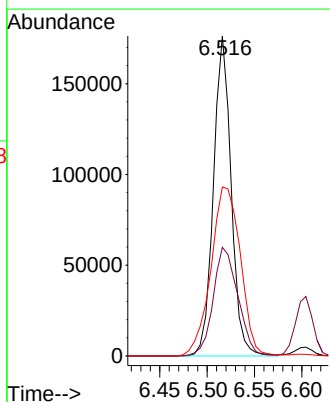
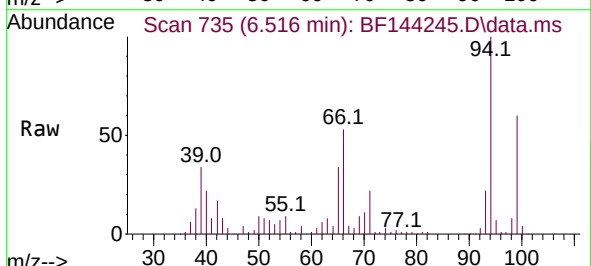
Manual Integrations
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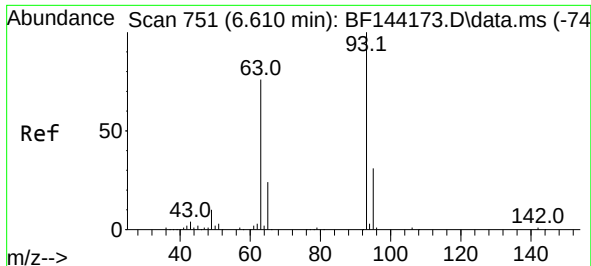
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#10
Phenol
Concen: 42.219 ng
RT: 6.516 min Scan# 735
Delta R.T. 0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

Tgt Ion: 94 Resp: 229486
Ion Ratio Lower Upper
94 100
65 33.9 10.8 50.8
66 52.8 24.3 64.3





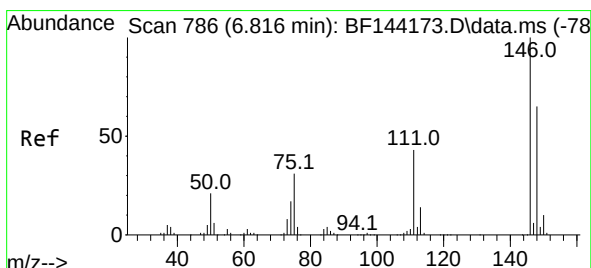
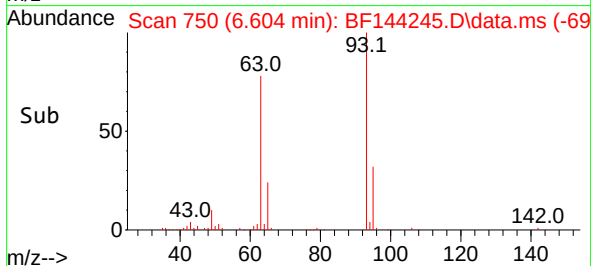
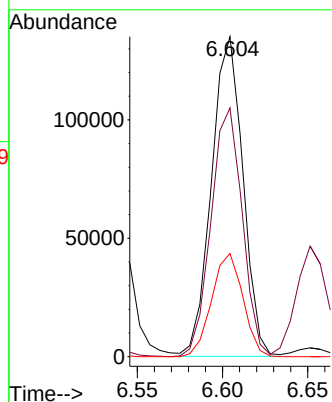
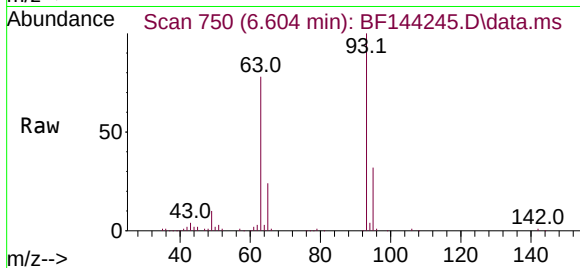
#11
bis(2-Chloroethyl)ether
Concen: 43.642 ng
RT: 6.604 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

Instrument :
BNA_F
ClientSampleId :
PB170473BS

Tgt Ion: 93 Resp: 17285
Ion Ratio Lower Upper
93 100
63 77.7 55.2 95.2
95 32.2 11.2 51.2

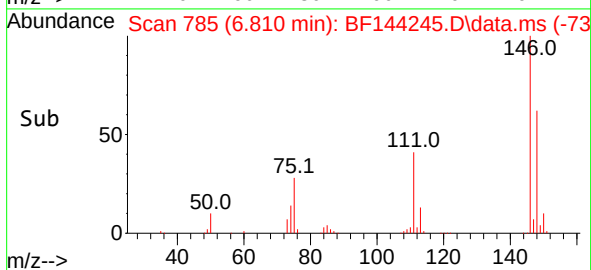
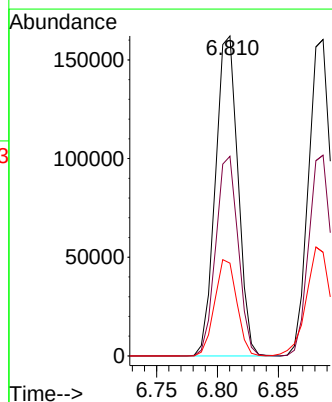
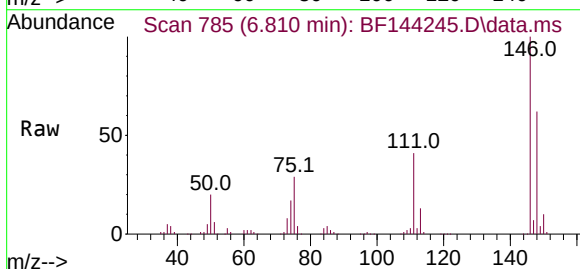
Manual Integrations
APPROVED

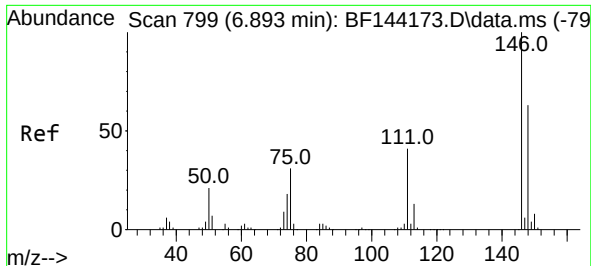
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#12
1,3-Dichlorobenzene
Concen: 43.925 ng
RT: 6.810 min Scan# 785
Delta R.T. -0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

Tgt Ion:146 Resp: 208708
Ion Ratio Lower Upper
146 100
148 62.4 51.8 77.8
75 29.0 25.0 37.4





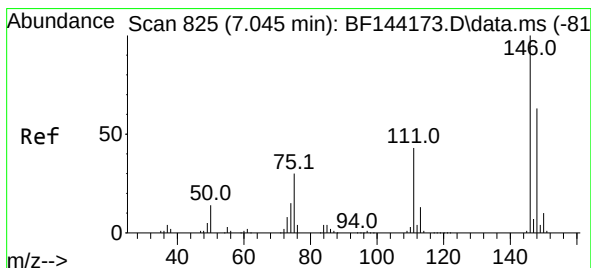
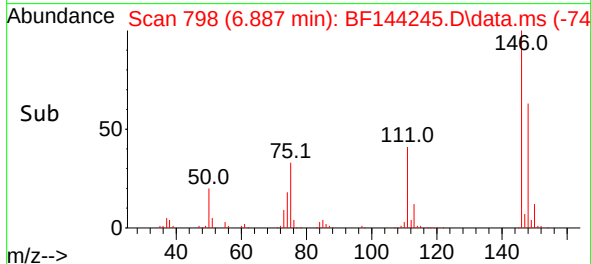
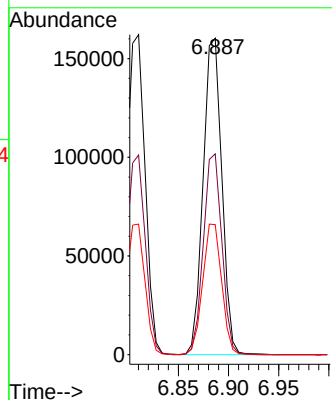
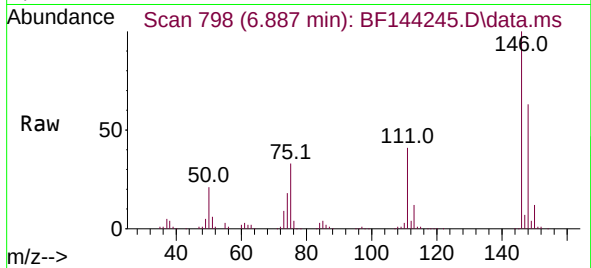
#13
1,4-Dichlorobenzene
Concen: 43.569 ng
RT: 6.887 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

Instrument :
BNA_F
ClientSampleId :
PB170473BS

Tgt Ion:146 Resp: 207392
Ion Ratio Lower Upper
146 100
148 63.4 50.2 75.2
111 41.1 32.6 48.8

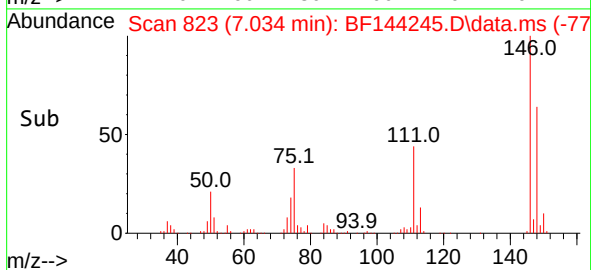
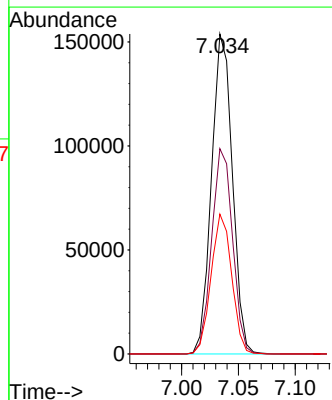
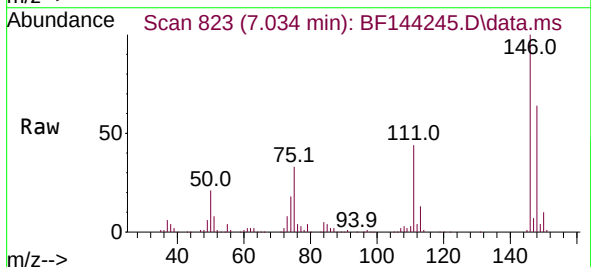
Manual Integrations
APPROVED

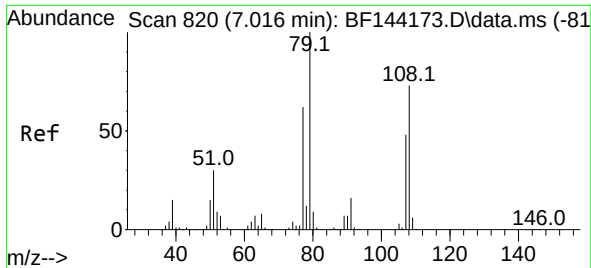
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#14
1,2-Dichlorobenzene
Concen: 43.040 ng
RT: 7.034 min Scan# 823
Delta R.T. -0.012 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

Tgt Ion:146 Resp: 196374
Ion Ratio Lower Upper
146 100
148 64.1 50.7 76.1
111 43.7 34.2 51.4





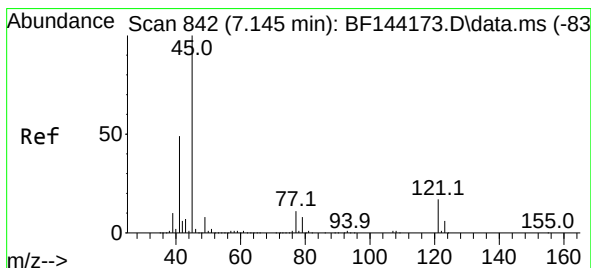
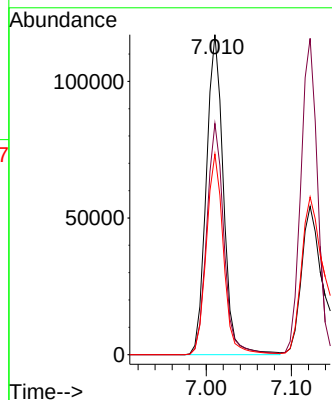
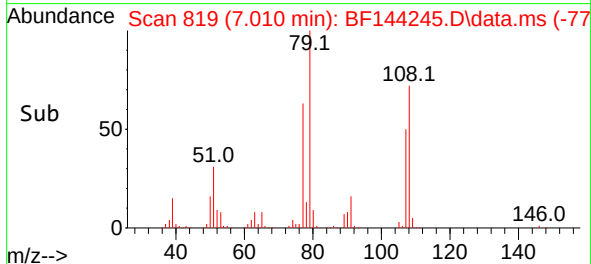
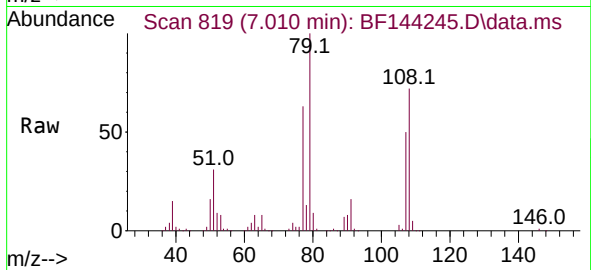
#15
Benzyl Alcohol
Concen: 46.329 ng
RT: 7.010 min Scan# 819
Delta R.T. -0.012 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

Instrument :
BNA_F
ClientSampleId :
PB170473BS

Tgt Ion: 79 Resp: 163209
Ion Ratio Lower Upper
79 100
108 72.2 58.2 87.4
77 62.7 49.9 74.9

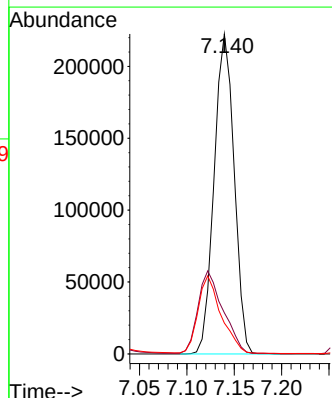
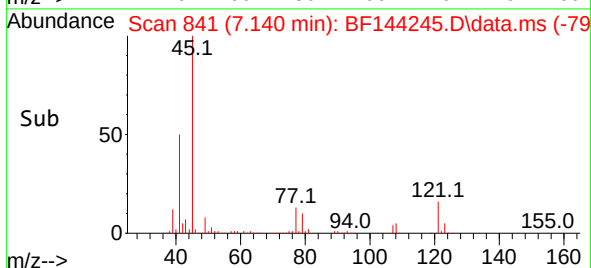
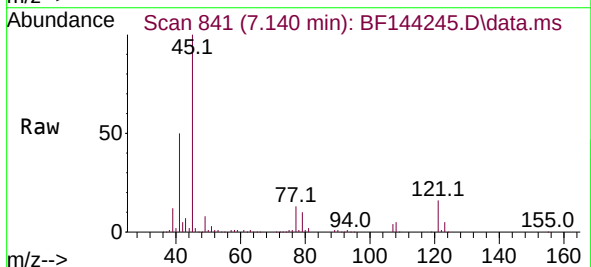
Manual Integrations
APPROVED

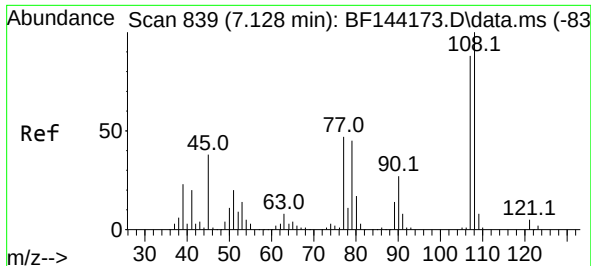
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.852 ng
RT: 7.140 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

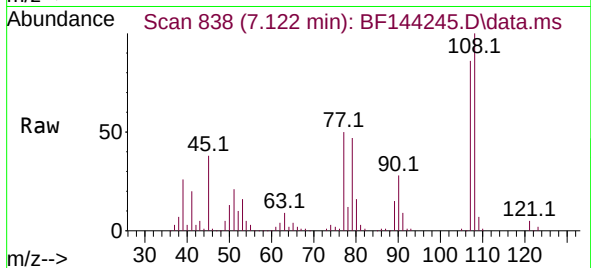
Tgt Ion: 45 Resp: 327138
Ion Ratio Lower Upper
45 100
77 12.8 0.0 31.8
79 9.6 0.0 29.1





#17
2-Methylphenol
Concen: 43.625 ng
RT: 7.122 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

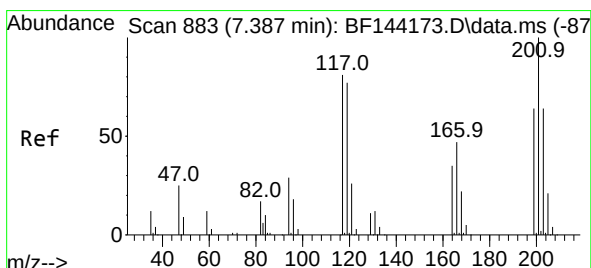
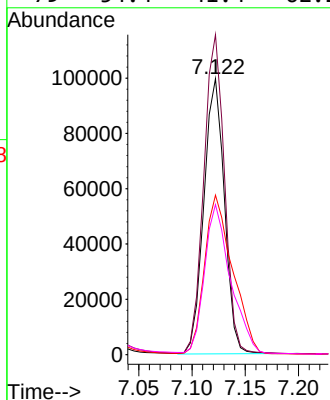
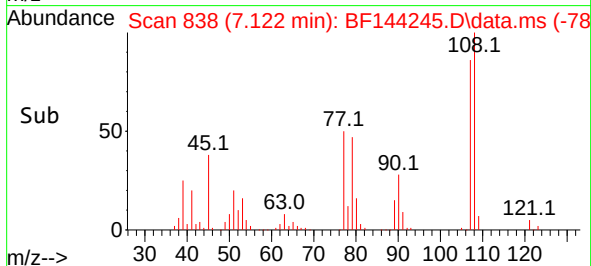
Instrument :
BNA_F
ClientSampleId :
PB170473BS



Tgt Ion:	107	Resp:	133634
Ion Ratio	Lower	Upper	
107	100		
108	116.0	91.0	136.4
77	57.8	42.7	64.1
79	54.4	41.4	62.2

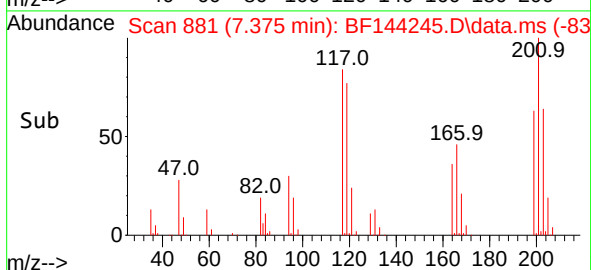
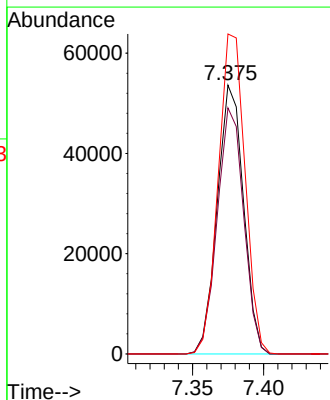
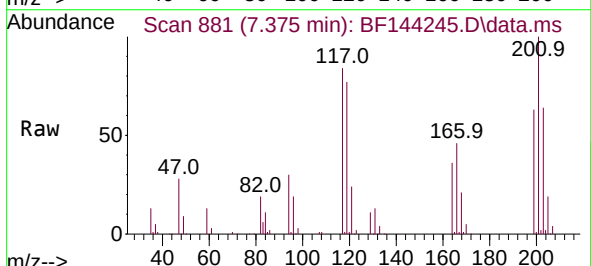
Manual Integrations
APPROVED

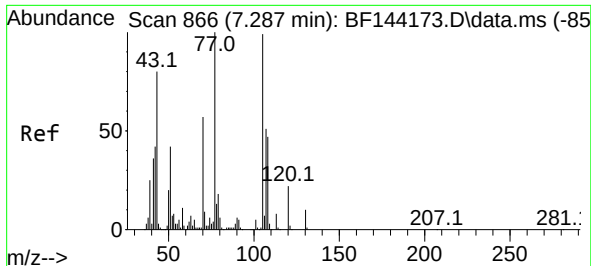
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#18
Hexachloroethane
Concen: 43.646 ng
RT: 7.375 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

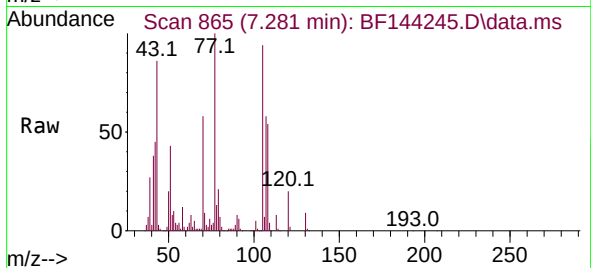
Tgt Ion:	117	Resp:	69026
Ion Ratio	Lower	Upper	
117	100		
119	91.5	75.8	113.8
201	119.1	98.9	148.3





#19
n-Nitroso-di-n-propylamine
Concen: 44.143 ng
RT: 7.281 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

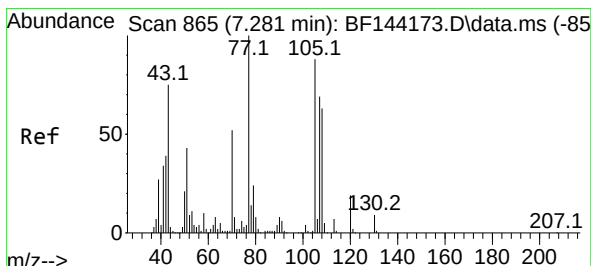
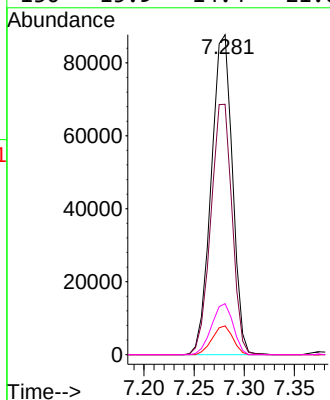
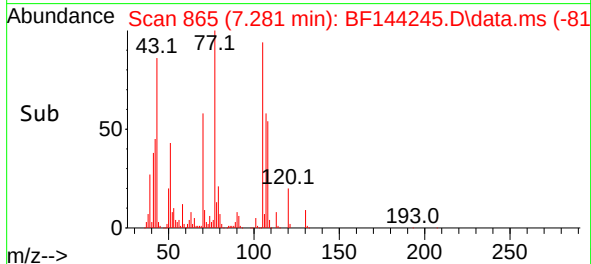
Instrument :
BNA_F
ClientSampleId :
PB170473BS



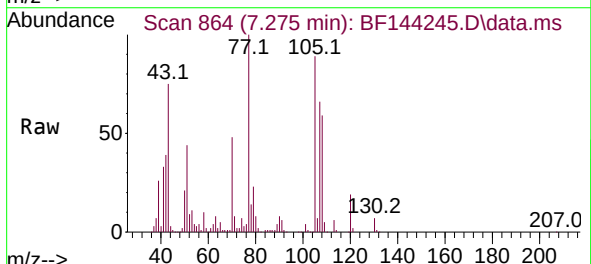
Tgt Ion: 70 Resp: 129284
Ion Ratio Lower Upper
70 100
42 78.2 58.3 87.5
101 9.0 7.0 10.6
130 15.9 14.4 21.6

Manual Integrations
APPROVED

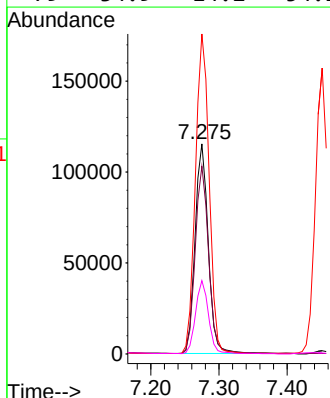
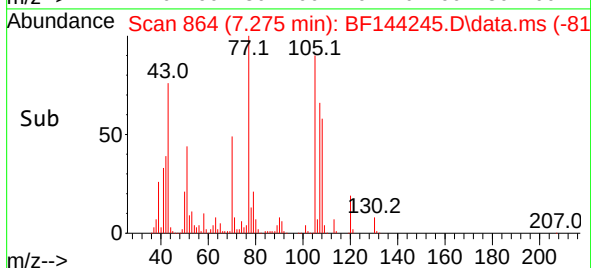
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

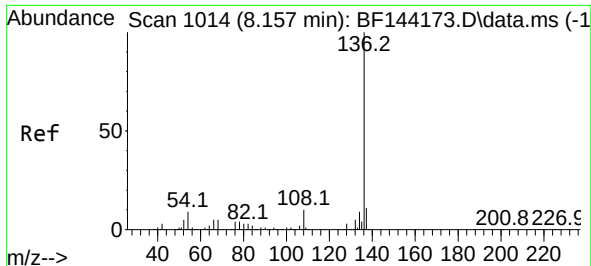


#20
3+4-Methylphenols
Concen: 43.032 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55



Tgt Ion:107 Resp: 155390
Ion Ratio Lower Upper
107 100
108 89.4 70.2 110.2
77 152.4 123.9 163.9
79 34.9 14.2 54.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

Instrument :

BNA_F

ClientSampleId :

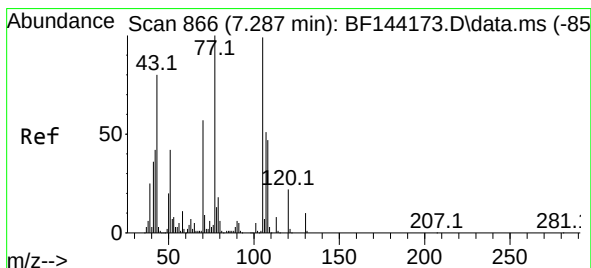
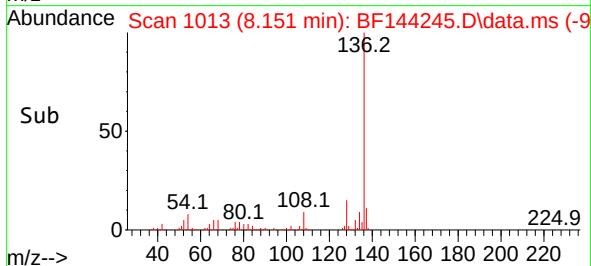
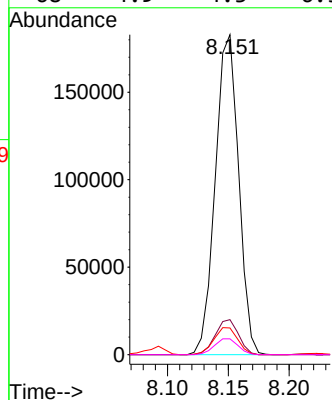
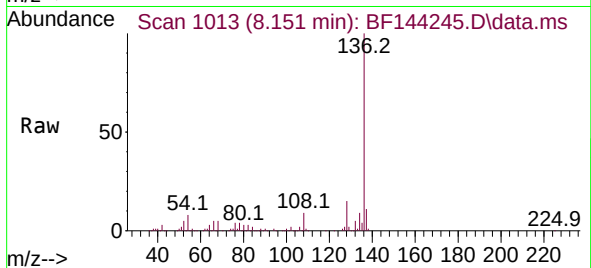
PB170473BS

Tgt Ion:136 Resp: 243453
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.3 7.0 10.6
68 4.9 4.3 6.5

Manual Integrations

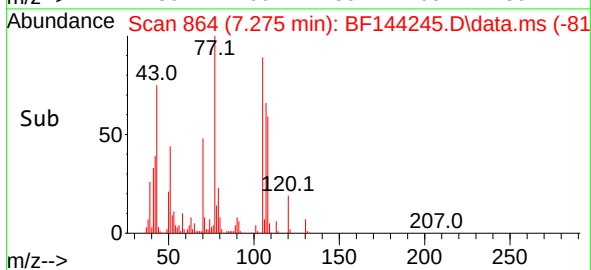
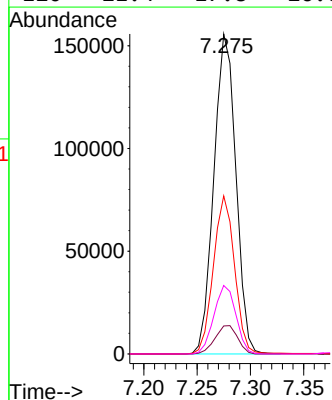
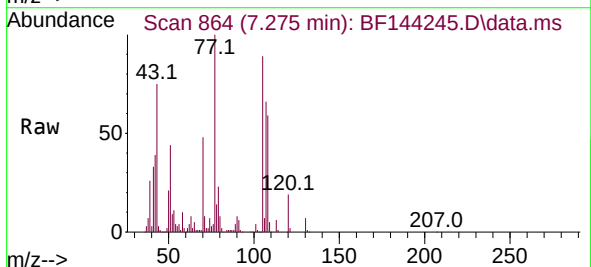
APPROVED

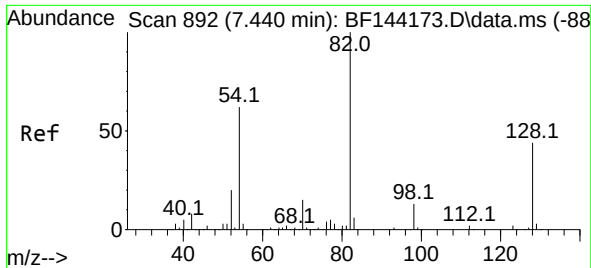
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#22
Acetophenone
Concen: 42.871 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

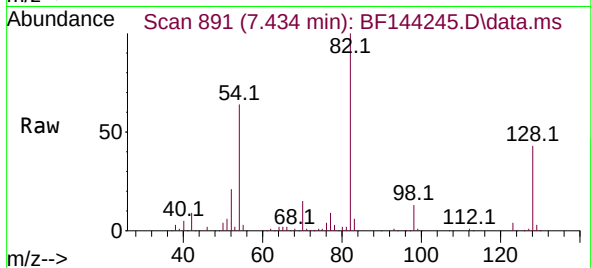
Tgt Ion:105 Resp: 223896
Ion Ratio Lower Upper
105 100
71 8.7 7.2 10.8
51 49.4 34.0 51.0
120 21.4 17.8 26.6





#23
Nitrobenzene-d5
Concen: 83.169 ng
RT: 7.434 min Scan# 891
Delta R.T. -0.000 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

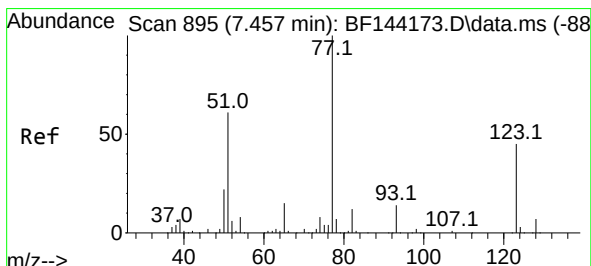
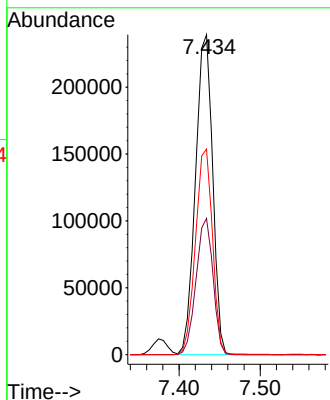
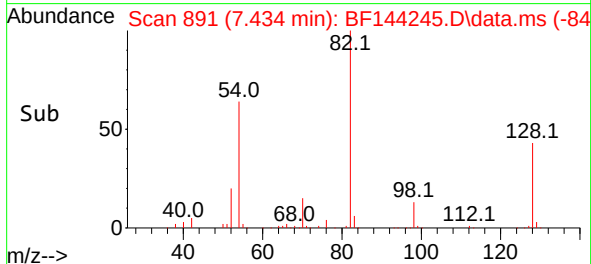
Instrument :
BNA_F
ClientSampleId :
PB170473BS



Tgt Ion: 82 Resp: 350581
Ion Ratio Lower Upper
82 100
128 42.6 34.7 52.1
54 64.2 49.5 74.3

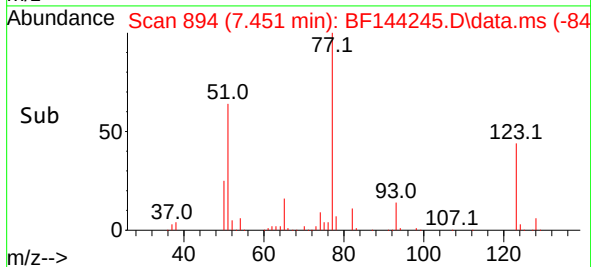
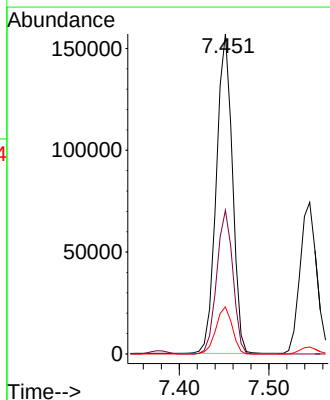
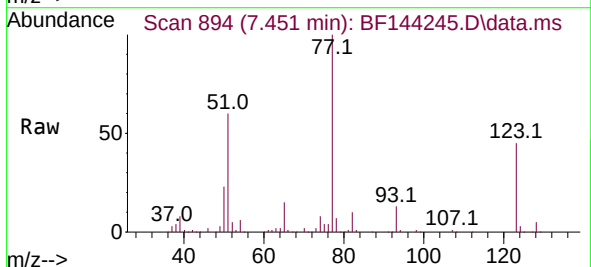
Manual Integrations
APPROVED

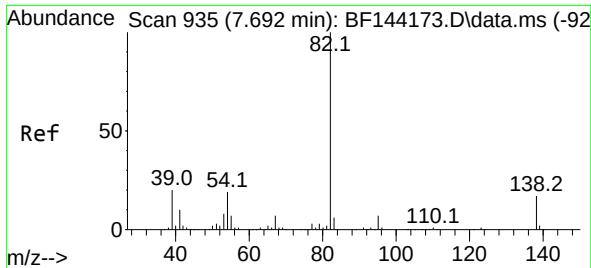
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#24
Nitrobenzene
Concen: 42.710 ng
RT: 7.451 min Scan# 894
Delta R.T. -0.000 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

Tgt Ion: 77 Resp: 195475
Ion Ratio Lower Upper
77 100
123 44.9 35.8 53.8
65 14.7 12.2 18.2





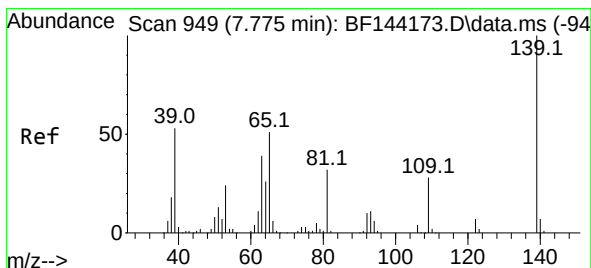
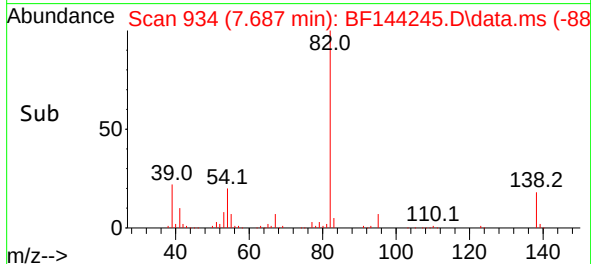
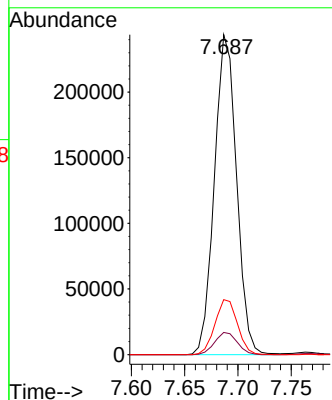
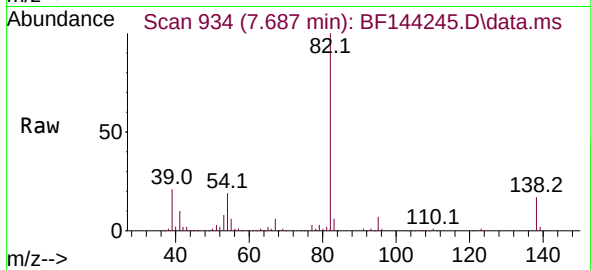
#25
Isophorone
Concen: 44.357 ng
RT: 7.687 min Scan# 934
Delta R.T. -0.000 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

Instrument :
BNA_F
ClientSampleId :
PB170473BS

Tgt Ion: 82 Resp: 353672
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 17.2 13.7 20.5

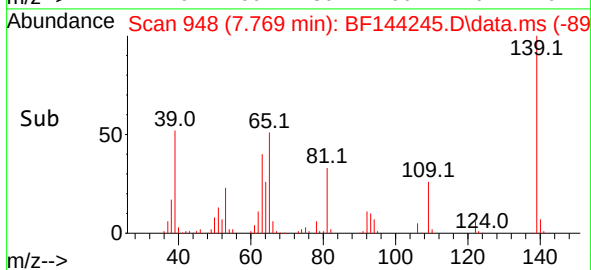
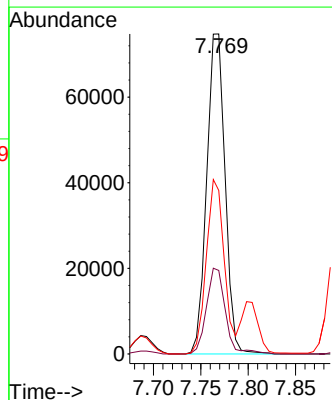
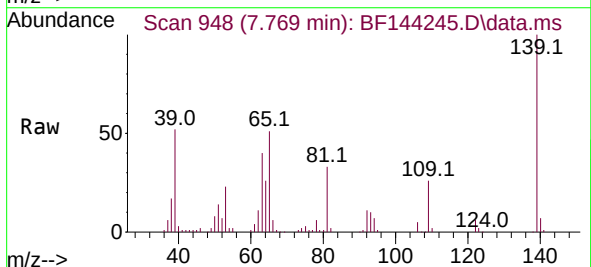
Manual Integrations
APPROVED

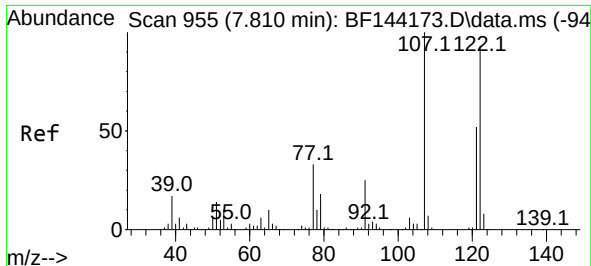
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#26
2-Nitrophenol
Concen: 44.620 ng
RT: 7.769 min Scan# 948
Delta R.T. -0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

Tgt Ion:139 Resp: 101091
Ion Ratio Lower Upper
139 100
109 26.1 22.2 33.2
65 51.1 40.7 61.1





#27
2,4-Dimethylphenol
Concen: 48.380 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

Instrument :

BNA_F

ClientSampleId :

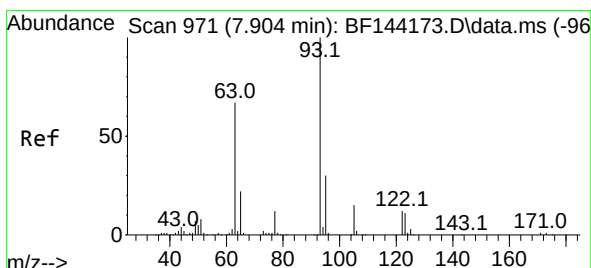
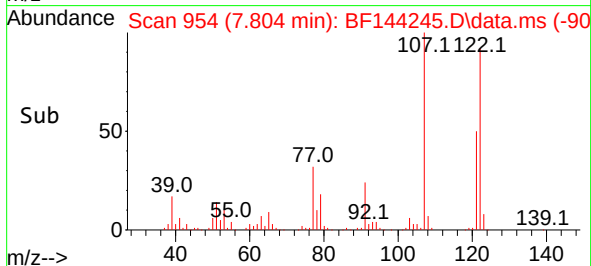
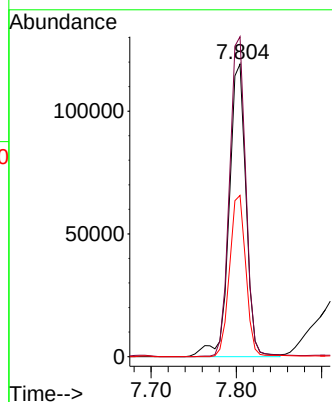
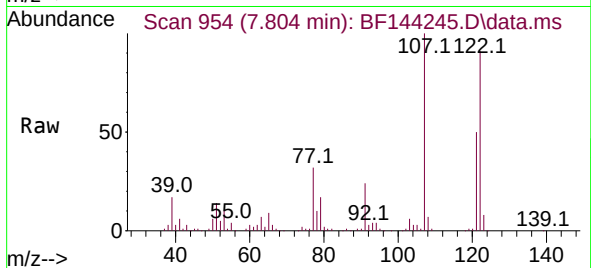
PB170473BS

Tgt Ion:122 Resp: 164286
Ion Ratio Lower Upper
122 100
107 109.4 86.2 129.4
121 55.1 44.6 66.8

Manual Integrations

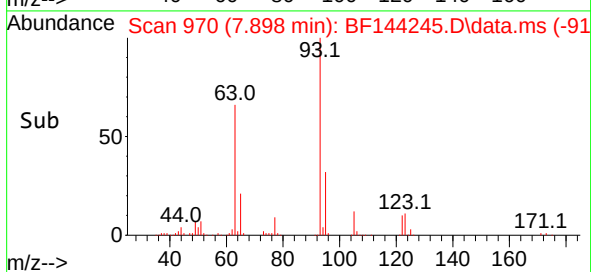
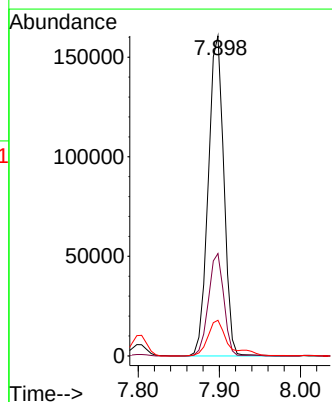
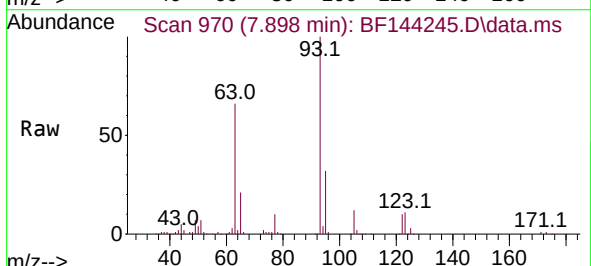
APPROVED

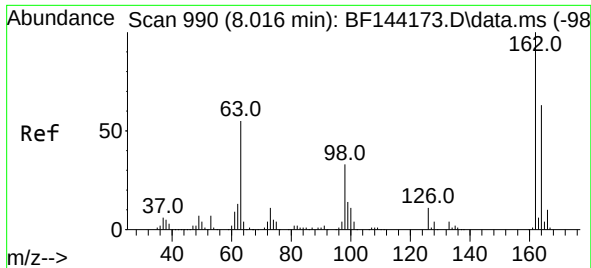
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#28
bis(2-Chloroethoxy)methane
Concen: 43.120 ng
RT: 7.898 min Scan# 970
Delta R.T. -0.000 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

Tgt Ion: 93 Resp: 214693
Ion Ratio Lower Upper
93 100
95 32.0 24.2 36.4
123 11.1 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 40.801 ng

RT: 8.010 min Scan# 98

Delta R.T. -0.006 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

Instrument :

BNA_F

ClientSampleId :

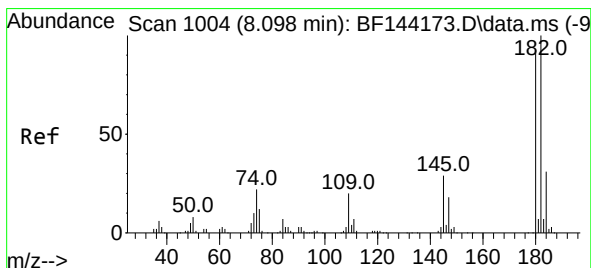
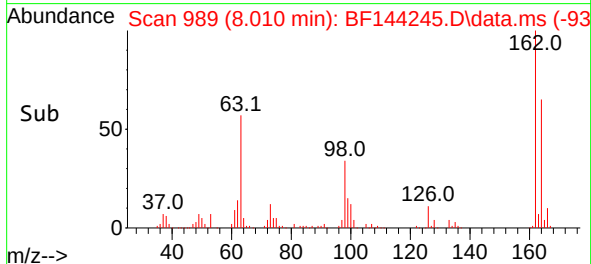
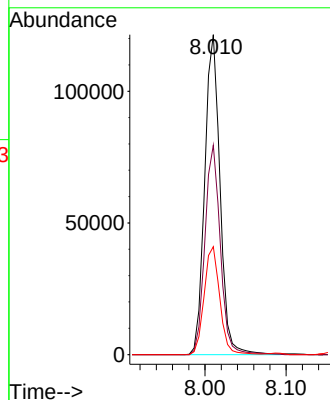
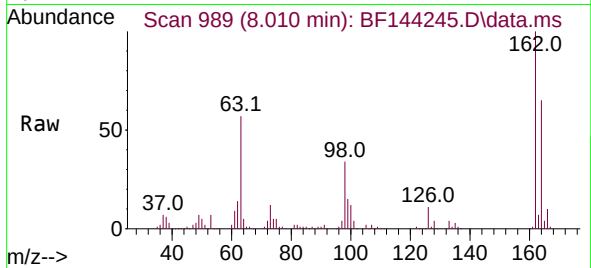
PB170473BS

Tgt Ion:162 Resp: 159696
 Ion Ratio Lower Upper
 162 100
 164 65.4 42.9 82.9
 98 33.7 13.3 53.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
 Supervised By :Sohil Jodhani 11/14/2025



#30

1,2,4-Trichlorobenzene

Concen: 43.734 ng

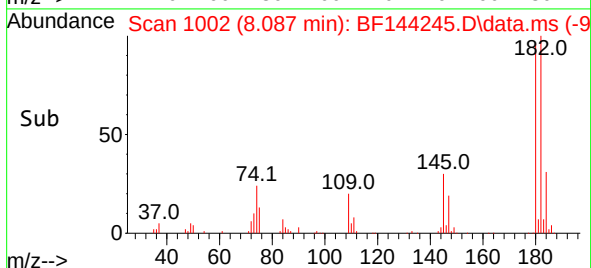
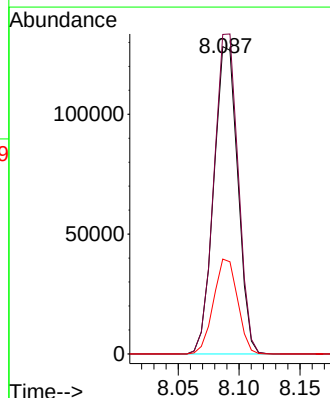
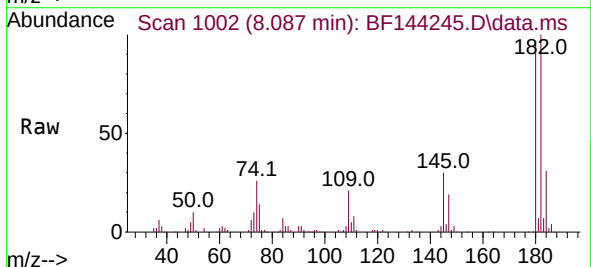
RT: 8.087 min Scan# 1002

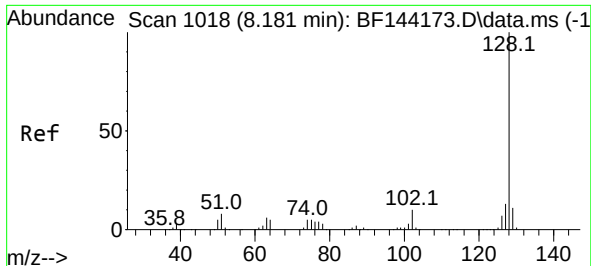
Delta R.T. -0.012 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

Tgt Ion:180 Resp: 175763
 Ion Ratio Lower Upper
 180 100
 182 103.9 87.7 131.5
 145 30.8 25.4 38.0





#31
Naphthalene
Concen: 41.638 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

Instrument :

BNA_F

ClientSampleId :

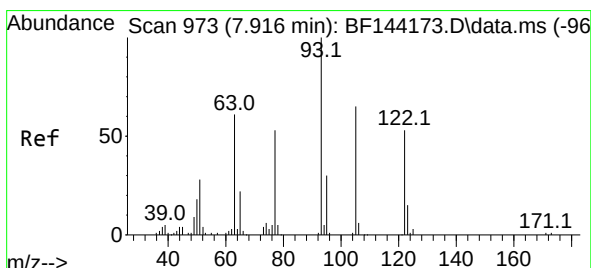
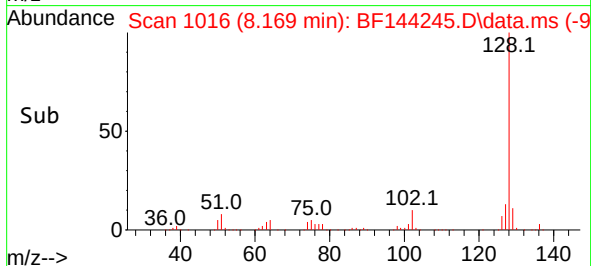
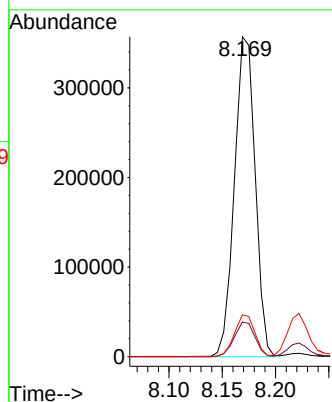
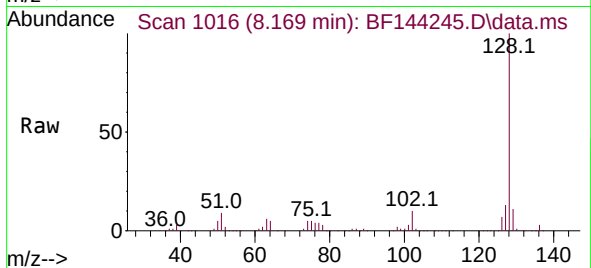
PB170473BS

Tgt Ion:128 Resp: 482201
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 13.1 10.3 15.5

Manual Integrations

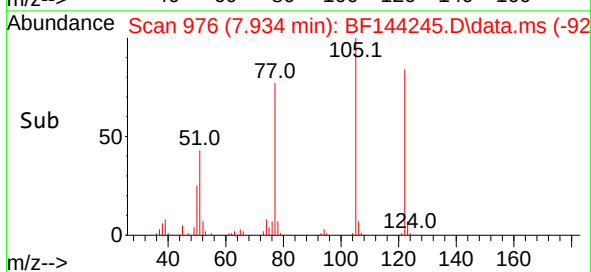
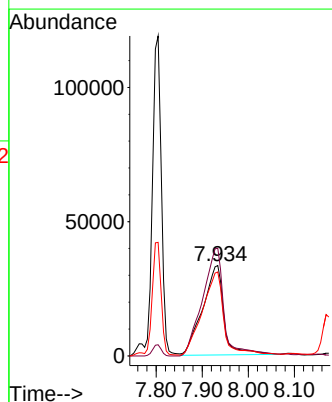
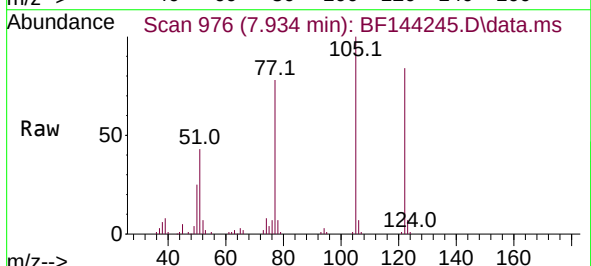
APPROVED

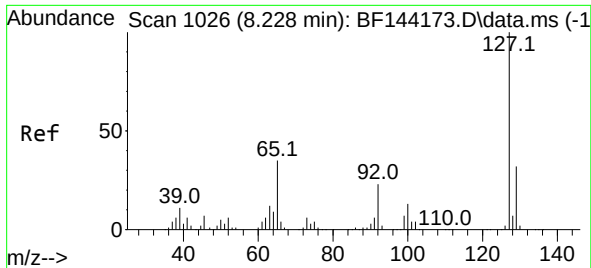
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#32
Benzoic acid
Concen: 42.959 ng
RT: 7.934 min Scan# 976
Delta R.T. -0.018 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

Tgt Ion:122 Resp: 106932
Ion Ratio Lower Upper
122 100
105 119.1 99.9 139.9
77 92.9 77.5 117.5





#33
4-Chloroaniline
Concen: 16.504 ng
RT: 8.222 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

Instrument :

BNA_F

ClientSampleId :

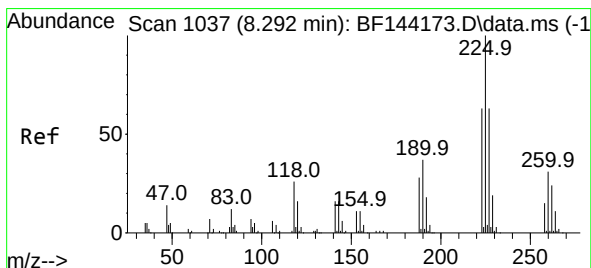
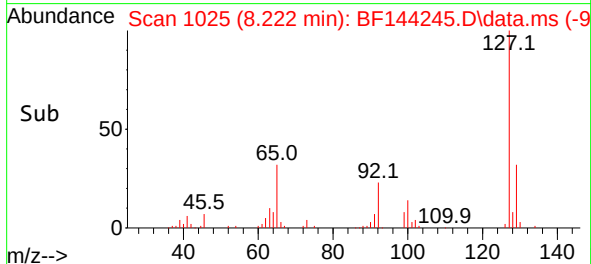
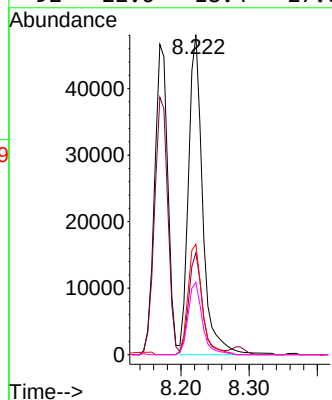
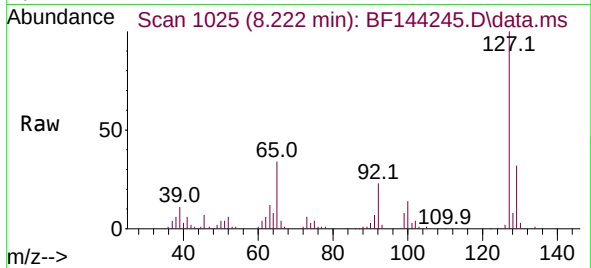
PB170473BS

Tgt Ion:127 Resp: 69710
Ion Ratio Lower Upper
127 100
129 31.8 25.3 37.9
65 34.5 27.6 41.4
92 22.6 18.4 27.6

Manual Integrations

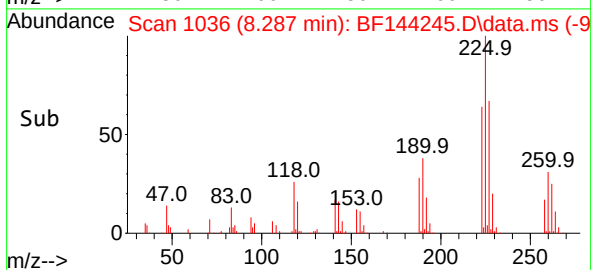
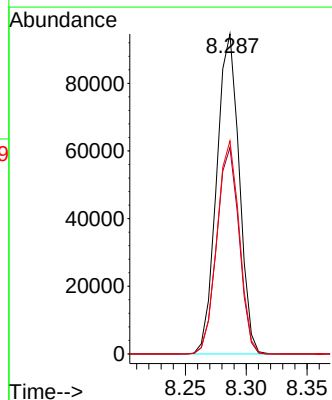
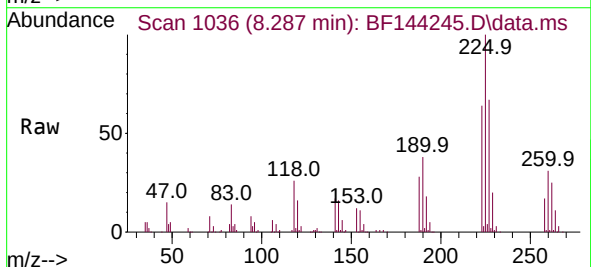
APPROVED

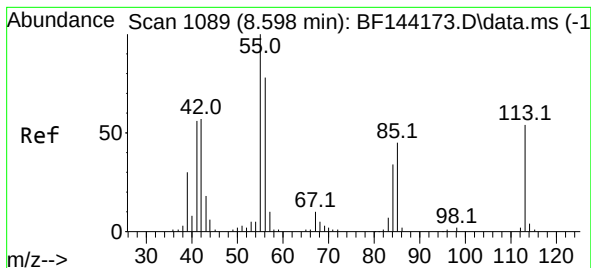
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#34
Hexachlorobutadiene
Concen: 40.166 ng
RT: 8.287 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

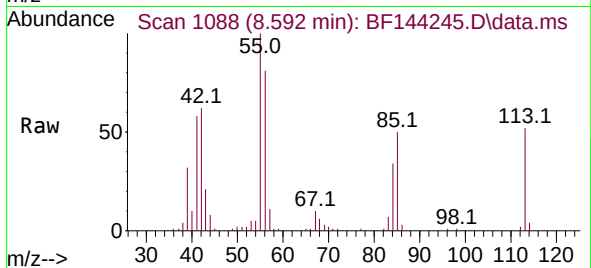
Tgt Ion:225 Resp: 121656
Ion Ratio Lower Upper
225 100
223 64.5 50.2 75.4
227 66.6 50.1 75.1





#35
 Caprolactam
 Concen: 45.858 ng m
 RT: 8.592 min Scan# 1088
 Delta R.T. -0.029 min
 Lab File: BF144245.D
 Acq: 13 Nov 2025 15:55

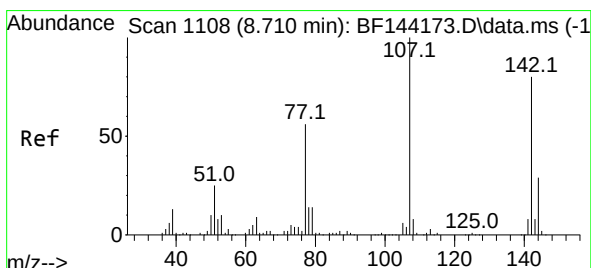
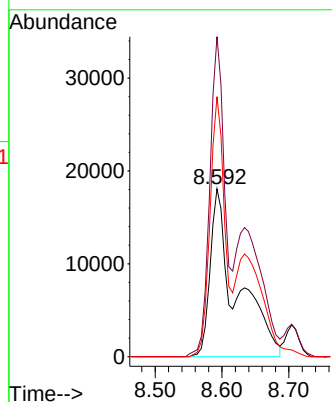
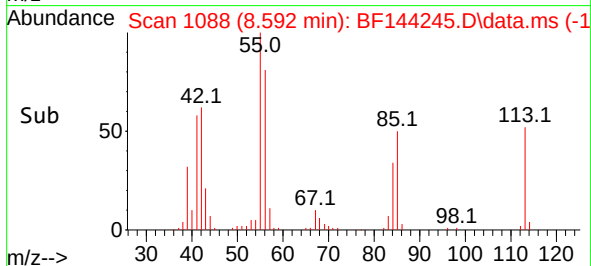
Instrument :
 BNA_F
 ClientSampleId :
 PB170473BS



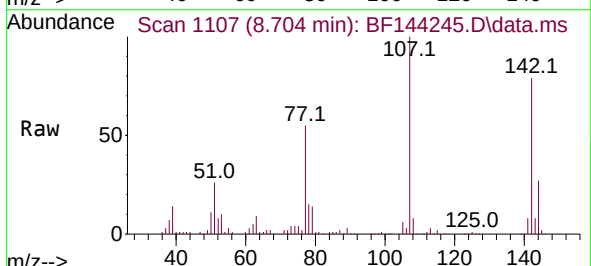
Tgt Ion:113 Resp: 49172
 Ion Ratio Lower Upper
 113 100
 55 190.7 166.8 206.8
 56 154.9 125.9 165.9

Manual Integrations
 APPROVED

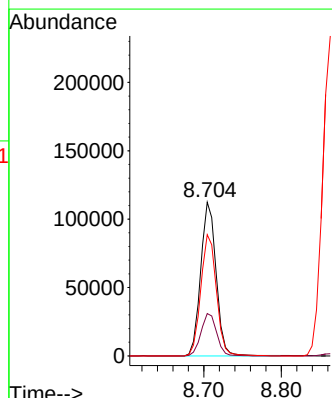
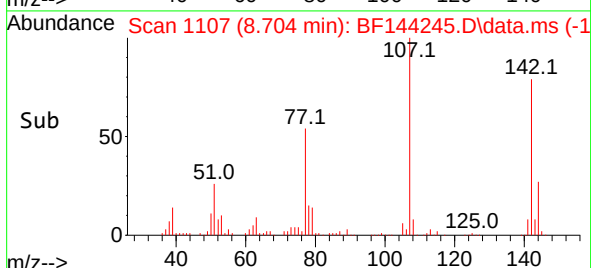
Reviewed By :Jagrut Upadhyay 11/14/2025
 Supervised By :Sohil Jodhani 11/14/2025

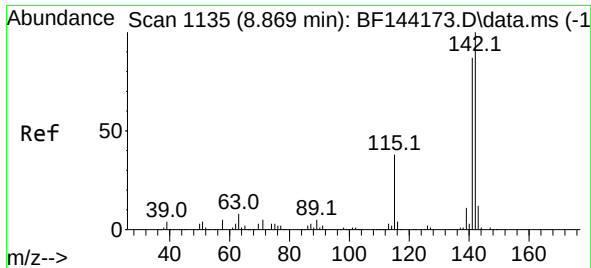


#36
 4-Chloro-3-methylphenol
 Concen: 44.274 ng
 RT: 8.704 min Scan# 1107
 Delta R.T. -0.000 min
 Lab File: BF144245.D
 Acq: 13 Nov 2025 15:55



Tgt Ion:107 Resp: 155296
 Ion Ratio Lower Upper
 107 100
 144 27.5 23.3 34.9
 142 78.9 63.8 95.6





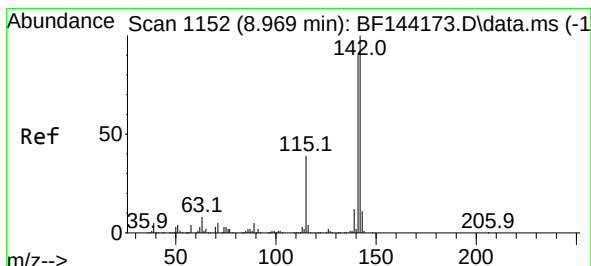
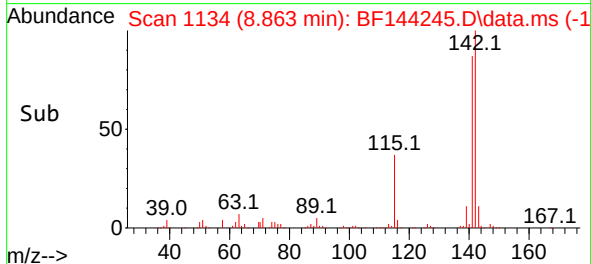
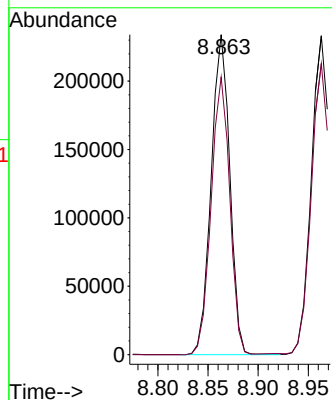
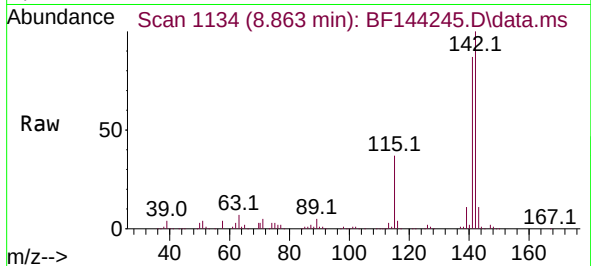
#37
2-Methylnaphthalene
Concen: 39.076 ng
RT: 8.863 min Scan# 1135
Delta R.T. -0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

Instrument :
BNA_F
ClientSampleId :
PB170473BS

Tgt Ion:142 Resp: 302563
Ion Ratio Lower Upper
142 100
141 86.7 69.9 104.9

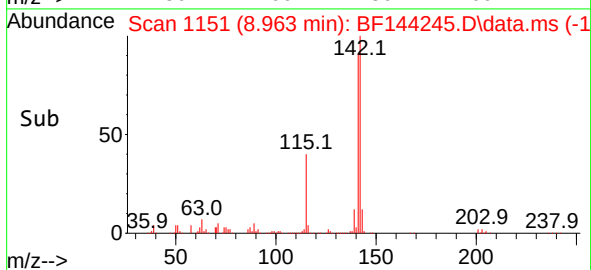
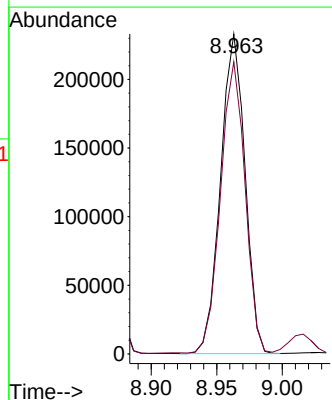
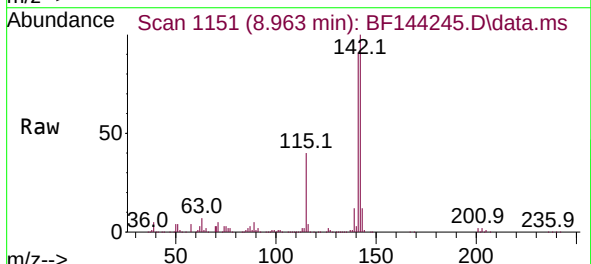
Manual Integrations
APPROVED

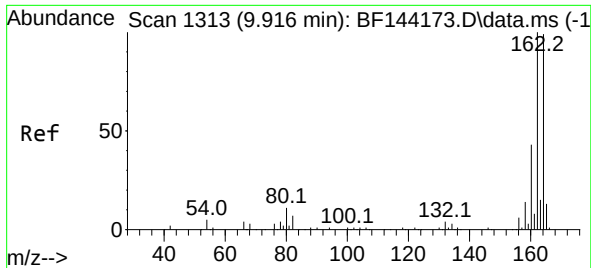
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#38
1-Methylnaphthalene
Concen: 40.470 ng
RT: 8.963 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

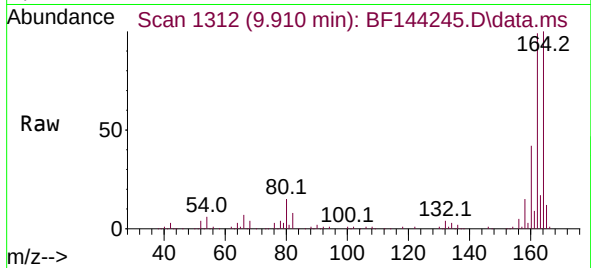
Tgt Ion:142 Resp: 302350
Ion Ratio Lower Upper
142 100
141 91.3 72.1 108.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

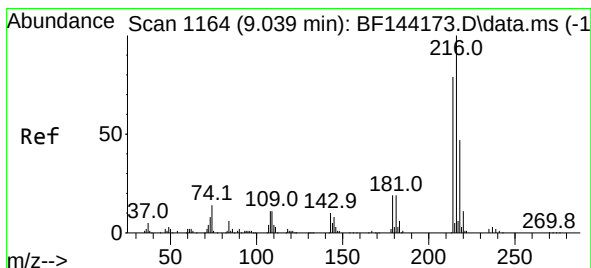
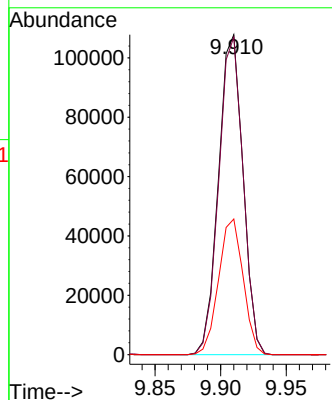
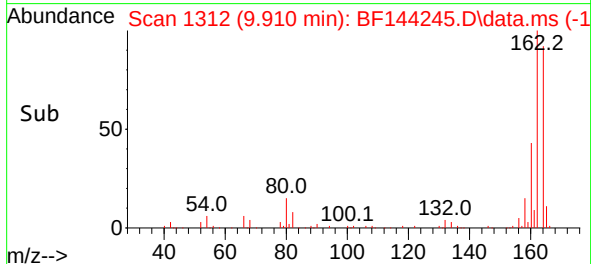
Instrument :
BNA_F
ClientSampleId :
PB170473BS



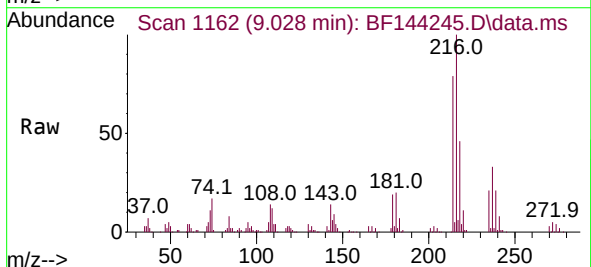
Tgt Ion:164 Resp: 140132
Ion Ratio Lower Upper
164 100
162 99.2 81.1 121.7
160 42.4 34.5 51.7

Manual Integrations
APPROVED

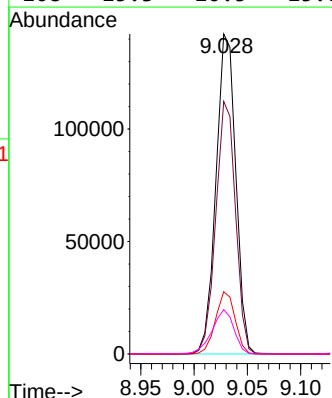
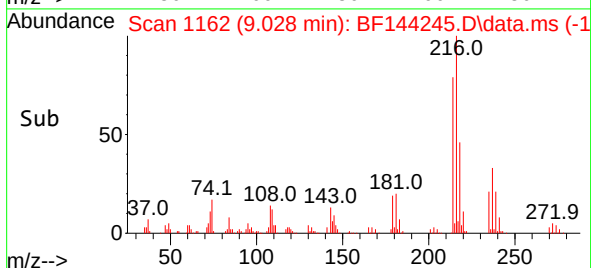
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

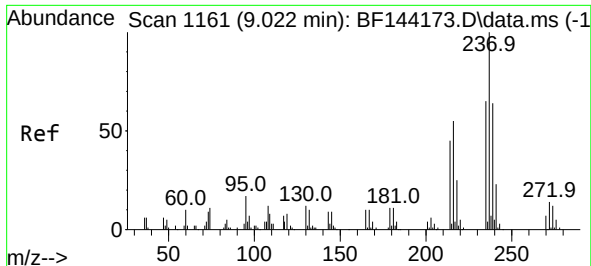


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.109 ng
RT: 9.028 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55



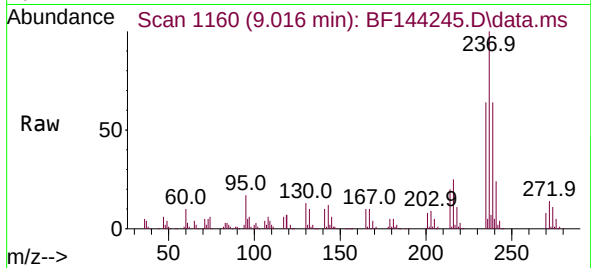
Tgt Ion:216 Resp: 184203
Ion Ratio Lower Upper
216 100
214 78.4 63.4 95.2
179 19.1 15.0 22.4
108 15.3 10.5 15.7





#41
Hexachlorocyclopentadiene
Concen: 96.064 ng
RT: 9.016 min Scan# 1160
Delta R.T. -0.012 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

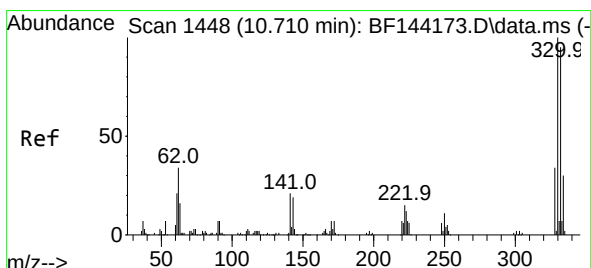
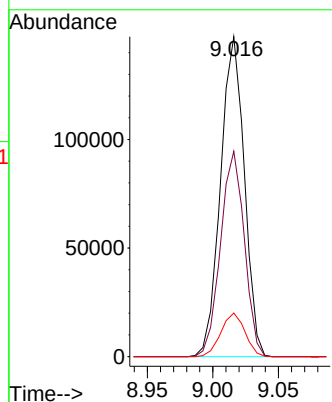
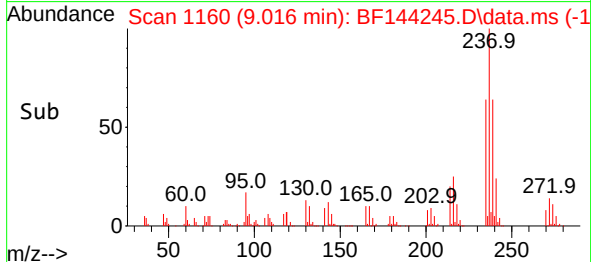
Instrument :
BNA_F
ClientSampleId :
PB170473BS



Tgt Ion:237 Resp: 185990
Ion Ratio Lower Upper
237 100
235 64.2 45.5 85.5
272 13.6 0.0 33.5

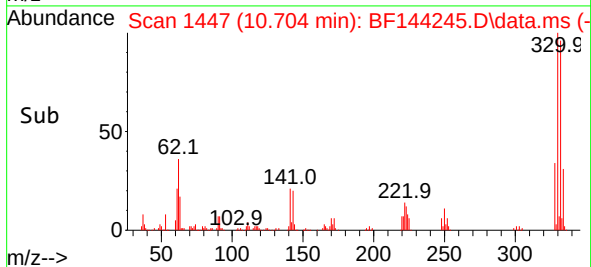
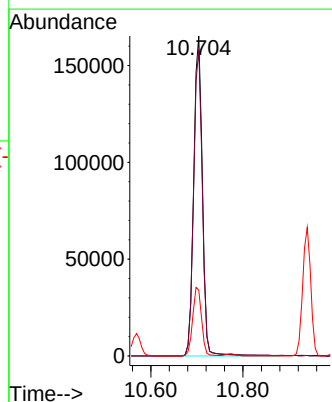
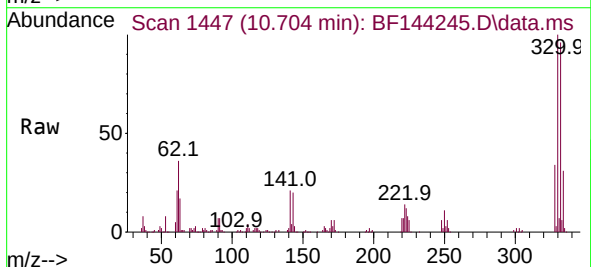
Manual Integrations
APPROVED

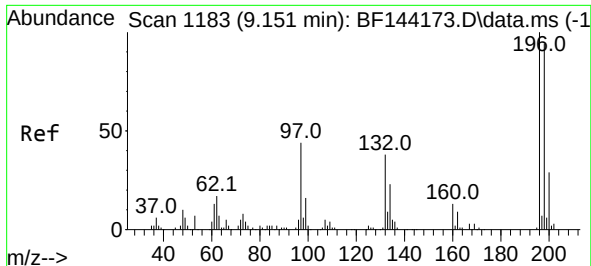
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#42
2,4,6-Tribromophenol
Concen: 122.983 ng
RT: 10.704 min Scan# 1447
Delta R.T. -0.000 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

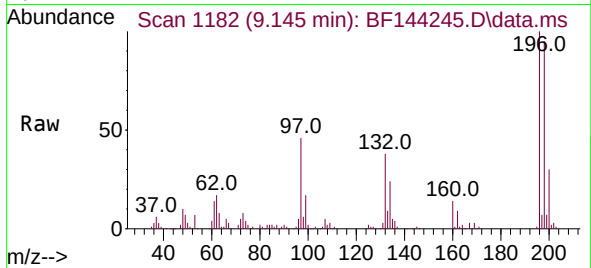
Tgt Ion:330 Resp: 216265
Ion Ratio Lower Upper
330 100
332 95.7 76.7 115.1
141 21.9 17.8 26.8





#43
2,4,6-Trichlorophenol
Concen: 41.122 ng
RT: 9.145 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

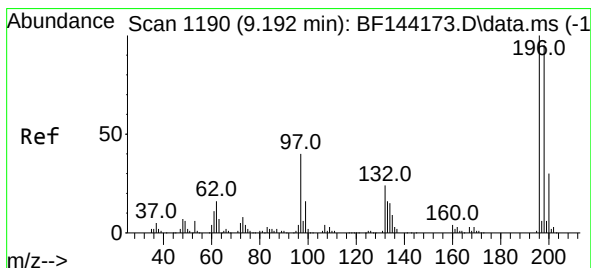
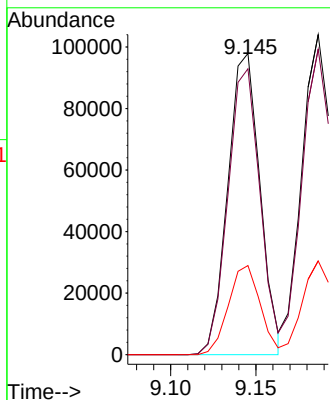
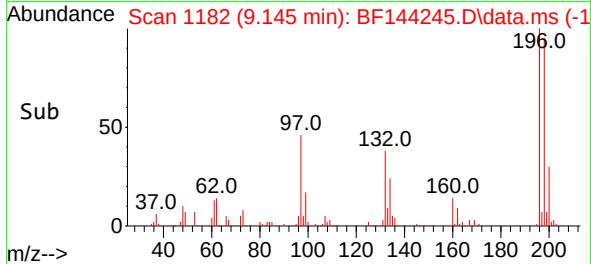
Instrument :
BNA_F
ClientSampleId :
PB170473BS



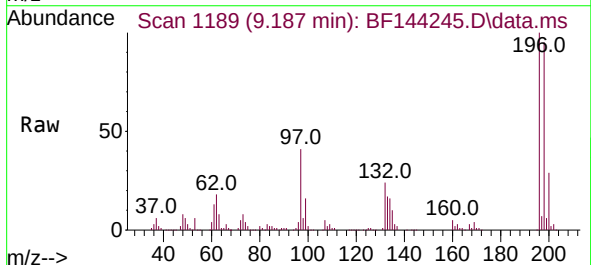
Tgt Ion:196 Resp: 128539
Ion Ratio Lower Upper
196 100
198 94.9 75.3 112.9
200 29.6 23.4 35.2

Manual Integrations
APPROVED

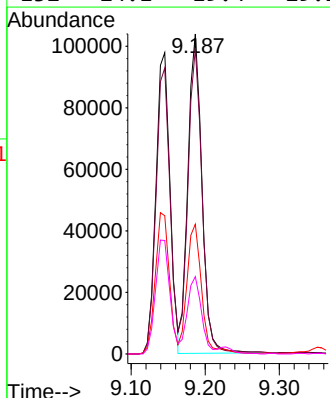
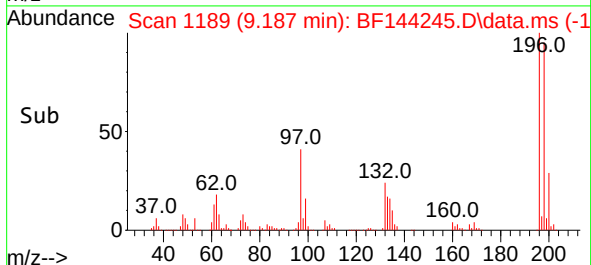
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

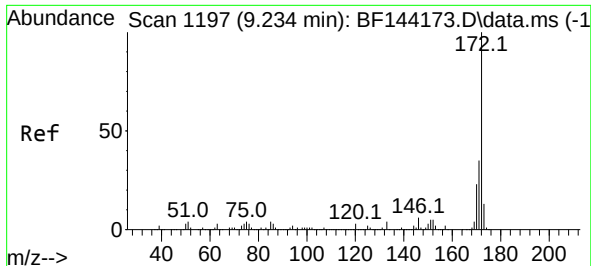


#44
2,4,5-Trichlorophenol
Concen: 40.694 ng
RT: 9.187 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55



Tgt Ion:196 Resp: 137095
Ion Ratio Lower Upper
196 100
198 95.4 76.1 114.1
97 40.5 31.9 47.9
132 24.1 19.4 29.2





#45

2-Fluorobiphenyl

Concen: 76.850 ng

RT: 9.228 min Scan# 1196

Delta R.T. -0.000 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

Instrument :

BNA_F

ClientSampleId :

PB170473BS

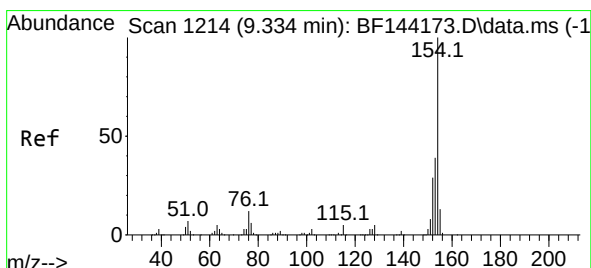
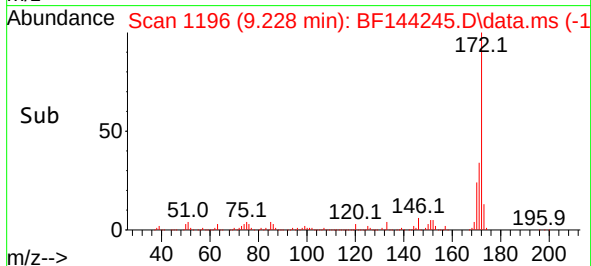
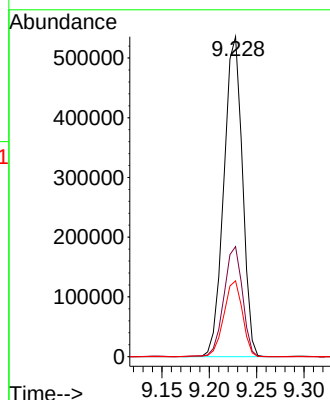
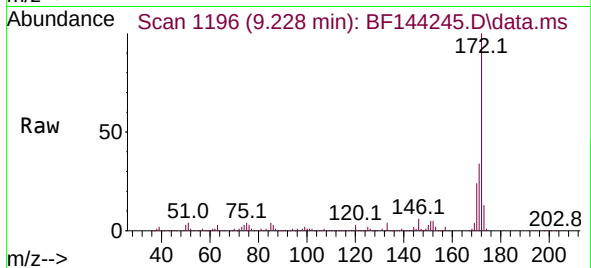
Tgt Ion:172 Resp: 729154

Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.1	42.1
170	23.7	18.6	28.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#46

1,1'-Biphenyl

Concen: 42.315 ng

RT: 9.328 min Scan# 1213

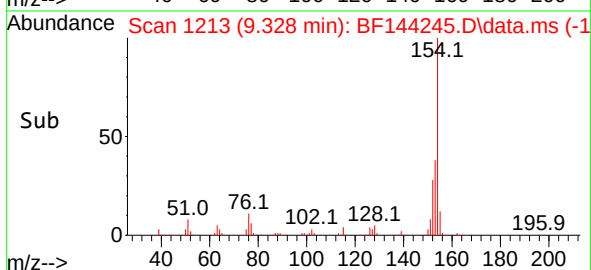
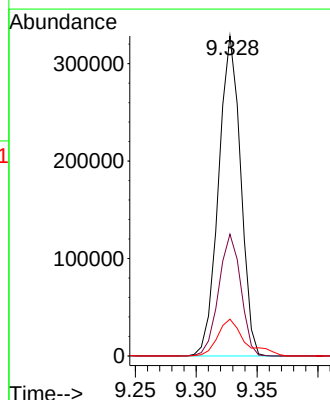
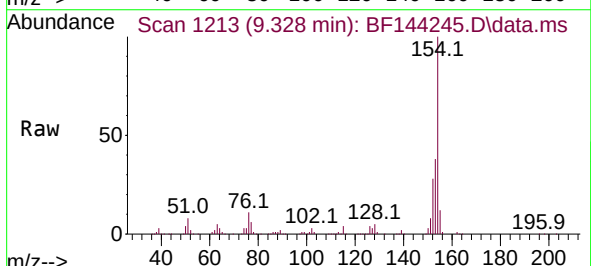
Delta R.T. -0.006 min

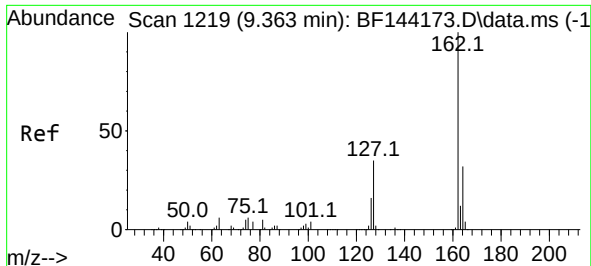
Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

Tgt Ion:154 Resp: 413905

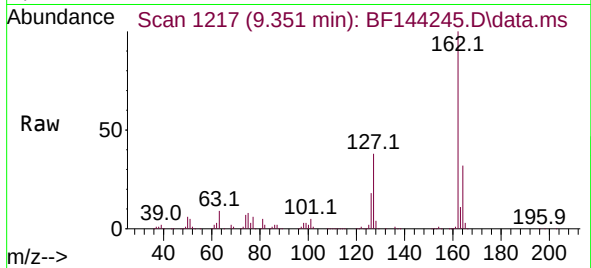
Ion	Ratio	Lower	Upper
154	100		
153	38.0	19.2	59.2
76	11.5	0.0	31.8





#47
2-Chloronaphthalene
Concen: 40.503 ng
RT: 9.351 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

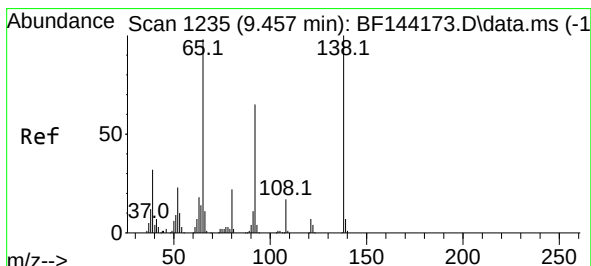
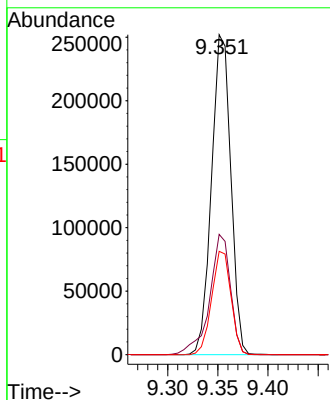
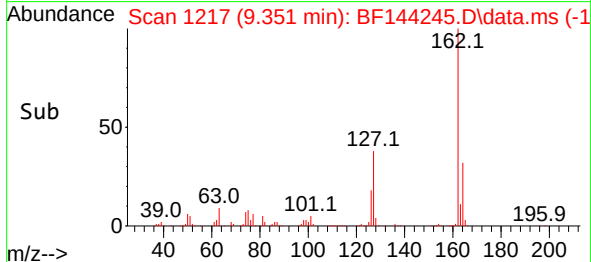
Instrument :
BNA_F
ClientSampleId :
PB170473BS



Tgt Ion:162 Resp: 337950
Ion Ratio Lower Upper
162 100
127 37.6 28.8 43.2
164 32.3 25.8 38.8

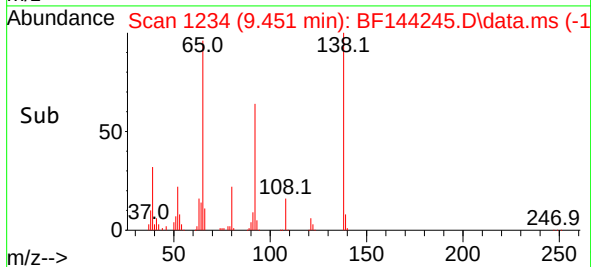
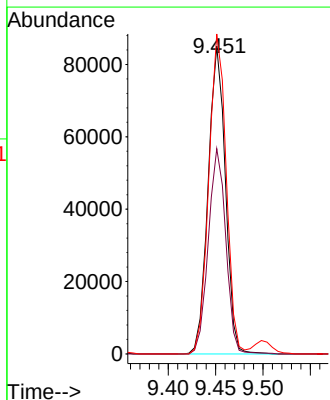
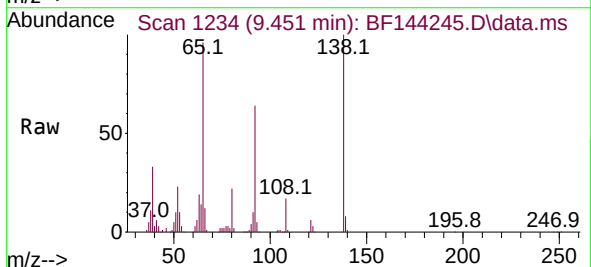
Manual Integrations
APPROVED

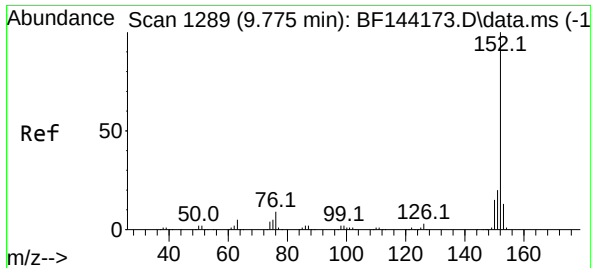
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#48
2-Nitroaniline
Concen: 44.928 ng
RT: 9.451 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

Tgt Ion: 65 Resp: 108163
Ion Ratio Lower Upper
65 100
92 66.7 53.0 79.6
138 104.0 81.6 122.4





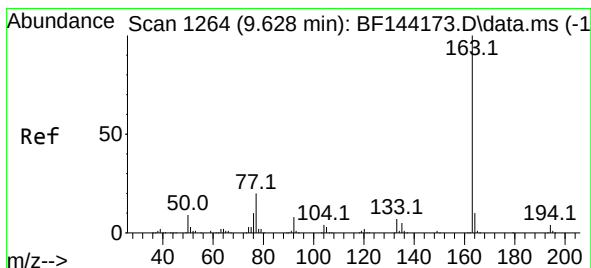
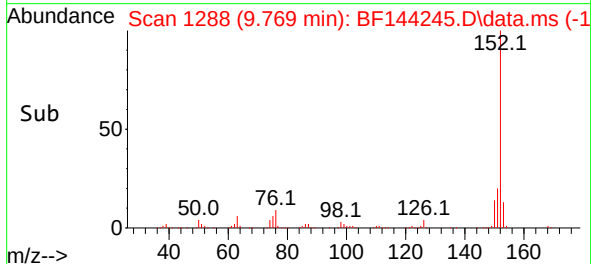
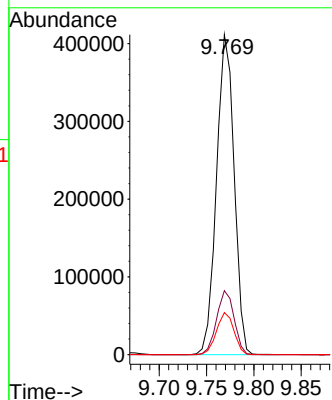
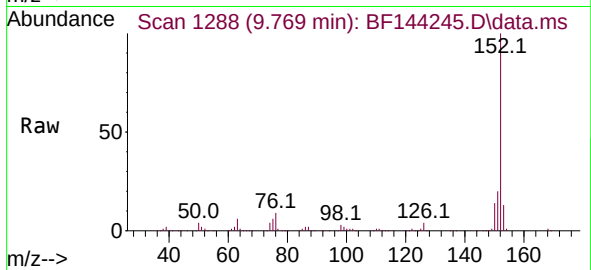
#49
Acenaphthylene
Concen: 46.877 ng
RT: 9.769 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

Instrument :
BNA_F
ClientSampleId :
PB170473BS

Tgt Ion:152 Resp: 533014
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 13.1 10.5 15.7

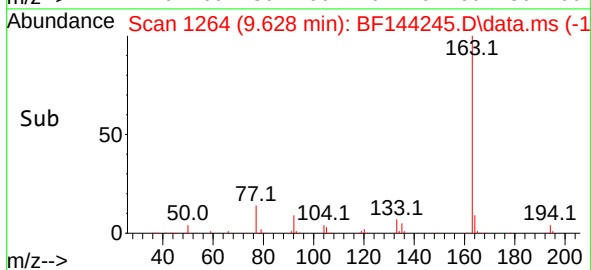
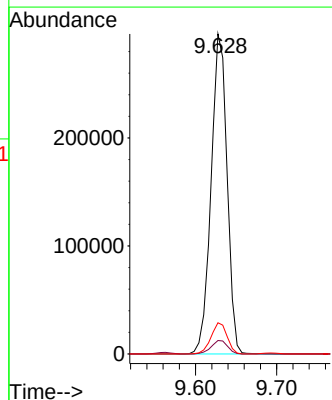
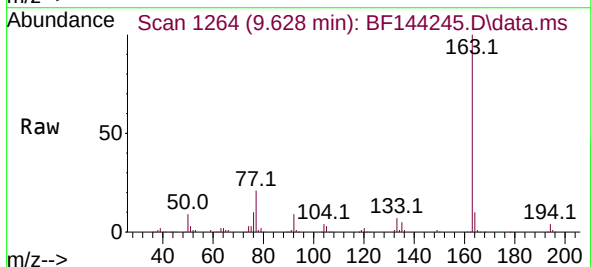
Manual Integrations
APPROVED

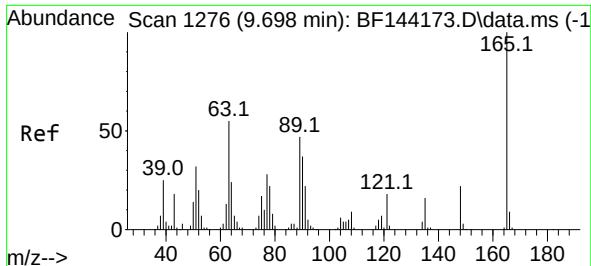
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#50
Dimethylphthalate
Concen: 43.686 ng
RT: 9.628 min Scan# 1264
Delta R.T. -0.000 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

Tgt Ion:163 Resp: 405560
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 9.7 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 46.646 ng
RT: 9.692 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

Instrument :

BNA_F

ClientSampleId :

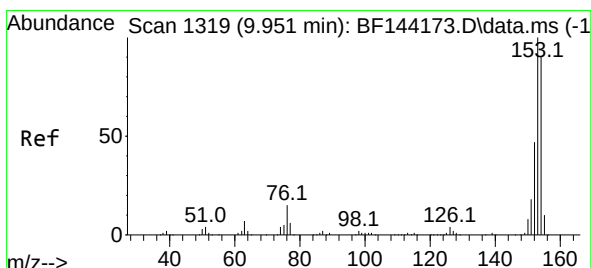
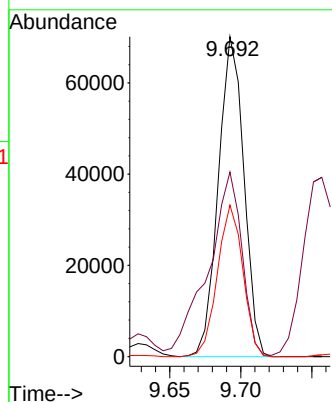
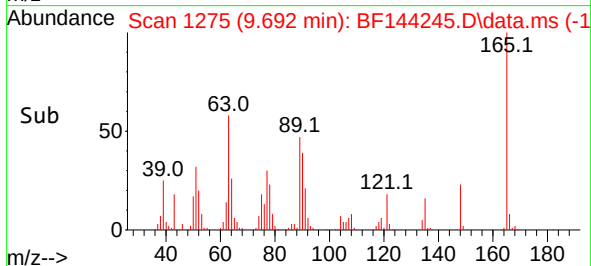
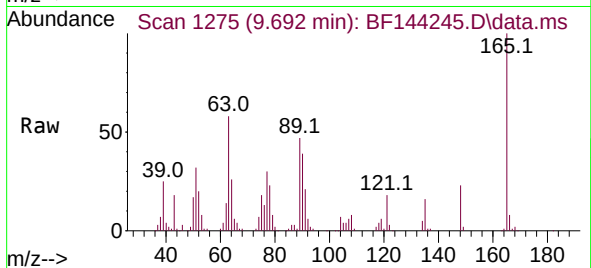
PB170473BS

Tgt Ion:165 Resp: 87663
Ion Ratio Lower Upper
165 100
63 57.7 43.8 65.8
89 47.3 37.5 56.3

Manual Integrations

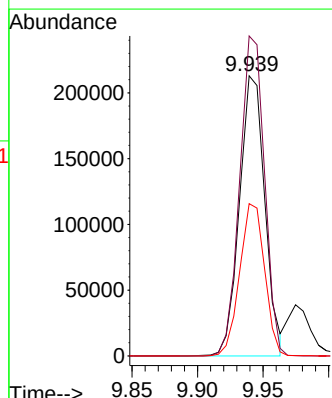
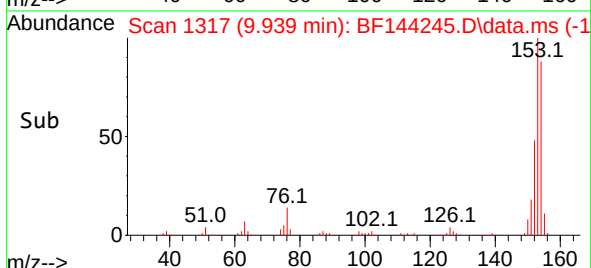
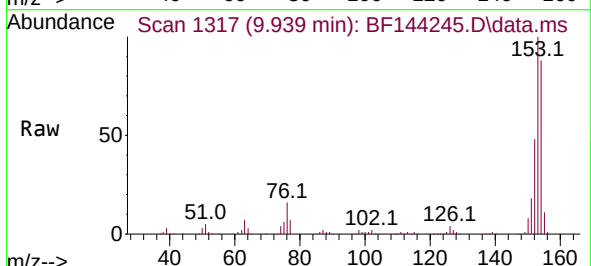
APPROVED

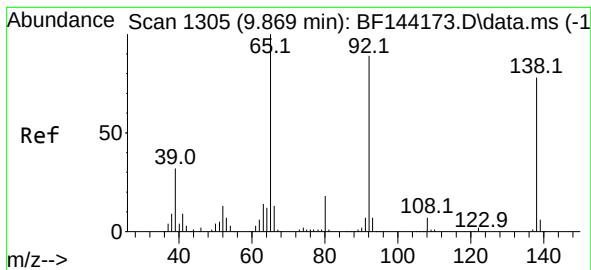
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#52
Acenaphthene
Concen: 37.646 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

Tgt Ion:154 Resp: 286244
Ion Ratio Lower Upper
154 100
153 114.3 89.0 133.4
152 54.3 42.2 63.4





#53
3-Nitroaniline
Concen: 26.020 ng
RT: 9.863 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

Instrument :

BNA_F

ClientSampleId :

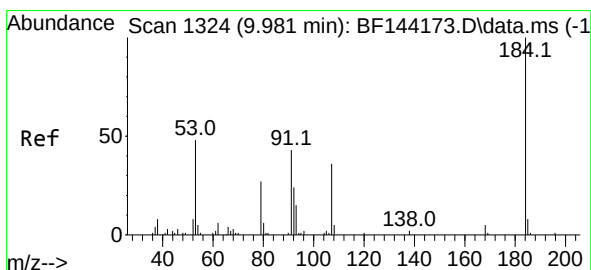
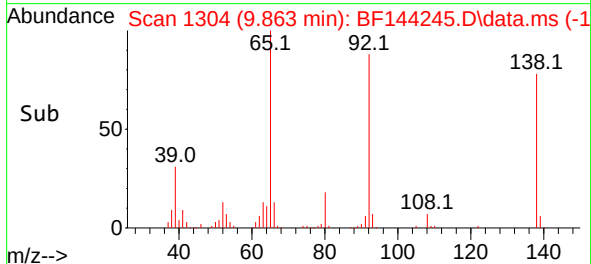
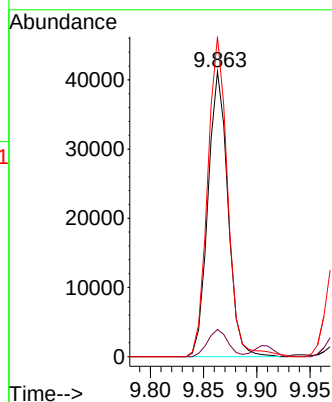
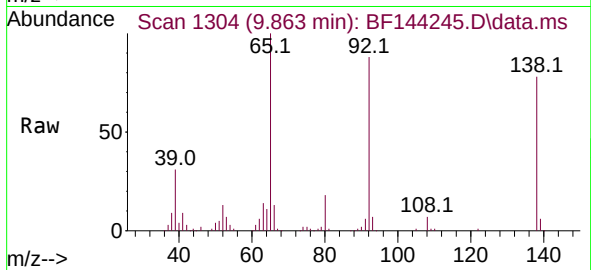
PB170473BS

Tgt Ion:138 Resp: 5345
Ion Ratio Lower Upper
138 100
108 9.5 7.5 11.3
92 112.2 91.8 137.6

Manual Integrations

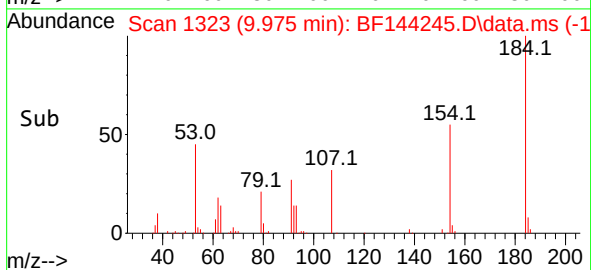
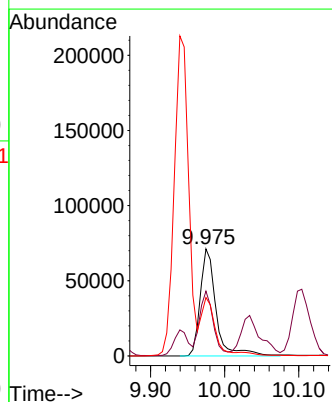
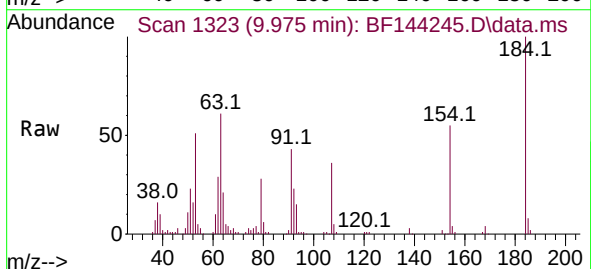
APPROVED

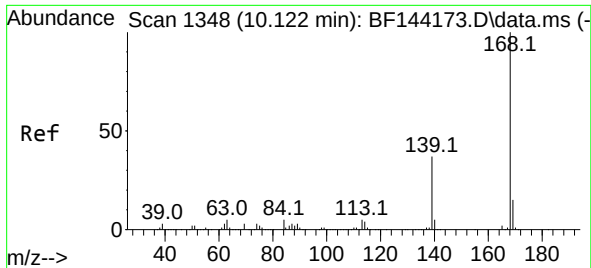
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#54
2,4-Dinitrophenol
Concen: 93.073 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.012 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

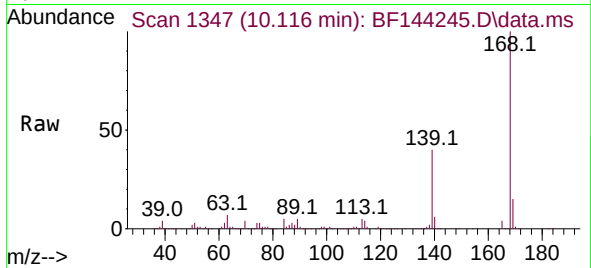
Tgt Ion:184 Resp: 105620
Ion Ratio Lower Upper
184 100
63 60.6 44.0 66.0
154 54.6 42.4 63.6





#55
Dibenzenofuran
Concen: 40.396 ng
RT: 10.116 min Scan# 1347
Delta R.T. -0.000 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

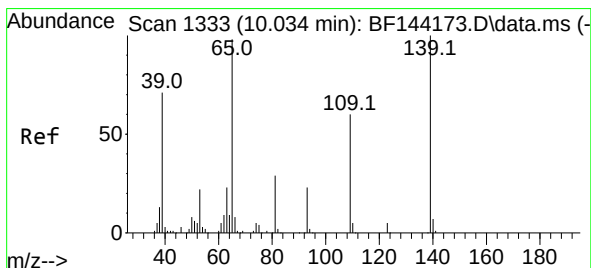
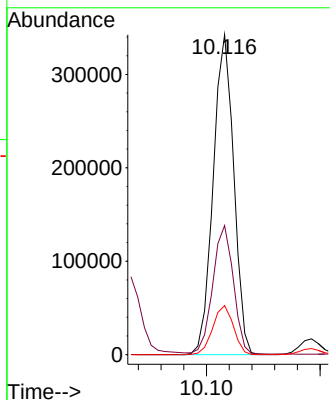
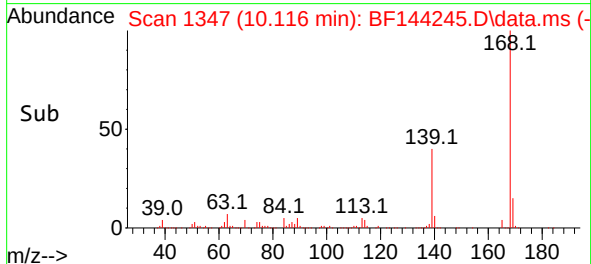
Instrument :
BNA_F
ClientSampleId :
PB170473BS



Tgt Ion:168 Resp: 430172
Ion Ratio Lower Upper
168 100
139 40.3 30.2 45.2
169 15.4 12.2 18.4

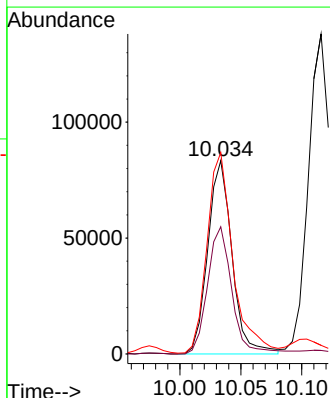
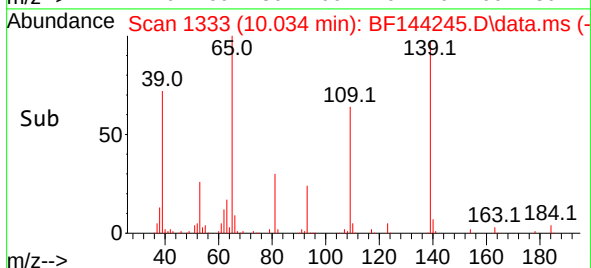
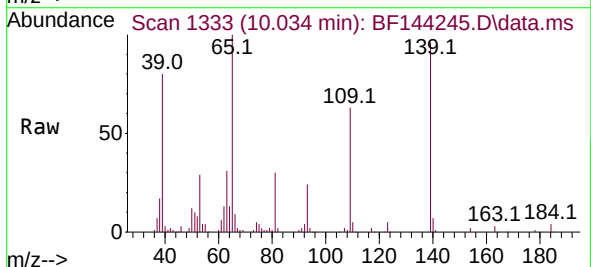
Manual Integrations
APPROVED

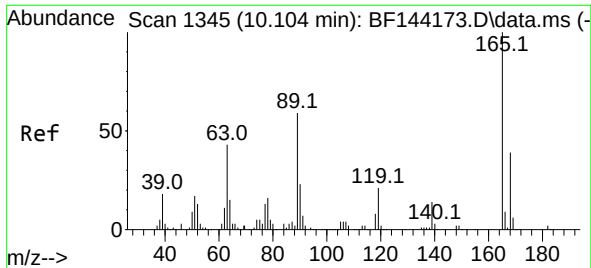
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#56
4-Nitrophenol
Concen: 77.783 ng
RT: 10.034 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

Tgt Ion:139 Resp: 115588
Ion Ratio Lower Upper
139 100
109 65.8 39.9 79.9
65 104.2 79.5 119.5





#57
2,4-Dinitrotoluene
Concen: 46.184 ng
RT: 10.098 min Scan# 1344
Delta R.T. -0.000 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

Instrument :

BNA_F

ClientSampleId :

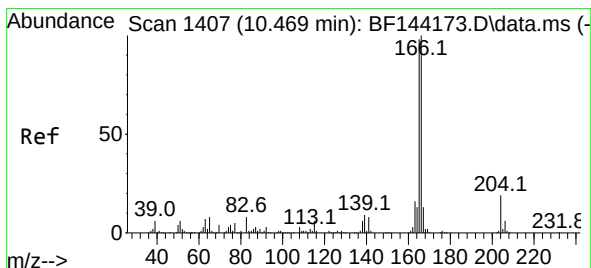
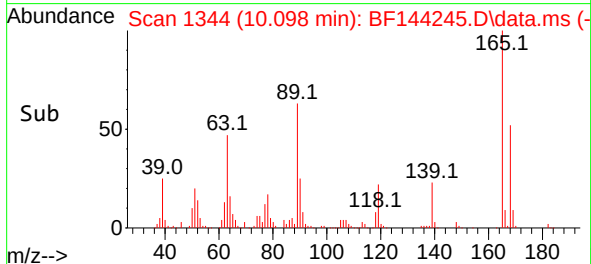
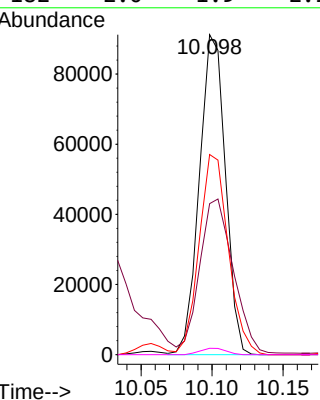
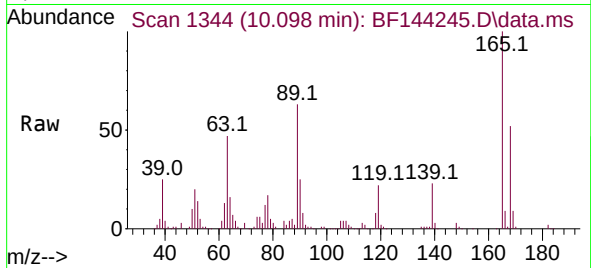
PB170473BS

Tgt Ion:165 Resp: 116188
Ion Ratio Lower Upper
165 100
63 47.2 35.5 53.3
89 62.5 47.4 71.2
182 2.0 1.9 2.9

Manual Integrations

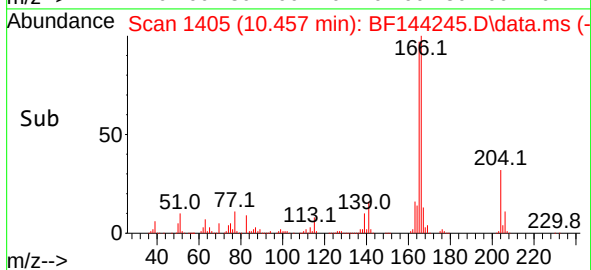
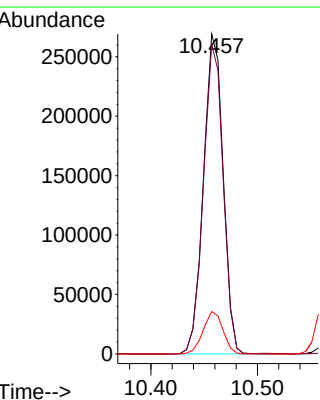
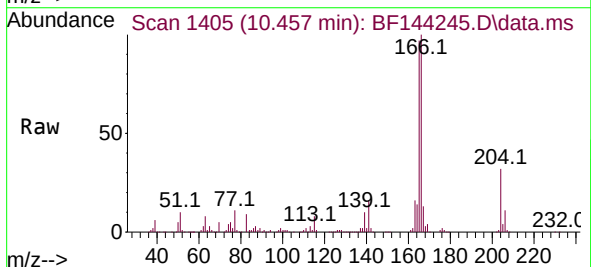
APPROVED

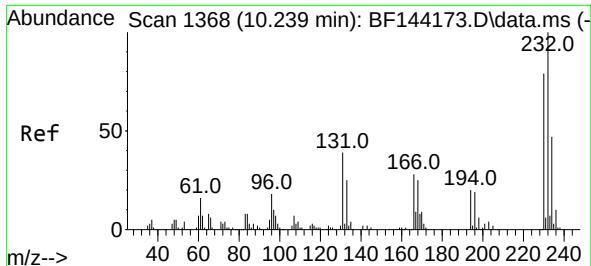
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#58
Fluorene
Concen: 42.784 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

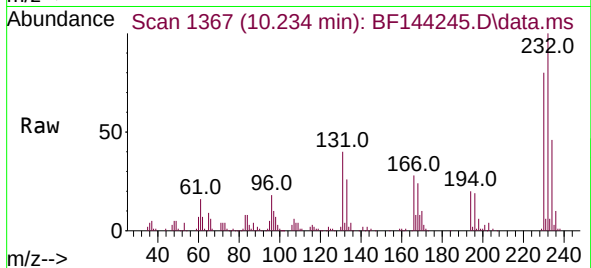
Tgt Ion:166 Resp: 346406
Ion Ratio Lower Upper
166 100
165 96.8 78.6 118.0
167 13.2 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.234 ng
RT: 10.234 min Scan# 1367
Delta R.T. -0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

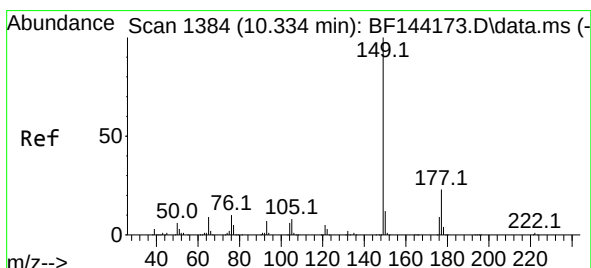
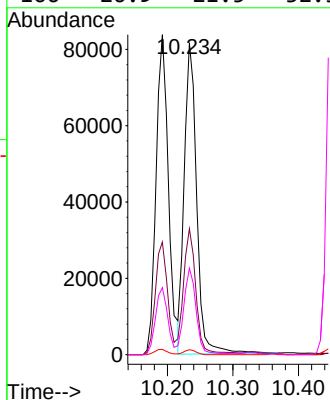
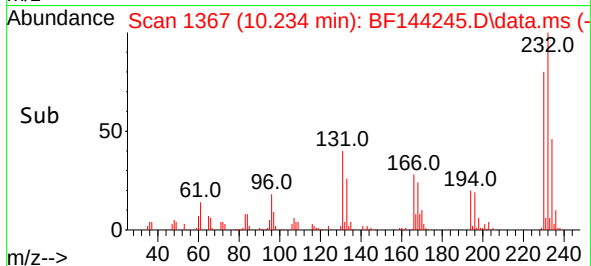
Instrument :
BNA_F
ClientSampleId :
PB170473BS



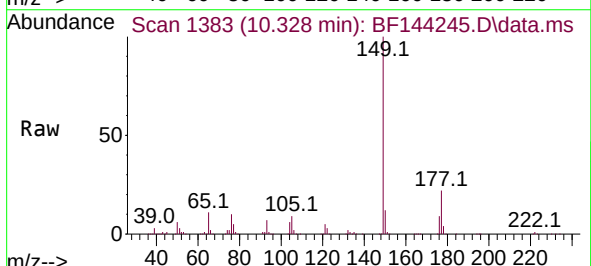
Tgt Ion:232 Resp: 107816
Ion Ratio Lower Upper
232 100
131 41.3 30.3 45.5
130 1.5 1.2 1.8
166 26.9 21.5 32.3

Manual Integrations
APPROVED

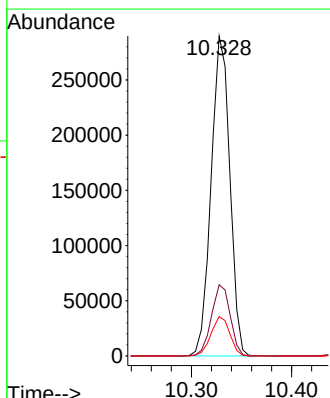
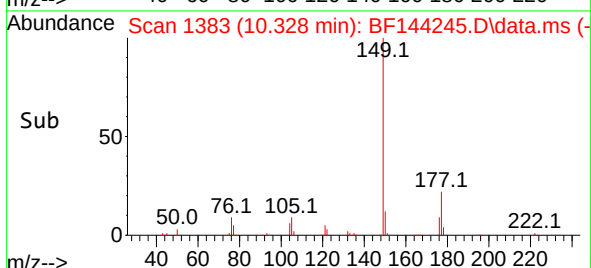
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

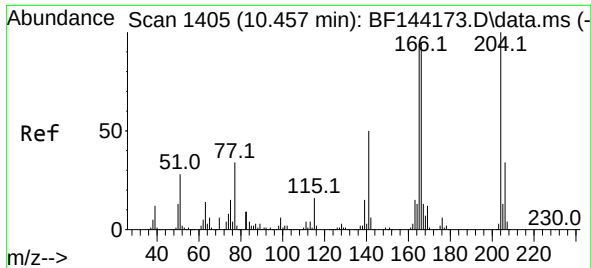


#60
Diethylphthalate
Concen: 43.734 ng
RT: 10.328 min Scan# 1383
Delta R.T. -0.000 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55



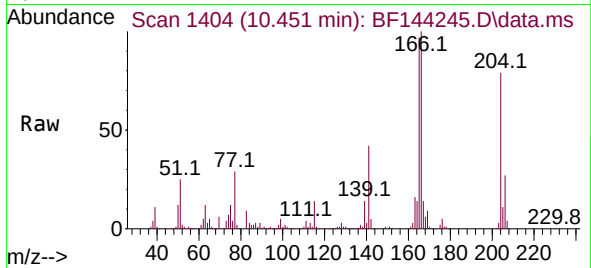
Tgt Ion:149 Resp: 374276
Ion Ratio Lower Upper
149 100
177 22.2 18.3 27.5
150 12.3 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 40.526 ng
RT: 10.451 min Scan# 1404
Delta R.T. -0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

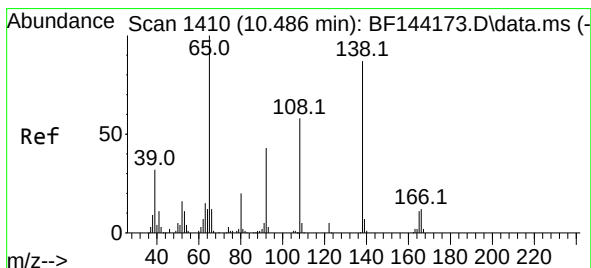
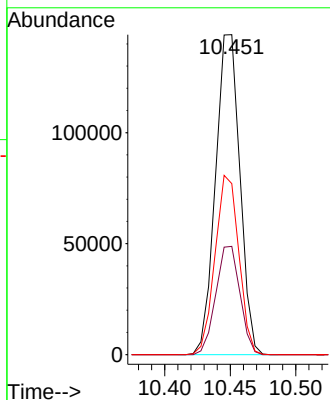
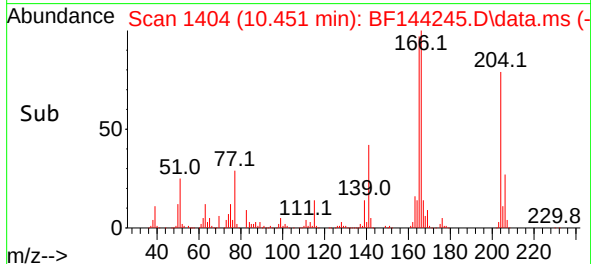
Instrument :
BNA_F
ClientSampleId :
PB170473BS



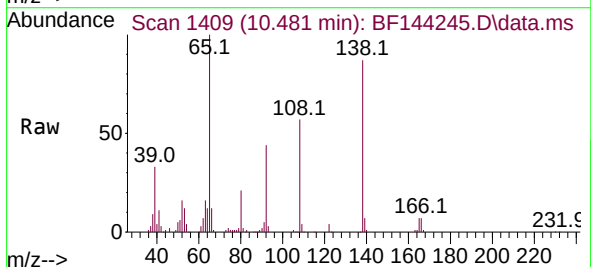
Tgt Ion:204 Resp: 186905
Ion Ratio Lower Upper
204 100
206 33.8 27.4 41.2
141 53.4 40.0 60.0

Manual Integrations
APPROVED

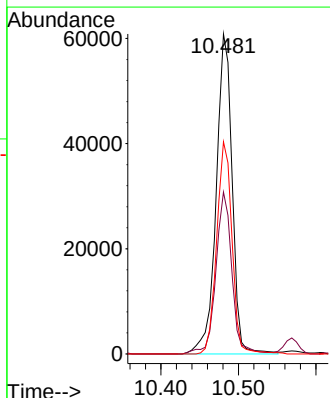
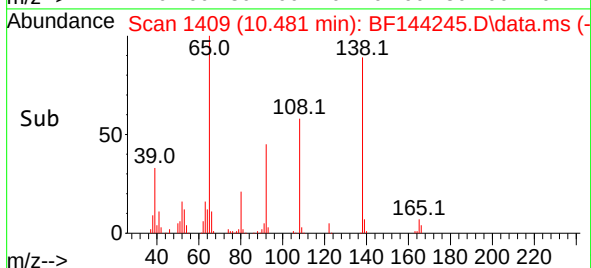
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

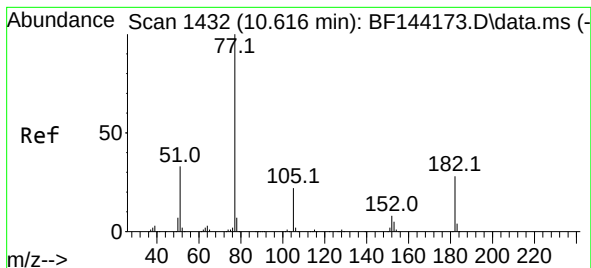


#62
4-Nitroaniline
Concen: 44.639 ng
RT: 10.481 min Scan# 1409
Delta R.T. 0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55



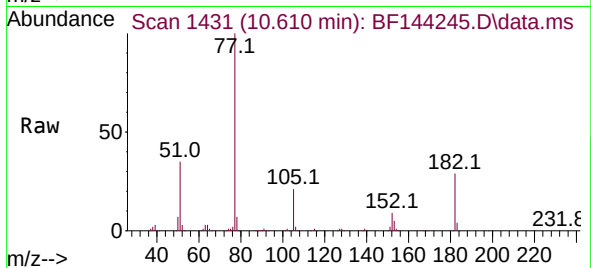
Tgt Ion:138 Resp: 87332
Ion Ratio Lower Upper
138 100
92 50.6 29.4 69.4
108 66.3 46.4 86.4





#63
Azobenzene
Concen: 45.196 ng
RT: 10.610 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

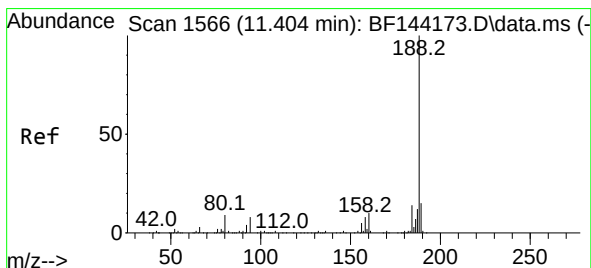
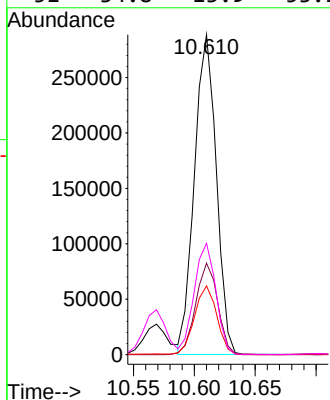
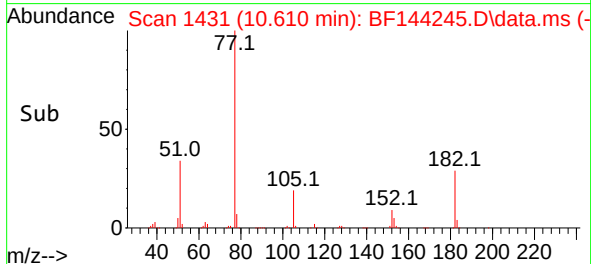
Instrument :
BNA_F
ClientSampleId :
PB170473BS



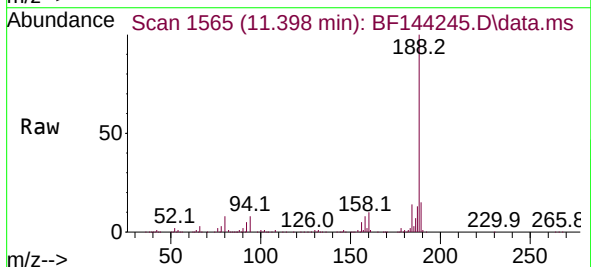
Tgt Ion: 77 Resp: 359970
Ion Ratio Lower Upper
77 100
182 28.6 8.1 48.1
105 21.5 2.0 42.0
51 34.8 13.9 53.9

Manual Integrations
APPROVED

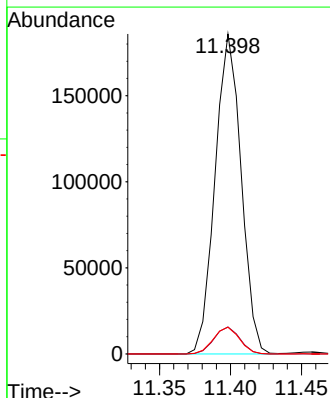
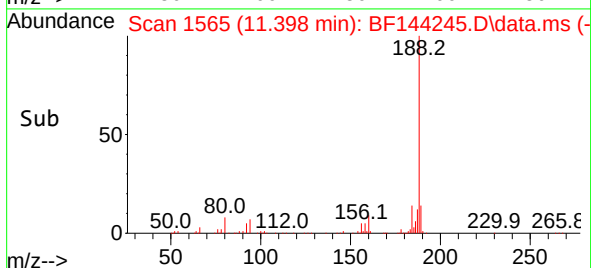
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

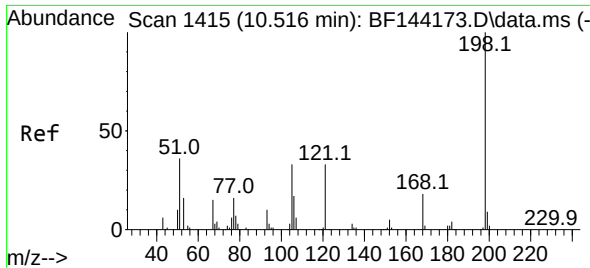


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55



Tgt Ion:188 Resp: 236951
Ion Ratio Lower Upper
188 100
94 8.4 6.2 9.2
80 8.3 6.9 10.3





#65
4,6-Dinitro-2-methylphenol
Concen: 43.140 ng
RT: 10.510 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

Instrument :

BNA_F

ClientSampleId :

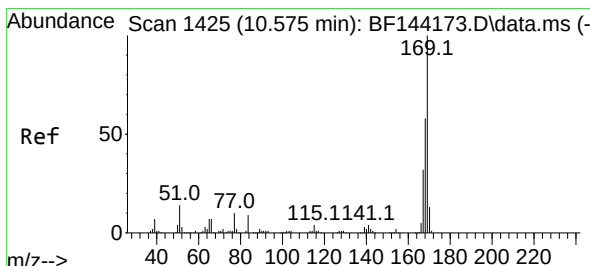
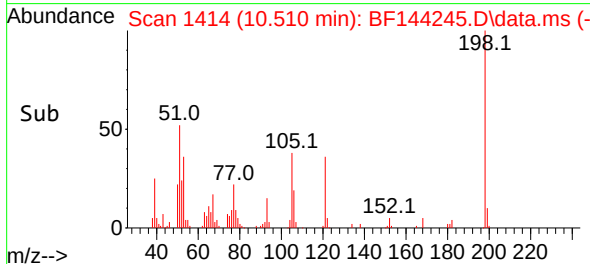
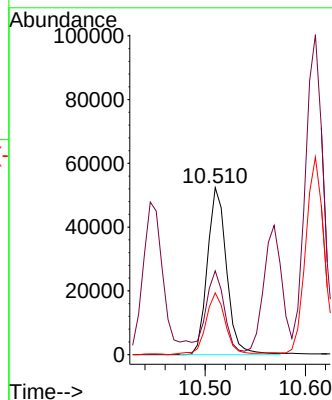
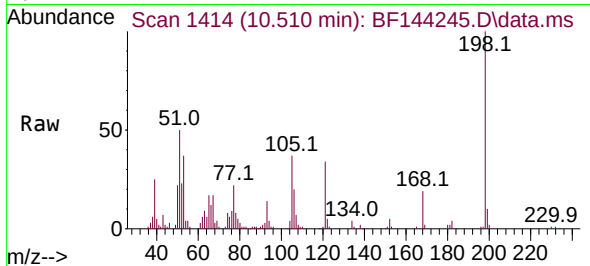
PB170473BS

Tgt Ion:198 Resp: 69443
Ion Ratio Lower Upper
198 100
51 50.2 25.6 65.6
105 37.0 14.6 54.6

Manual Integrations

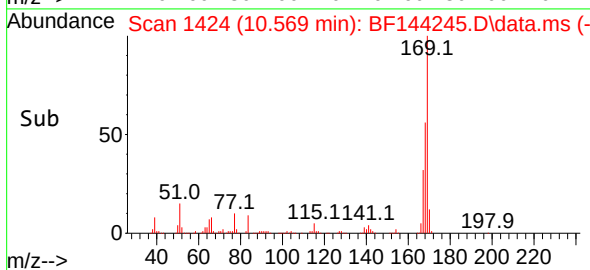
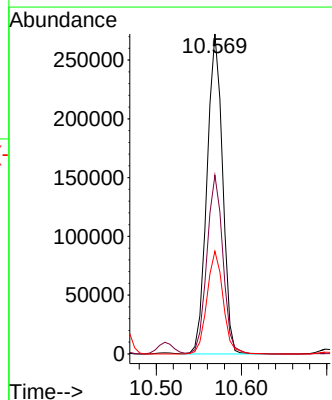
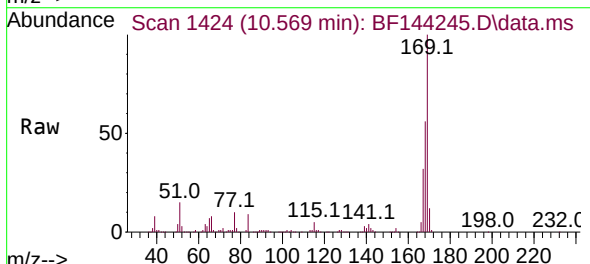
APPROVED

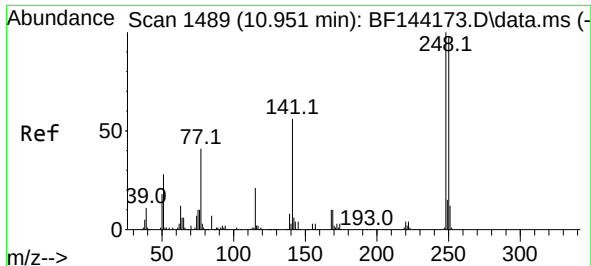
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#66
n-Nitrosodiphenylamine
Concen: 45.387 ng
RT: 10.569 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

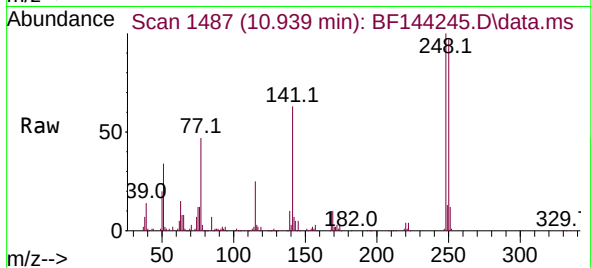
Tgt Ion:169 Resp: 345895
Ion Ratio Lower Upper
169 100
168 55.8 46.2 69.2
167 32.1 25.7 38.5





#67
4-Bromophenyl-phenylether
Concen: 42.683 ng
RT: 10.939 min Scan# 1489
Delta R.T. -0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

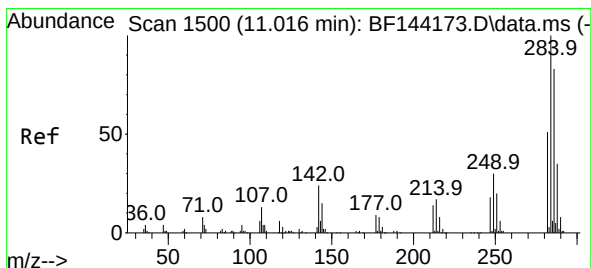
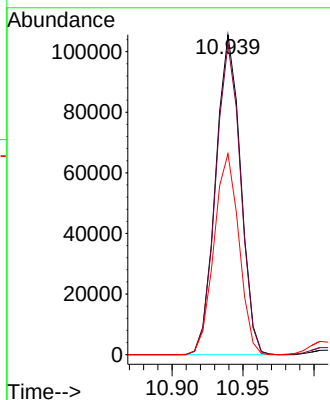
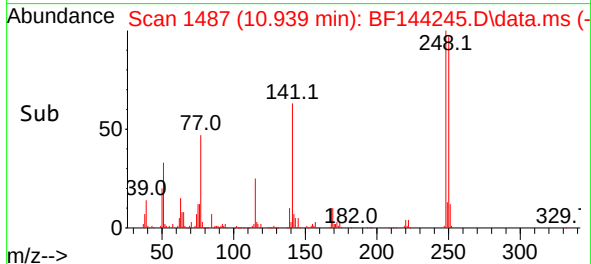
Instrument :
BNA_F
ClientSampleId :
PB170473BS



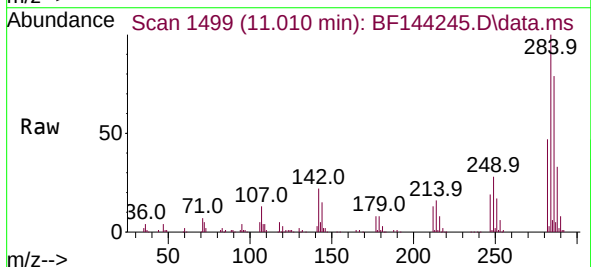
Tgt Ion:248 Resp: 129092
Ion Ratio Lower Upper
248 100
250 97.1 78.4 117.6
141 62.8 45.1 67.7

Manual Integrations
APPROVED

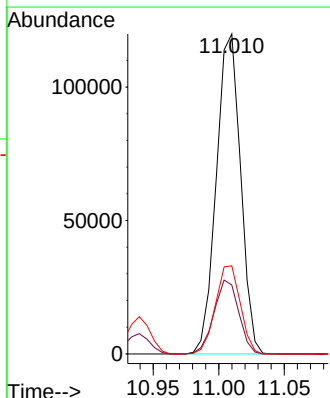
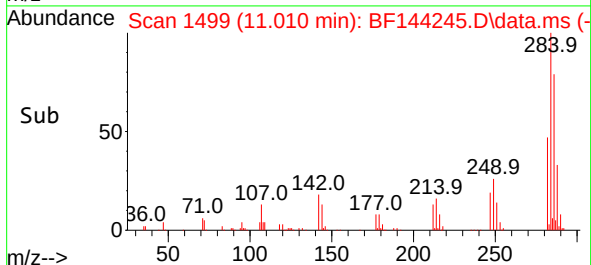
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

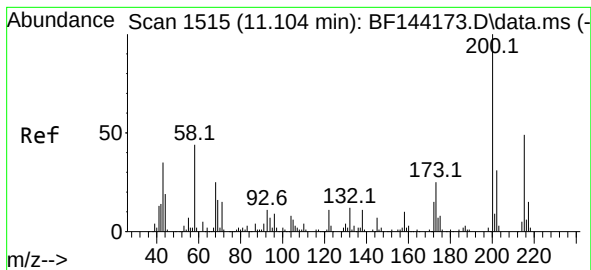


#68
Hexachlorobenzene
Concen: 43.495 ng
RT: 11.010 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55



Tgt Ion:284 Resp: 154946
Ion Ratio Lower Upper
284 100
142 21.5 19.2 28.8
249 27.5 23.8 35.8





#69

Atrazine

Concen: 45.352 ng

RT: 11.098 min Scan# 1514

Delta R.T. -0.000 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

Instrument :

BNA_F

ClientSampleId :

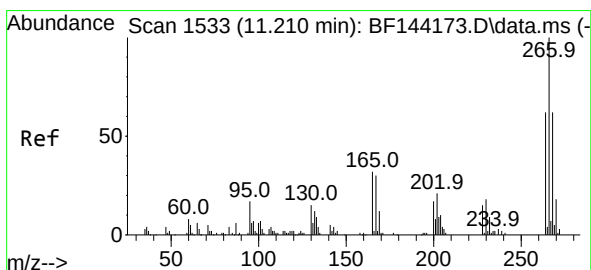
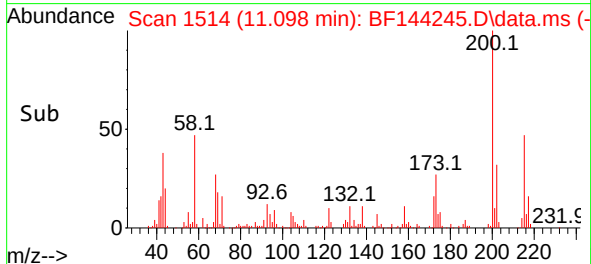
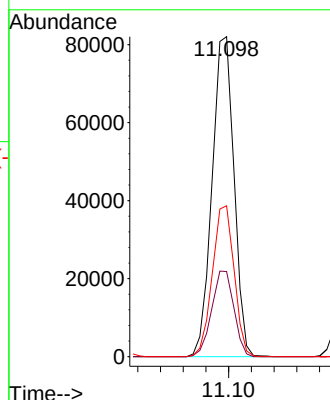
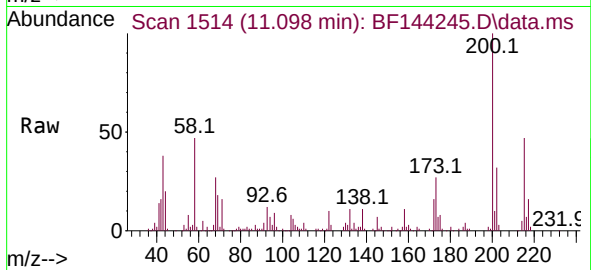
PB170473BS

Tgt Ion:200 Resp: 10991
Ion Ratio Lower Upper
200 100
173 26.6 5.0 45.0
215 47.1 28.7 68.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#70

Pentachlorophenol

Concen: 83.663 ng

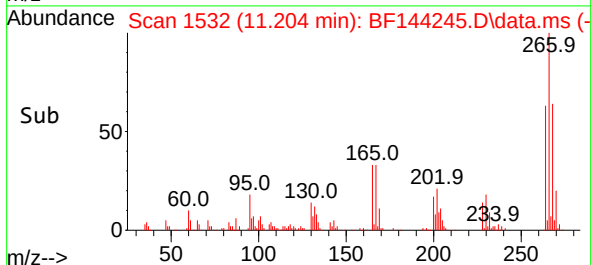
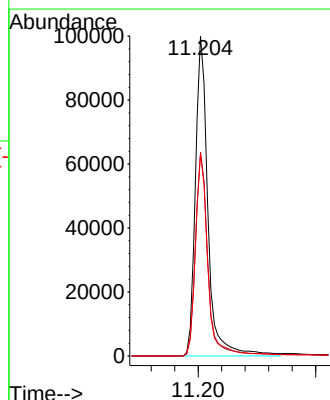
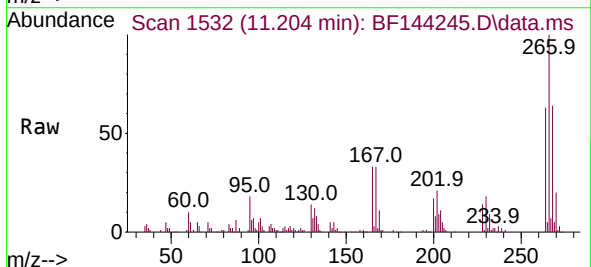
RT: 11.204 min Scan# 1532

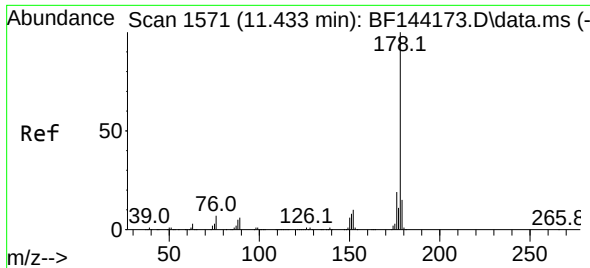
Delta R.T. -0.012 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

Tgt Ion:266 Resp: 148413
Ion Ratio Lower Upper
266 100
268 63.6 49.5 74.3
264 63.3 49.4 74.2





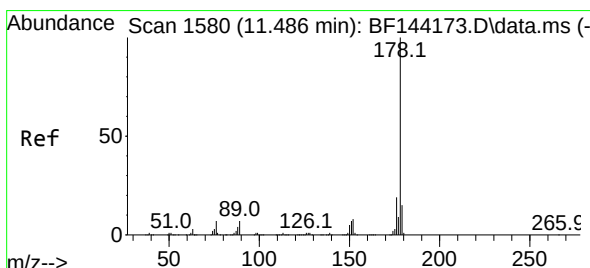
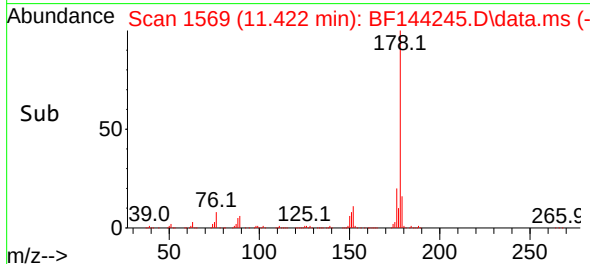
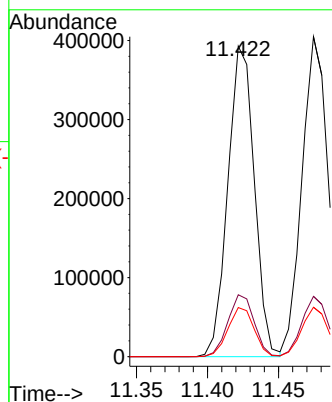
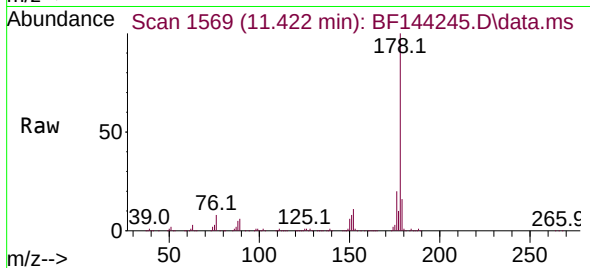
#71
Phenanthrene
Concen: 43.204 ng
RT: 11.422 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

Instrument :
BNA_F
ClientSampleId :
PB170473BS

Tgt Ion:178 Resp: 509691
Ion Ratio Lower Upper
178 100
176 19.9 15.5 23.3
179 15.8 12.2 18.4

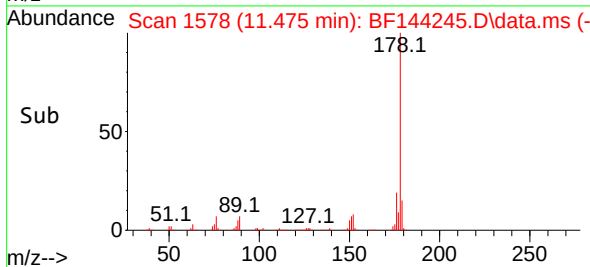
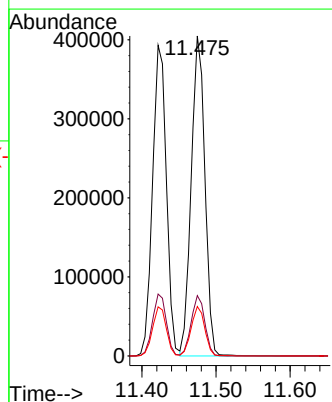
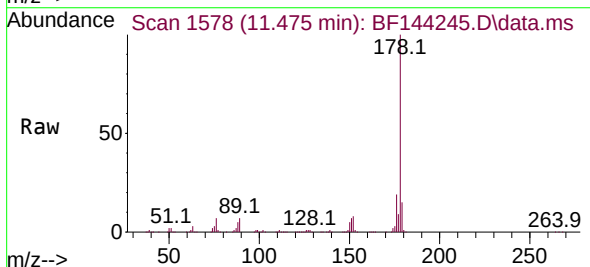
Manual Integrations
APPROVED

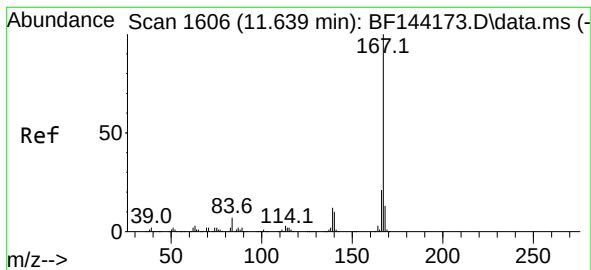
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#72
Anthracene
Concen: 43.285 ng
RT: 11.475 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

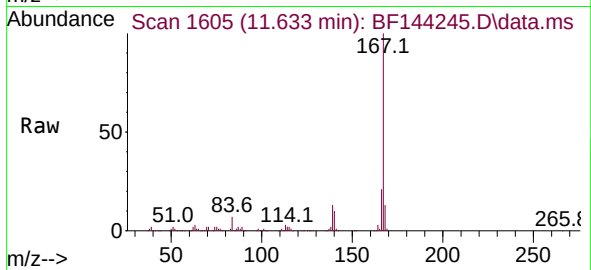
Tgt Ion:178 Resp: 519244
Ion Ratio Lower Upper
178 100
176 18.8 15.3 22.9
179 15.4 12.0 18.0





#73
Carbazole
Concen: 43.444 ng
RT: 11.633 min Scan# 1605
Delta R.T. -0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

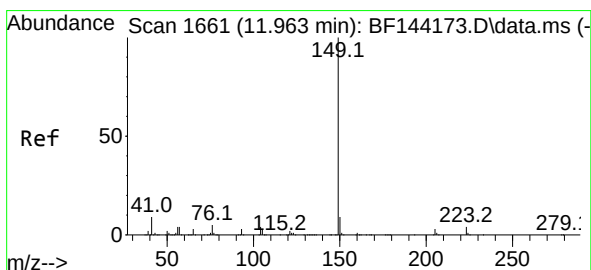
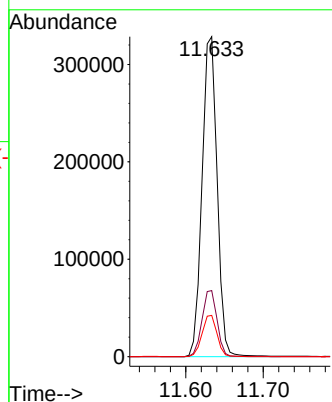
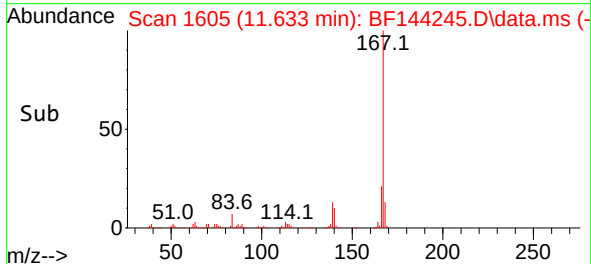
Instrument :
BNA_F
ClientSampleId :
PB170473BS



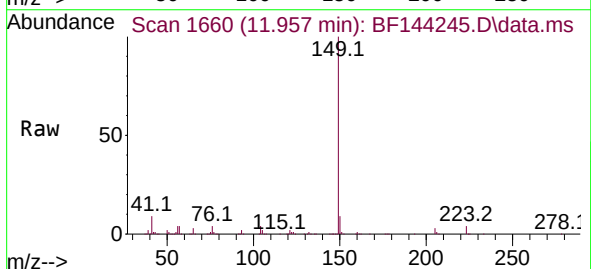
Tgt Ion:167 Resp: 443160
Ion Ratio Lower Upper
167 100
166 20.6 17.2 25.8
139 12.9 9.9 14.9

Manual Integrations
APPROVED

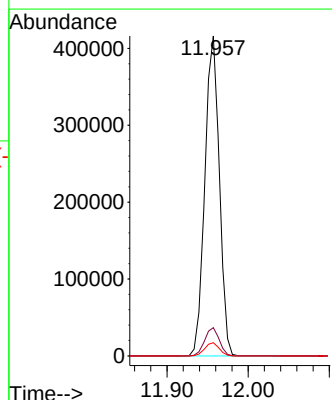
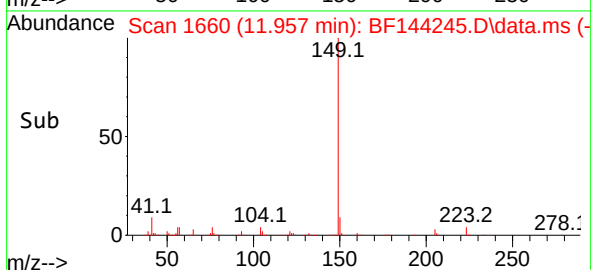
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

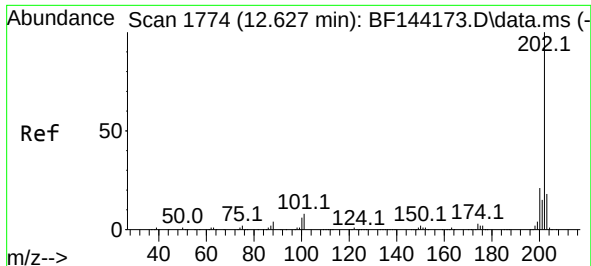


#74
Di-n-butylphthalate
Concen: 41.903 ng
RT: 11.957 min Scan# 1660
Delta R.T. -0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55



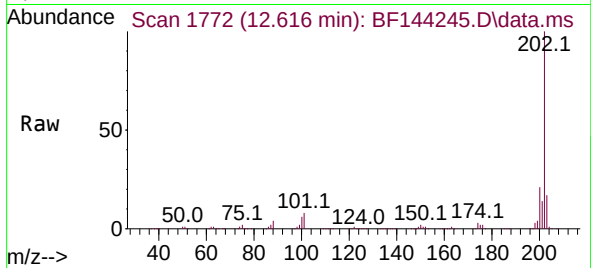
Tgt Ion:149 Resp: 516718
Ion Ratio Lower Upper
149 100
150 8.8 7.4 11.0
104 4.1 3.4 5.2





#75
Fluoranthene
Concen: 41.326 ng
RT: 12.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

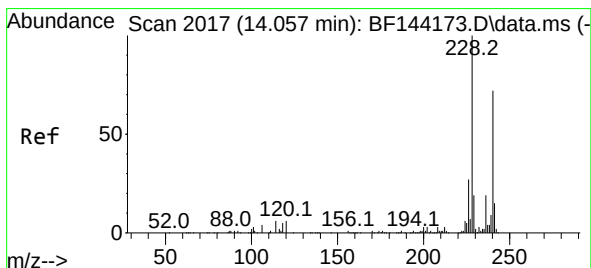
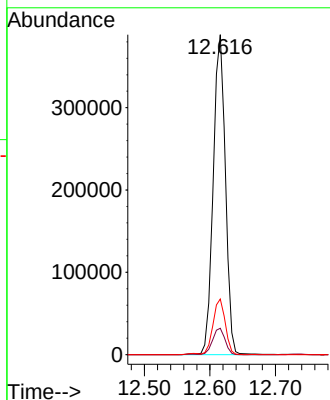
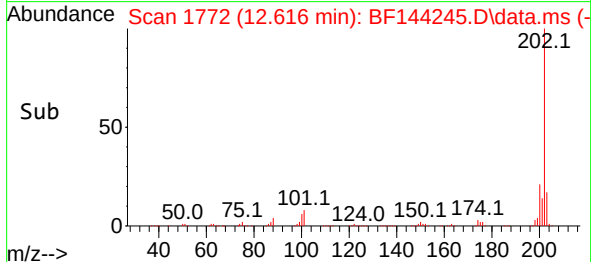
Instrument :
BNA_F
ClientSampleId :
PB170473BS



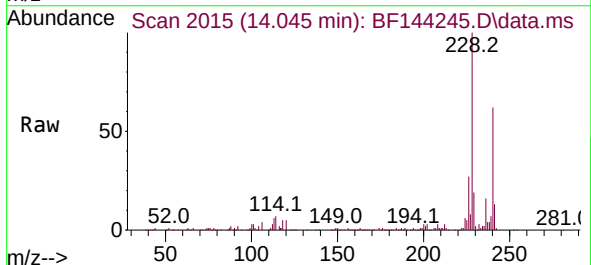
Tgt Ion:202 Resp: 50363
Ion Ratio Lower Upper
202 100
101 8.2 0.0 27.9
203 17.4 0.0 37.5

Manual Integrations
APPROVED

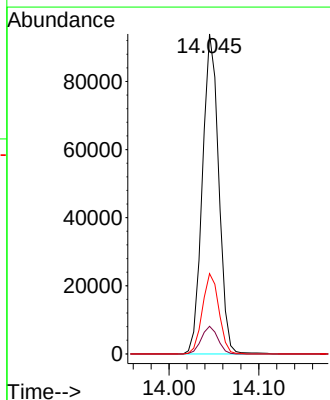
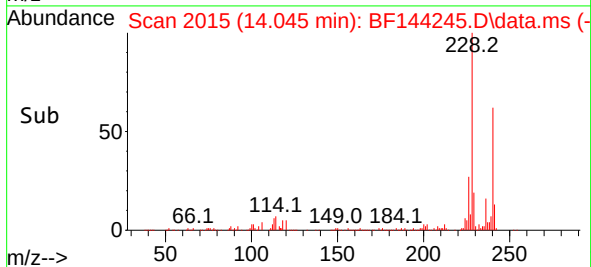
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

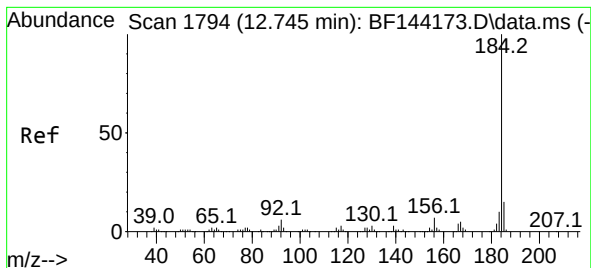


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55



Tgt Ion:240 Resp: 118377
Ion Ratio Lower Upper
240 100
120 8.6 6.6 10.0
236 25.1 21.4 32.2





#77

Benzidine

Concen: 44.637 ng

RT: 12.733 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF144245.D

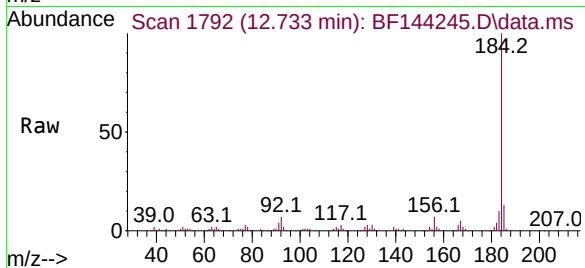
Acq: 13 Nov 2025 15:55

Instrument :

BNA_F

ClientSampleId :

PB170473BS



Tgt Ion:184 Resp: 156298

Ion Ratio Lower Upper

184 100

185 12.9 11.7 17.5

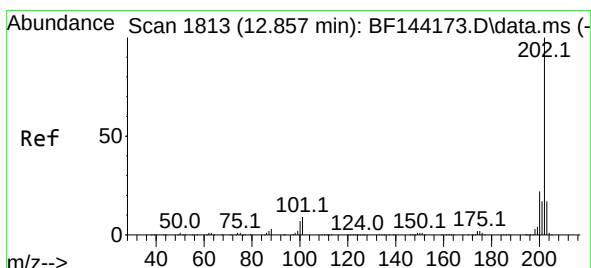
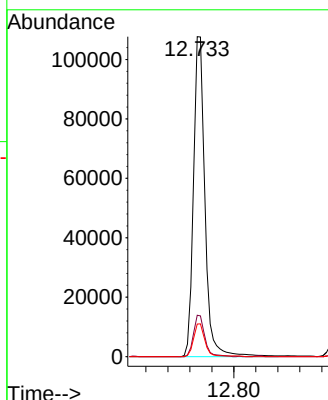
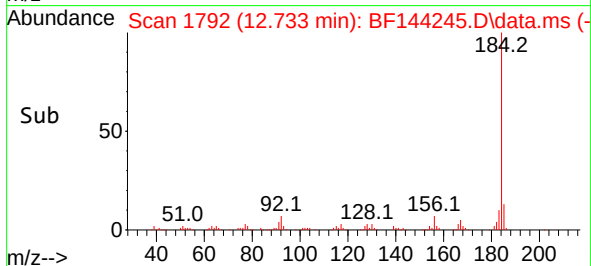
183 10.2 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#78

Pyrene

Concen: 51.692 ng

RT: 12.845 min Scan# 1811

Delta R.T. -0.006 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

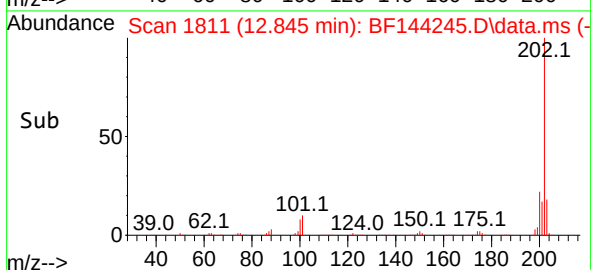
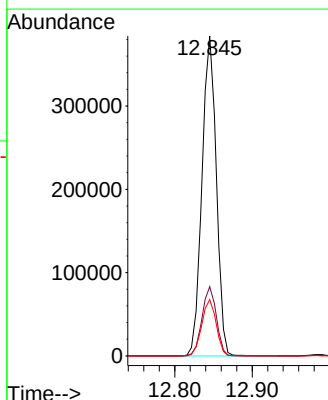
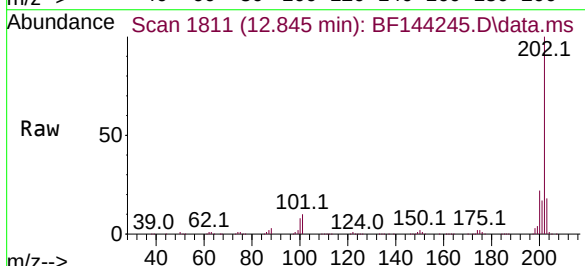
Tgt Ion:202 Resp: 493385

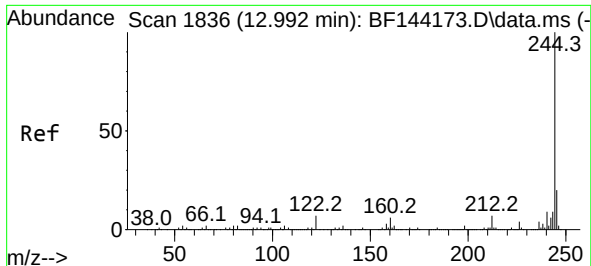
Ion Ratio Lower Upper

202 100

200 21.6 17.2 25.8

203 17.6 13.7 20.5





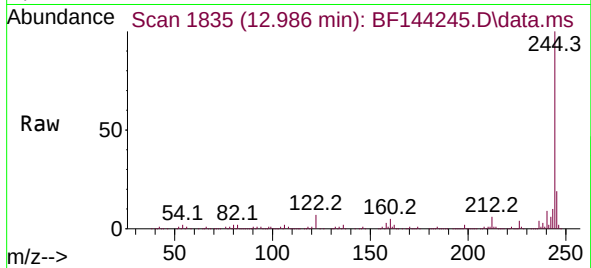
#79
 Terphenyl-d14
 Concen: 96.499 ng
 RT: 12.986 min Scan# 1835
 Delta R.T. -0.006 min
 Lab File: BF144245.D
 Acq: 13 Nov 2025 15:55

Instrument :

BNA_F

ClientSampleId :

PB170473BS

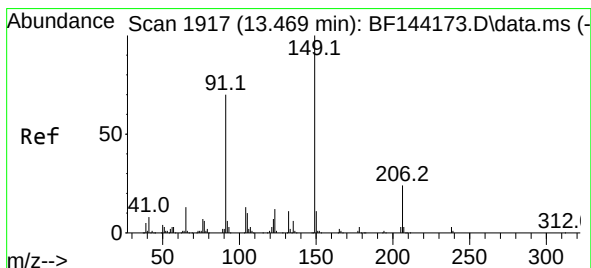
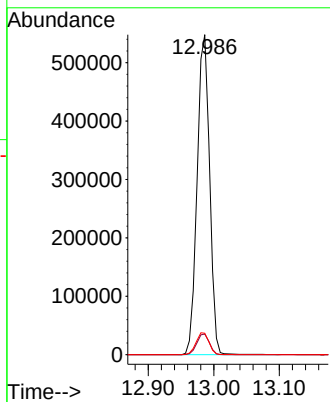
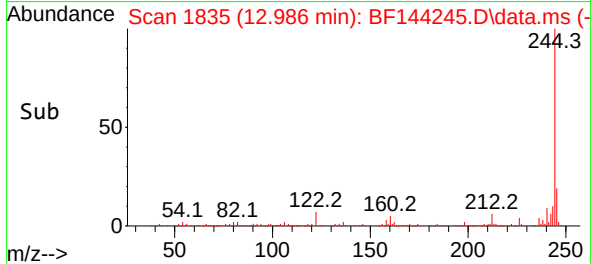


Tgt Ion:244 Resp: 719166
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.3 7.9
 122 6.7 5.6 8.4

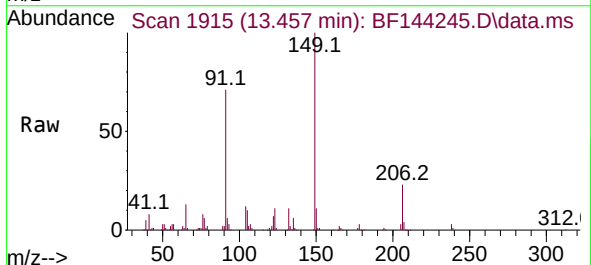
Manual Integrations

APPROVED

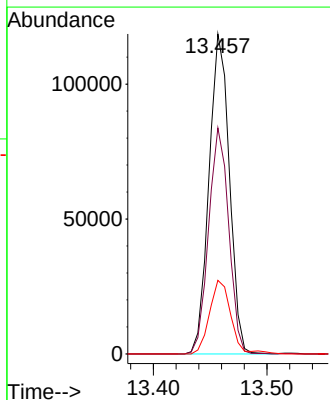
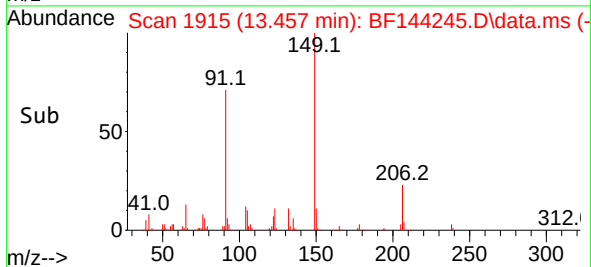
Reviewed By :Jagrut Upadhyay 11/14/2025
 Supervised By :Sohil Jodhani 11/14/2025

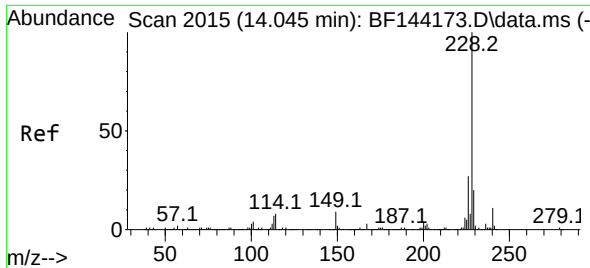


#80
 Butylbenzylphthalate
 Concen: 44.669 ng
 RT: 13.457 min Scan# 1915
 Delta R.T. -0.012 min
 Lab File: BF144245.D
 Acq: 13 Nov 2025 15:55



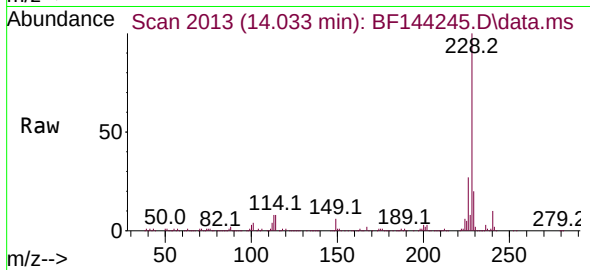
Tgt Ion:149 Resp: 147769
 Ion Ratio Lower Upper
 149 100
 91 70.6 56.1 84.1
 206 23.0 18.8 28.2





#81
Benzo(a)anthracene
Concen: 45.151 ng
RT: 14.033 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

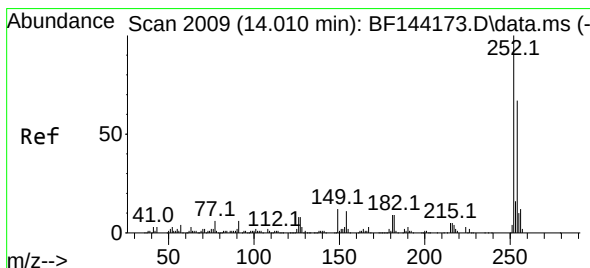
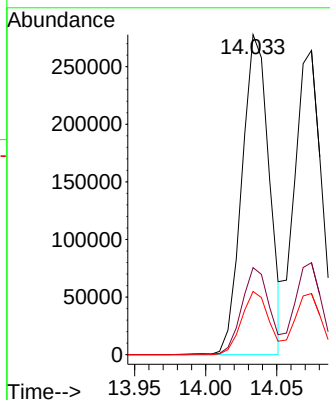
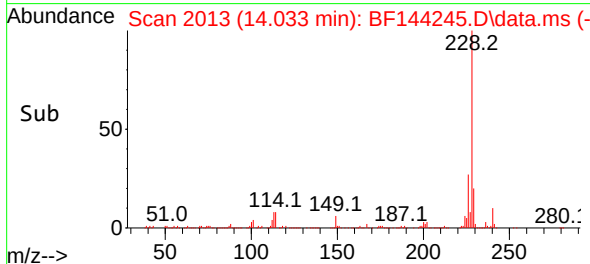
Instrument :
BNA_F
ClientSampleId :
PB170473BS



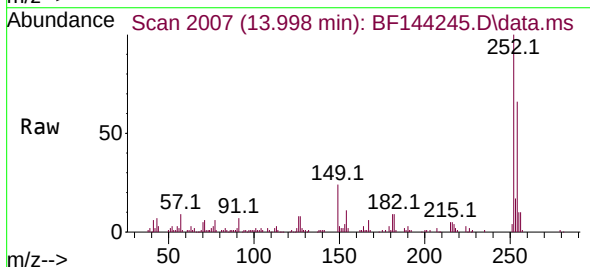
Tgt Ion:228 Resp: 370438
Ion Ratio Lower Upper
228 100
226 27.2 21.8 32.8
229 19.7 15.8 23.6

Manual Integrations
APPROVED

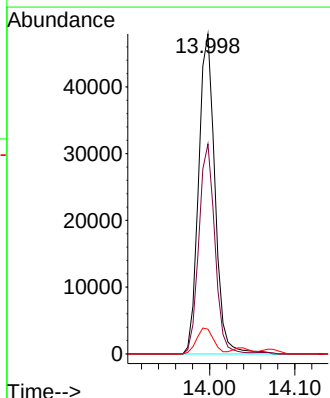
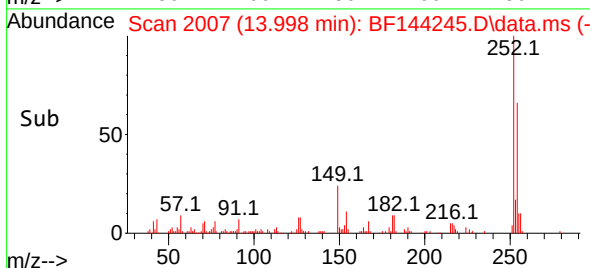
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

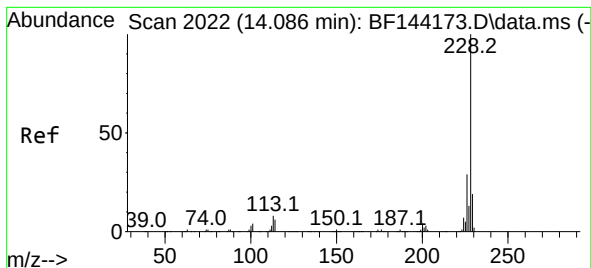


#82
3,3'-Dichlorobenzidine
Concen: 22.710 ng
RT: 13.998 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55



Tgt Ion:252 Resp: 63866
Ion Ratio Lower Upper
252 100
254 65.6 53.5 80.3
126 7.7 6.4 9.6





#83

Chrysene

Concen: 46.470 ng

RT: 14.074 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

Instrument :

BNA_F

ClientSampleId :

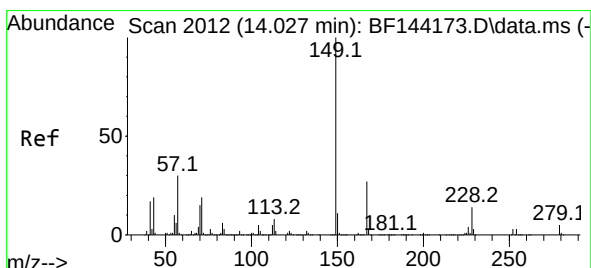
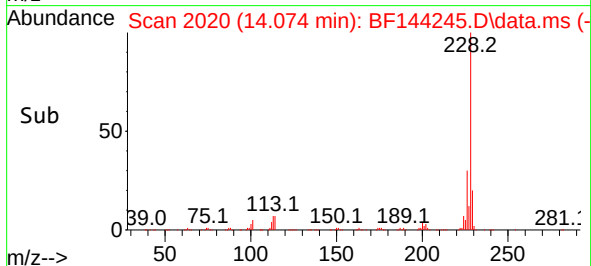
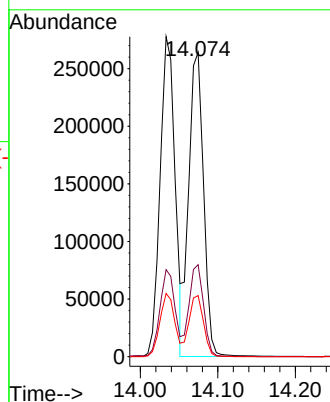
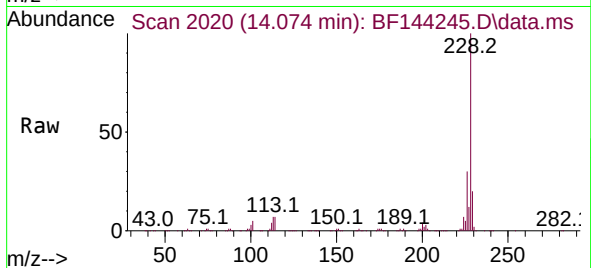
PB170473BS

Tgt Ion:	228	Resp:	351949
Ion Ratio	Lower	Upper	
228	100		
226	30.2	22.9	34.3
229	20.0	15.0	22.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.545 ng

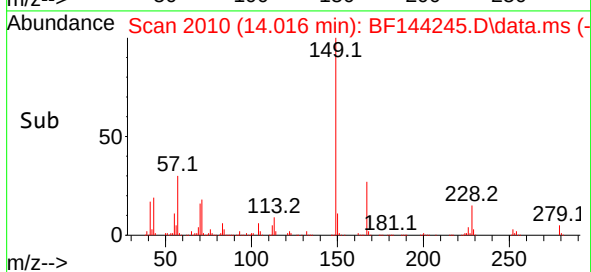
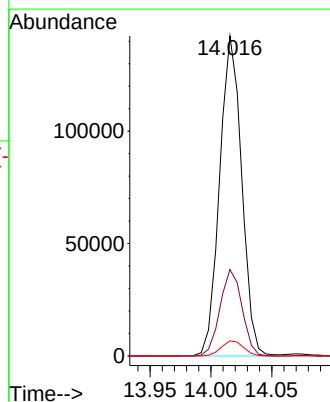
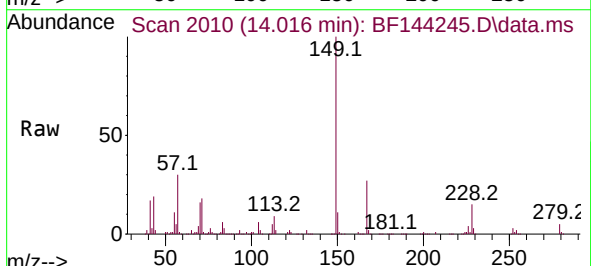
RT: 14.016 min Scan# 2010

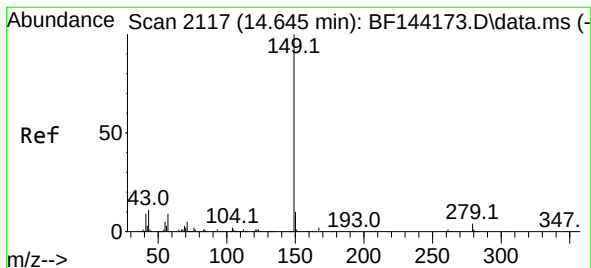
Delta R.T. -0.012 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

Tgt Ion:	149	Resp:	179079
Ion Ratio	Lower	Upper	
149	100		
167	27.0	21.8	32.8
279	4.7	3.7	5.5





#85

Di-n-octyl phthalate

Concen: 41.231 ng

RT: 14.633 min Scan# 2115

Delta R.T. -0.012 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

Instrument :

BNA_F

ClientSampleId :

PB170473BS

Tgt Ion:149 Resp: 322146

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

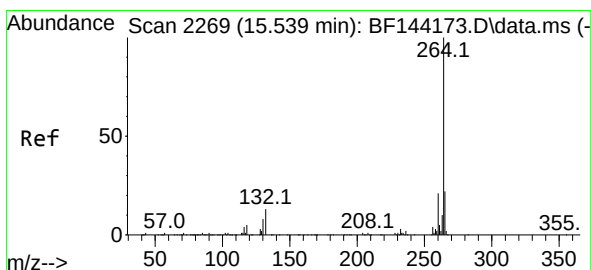
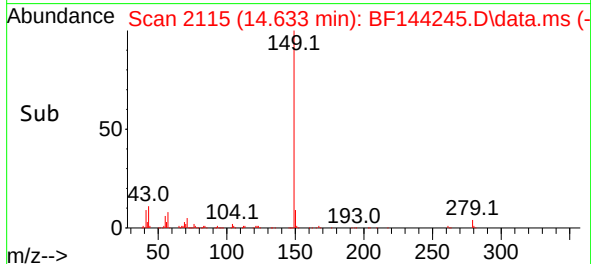
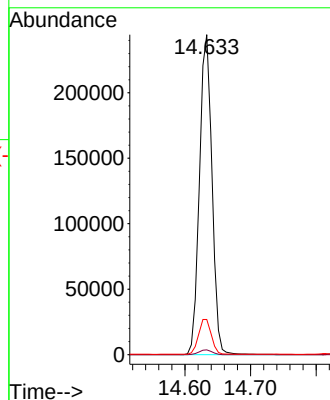
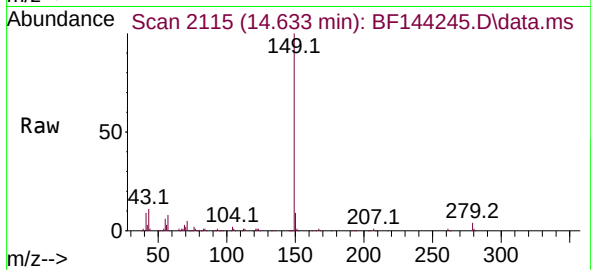
43 11.1 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2267

Delta R.T. -0.012 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

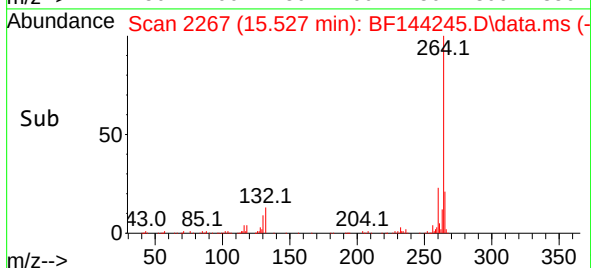
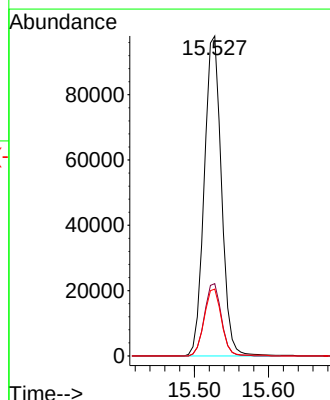
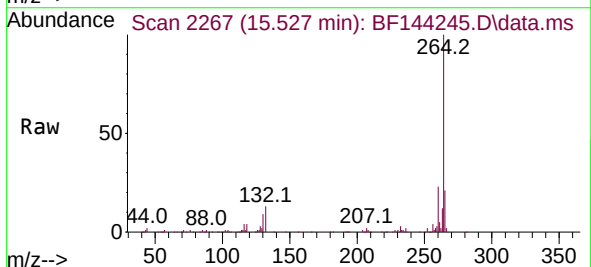
Tgt Ion:264 Resp: 157737

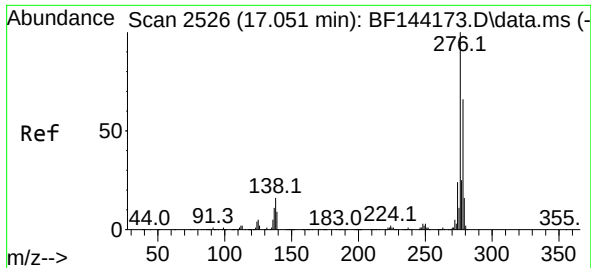
Ion Ratio Lower Upper

264 100

260 22.6 17.1 25.7

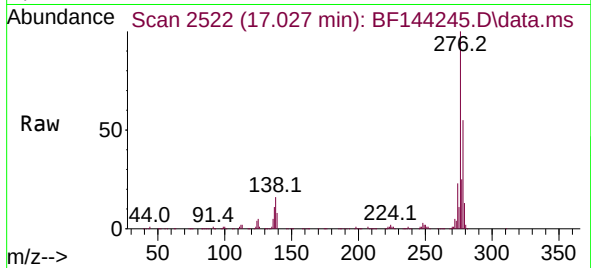
265 20.9 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 45.893 ng
RT: 17.027 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

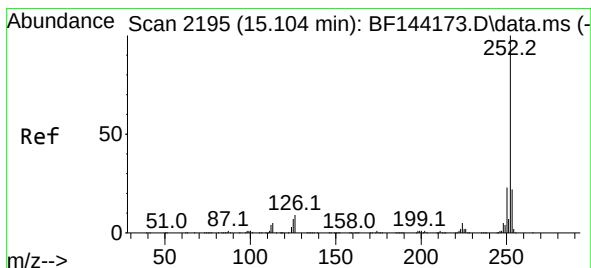
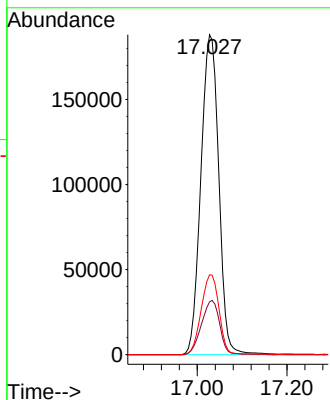
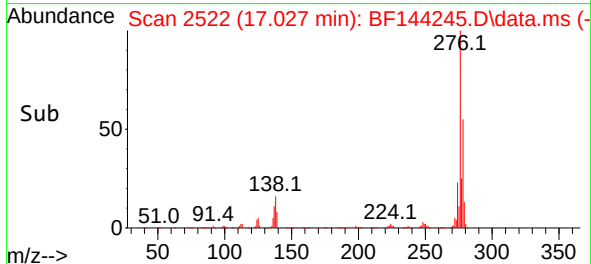
Instrument :
BNA_F
ClientSampleId :
PB170473BS



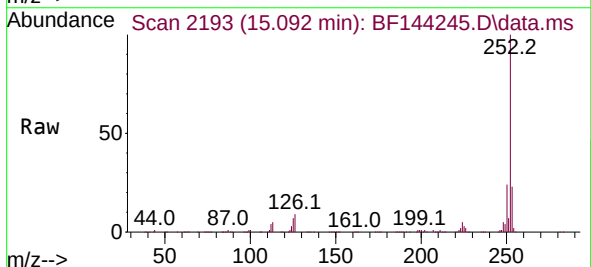
Tgt Ion:276 Resp: 519646
Ion Ratio Lower Upper
276 100
138 17.2 13.9 20.9
277 24.9 19.8 29.6

Manual Integrations
APPROVED

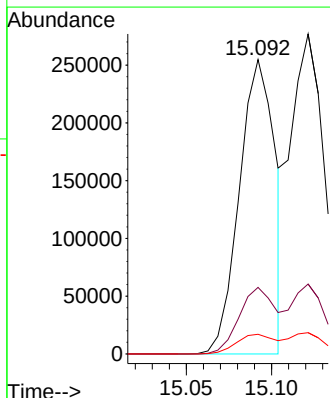
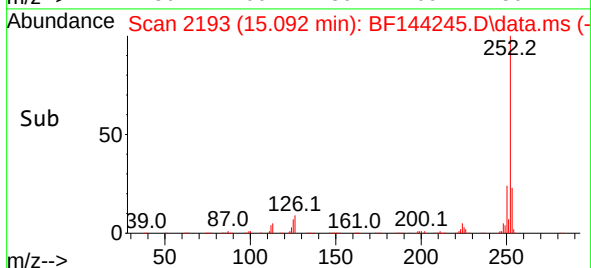
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

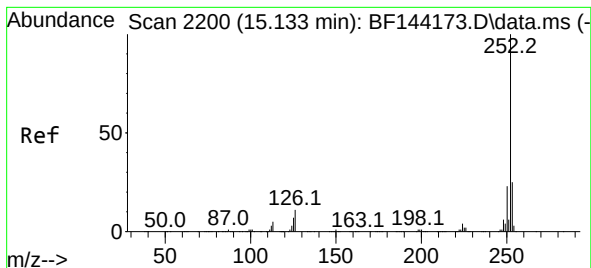


#88
Benzo(b)fluoranthene
Concen: 41.463 ng
RT: 15.092 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55



Tgt Ion:252 Resp: 371823
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.2
125 6.7 5.3 7.9





#89

Benzo(k)fluoranthene

Concen: 46.092 ng

RT: 15.121 min Scan# 2198

Delta R.T. -0.006 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

Instrument :

BNA_F

ClientSampleId :

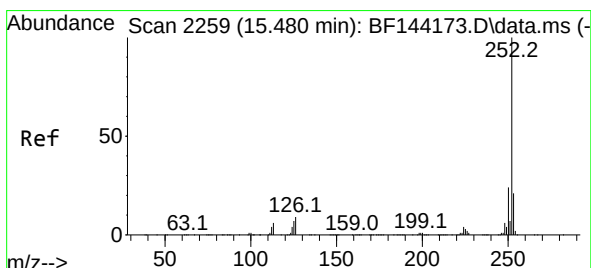
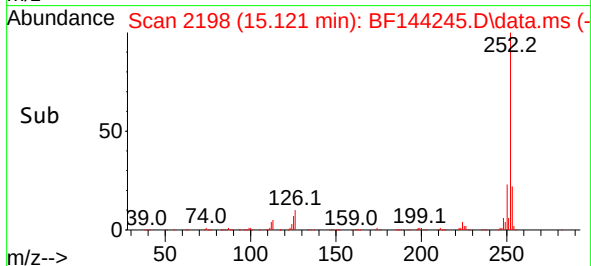
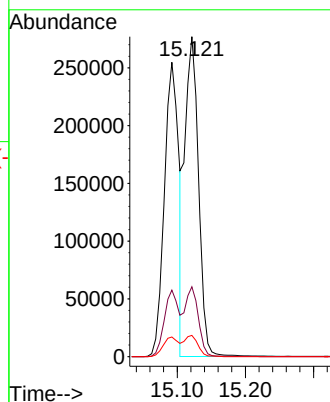
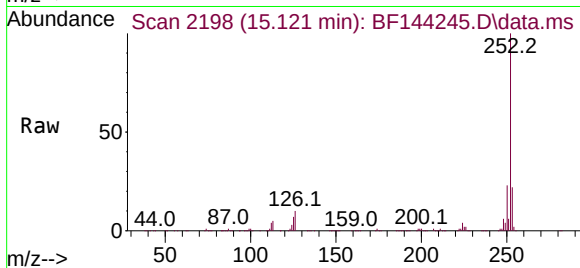
PB170473BS

Tgt Ion:252 Resp: 386885
 Ion Ratio Lower Upper
 252 100
 253 21.8 18.0 27.0
 125 6.6 5.4 8.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
 Supervised By :Sohil Jodhani 11/14/2025



#90

Benzo(a)pyrene

Concen: 46.700 ng

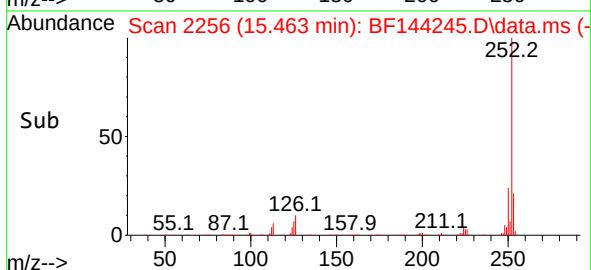
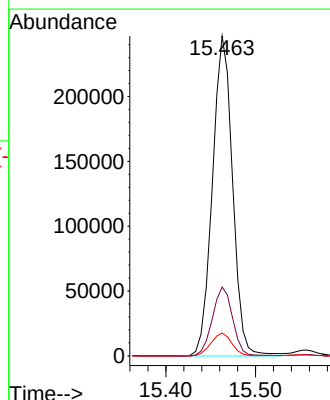
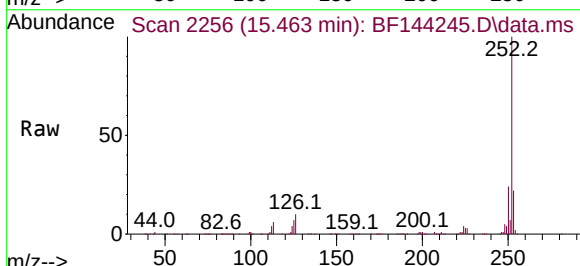
RT: 15.463 min Scan# 2256

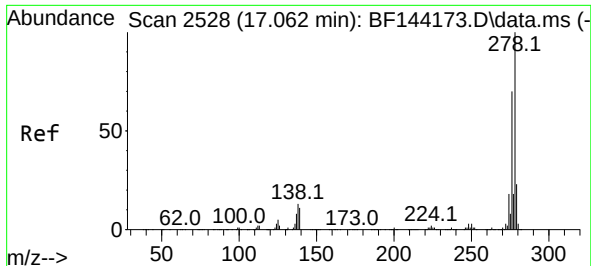
Delta R.T. -0.012 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

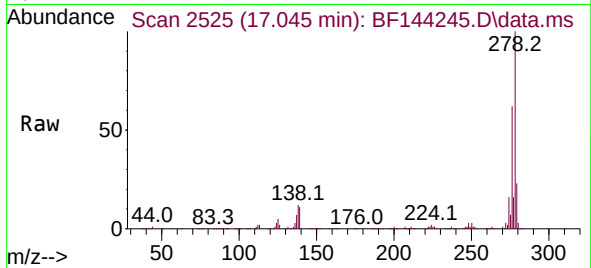
Tgt Ion:252 Resp: 386349
 Ion Ratio Lower Upper
 252 100
 253 21.5 16.7 25.1
 125 7.1 5.7 8.5





#91
Dibenzo(a,h)anthracene
Concen: 45.746 ng
RT: 17.045 min Scan# 2528
Delta R.T. -0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

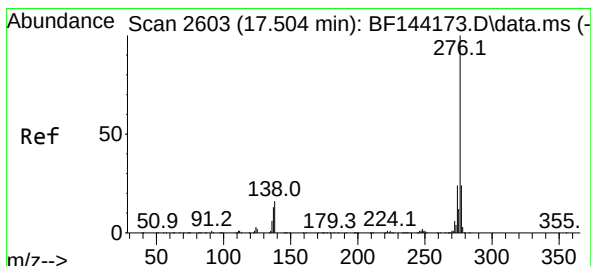
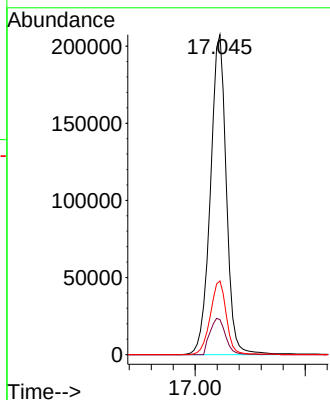
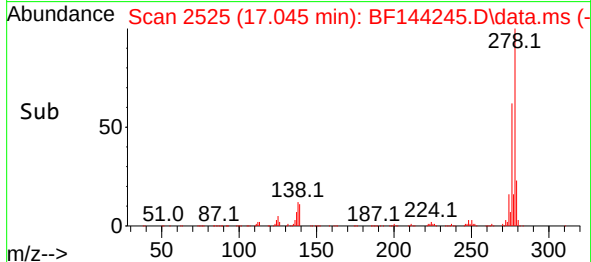
Instrument :
BNA_F
ClientSampleId :
PB170473BS



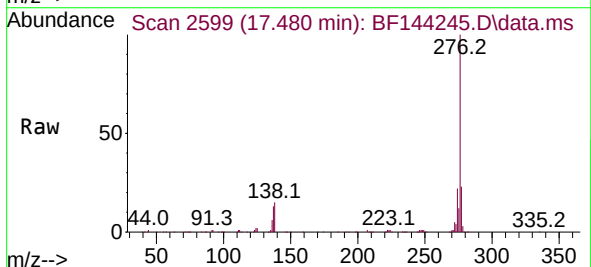
Tgt Ion:278 Resp: 415994
Ion Ratio Lower Upper
278 100
139 10.9 9.1 13.7
279 23.0 18.2 27.4

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#92
Benzo(g,h,i)perylene
Concen: 47.414 ng
RT: 17.480 min Scan# 2599
Delta R.T. -0.012 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55



Tgt Ion:276 Resp: 425782
Ion Ratio Lower Upper
276 100
277 23.3 19.0 28.4
138 15.1 12.9 19.3

