

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
 Data File : BF144182.D
 Acq On : 06 Nov 2025 12:12
 Operator : RC/JU
 Sample : PB170402BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170402BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/07/2025
 Supervised By :Jagrut Upadhyay 11/10/2025

Quant Time: Nov 06 12:33:12 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	6.875	152	76465	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	290437	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	162255	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	266140	20.000	ng	0.00
76) Chrysene-d12	14.057	240	175885	20.000	ng	0.00
86) Perylene-d12	15.539	264	228259	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	560779	114.765	ng	0.00
7) Phenol-d6	6.504	99	636051	114.881	ng	0.00
23) Nitrobenzene-d5	7.439	82	423909	84.297	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	245455	120.551	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	881503	80.239	ng	0.00
79) Terphenyl-d14	12.992	244	891221	80.486	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.687	88	76983	38.107	ng	99
3) Pyridine	3.457	79	210034	37.266	ng	99
4) n-Nitrosodimethylamine	3.404	42	142228	48.312	ng	96
6) Aniline	6.540	93	274067	34.743	ng	97
8) 2-Chlorophenol	6.657	128	210826	43.996	ng	97
9) Benzaldehyde	6.428	77	110761	35.428	ng	98
10) Phenol	6.522	94	282212	41.719	ng	92
11) bis(2-Chloroethyl)ether	6.610	93	219598	44.551	ng	97
12) 1,3-Dichlorobenzene	6.816	146	262212	44.344	ng	99
13) 1,4-Dichlorobenzene	6.892	146	268044	45.247	ng	99
14) 1,2-Dichlorobenzene	7.045	146	255980	45.082	ng	99
15) Benzyl Alcohol	7.016	79	198539	45.286	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	416457	45.880	ng	98
17) 2-Methylphenol	7.128	107	168828	44.286	ng	98
18) Hexachloroethane	7.387	117	89017	45.229	ng	100
19) n-Nitroso-di-n-propyla...	7.287	70	159888	43.868	ng	96
20) 3+4-Methylphenols	7.281	107	189612	42.193	ng	# 89
22) Acetophenone	7.287	105	307158	49.299	ng	99
24) Nitrobenzene	7.457	77	246725	45.187	ng	98
25) Isophorone	7.692	82	430970	45.308	ng	99
26) 2-Nitrophenol	7.775	139	126602	46.840	ng	98
27) 2,4-Dimethylphenol	7.810	122	196394	48.479	ng	97
28) bis(2-Chloroethoxy)met...	7.904	93	268641	45.227	ng	98
29) 2,4-Dichlorophenol	8.016	162	200053	42.846	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	224872	46.902	ng	97
31) Naphthalene	8.181	128	601106	43.509	ng	99
32) Benzoic acid	7.939	122	133299	44.889	ng	96
33) 4-Chloroaniline	8.228	127	109748	21.780	ng	98
34) Hexachlorobutadiene	8.292	225	161792	44.776	ng	99
35) Caprolactam	8.592	113	57576m	45.009	ng	
36) 4-Chloro-3-methylphenol	8.710	107	188725	45.101	ng	97
37) 2-Methylnaphthalene	8.869	142	370091	40.065	ng	100
38) 1-Methylnaphthalene	8.969	142	375329	42.111	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	250485	47.105	ng	98
41) Hexachlorocyclopentadiene	9.022	237	221379	97.929	ng	96
43) 2,4,6-Trichlorophenol	9.151	196	154181	42.600	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	167798	43.017	ng	99
46) 1,1'-Biphenyl	9.333	154	549871	48.550	ng	99
47) 2-Chloronaphthalene	9.363	162	417482	43.213	ng	99
48) 2-Nitroaniline	9.457	65	127096	45.594	ng	99
49) Acenaphthylene	9.781	152	639745	48.593	ng	100
50) Dimethylphthalate	9.633	163	490338	45.617	ng	99
51) 2,6-Dinitrotoluene	9.698	165	104406	47.982	ng	99
52) Acenaphthene	9.951	154	361986	41.116	ng	97
53) 3-Nitroaniline	9.869	138	67864	28.531	ng	97
54) 2,4-Dinitrophenol	9.980	184	114596	87.214	ng	97
55) Dibenzofuran	10.122	168	537517	43.593	ng	98
56) 4-Nitrophenol	10.033	139	136475	79.317	ng	92
57) 2,4-Dinitrotoluene	10.104	165	137430	47.179	ng	99
58) Fluorene	10.469	166	416414	44.418	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	129616	46.966	ng	98
60) Diethylphthalate	10.333	149	441301	44.535	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	231675	43.384	ng	97
62) 4-Nitroaniline	10.486	138	100396	44.320	ng	98
63) Azobenzene	10.616	77	427832	46.392	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	82181	45.454	ng	99
66) n-Nitrosodiphenylamine	10.575	169	404639	47.272	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	157013	46.221	ng	97
68) Hexachlorobenzene	11.016	284	186865	46.702	ng	97
69) Atrazine	11.104	200	133096	48.893	ng	99
70) Pentachlorophenol	11.210	266	196647	98.695	ng	97
71) Phenanthrene	11.433	178	605590	45.702	ng	100
72) Anthracene	11.486	178	616478	45.754	ng	100
73) Carbazole	11.639	167	512793	44.757	ng	99
74) Di-n-butylphthalate	11.963	149	636493	45.955	ng	100
75) Fluoranthene	12.621	202	613782	44.841	ng	99
77) Benzidine	12.745	184	160508	30.852	ng	98
78) Pyrene	12.851	202	619297	43.670	ng	99
80) Butylbenzylphthalate	13.468	149	231897	47.180	ng	97
81) Benzo(a)anthracene	14.045	228	561445	46.057	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	126207	30.204	ng	98
83) Chrysene	14.080	228	531513	47.233	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	325045	48.309	ng	98
85) Di-n-octyl phthalate	14.645	149	563065	48.503	ng	99
87) Indeno(1,2,3-cd)pyrene	17.051	276	772561	47.150	ng	98
88) Benzo(b)fluoranthene	15.104	252	663728	51.147	ng	100
89) Benzo(k)fluoranthene	15.133	252	545342	44.897	ng	98
90) Benzo(a)pyrene	15.480	252	606019	50.621	ng	99
91) Dibenzo(a,h)anthracene	17.062	278	634939	48.251	ng	99
92) Benzo(g,h,i)perylene	17.504	276	652069	50.179	ng	99

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

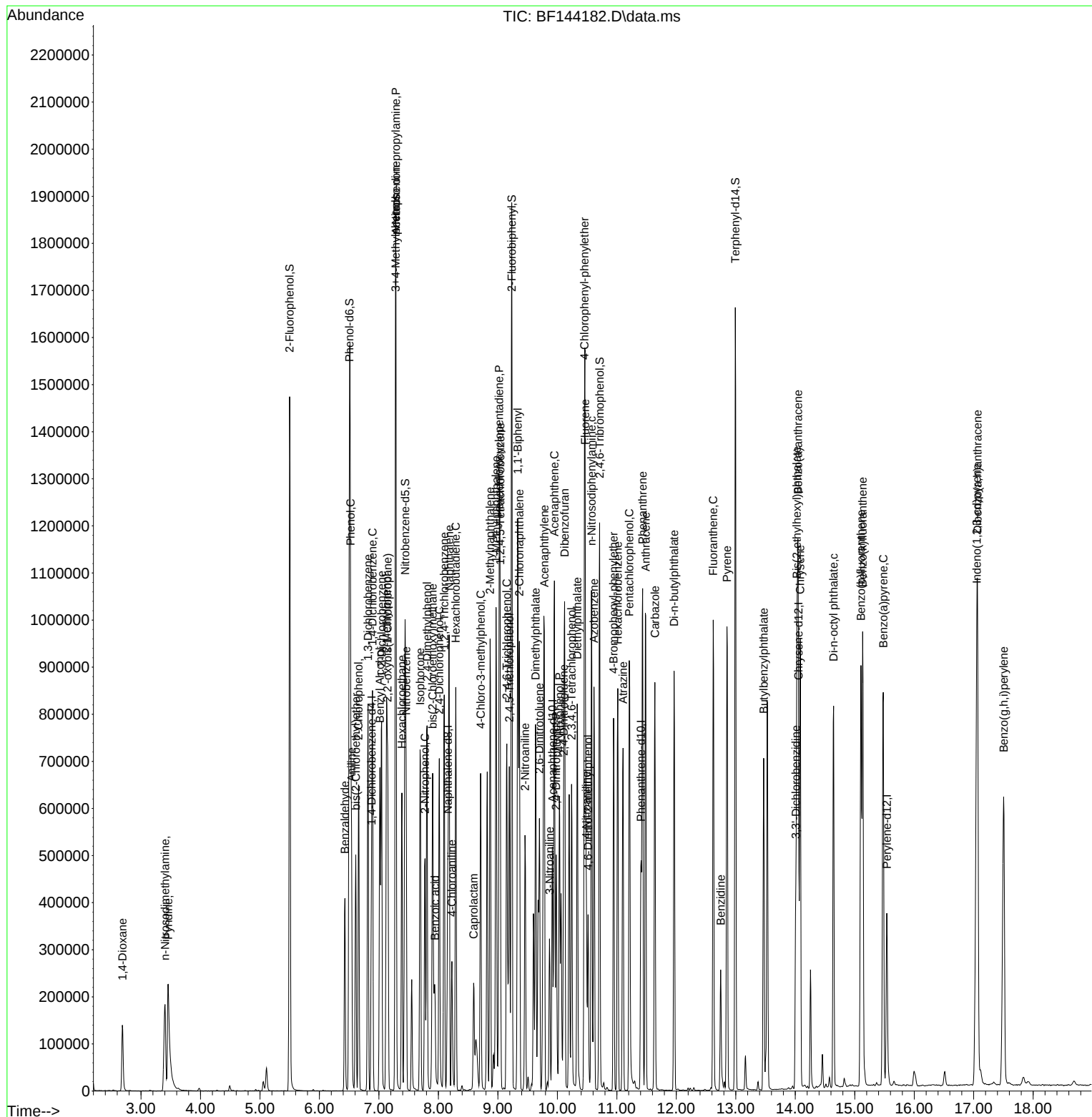
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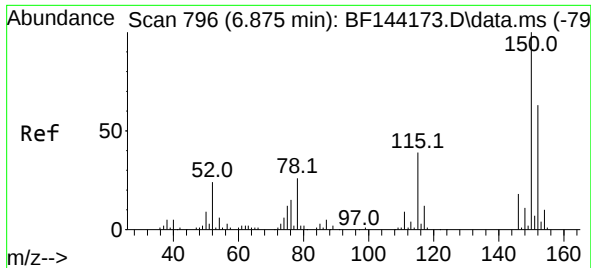
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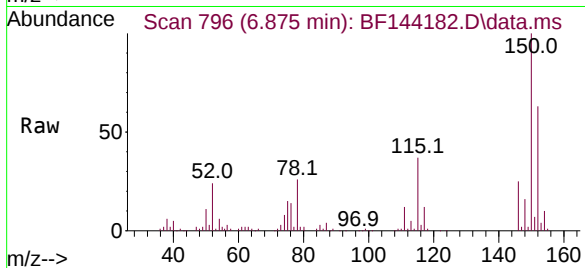
Reviewed By :Rahul Chavli 11/07/2025
 Supervised By :Jagrut Upadhyay 11/10/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144182.D
Acq: 06 Nov 2025 12:12

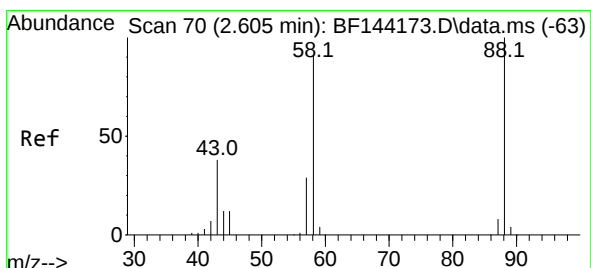
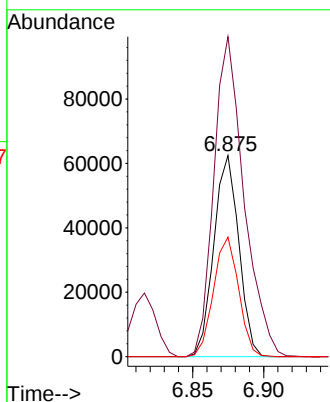
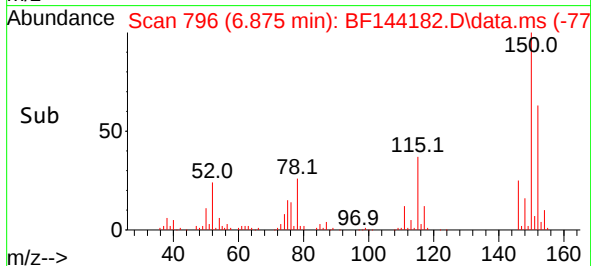
Instrument :
BNA_F
ClientSampleId :
PB170402BS



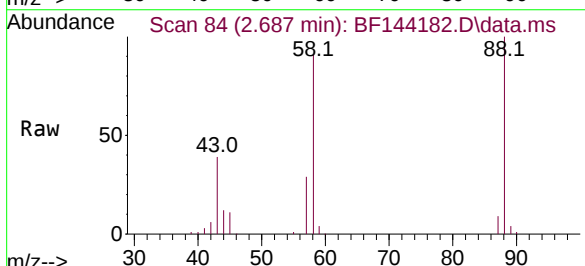
Tgt Ion:152 Resp: 76465
Ion Ratio Lower Upper
152 100
150 159.2 127.4 191.0
115 59.4 49.5 74.3

Manual Integrations
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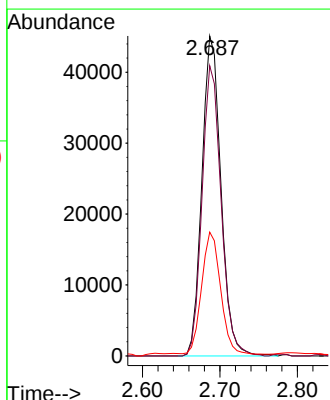
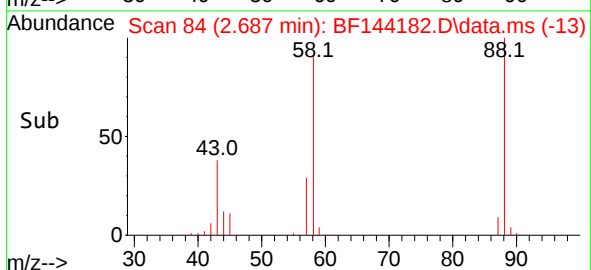
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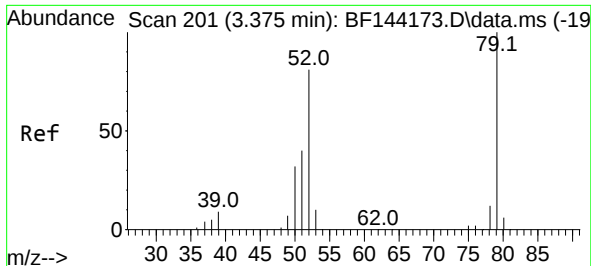


#2
1,4-Dioxane
Concen: 38.107 ng
RT: 2.687 min Scan# 84
Delta R.T. 0.070 min
Lab File: BF144182.D
Acq: 06 Nov 2025 12:12



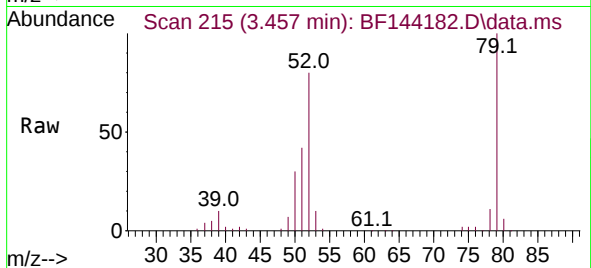
Tgt Ion: 88 Resp: 76983
Ion Ratio Lower Upper
88 100
58 90.8 73.1 109.7
43 38.2 31.0 46.6





#3
Pyridine
Concen: 37.266 ng
RT: 3.457 min Scan# 21
Delta R.T. 0.047 min
Lab File: BF144182.D
Acq: 06 Nov 2025 12:12

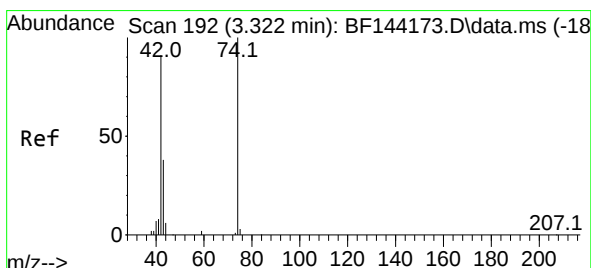
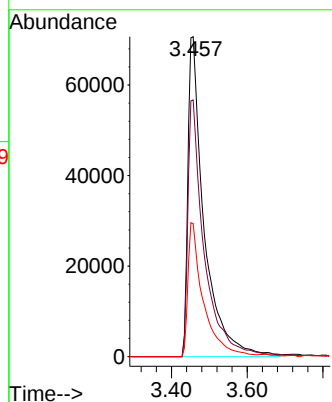
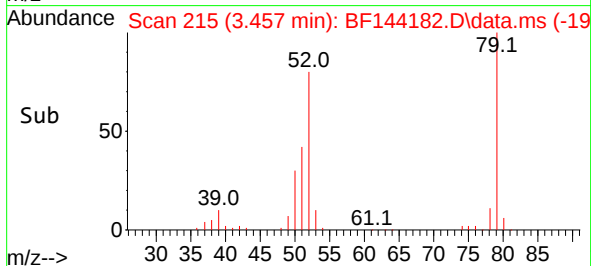
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ClientSampleId :
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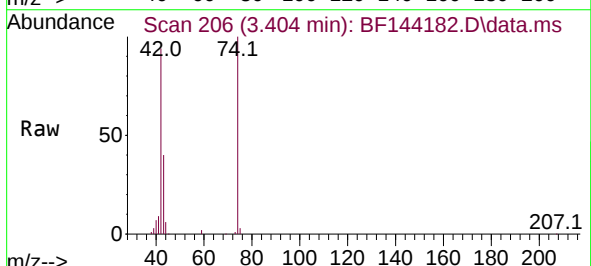
Tgt Ion: 79 Resp: 210034
Ion Ratio Lower Upper
79 100
52 80.2 64.5 96.7
51 41.6 31.7 47.5

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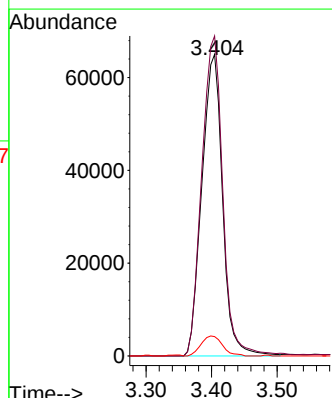
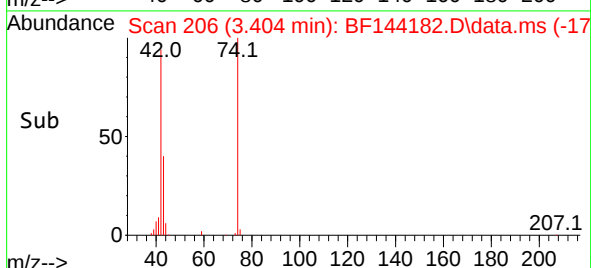
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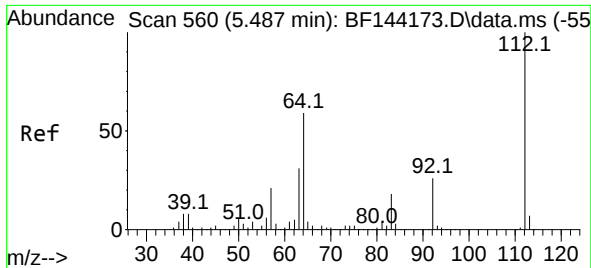


#4
n-Nitrosodimethylamine
Concen: 48.312 ng
RT: 3.404 min Scan# 206
Delta R.T. 0.059 min
Lab File: BF144182.D
Acq: 06 Nov 2025 12:12



Tgt Ion: 42 Resp: 142228
Ion Ratio Lower Upper
42 100
74 106.1 88.2 132.4
44 6.4 5.7 8.5





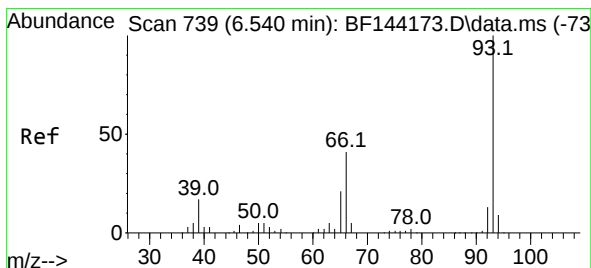
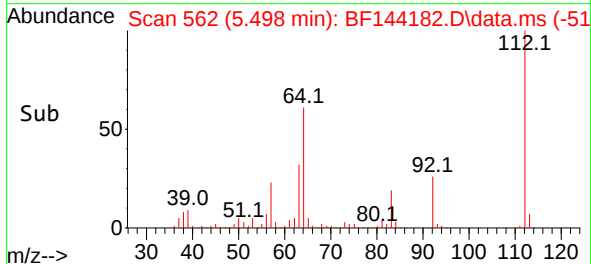
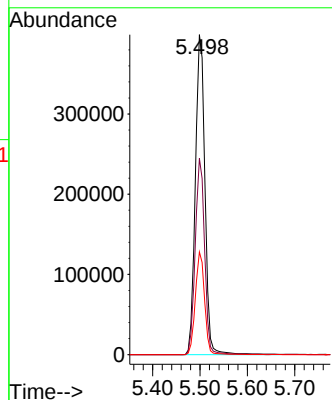
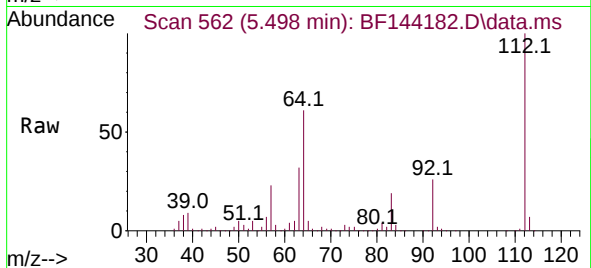
#5
2-Fluorophenol
Concen: 114.765 ng
RT: 5.498 min Scan# 560
Delta R.T. 0.006 min
Lab File: BF144182.D
Acq: 06 Nov 2025 12:12

Instrument :
BNA_F
ClientSampleId :
PB170402BS

Tgt Ion:112 Resp: 560779
Ion Ratio Lower Upper
112 100
64 61.3 47.2 70.8
63 32.1 24.4 36.6

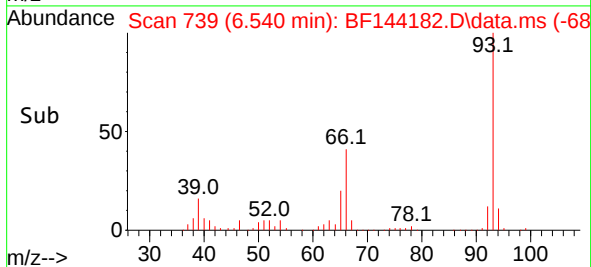
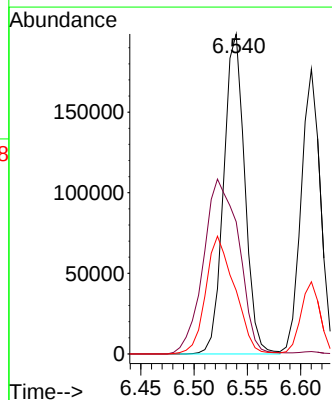
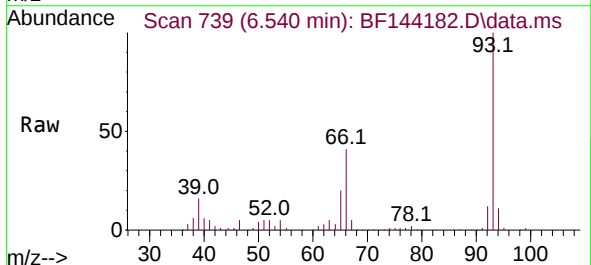
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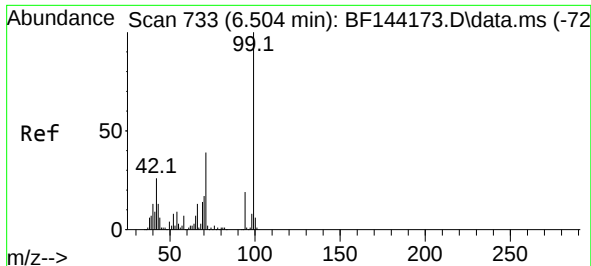
Reviewed By :Rahul Chavli 11/07/2025
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#6
Aniline
Concen: 34.743 ng
RT: 6.540 min Scan# 739
Delta R.T. 0.006 min
Lab File: BF144182.D
Acq: 06 Nov 2025 12:12

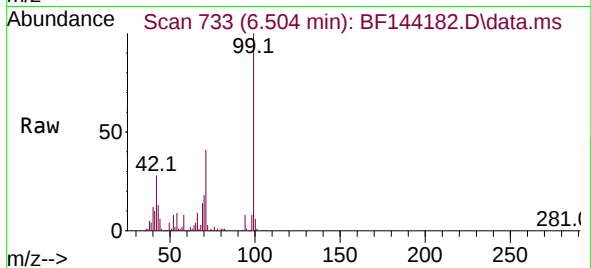
Tgt Ion: 93 Resp: 274067
Ion Ratio Lower Upper
93 100
66 41.3 34.3 51.5
65 19.8 16.9 25.3





#7
Phenol-d6
Concen: 114.881 ng
RT: 6.504 min Scan# 733
Delta R.T. 0.006 min
Lab File: BF144182.D
Acq: 06 Nov 2025 12:12

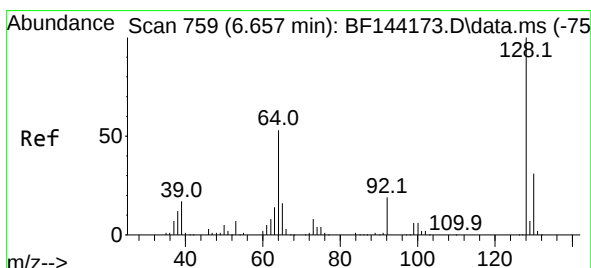
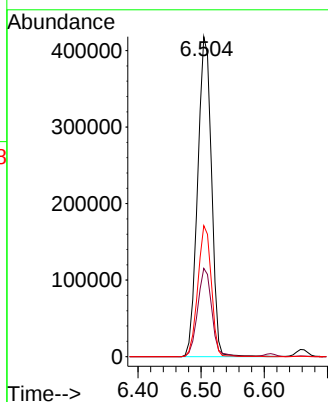
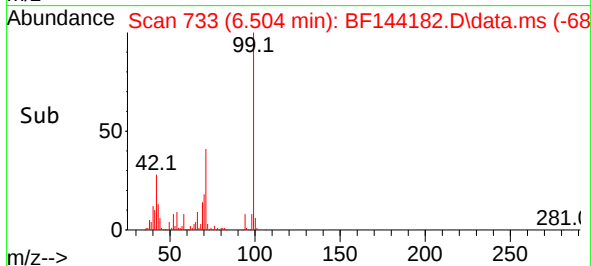
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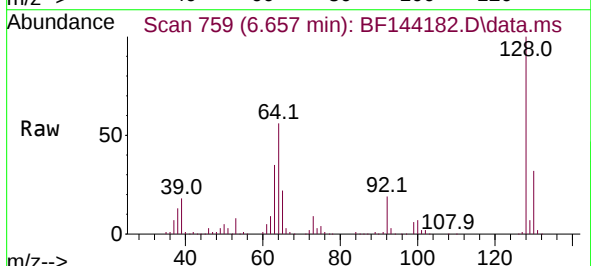
Tgt Ion: 99 Resp: 636051
Ion Ratio Lower Upper
99 100
42 27.6 20.9 31.3
71 40.9 31.4 47.2

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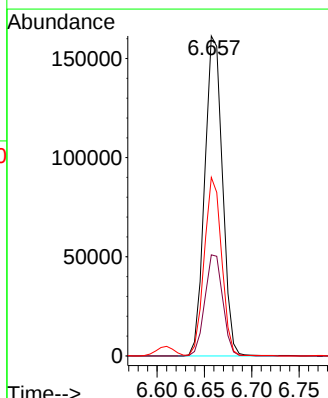
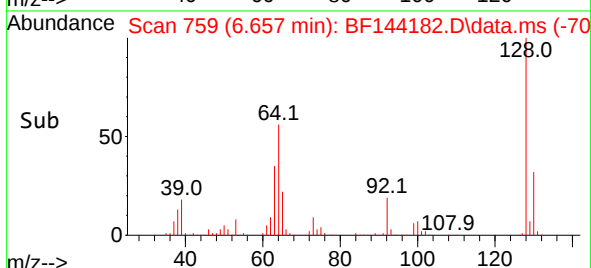
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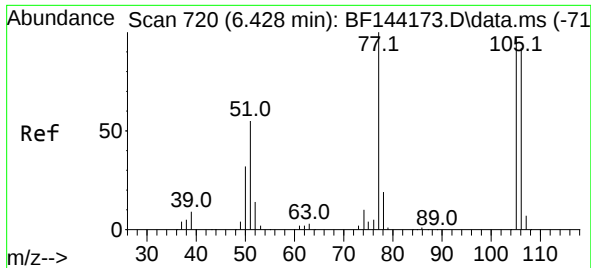


#8
2-Chlorophenol
Concen: 43.996 ng
RT: 6.657 min Scan# 759
Delta R.T. -0.000 min
Lab File: BF144182.D
Acq: 06 Nov 2025 12:12



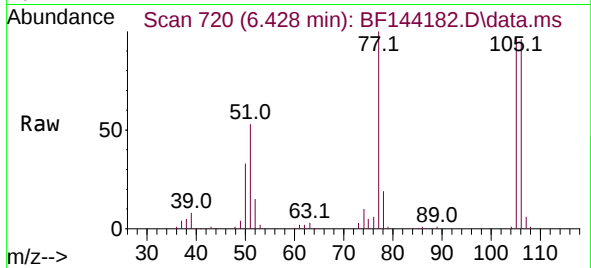
Tgt Ion:128 Resp: 210826
Ion Ratio Lower Upper
128 100
130 31.6 10.5 50.5
64 55.8 33.2 73.2





#9
Benzaldehyde
Concen: 35.428 ng
RT: 6.428 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF144182.D
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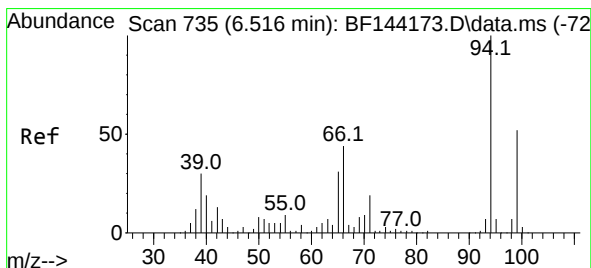
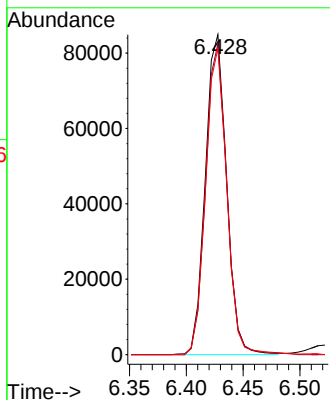
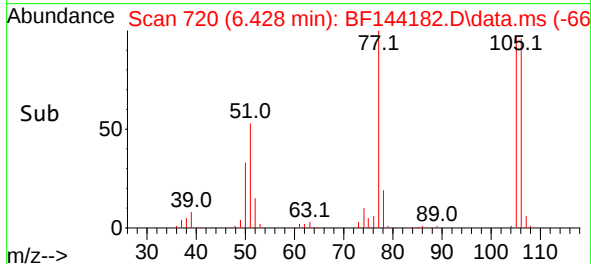
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Tgt Ion: 77 Resp: 110761
Ion Ratio Lower Upper
77 100
105 97.2 77.2 117.2
106 95.7 72.2 112.2

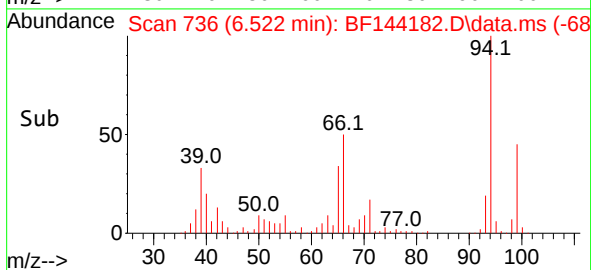
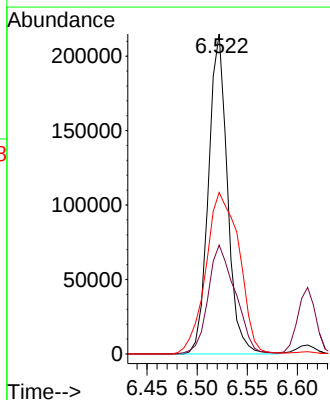
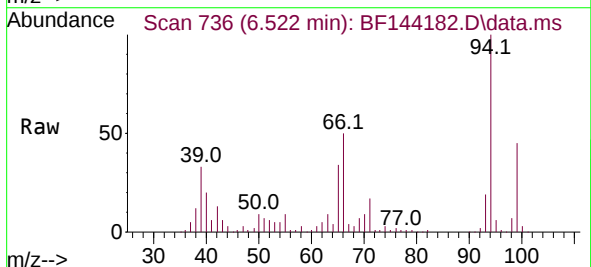
Manual Integrations
APPROVED

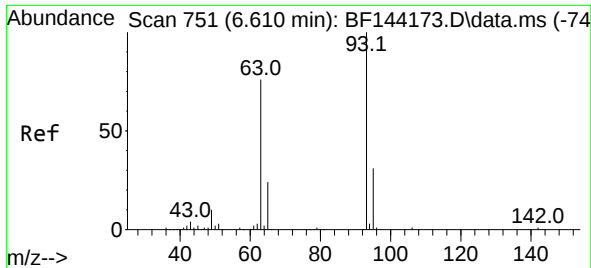
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#10
Phenol
Concen: 41.719 ng
RT: 6.522 min Scan# 736
Delta R.T. 0.012 min
Lab File: BF144182.D
Acq: 06 Nov 2025 12:12

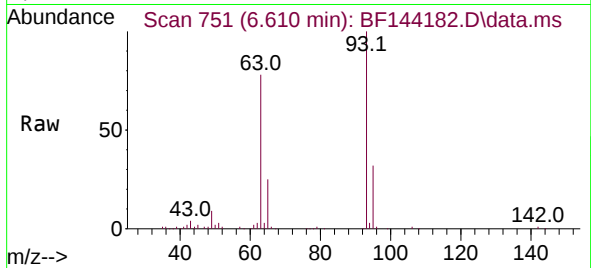
Tgt Ion: 94 Resp: 282212
Ion Ratio Lower Upper
94 100
65 34.0 10.8 50.8
66 50.4 24.3 64.3





#11
bis(2-Chloroethyl)ether
Concen: 44.551 ng
RT: 6.610 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF144182.D
Acq: 06 Nov 2025 12:12

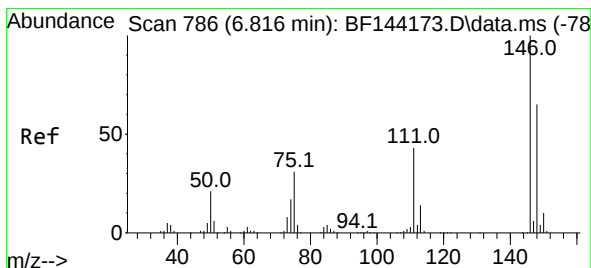
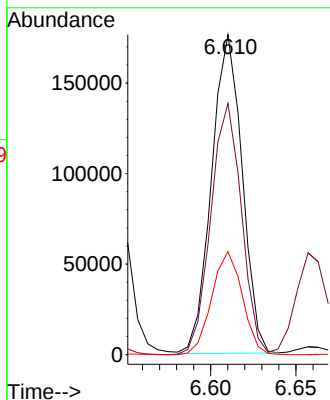
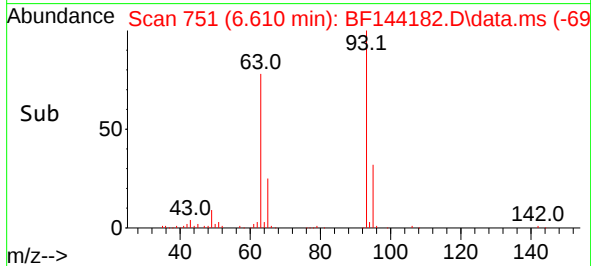
Instrument :
BNA_F
ClientSampleId :
PB170402BS



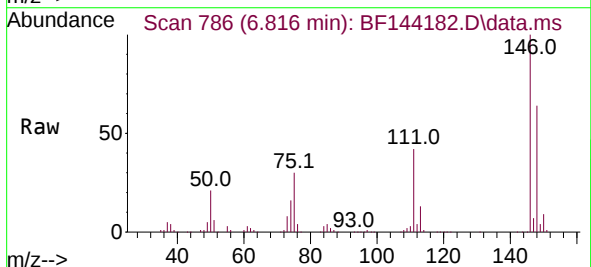
Tgt Ion: 93 Resp: 219598
Ion Ratio Lower Upper
93 100
63 78.5 55.2 95.2
95 32.2 11.2 51.2

Manual Integrations
APPROVED

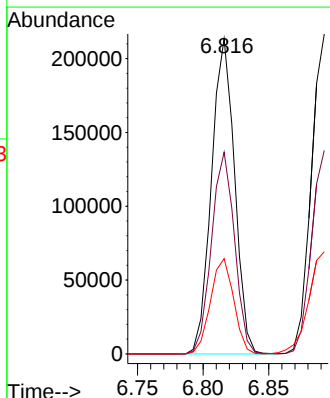
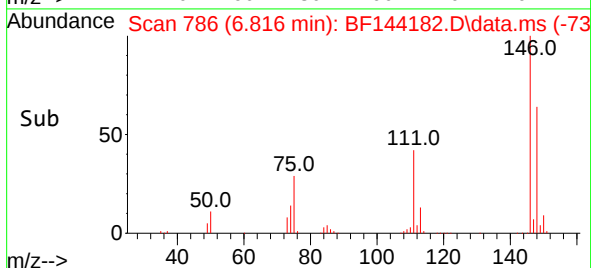
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#12
1,3-Dichlorobenzene
Concen: 44.344 ng
RT: 6.816 min Scan# 786
Delta R.T. -0.000 min
Lab File: BF144182.D
Acq: 06 Nov 2025 12:12



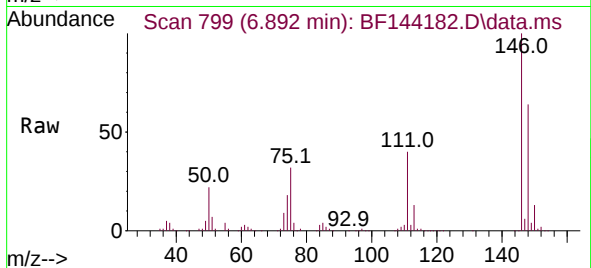
Tgt Ion:146 Resp: 262212
Ion Ratio Lower Upper
146 100
148 64.0 51.8 77.8
75 30.3 25.0 37.4





#13
1,4-Dichlorobenzene
Concen: 45.247 ng
RT: 6.892 min Scan# 799
Delta R.T. -0.000 min
Lab File: BF144182.D
Acq: 06 Nov 2025 12:12

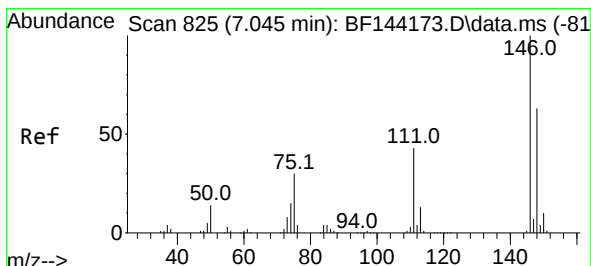
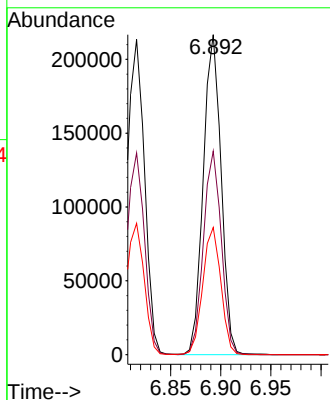
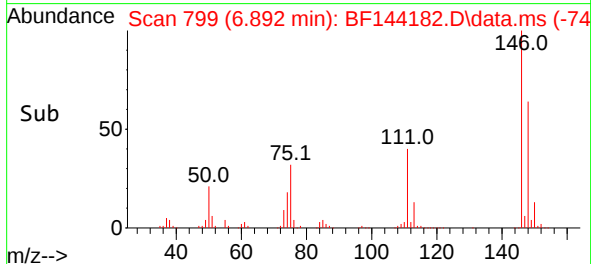
Instrument :
BNA_F
ClientSampleId :
PB170402BS



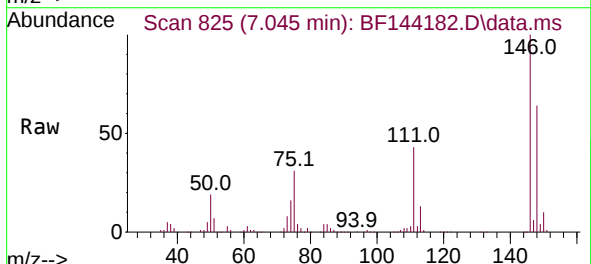
Tgt Ion:146 Resp: 26804
Ion Ratio Lower Upper
146 100
148 63.6 50.2 75.2
111 39.7 32.6 48.8

Manual Integrations
APPROVED

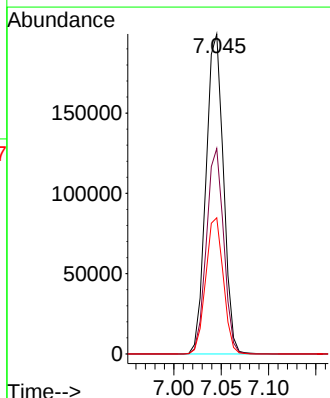
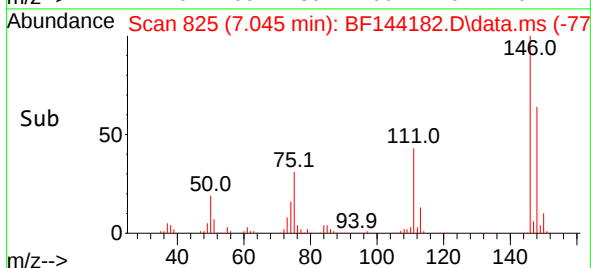
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

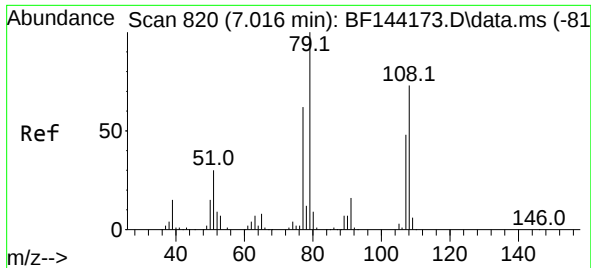


#14
1,2-Dichlorobenzene
Concen: 45.082 ng
RT: 7.045 min Scan# 825
Delta R.T. -0.000 min
Lab File: BF144182.D
Acq: 06 Nov 2025 12:12



Tgt Ion:146 Resp: 255980
Ion Ratio Lower Upper
146 100
148 64.2 50.7 76.1
111 42.5 34.2 51.4





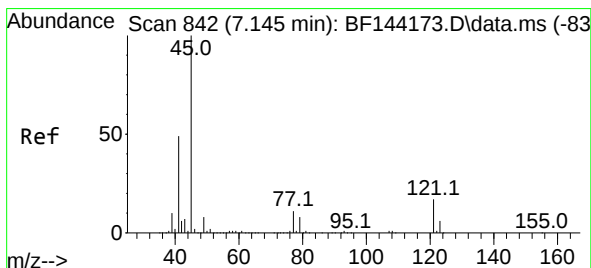
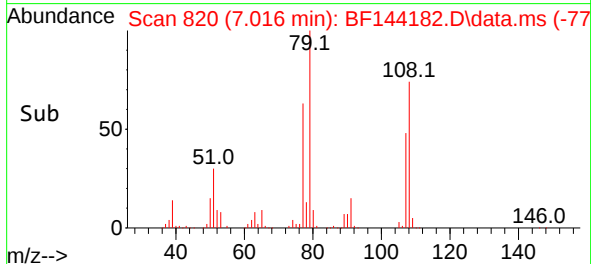
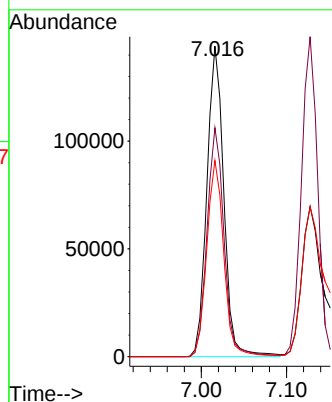
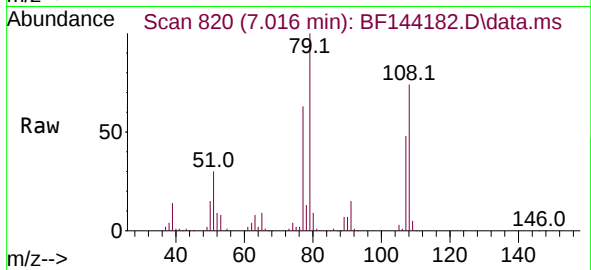
#15
Benzyl Alcohol
Concen: 45.286 ng
RT: 7.016 min Scan# 820
Delta R.T. -0.006 min
Lab File: BF144182.D
Acq: 06 Nov 2025 12:12

Instrument :
BNA_F
ClientSampleId :
PB170402BS

Tgt Ion: 79 Resp: 198539
Ion Ratio Lower Upper
79 100
108 73.7 58.2 87.4
77 63.2 49.9 74.9

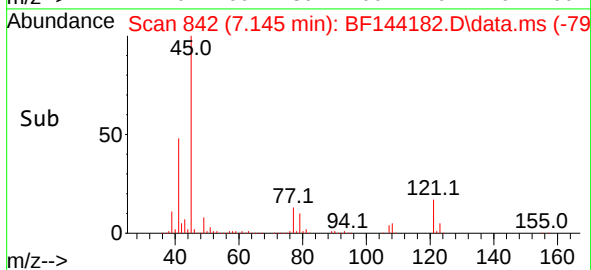
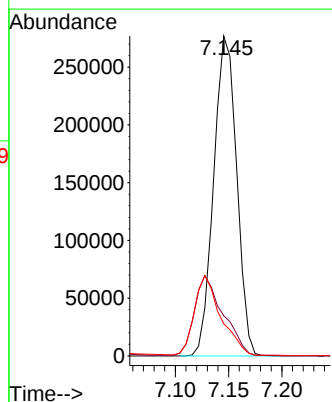
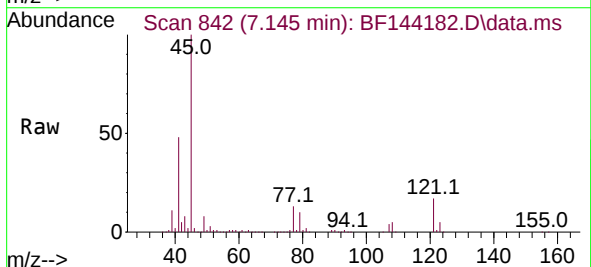
Manual Integrations
APPROVED

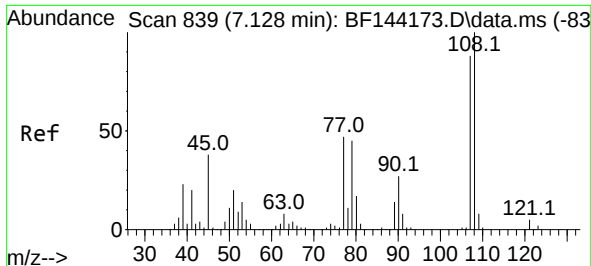
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.880 ng
RT: 7.145 min Scan# 842
Delta R.T. 0.006 min
Lab File: BF144182.D
Acq: 06 Nov 2025 12:12

Tgt Ion: 45 Resp: 416457
Ion Ratio Lower Upper
45 100
77 12.6 0.0 31.8
79 10.0 0.0 29.1





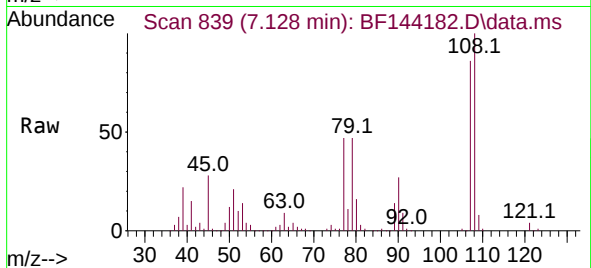
#17
2-Methylphenol
Concen: 44.286 ng
RT: 7.128 min Scan# 839
Delta R.T. 0.006 min
Lab File: BF144182.D
Acq: 06 Nov 2025 12:12

Instrument :

BNA_F

ClientSampleId :

PB170402BS

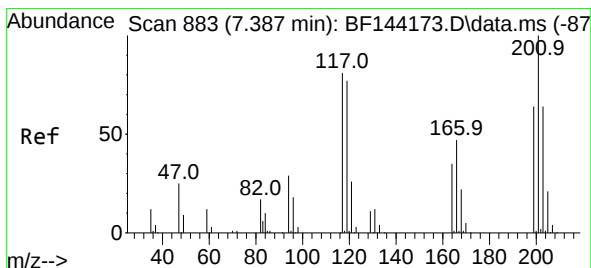
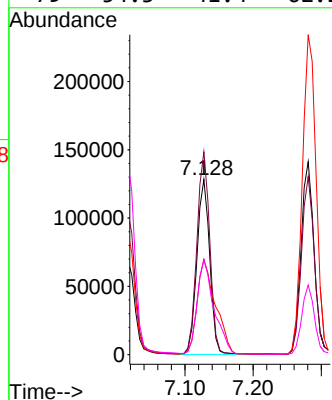


Tgt Ion:107 Resp: 168828
Ion Ratio Lower Upper
107 100
108 115.8 91.0 136.4
77 54.2 42.7 64.1
79 54.3 41.4 62.2

Manual Integrations

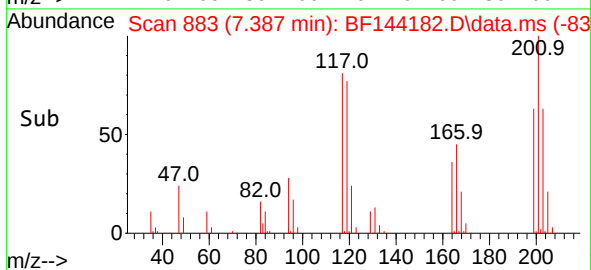
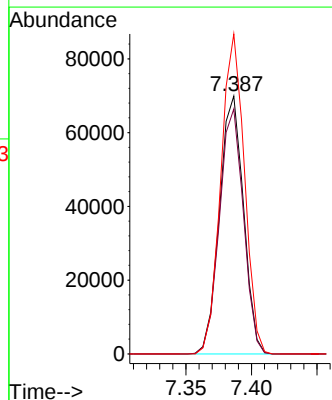
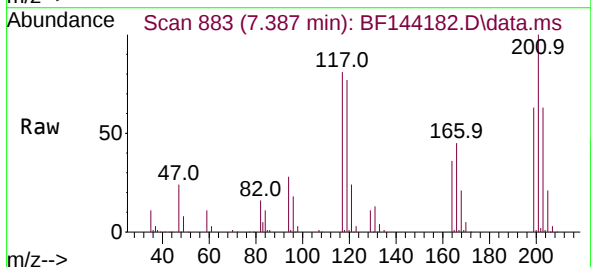
APPROVED

Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#18
Hexachloroethane
Concen: 45.229 ng
RT: 7.387 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF144182.D
Acq: 06 Nov 2025 12:12

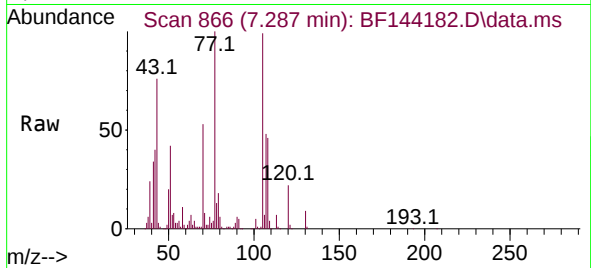
Tgt Ion:117 Resp: 89017
Ion Ratio Lower Upper
117 100
119 94.9 75.8 113.8
201 124.1 98.9 148.3





#19
n-Nitroso-di-n-propylamine
Concen: 43.868 ng
RT: 7.287 min Scan# 866
Delta R.T. 0.012 min
Lab File: BF144182.D
Acq: 06 Nov 2025 12:12

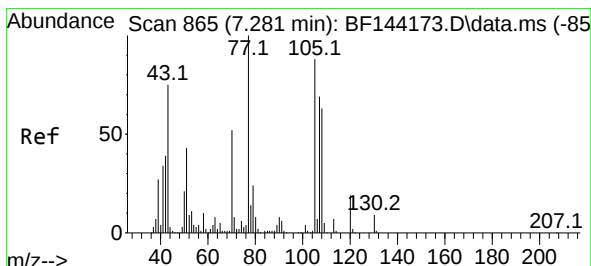
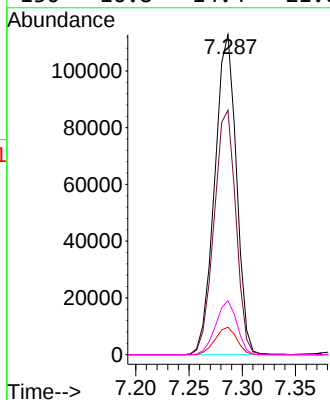
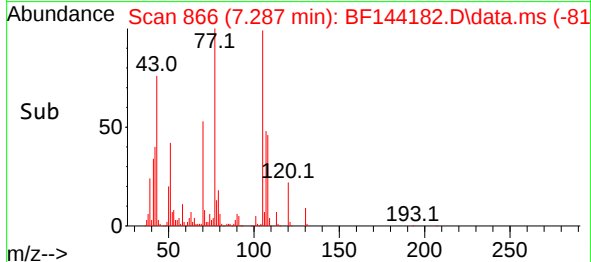
Instrument :
BNA_F
ClientSampleId :
PB170402BS



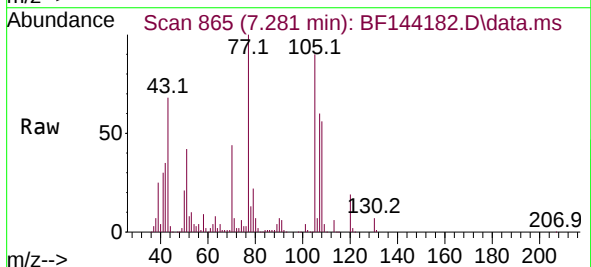
Tgt Ion: 70 Resp: 159888
Ion Ratio Lower Upper
70 100
42 76.3 58.3 87.5
101 8.6 7.0 10.6
130 16.8 14.4 21.6

Manual Integrations
APPROVED

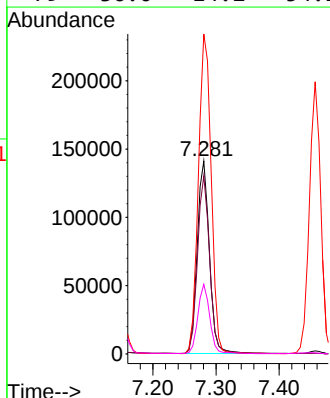
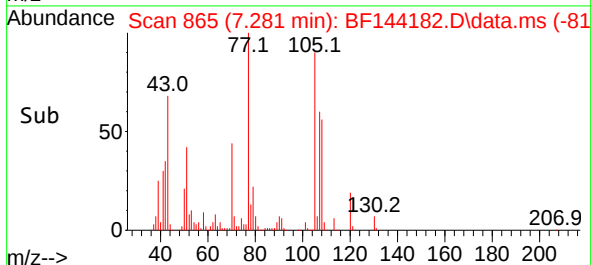
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

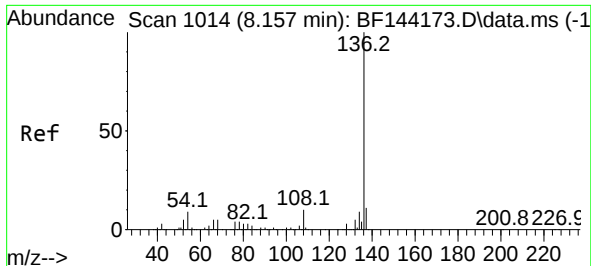


#20
3+4-Methylphenols
Concen: 42.193 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF144182.D
Acq: 06 Nov 2025 12:12



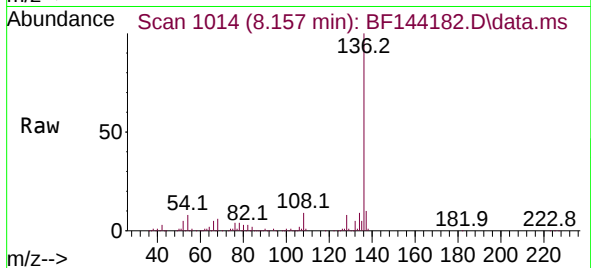
Tgt Ion:107 Resp: 189612
Ion Ratio Lower Upper
107 100
108 92.2 70.2 110.2
77 165.9 123.9 163.9#
79 36.0 14.2 54.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BF144182.D
Acq: 06 Nov 2025 12:12

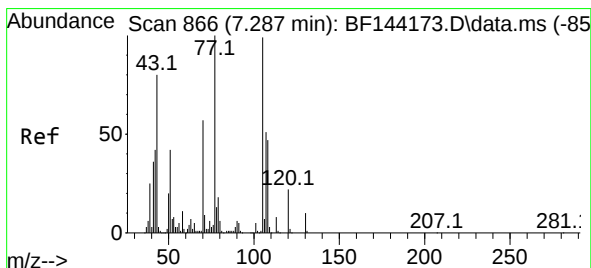
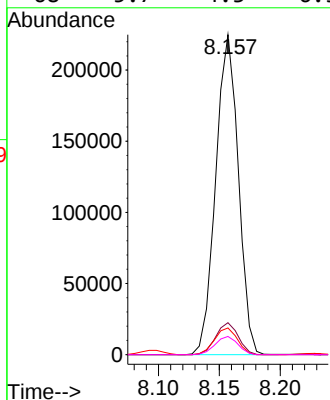
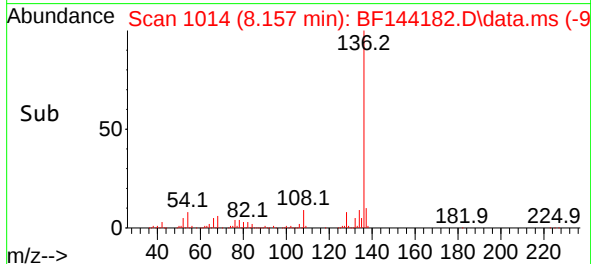
Instrument :
BNA_F
ClientSampleId :
PB170402BS



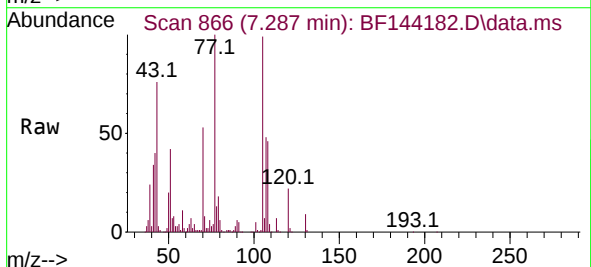
Tgt Ion:136 Resp: 290437
Ion Ratio Lower Upper
136 100
137 10.0 8.6 13.0
54 8.3 7.0 10.6
68 5.7 4.3 6.5

Manual Integrations
APPROVED

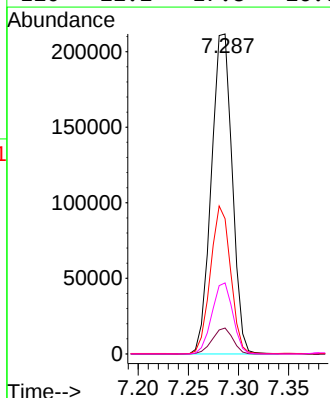
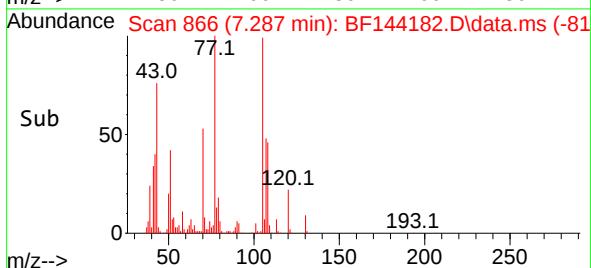
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

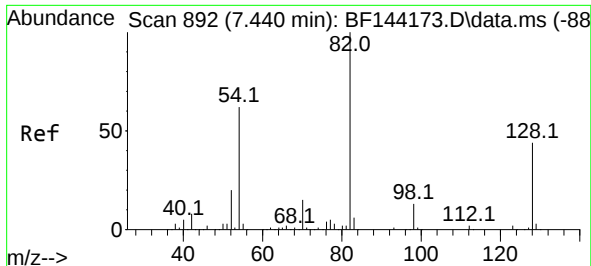


#22
Acetophenone
Concen: 49.299 ng
RT: 7.287 min Scan# 866
Delta R.T. 0.006 min
Lab File: BF144182.D
Acq: 06 Nov 2025 12:12



Tgt Ion:105 Resp: 307158
Ion Ratio Lower Upper
105 100
71 8.1 7.2 10.8
51 42.2 34.0 51.0
120 22.2 17.8 26.6





#23

Nitrobenzene-d5

Concen: 84.297 ng

RT: 7.439 min Scan# 892

Delta R.T. 0.006 min

Lab File: BF144182.D

Acq: 06 Nov 2025 12:12

Instrument :

BNA_F

ClientSampleId :

PB170402BS

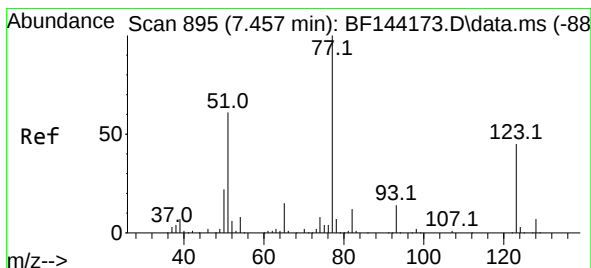
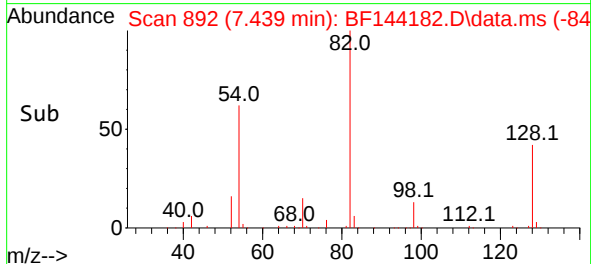
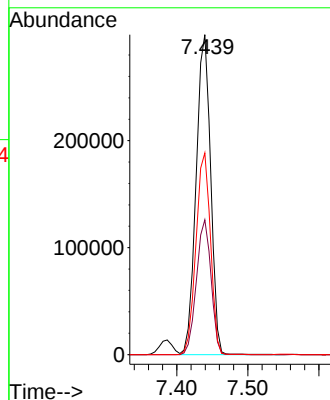
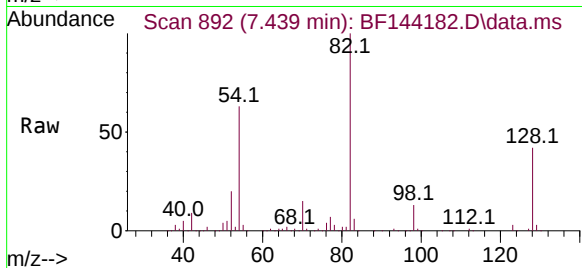
Tgt Ion: 82 Resp: 423909
 Ion Ratio Lower Upper
 82 100
 128 42.1 34.7 52.1
 54 63.1 49.5 74.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/07/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#24

Nitrobenzene

Concen: 45.187 ng

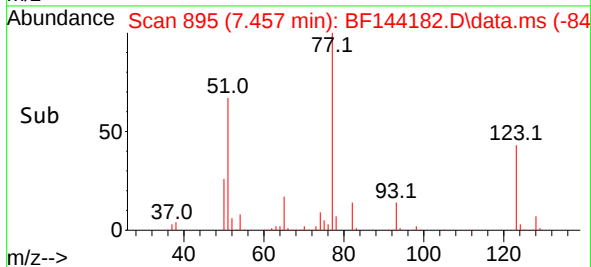
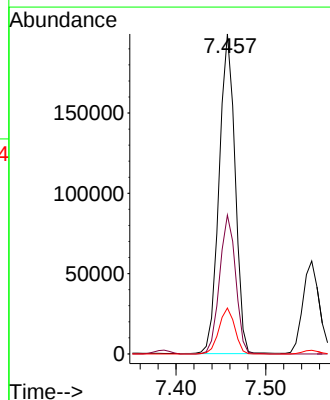
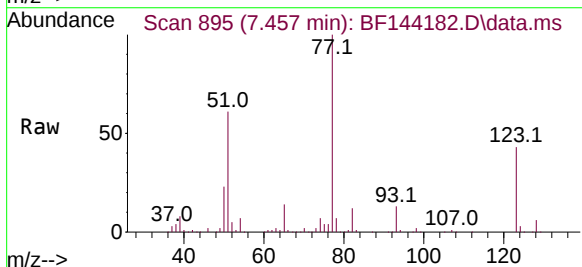
RT: 7.457 min Scan# 895

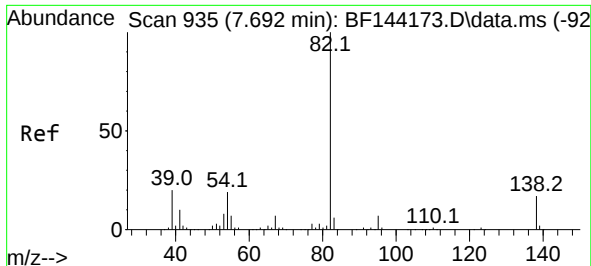
Delta R.T. 0.006 min

Lab File: BF144182.D

Acq: 06 Nov 2025 12:12

Tgt Ion: 77 Resp: 246725
 Ion Ratio Lower Upper
 77 100
 123 43.4 35.8 53.8
 65 14.3 12.2 18.2





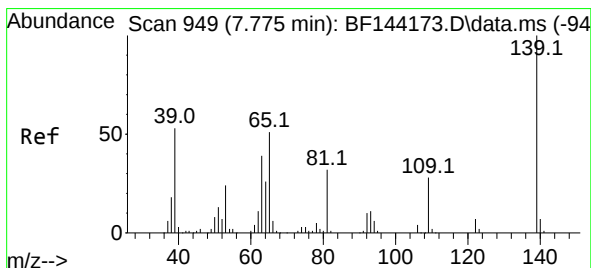
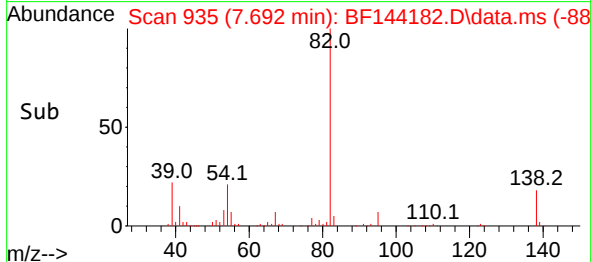
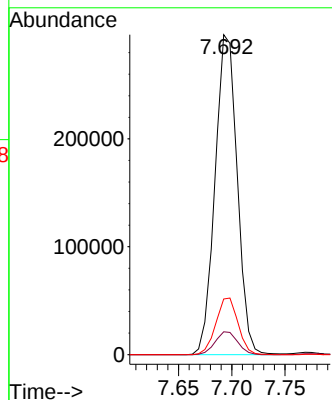
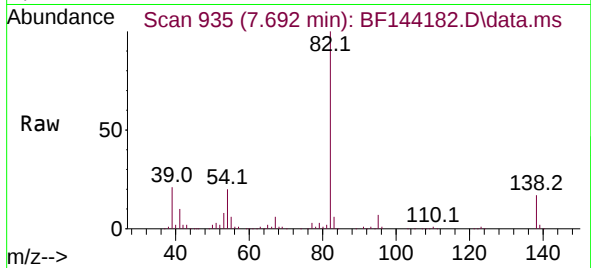
#25
Isophorone
Concen: 45.308 ng
RT: 7.692 min Scan# 935
Delta R.T. 0.006 min
Lab File: BF144182.D
Acq: 06 Nov 2025 12:12

Instrument :
BNA_F
ClientSampleId :
PB170402BS

Tgt Ion: 82 Resp: 430970
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 17.4 13.7 20.5

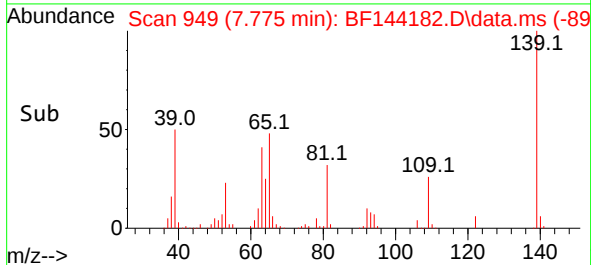
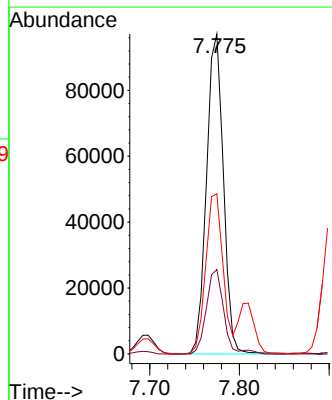
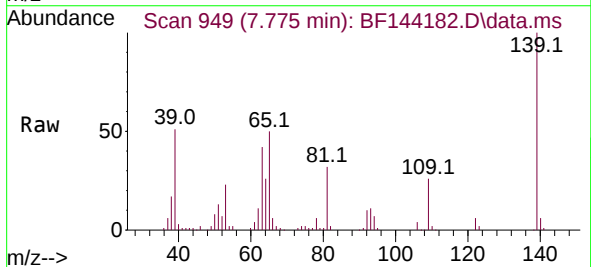
Manual Integrations
APPROVED

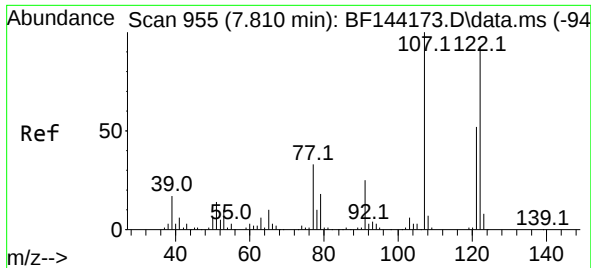
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#26
2-Nitrophenol
Concen: 46.840 ng
RT: 7.775 min Scan# 949
Delta R.T. -0.000 min
Lab File: BF144182.D
Acq: 06 Nov 2025 12:12

Tgt Ion:139 Resp: 126602
Ion Ratio Lower Upper
139 100
109 26.4 22.2 33.2
65 50.0 40.7 61.1





#27
2,4-Dimethylphenol
Concen: 48.479 ng
RT: 7.810 min Scan# 911
Delta R.T. 0.006 min
Lab File: BF144182.D
Acq: 06 Nov 2025 12:12

Instrument :

BNA_F

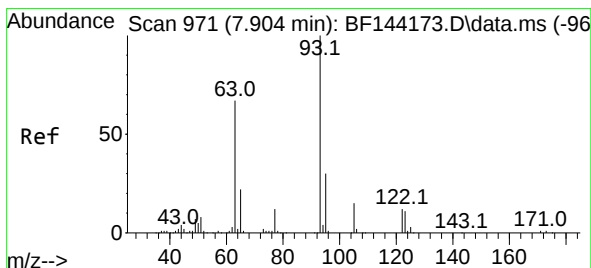
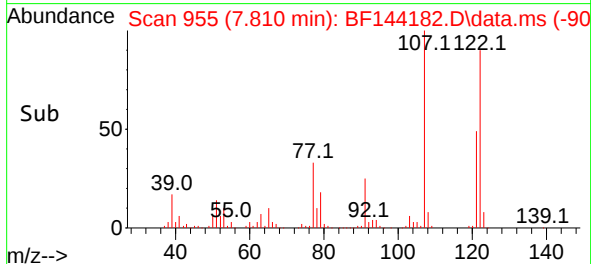
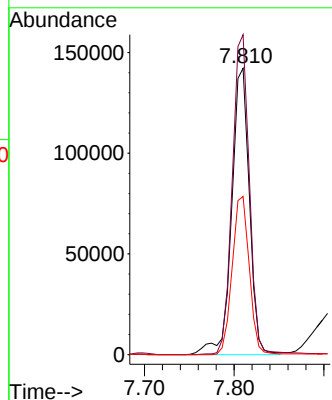
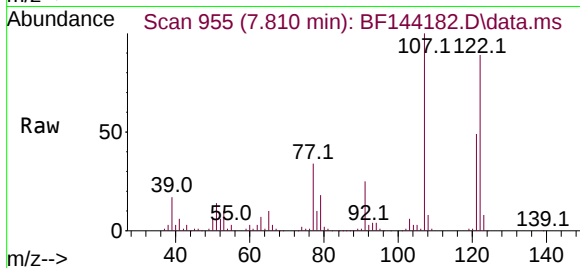
ClientSampleId :

PB170402BS

Tgt Ion:122 Resp: 196394
Ion Ratio Lower Upper
122 100
107 111.7 86.2 129.4
121 55.2 44.6 66.8

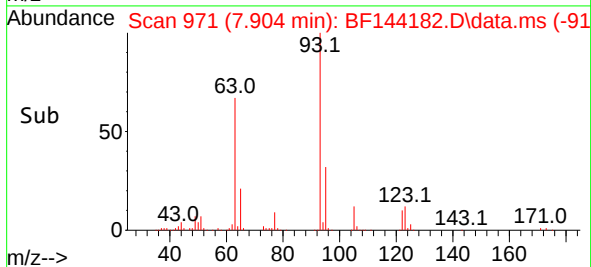
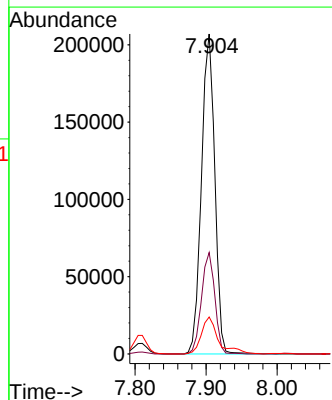
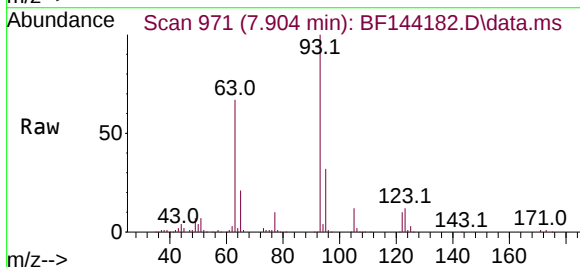
Manual Integrations
APPROVED

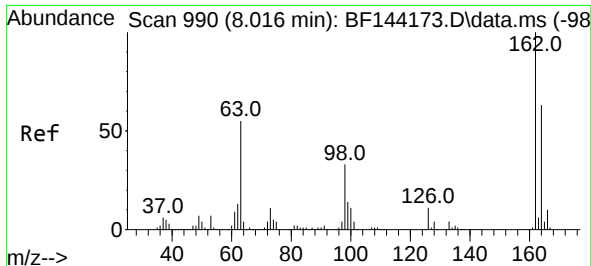
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#28
bis(2-Chloroethoxy)methane
Concen: 45.227 ng
RT: 7.904 min Scan# 971
Delta R.T. 0.006 min
Lab File: BF144182.D
Acq: 06 Nov 2025 12:12

Tgt Ion: 93 Resp: 268641
Ion Ratio Lower Upper
93 100
95 31.7 24.2 36.4
123 11.5 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 42.846 ng

RT: 8.016 min Scan# 990

Delta R.T. -0.000 min

Lab File: BF144182.D

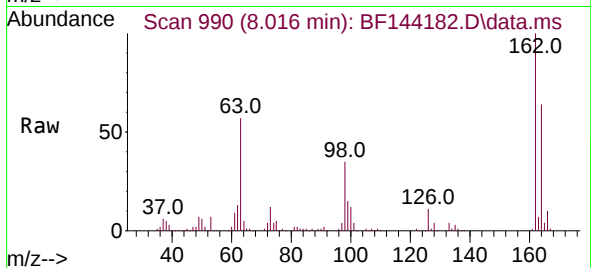
Acq: 06 Nov 2025 12:12

Instrument :

BNA_F

ClientSampleId :

PB170402BS



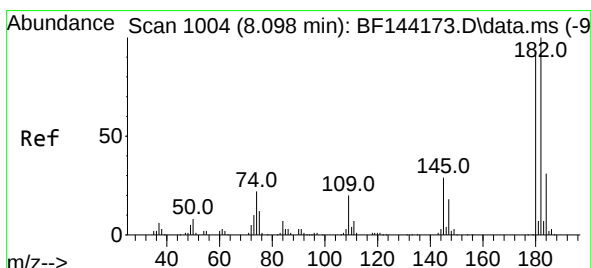
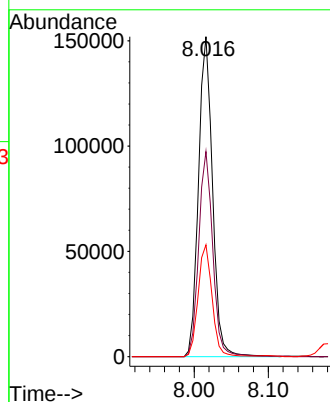
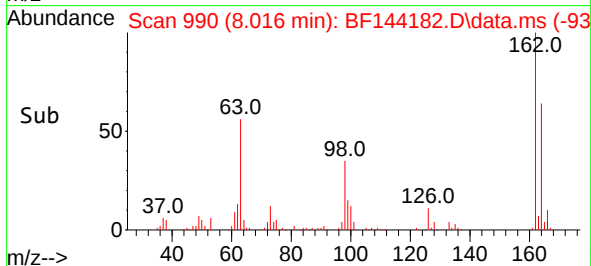
Tgt Ion:162	Resp: 200053
Ion Ratio	Lower Upper
162 100	
164 64.1	42.9 82.9
98 34.9	13.3 53.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/07/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#30

1,2,4-Trichlorobenzene

Concen: 46.902 ng

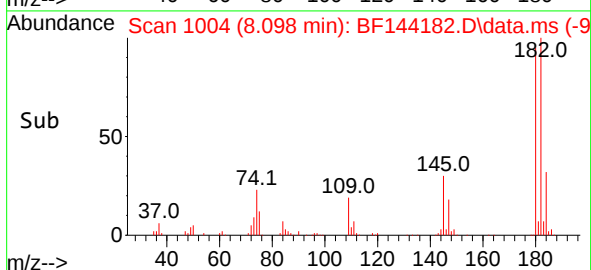
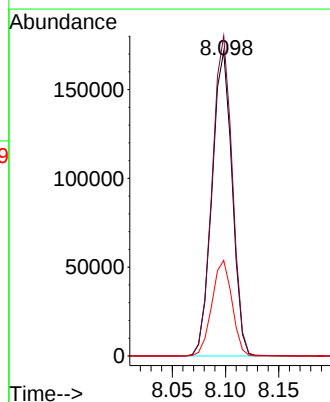
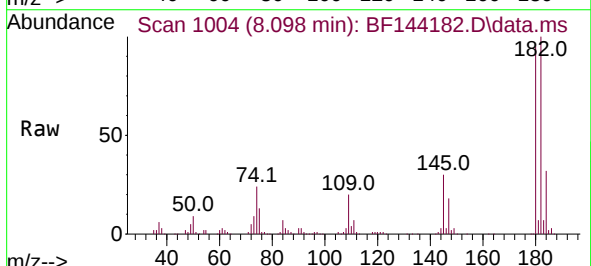
RT: 8.098 min Scan# 1004

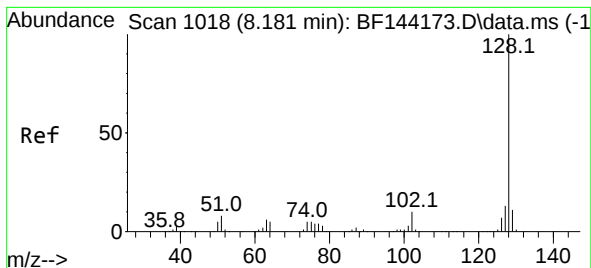
Delta R.T. -0.000 min

Lab File: BF144182.D

Acq: 06 Nov 2025 12:12

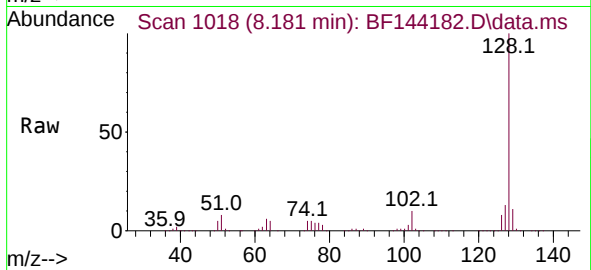
Tgt Ion:180	Resp: 224872
Ion Ratio	Lower Upper
180 100	
182 105.1	87.7 131.5
145 31.4	25.4 38.0





#31
Naphthalene
Concen: 43.509 ng
RT: 8.181 min Scan# 1018
Delta R.T. 0.006 min
Lab File: BF144182.D
Acq: 06 Nov 2025 12:12

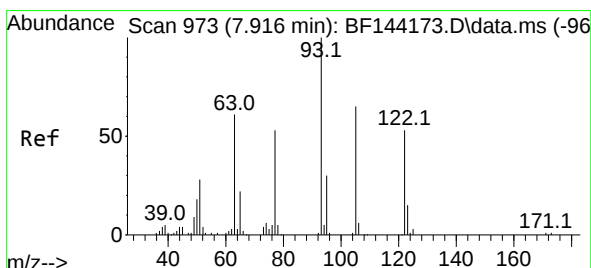
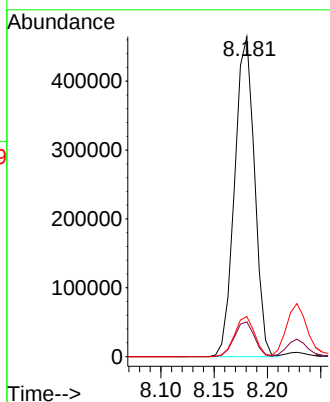
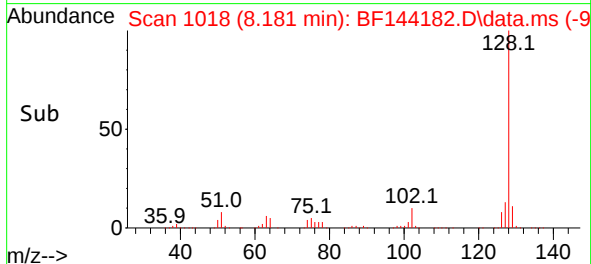
Instrument :
BNA_F
ClientSampleId :
PB170402BS



Tgt Ion:128 Resp: 601106
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 12.5 10.3 15.5

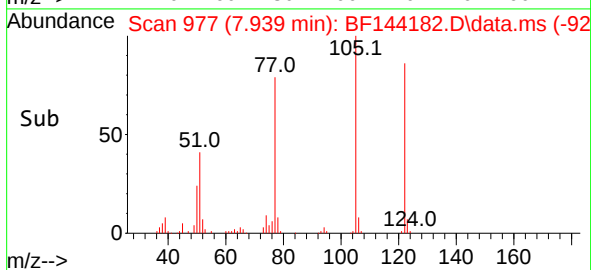
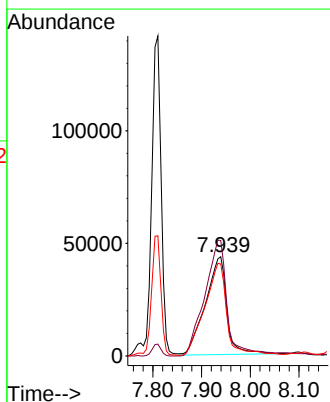
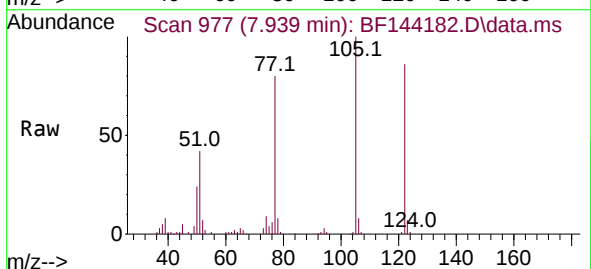
Manual Integrations
APPROVED

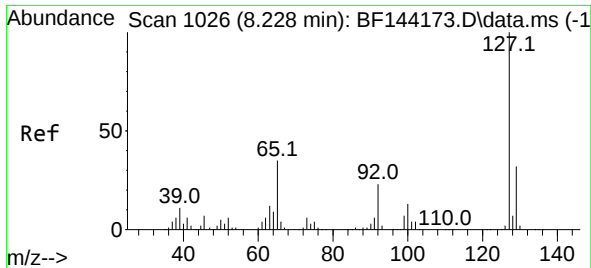
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#32
Benzoic acid
Concen: 44.889 ng
RT: 7.939 min Scan# 977
Delta R.T. -0.012 min
Lab File: BF144182.D
Acq: 06 Nov 2025 12:12

Tgt Ion:122 Resp: 133299
Ion Ratio Lower Upper
122 100
105 116.3 99.9 139.9
77 92.6 77.5 117.5





#33
4-Chloroaniline
Concen: 21.780 ng
RT: 8.228 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF144182.D
Acq: 06 Nov 2025 12:12

Instrument :

BNA_F

ClientSampleId :

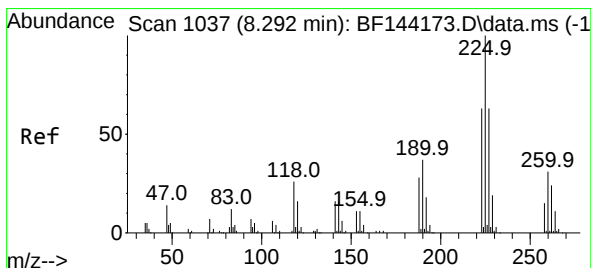
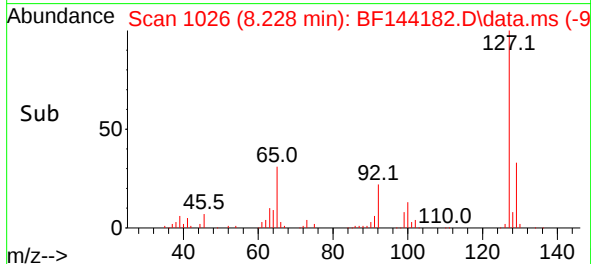
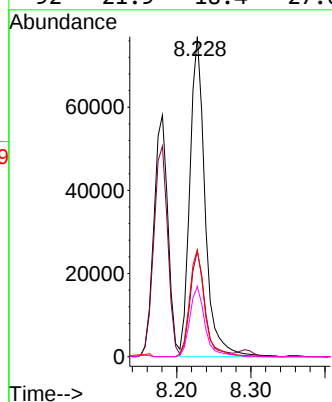
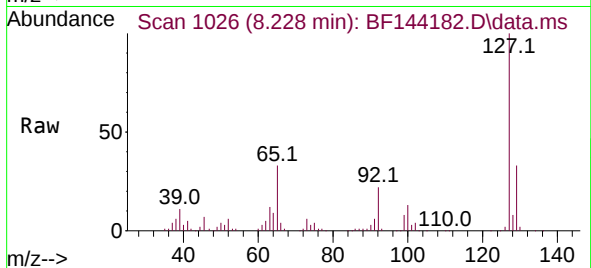
PB170402BS

Tgt Ion:127 Resp: 109748
Ion Ratio Lower Upper
127 100
129 32.9 25.3 37.9
65 33.4 27.6 41.4
92 21.9 18.4 27.6

Manual Integrations

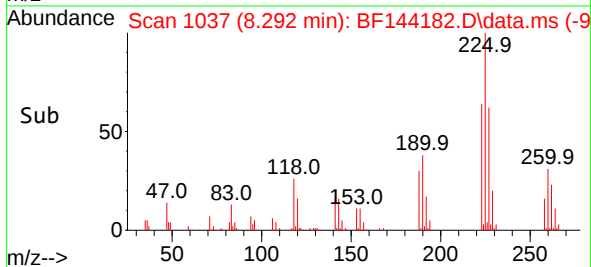
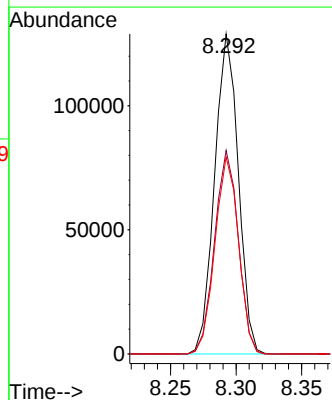
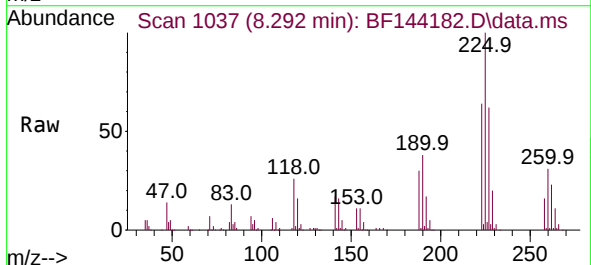
APPROVED

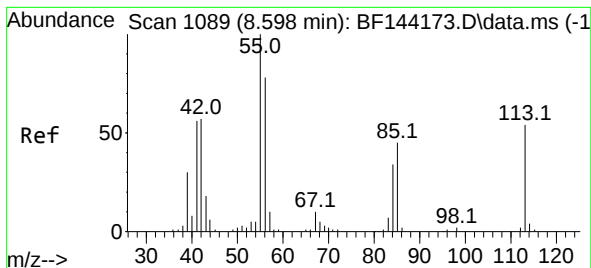
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#34
Hexachlorobutadiene
Concen: 44.776 ng
RT: 8.292 min Scan# 1037
Delta R.T. -0.000 min
Lab File: BF144182.D
Acq: 06 Nov 2025 12:12

Tgt Ion:225 Resp: 161792
Ion Ratio Lower Upper
225 100
223 63.6 50.2 75.4
227 61.5 50.1 75.1





#35

Caprolactam

Concen: 45.009 ng m

RT: 8.592 min Scan# 1088

Delta R.T. -0.029 min

Lab File: BF144182.D

Acq: 06 Nov 2025 12:12

Instrument :

BNA_F

ClientSampleId :

PB170402BS

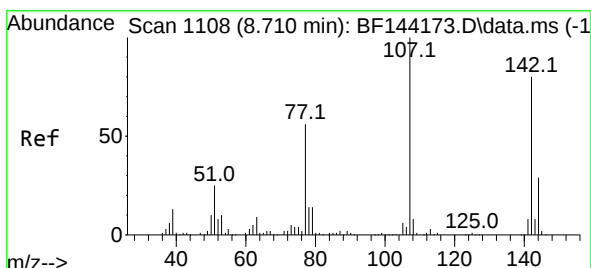
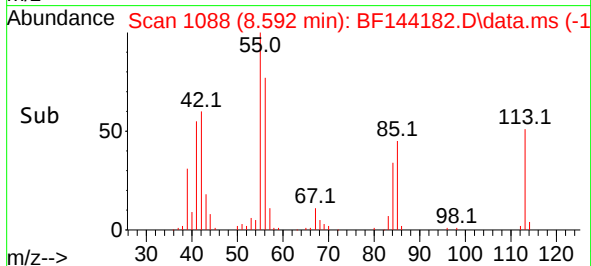
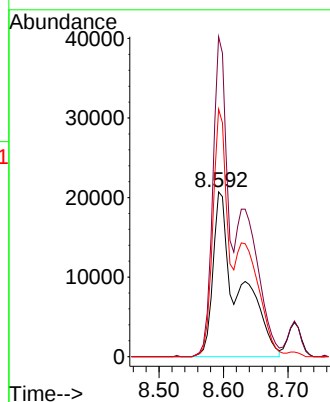
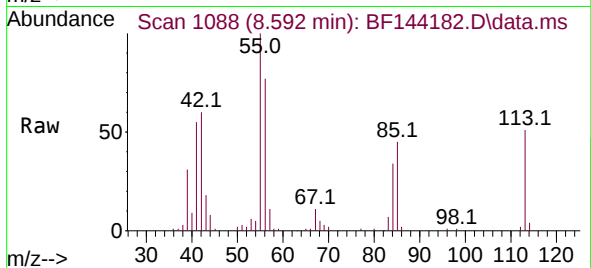
Tgt Ion:113 Resp: 57576
 Ion Ratio Lower Upper
 113 100
 55 194.2 166.8 206.8
 56 150.2 125.9 165.9

Manual Integrations

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Reviewed By :Rahul Chavli 11/07/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#36

4-Chloro-3-methylphenol

Concen: 45.101 ng

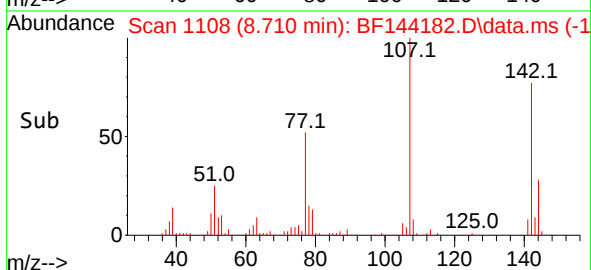
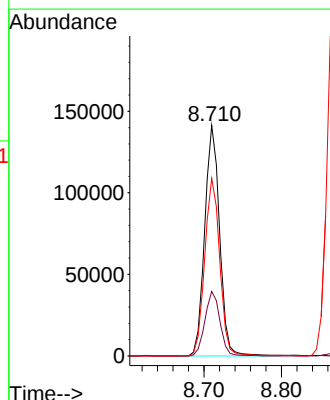
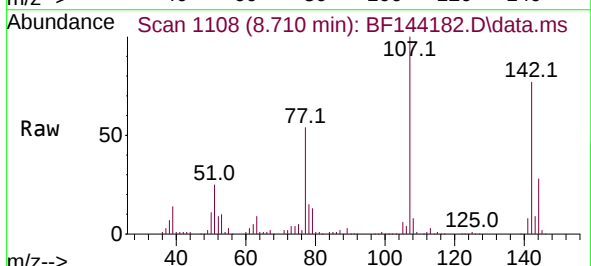
RT: 8.710 min Scan# 1108

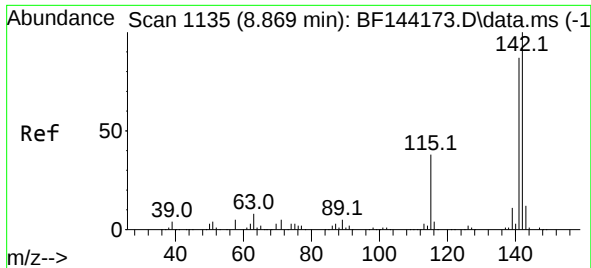
Delta R.T. 0.006 min

Lab File: BF144182.D

Acq: 06 Nov 2025 12:12

Tgt Ion:107 Resp: 188725
 Ion Ratio Lower Upper
 107 100
 144 27.9 23.3 34.9
 142 77.0 63.8 95.6





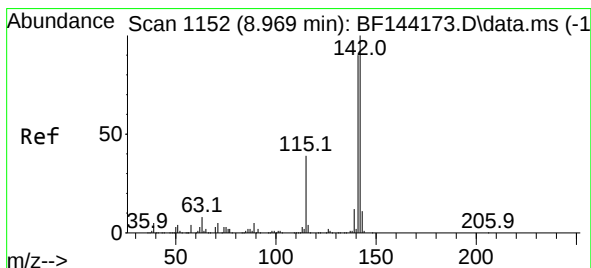
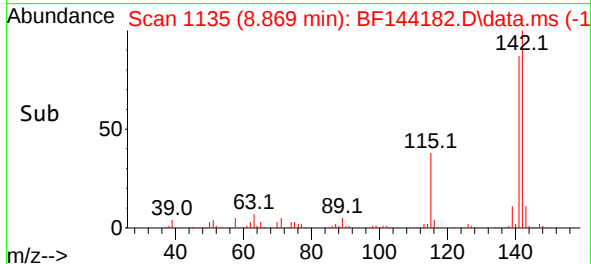
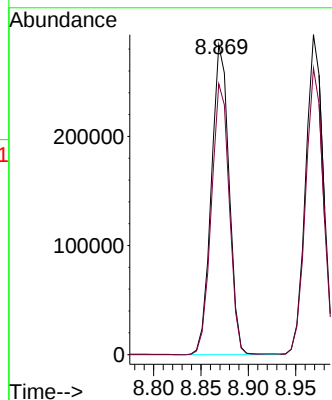
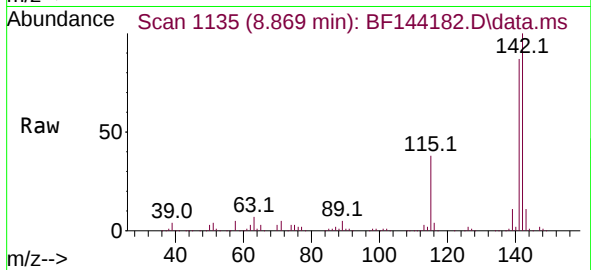
#37
2-Methylnaphthalene
Concen: 40.065 ng
RT: 8.869 min Scan# 1135
Delta R.T. -0.000 min
Lab File: BF144182.D
Acq: 06 Nov 2025 12:12

Instrument :
BNA_F
ClientSampleId :
PB170402BS

Tgt Ion:142 Resp: 370091
Ion Ratio Lower Upper
142 100
141 87.5 69.9 104.9

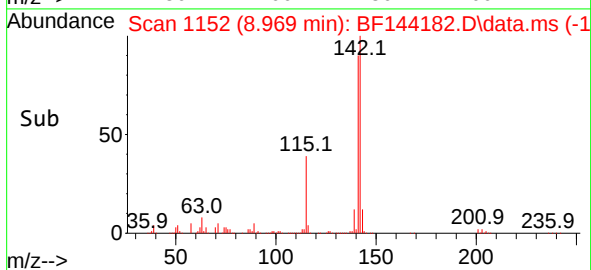
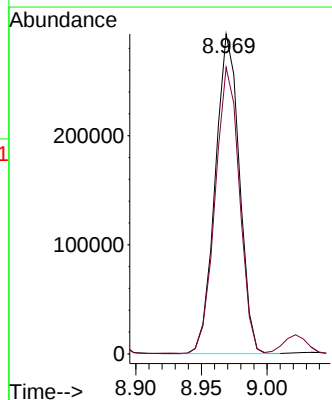
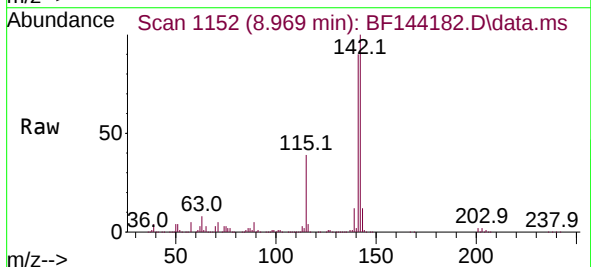
Manual Integrations
APPROVED

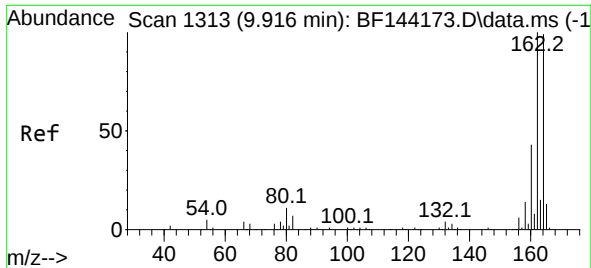
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#38
1-Methylnaphthalene
Concen: 42.111 ng
RT: 8.969 min Scan# 1152
Delta R.T. -0.000 min
Lab File: BF144182.D
Acq: 06 Nov 2025 12:12

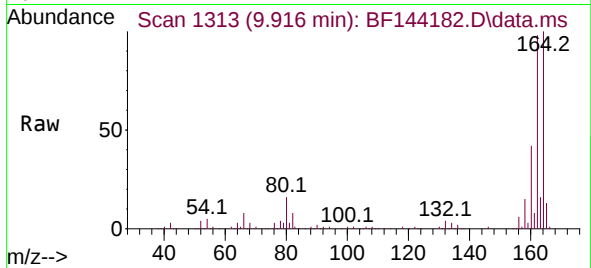
Tgt Ion:142 Resp: 375329
Ion Ratio Lower Upper
142 100
141 89.5 72.1 108.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.000 min
Lab File: BF144182.D
Acq: 06 Nov 2025 12:12

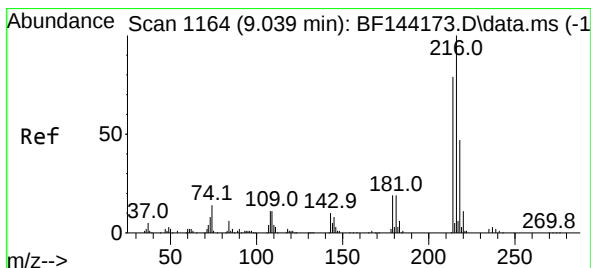
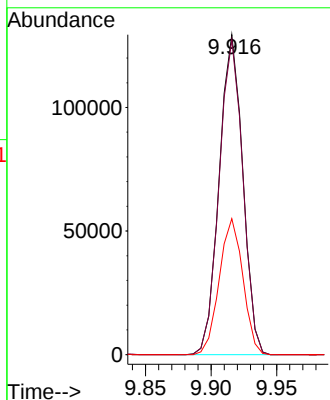
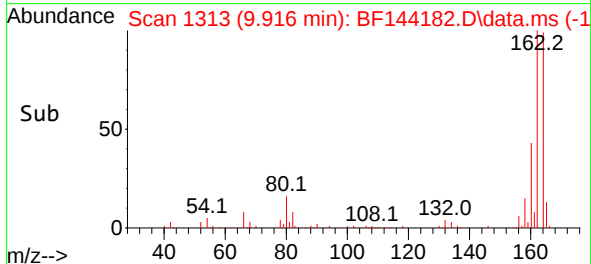
Instrument :
BNA_F
ClientSampleId :
PB170402BS



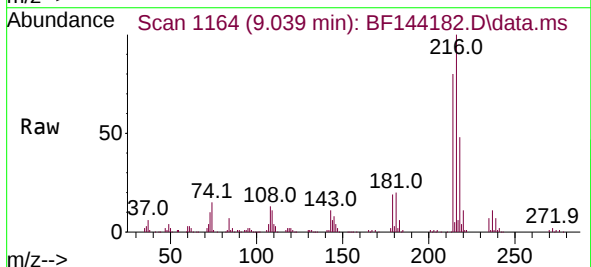
Tgt Ion:164 Resp: 162255
Ion Ratio Lower Upper
164 100
162 98.4 81.1 121.7
160 42.5 34.5 51.7

Manual Integrations
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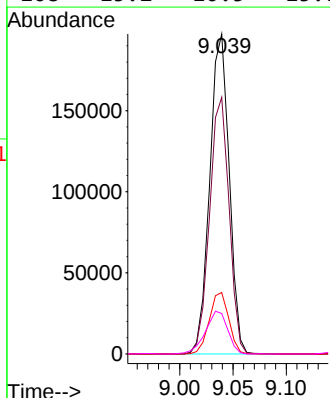
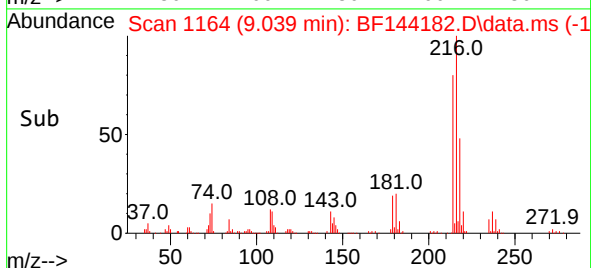
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

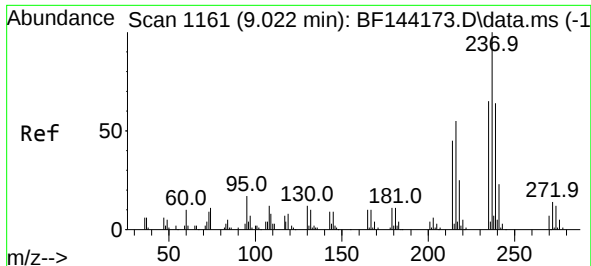


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.105 ng
RT: 9.039 min Scan# 1164
Delta R.T. 0.006 min
Lab File: BF144182.D
Acq: 06 Nov 2025 12:12



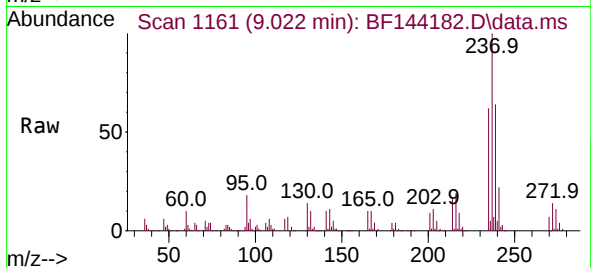
Tgt Ion:216 Resp: 250485
Ion Ratio Lower Upper
216 100
214 80.4 63.4 95.2
179 19.2 15.0 22.4
108 15.2 10.5 15.7





#41
Hexachlorocyclopentadiene
Concen: 97.929 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF144182.D
Acq: 06 Nov 2025 12:12

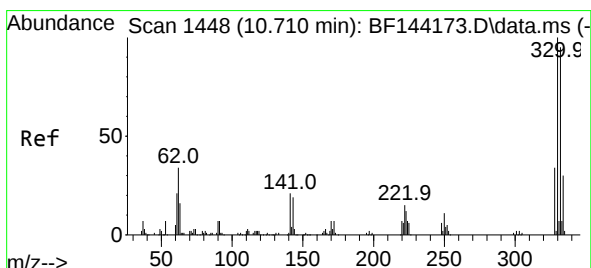
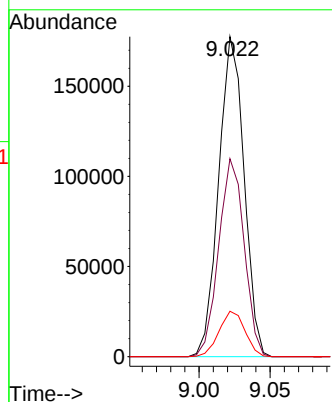
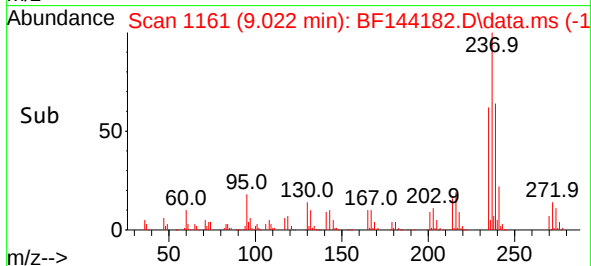
Instrument :
BNA_F
ClientSampleId :
PB170402BS



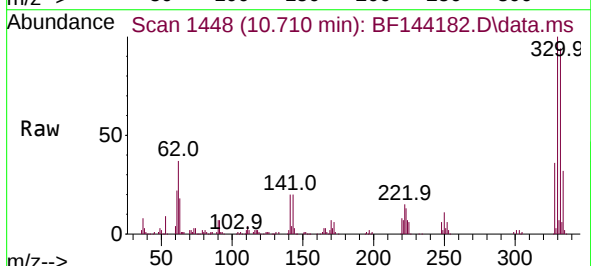
Tgt Ion:237 Resp: 221379
Ion Ratio Lower Upper
237 100
235 61.9 45.5 85.5
272 14.2 0.0 33.5

Manual Integrations
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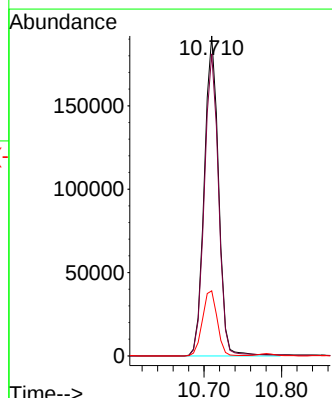
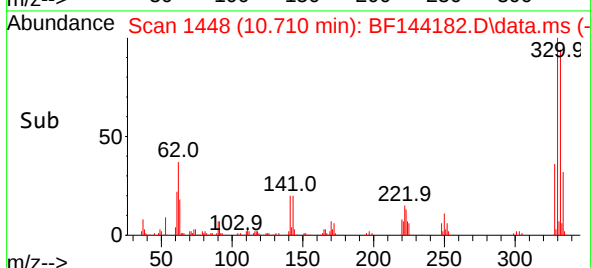
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

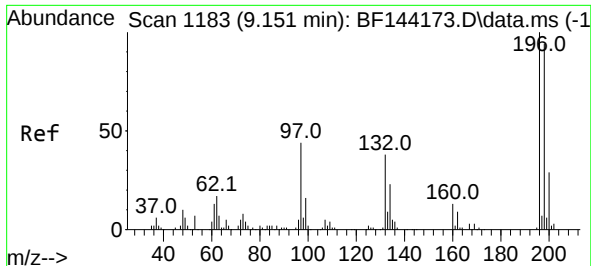


#42
2,4,6-Tribromophenol
Concen: 120.551 ng
RT: 10.710 min Scan# 1448
Delta R.T. 0.006 min
Lab File: BF144182.D
Acq: 06 Nov 2025 12:12



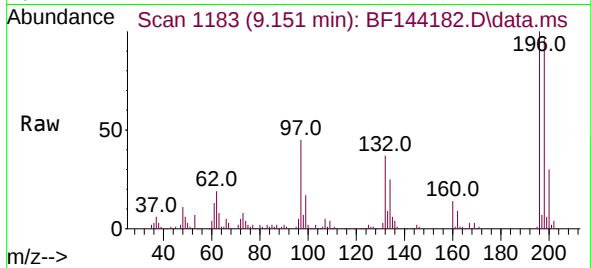
Tgt Ion:330 Resp: 245455
Ion Ratio Lower Upper
330 100
332 94.0 76.7 115.1
141 21.0 17.8 26.8





#43
2,4,6-Trichlorophenol
Concen: 42.600 ng
RT: 9.151 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BF144182.D
Acq: 06 Nov 2025 12:12

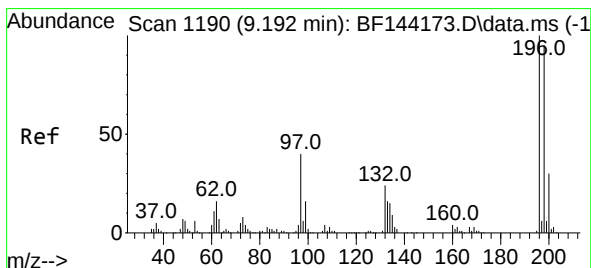
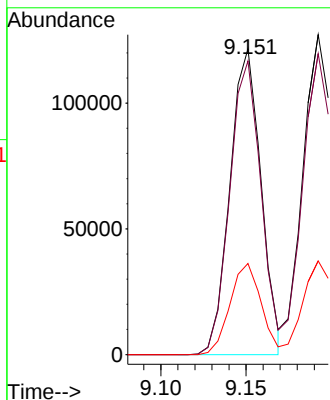
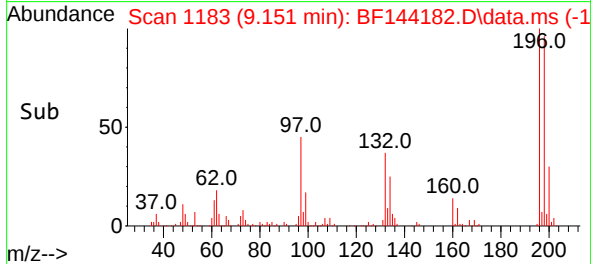
Instrument :
BNA_F
ClientSampleId :
PB170402BS



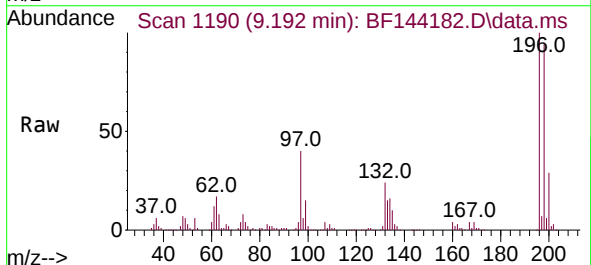
Tgt Ion:196 Resp: 154183
Ion Ratio Lower Upper
196 100
198 96.1 75.3 112.9
200 29.8 23.4 35.2

Manual Integrations
APPROVED

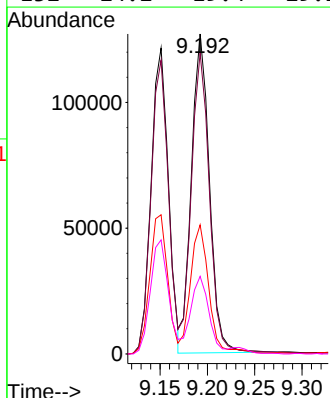
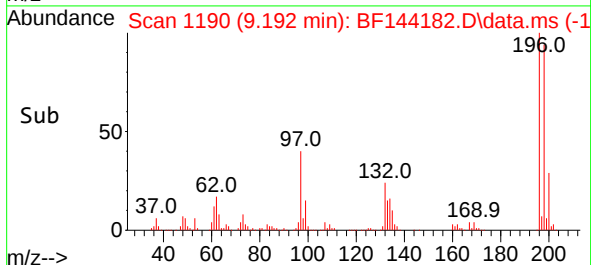
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

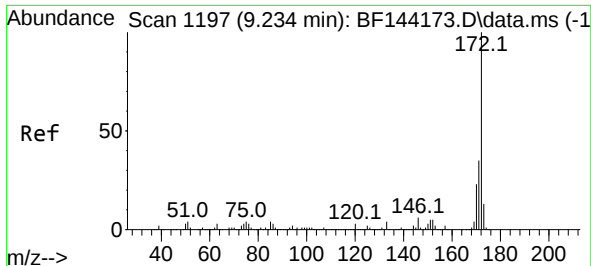


#44
2,4,5-Trichlorophenol
Concen: 43.017 ng
RT: 9.192 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BF144182.D
Acq: 06 Nov 2025 12:12



Tgt Ion:196 Resp: 167798
Ion Ratio Lower Upper
196 100
198 94.0 76.1 114.1
97 40.4 31.9 47.9
132 24.2 19.4 29.2





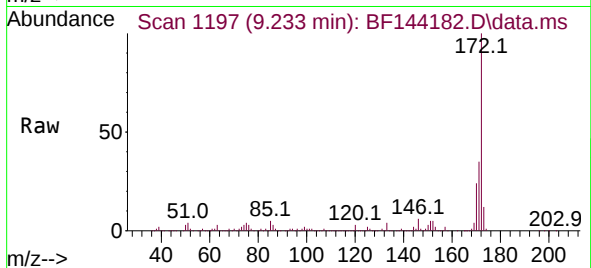
#45
2-Fluorobiphenyl
Concen: 80.239 ng
RT: 9.233 min Scan# 1197
Delta R.T. 0.006 min
Lab File: BF144182.D
Acq: 06 Nov 2025 12:12

Instrument :

BNA_F

ClientSampleId :

PB170402BS



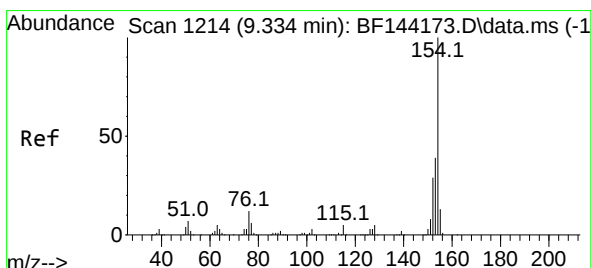
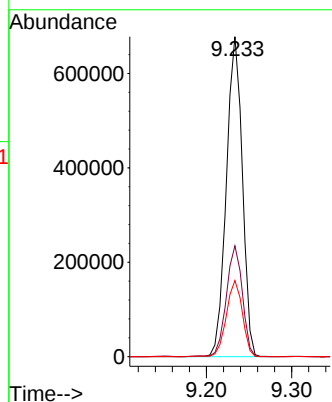
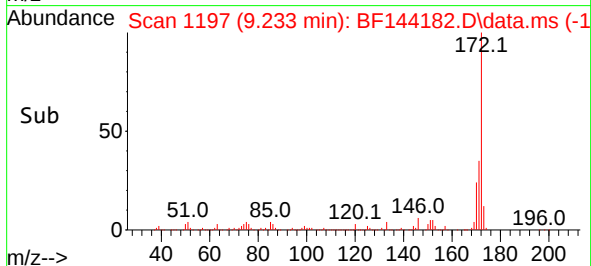
Tgt Ion:172 Resp: 881503
Ion Ratio Lower Upper
172 100
171 34.6 28.1 42.1
170 23.8 18.6 28.0

Manual Integrations

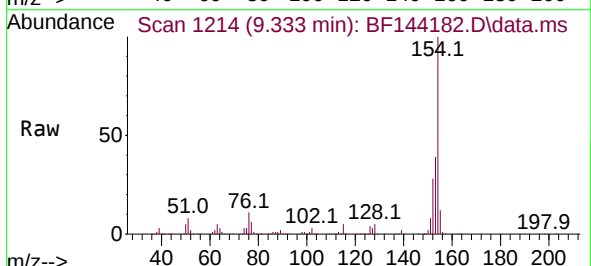
APPROVED

Reviewed By :Rahul Chavli 11/07/2025

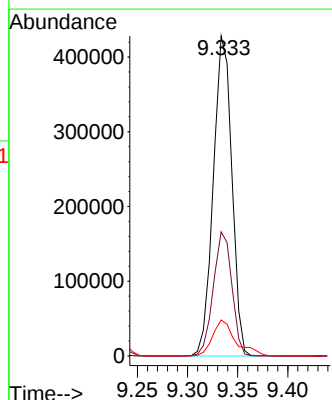
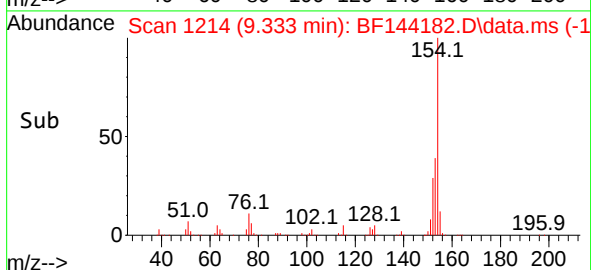
Supervised By :Jagrut Upadhyay 11/10/2025

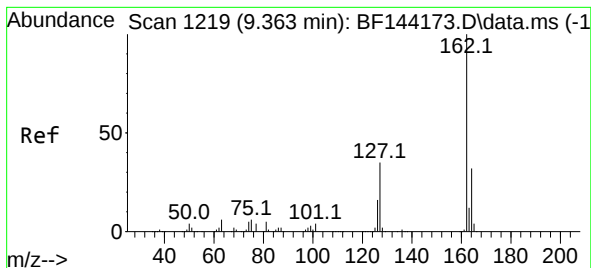


#46
1,1'-Biphenyl
Concen: 48.550 ng
RT: 9.333 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF144182.D
Acq: 06 Nov 2025 12:12



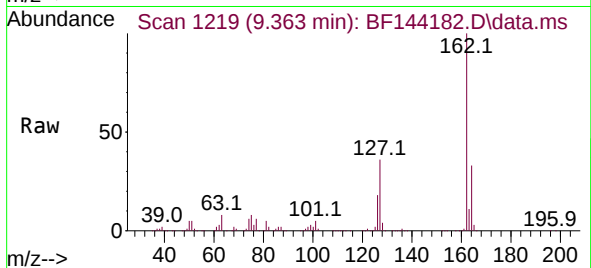
Tgt Ion:154 Resp: 549871
Ion Ratio Lower Upper
154 100
153 38.8 19.2 59.2
76 11.2 0.0 31.8





#47
2-Chloronaphthalene
Concen: 43.213 ng
RT: 9.363 min Scan# 1219
Delta R.T. 0.006 min
Lab File: BF144182.D
Acq: 06 Nov 2025 12:12

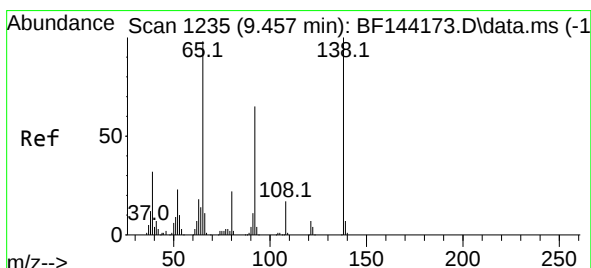
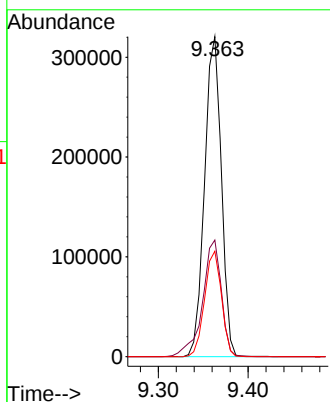
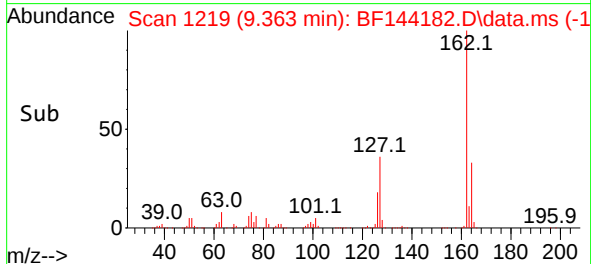
Instrument :
BNA_F
ClientSampleId :
PB170402BS



Tgt Ion:162 Resp: 417482
Ion Ratio Lower Upper
162 100
127 36.4 28.8 43.2
164 32.9 25.8 38.8

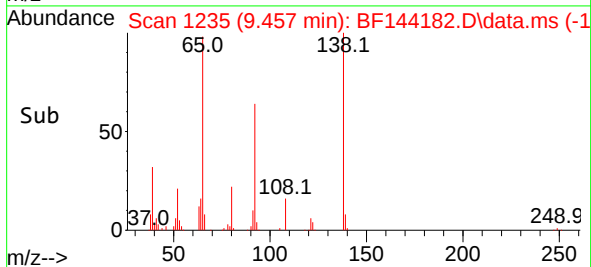
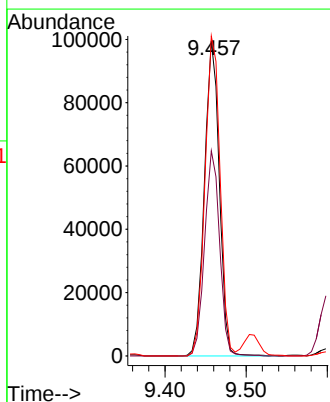
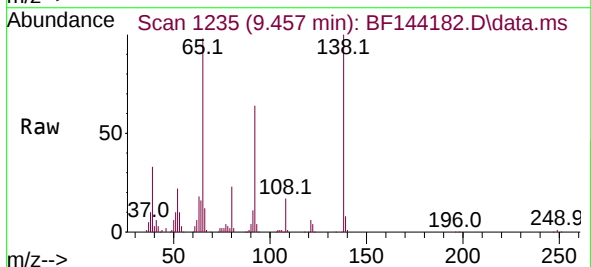
Manual Integrations
APPROVED

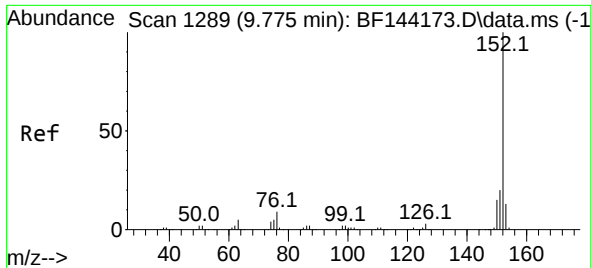
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#48
2-Nitroaniline
Concen: 45.594 ng
RT: 9.457 min Scan# 1235
Delta R.T. -0.000 min
Lab File: BF144182.D
Acq: 06 Nov 2025 12:12

Tgt Ion: 65 Resp: 127096
Ion Ratio Lower Upper
65 100
92 65.1 53.0 79.6
138 101.5 81.6 122.4





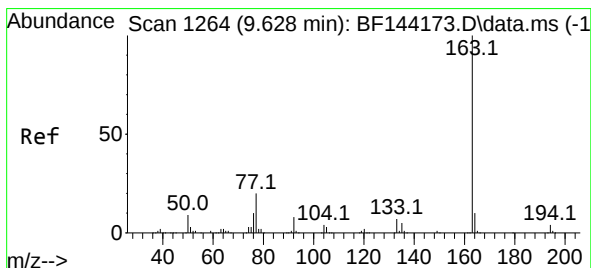
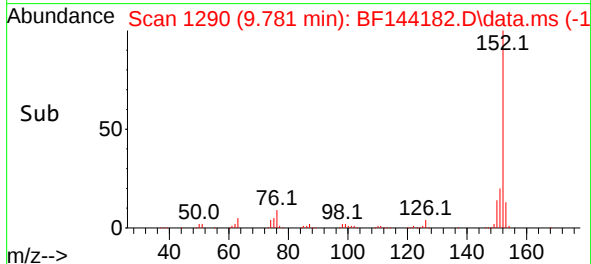
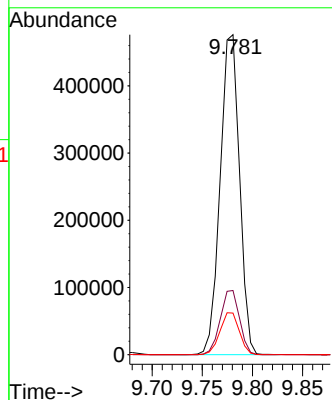
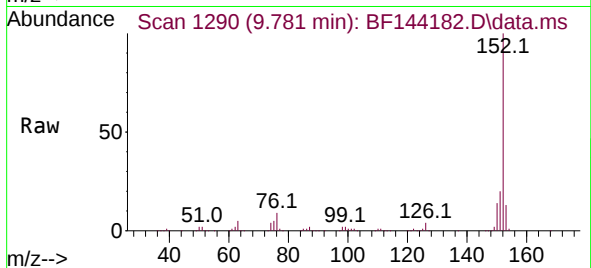
#49
Acenaphthylene
Concen: 48.593 ng
RT: 9.781 min Scan# 1289
Delta R.T. 0.006 min
Lab File: BF144182.D
Acq: 06 Nov 2025 12:12

Instrument :
BNA_F
ClientSampleId :
PB170402BS

Tgt Ion:152 Resp: 639745
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 13.0 10.5 15.7

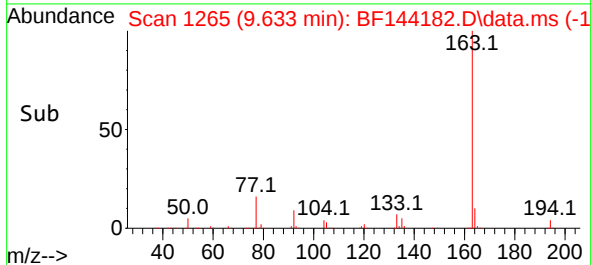
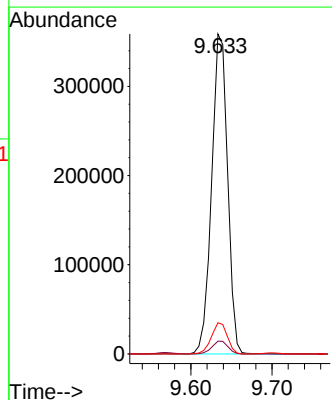
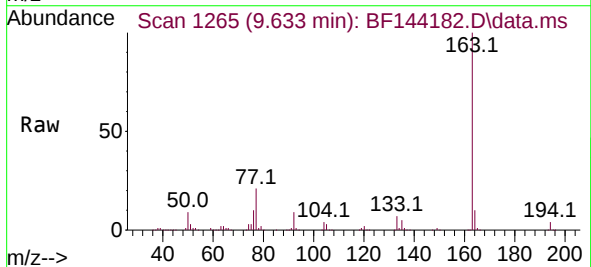
Manual Integrations
APPROVED

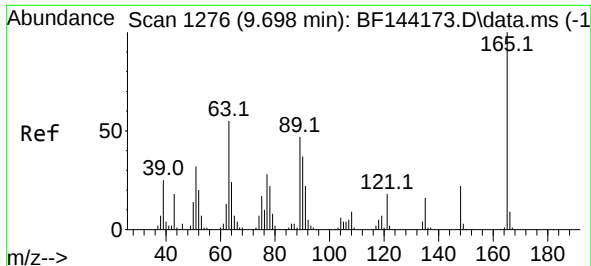
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#50
Dimethylphthalate
Concen: 45.617 ng
RT: 9.633 min Scan# 1265
Delta R.T. 0.006 min
Lab File: BF144182.D
Acq: 06 Nov 2025 12:12

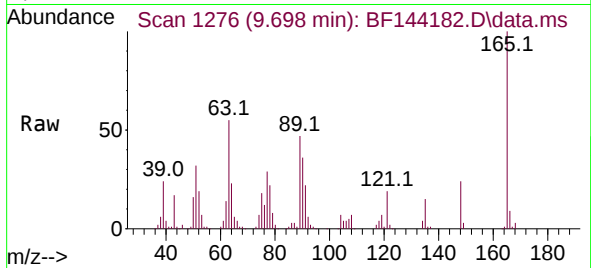
Tgt Ion:163 Resp: 490338
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 9.7 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 47.982 ng
RT: 9.698 min Scan# 1276
Delta R.T. 0.006 min
Lab File: BF144182.D
Acq: 06 Nov 2025 12:12

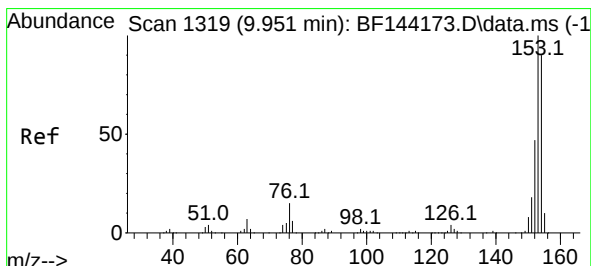
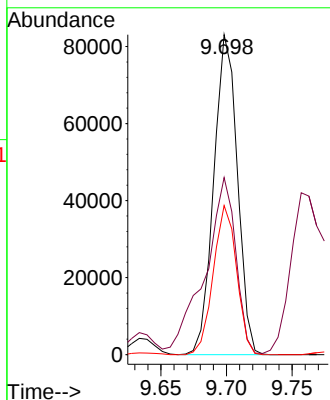
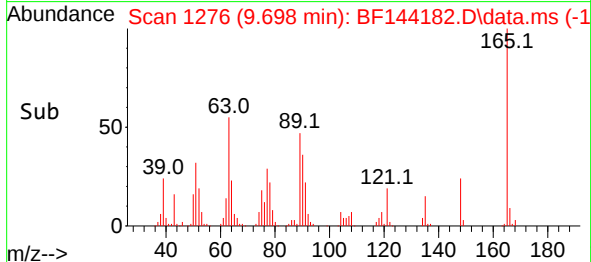
Instrument :
BNA_F
ClientSampleId :
PB170402BS



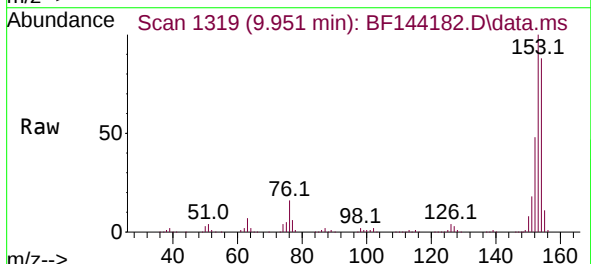
Tgt Ion:165 Resp: 104400
Ion Ratio Lower Upper
165 100
63 55.3 43.8 65.8
89 46.6 37.5 56.3

Manual Integrations
APPROVED

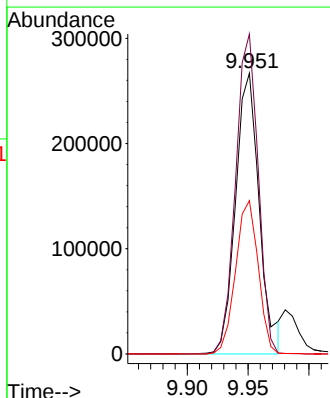
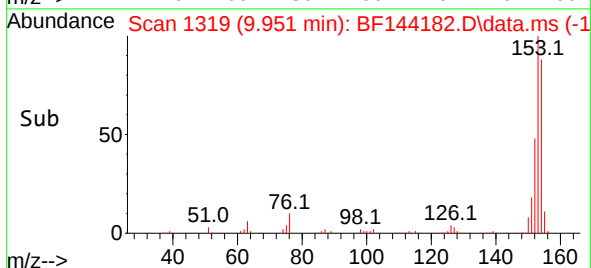
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

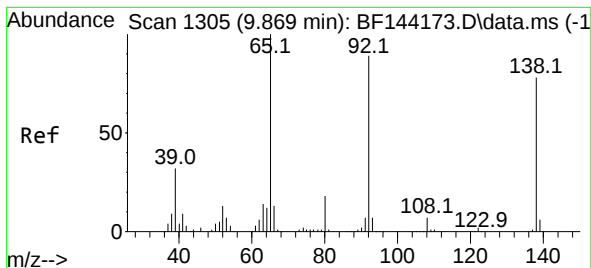


#52
Acenaphthene
Concen: 41.116 ng
RT: 9.951 min Scan# 1319
Delta R.T. 0.006 min
Lab File: BF144182.D
Acq: 06 Nov 2025 12:12



Tgt Ion:154 Resp: 361986
Ion Ratio Lower Upper
154 100
153 114.0 89.0 133.4
152 54.6 42.2 63.4





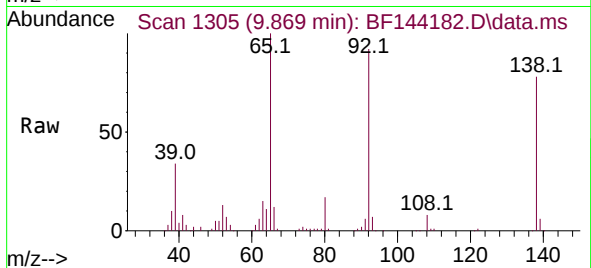
#53
3-Nitroaniline
Concen: 28.531 ng
RT: 9.869 min Scan# 1305
Delta R.T. -0.000 min
Lab File: BF144182.D
Acq: 06 Nov 2025 12:12

Instrument :

BNA_F

ClientSampleId :

PB170402BS



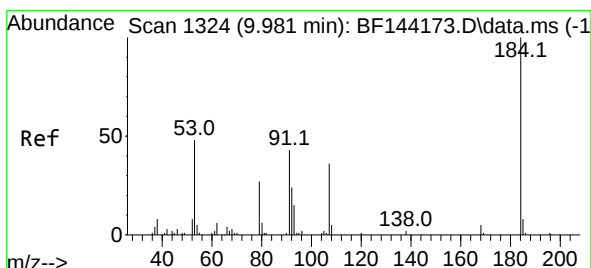
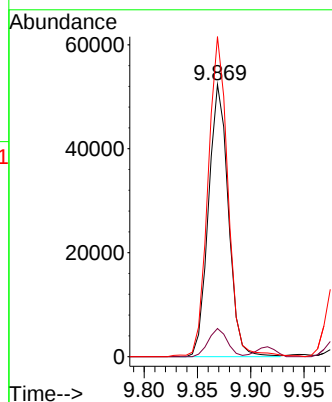
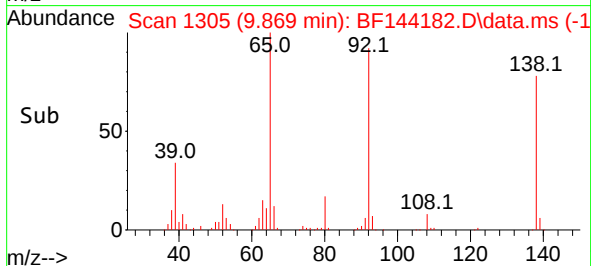
Tgt Ion:138 Resp: 67864
Ion Ratio Lower Upper
138 100
108 10.3 7.5 11.3
92 117.6 91.8 137.6

Manual Integrations

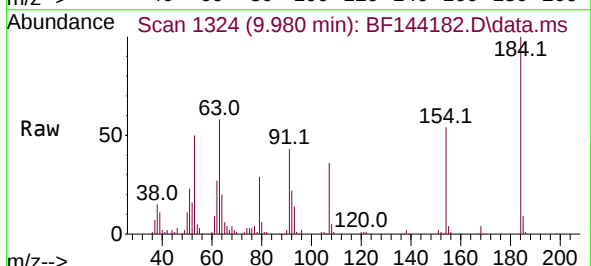
APPROVED

Reviewed By :Rahul Chavli 11/07/2025

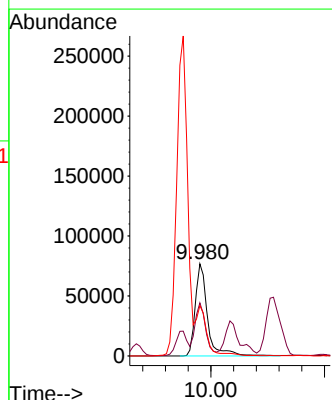
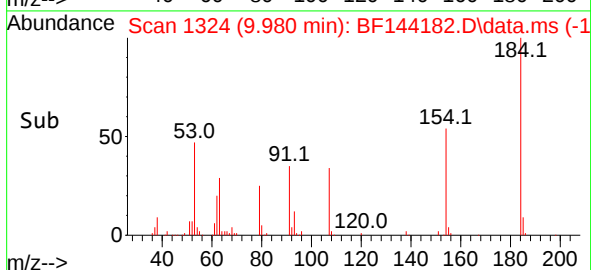
Supervised By :Jagrut Upadhyay 11/10/2025

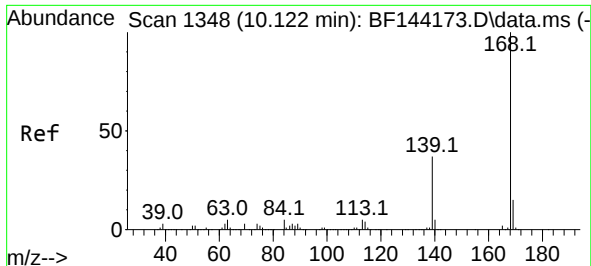


#54
2,4-Dinitrophenol
Concen: 87.214 ng
RT: 9.980 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF144182.D
Acq: 06 Nov 2025 12:12



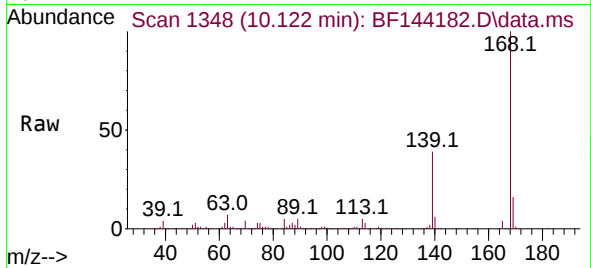
Tgt Ion:184 Resp: 114596
Ion Ratio Lower Upper
184 100
63 57.5 44.0 66.0
154 54.4 42.4 63.6





#55
Dibenzofuran
Concen: 43.593 ng
RT: 10.122 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF144182.D
Acq: 06 Nov 2025 12:12

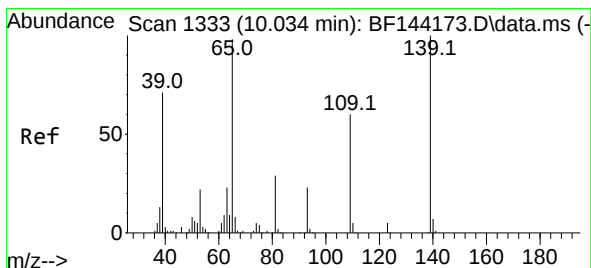
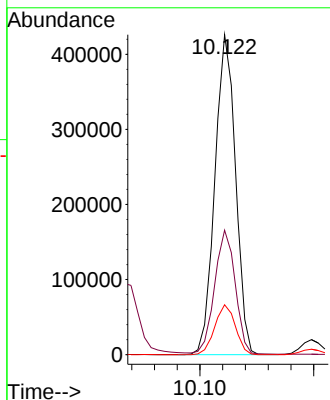
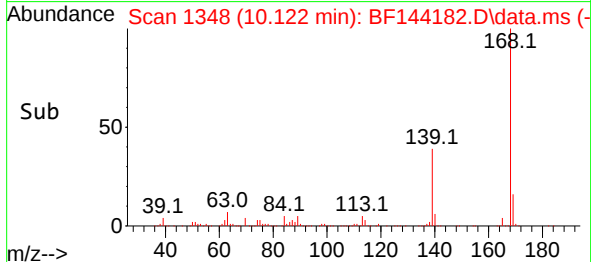
Instrument :
BNA_F
ClientSampleId :
PB170402BS



Tgt Ion:168 Resp: 537517
Ion Ratio Lower Upper
168 100
139 38.9 30.2 45.2
169 15.6 12.2 18.4

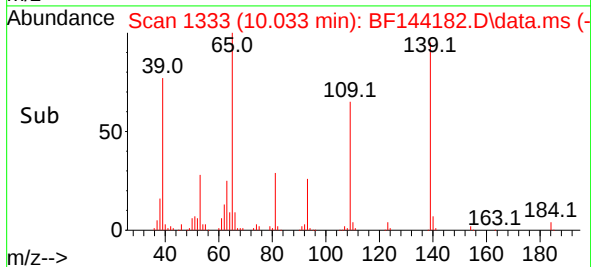
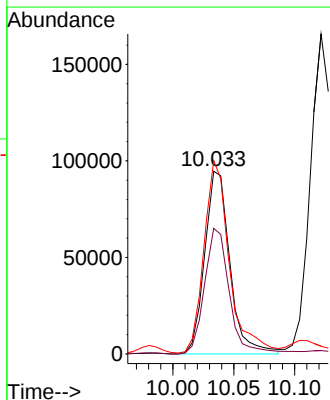
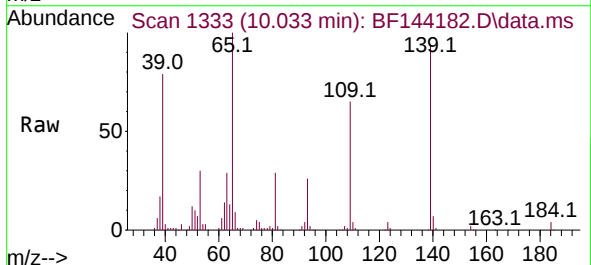
Manual Integrations
APPROVED

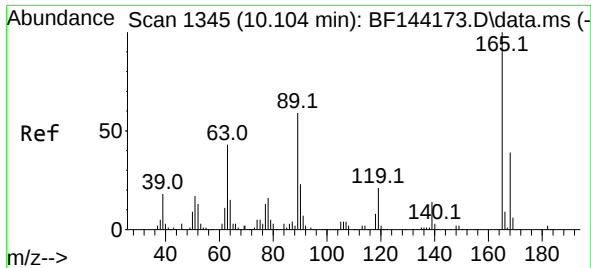
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#56
4-Nitrophenol
Concen: 79.317 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF144182.D
Acq: 06 Nov 2025 12:12

Tgt Ion:139 Resp: 136475
Ion Ratio Lower Upper
139 100
109 68.7 39.9 79.9
65 105.9 79.5 119.5





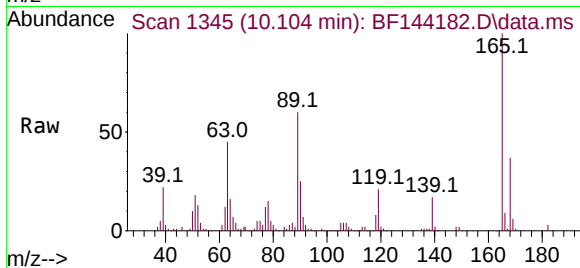
#57
2,4-Dinitrotoluene
Concen: 47.179 ng
RT: 10.104 min Scan# 1345
Delta R.T. 0.006 min
Lab File: BF144182.D
Acq: 06 Nov 2025 12:12

Instrument :

BNA_F

ClientSampleId :

PB170402BS



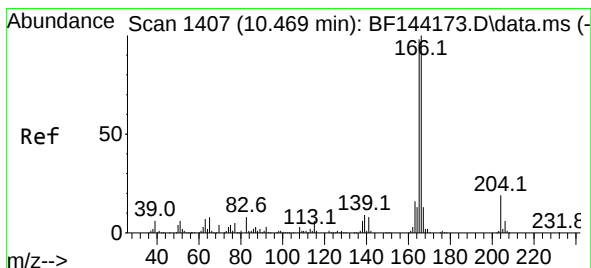
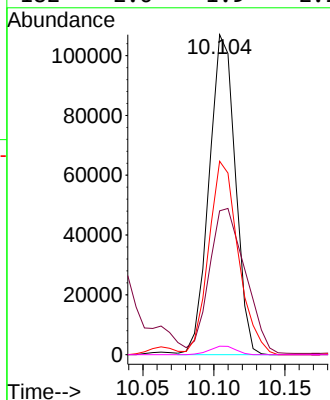
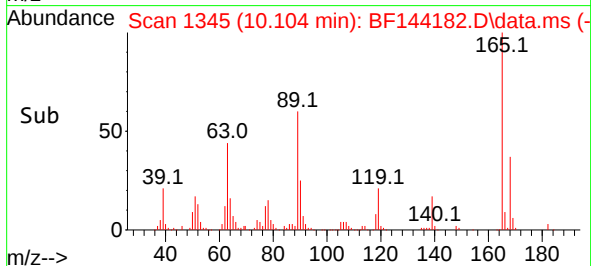
Tgt Ion:165 Resp: 137430
Ion Ratio Lower Upper
165 100
63 44.9 35.5 53.3
89 60.4 47.4 71.2
182 2.6 1.9 2.9

Manual Integrations

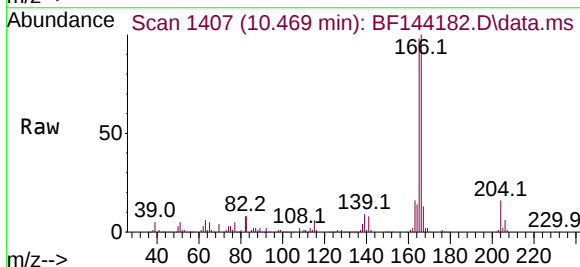
APPROVED

Reviewed By :Rahul Chavli 11/07/2025

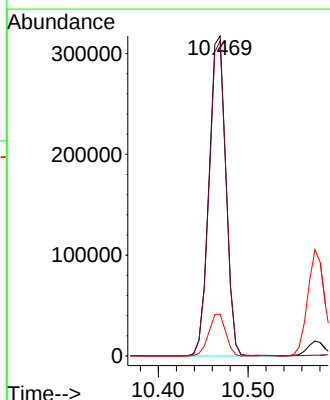
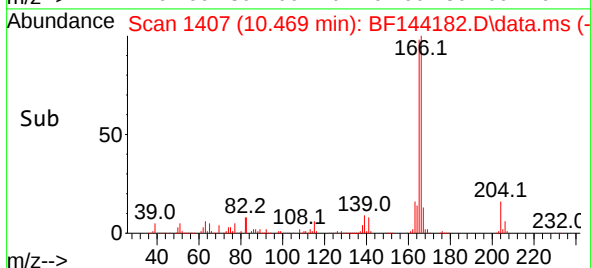
Supervised By :Jagrut Upadhyay 11/10/2025

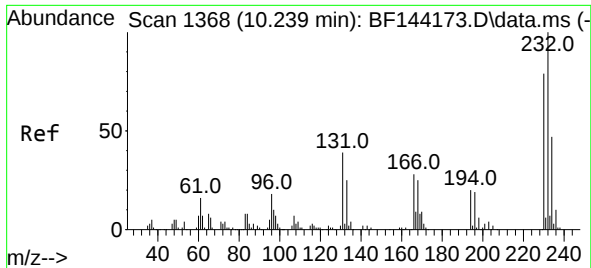


#58
Fluorene
Concen: 44.418 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.006 min
Lab File: BF144182.D
Acq: 06 Nov 2025 12:12



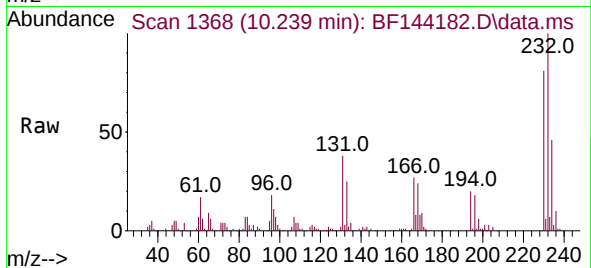
Tgt Ion:166 Resp: 416414
Ion Ratio Lower Upper
166 100
165 98.4 78.6 118.0
167 13.0 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.966 ng
RT: 10.239 min Scan# 1368
Delta R.T. -0.000 min
Lab File: BF144182.D
Acq: 06 Nov 2025 12:12

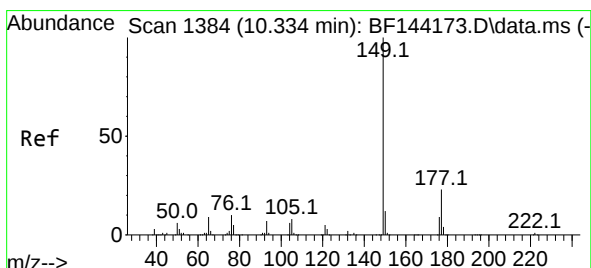
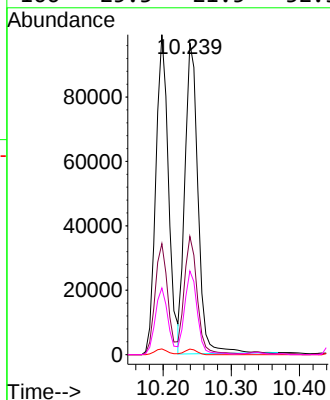
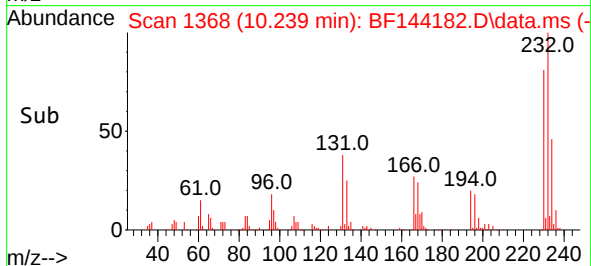
Instrument :
BNA_F
ClientSampleId :
PB170402BS



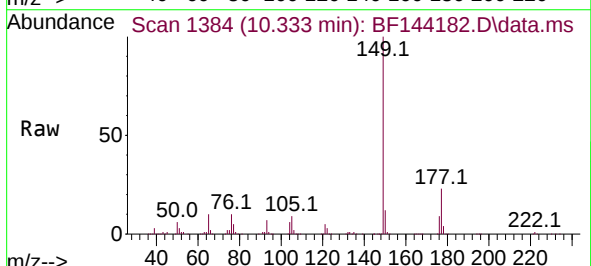
Tgt Ion:232 Resp: 129616
Ion Ratio Lower Upper
232 100
131 38.3 30.3 45.5
130 1.6 1.2 1.8
166 25.3 21.5 32.3

Manual Integrations
APPROVED

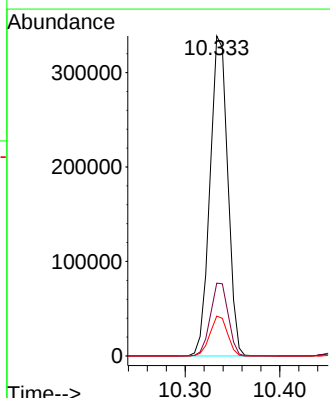
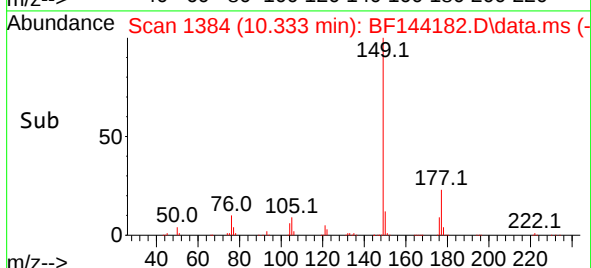
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

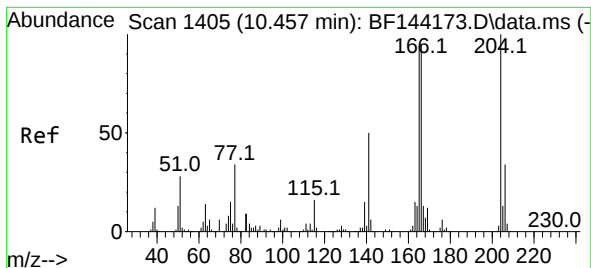


#60
Diethylphthalate
Concen: 44.535 ng
RT: 10.333 min Scan# 1384
Delta R.T. 0.006 min
Lab File: BF144182.D
Acq: 06 Nov 2025 12:12



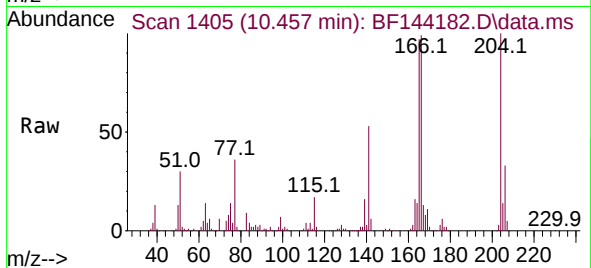
Tgt Ion:149 Resp: 441301
Ion Ratio Lower Upper
149 100
177 22.7 18.3 27.5
150 12.4 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 43.384 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BF144182.D
Acq: 06 Nov 2025 12:12

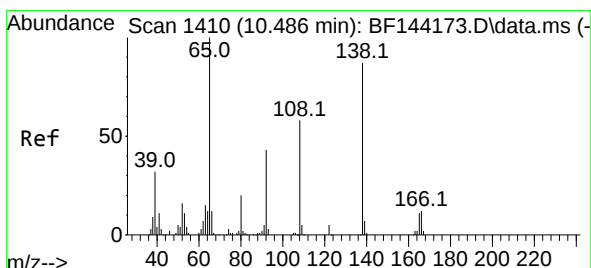
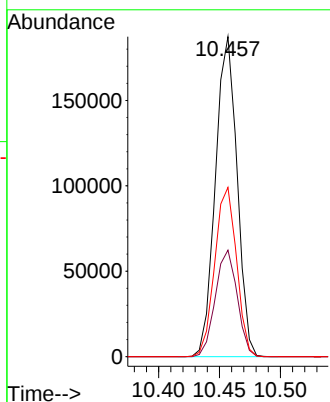
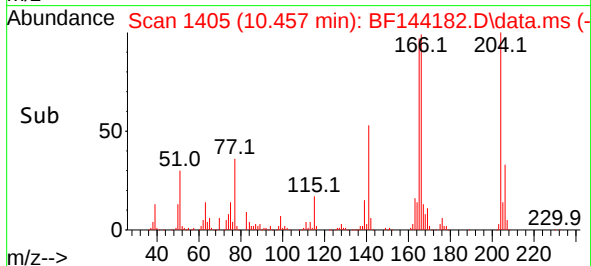
Instrument :
BNA_F
ClientSampleId :
PB170402BS



Tgt Ion:204 Resp: 231675
Ion Ratio Lower Upper
204 100
206 33.3 27.4 41.2
141 52.9 40.0 60.0

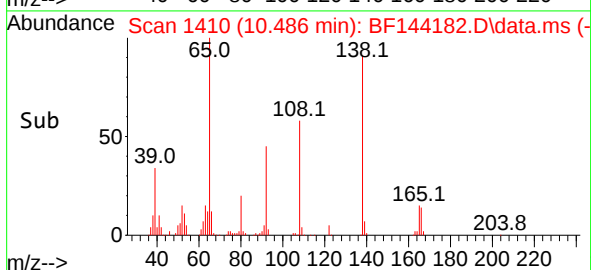
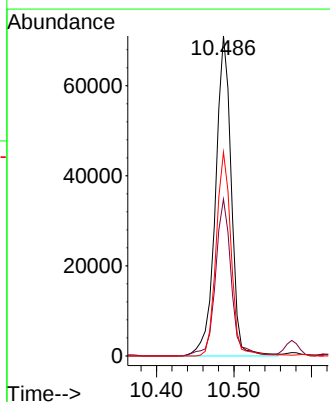
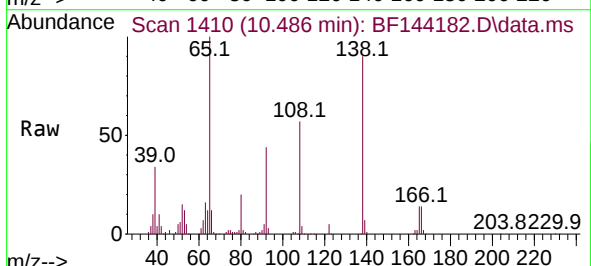
Manual Integrations
APPROVED

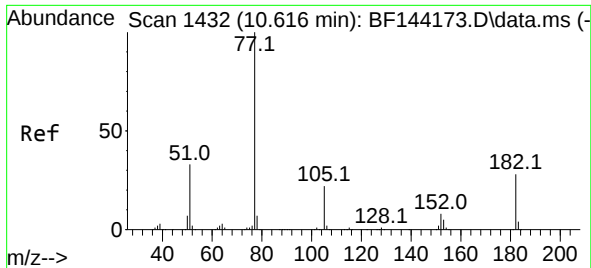
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#62
4-Nitroaniline
Concen: 44.320 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.012 min
Lab File: BF144182.D
Acq: 06 Nov 2025 12:12

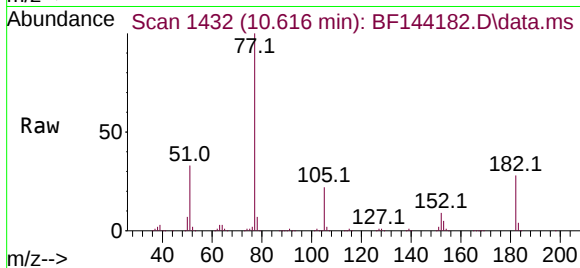
Tgt Ion:138 Resp: 100396
Ion Ratio Lower Upper
138 100
92 49.0 29.4 69.4
108 63.7 46.4 86.4





#63
Azobenzene
Concen: 46.392 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF144182.D
Acq: 06 Nov 2025 12:12

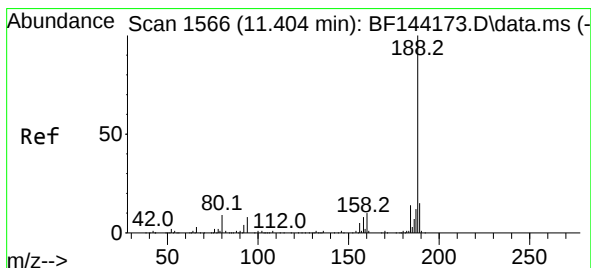
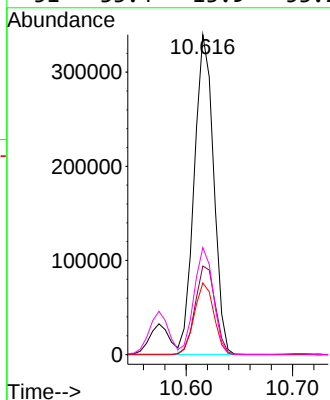
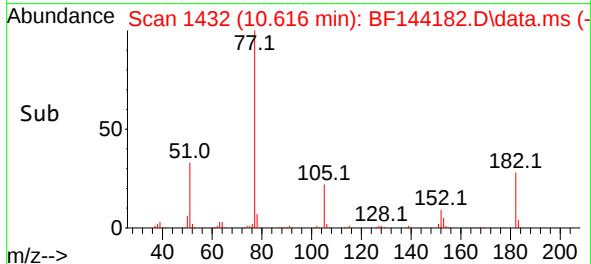
Instrument :
BNA_F
ClientSampleId :
PB170402BS



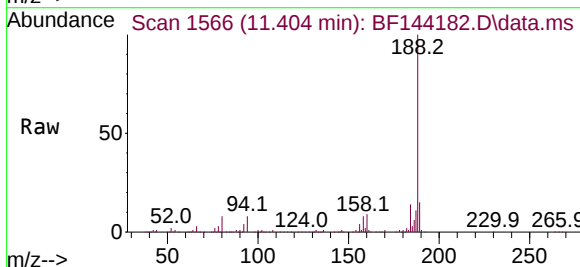
Tgt Ion: 77 Resp: 427832
Ion Ratio Lower Upper
77 100
182 27.7 8.1 48.1
105 22.4 2.0 42.0
51 33.4 13.9 53.9

Manual Integrations
APPROVED

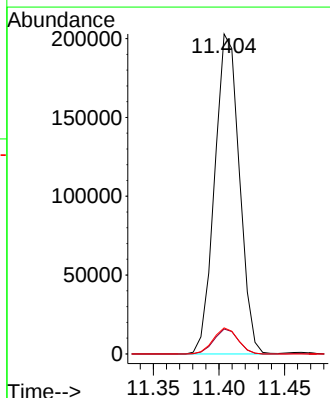
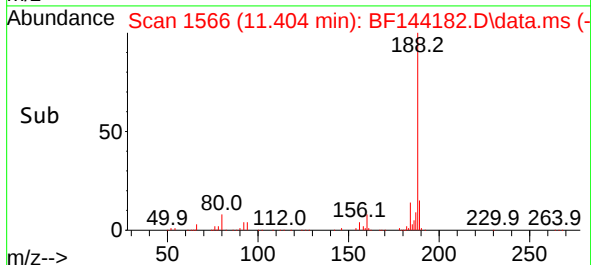
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

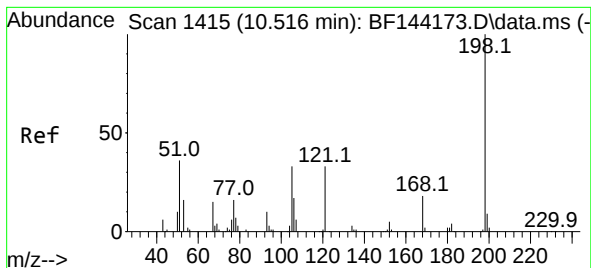


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1566
Delta R.T. -0.000 min
Lab File: BF144182.D
Acq: 06 Nov 2025 12:12



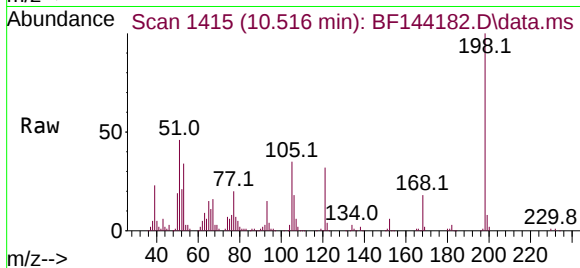
Tgt Ion:188 Resp: 266140
Ion Ratio Lower Upper
188 100
94 7.8 6.2 9.2
80 8.1 6.9 10.3





#65
4,6-Dinitro-2-methylphenol
Concen: 45.454 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF144182.D
Acq: 06 Nov 2025 12:12

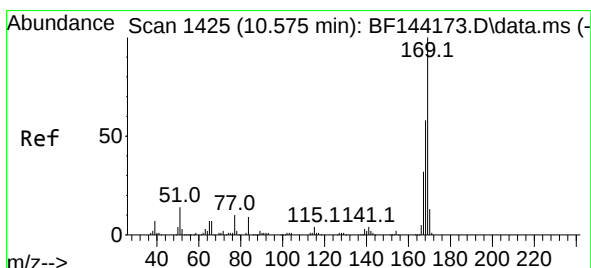
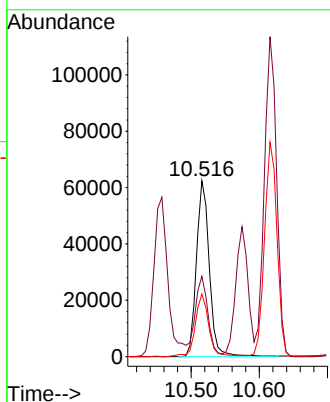
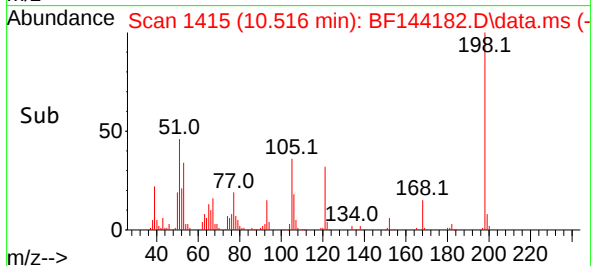
Instrument :
BNA_F
ClientSampleId :
PB170402BS



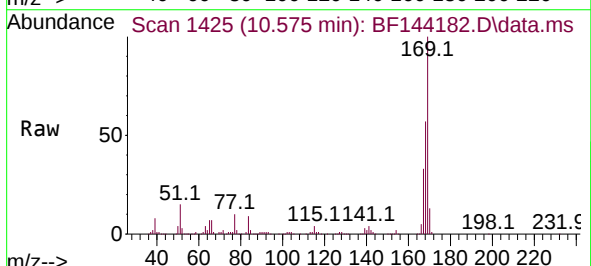
Tgt Ion:198 Resp: 82181
Ion Ratio Lower Upper
198 100
51 45.6 25.6 65.6
105 35.4 14.6 54.6

Manual Integrations
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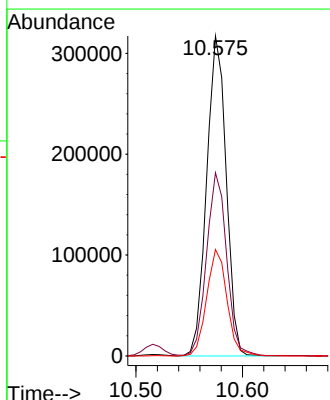
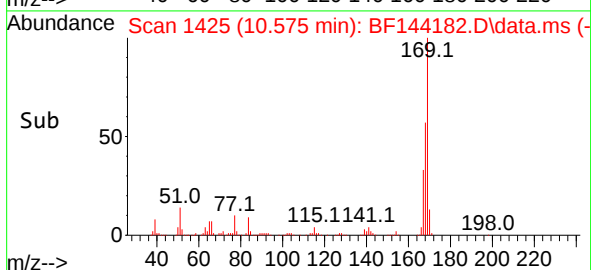
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

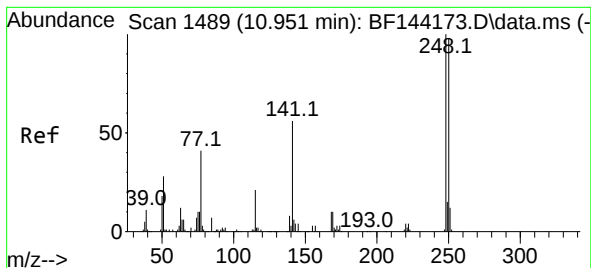


#66
n-Nitrosodiphenylamine
Concen: 47.272 ng
RT: 10.575 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF144182.D
Acq: 06 Nov 2025 12:12



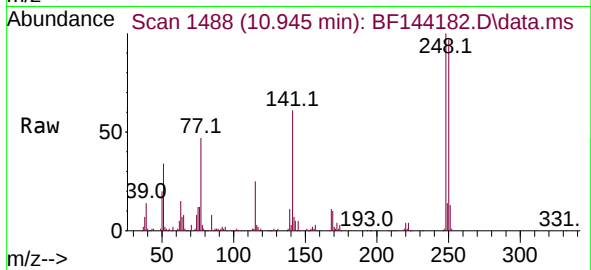
Tgt Ion:169 Resp: 404639
Ion Ratio Lower Upper
169 100
168 57.2 46.2 69.2
167 33.2 25.7 38.5





#67
4-Bromophenyl-phenylether
Concen: 46.221 ng
RT: 10.945 min Scan# 1488
Delta R.T. -0.000 min
Lab File: BF144182.D
Acq: 06 Nov 2025 12:12

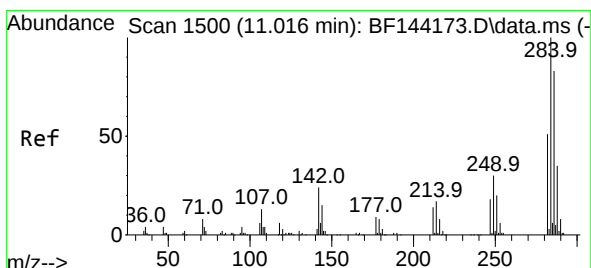
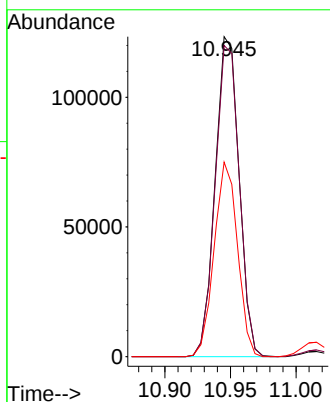
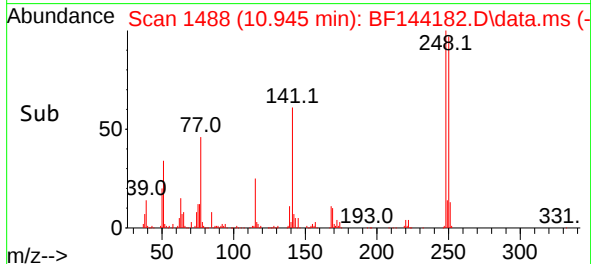
Instrument :
BNA_F
ClientSampleId :
PB170402BS



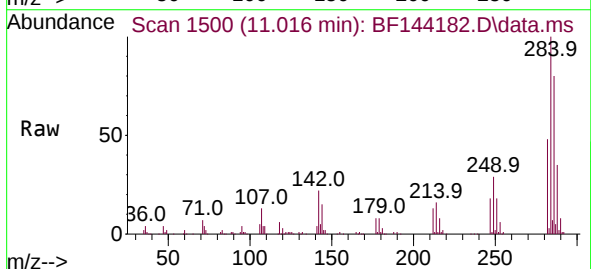
Tgt Ion:248 Resp: 157013
Ion Ratio Lower Upper
248 100
250 97.2 78.4 117.6
141 60.8 45.1 67.7

Manual Integrations
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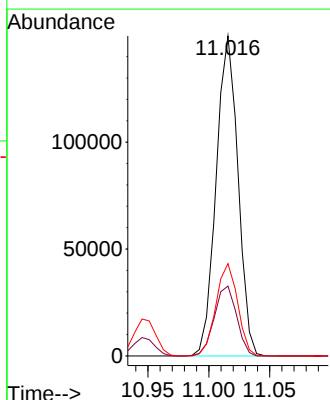
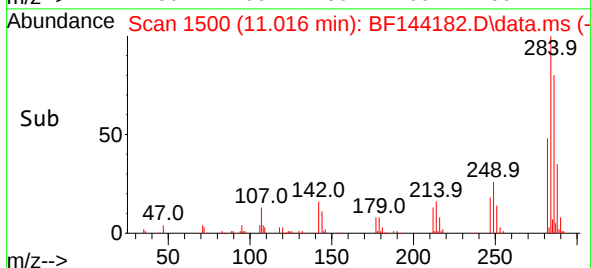
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

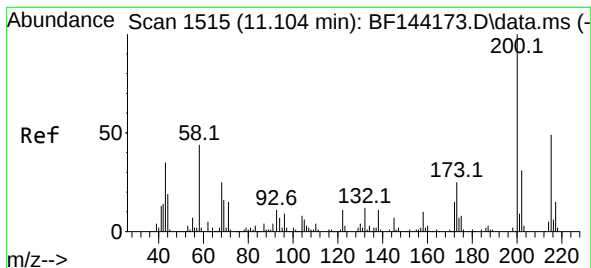


#68
Hexachlorobenzene
Concen: 46.702 ng
RT: 11.016 min Scan# 1500
Delta R.T. 0.006 min
Lab File: BF144182.D
Acq: 06 Nov 2025 12:12



Tgt Ion:284 Resp: 186865
Ion Ratio Lower Upper
284 100
142 21.8 19.2 28.8
249 28.8 23.8 35.8





#69

Atrazine

Concen: 48.893 ng

RT: 11.104 min Scan# 1515

Delta R.T. 0.006 min

Lab File: BF144182.D

Acq: 06 Nov 2025 12:12

Instrument :

BNA_F

ClientSampleId :

PB170402BS

Tgt Ion:200 Resp: 133096

Ion Ratio Lower Upper

200 100

173 25.9 5.0 45.0

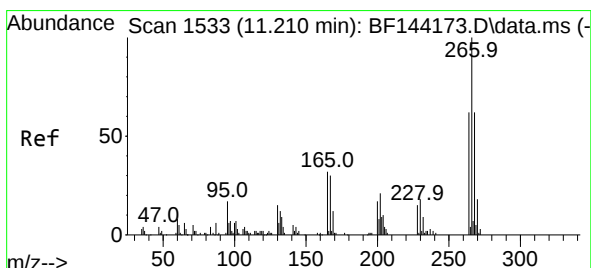
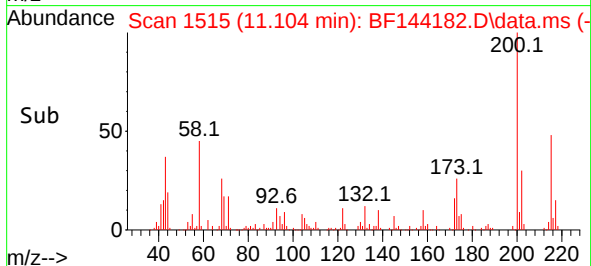
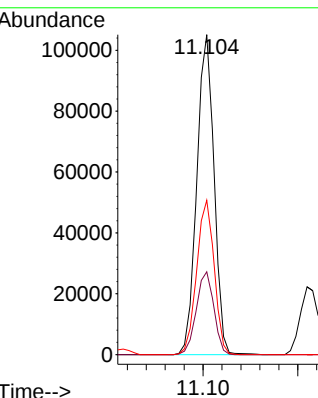
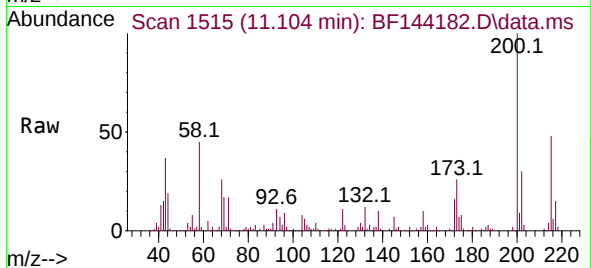
215 48.2 28.7 68.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/07/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#70

Pentachlorophenol

Concen: 98.695 ng

RT: 11.210 min Scan# 1533

Delta R.T. -0.006 min

Lab File: BF144182.D

Acq: 06 Nov 2025 12:12

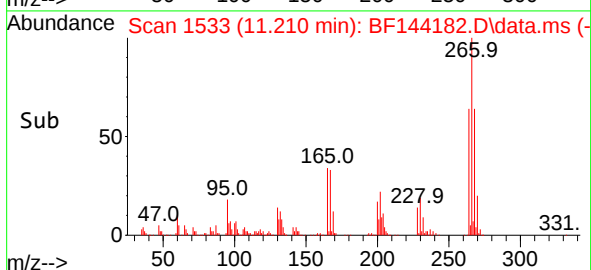
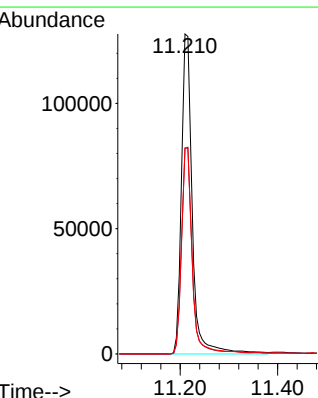
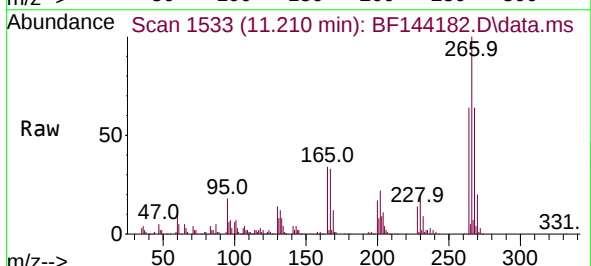
Tgt Ion:266 Resp: 196647

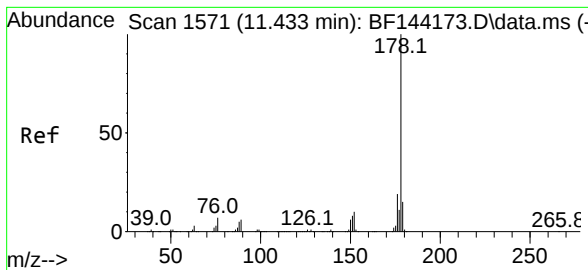
Ion Ratio Lower Upper

266 100

268 64.2 49.5 74.3

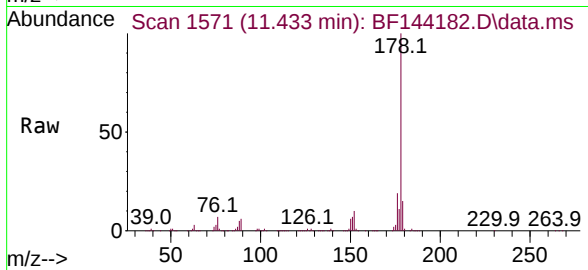
264 64.4 49.4 74.2





#71
 Phenanthrene
 Concen: 45.702 ng
 RT: 11.433 min Scan# 1571
 Delta R.T. 0.006 min
 Lab File: BF144182.D
 Acq: 06 Nov 2025 12:12

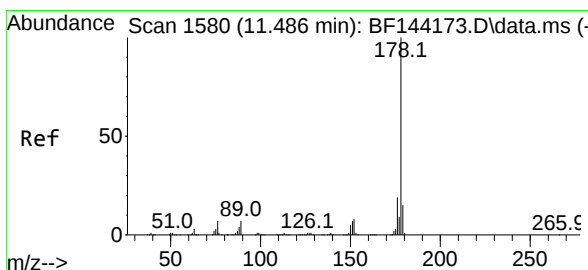
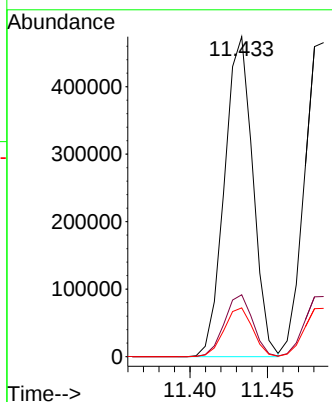
Instrument :
 BNA_F
 ClientSampleId :
 PB170402BS



Tgt Ion:178 Resp: 605590
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.5 23.3
 179 15.2 12.2 18.4

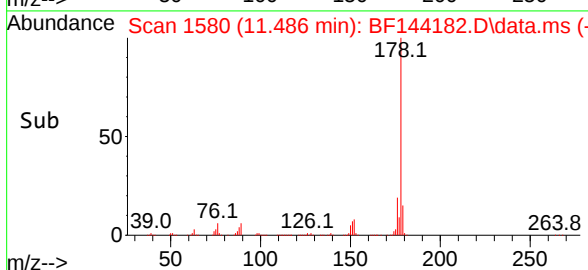
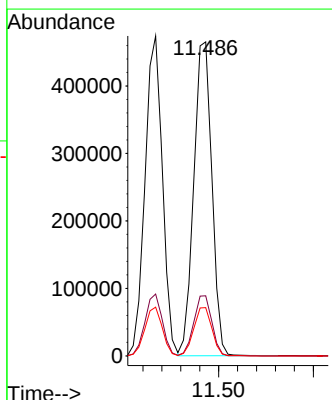
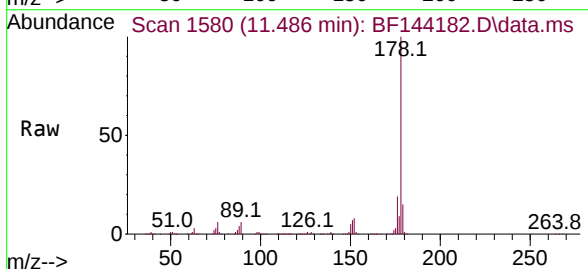
Manual Integrations
 APPROVED

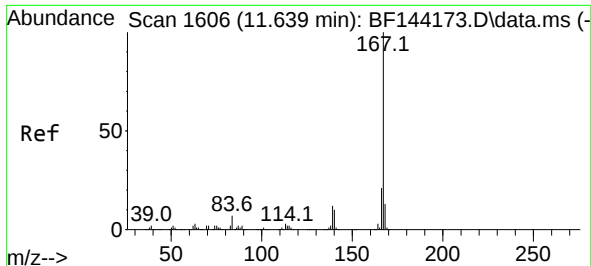
Reviewed By :Rahul Chavli 11/07/2025
 Supervised By :Jagrut Upadhyay 11/10/2025



#72
 Anthracene
 Concen: 45.754 ng
 RT: 11.486 min Scan# 1580
 Delta R.T. 0.006 min
 Lab File: BF144182.D
 Acq: 06 Nov 2025 12:12

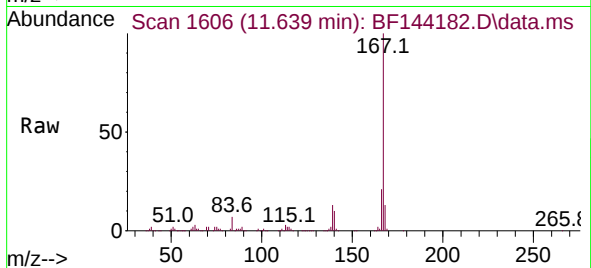
Tgt Ion:178 Resp: 616478
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.3 22.9
 179 15.4 12.0 18.0





#73
 Carbazole
 Concen: 44.757 ng
 RT: 11.639 min Scan# 1606
 Delta R.T. -0.000 min
 Lab File: BF144182.D
 Acq: 06 Nov 2025 12:12

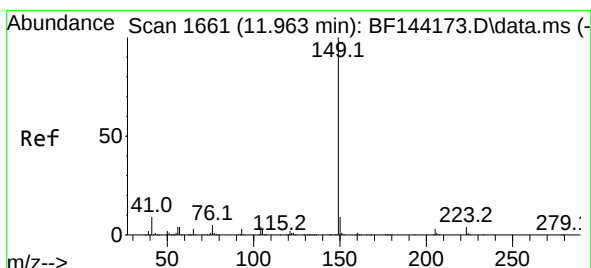
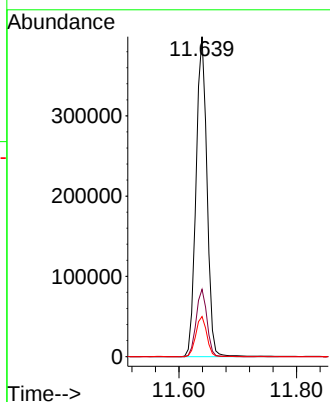
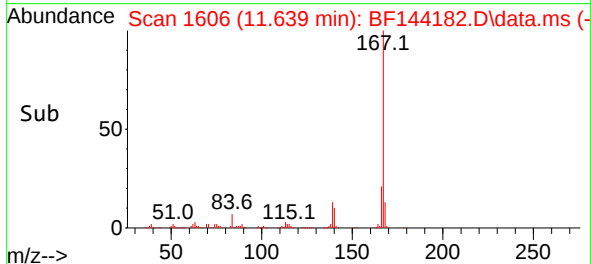
Instrument :
 BNA_F
 ClientSampleId :
 PB170402BS



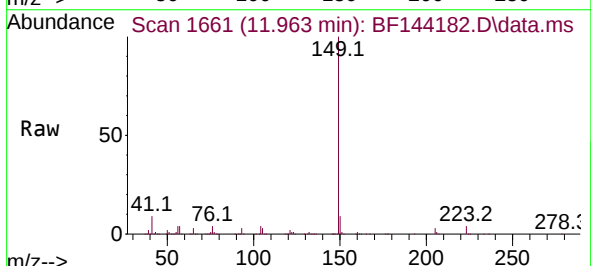
Tgt Ion:167 Resp: 512793
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.2 25.8
 139 12.5 9.9 14.9

Manual Integrations
 APPROVED

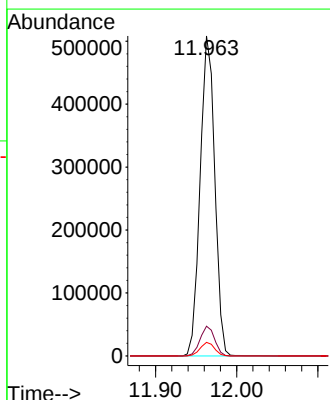
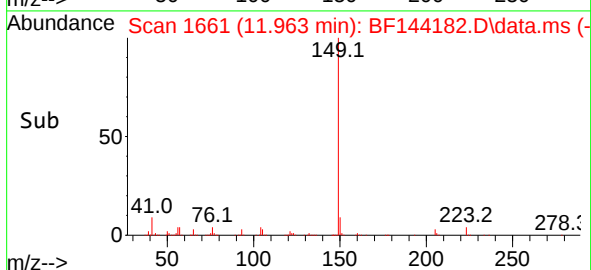
Reviewed By :Rahul Chavli 11/07/2025
 Supervised By :Jagrut Upadhyay 11/10/2025

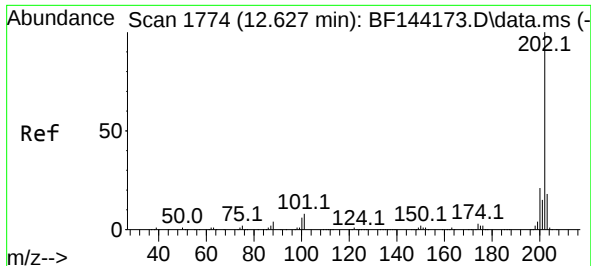


#74
 Di-n-butylphthalate
 Concen: 45.955 ng
 RT: 11.963 min Scan# 1661
 Delta R.T. -0.000 min
 Lab File: BF144182.D
 Acq: 06 Nov 2025 12:12



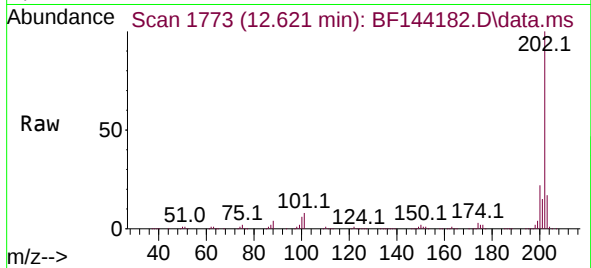
Tgt Ion:149 Resp: 636493
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 4.2 3.4 5.2





#75
Fluoranthene
Concen: 44.841 ng
RT: 12.621 min Scan# 1774
Delta R.T. -0.000 min
Lab File: BF144182.D
Acq: 06 Nov 2025 12:12

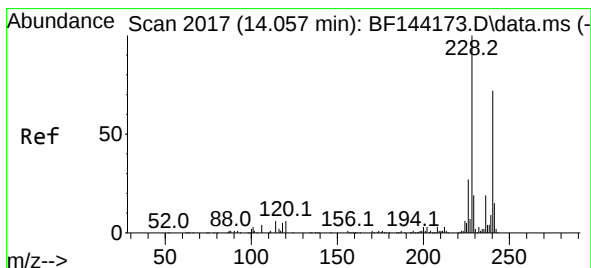
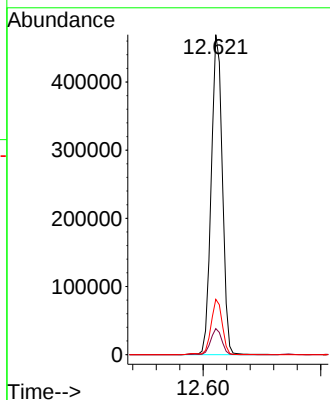
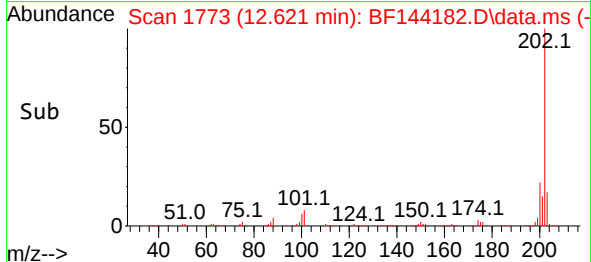
Instrument :
BNA_F
ClientSampleId :
PB170402BS



Tgt Ion:202 Resp: 613782
Ion Ratio Lower Upper
202 100
101 8.1 0.0 27.9
203 17.3 0.0 37.5

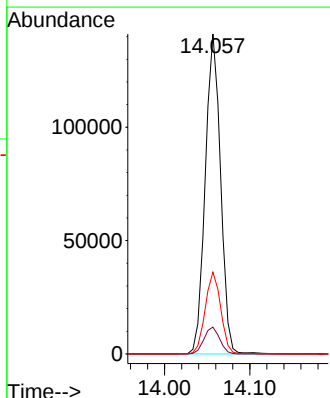
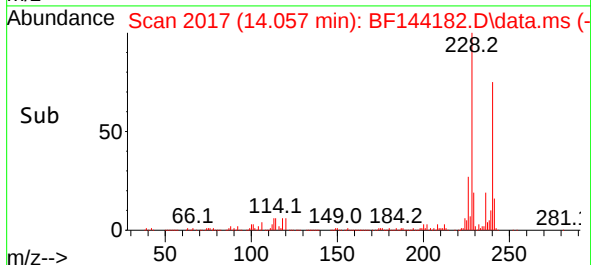
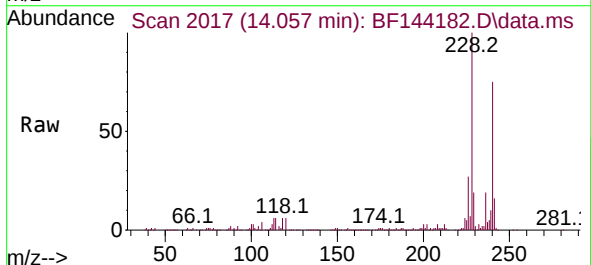
Manual Integrations
APPROVED

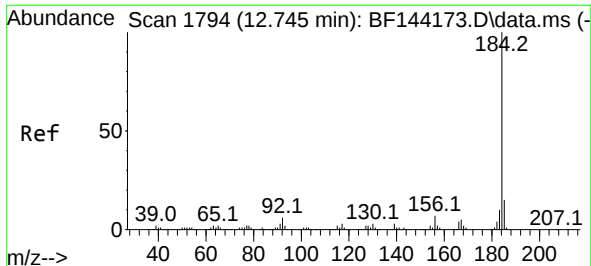
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BF144182.D
Acq: 06 Nov 2025 12:12

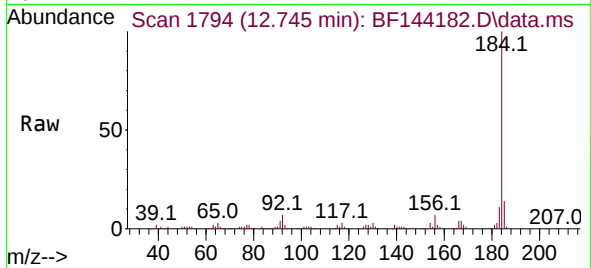
Tgt Ion:240 Resp: 175885
Ion Ratio Lower Upper
240 100
120 8.4 6.6 10.0
236 25.5 21.4 32.2





#77
Benzidine
Concen: 30.852 ng
RT: 12.745 min Scan# 1794
Delta R.T. -0.006 min
Lab File: BF144182.D
Acq: 06 Nov 2025 12:12

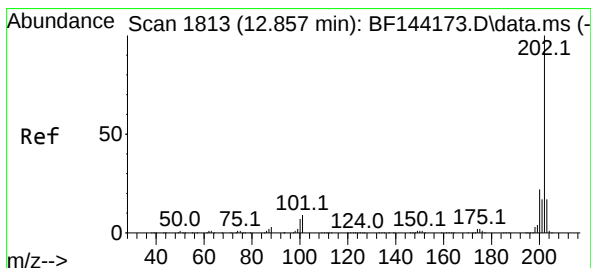
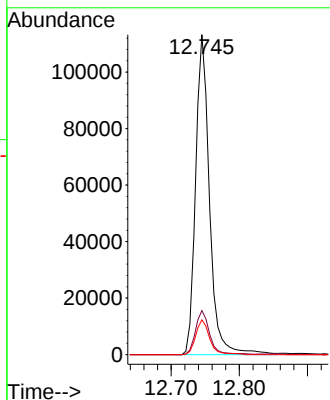
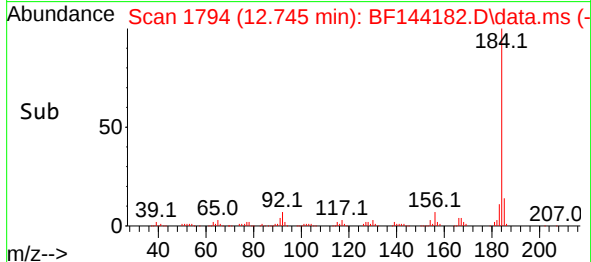
Instrument :
BNA_F
ClientSampleId :
PB170402BS



Tgt Ion:184 Resp: 160508
Ion Ratio Lower Upper
184 100
185 13.7 11.7 17.5
183 10.9 8.3 12.5

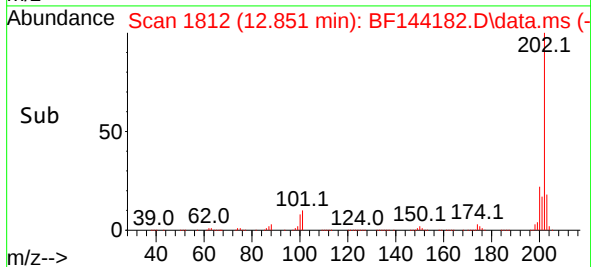
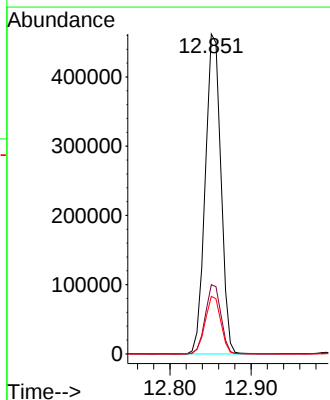
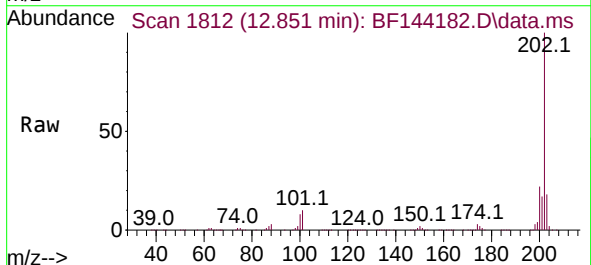
Manual Integrations
APPROVED

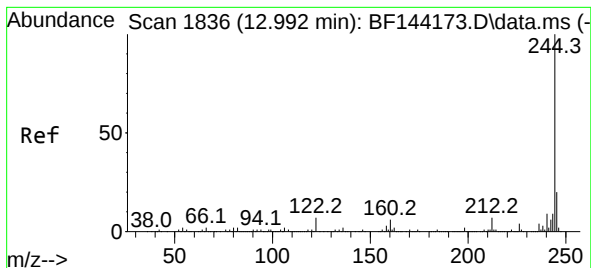
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#78
Pyrene
Concen: 43.670 ng
RT: 12.851 min Scan# 1812
Delta R.T. -0.000 min
Lab File: BF144182.D
Acq: 06 Nov 2025 12:12

Tgt Ion:202 Resp: 619297
Ion Ratio Lower Upper
202 100
200 21.6 17.2 25.8
203 18.0 13.7 20.5





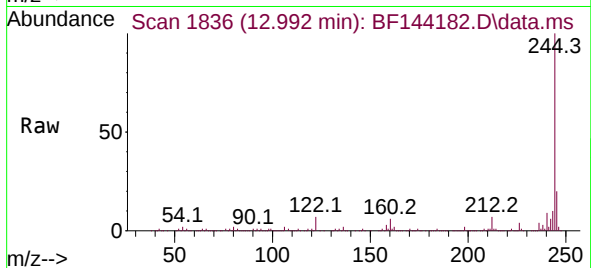
#79
 Terphenyl-d14
 Concen: 80.486 ng
 RT: 12.992 min Scan# 1836
 Delta R.T. -0.000 min
 Lab File: BF144182.D
 Acq: 06 Nov 2025 12:12

Instrument :

BNA_F

ClientSampleId :

PB170402BS



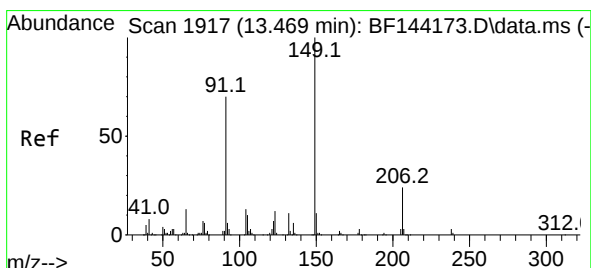
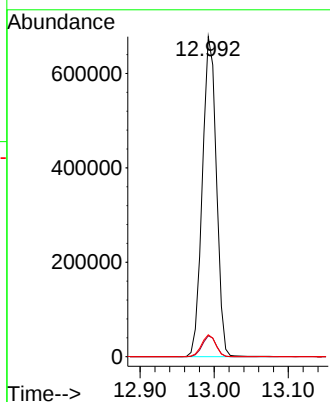
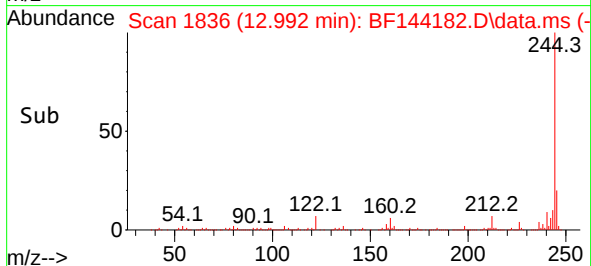
Tgt Ion:244 Resp: 891221
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.3 7.9
 122 6.8 5.6 8.4

Manual Integrations

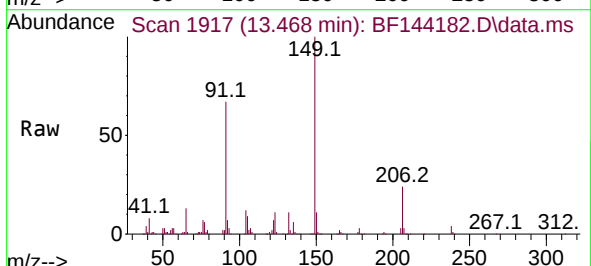
APPROVED

Reviewed By :Rahul Chavli 11/07/2025

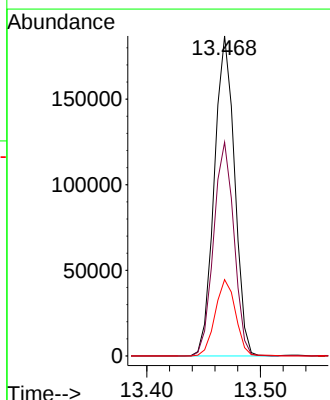
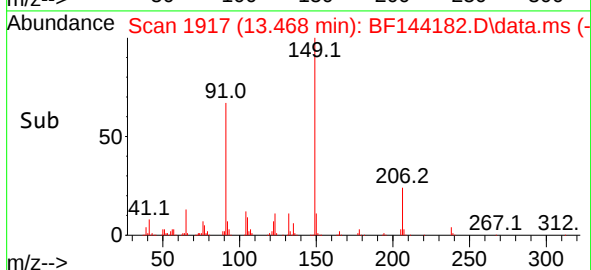
Supervised By :Jagrut Upadhyay 11/10/2025

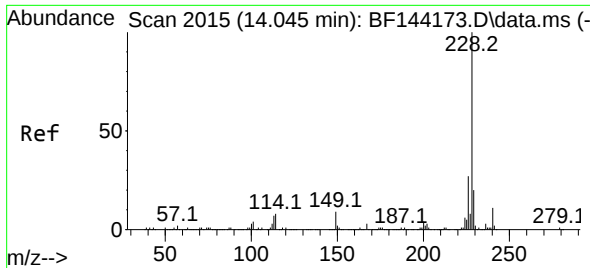


#80
 Butylbenzylphthalate
 Concen: 47.180 ng
 RT: 13.468 min Scan# 1917
 Delta R.T. -0.000 min
 Lab File: BF144182.D
 Acq: 06 Nov 2025 12:12



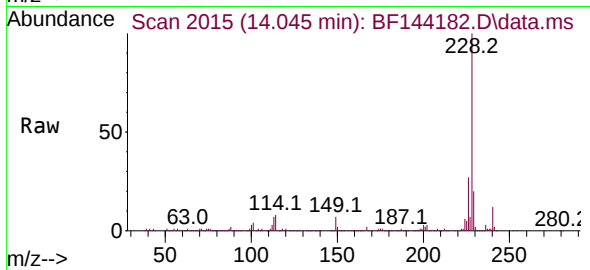
Tgt Ion:149 Resp: 231897
 Ion Ratio Lower Upper
 149 100
 91 66.8 56.1 84.1
 206 23.8 18.8 28.2





#81
Benzo(a)anthracene
Concen: 46.057 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BF144182.D
Acq: 06 Nov 2025 12:12

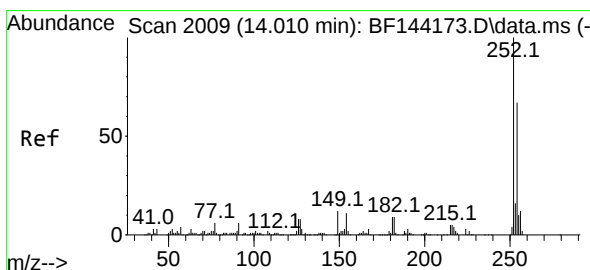
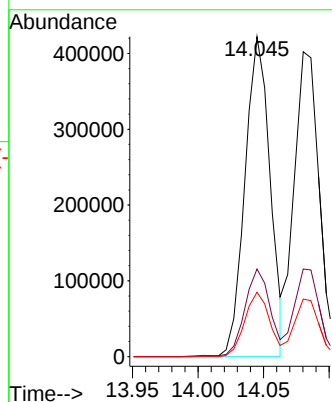
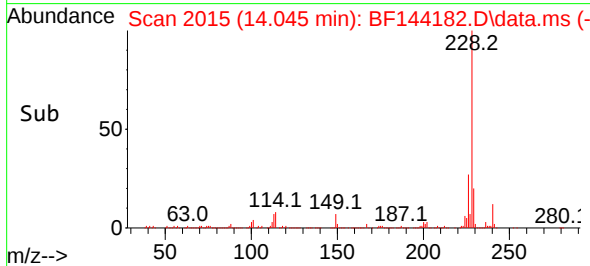
Instrument :
BNA_F
ClientSampleId :
PB170402BS



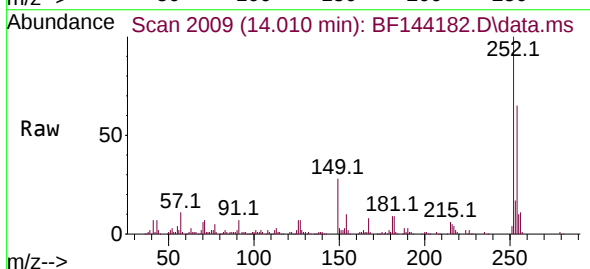
Tgt Ion:228 Resp: 561445
Ion Ratio Lower Upper
228 100
226 27.4 21.8 32.8
229 20.1 15.8 23.6

Manual Integrations
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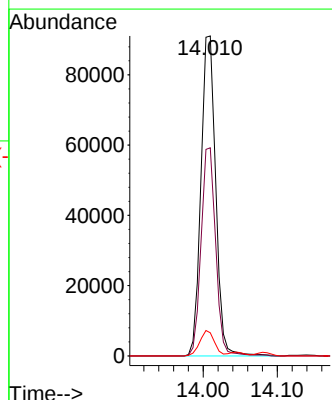
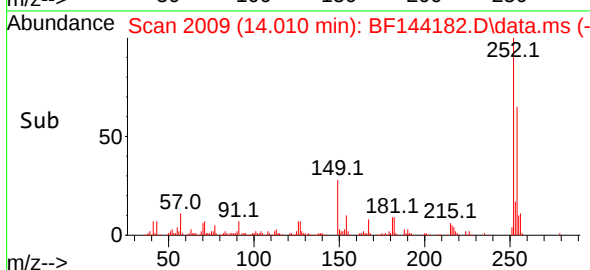
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

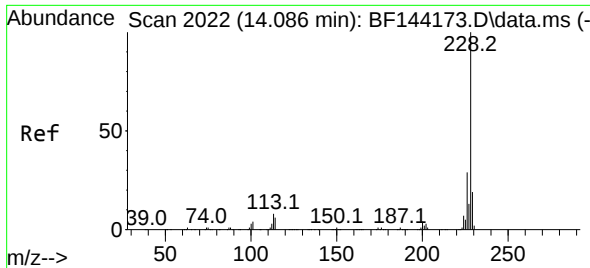


#82
3,3'-Dichlorobenzidine
Concen: 30.204 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF144182.D
Acq: 06 Nov 2025 12:12



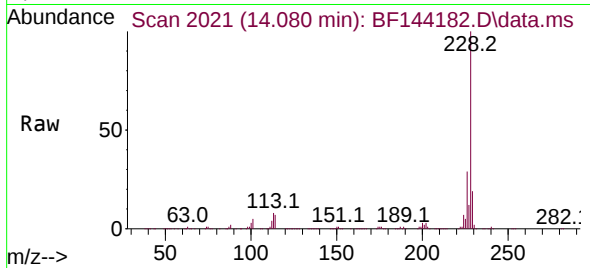
Tgt Ion:252 Resp: 126207
Ion Ratio Lower Upper
252 100
254 65.0 53.5 80.3
126 7.2 6.4 9.6





#83
Chrysene
Concen: 47.233 ng
RT: 14.080 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BF144182.D
Acq: 06 Nov 2025 12:12

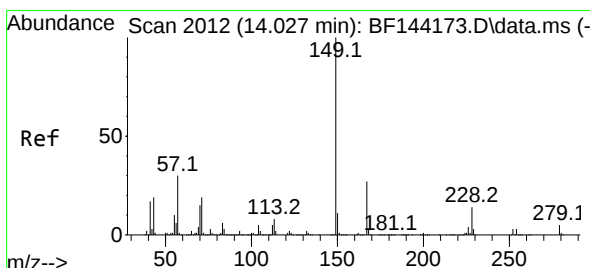
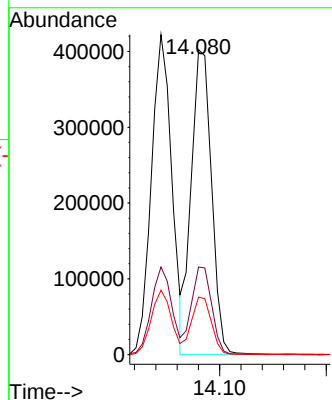
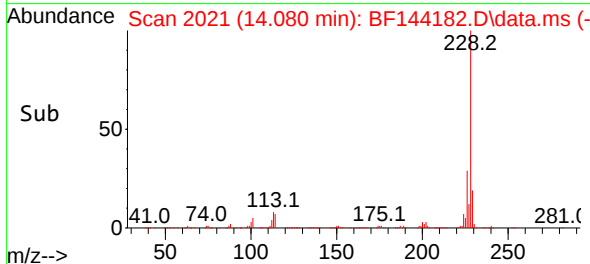
Instrument :
BNA_F
ClientSampleId :
PB170402BS



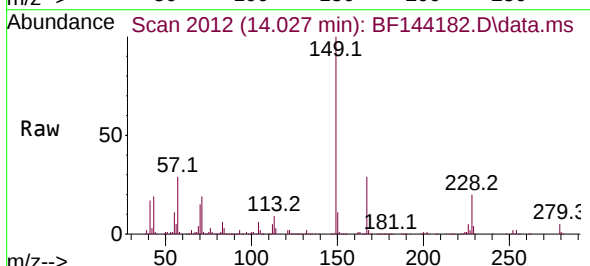
Tgt Ion:228 Resp: 531513
Ion Ratio Lower Upper
228 100
226 28.7 22.9 34.3
229 18.8 15.0 22.6

Manual Integrations
APPROVED

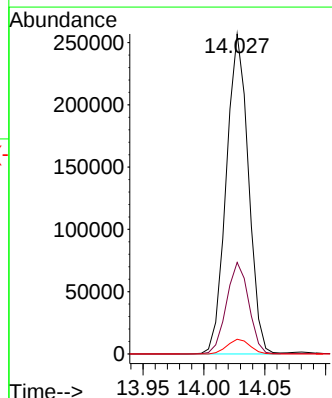
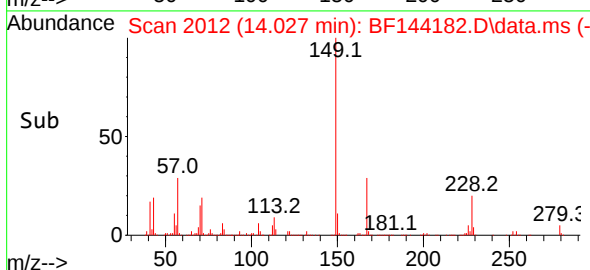
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

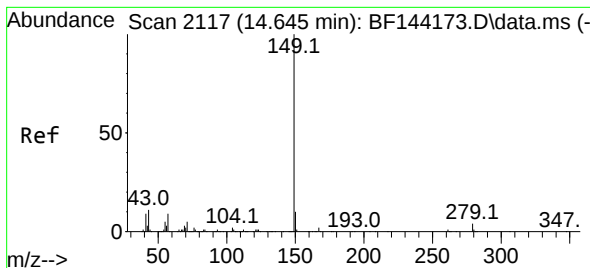


#84
Bis(2-ethylhexyl)phthalate
Concen: 48.309 ng
RT: 14.027 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BF144182.D
Acq: 06 Nov 2025 12:12



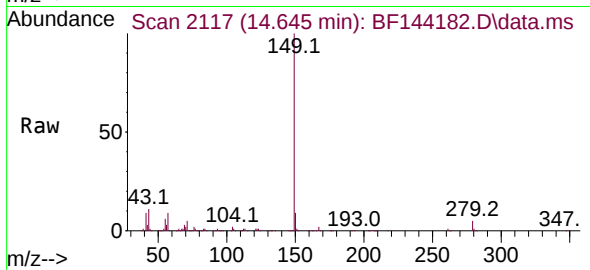
Tgt Ion:149 Resp: 325045
Ion Ratio Lower Upper
149 100
167 28.6 21.8 32.8
279 4.6 3.7 5.5





#85
Di-n-octyl phthalate
Concen: 48.503 ng
RT: 14.645 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BF144182.D
Acq: 06 Nov 2025 12:12

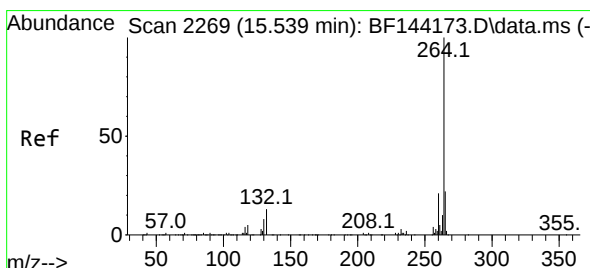
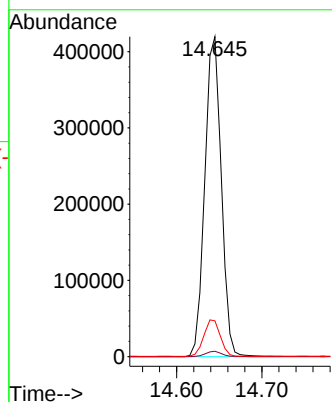
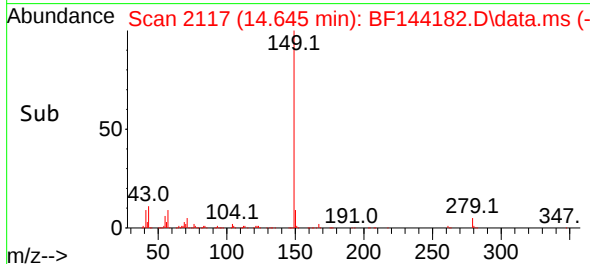
Instrument :
BNA_F
ClientSampleId :
PB170402BS



Tgt Ion:149 Resp: 563065
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 11.4 9.0 13.4

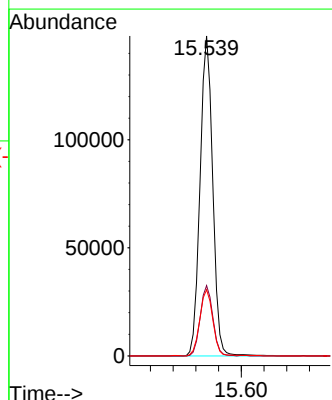
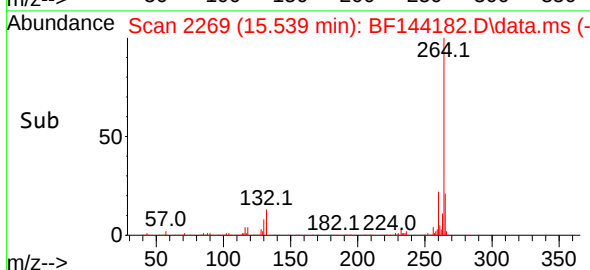
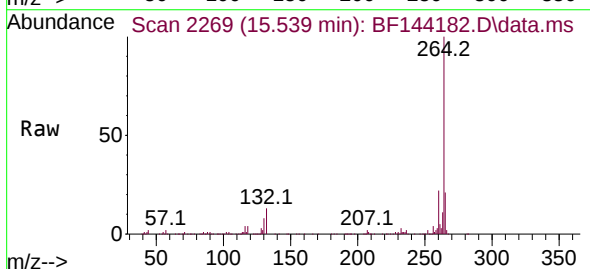
Manual Integrations
APPROVED

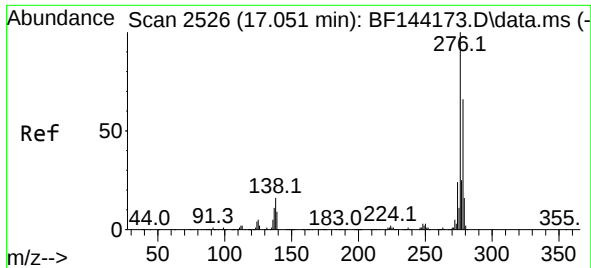
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BF144182.D
Acq: 06 Nov 2025 12:12

Tgt Ion:264 Resp: 228259
Ion Ratio Lower Upper
264 100
260 22.0 17.1 25.7
265 20.7 17.4 26.0





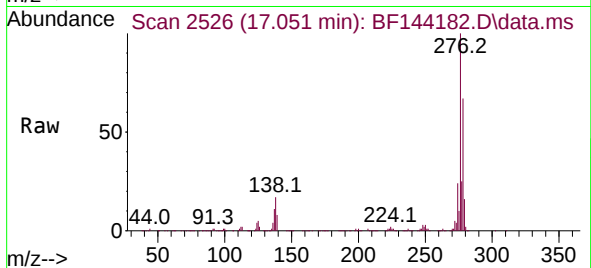
#87
Indeno(1,2,3-cd)pyrene
Concen: 47.150 ng
RT: 17.051 min Scan# 2195
Delta R.T. 0.018 min
Lab File: BF144182.D
Acq: 06 Nov 2025 12:12

Instrument :

BNA_F

ClientSampleId :

PB170402BS

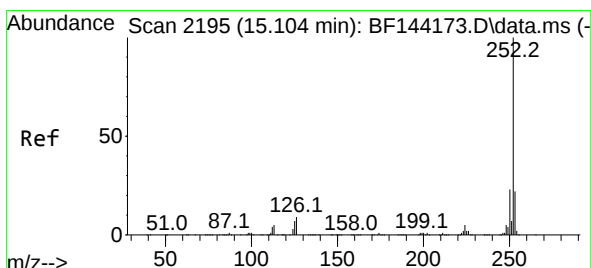
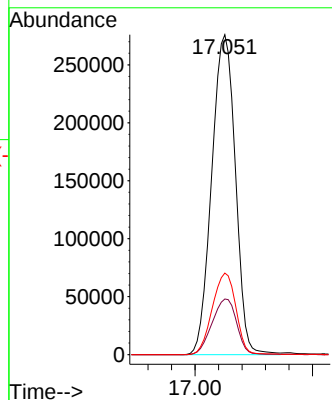
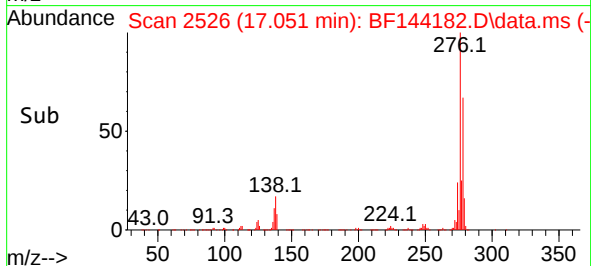


Tgt Ion:276 Resp: 772563
Ion Ratio Lower Upper
276 100
138 18.1 13.9 20.9
277 25.5 19.8 29.6

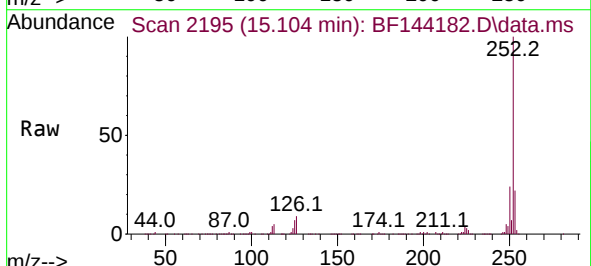
Manual Integrations

APPROVED

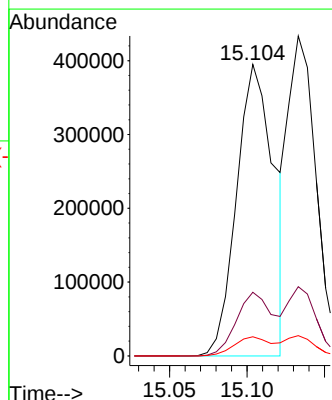
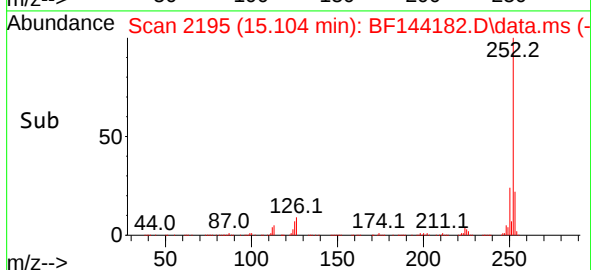
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

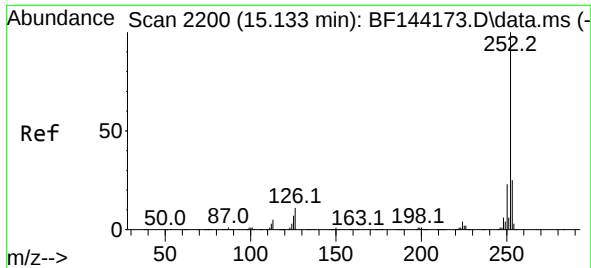


#88
Benzo(b)fluoranthene
Concen: 51.147 ng
RT: 15.104 min Scan# 2195
Delta R.T. 0.006 min
Lab File: BF144182.D
Acq: 06 Nov 2025 12:12



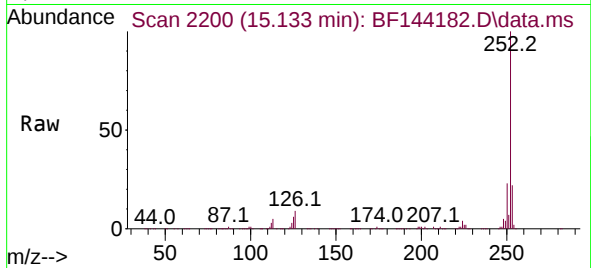
Tgt Ion:252 Resp: 663728
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 6.6 5.3 7.9





#89
Benzo(k)fluoranthene
Concen: 44.897 ng
RT: 15.133 min Scan# 2200
Delta R.T. 0.006 min
Lab File: BF144182.D
Acq: 06 Nov 2025 12:12

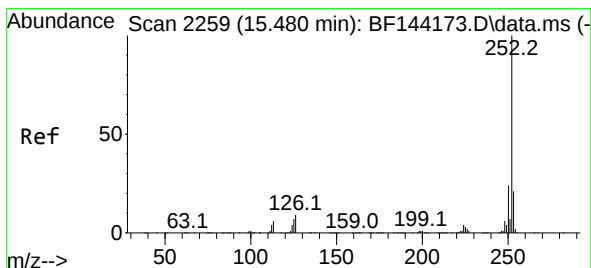
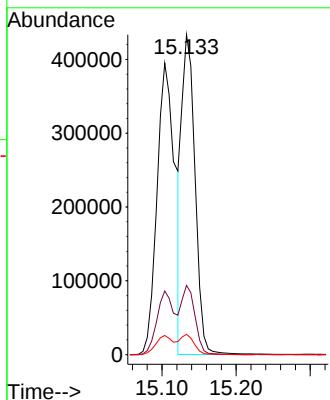
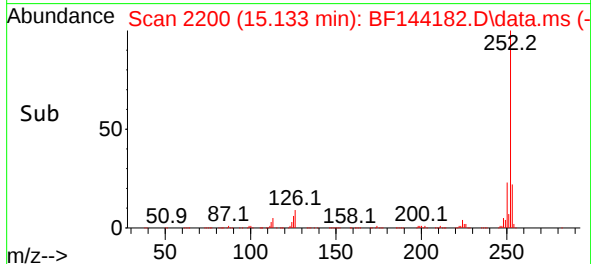
Instrument :
BNA_F
ClientSampleId :
PB170402BS



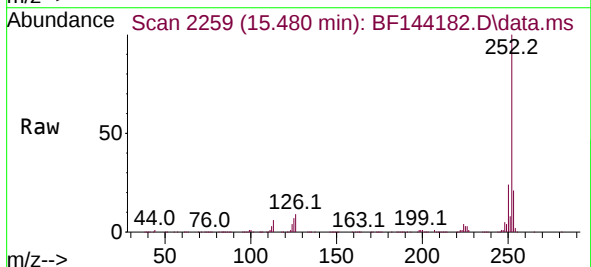
Tgt Ion:252 Resp: 545342
Ion Ratio Lower Upper
252 100
253 21.6 18.0 27.0
125 6.3 5.4 8.2

Manual Integrations
APPROVED

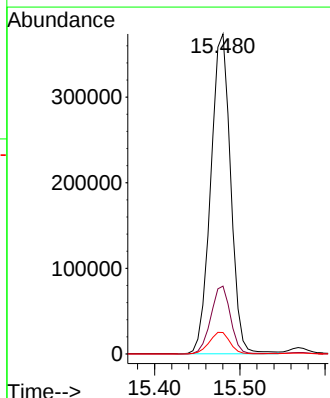
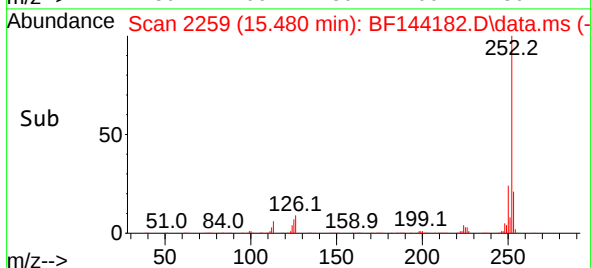
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

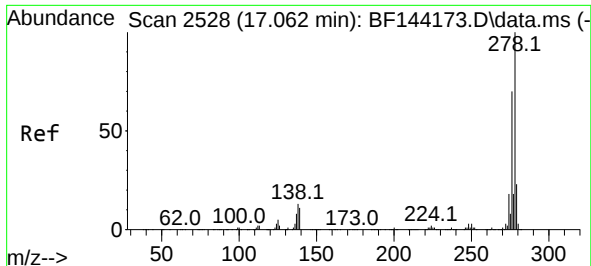


#90
Benzo(a)pyrene
Concen: 50.621 ng
RT: 15.480 min Scan# 2259
Delta R.T. 0.006 min
Lab File: BF144182.D
Acq: 06 Nov 2025 12:12



Tgt Ion:252 Resp: 606019
Ion Ratio Lower Upper
252 100
253 21.2 16.7 25.1
125 6.7 5.7 8.5





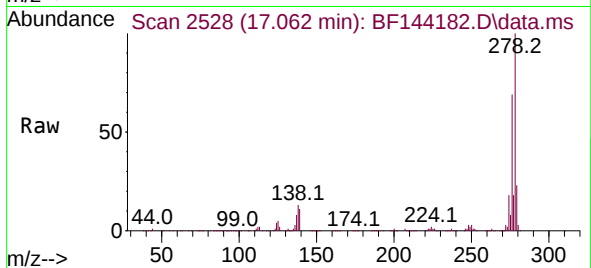
#91
Dibenzo(a,h)anthracene
Concen: 48.251 ng
RT: 17.062 min Scan# 2528
Delta R.T. 0.012 min
Lab File: BF144182.D
Acq: 06 Nov 2025 12:12

Instrument :

BNA_F

ClientSampleId :

PB170402BS



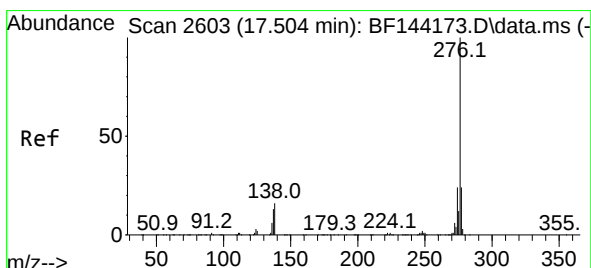
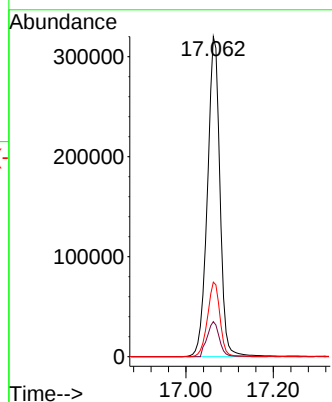
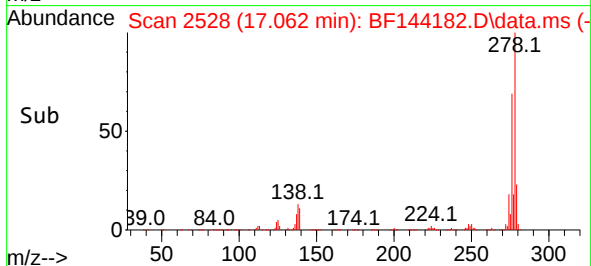
Tgt Ion:278 Resp: 634939
Ion Ratio Lower Upper
278 100
139 10.9 9.1 13.7
279 23.3 18.2 27.4

Manual Integrations

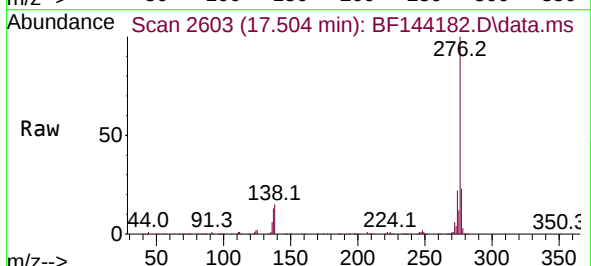
APPROVED

Reviewed By :Rahul Chavli 11/07/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#92
Benzo(g,h,i)perylene
Concen: 50.179 ng
RT: 17.504 min Scan# 2603
Delta R.T. 0.012 min
Lab File: BF144182.D
Acq: 06 Nov 2025 12:12



Tgt Ion:276 Resp: 652069
Ion Ratio Lower Upper
276 100
277 23.4 19.0 28.4
138 15.1 12.9 19.3

