

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
 Data File : BF144188.D
 Acq On : 06 Nov 2025 15:25
 Operator : RC/JU
 Sample : Q3532-05MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2MSD

Manual Integrations
 APPROVED

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

Quant Time: Nov 06 16:08:14 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	74519	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	277106	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	157457	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	249237	20.000	ng	0.00
76) Chrysene-d12	14.057	240	164871	20.000	ng	0.00
86) Perylene-d12	15.533	264	219505	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	304041	63.848	ng	0.00
7) Phenol-d6	6.504	99	364001	67.461	ng	0.00
23) Nitrobenzene-d5	7.434	82	204641	42.652	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	128087	64.825	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	419517	39.350	ng	0.00
79) Terphenyl-d14	12.986	244	384362	37.030	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.681	88	84139	42.737	ng	99
3) Pyridine	3.440	79	226443	41.227	ng	98
4) n-Nitrosodimethylamine	3.399	42	139062	48.470	ng	98
6) Aniline	6.534	93	206897	26.913	ng	93
8) 2-Chlorophenol	6.657	128	210804	45.140	ng	100
9) Benzaldehyde	6.428	77	135122	44.348	ng	98
10) Phenol	6.516	94	291363	44.197	ng	99
11) bis(2-Chloroethyl)ether	6.610	93	217861	45.353	ng	99
12) 1,3-Dichlorobenzene	6.816	146	262954	45.631	ng	98
13) 1,4-Dichlorobenzene	6.892	146	263543	45.649	ng	99
14) 1,2-Dichlorobenzene	7.045	146	250361	45.244	ng	99
15) Benzyl Alcohol	7.016	79	203306	47.585	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.145	45	413520	46.747	ng	99
17) 2-Methylphenol	7.128	107	172580	46.453	ng	98
18) Hexachloroethane	7.387	117	88218	45.993	ng	99
19) n-Nitroso-di-n-propyla...	7.281	70	156495	44.058	ng	94
20) 3+4-Methylphenols	7.281	107	196297	44.822	ng	92
22) Acetophenone	7.281	105	281088	47.285	ng	96
24) Nitrobenzene	7.457	77	242097	46.473	ng	98
25) Isophorone	7.692	82	432601	47.667	ng	99
26) 2-Nitrophenol	7.775	139	121933	47.283	ng	99
27) 2,4-Dimethylphenol	7.810	122	197306	51.047	ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	270933	47.807	ng	98
29) 2,4-Dichlorophenol	8.016	162	209231	46.967	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	220017	48.097	ng	97
31) Naphthalene	8.181	128	599766	45.500	ng	99
32) Benzoic acid	7.928	122	120700	42.602	ng	99
33) 4-Chloroaniline	8.228	127	52192	10.856	ng	98
34) Hexachlorobutadiene	8.292	225	156891	45.508	ng	98
35) Caprolactam	8.598	113	62326m	51.066	ng	
36) 4-Chloro-3-methylphenol	8.710	107	191651	48.003	ng	99
37) 2-Methylnaphthalene	8.869	142	379176	43.024	ng	98
38) 1-Methylnaphthalene	8.969	142	379048	44.574	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	235465	45.630	ng	99
41) Hexachlorocyclopentadiene	9.022	237	182948	87.499	ng	96
43) 2,4,6-Trichlorophenol	9.151	196	162678	46.317	ng	99

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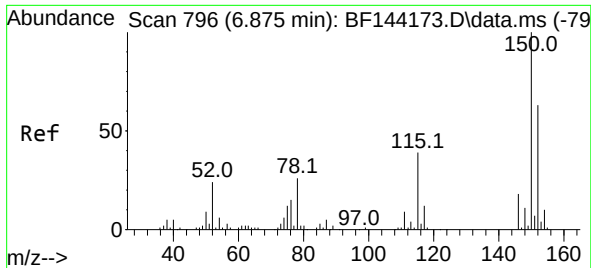
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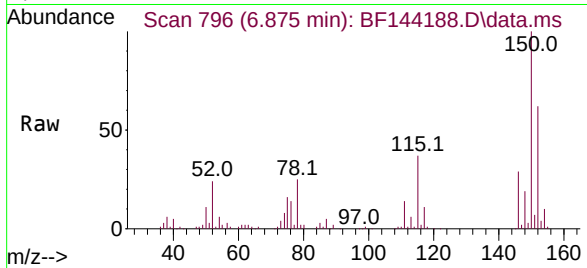
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	171970	45.430	ng	99
46) 1,1'-Biphenyl	9.333	154	507959	46.216	ng	100
47) 2-Chloronaphthalene	9.357	162	418322	44.619	ng	99
48) 2-Nitroaniline	9.457	65	131257	48.522	ng	97
49) Acenaphthylene	9.775	152	648559	50.763	ng	100
50) Dimethylphthalate	9.633	163	510436	48.934	ng	100
51) 2,6-Dinitrotoluene	9.698	165	104991	49.721	ng	100
52) Acenaphthene	9.951	154	369459	43.244	ng	99
53) 3-Nitroaniline	9.869	138	47725	20.675	ng	99
54) 2,4-Dinitrophenol	9.980	184	92162	72.278	ng	97
55) Dibenzofuran	10.122	168	542542	45.342	ng	100
56) 4-Nitrophenol	10.033	139	142295	85.219	ng	96
57) 2,4-Dinitrotoluene	10.104	165	141486	50.051	ng	98
58) Fluorene	10.463	166	413101	45.408	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	128754	48.075	ng	98
60) Diethylphthalate	10.333	149	462142	48.060	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	233124	44.985	ng	97
62) 4-Nitroaniline	10.486	138	98467	44.793	ng	96
63) Azobenzene	10.616	77	454015	50.732	ng	97
65) 4,6-Dinitro-2-methylph...	10.516	198	77252	45.626	ng	97
66) n-Nitrosodiphenylamine	10.575	169	413183	51.544	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	155704	48.944	ng	98
68) Hexachlorobenzene	11.016	284	181363	48.401	ng	96
69) Atrazine	11.104	200	136768	53.649	ng	98
70) Pentachlorophenol	11.210	266	169799	91.000	ng	99
71) Phenanthrene	11.427	178	585159	47.155	ng	99
72) Anthracene	11.480	178	588398	46.632	ng	99
73) Carbazole	11.639	167	505519	47.115	ng	99
74) Di-n-butylphthalate	11.963	149	633343	48.828	ng	99
75) Fluoranthene	12.621	202	560698	43.741	ng	99
77) Benzidine	12.745	184	210076	43.077	ng	99
78) Pyrene	12.851	202	564630	42.475	ng	100
80) Butylbenzylphthalate	13.469	149	204988	44.492	ng	96
81) Benzo(a)anthracene	14.045	228	545830	47.768	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	79721	20.354	ng	96
83) Chrysene	14.080	228	497107	47.126	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	257923	40.894	ng	98
85) Di-n-octyl phthalate	14.639	149	469383	43.134	ng	100
87) Indeno(1,2,3-cd)pyrene	17.045	276	659921	41.881	ng	99
88) Benzo(b)fluoranthene	15.104	252	577836	46.304	ng	99
89) Benzo(k)fluoranthene	15.133	252	579376	49.602	ng	99
90) Benzo(a)pyrene	15.474	252	572479	49.726	ng	99
91) Dibenzo(a,h)anthracene	17.057	278	539429	42.627	ng	99
92) Benzo(g,h,i)perylene	17.498	276	500115	40.020	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144188.D
Acq: 06 Nov 2025 15:25

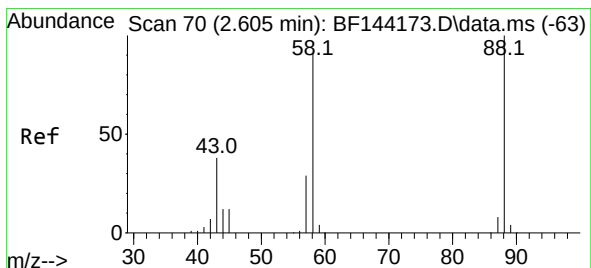
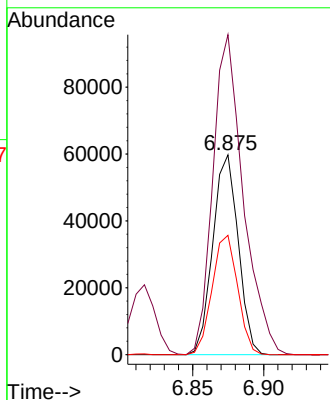
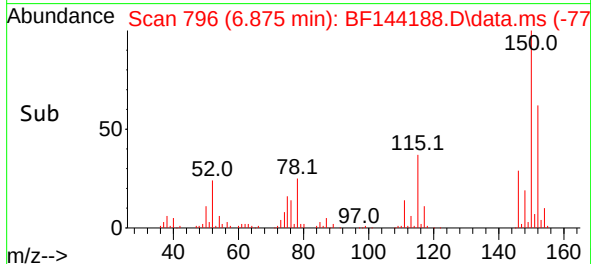
Instrument :
BNA_F
ClientSampleId :
TP-2MSD



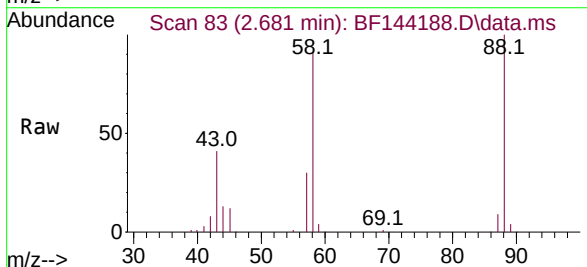
Tgt Ion:152 Resp: 74519
Ion Ratio Lower Upper
152 100
150 160.1 127.4 191.0
115 59.7 49.5 74.3

Manual Integrations
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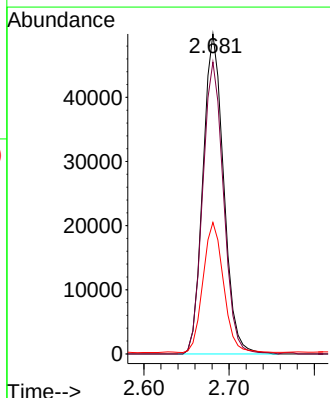
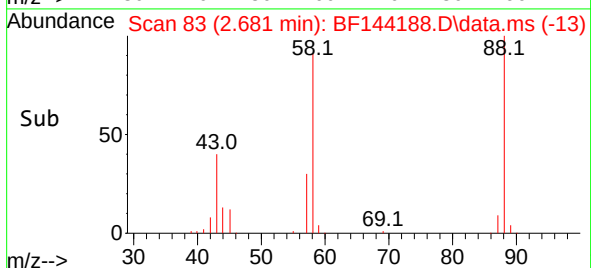
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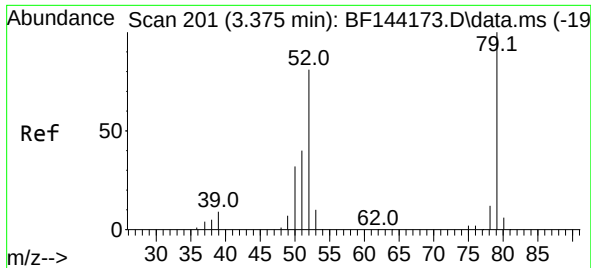


#2
1,4-Dioxane
Concen: 42.737 ng
RT: 2.681 min Scan# 83
Delta R.T. 0.065 min
Lab File: BF144188.D
Acq: 06 Nov 2025 15:25



Tgt Ion: 88 Resp: 84139
Ion Ratio Lower Upper
88 100
58 91.6 73.1 109.7
43 40.1 31.0 46.6





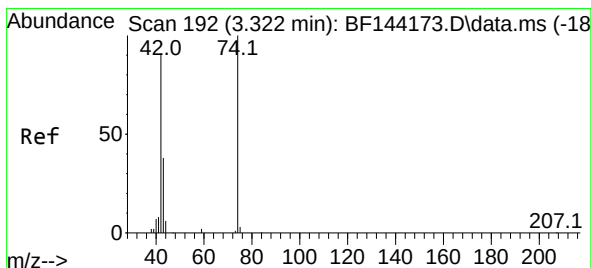
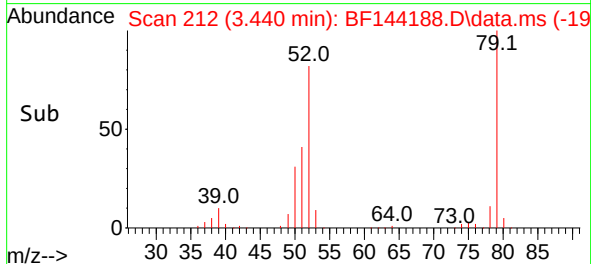
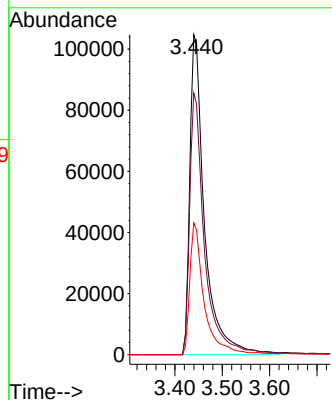
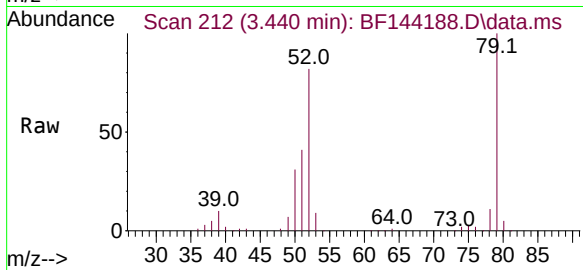
#3
Pyridine
Concen: 41.227 ng
RT: 3.440 min Scan# 21
Delta R.T. 0.029 min
Lab File: BF144188.D
Acq: 06 Nov 2025 15:25

Instrument :
BNA_F
ClientSampleId :
TP-2MSD

Tgt Ion: 79 Resp: 226443
Ion Ratio Lower Upper
79 100
52 81.7 64.5 96.7
51 41.2 31.7 47.5

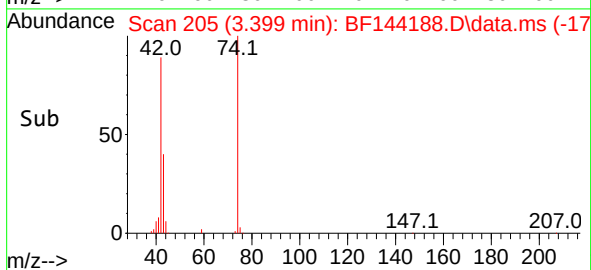
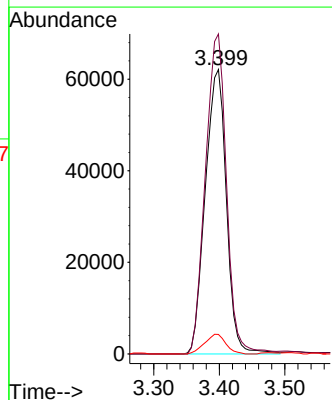
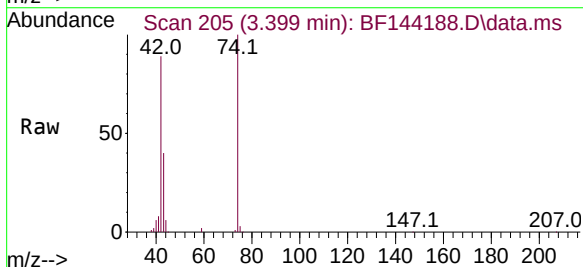
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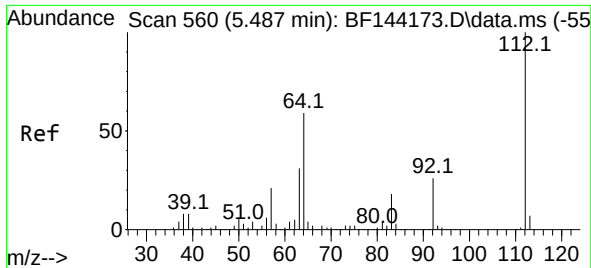
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#4
n-Nitrosodimethylamine
Concen: 48.470 ng
RT: 3.399 min Scan# 205
Delta R.T. 0.053 min
Lab File: BF144188.D
Acq: 06 Nov 2025 15:25

Tgt Ion: 42 Resp: 139062
Ion Ratio Lower Upper
42 100
74 112.5 88.2 132.4
44 6.8 5.7 8.5





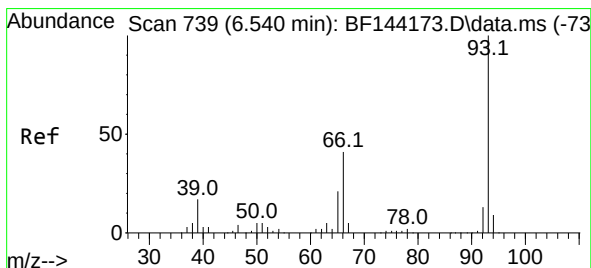
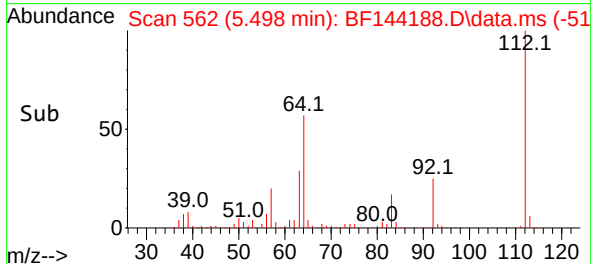
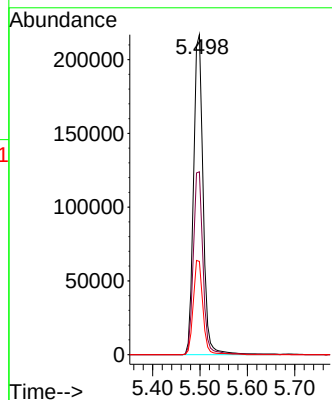
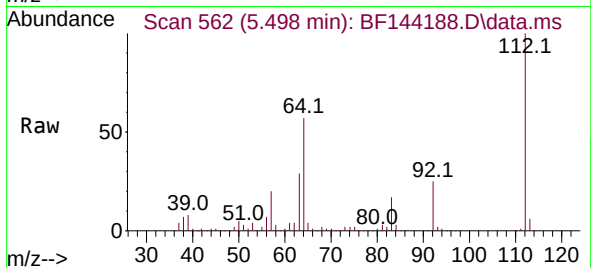
#5
2-Fluorophenol
Concen: 63.848 ng
RT: 5.498 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF144188.D
Acq: 06 Nov 2025 15:25

Instrument :
BNA_F
ClientSampleId :
TP-2MSD

Tgt Ion:112 Resp: 304041
Ion Ratio Lower Upper
112 100
64 57.1 47.2 70.8
63 29.1 24.4 36.6

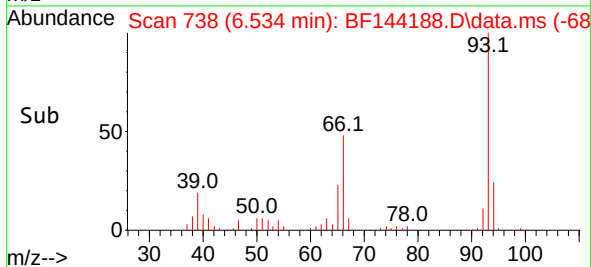
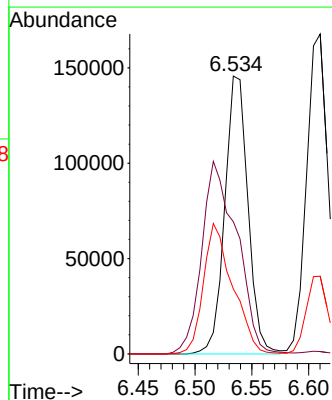
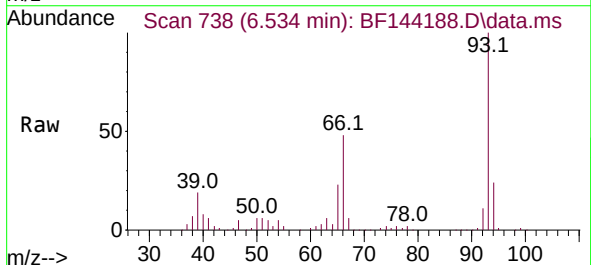
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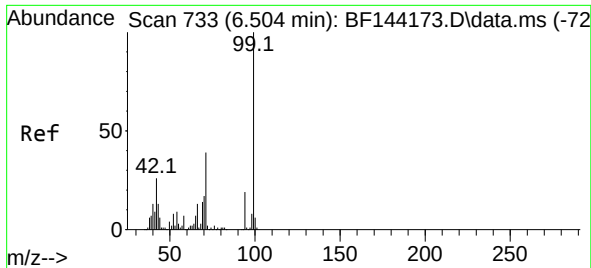
Reviewed By :Rahul Chavli 11/07/2025
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#6
Aniline
Concen: 26.913 ng
RT: 6.534 min Scan# 738
Delta R.T. -0.000 min
Lab File: BF144188.D
Acq: 06 Nov 2025 15:25

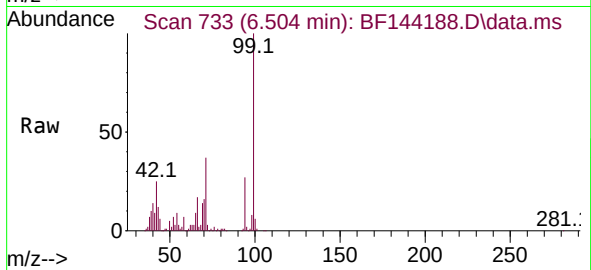
Tgt Ion: 93 Resp: 206897
Ion Ratio Lower Upper
93 100
66 47.6 34.3 51.5
65 23.4 16.9 25.3





#7
Phenol-d6
Concen: 67.461 ng
RT: 6.504 min Scan# 733
Delta R.T. 0.006 min
Lab File: BF144188.D
Acq: 06 Nov 2025 15:25

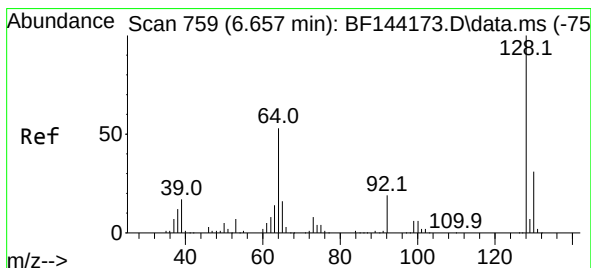
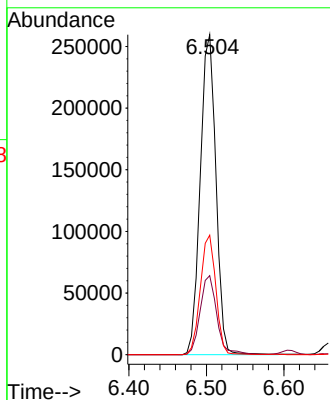
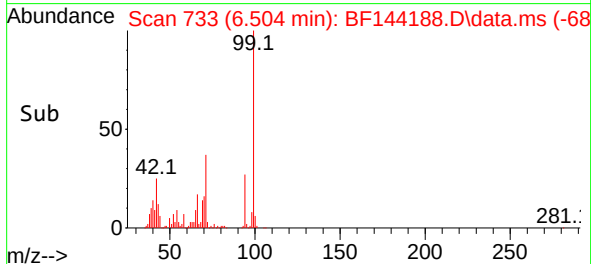
Instrument :
BNA_F
ClientSampleId :
TP-2MSD



Tgt Ion: 99 Resp: 36400
Ion Ratio Lower Upper
99 100
42 24.7 20.9 31.3
71 37.3 31.4 47.2

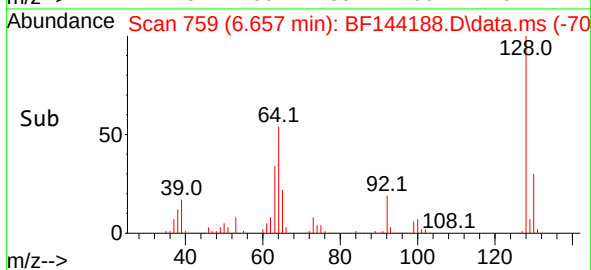
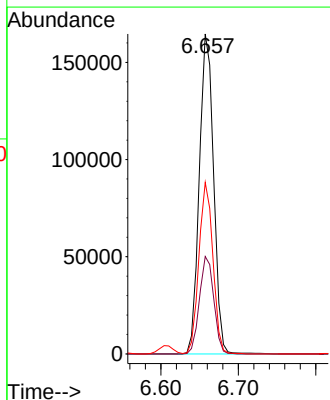
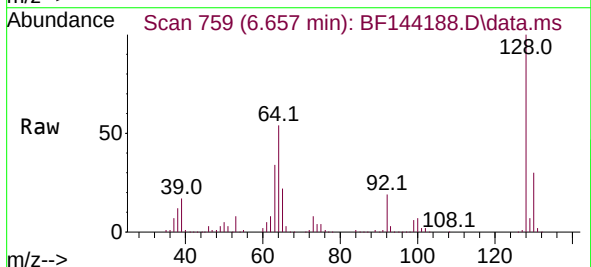
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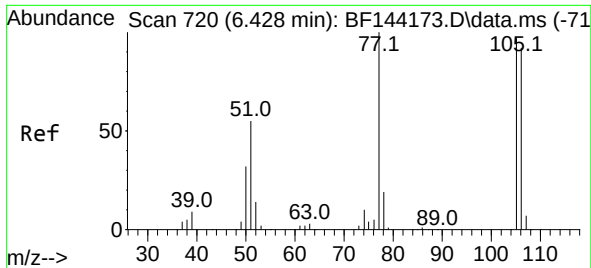
Reviewed By :Rahul Chavli 11/07/2025
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#8
2-Chlorophenol
Concen: 45.140 ng
RT: 6.657 min Scan# 759
Delta R.T. -0.000 min
Lab File: BF144188.D
Acq: 06 Nov 2025 15:25

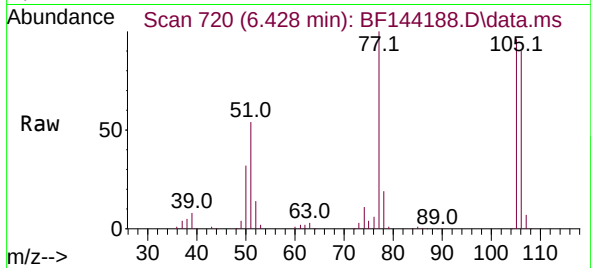
Tgt Ion:128 Resp: 210804
Ion Ratio Lower Upper
128 100
130 30.4 10.5 50.5
64 53.6 33.2 73.2





#9
Benzaldehyde
Concen: 44.348 ng
RT: 6.428 min Scan# 720
Delta R.T. 0.000 min
Lab File: BF144188.D
Acq: 06 Nov 2025 15:25

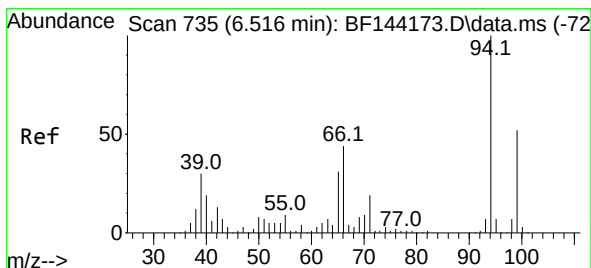
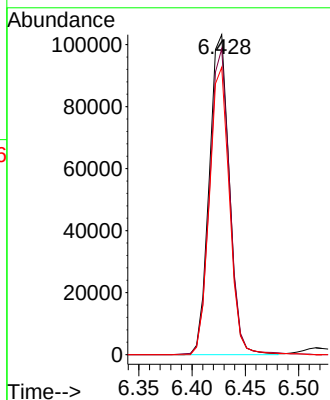
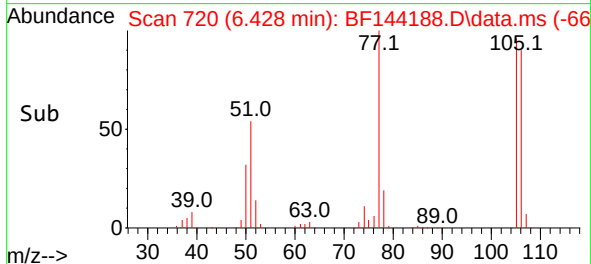
Instrument :
BNA_F
ClientSampleId :
TP-2MSD



Tgt Ion: 77 Resp: 13512
Ion Ratio Lower Upper
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105 95.6 77.2 117.2
106 89.8 72.2 112.2

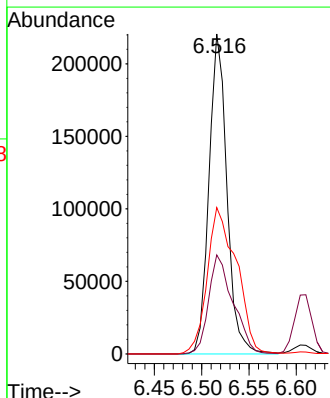
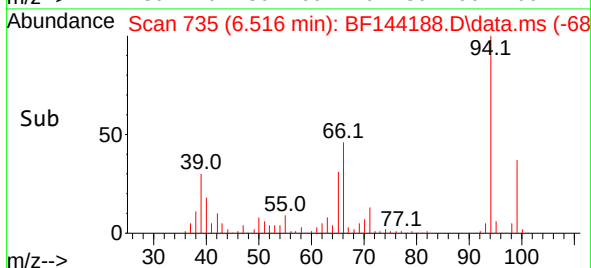
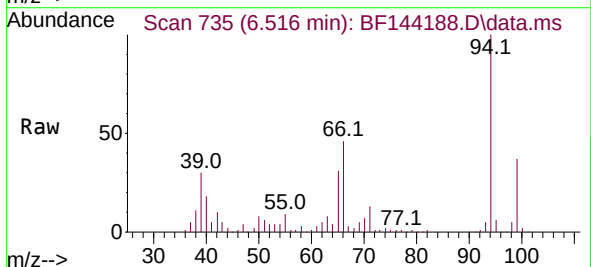
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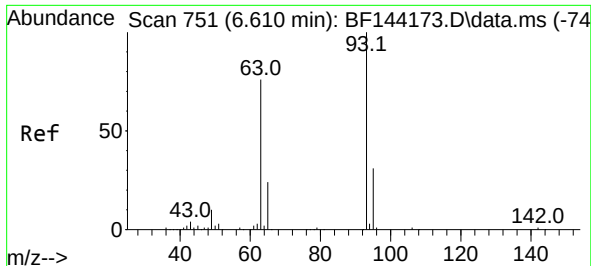
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#10
Phenol
Concen: 44.197 ng
RT: 6.516 min Scan# 735
Delta R.T. 0.006 min
Lab File: BF144188.D
Acq: 06 Nov 2025 15:25

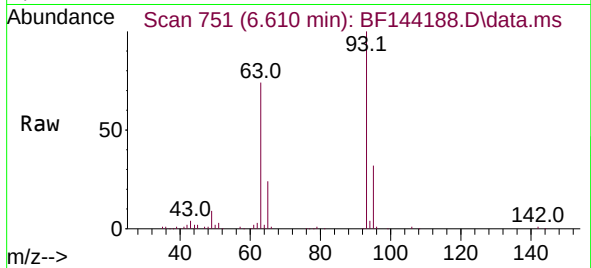
Tgt Ion: 94 Resp: 291363
Ion Ratio Lower Upper
94 100
65 31.0 10.8 50.8
66 45.8 24.3 64.3





#11
bis(2-Chloroethyl)ether
Concen: 45.353 ng
RT: 6.610 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF144188.D
Acq: 06 Nov 2025 15:25

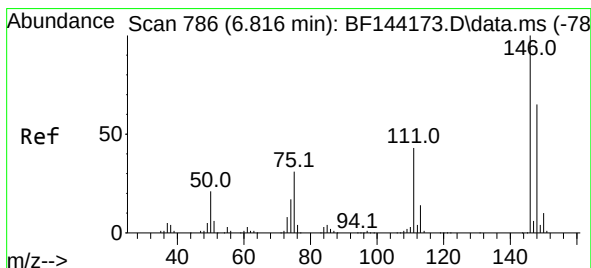
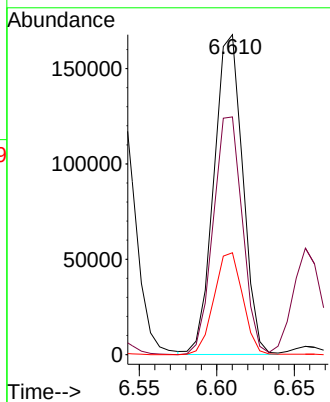
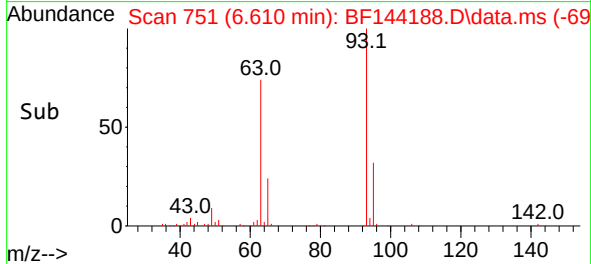
Instrument :
BNA_F
ClientSampleId :
TP-2MSD



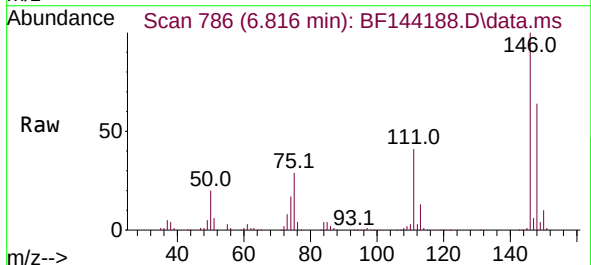
Tgt Ion: 93 Resp: 217863
Ion Ratio Lower Upper
93 100
63 74.3 55.2 95.2
95 31.8 11.2 51.2

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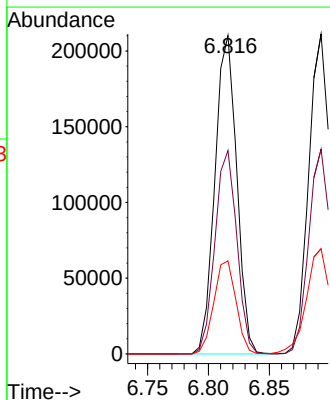
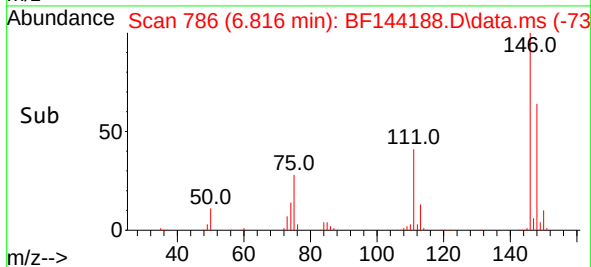
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

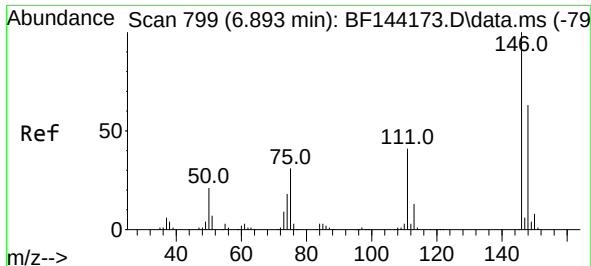


#12
1,3-Dichlorobenzene
Concen: 45.631 ng
RT: 6.816 min Scan# 786
Delta R.T. -0.000 min
Lab File: BF144188.D
Acq: 06 Nov 2025 15:25



Tgt Ion:146 Resp: 262954
Ion Ratio Lower Upper
146 100
148 63.9 51.8 77.8
75 29.2 25.0 37.4





#13

1,4-Dichlorobenzene

Concen: 45.649 ng

RT: 6.892 min Scan# 799

Delta R.T. -0.000 min

Lab File: BF144188.D

Acq: 06 Nov 2025 15:25

Instrument :

BNA_F

ClientSampleId :

TP-2MSD

Tgt Ion:146 Resp: 26354

Ion Ratio Lower Upper

146 100

148 64.0 50.2 75.2

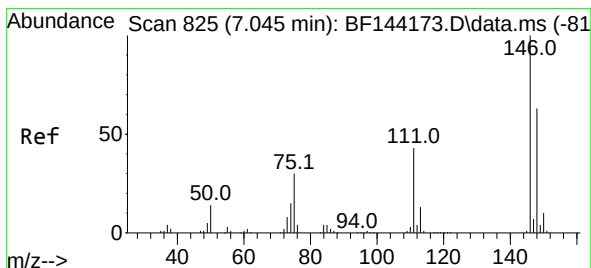
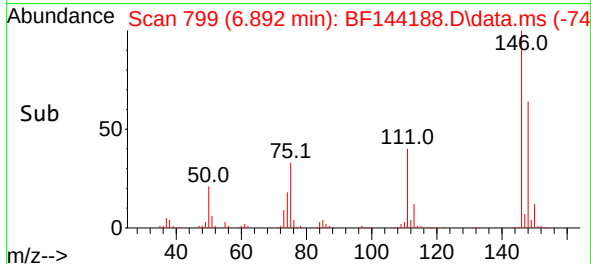
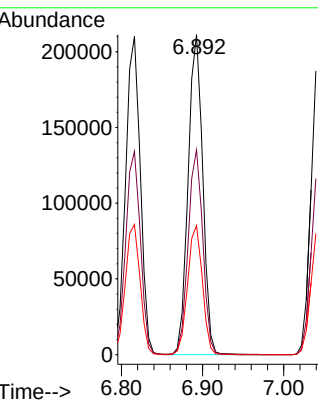
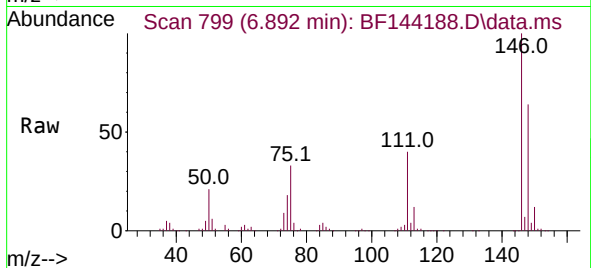
111 40.3 32.6 48.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/07/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#14

1,2-Dichlorobenzene

Concen: 45.244 ng

RT: 7.045 min Scan# 825

Delta R.T. -0.000 min

Lab File: BF144188.D

Acq: 06 Nov 2025 15:25

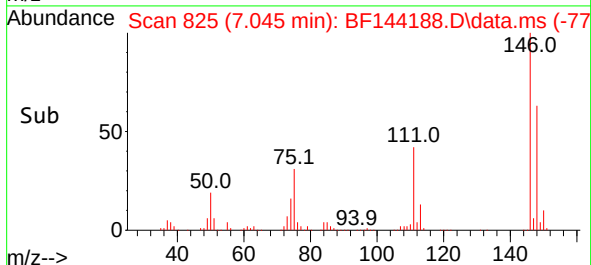
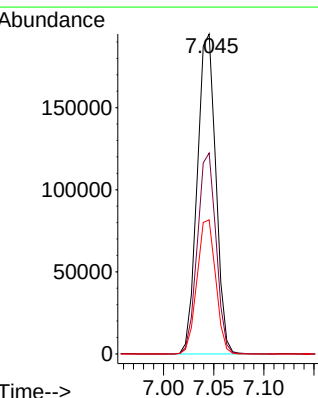
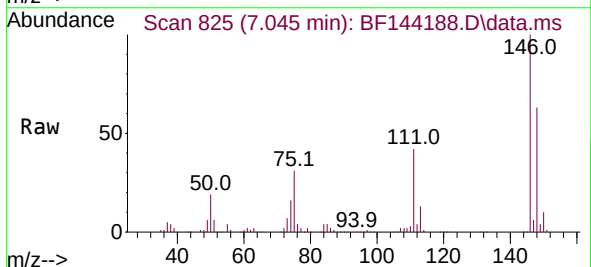
Tgt Ion:146 Resp: 250361

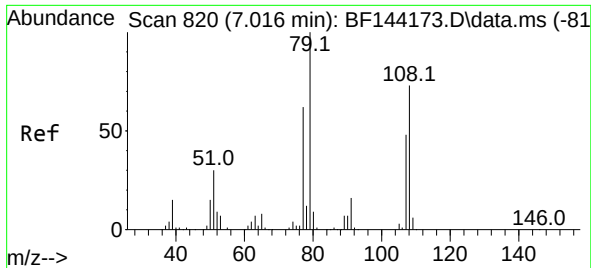
Ion Ratio Lower Upper

146 100

148 62.8 50.7 76.1

111 41.9 34.2 51.4





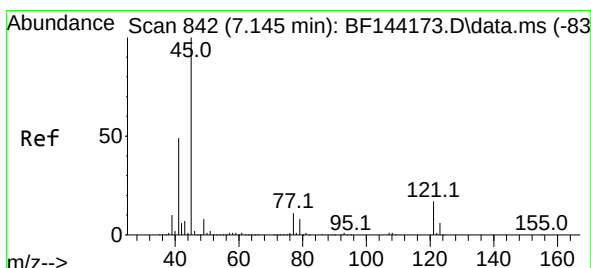
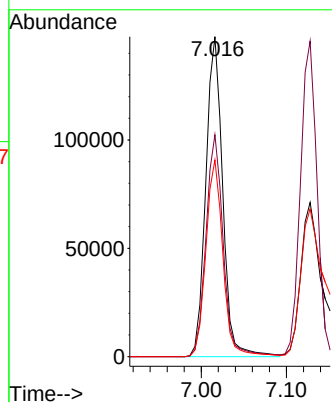
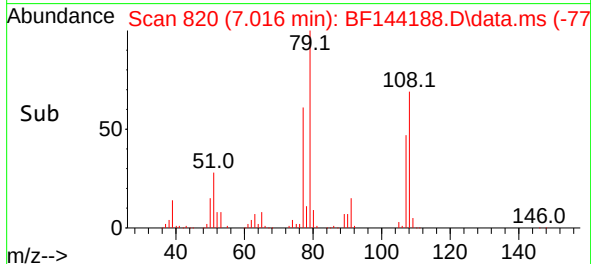
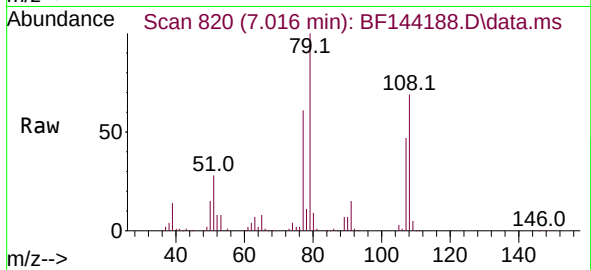
#15
Benzyl Alcohol
Concen: 47.585 ng
RT: 7.016 min Scan# 820
Delta R.T. -0.006 min
Lab File: BF144188.D
Acq: 06 Nov 2025 15:25

Instrument :
BNA_F
ClientSampleId :
TP-2MSD

Tgt Ion: 79 Resp: 203306
Ion Ratio Lower Upper
79 100
108 69.3 58.2 87.4
77 61.5 49.9 74.9

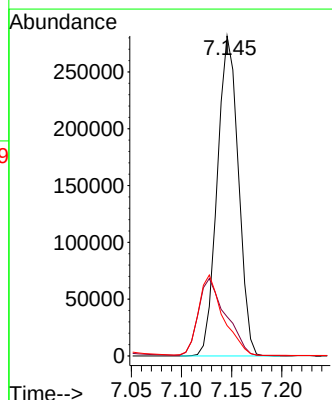
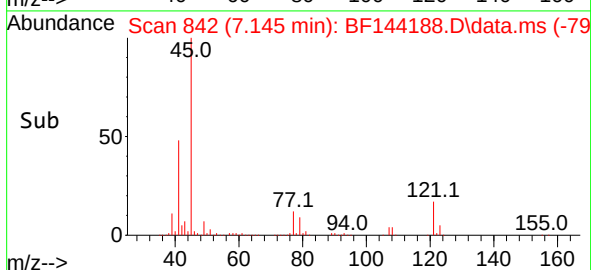
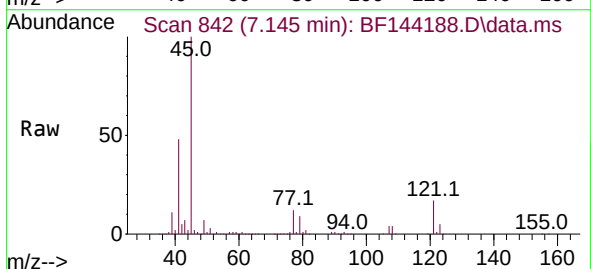
Manual Integrations
APPROVED

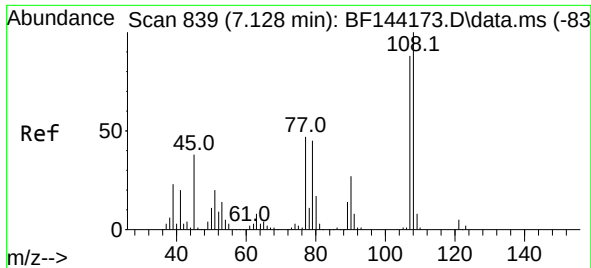
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.747 ng
RT: 7.145 min Scan# 842
Delta R.T. 0.006 min
Lab File: BF144188.D
Acq: 06 Nov 2025 15:25

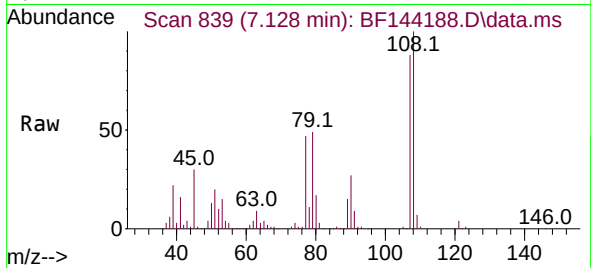
Tgt Ion: 45 Resp: 413520
Ion Ratio Lower Upper
45 100
77 12.2 0.0 31.8
79 9.5 0.0 29.1





#17
2-Methylphenol
Concen: 46.453 ng
RT: 7.128 min Scan# 839
Delta R.T. 0.006 min
Lab File: BF144188.D
Acq: 06 Nov 2025 15:25

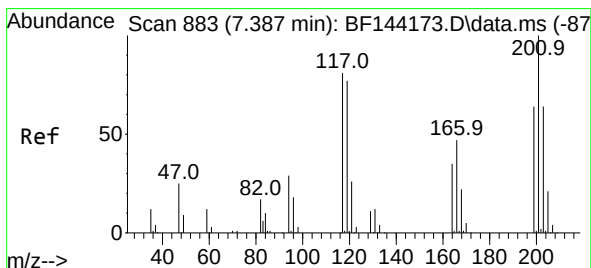
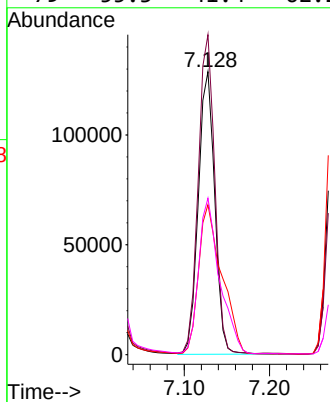
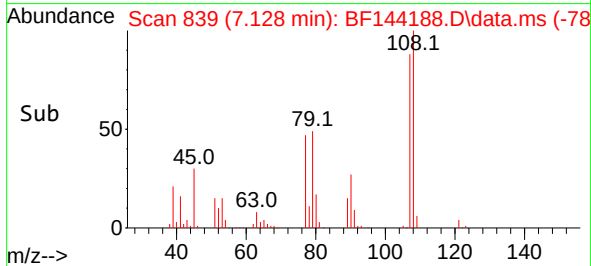
Instrument :
BNA_F
ClientSampleId :
TP-2MSD



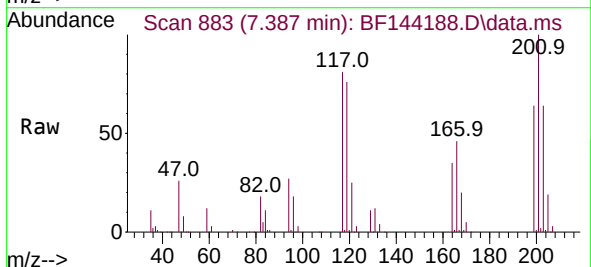
Tgt Ion:107 Resp: 172586
Ion Ratio Lower Upper
107 100
108 113.1 91.0 136.4
77 52.9 42.7 64.1
79 55.3 41.4 62.2

Manual Integrations
APPROVED

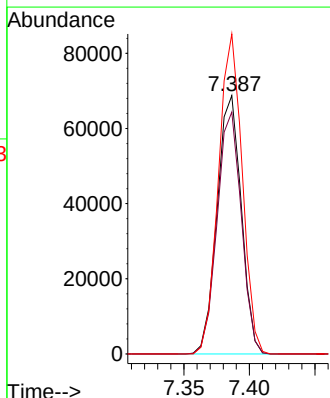
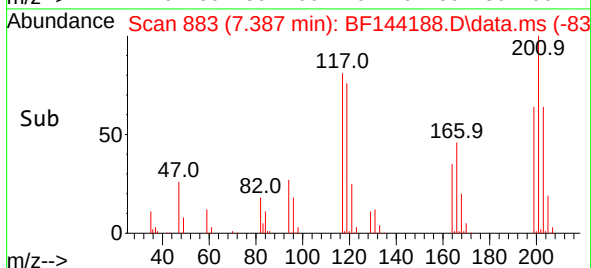
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

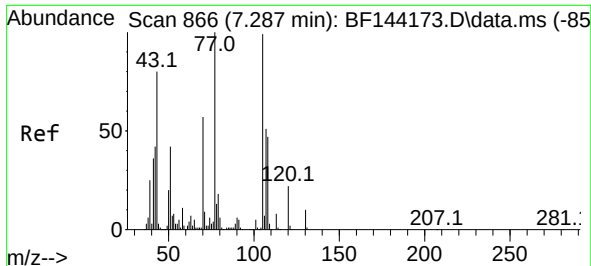


#18
Hexachloroethane
Concen: 45.993 ng
RT: 7.387 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF144188.D
Acq: 06 Nov 2025 15:25



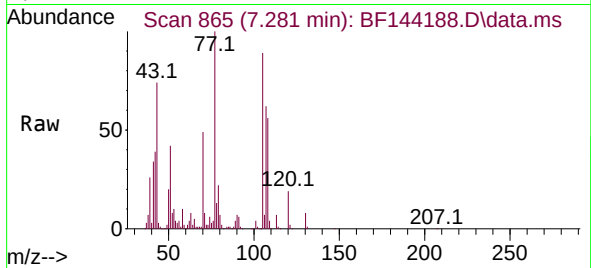
Tgt Ion:117 Resp: 88218
Ion Ratio Lower Upper
117 100
119 93.6 75.8 113.8
201 123.9 98.9 148.3





#19
n-Nitroso-di-n-propylamine
Concen: 44.058 ng
RT: 7.281 min Scan# 865
Delta R.T. 0.006 min
Lab File: BF144188.D
Acq: 06 Nov 2025 15:25

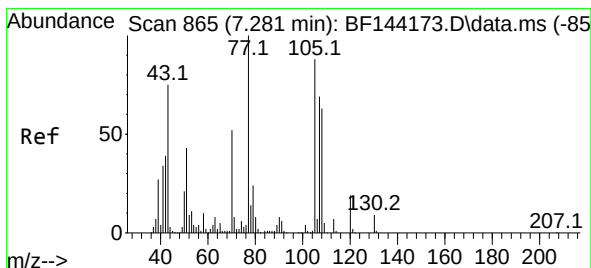
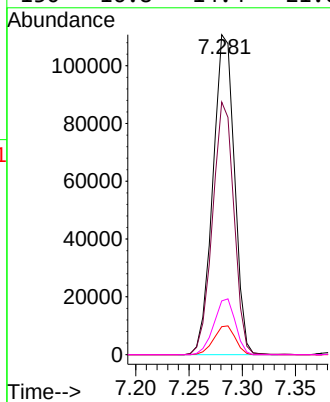
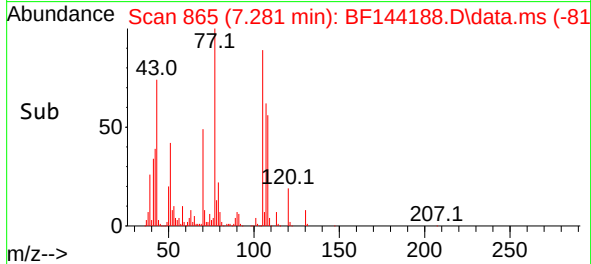
Instrument :
BNA_F
ClientSampleId :
TP-2MSD



Tgt Ion: 70 Resp: 156495
Ion Ratio Lower Upper
70 100
42 78.9 58.3 87.5
101 8.7 7.0 10.6
130 16.8 14.4 21.6

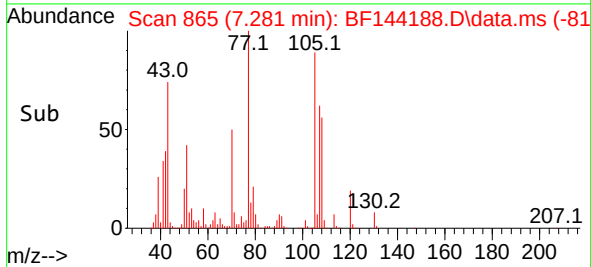
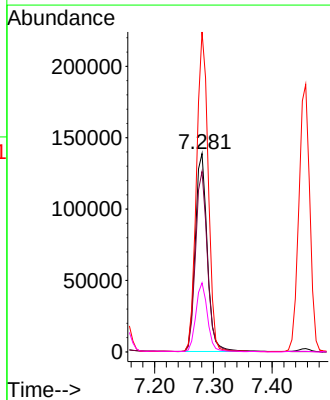
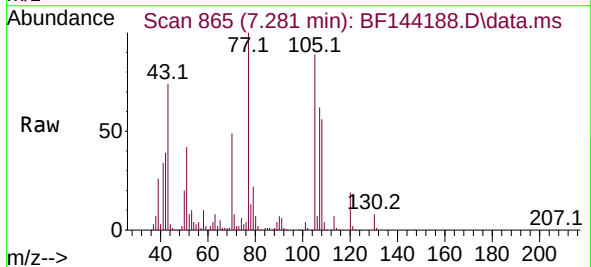
Manual Integrations
APPROVED

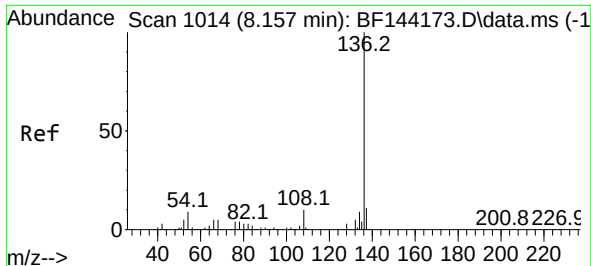
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#20
3+4-Methylphenols
Concen: 44.822 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF144188.D
Acq: 06 Nov 2025 15:25

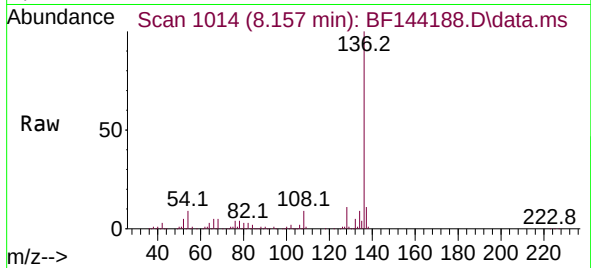
Tgt Ion:107 Resp: 196297
Ion Ratio Lower Upper
107 100
108 91.0 70.2 110.2
77 161.4 123.9 163.9
79 34.8 14.2 54.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BF144188.D
Acq: 06 Nov 2025 15:25

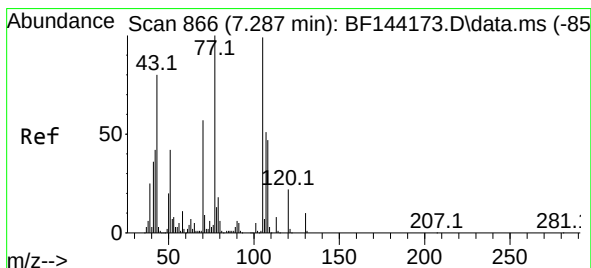
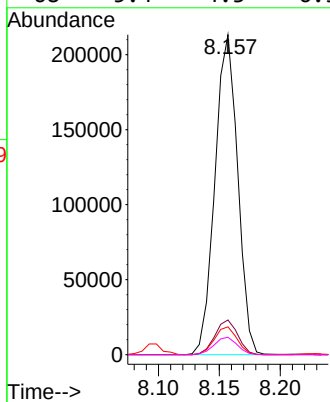
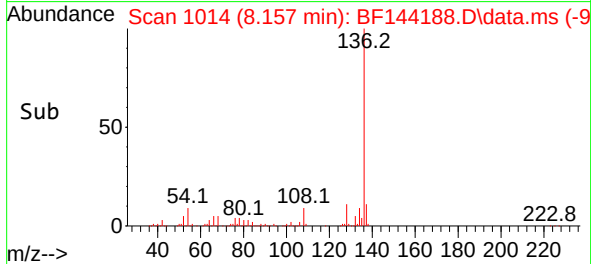
Instrument :
BNA_F
ClientSampleId :
TP-2MSD



Tgt Ion:136 Resp: 277106
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.7 7.0 10.6
68 5.4 4.3 6.5

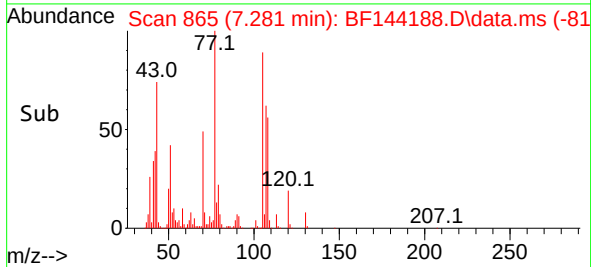
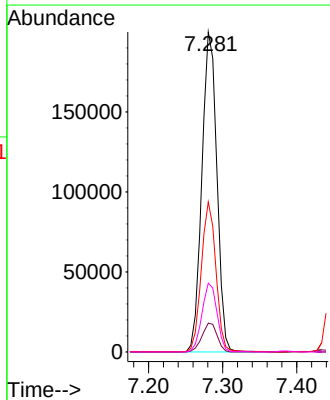
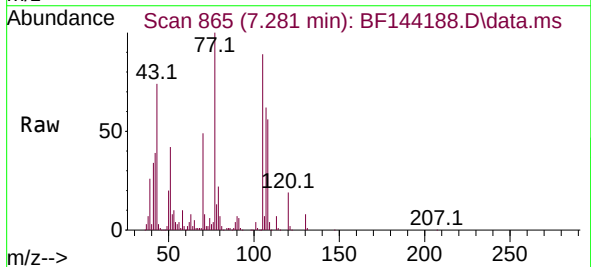
Manual Integrations
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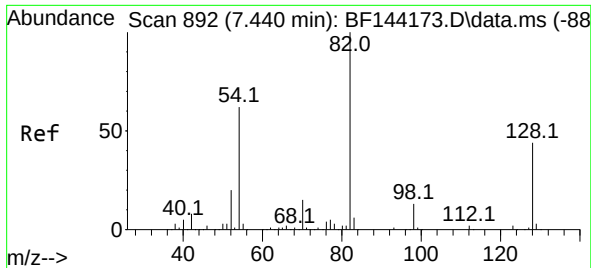
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#22
Acetophenone
Concen: 47.285 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.000 min
Lab File: BF144188.D
Acq: 06 Nov 2025 15:25

Tgt Ion:105 Resp: 281088
Ion Ratio Lower Upper
105 100
71 9.0 7.2 10.8
51 46.9 34.0 51.0
120 21.5 17.8 26.6





#23

Nitrobenzene-d5

Concen: 42.652 ng

RT: 7.434 min Scan# 891

Delta R.T. -0.000 min

Lab File: BF144188.D

Acq: 06 Nov 2025 15:25

Instrument :

BNA_F

ClientSampleId :

TP-2MSD

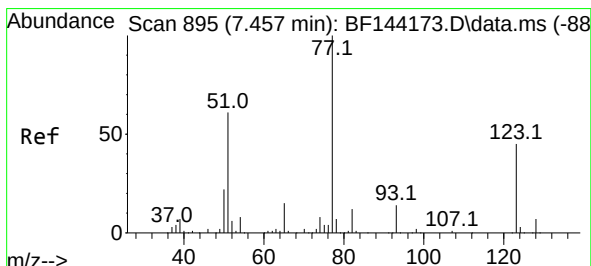
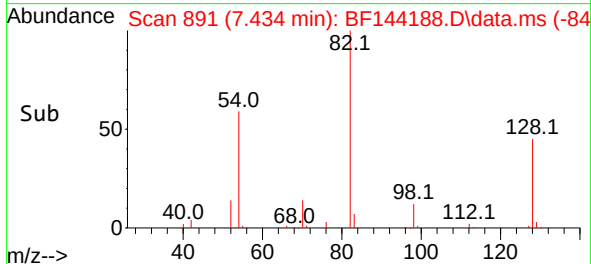
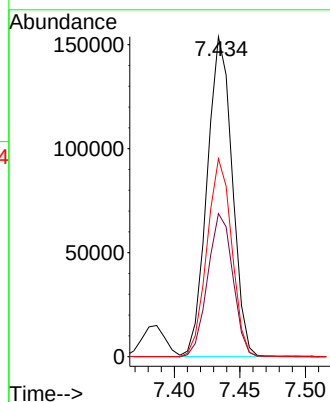
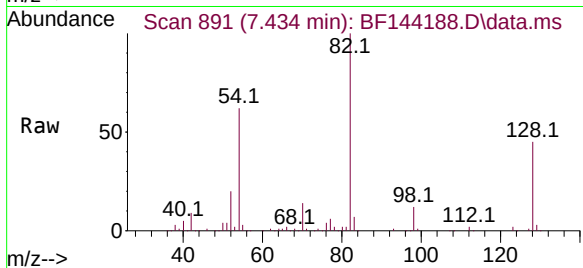
Tgt Ion: 82 Resp: 204641
 Ion Ratio Lower Upper
 82 100
 128 44.7 34.7 52.1
 54 61.8 49.5 74.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/07/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#24

Nitrobenzene

Concen: 46.473 ng

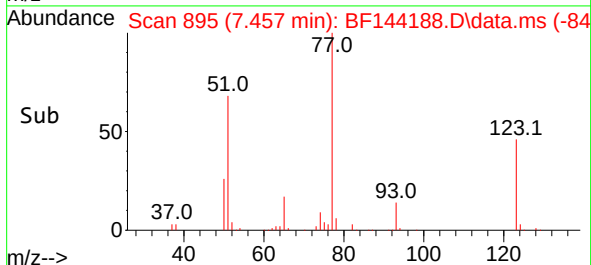
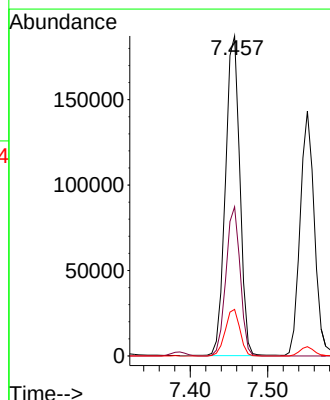
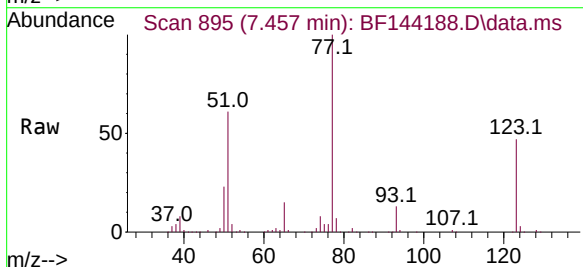
RT: 7.457 min Scan# 895

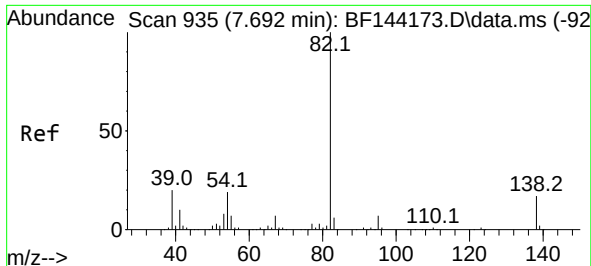
Delta R.T. 0.006 min

Lab File: BF144188.D

Acq: 06 Nov 2025 15:25

Tgt Ion: 77 Resp: 242097
 Ion Ratio Lower Upper
 77 100
 123 46.6 35.8 53.8
 65 14.5 12.2 18.2





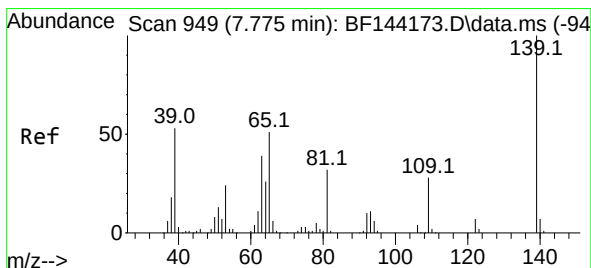
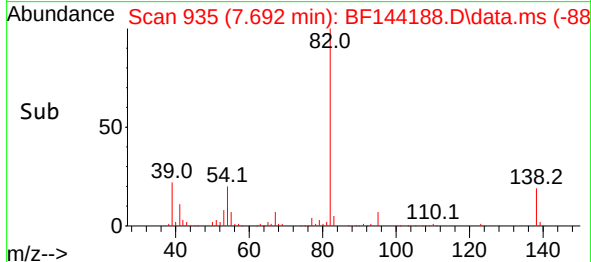
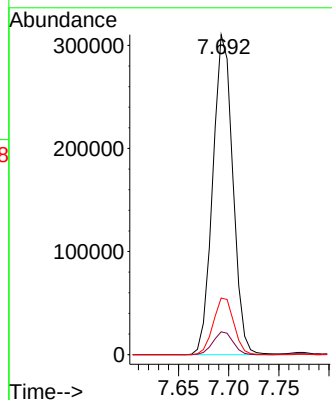
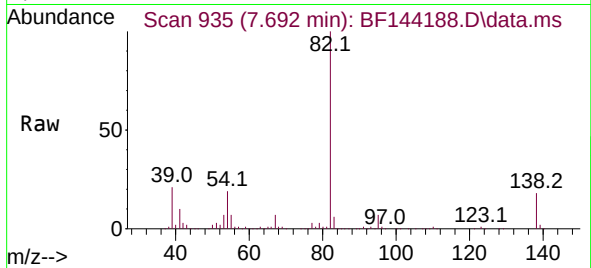
#25
Isophorone
Concen: 47.667 ng
RT: 7.692 min Scan# 935
Delta R.T. 0.006 min
Lab File: BF144188.D
Acq: 06 Nov 2025 15:25

Instrument :
BNA_F
Client SampleId :
TP-2MSD

Tgt Ion: 82 Resp: 432601
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 17.7 13.7 20.5

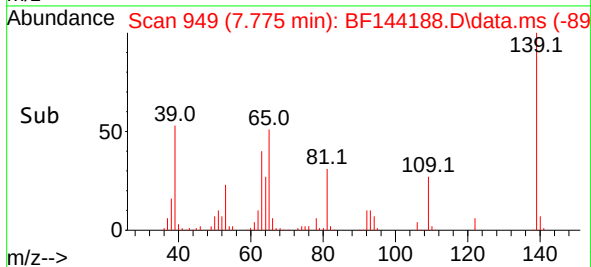
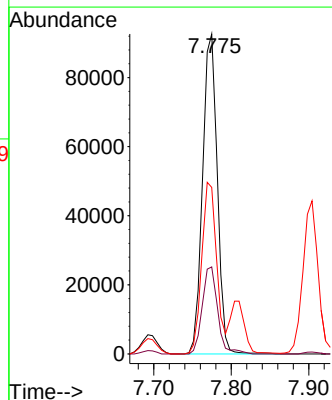
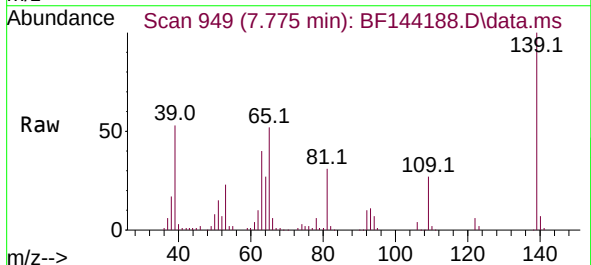
Manual Integrations
APPROVED

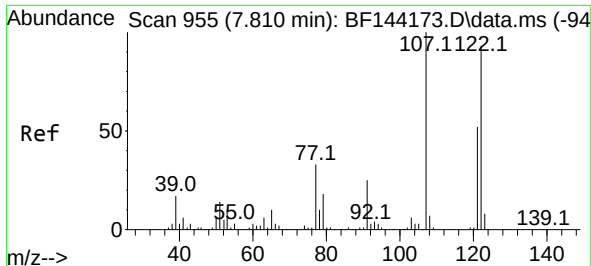
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#26
2-Nitrophenol
Concen: 47.283 ng
RT: 7.775 min Scan# 949
Delta R.T. -0.000 min
Lab File: BF144188.D
Acq: 06 Nov 2025 15:25

Tgt Ion:139 Resp: 121933
Ion Ratio Lower Upper
139 100
109 27.2 22.2 33.2
65 52.0 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 51.047 ng

RT: 7.810 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF144188.D

Acq: 06 Nov 2025 15:25

Instrument :

BNA_F

ClientSampleId :

TP-2MSD

Tgt Ion:122 Resp: 197306

Ion Ratio Lower Upper

122 100

107 110.0 86.2 129.4

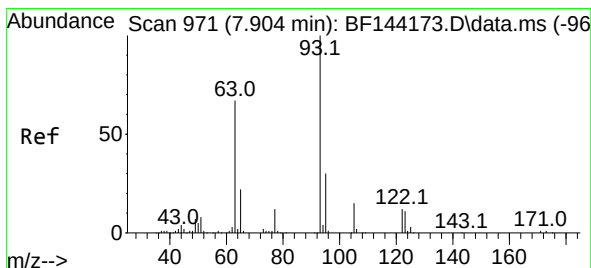
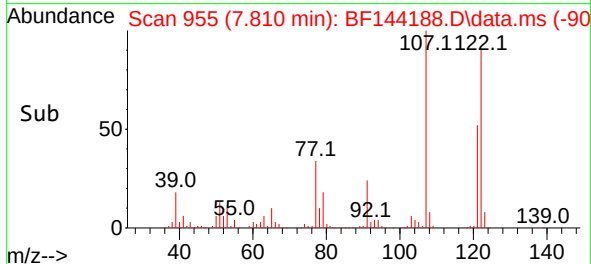
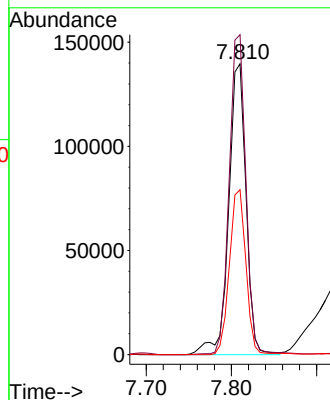
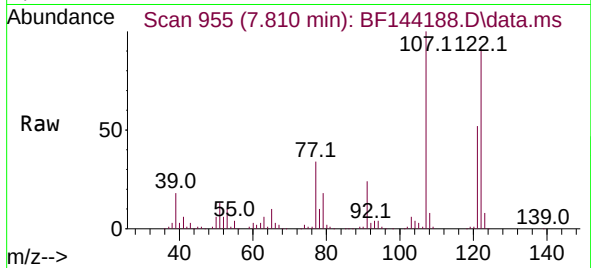
121 56.7 44.6 66.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/07/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#28

bis(2-Chloroethoxy)methane

Concen: 47.807 ng

RT: 7.904 min Scan# 971

Delta R.T. 0.006 min

Lab File: BF144188.D

Acq: 06 Nov 2025 15:25

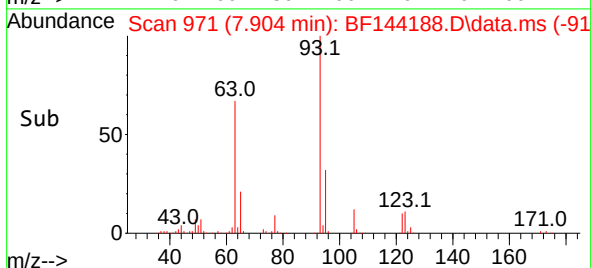
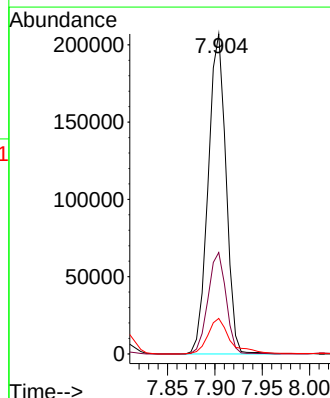
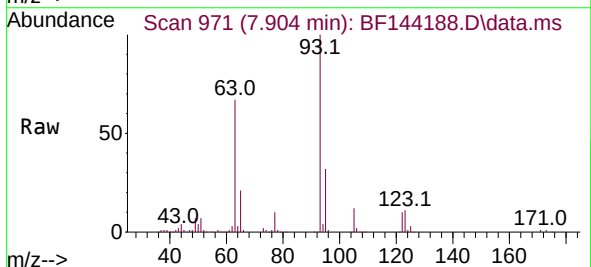
Tgt Ion: 93 Resp: 270933

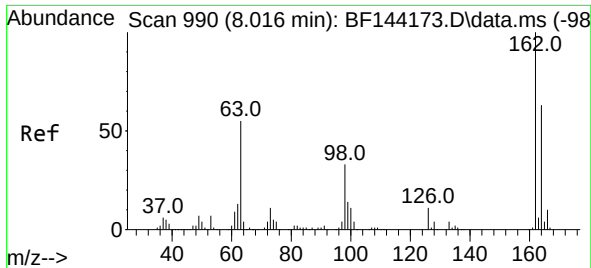
Ion Ratio Lower Upper

93 100

95 31.7 24.2 36.4

123 11.1 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 46.967 ng

RT: 8.016 min Scan# 990

Delta R.T. -0.000 min

Lab File: BF144188.D

Acq: 06 Nov 2025 15:25

Instrument :

BNA_F

ClientSampleId :

TP-2MSD

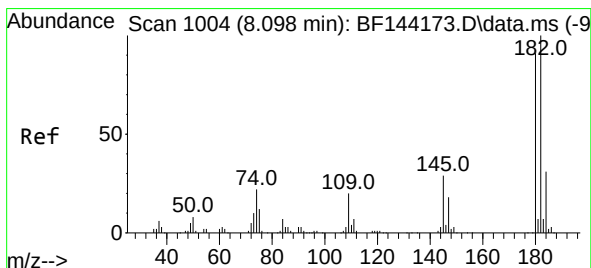
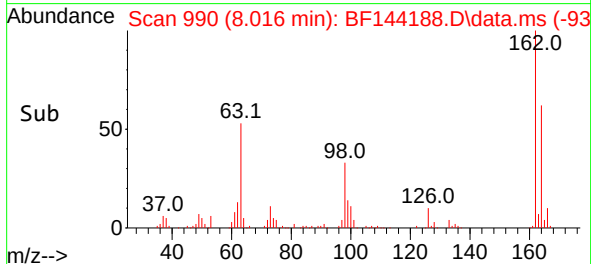
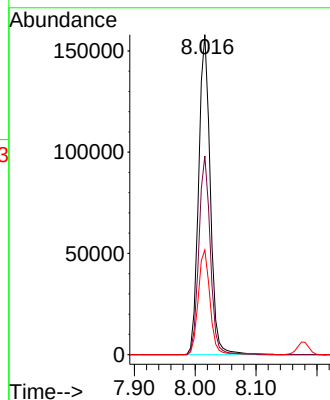
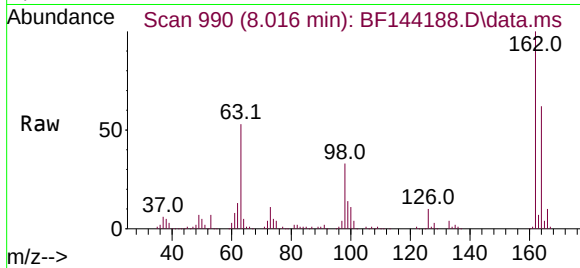
Tgt Ion:162 Resp: 209231
 Ion Ratio Lower Upper
 162 100
 164 62.1 42.9 82.9
 98 32.7 13.3 53.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/07/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#30

1,2,4-Trichlorobenzene

Concen: 48.097 ng

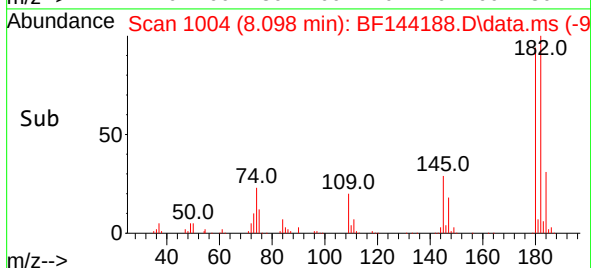
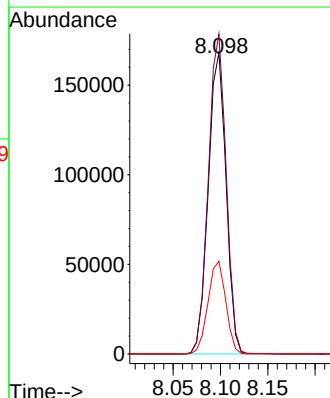
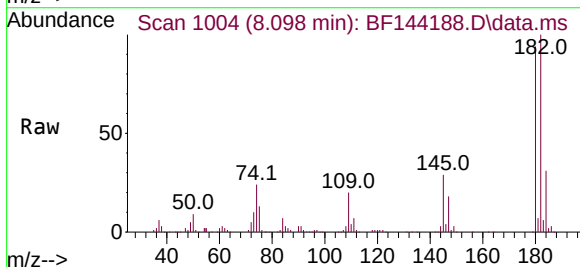
RT: 8.098 min Scan# 1004

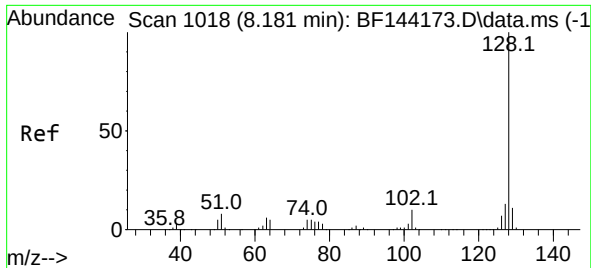
Delta R.T. -0.000 min

Lab File: BF144188.D

Acq: 06 Nov 2025 15:25

Tgt Ion:180 Resp: 220017
 Ion Ratio Lower Upper
 180 100
 182 106.2 87.7 131.5
 145 30.7 25.4 38.0





#31
Naphthalene
Concen: 45.500 ng
RT: 8.181 min Scan# 1018
Delta R.T. 0.006 min
Lab File: BF144188.D
Acq: 06 Nov 2025 15:25

Instrument :

BNA_F

ClientSampleId :

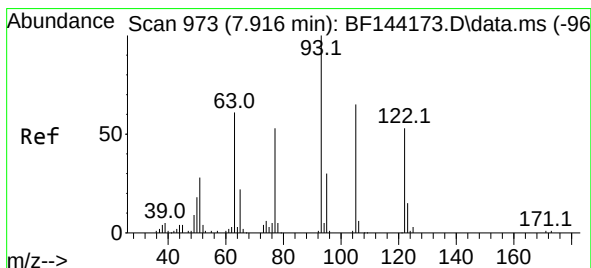
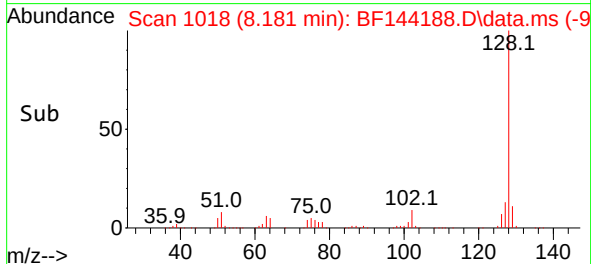
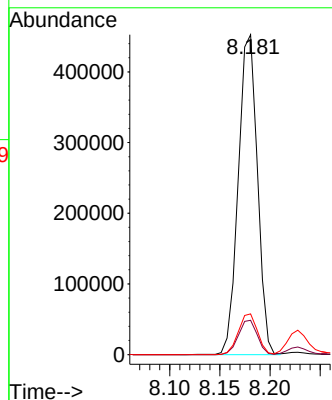
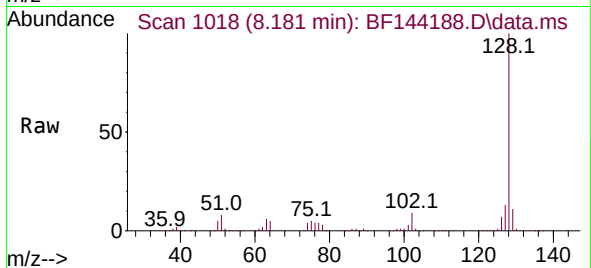
TP-2MSD

Tgt Ion:128 Resp: 599766
Ion Ratio Lower Upper
128 100
129 10.7 8.9 13.3
127 12.7 10.3 15.5

Manual Integrations

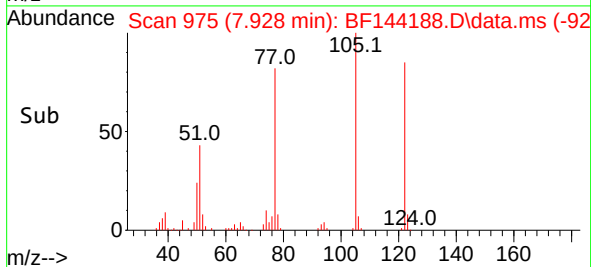
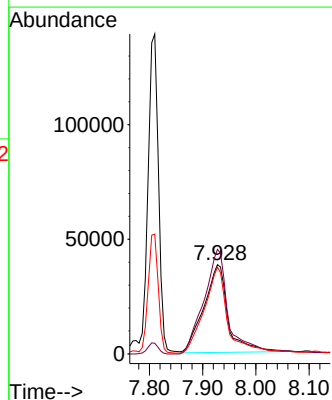
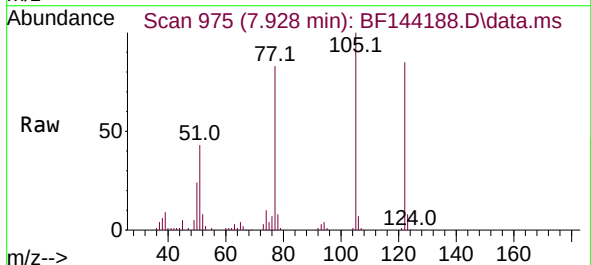
APPROVED

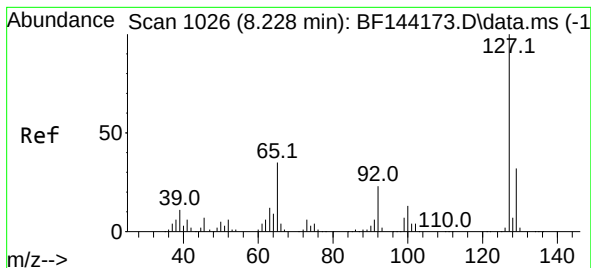
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#32
Benzoic acid
Concen: 42.602 ng
RT: 7.928 min Scan# 975
Delta R.T. -0.023 min
Lab File: BF144188.D
Acq: 06 Nov 2025 15:25

Tgt Ion:122 Resp: 120700
Ion Ratio Lower Upper
122 100
105 117.2 99.9 139.9
77 97.2 77.5 117.5





#33
4-Chloroaniline
Concen: 10.856 ng
RT: 8.228 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF144188.D
Acq: 06 Nov 2025 15:25

Instrument :

BNA_F

ClientSampleId :

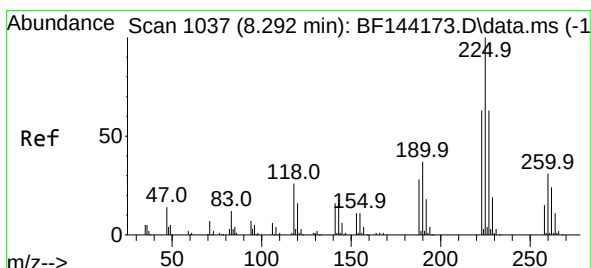
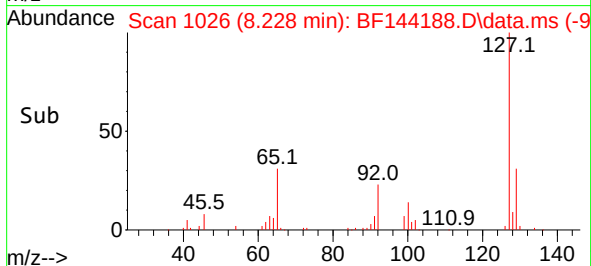
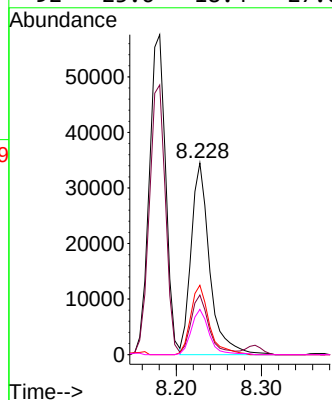
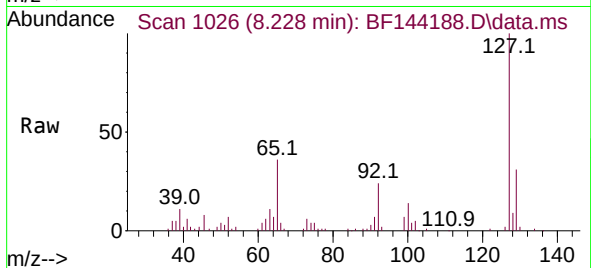
TP-2MSD

Tgt Ion:127 Resp: 52192
Ion Ratio Lower Upper
127 100
129 31.1 25.3 37.9
65 36.2 27.6 41.4
92 23.6 18.4 27.6

Manual Integrations

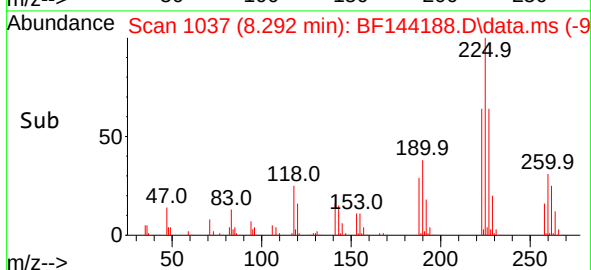
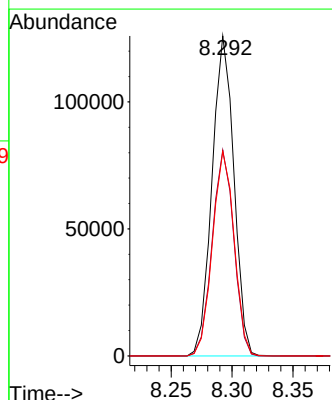
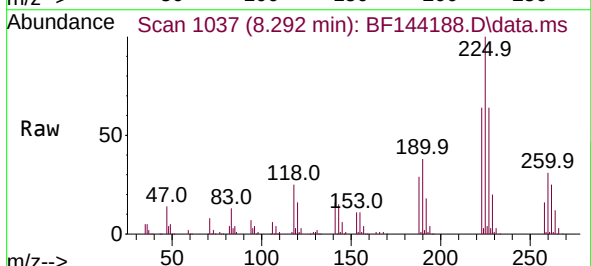
APPROVED

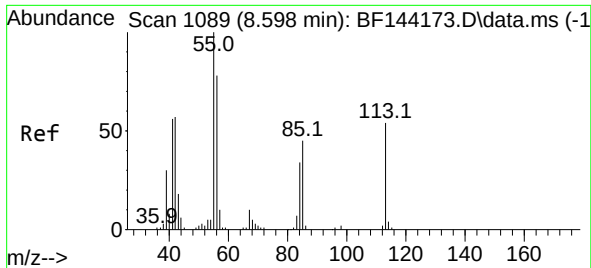
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#34
Hexachlorobutadiene
Concen: 45.508 ng
RT: 8.292 min Scan# 1037
Delta R.T. -0.000 min
Lab File: BF144188.D
Acq: 06 Nov 2025 15:25

Tgt Ion:225 Resp: 156891
Ion Ratio Lower Upper
225 100
223 64.3 50.2 75.4
227 63.9 50.1 75.1





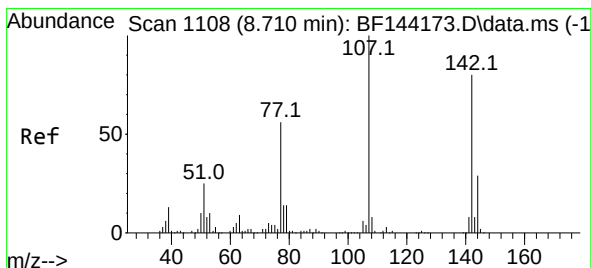
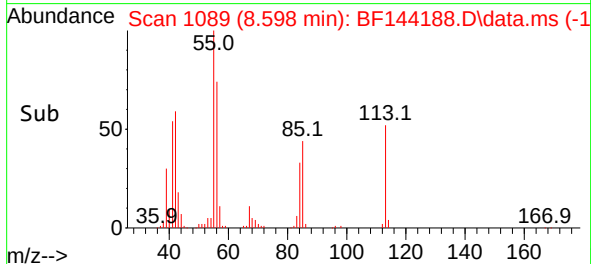
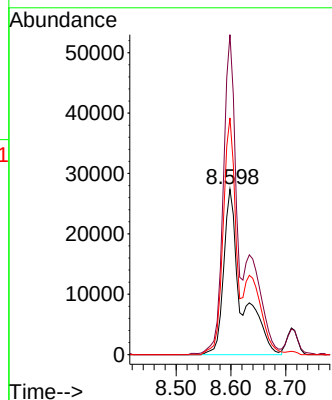
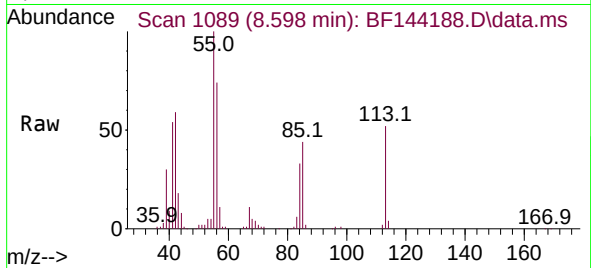
#35
 Caprolactam
 Concen: 51.066 ng m
 RT: 8.598 min Scan# 1089
 Delta R.T. -0.023 min
 Lab File: BF144188.D
 Acq: 06 Nov 2025 15:25

Instrument :
 BNA_F
 ClientSampleId :
 TP-2MSD

Tgt Ion:113 Resp: 62326
 Ion Ratio Lower Upper
 113 100
 55 193.5 166.8 206.8
 56 143.1 125.9 165.9

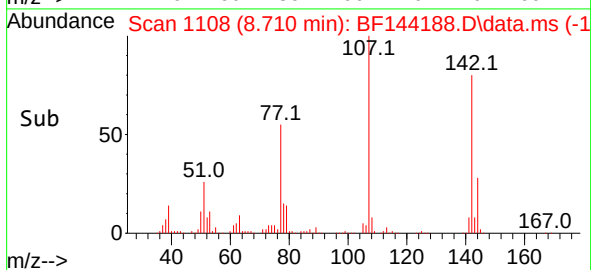
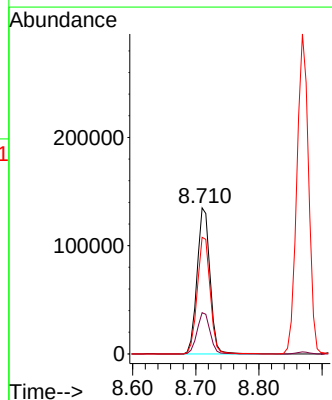
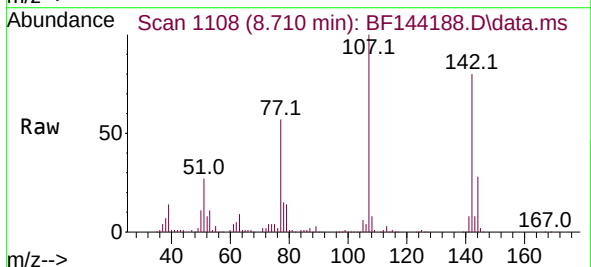
Manual Integrations
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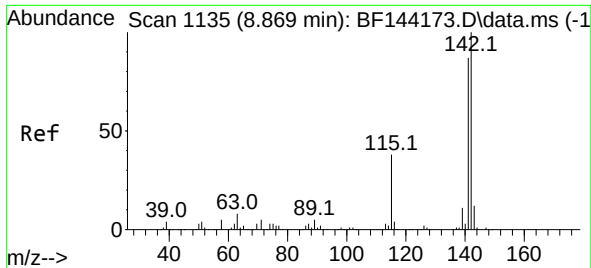
Reviewed By :Rahul Chavli 11/07/2025
 Supervised By :Jagrut Upadhyay 11/10/2025



#36
 4-Chloro-3-methylphenol
 Concen: 48.003 ng
 RT: 8.710 min Scan# 1108
 Delta R.T. 0.006 min
 Lab File: BF144188.D
 Acq: 06 Nov 2025 15:25

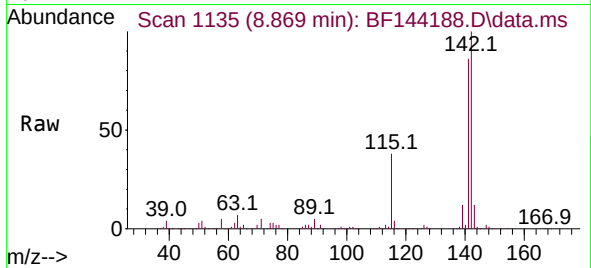
Tgt Ion:107 Resp: 191651
 Ion Ratio Lower Upper
 107 100
 144 28.3 23.3 34.9
 142 79.9 63.8 95.6





#37
2-Methylnaphthalene
Concen: 43.024 ng
RT: 8.869 min Scan# 1135
Delta R.T. -0.000 min
Lab File: BF144188.D
Acq: 06 Nov 2025 15:25

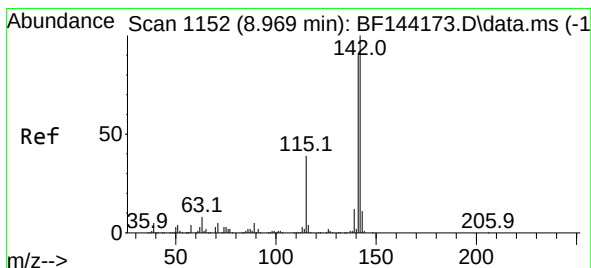
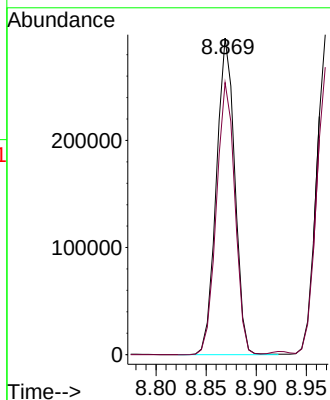
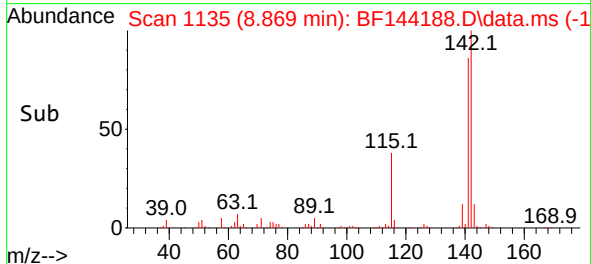
Instrument :
BNA_F
ClientSampleId :
TP-2MSD



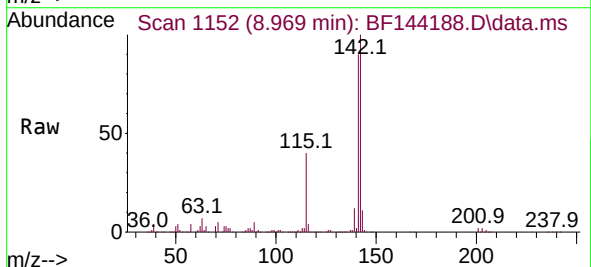
Tgt Ion:142 Resp: 379176
Ion Ratio Lower Upper
142 100
141 85.9 69.9 104.9

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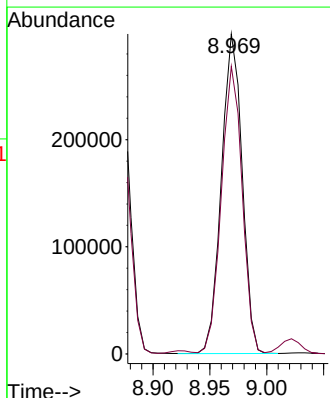
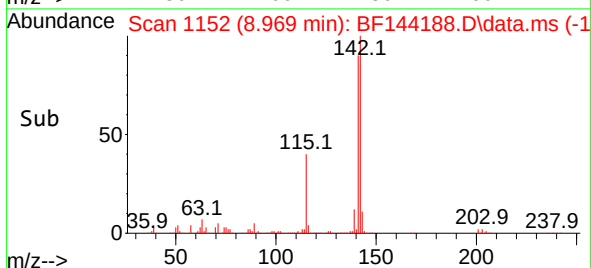
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

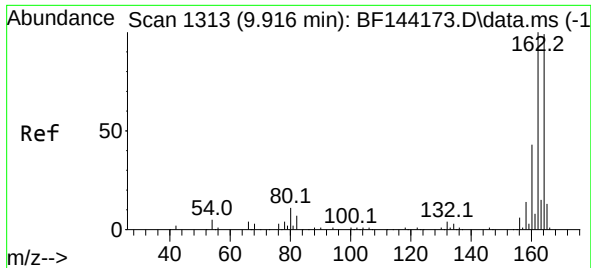


#38
1-Methylnaphthalene
Concen: 44.574 ng
RT: 8.969 min Scan# 1152
Delta R.T. -0.000 min
Lab File: BF144188.D
Acq: 06 Nov 2025 15:25



Tgt Ion:142 Resp: 379048
Ion Ratio Lower Upper
142 100
141 89.8 72.1 108.1





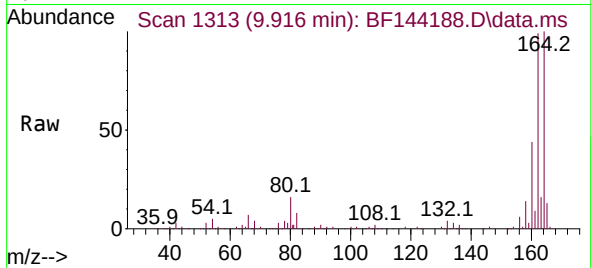
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.000 min
Lab File: BF144188.D
Acq: 06 Nov 2025 15:25

Instrument :

BNA_F

ClientSampleId :

TP-2MSD



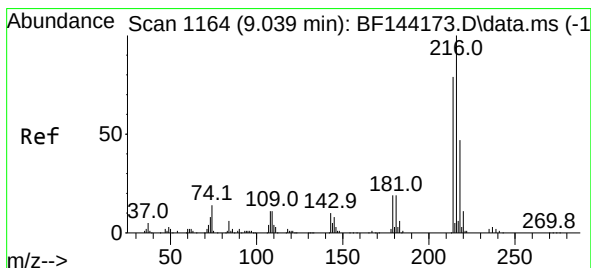
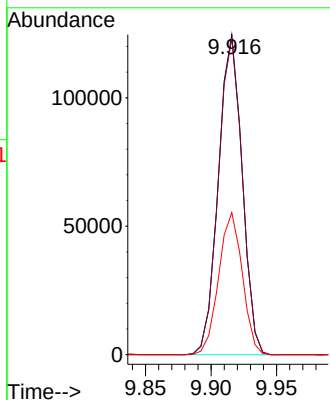
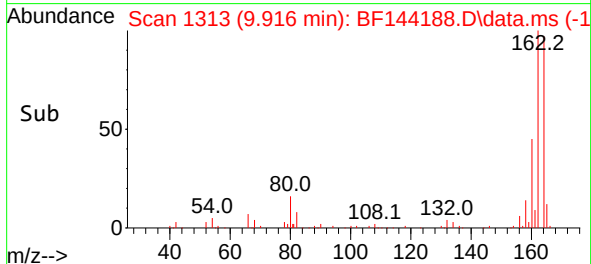
Tgt Ion:164 Resp: 157452
Ion Ratio Lower Upper
164 100
162 98.8 81.1 121.7
160 44.4 34.5 51.7

Manual Integrations

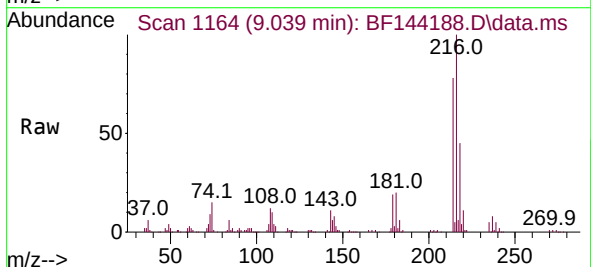
APPROVED

Reviewed By :Rahul Chavli 11/07/2025

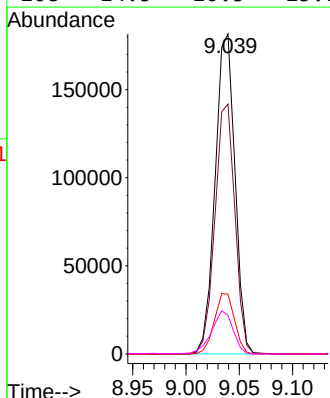
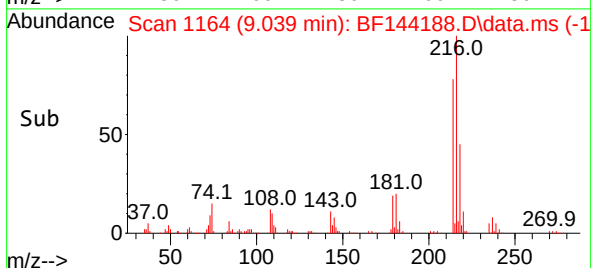
Supervised By :Jagrut Upadhyay 11/10/2025

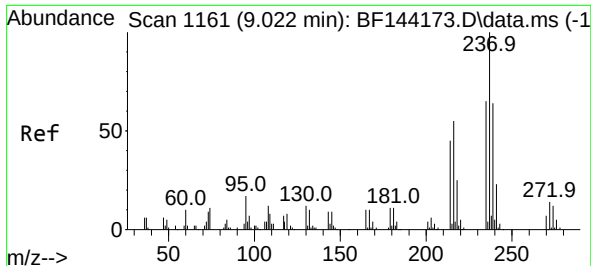


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.630 ng
RT: 9.039 min Scan# 1164
Delta R.T. 0.006 min
Lab File: BF144188.D
Acq: 06 Nov 2025 15:25



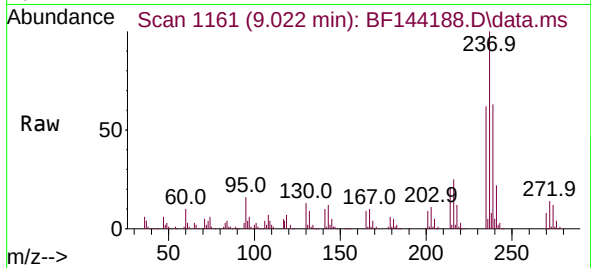
Tgt Ion:216 Resp: 235465
Ion Ratio Lower Upper
216 100
214 78.7 63.4 95.2
179 19.2 15.0 22.4
108 14.5 10.5 15.7





#41
Hexachlorocyclopentadiene
Concen: 87.499 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF144188.D
Acq: 06 Nov 2025 15:25

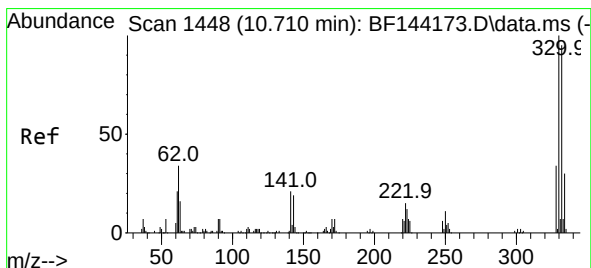
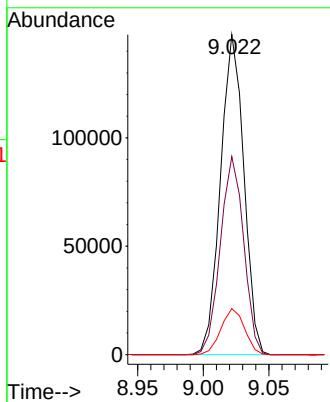
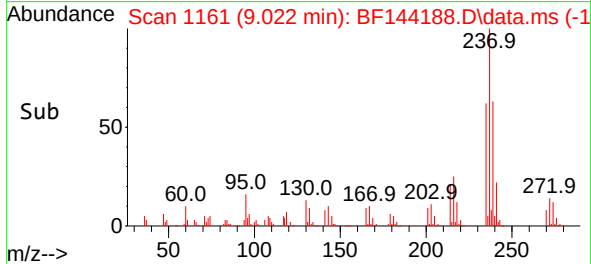
Instrument :
BNA_F
ClientSampleId :
TP-2MSD



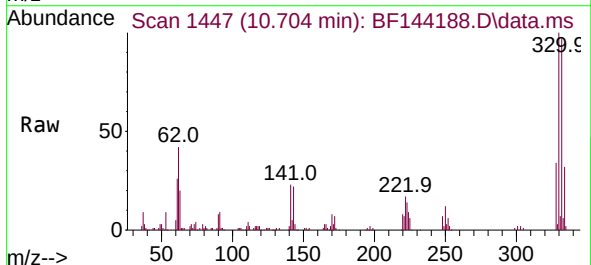
Tgt Ion: 237 Resp: 182948
Ion Ratio Lower Upper
237 100
235 61.9 45.5 85.5
272 14.4 0.0 33.5

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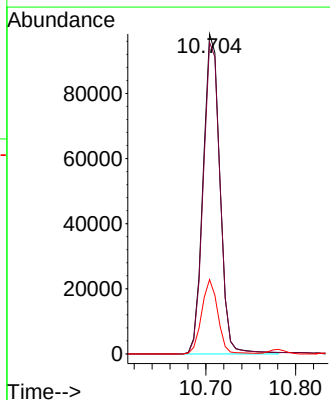
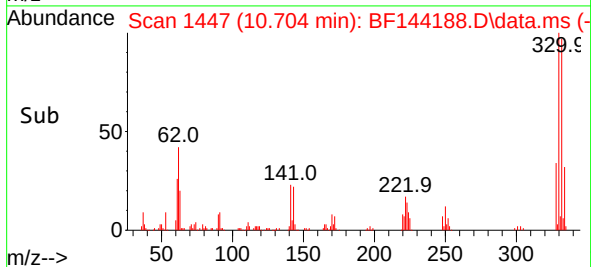
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

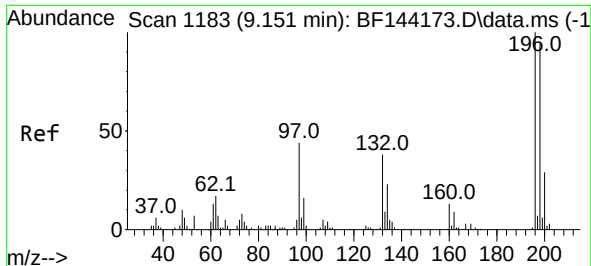


#42
2,4,6-Tribromophenol
Concen: 64.825 ng
RT: 10.704 min Scan# 1447
Delta R.T. -0.000 min
Lab File: BF144188.D
Acq: 06 Nov 2025 15:25



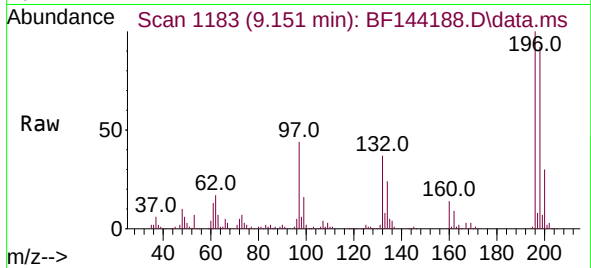
Tgt Ion: 330 Resp: 128087
Ion Ratio Lower Upper
330 100
332 98.6 76.7 115.1
141 22.3 17.8 26.8





#43
2,4,6-Trichlorophenol
Concen: 46.317 ng
RT: 9.151 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BF144188.D
Acq: 06 Nov 2025 15:25

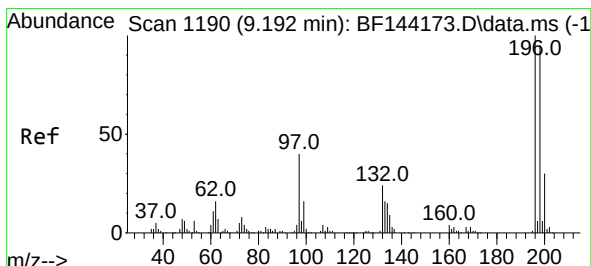
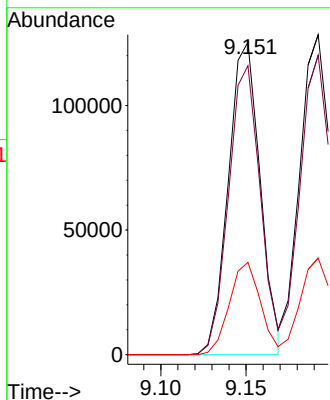
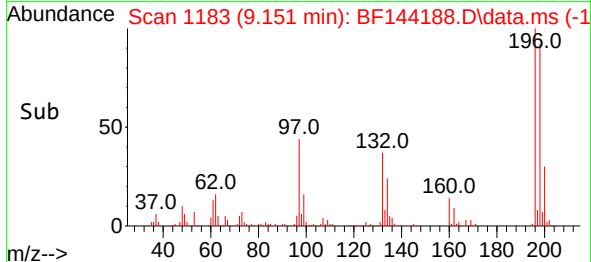
Instrument :
BNA_F
ClientSampleId :
TP-2MSD



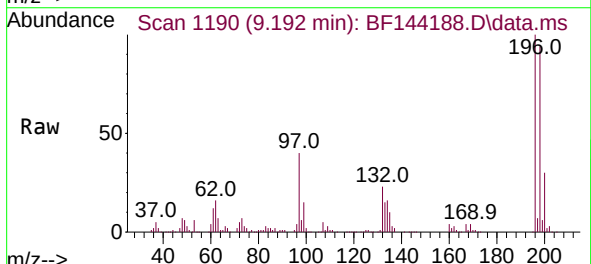
Tgt Ion:196 Resp: 162678
Ion Ratio Lower Upper
196 100
198 92.4 75.3 112.9
200 29.5 23.4 35.2

Manual Integrations
APPROVED

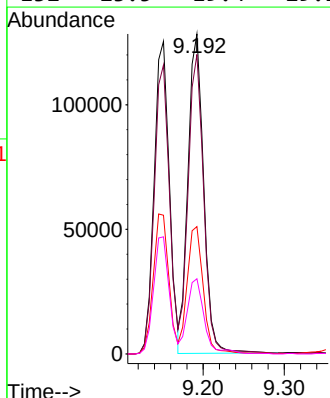
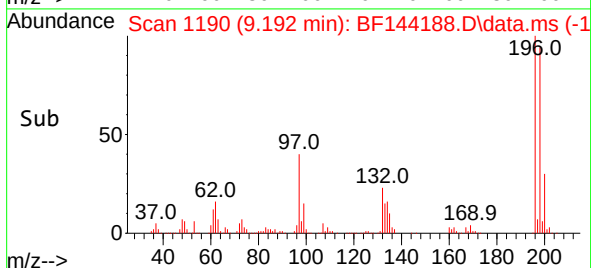
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

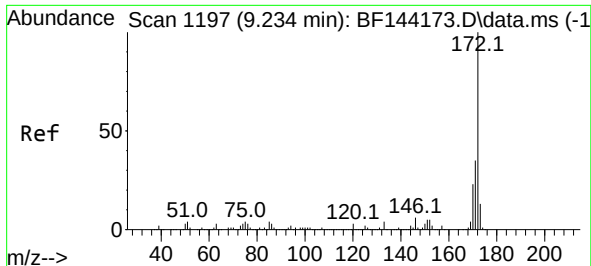


#44
2,4,5-Trichlorophenol
Concen: 45.430 ng
RT: 9.192 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BF144188.D
Acq: 06 Nov 2025 15:25



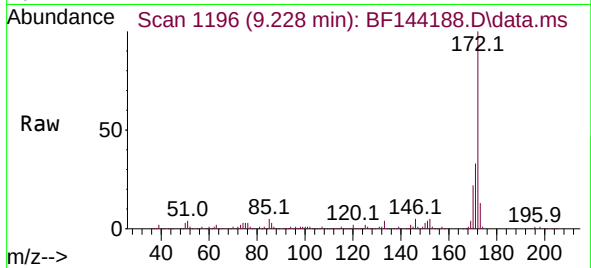
Tgt Ion:196 Resp: 171970
Ion Ratio Lower Upper
196 100
198 93.6 76.1 114.1
97 39.8 31.9 47.9
132 23.5 19.4 29.2





#45
2-Fluorobiphenyl
Concen: 39.350 ng
RT: 9.228 min Scan# 1196
Delta R.T. -0.000 min
Lab File: BF144188.D
Acq: 06 Nov 2025 15:25

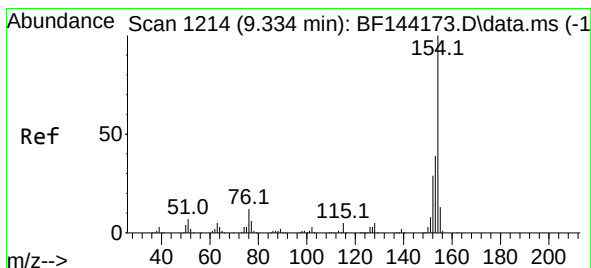
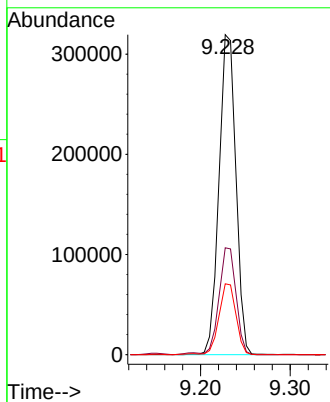
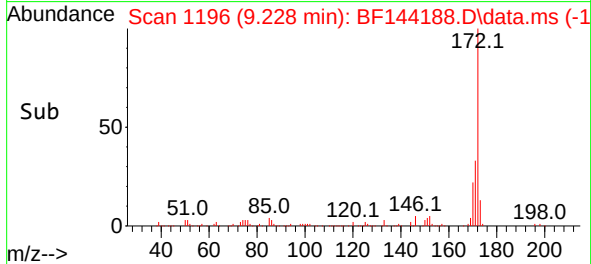
Instrument :
BNA_F
ClientSampleId :
TP-2MSD



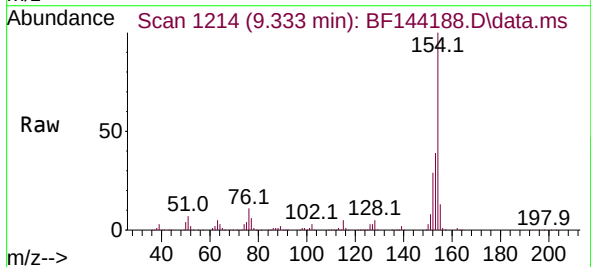
Tgt Ion:172 Resp: 419517
Ion Ratio Lower Upper
172 100
171 33.4 28.1 42.1
170 22.1 18.6 28.0

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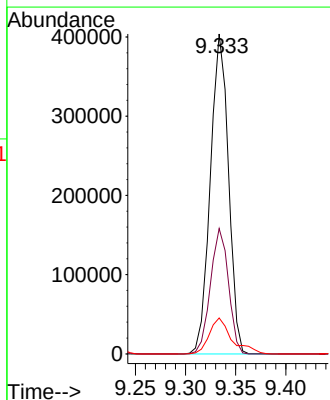
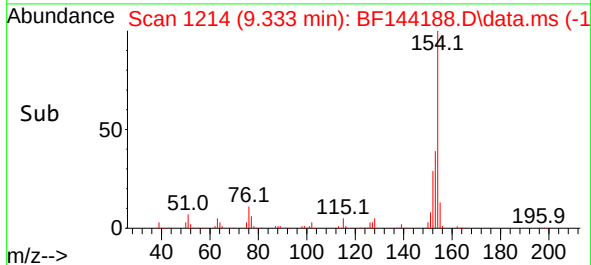
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

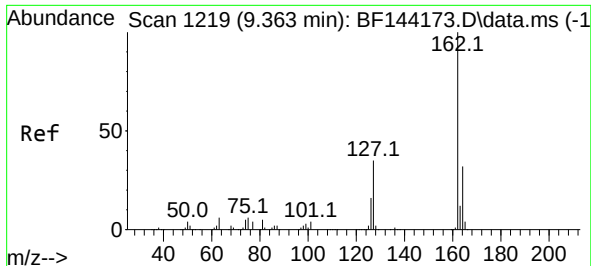


#46
1,1'-Biphenyl
Concen: 46.216 ng
RT: 9.333 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF144188.D
Acq: 06 Nov 2025 15:25



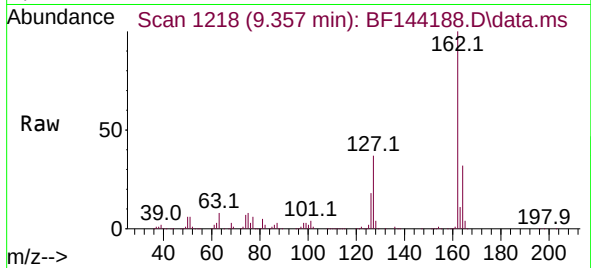
Tgt Ion:154 Resp: 507959
Ion Ratio Lower Upper
154 100
153 39.2 19.2 59.2
76 11.2 0.0 31.8





#47
2-Chloronaphthalene
Concen: 44.619 ng
RT: 9.357 min Scan# 1218
Delta R.T. -0.000 min
Lab File: BF144188.D
Acq: 06 Nov 2025 15:25

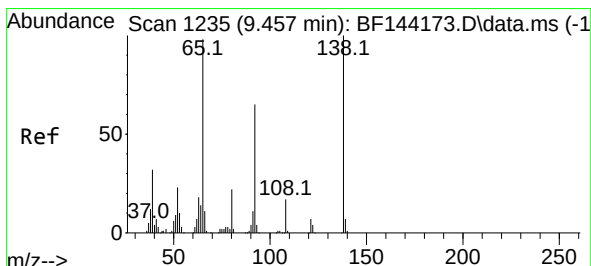
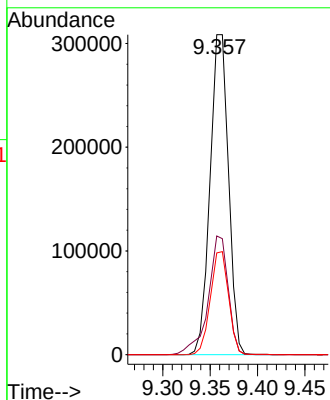
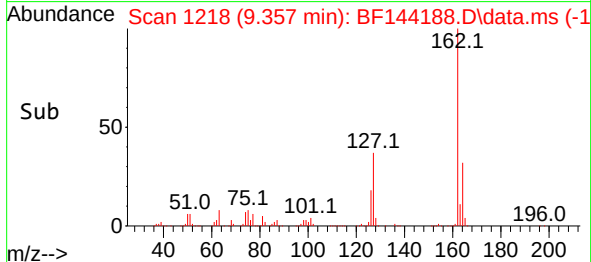
Instrument :
BNA_F
ClientSampleId :
TP-2MSD



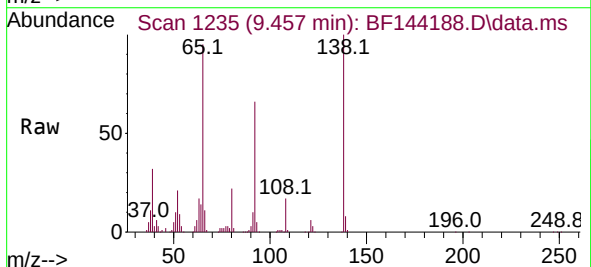
Tgt Ion:162 Resp: 418322
Ion Ratio Lower Upper
162 100
127 37.1 28.8 43.2
164 31.8 25.8 38.8

Manual Integrations
APPROVED

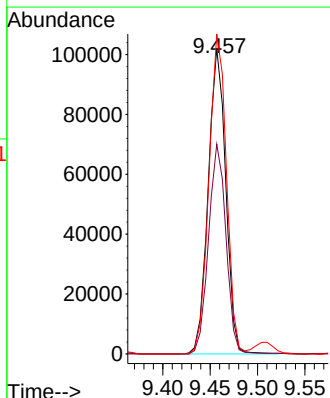
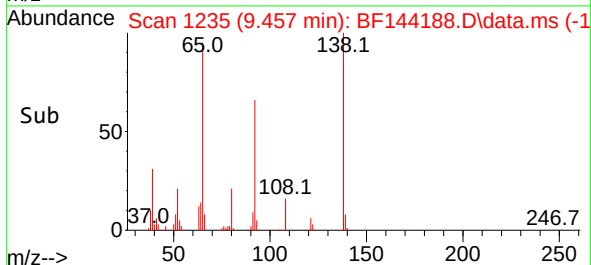
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

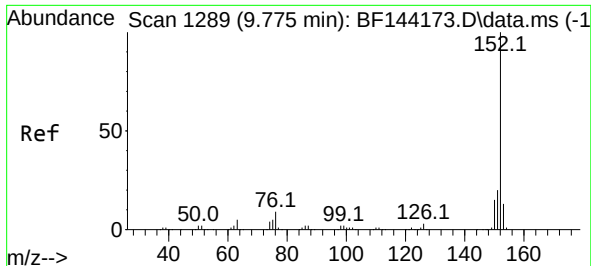


#48
2-Nitroaniline
Concen: 48.522 ng
RT: 9.457 min Scan# 1235
Delta R.T. -0.000 min
Lab File: BF144188.D
Acq: 06 Nov 2025 15:25



Tgt Ion: 65 Resp: 131257
Ion Ratio Lower Upper
65 100
92 68.7 53.0 79.6
138 104.8 81.6 122.4





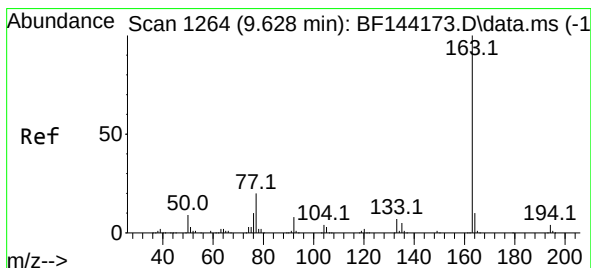
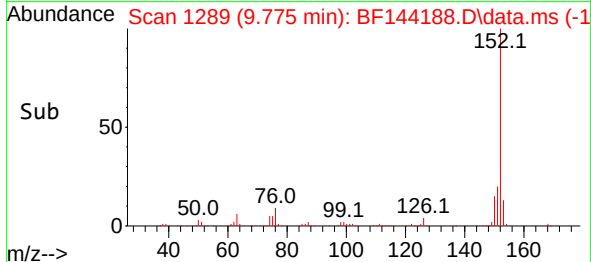
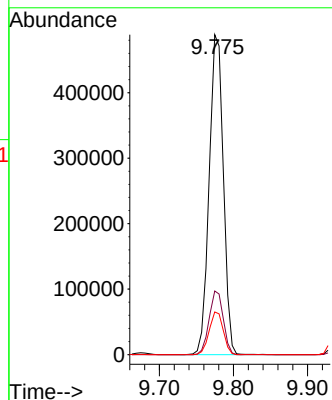
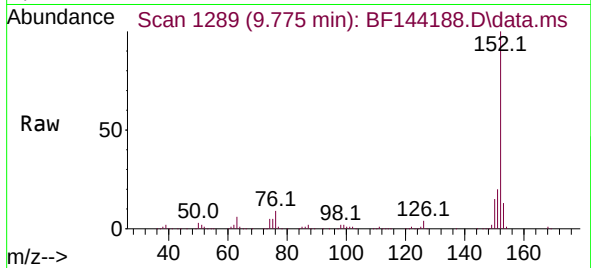
#49
Acenaphthylene
Concen: 50.763 ng
RT: 9.775 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BF144188.D
Acq: 06 Nov 2025 15:25

Instrument :
BNA_F
ClientSampleId :
TP-2MSD

Tgt Ion:152 Resp: 648559
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.3 10.5 15.7

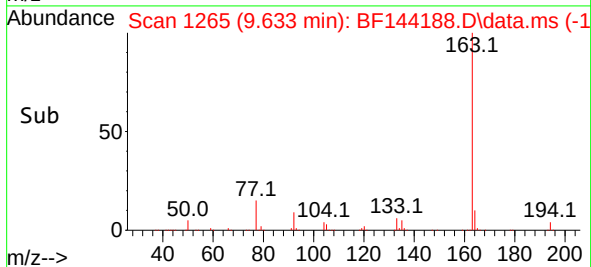
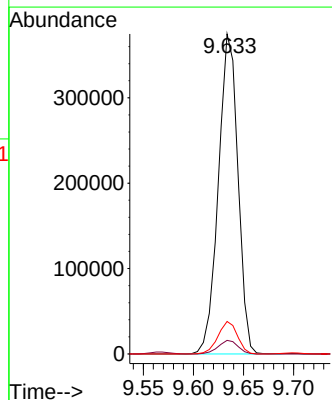
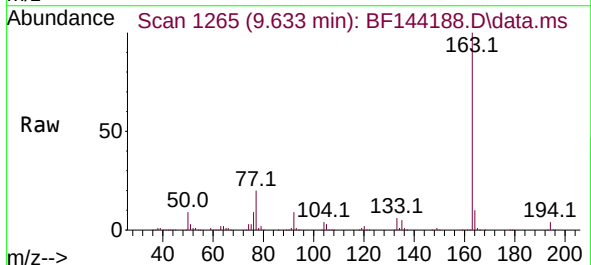
Manual Integrations
APPROVED

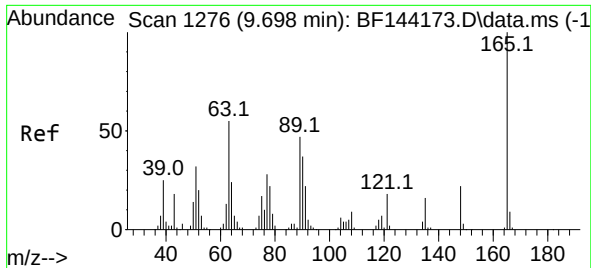
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#50
Dimethylphthalate
Concen: 48.934 ng
RT: 9.633 min Scan# 1265
Delta R.T. 0.006 min
Lab File: BF144188.D
Acq: 06 Nov 2025 15:25

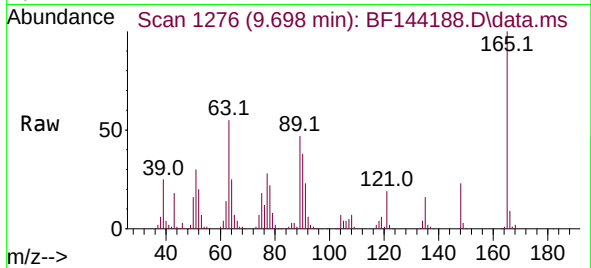
Tgt Ion:163 Resp: 510436
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.1 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 49.721 ng
RT: 9.698 min Scan# 1276
Delta R.T. 0.006 min
Lab File: BF144188.D
Acq: 06 Nov 2025 15:25

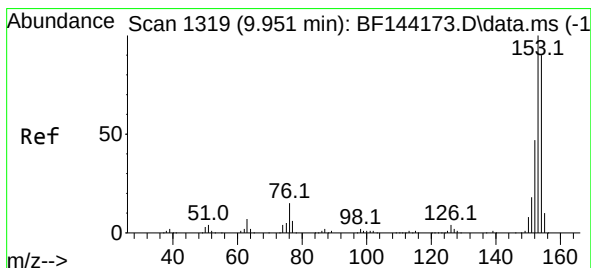
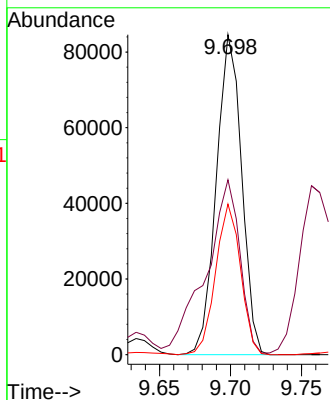
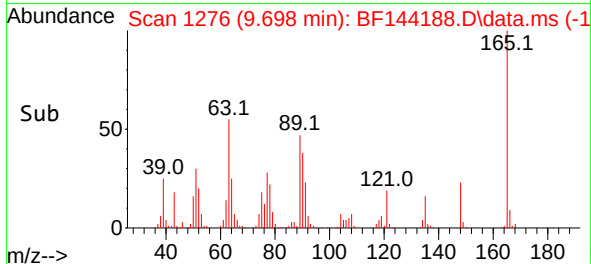
Instrument :
BNA_F
ClientSampleId :
TP-2MSD



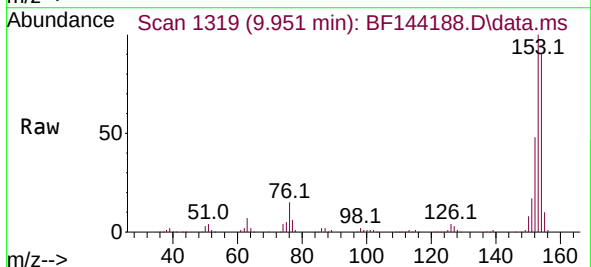
Tgt Ion:165 Resp: 104991
Ion Ratio Lower Upper
165 100
63 54.6 43.8 65.8
89 47.0 37.5 56.3

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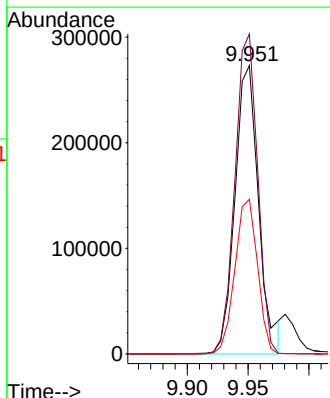
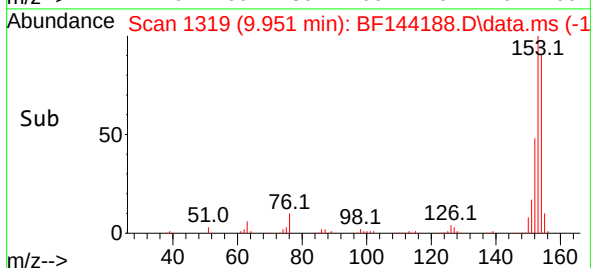
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

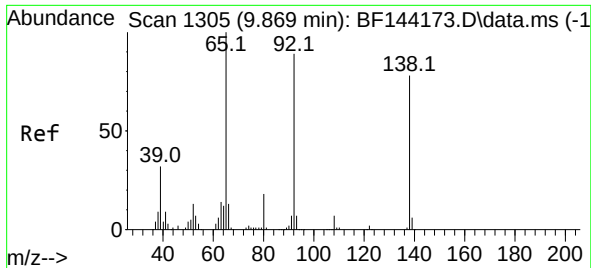


#52
Acenaphthene
Concen: 43.244 ng
RT: 9.951 min Scan# 1319
Delta R.T. 0.006 min
Lab File: BF144188.D
Acq: 06 Nov 2025 15:25



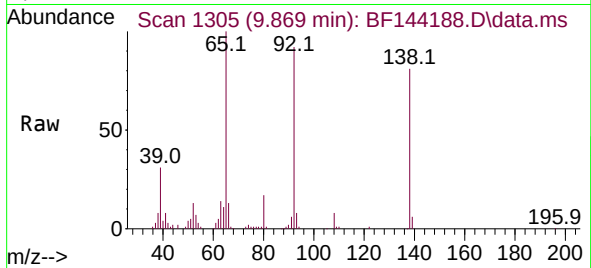
Tgt Ion:154 Resp: 369459
Ion Ratio Lower Upper
154 100
153 110.9 89.0 133.4
152 53.6 42.2 63.4





#53
3-Nitroaniline
Concen: 20.675 ng
RT: 9.869 min Scan# 1305
Delta R.T. -0.000 min
Lab File: BF144188.D
Acq: 06 Nov 2025 15:25

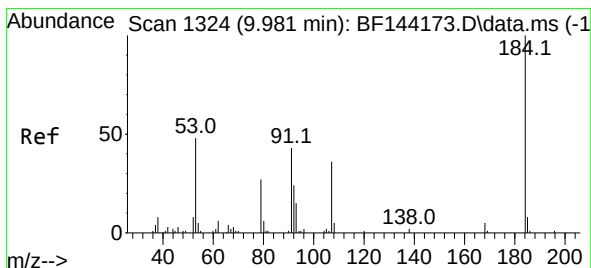
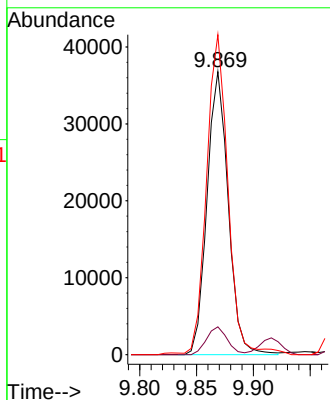
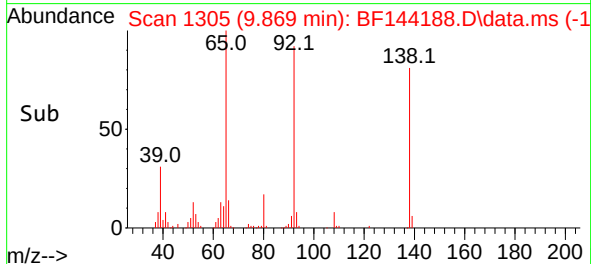
Instrument :
BNA_F
ClientSampleId :
TP-2MSD



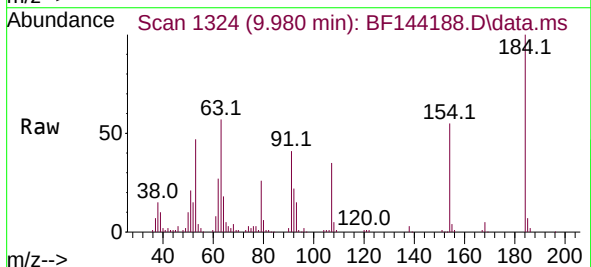
Tgt Ion:138 Resp: 47725
Ion Ratio Lower Upper
138 100
108 9.8 7.5 11.3
92 113.1 91.8 137.6

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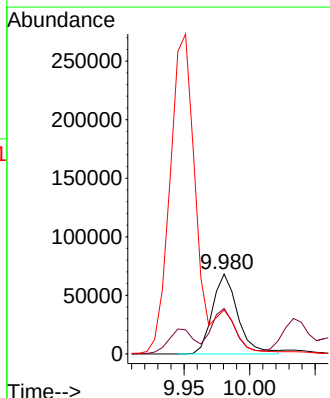
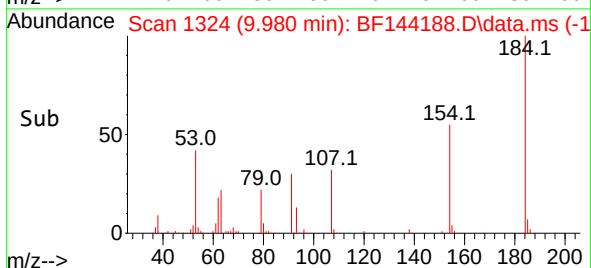
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

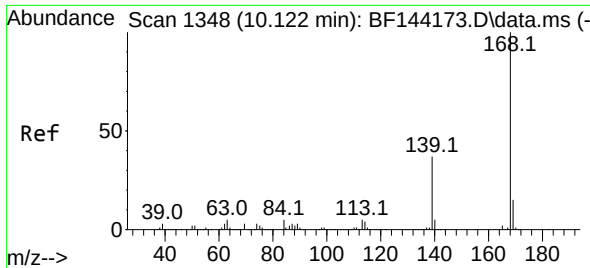


#54
2,4-Dinitrophenol
Concen: 72.278 ng
RT: 9.980 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF144188.D
Acq: 06 Nov 2025 15:25



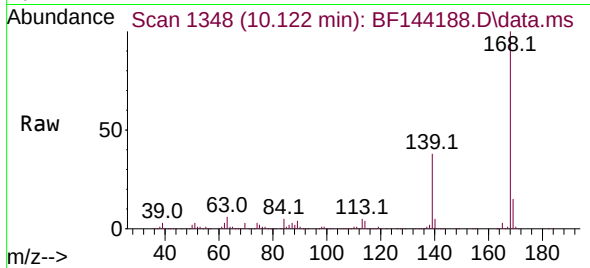
Tgt Ion:184 Resp: 92162
Ion Ratio Lower Upper
184 100
63 57.0 44.0 66.0
154 55.1 42.4 63.6





#55
Dibenzofuran
Concen: 45.342 ng
RT: 10.122 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF144188.D
Acq: 06 Nov 2025 15:25

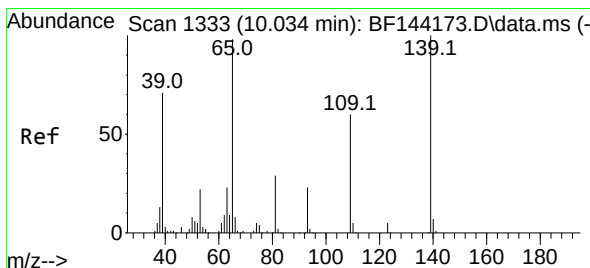
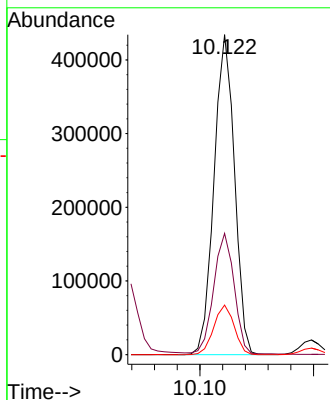
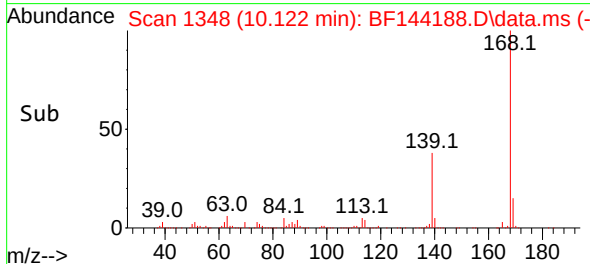
Instrument :
BNA_F
ClientSampleId :
TP-2MSD



Tgt Ion:168 Resp: 542542
Ion Ratio Lower Upper
168 100
139 37.9 30.2 45.2
169 15.5 12.2 18.4

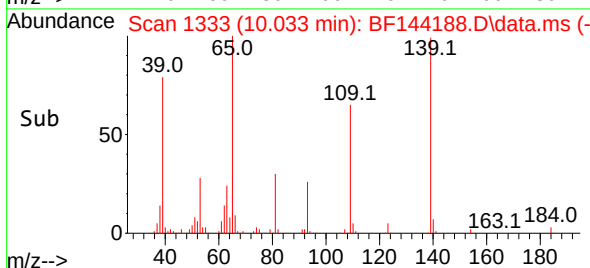
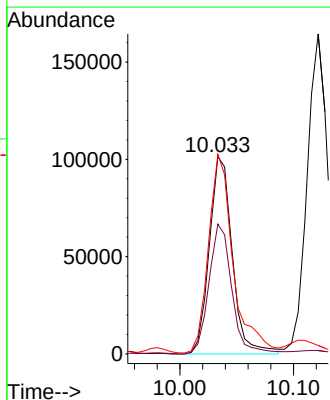
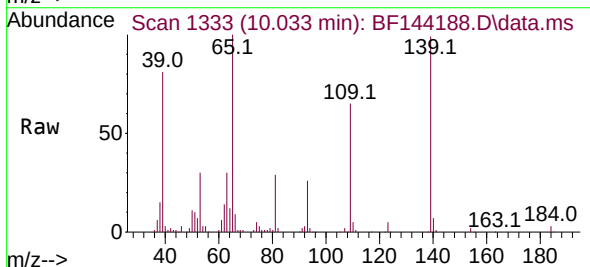
Manual Integrations
APPROVED

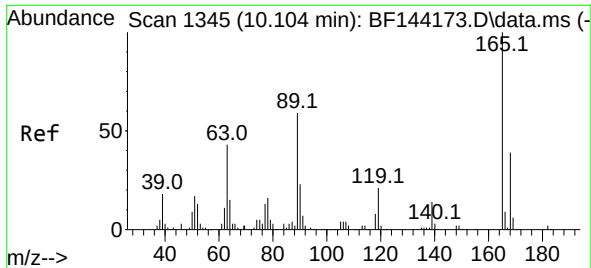
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#56
4-Nitrophenol
Concen: 85.219 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF144188.D
Acq: 06 Nov 2025 15:25

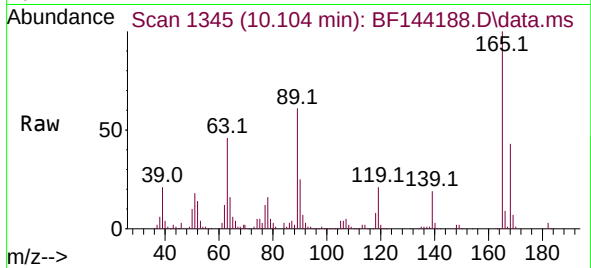
Tgt Ion:139 Resp: 142295
Ion Ratio Lower Upper
139 100
109 65.8 39.9 79.9
65 101.2 79.5 119.5





#57
2,4-Dinitrotoluene
Concen: 50.051 ng
RT: 10.104 min Scan# 1345
Delta R.T. 0.006 min
Lab File: BF144188.D
Acq: 06 Nov 2025 15:25

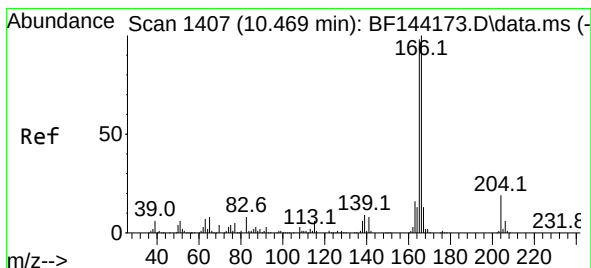
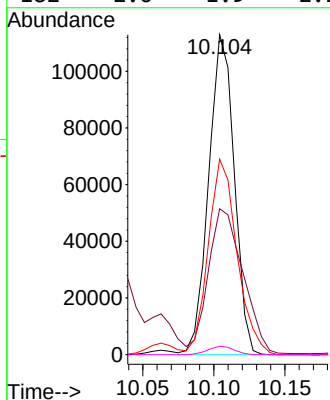
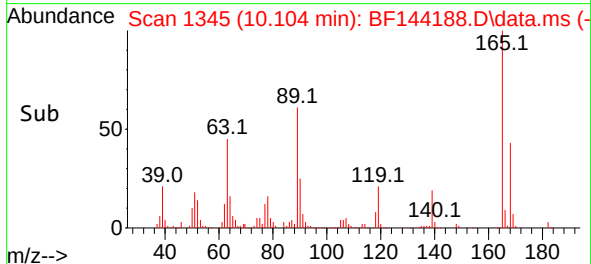
Instrument :
BNA_F
ClientSampleId :
TP-2MSD



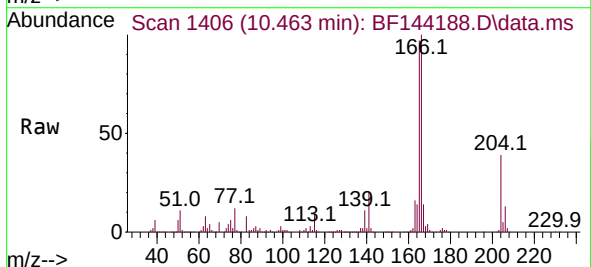
Tgt Ion:165 Resp: 141486
Ion Ratio Lower Upper
165 100
63 45.6 35.5 53.3
89 61.1 47.4 71.2
182 2.6 1.9 2.9

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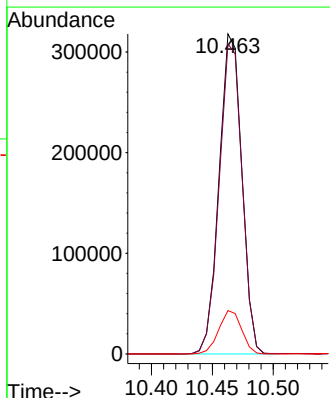
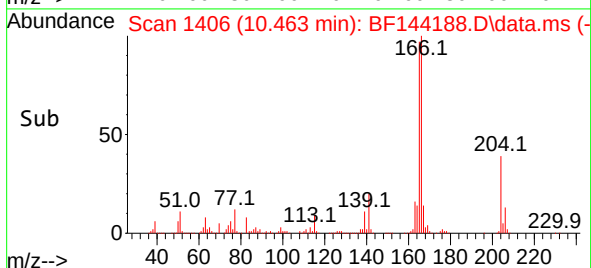
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

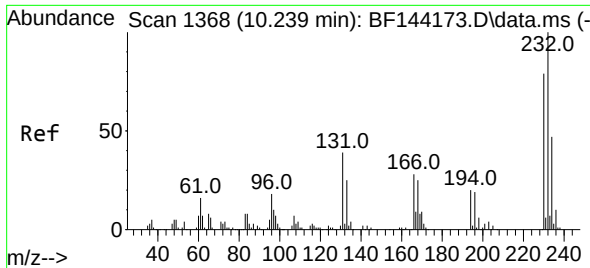


#58
Fluorene
Concen: 45.408 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.000 min
Lab File: BF144188.D
Acq: 06 Nov 2025 15:25



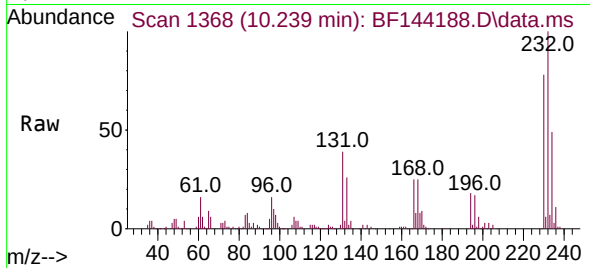
Tgt Ion:166 Resp: 413101
Ion Ratio Lower Upper
166 100
165 96.9 78.6 118.0
167 13.5 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.075 ng
RT: 10.239 min Scan# 1368
Delta R.T. -0.000 min
Lab File: BF144188.D
Acq: 06 Nov 2025 15:25

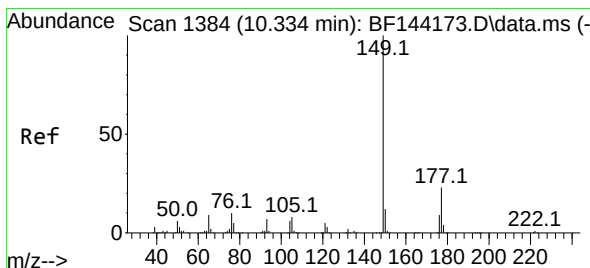
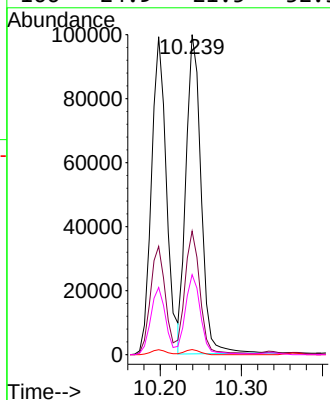
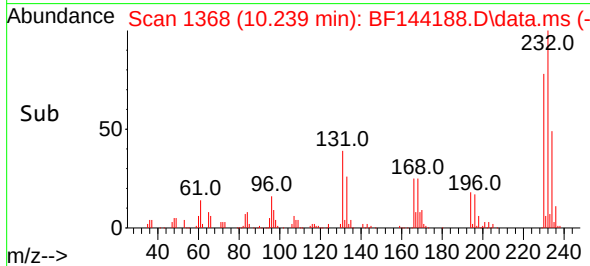
Instrument :
BNA_F
Client SampleId :
TP-2MSD



Tgt Ion:232 Resp: 128754
Ion Ratio Lower Upper
232 100
131 38.6 30.3 45.5
130 1.6 1.2 1.8
166 24.9 21.5 32.3

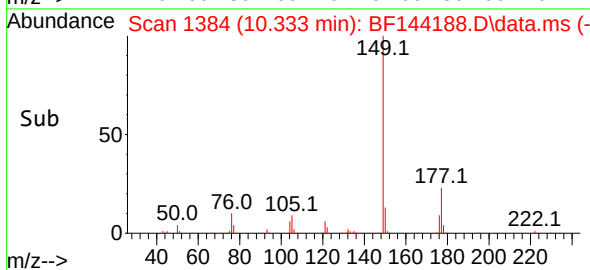
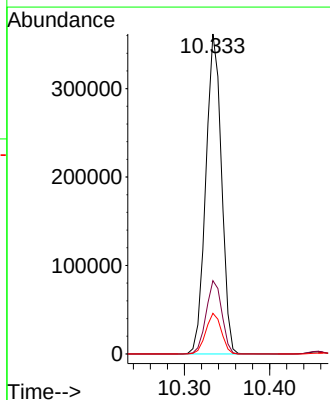
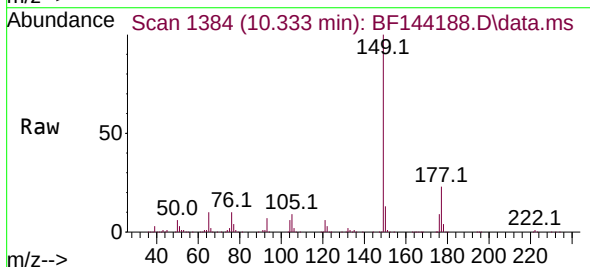
Manual Integrations
APPROVED

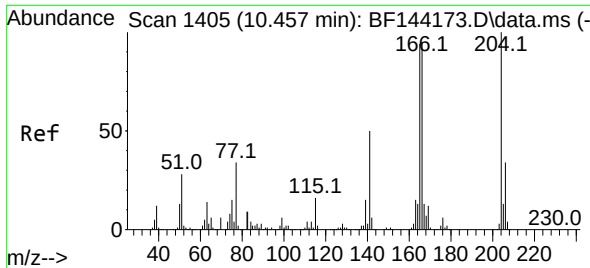
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#60
Diethylphthalate
Concen: 48.060 ng
RT: 10.333 min Scan# 1384
Delta R.T. 0.006 min
Lab File: BF144188.D
Acq: 06 Nov 2025 15:25

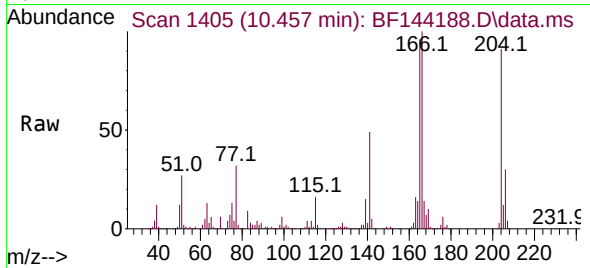
Tgt Ion:149 Resp: 462142
Ion Ratio Lower Upper
149 100
177 22.9 18.3 27.5
150 12.7 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 44.985 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BF144188.D
Acq: 06 Nov 2025 15:25

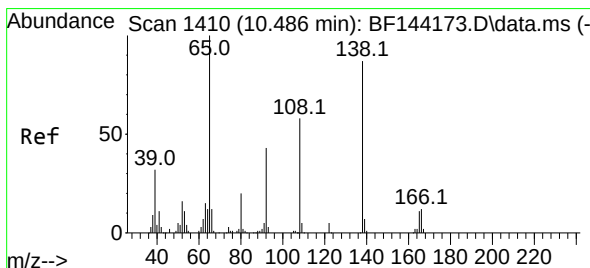
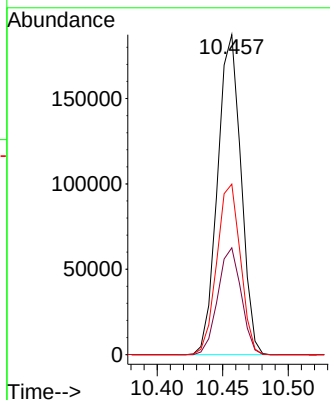
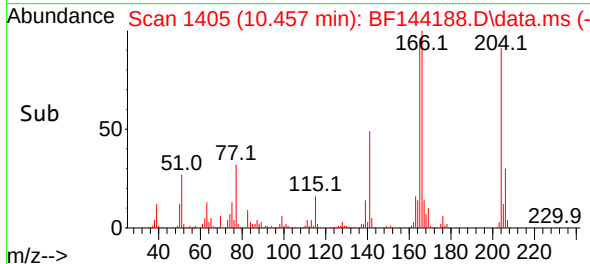
Instrument :
BNA_F
ClientSampleId :
TP-2MSD



Tgt Ion:204 Resp: 233124
Ion Ratio Lower Upper
204 100
206 33.4 27.4 41.2
141 53.3 40.0 60.0

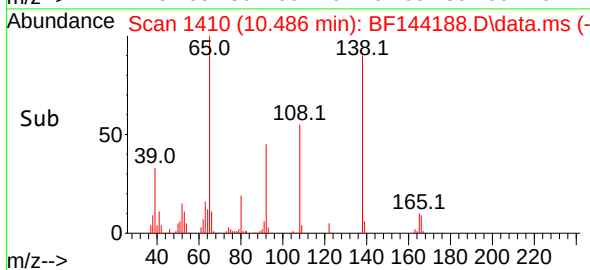
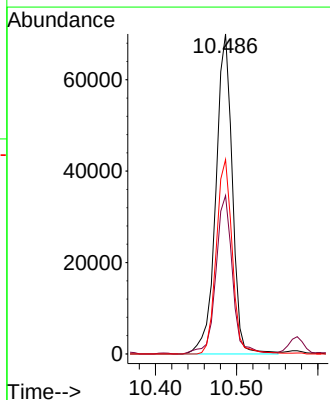
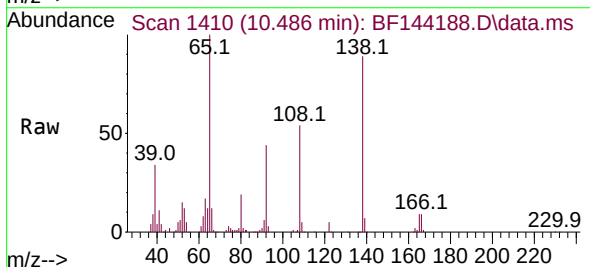
Manual Integrations
APPROVED

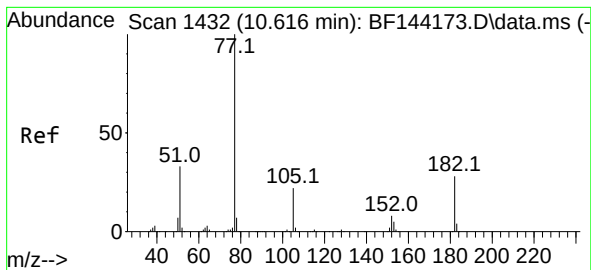
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#62
4-Nitroaniline
Concen: 44.793 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.012 min
Lab File: BF144188.D
Acq: 06 Nov 2025 15:25

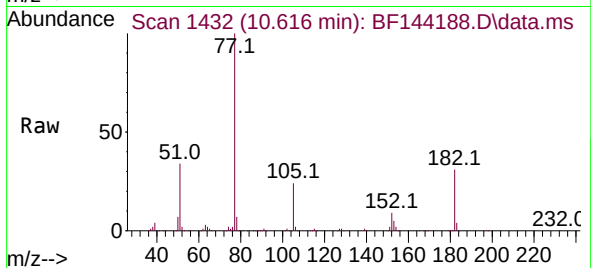
Tgt Ion:138 Resp: 98467
Ion Ratio Lower Upper
138 100
92 49.5 29.4 69.4
108 60.7 46.4 86.4





#63
Azobenzene
Concen: 50.732 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF144188.D
Acq: 06 Nov 2025 15:25

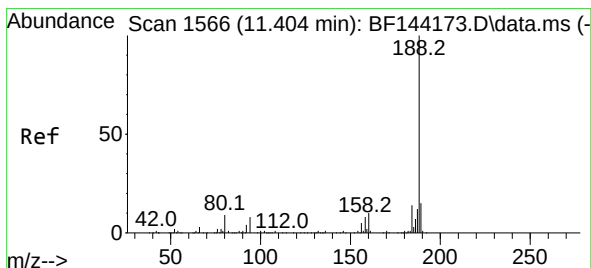
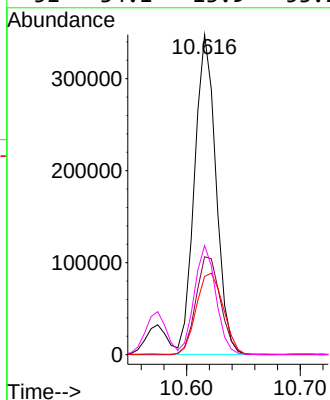
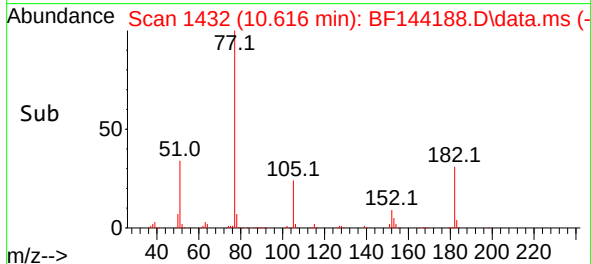
Instrument :
BNA_F
ClientSampleId :
TP-2MSD



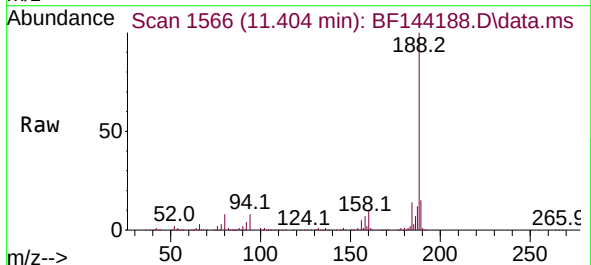
Tgt Ion: 77 Resp: 454015
Ion Ratio Lower Upper
77 100
182 30.6 8.1 48.1
105 24.4 2.0 42.0
51 34.1 13.9 53.9

Manual Integrations
APPROVED

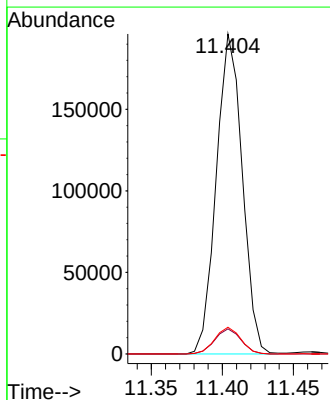
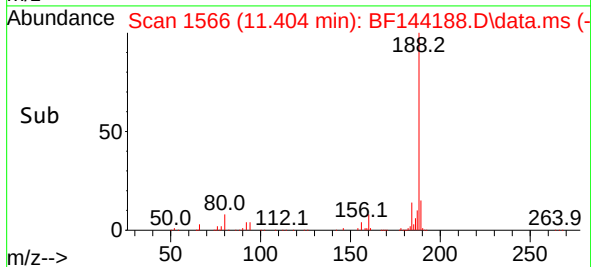
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

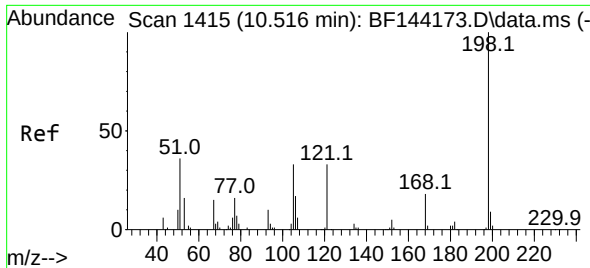


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1566
Delta R.T. -0.000 min
Lab File: BF144188.D
Acq: 06 Nov 2025 15:25



Tgt Ion:188 Resp: 249237
Ion Ratio Lower Upper
188 100
94 7.8 6.2 9.2
80 8.3 6.9 10.3





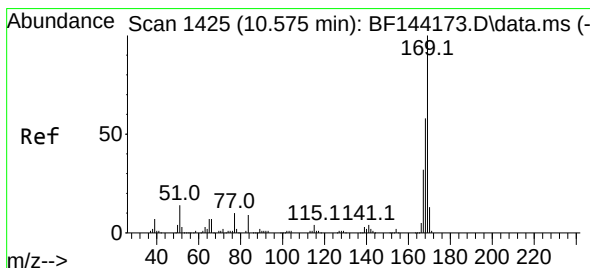
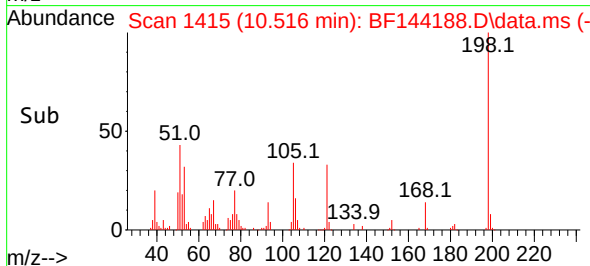
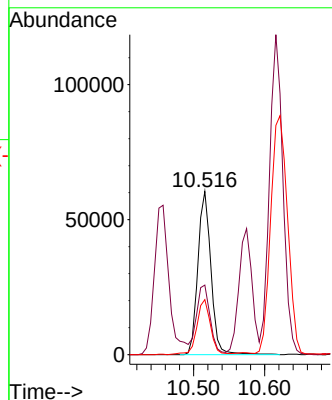
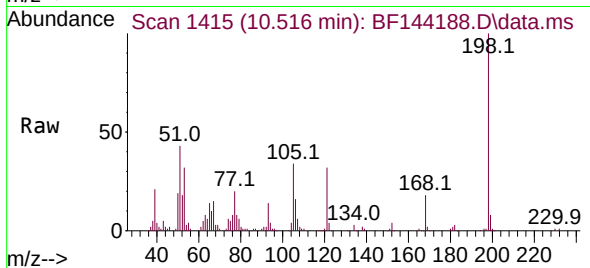
#65
4,6-Dinitro-2-methylphenol
Concen: 45.626 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF144188.D
Acq: 06 Nov 2025 15:25

Instrument :
BNA_F
ClientSampleId :
TP-2MSD

Tgt Ion:198 Resp: 77252
Ion Ratio Lower Upper
198 100
51 42.6 25.6 65.6
105 33.7 14.6 54.6

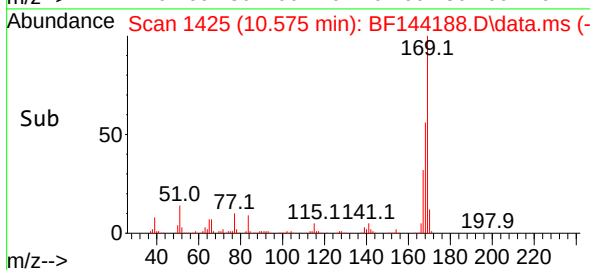
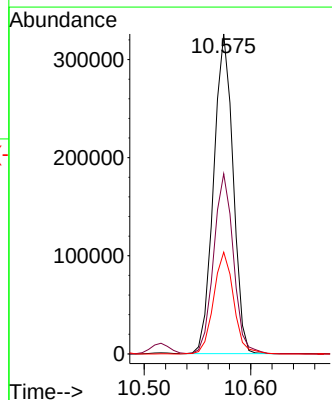
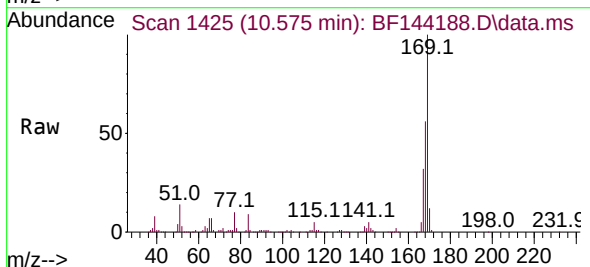
Manual Integrations
APPROVED

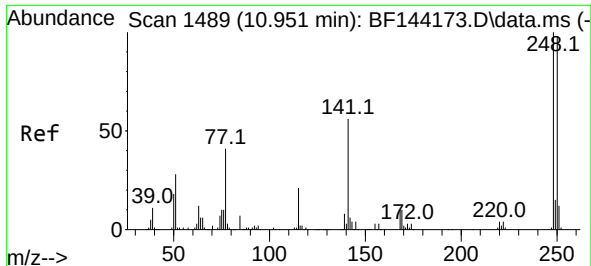
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#66
n-Nitrosodiphenylamine
Concen: 51.544 ng
RT: 10.575 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF144188.D
Acq: 06 Nov 2025 15:25

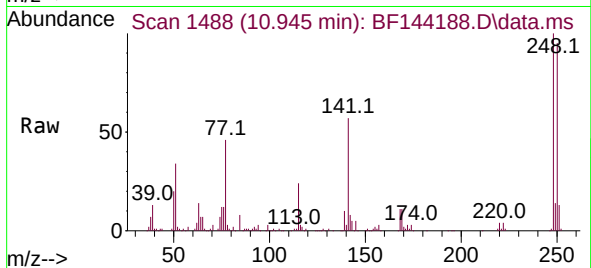
Tgt Ion:169 Resp: 413183
Ion Ratio Lower Upper
169 100
168 56.3 46.2 69.2
167 31.8 25.7 38.5





#67
4-Bromophenyl-phenylether
Concen: 48.944 ng
RT: 10.945 min Scan# 1488
Delta R.T. -0.000 min
Lab File: BF144188.D
Acq: 06 Nov 2025 15:25

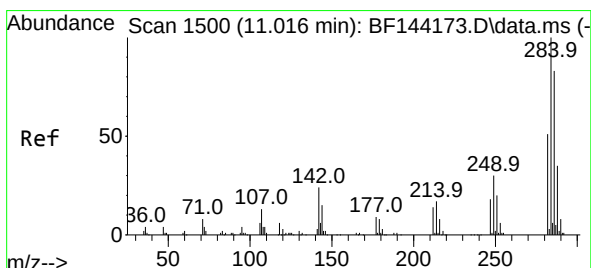
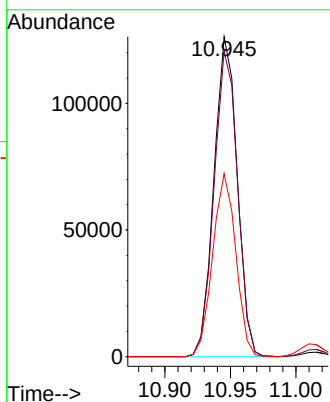
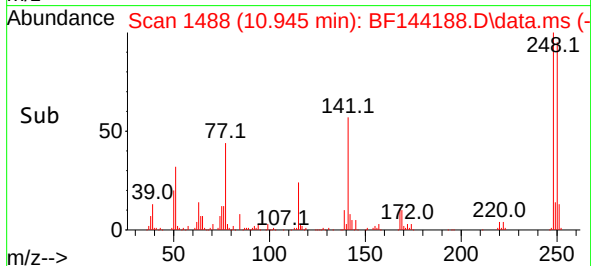
Instrument :
BNA_F
ClientSampleId :
TP-2MSD



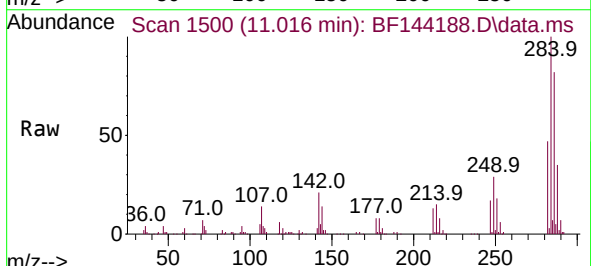
Tgt Ion:248 Resp: 155704
Ion Ratio Lower Upper
248 100
250 95.4 78.4 117.6
141 57.2 45.1 67.7

Manual Integrations
APPROVED

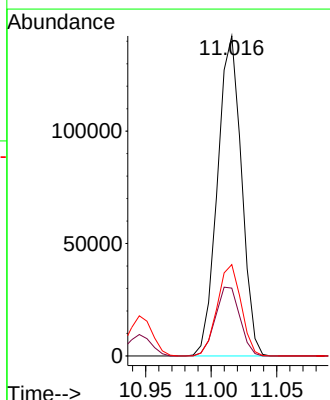
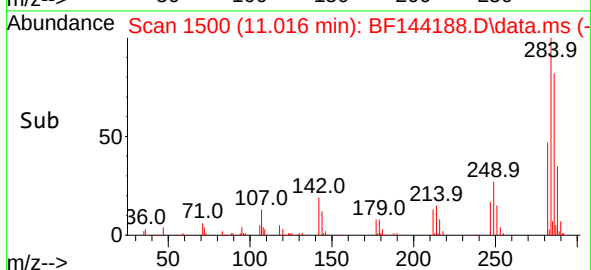
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

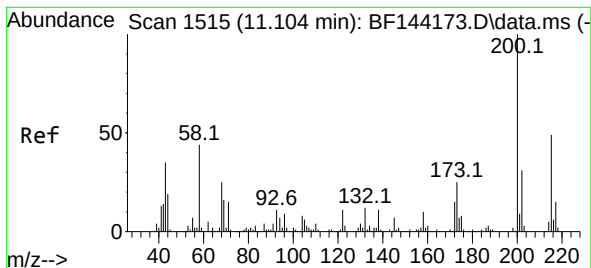


#68
Hexachlorobenzene
Concen: 48.401 ng
RT: 11.016 min Scan# 1500
Delta R.T. 0.006 min
Lab File: BF144188.D
Acq: 06 Nov 2025 15:25



Tgt Ion:284 Resp: 181363
Ion Ratio Lower Upper
284 100
142 21.2 19.2 28.8
249 28.5 23.8 35.8





#69

Atrazine

Concen: 53.649 ng

RT: 11.104 min Scan# 1515

Delta R.T. 0.006 min

Lab File: BF144188.D

Acq: 06 Nov 2025 15:25

Instrument :

BNA_F

ClientSampleId :

TP-2MSD

Tgt Ion:200 Resp: 136768

Ion Ratio Lower Upper

200 100

173 26.0 5.0 45.0

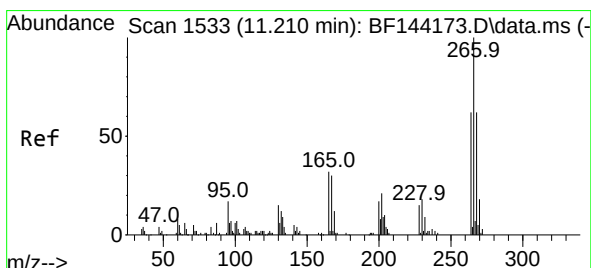
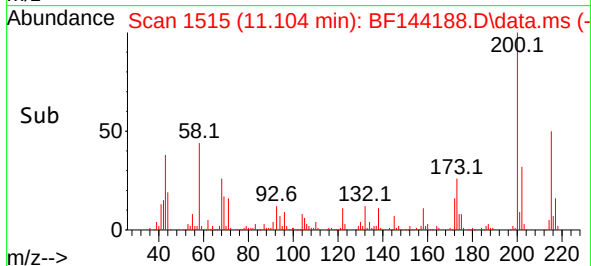
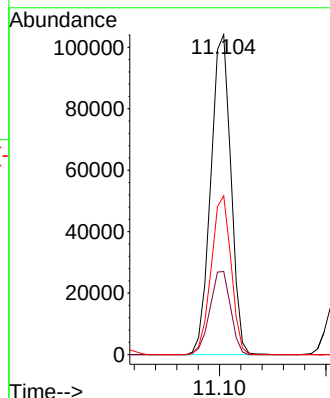
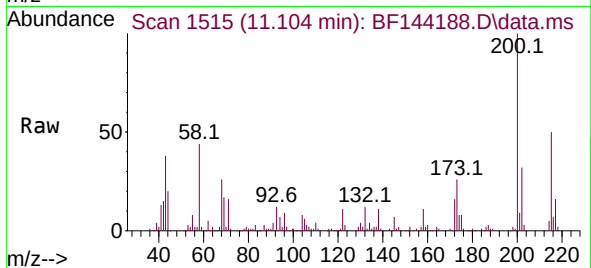
215 49.6 28.7 68.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/07/2025

Supervised By :Jagrut Upadhyay 11/10/2025



#70

Pentachlorophenol

Concen: 91.000 ng

RT: 11.210 min Scan# 1533

Delta R.T. -0.006 min

Lab File: BF144188.D

Acq: 06 Nov 2025 15:25

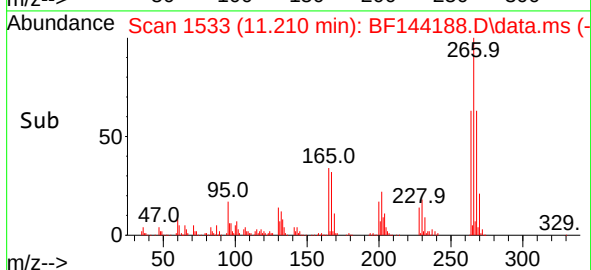
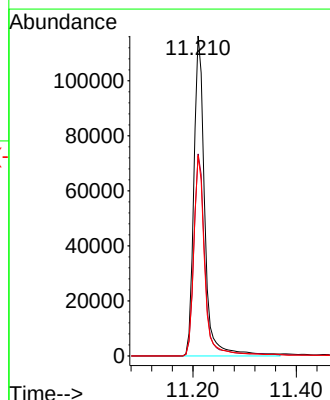
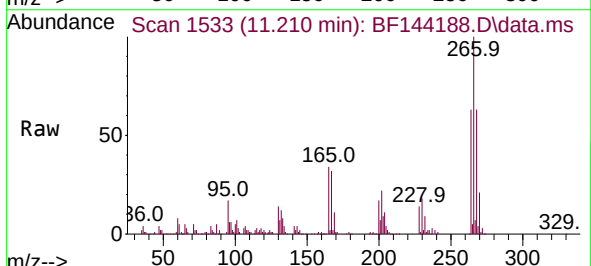
Tgt Ion:266 Resp: 169799

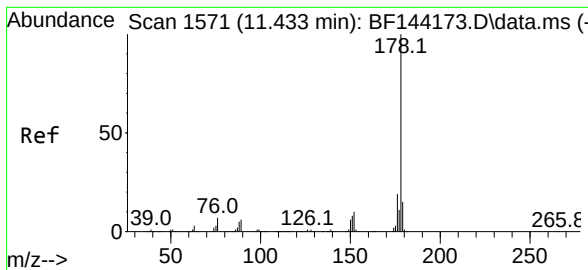
Ion Ratio Lower Upper

266 100

268 63.1 49.5 74.3

264 62.6 49.4 74.2





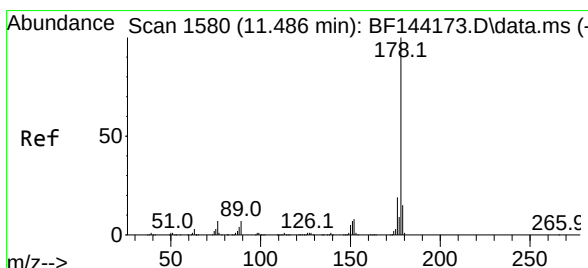
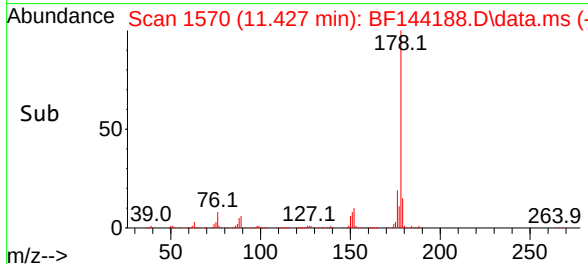
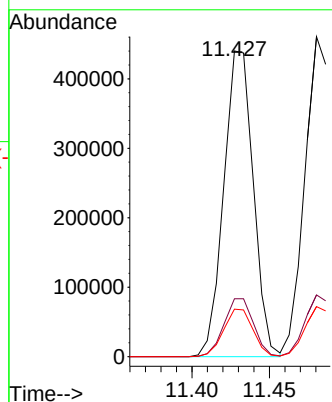
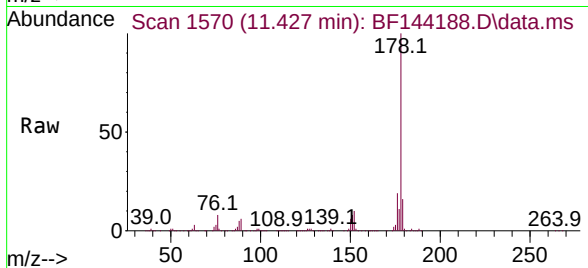
#71
Phenanthrene
Concen: 47.155 ng
RT: 11.427 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BF144188.D
Acq: 06 Nov 2025 15:25

Instrument :
BNA_F
ClientSampleId :
TP-2MSD

Tgt Ion:178 Resp: 585159
Ion Ratio Lower Upper
178 100
176 18.9 15.5 23.3
179 15.5 12.2 18.4

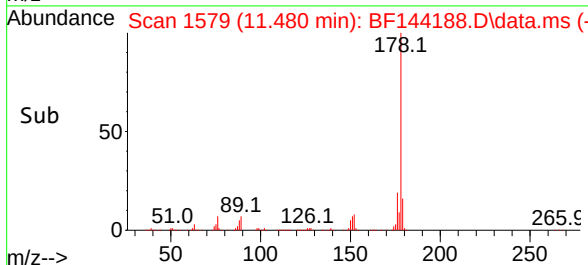
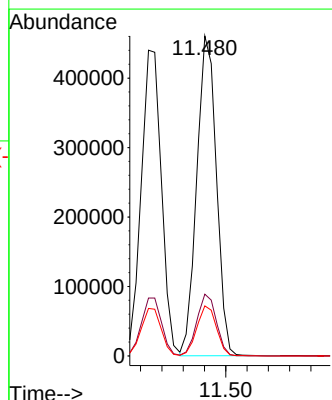
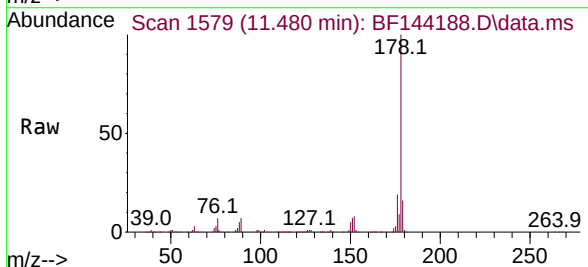
Manual Integrations
APPROVED

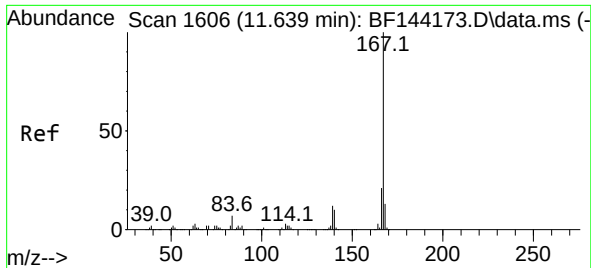
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#72
Anthracene
Concen: 46.632 ng
RT: 11.480 min Scan# 1579
Delta R.T. -0.000 min
Lab File: BF144188.D
Acq: 06 Nov 2025 15:25

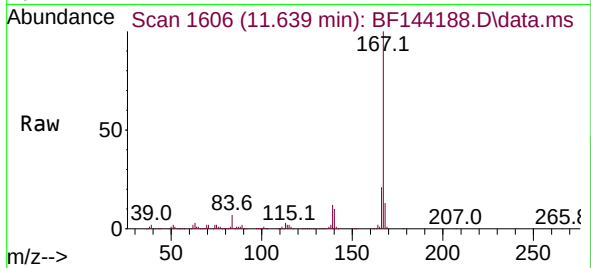
Tgt Ion:178 Resp: 588398
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 15.6 12.0 18.0





#73
 Carbazole
 Concen: 47.115 ng
 RT: 11.639 min Scan# 1606
 Delta R.T. -0.000 min
 Lab File: BF144188.D
 Acq: 06 Nov 2025 15:25

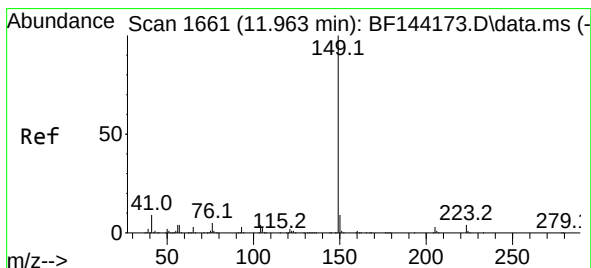
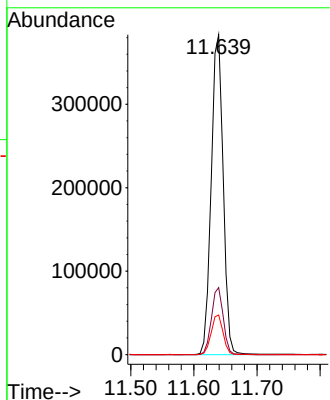
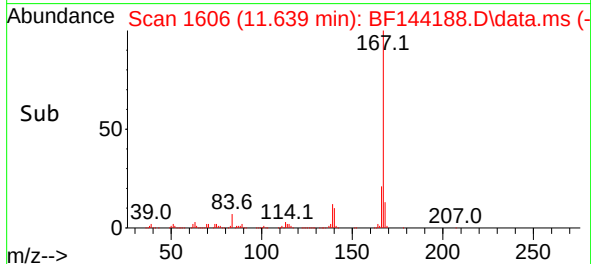
Instrument :
 BNA_F
 ClientSampleId :
 TP-2MSD



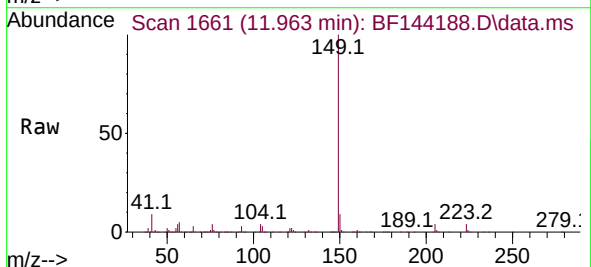
Tgt Ion:167 Resp: 505519
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.2 25.8
 139 12.4 9.9 14.9

Manual Integrations
 APPROVED

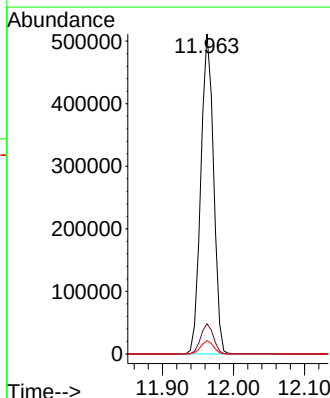
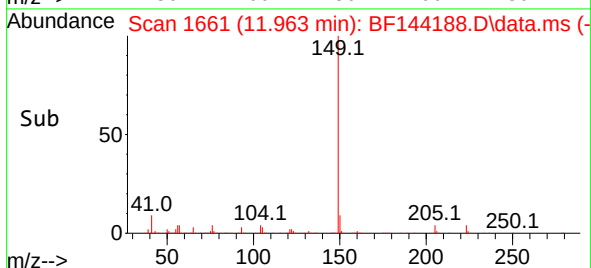
Reviewed By :Rahul Chavli 11/07/2025
 Supervised By :Jagrut Upadhyay 11/10/2025

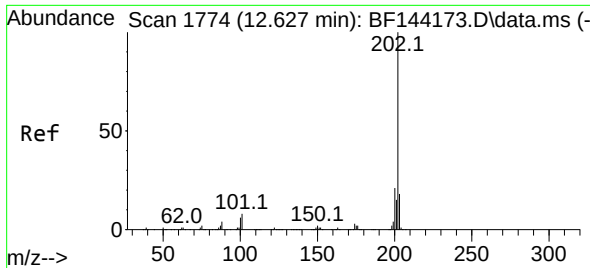


#74
 Di-n-butylphthalate
 Concen: 48.828 ng
 RT: 11.963 min Scan# 1661
 Delta R.T. -0.000 min
 Lab File: BF144188.D
 Acq: 06 Nov 2025 15:25



Tgt Ion:149 Resp: 633343
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.0
 104 4.1 3.4 5.2





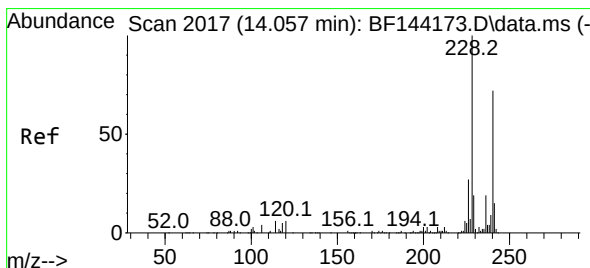
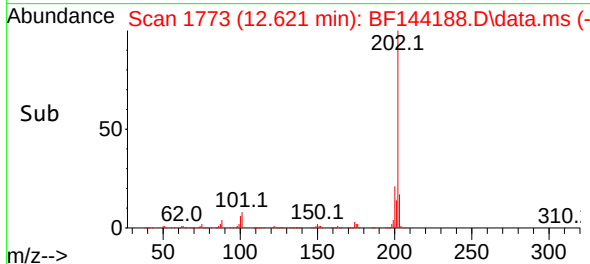
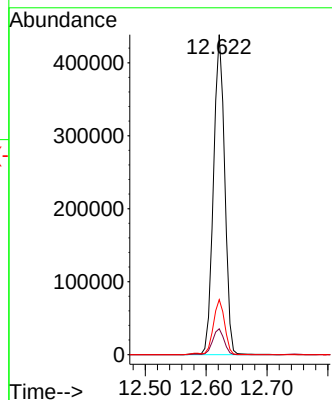
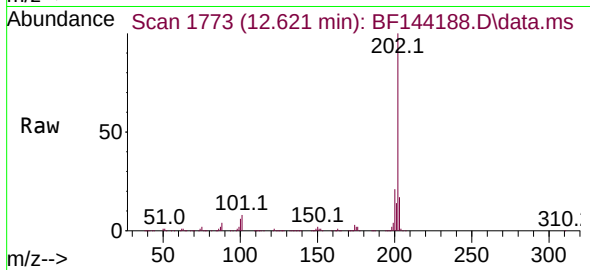
#75
Fluoranthene
Concen: 43.741 ng
RT: 12.621 min Scan# 1774
Delta R.T. -0.000 min
Lab File: BF144188.D
Acq: 06 Nov 2025 15:25

Instrument :
BNA_F
ClientSampleId :
TP-2MSD

Tgt Ion:202 Resp: 560698
Ion Ratio Lower Upper
202 100
101 8.1 0.0 27.9
203 17.2 0.0 37.5

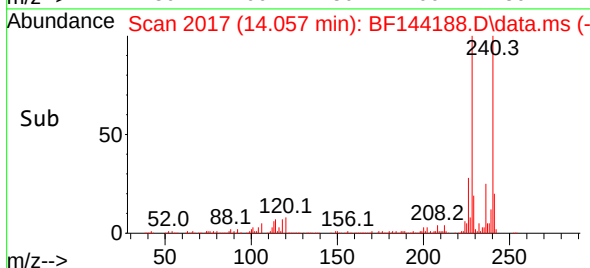
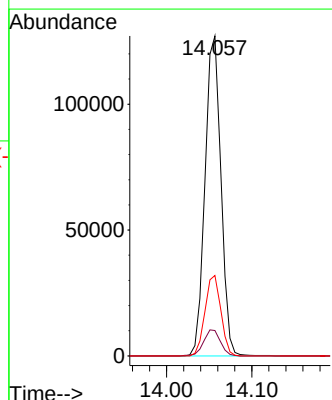
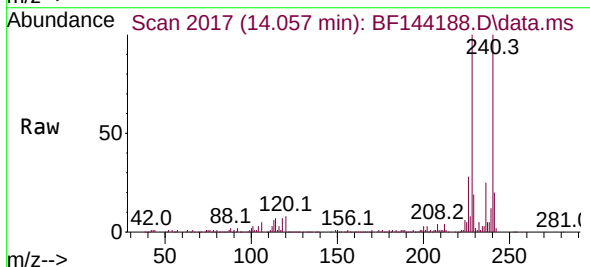
Manual Integrations
APPROVED

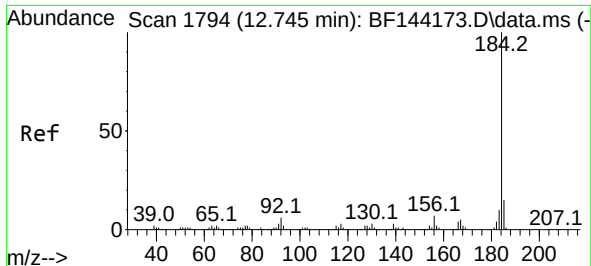
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BF144188.D
Acq: 06 Nov 2025 15:25

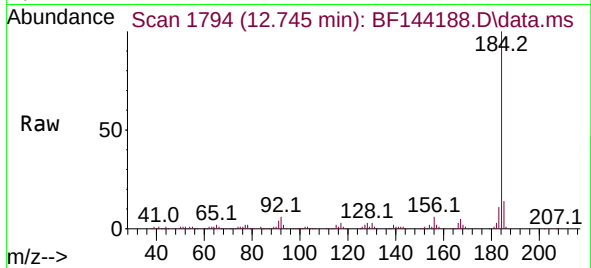
Tgt Ion:240 Resp: 164871
Ion Ratio Lower Upper
240 100
120 7.9 6.6 10.0
236 25.1 21.4 32.2





#77
Benzidine
Concen: 43.077 ng
RT: 12.745 min Scan# 1794
Delta R.T. -0.006 min
Lab File: BF144188.D
Acq: 06 Nov 2025 15:25

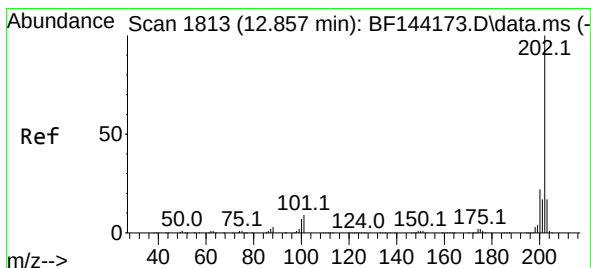
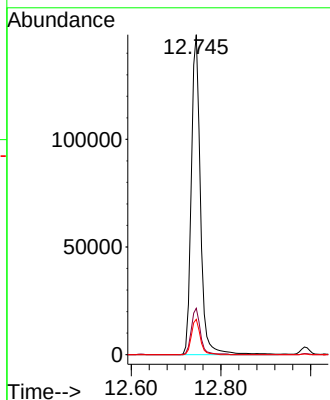
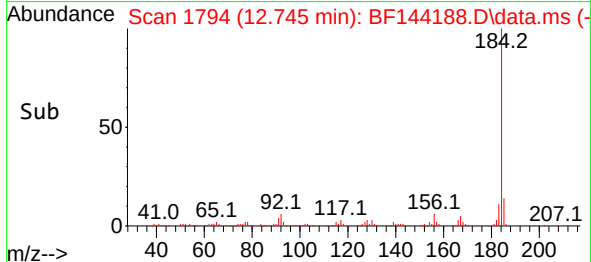
Instrument :
BNA_F
ClientSampleId :
TP-2MSD



Tgt Ion:184 Resp: 210076
Ion Ratio Lower Upper
184 100
185 14.5 11.7 17.5
183 11.0 8.3 12.5

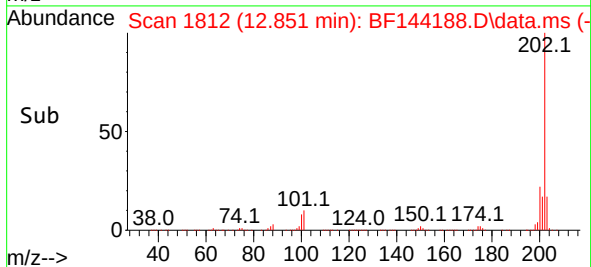
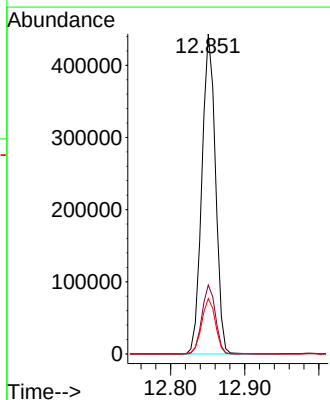
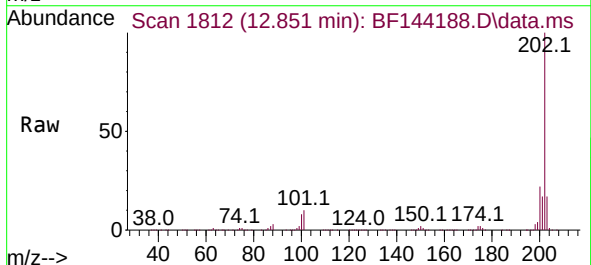
Manual Integrations
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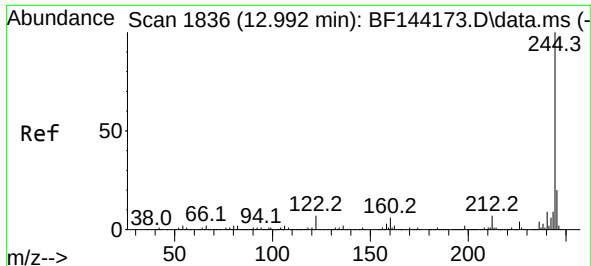
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#78
Pyrene
Concen: 42.475 ng
RT: 12.851 min Scan# 1812
Delta R.T. -0.000 min
Lab File: BF144188.D
Acq: 06 Nov 2025 15:25

Tgt Ion:202 Resp: 564630
Ion Ratio Lower Upper
202 100
200 21.5 17.2 25.8
203 17.3 13.7 20.5





#79
 Terphenyl-d14
 Concen: 37.030 ng
 RT: 12.986 min Scan# 1835
 Delta R.T. -0.006 min
 Lab File: BF144188.D
 Acq: 06 Nov 2025 15:25

Instrument :

BNA_F

ClientSampleId :

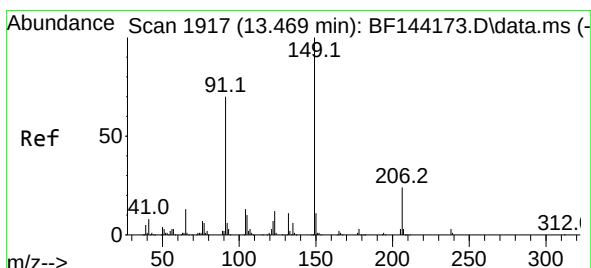
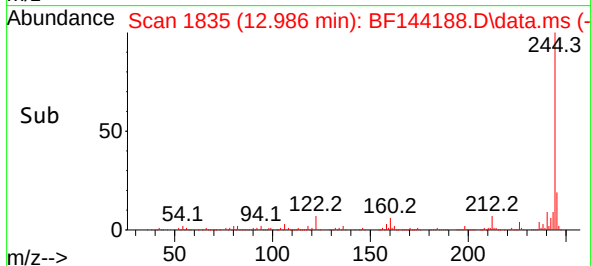
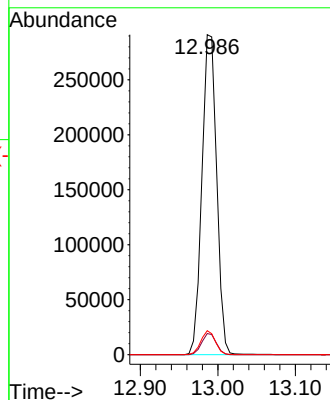
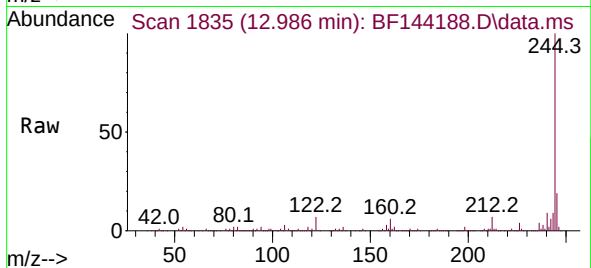
TP-2MSD

Tgt Ion:244 Resp: 384362
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.3 7.9
 122 7.5 5.6 8.4

Manual Integrations

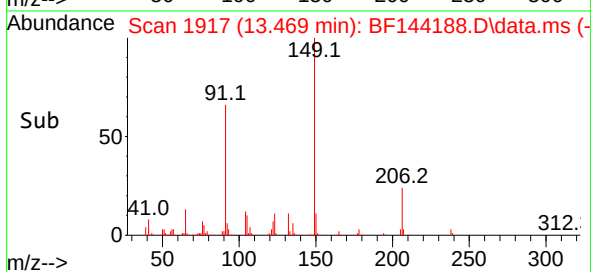
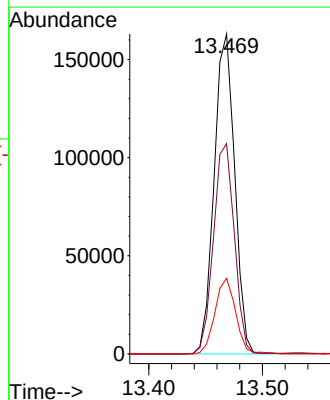
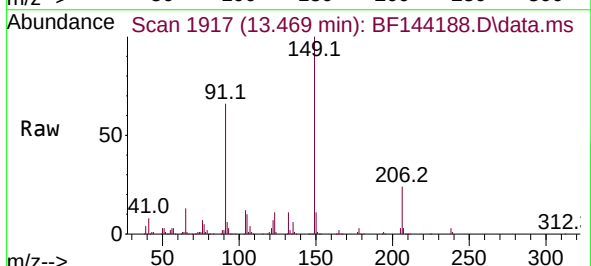
APPROVED

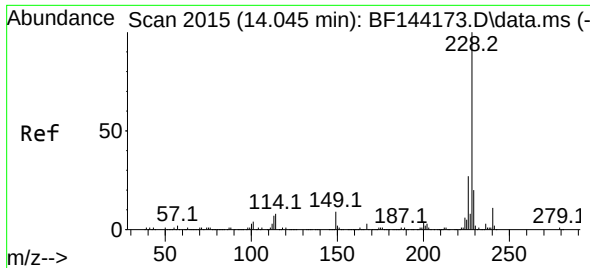
Reviewed By :Rahul Chavli 11/07/2025
 Supervised By :Jagrut Upadhyay 11/10/2025



#80
 Butylbenzylphthalate
 Concen: 44.492 ng
 RT: 13.469 min Scan# 1917
 Delta R.T. -0.000 min
 Lab File: BF144188.D
 Acq: 06 Nov 2025 15:25

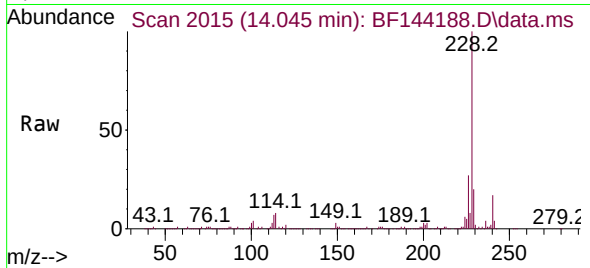
Tgt Ion:149 Resp: 204988
 Ion Ratio Lower Upper
 149 100
 91 65.7 56.1 84.1
 206 23.6 18.8 28.2





#81
Benzo(a)anthracene
Concen: 47.768 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BF144188.D
Acq: 06 Nov 2025 15:25

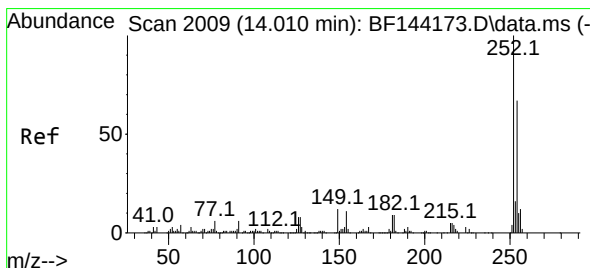
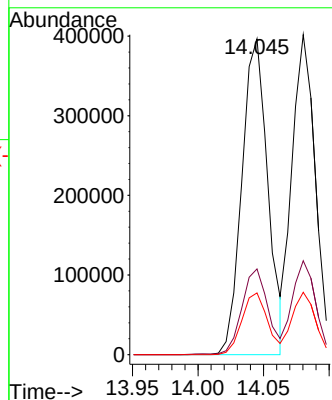
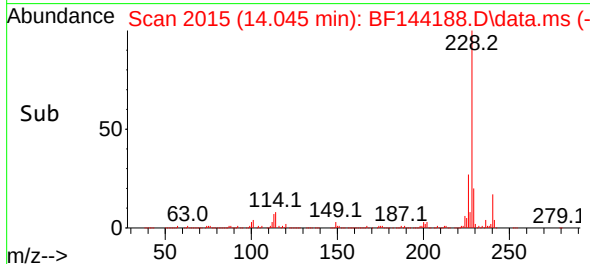
Instrument :
BNA_F
Client SampleId :
TP-2MSD



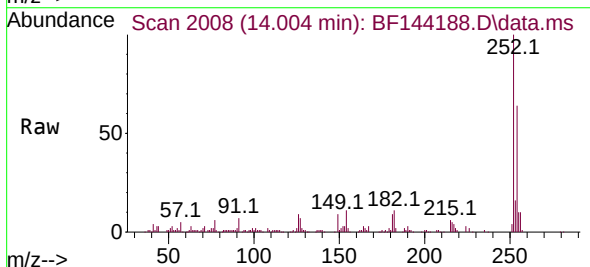
Tgt Ion:228 Resp: 545836
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.8
229 19.5 15.8 23.6

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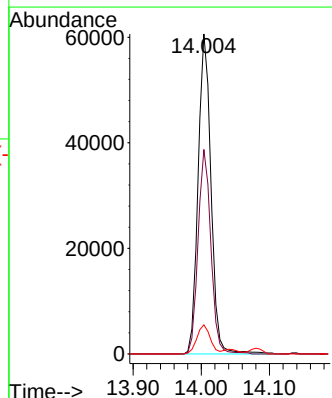
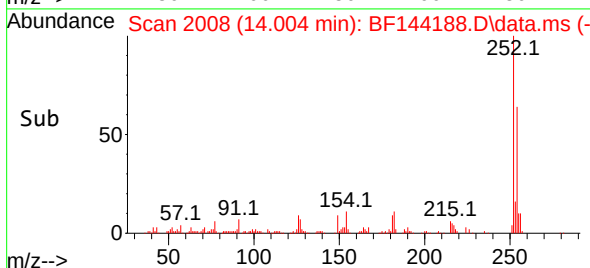
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

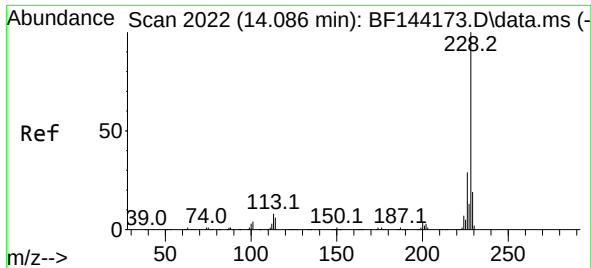


#82
3,3'-Dichlorobenzidine
Concen: 20.354 ng
RT: 14.004 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BF144188.D
Acq: 06 Nov 2025 15:25



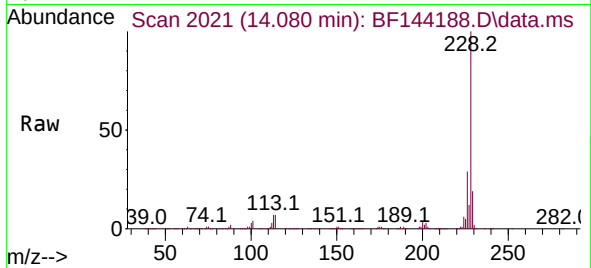
Tgt Ion:252 Resp: 79721
Ion Ratio Lower Upper
252 100
254 63.9 53.5 80.3
126 9.1 6.4 9.6





#83
Chrysene
Concen: 47.126 ng
RT: 14.080 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BF144188.D
Acq: 06 Nov 2025 15:25

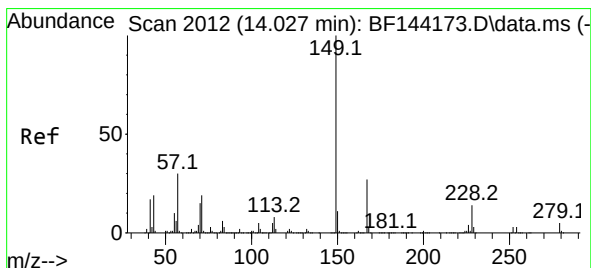
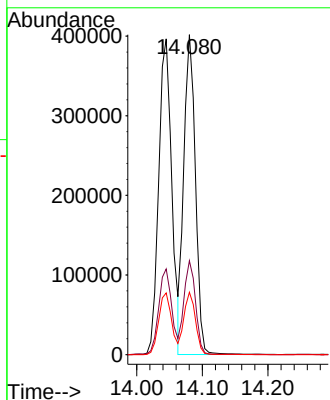
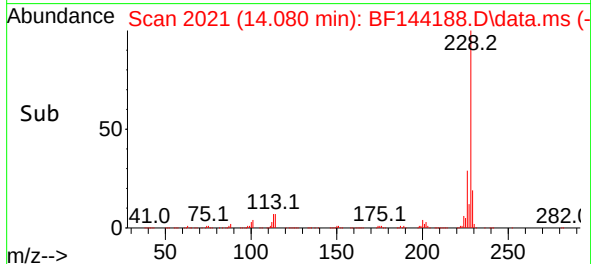
Instrument :
BNA_F
ClientSampleId :
TP-2MSD



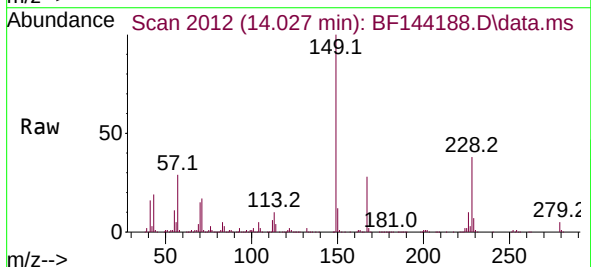
Tgt Ion:228 Resp: 497107
Ion Ratio Lower Upper
228 100
226 29.3 22.9 34.3
229 19.5 15.0 22.6

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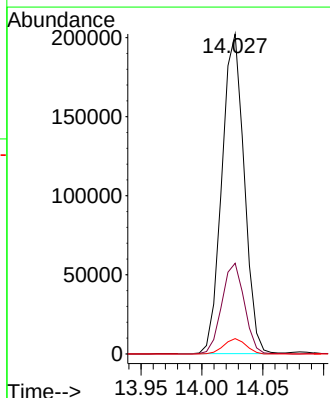
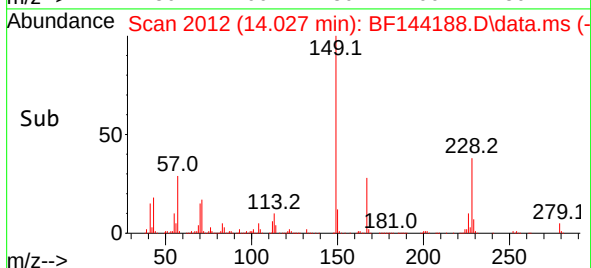
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

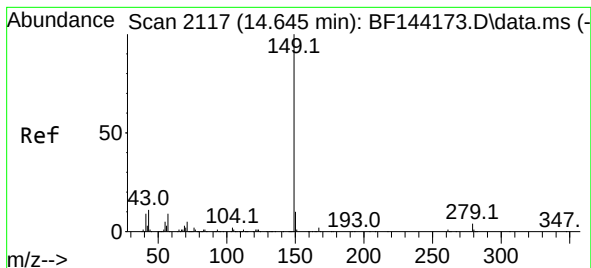


#84
Bis(2-ethylhexyl)phthalate
Concen: 40.894 ng
RT: 14.027 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BF144188.D
Acq: 06 Nov 2025 15:25



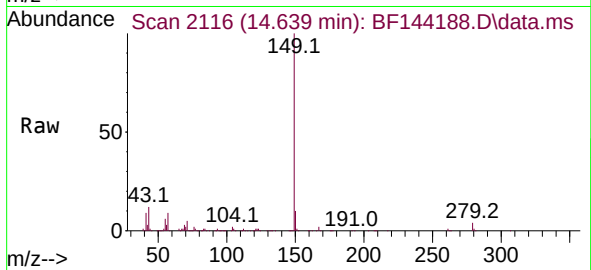
Tgt Ion:149 Resp: 257923
Ion Ratio Lower Upper
149 100
167 28.3 21.8 32.8
279 4.8 3.7 5.5





#85
Di-n-octyl phthalate
Concen: 43.134 ng
RT: 14.639 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BF144188.D
Acq: 06 Nov 2025 15:25

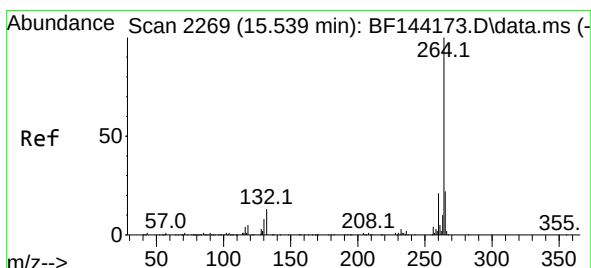
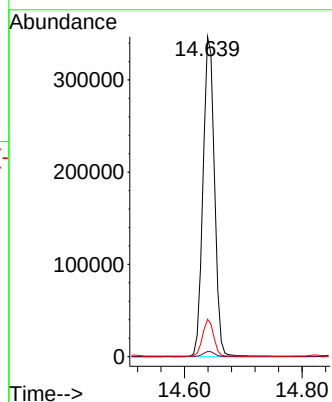
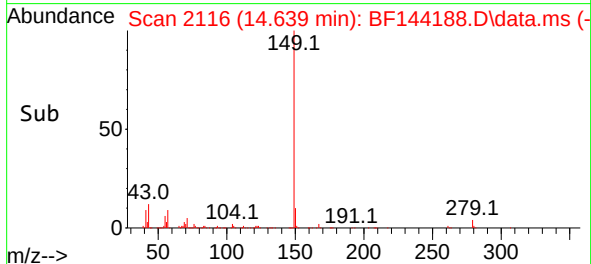
Instrument :
BNA_F
ClientSampleId :
TP-2MSD



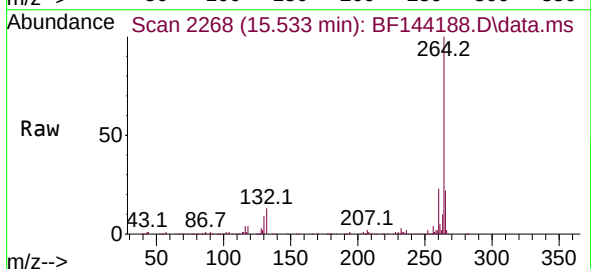
Tgt Ion:149 Resp: 469383
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 11.1 9.0 13.4

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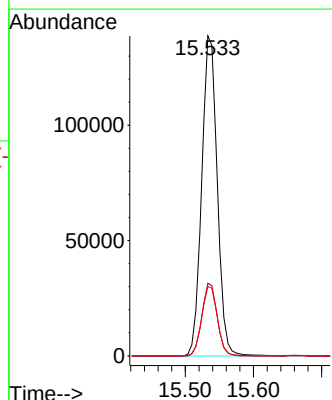
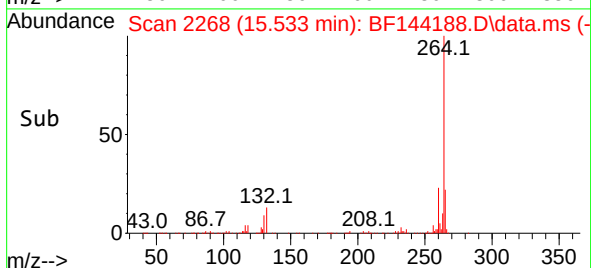
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

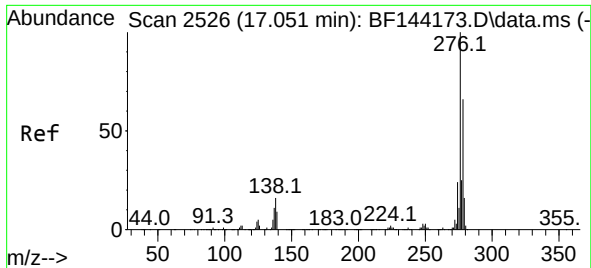


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF144188.D
Acq: 06 Nov 2025 15:25



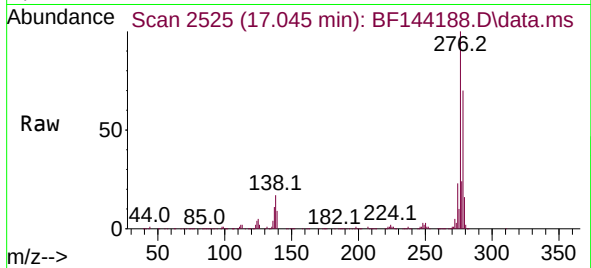
Tgt Ion:264 Resp: 219505
Ion Ratio Lower Upper
264 100
260 22.7 17.1 25.7
265 21.7 17.4 26.0





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 41.881 ng
 RT: 17.045 min Scan# 2195
 Delta R.T. 0.012 min
 Lab File: BF144188.D
 Acq: 06 Nov 2025 15:25

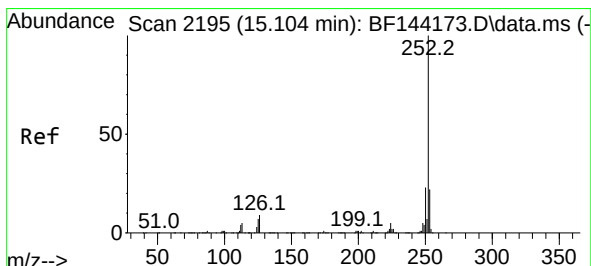
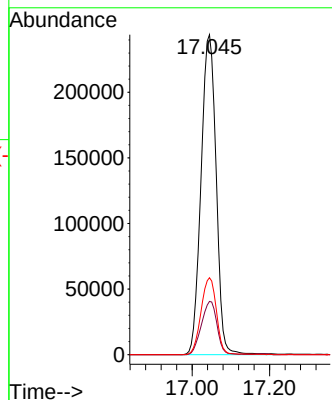
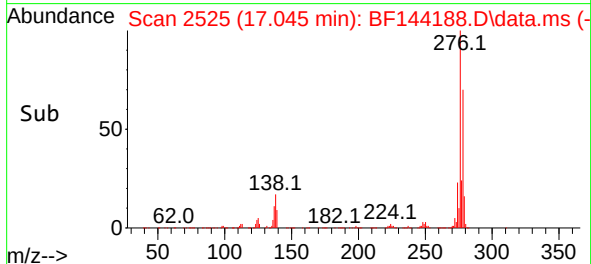
Instrument :
 BNA_F
 ClientSampleId :
 TP-2MSD



Tgt Ion: 276 Resp: 65992
 Ion Ratio Lower Upper
 276 100
 138 17.2 13.9 20.9
 277 24.3 19.8 29.6

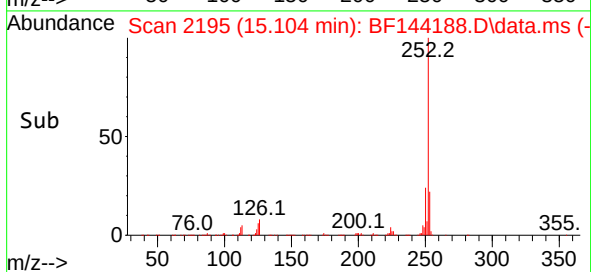
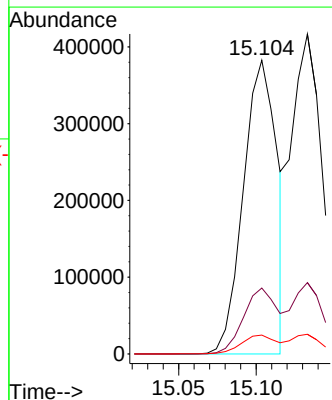
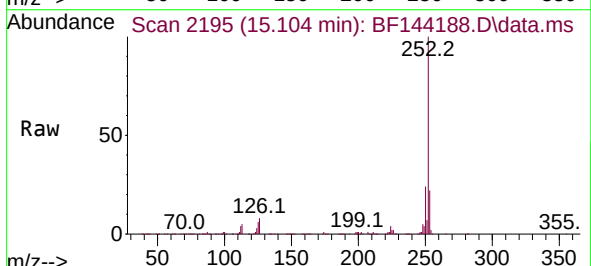
Manual Integrations
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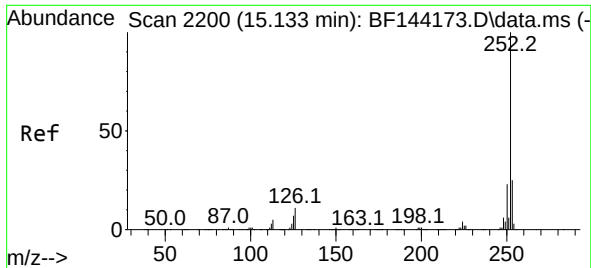
Reviewed By :Rahul Chavli 11/07/2025
 Supervised By :Jagrut Upadhyay 11/10/2025



#88
 Benzo(b)fluoranthene
 Concen: 46.304 ng
 RT: 15.104 min Scan# 2195
 Delta R.T. 0.006 min
 Lab File: BF144188.D
 Acq: 06 Nov 2025 15:25

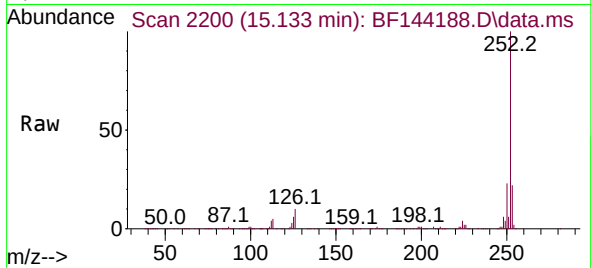
Tgt Ion: 252 Resp: 577836
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.4 26.2
 125 6.4 5.3 7.9





#89
Benzo(k)fluoranthene
Concen: 49.602 ng
RT: 15.133 min Scan# 2200
Delta R.T. 0.006 min
Lab File: BF144188.D
Acq: 06 Nov 2025 15:25

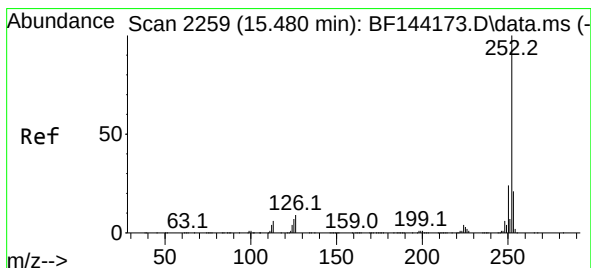
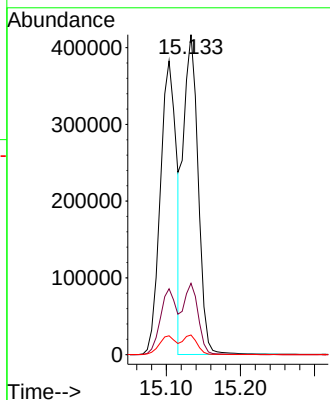
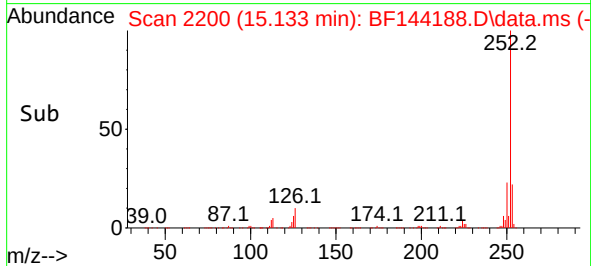
Instrument :
BNA_F
ClientSampleId :
TP-2MSD



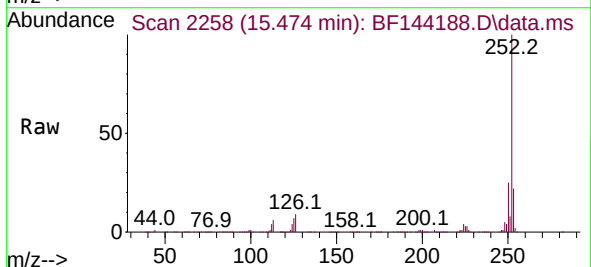
Tgt Ion:252 Resp: 579376
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 6.1 5.4 8.2

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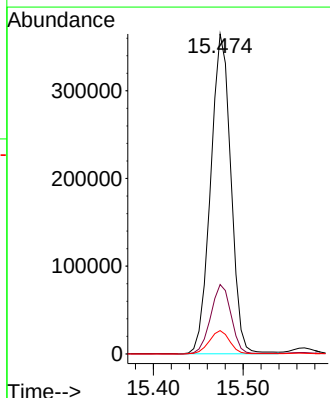
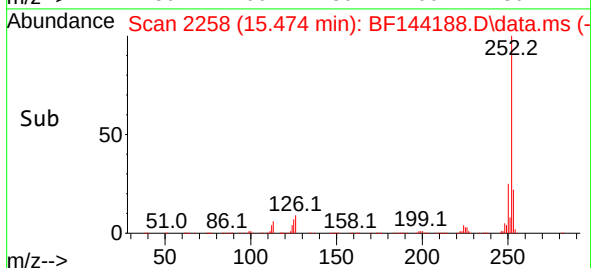
Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

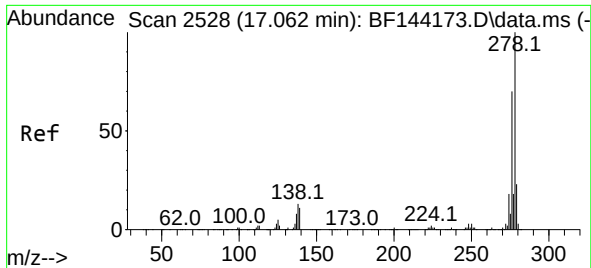


#90
Benzo(a)pyrene
Concen: 49.726 ng
RT: 15.474 min Scan# 2258
Delta R.T. -0.000 min
Lab File: BF144188.D
Acq: 06 Nov 2025 15:25



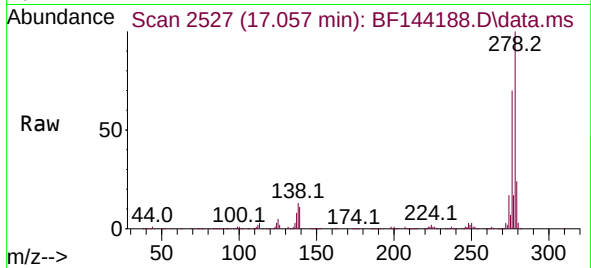
Tgt Ion:252 Resp: 572479
Ion Ratio Lower Upper
252 100
253 21.7 16.7 25.1
125 7.3 5.7 8.5





#91
Dibenzo(a,h)anthracene
Concen: 42.627 ng
RT: 17.057 min Scan# 2527
Delta R.T. 0.006 min
Lab File: BF144188.D
Acq: 06 Nov 2025 15:25

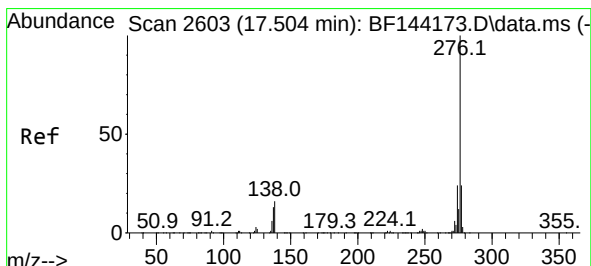
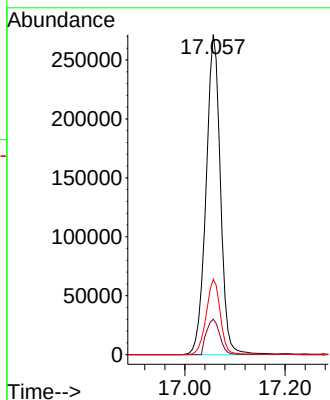
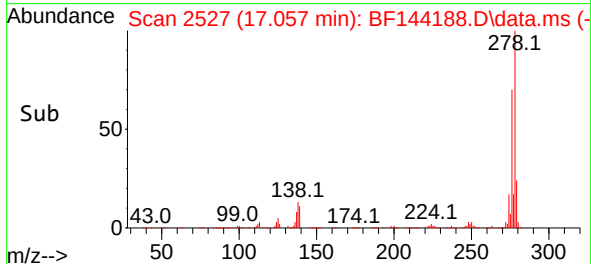
Instrument :
BNA_F
ClientSampleId :
TP-2MSD



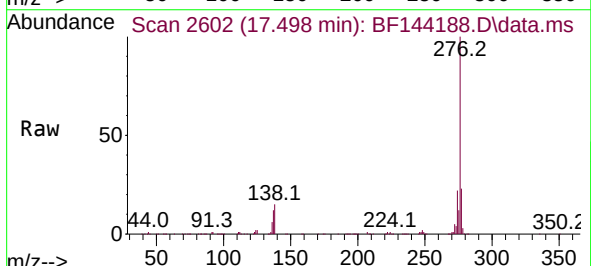
Tgt Ion:278 Resp: 539429
Ion Ratio Lower Upper
278 100
139 11.0 9.1 13.7
279 23.5 18.2 27.4

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



#92
Benzo(g,h,i)perylene
Concen: 40.020 ng
RT: 17.498 min Scan# 2602
Delta R.T. 0.006 min
Lab File: BF144188.D
Acq: 06 Nov 2025 15:25



Tgt Ion:276 Resp: 500115
Ion Ratio Lower Upper
276 100
277 22.6 19.0 28.4
138 15.1 12.9 19.3

