

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
 Data File : BF144088.D
 Acq On : 27 Oct 2025 17:33
 Operator : RC/JU
 Sample : Q3395-04MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PR132-S07-000102-22510170MSD

Quant Time: Oct 27 18:01:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/30/2025
 Supervised By :mohammad ahmed 10/30/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	51273	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	192222	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	110360	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	190166	20.000	ng	0.00
76) Chrysene-d12	14.063	240	124342	20.000	ng	0.00
86) Perylene-d12	15.545	264	167596	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	89842	27.722	ng	0.00
7) Phenol-d6	6.498	99	145881	40.759	ng	0.00
23) Nitrobenzene-d5	7.439	82	146415	41.731	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	110549	78.639	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	322094	41.071	ng	0.00
79) Terphenyl-d14	12.998	244	346001	48.647	ng	0.00
Target Compounds						Qvalue
3) Pyridine	3.399	79	11022	2.940	ng	97
6) Aniline	6.540	93	178361	34.833	ng	95
8) 2-Chlorophenol	6.663	128	104258	32.667	ng	97
9) Benzaldehyde	6.428	77	46073	16.580	ng	96
10) Phenol	6.516	94	107710	24.393	ng	94
11) bis(2-Chloroethyl)ether	6.610	93	108802	34.100	ng	98
12) 1,3-Dichlorobenzene	6.816	146	141762	36.008	ng	98
13) 1,4-Dichlorobenzene	6.892	146	142845	36.817	ng	97
14) 1,2-Dichlorobenzene	7.045	146	137904	36.734	ng	99
15) Benzyl Alcohol	7.016	79	102943	35.373	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.151	45	231281	38.568	ng	99
17) 2-Methylphenol	7.128	107	85429	34.803	ng	97
18) Hexachloroethane	7.392	117	49986	36.035	ng	98
19) n-Nitroso-di-n-propyla...	7.287	70	91377	39.481	ng	97
20) 3+4-Methylphenols	7.281	107	105537	36.370	ng	# 84
22) Acetophenone	7.287	105	175234	42.183	ng	95
24) Nitrobenzene	7.457	77	136537	36.788	ng	99
25) Isophorone	7.698	82	251531	41.006	ng	99
26) 2-Nitrophenol	7.775	139	69786	39.525	ng	99
27) 2,4-Dimethylphenol	7.810	122	116871	44.542	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	159521	41.701	ng	100
29) 2,4-Dichlorophenol	8.016	162	123665	40.529	ng	98
30) 1,2,4-Trichlorobenzene	8.104	180	128715	41.004	ng	99
31) Naphthalene	8.186	128	361647	39.862	ng	99
32) Benzoic acid	7.928	122	82195	49.386	ng	# 84
33) 4-Chloroaniline	8.234	127	148010	46.864	ng	98
34) Hexachlorobutadiene	8.298	225	97674	38.053	ng	98
35) Caprolactam	8.592	113	42500m	55.543	ng	
36) 4-Chloro-3-methylphenol	8.710	107	124875	46.375	ng	94
37) 2-Methylnaphthalene	8.875	142	229962	38.446	ng	97
38) 1-Methylnaphthalene	8.975	142	234410	41.364	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	158893	41.893	ng	99
41) Hexachlorocyclopentadiene	9.028	237	98769	84.312	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	104110	42.230	ng	100
44) 2,4,5-Trichlorophenol	9.198	196	109480	42.313	ng	97
46) 1,1'-Biphenyl	9.339	154	342073	43.300	ng	99

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Manual Integrations
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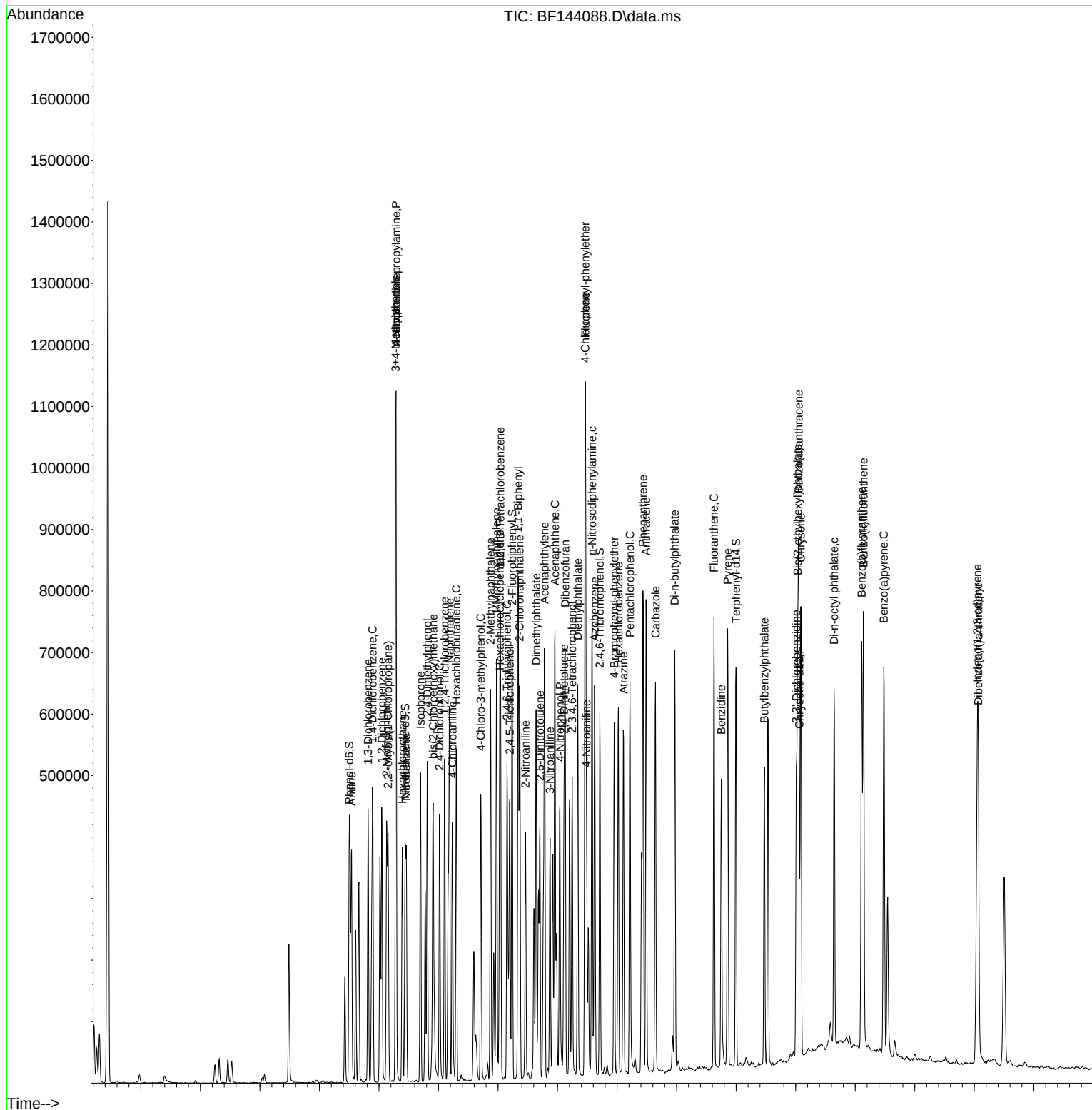
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Chloronaphthalene	9.363	162	265148	40.062	ng	97
48) 2-Nitroaniline	9.463	65	90721	46.160	ng	97
49) Acenaphthylene	9.780	152	418223	46.864	ng	99
50) Dimethylphthalate	9.639	163	339418	46.921	ng	100
51) 2,6-Dinitrotoluene	9.704	165	70642	49.397	ng	92
52) Acenaphthene	9.957	154	256838	43.094	ng	97
53) 3-Nitroaniline	9.875	138	79404	49.940	ng	100
54) 2,4-Dinitrophenol	9.980	184	50277	65.002	ng	97
55) Dibenzofuran	10.128	168	364175	44.014	ng	97
56) 4-Nitrophenol	10.039	139	97407	90.471	ng	93
57) 2,4-Dinitrotoluene	10.110	165	99455	51.529	ng	96
58) Fluorene	10.469	166	285815	45.336	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	93028m	51.023	ng	
60) Diethylphthalate	10.339	149	320790	47.155	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	154764	43.653	ng	99
62) 4-Nitroaniline	10.486	138	73850	49.021	ng	97
63) Azobenzene	10.622	77	310419	48.211	ng	97
65) 4,6-Dinitro-2-methylph...	10.516	198	47209	38.693	ng	95
66) n-Nitrosodiphenylamine	10.580	169	289286	47.612	ng	96
67) 4-Bromophenyl-phenylether	10.951	248	103916	43.644	ng	97
68) Hexachlorobenzene	11.022	284	131574	45.058	ng	96
69) Atrazine	11.110	200	100516	50.415	ng	99
70) Pentachlorophenol	11.216	266	127907	92.022	ng	97
71) Phenanthrene	11.433	178	444051	47.006	ng	98
72) Anthracene	11.486	178	447311	45.838	ng	99
73) Carbazole	11.645	167	376395	45.316	ng	99
74) Di-n-butylphthalate	11.969	149	476088	46.751	ng	99
75) Fluoranthene	12.627	202	437819	41.950	ng	99
77) Benzidine	12.751	184	289959	74.930	ng	100
78) Pyrene	12.857	202	437256	48.914	ng	98
80) Butylbenzylphthalate	13.474	149	161270	47.686	ng	98
81) Benzo(a)anthracene	14.051	228	408989	48.671	ng	97
82) 3,3'-Dichlorobenzidine	14.010	252	154281	52.743	ng	97
83) Chrysene	14.086	228	372676	47.261	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	213964	46.344	ng	100
85) Di-n-octyl phthalate	14.645	149	398147	50.146	ng	99
87) Indeno(1,2,3-cd)pyrene	17.051	276	444275	38.611	ng	100
88) Benzo(b)fluoranthene	15.110	252	447930	47.276	ng	98
89) Benzo(k)fluoranthene	15.139	252	448355	51.289	ng	100
90) Benzo(a)pyrene	15.480	252	438682	51.609	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	358124	39.319	ng	99
92) Benzo(g,h,i)perylene	17.503	276	319522	34.893	ng	98

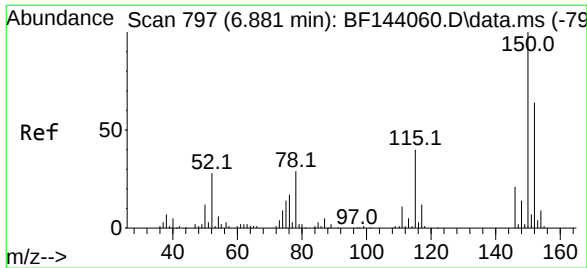
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

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Supervised By :mohammad ahmed 10/30/2025

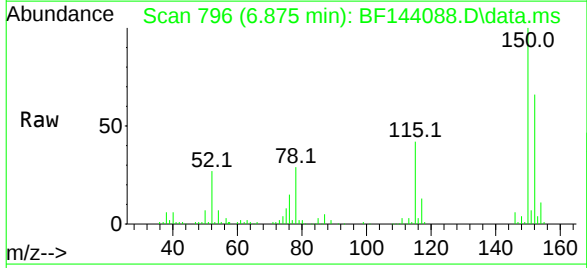
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF144088.D
Acq: 27 Oct 2025 17:33

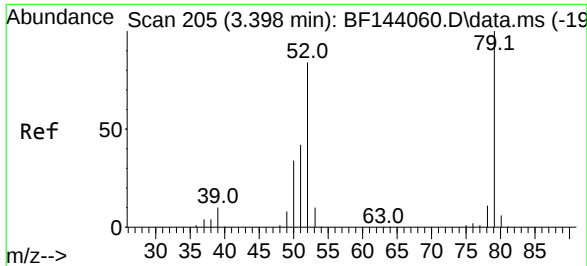
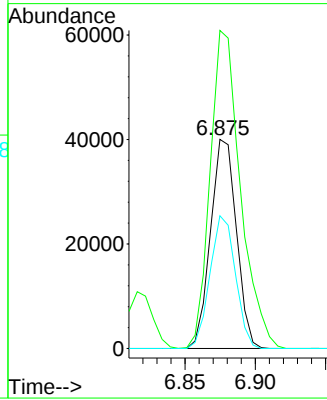
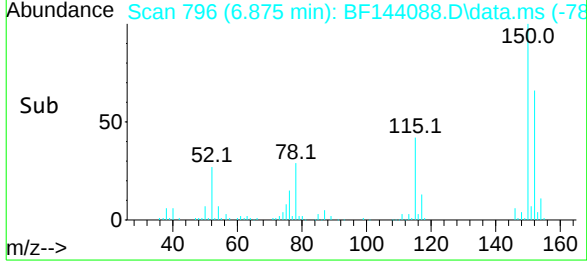
Instrument :
BNA_F
ClientSampleId :
PR132-S07-000102-22510170MSD



Tgt Ion: 152 Resp: 51273
Ion Ratio Lower Upper
152 100
150 152.1 124.4 186.6
115 63.5 49.4 74.0

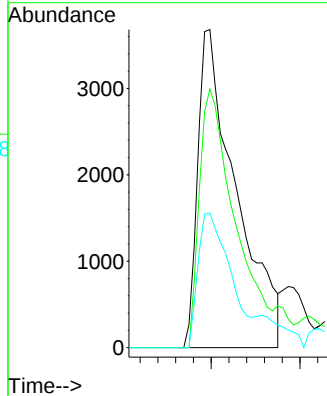
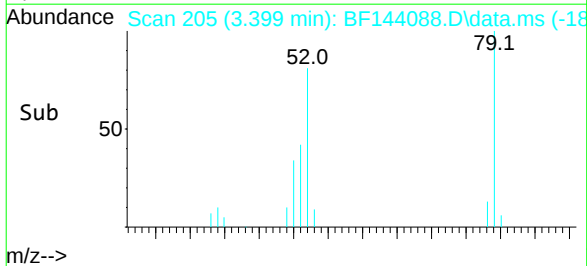
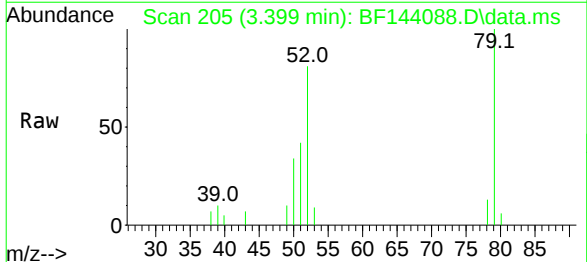
Manual Integrations
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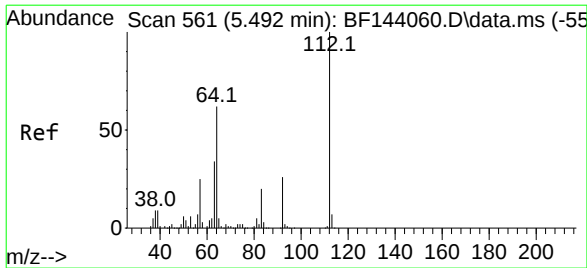
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :mohammad ahmed 10/30/2025



#3
Pyridine
Concen: 2.940 ng
RT: 3.399 min Scan# 205
Delta R.T. 0.000 min
Lab File: BF144088.D
Acq: 27 Oct 2025 17:33

Tgt Ion: 79 Resp: 11022
Ion Ratio Lower Upper
79 100
52 81.2 67.5 101.3
51 42.3 33.6 50.4





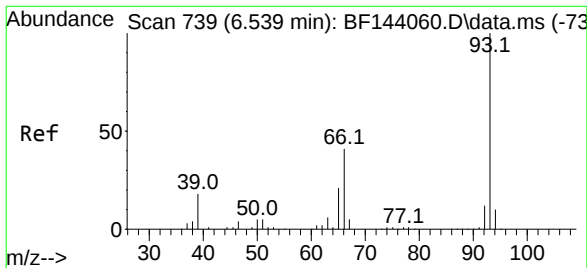
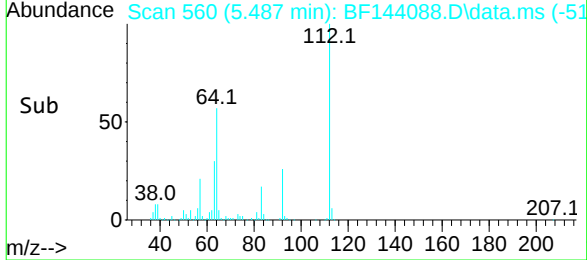
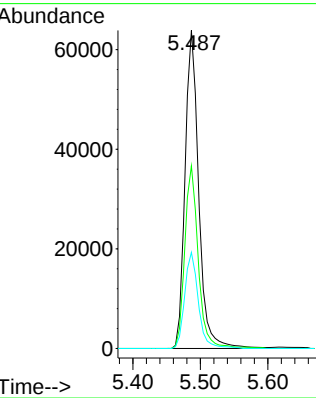
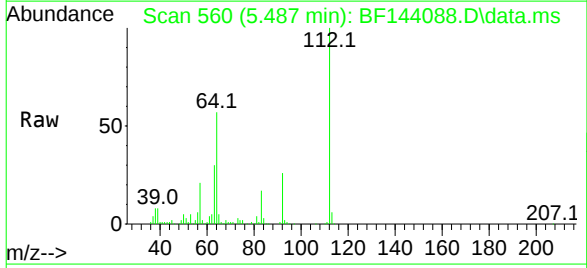
#5
2-Fluorophenol
Concen: 27.722 ng
RT: 5.487 min Scan# 561
Delta R.T. -0.006 min
Lab File: BF144088.D
Acq: 27 Oct 2025 17:33

Instrument : BNA_F
ClientSampleId : PR132-S07-000102-22510170MSD

Tgt Ion:	112	Resp:	89842
Ion Ratio	Lower	Upper	
112	100		
64	57.4	49.8	74.8
63	30.2	27.4	41.2

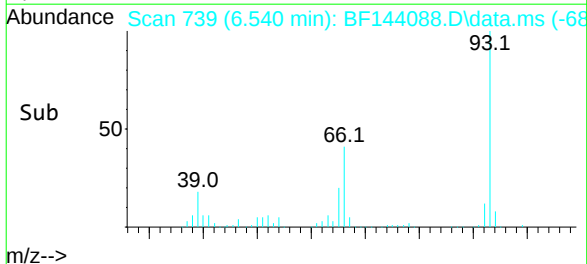
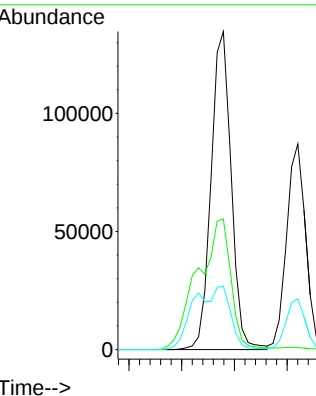
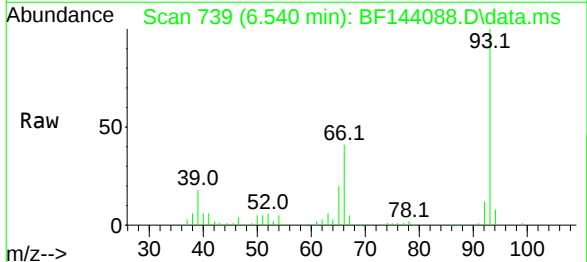
Manual Integrations
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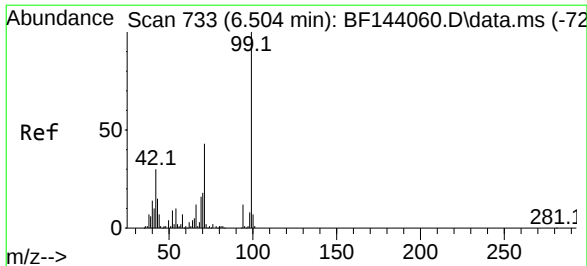
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :mohammad ahmed 10/30/2025



#6
Aniline
Concen: 34.833 ng
RT: 6.540 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF144088.D
Acq: 27 Oct 2025 17:33

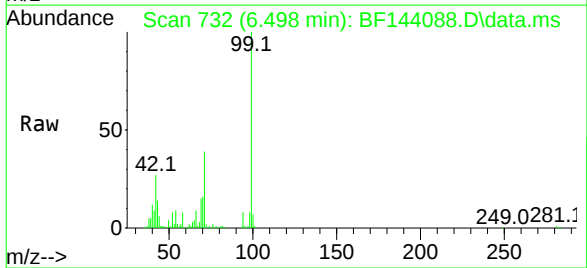
Tgt Ion:	93	Resp:	178361
Ion Ratio	Lower	Upper	
93	100		
66	41.1	35.7	53.5
65	19.9	17.0	25.6





#7
Phenol-d6
Concen: 40.759 ng
RT: 6.498 min Scan# 733
Delta R.T. -0.006 min
Lab File: BF144088.D
Acq: 27 Oct 2025 17:33

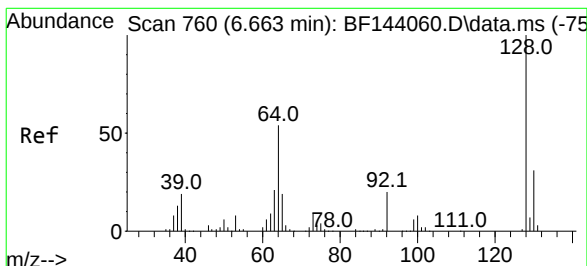
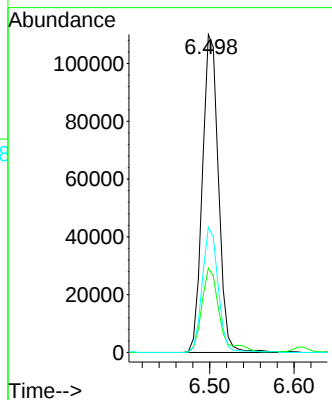
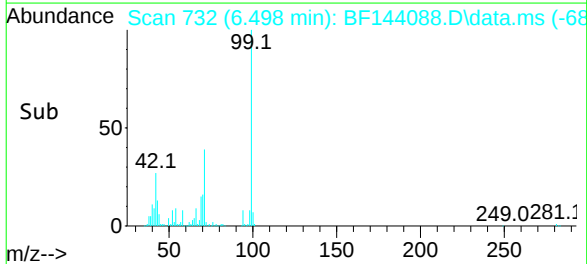
Instrument :
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Tgt Ion: 99 Resp: 145881
Ion Ratio Lower Upper
99 100
42 26.5 23.9 35.9
71 39.4 34.4 51.6

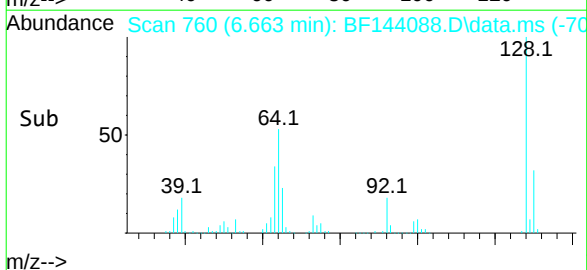
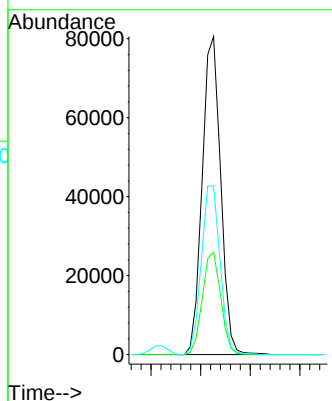
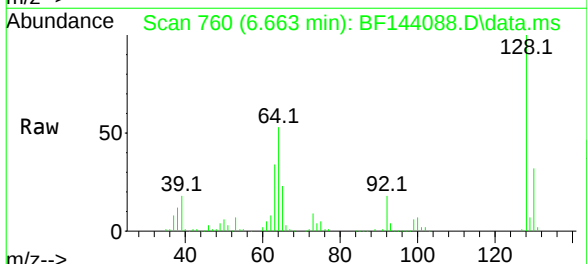
Manual Integrations
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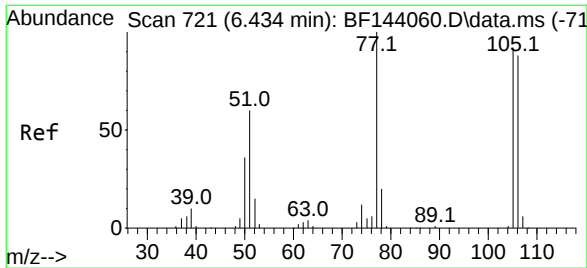
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :mohammad ahmed 10/30/2025



#8
2-Chlorophenol
Concen: 32.667 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF144088.D
Acq: 27 Oct 2025 17:33

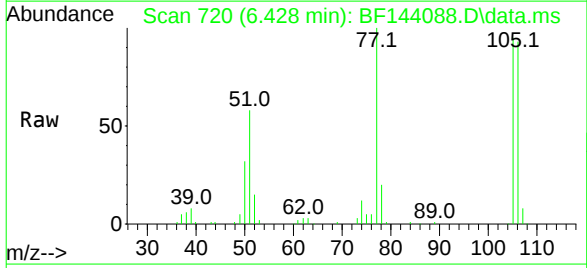
Tgt Ion:128 Resp: 104258
Ion Ratio Lower Upper
128 100
130 32.3 10.7 50.7
64 53.0 34.7 74.7





#9
Benzaldehyde
Concen: 16.580 ng
RT: 6.428 min Scan# 721
Delta R.T. -0.006 min
Lab File: BF144088.D
Acq: 27 Oct 2025 17:33

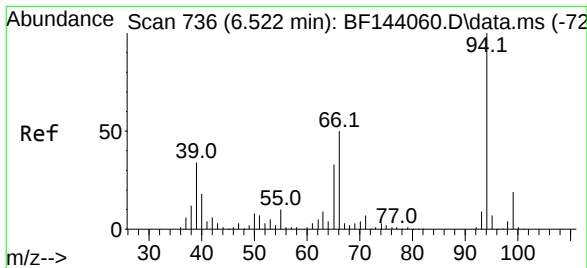
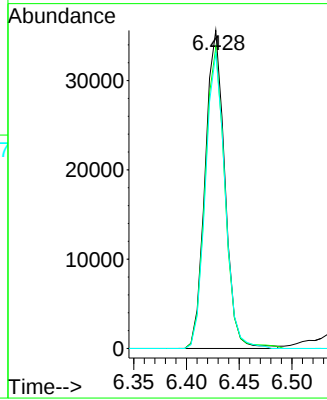
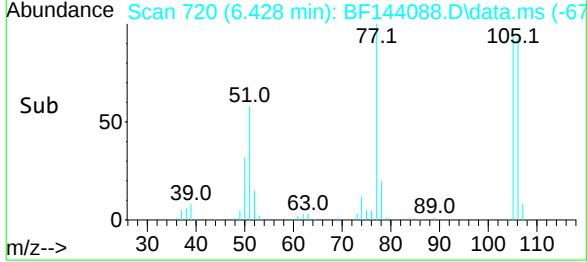
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Tgt Ion: 77 Resp: 46073
Ion Ratio Lower Upper
77 100
105 94.6 72.2 112.2
106 92.9 67.9 107.9

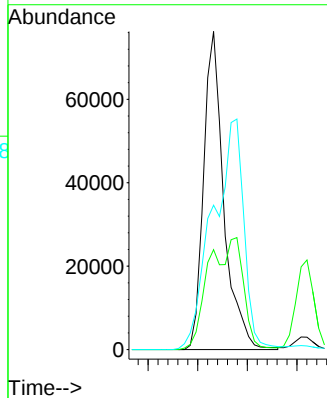
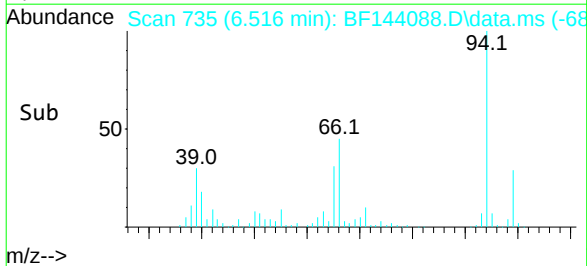
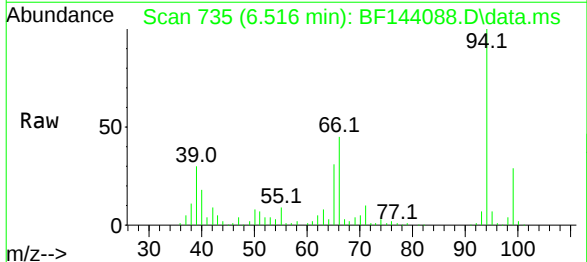
Manual Integrations
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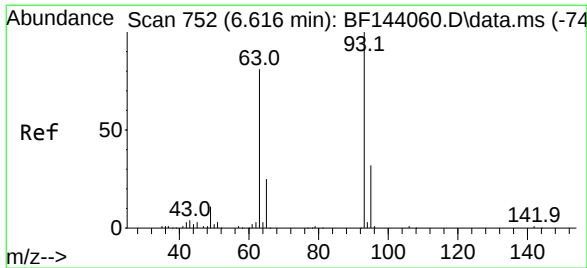
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :mohammad ahmed 10/30/2025



#10
Phenol
Concen: 24.393 ng
RT: 6.516 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF144088.D
Acq: 27 Oct 2025 17:33

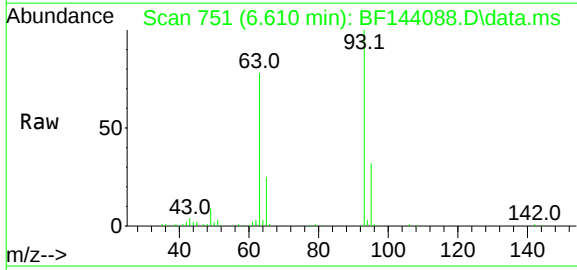
Tgt Ion: 94 Resp: 107710
Ion Ratio Lower Upper
94 100
65 31.4 13.1 53.1
66 45.4 30.6 70.6





#11
bis(2-Chloroethyl)ether
Concen: 34.100 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF144088.D
Acq: 27 Oct 2025 17:33

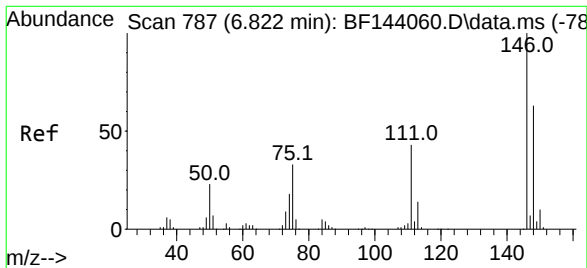
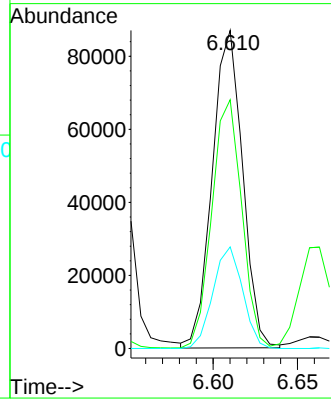
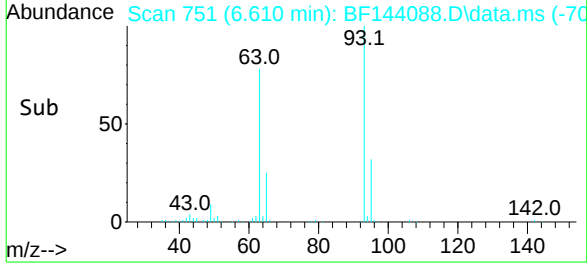
Instrument :
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ClientSampleId :
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Tgt Ion: 93 Resp: 108802
Ion Ratio Lower Upper
93 100
63 78.2 60.2 100.2
95 31.9 12.4 52.4

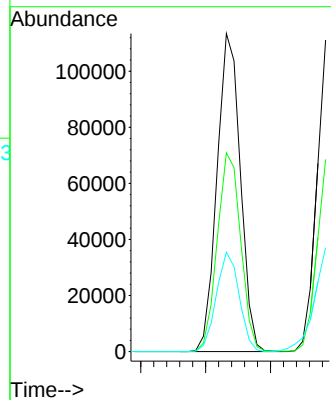
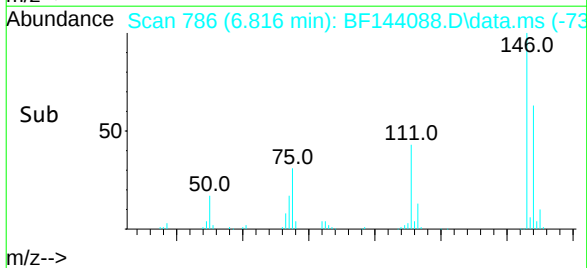
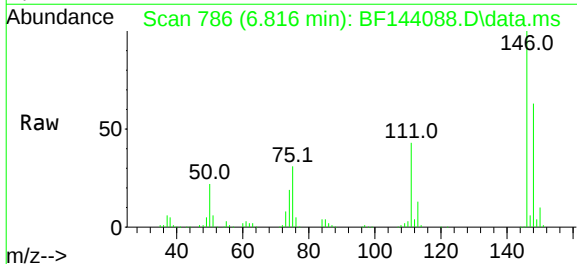
Manual Integrations
APPROVED

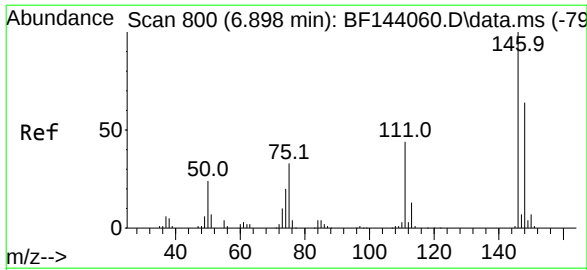
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :mohammad ahmed 10/30/2025



#12
1,3-Dichlorobenzene
Concen: 36.008 ng
RT: 6.816 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF144088.D
Acq: 27 Oct 2025 17:33

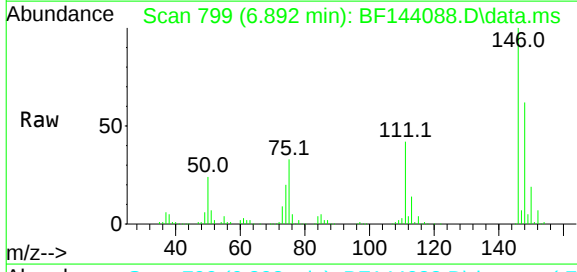
Tgt Ion:146 Resp: 141762
Ion Ratio Lower Upper
146 100
148 62.5 50.6 75.8
75 31.3 26.6 40.0





#13
1,4-Dichlorobenzene
Concen: 36.817 ng
RT: 6.892 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF144088.D
Acq: 27 Oct 2025 17:33

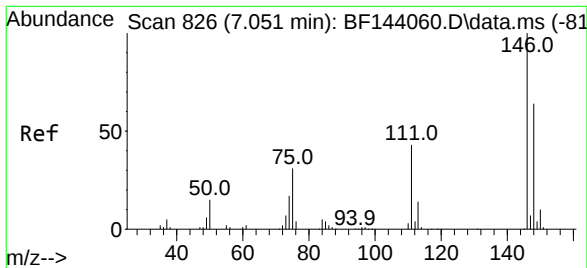
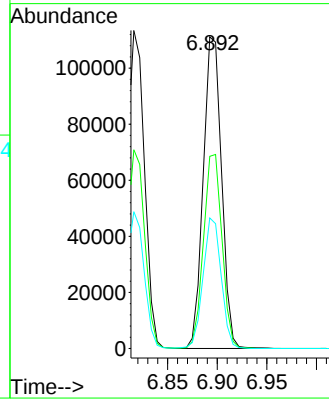
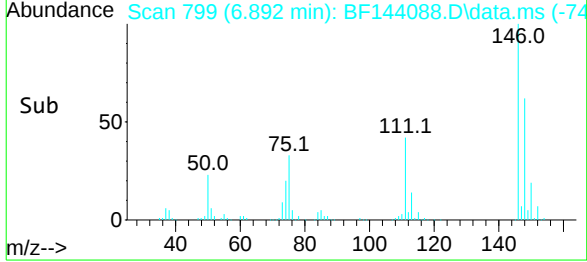
Instrument :
BNA_F
ClientSampleId :
PR132-S07-000102-22510170MSD



Tgt Ion:146 Resp: 142845
Ion Ratio Lower Upper
146 100
148 61.7 51.0 76.6
111 41.9 35.0 52.6

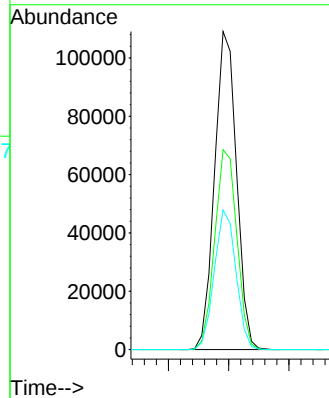
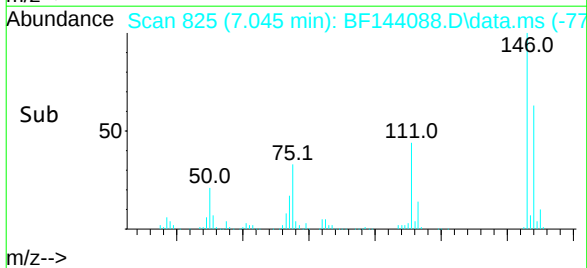
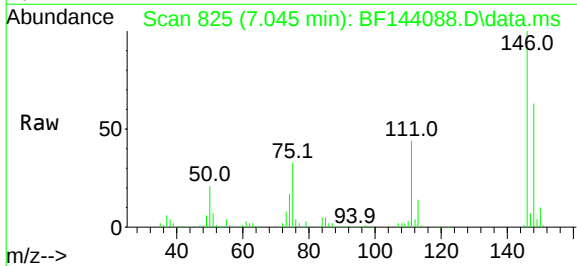
Manual Integrations
APPROVED

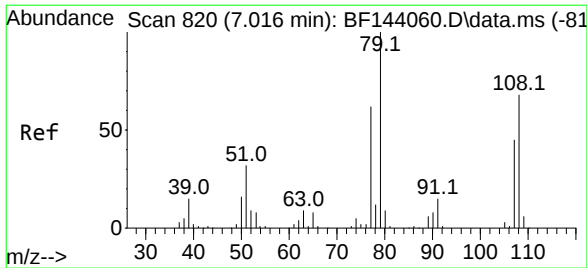
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :mohammad ahmed 10/30/2025



#14
1,2-Dichlorobenzene
Concen: 36.734 ng
RT: 7.045 min Scan# 825
Delta R.T. -0.006 min
Lab File: BF144088.D
Acq: 27 Oct 2025 17:33

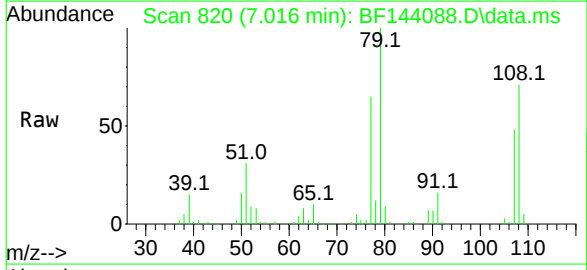
Tgt Ion:146 Resp: 137904
Ion Ratio Lower Upper
146 100
148 62.9 50.8 76.2
111 43.9 34.7 52.1





#15
Benzyl Alcohol
Concen: 35.373 ng
RT: 7.016 min Scan# 820
Delta R.T. 0.000 min
Lab File: BF144088.D
Acq: 27 Oct 2025 17:33

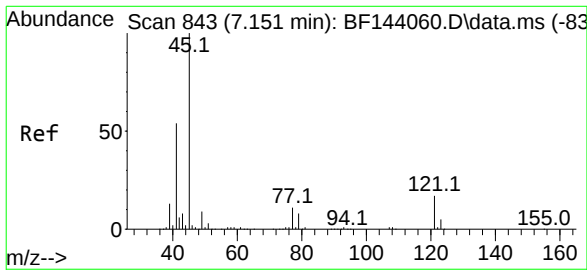
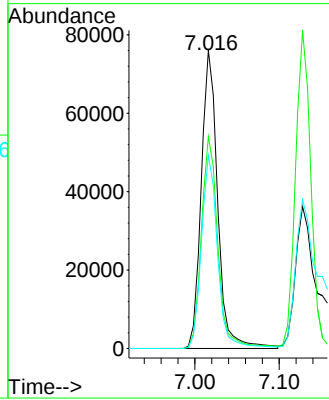
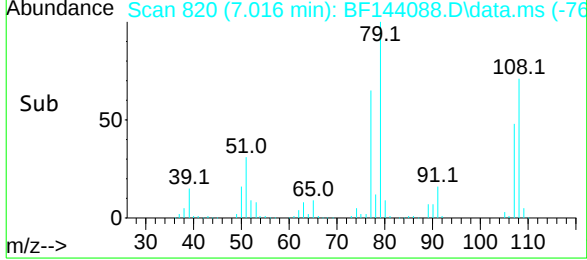
Instrument :
BNA_F
ClientSampleId :
PR132-S07-000102-22510170MSD



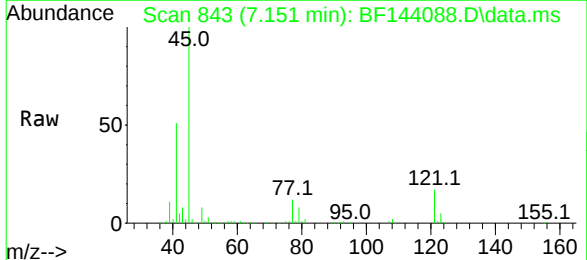
Tgt Ion:	79	Resp:	102943
Ion Ratio	Lower	Upper	
79	100		
108	71.1	54.8	82.2
77	64.6	49.4	74.0

Manual Integrations
APPROVED

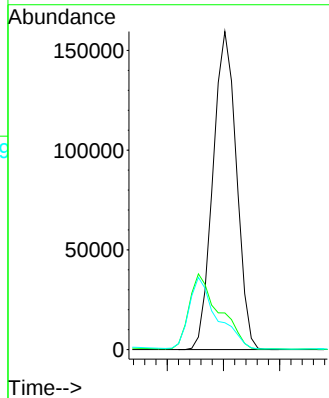
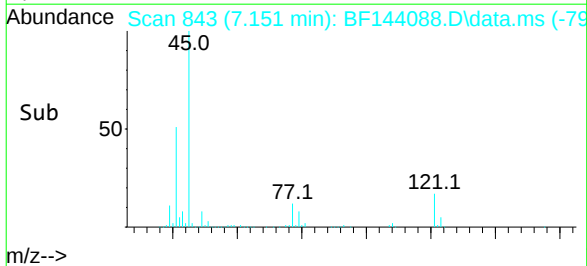
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :mohammad ahmed 10/30/2025

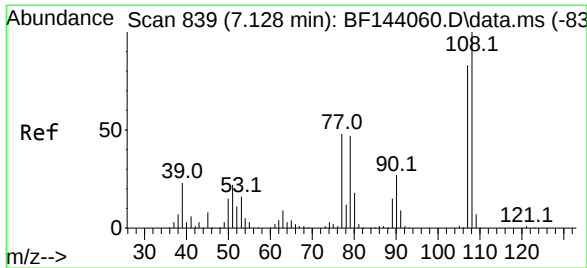


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.568 ng
RT: 7.151 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF144088.D
Acq: 27 Oct 2025 17:33



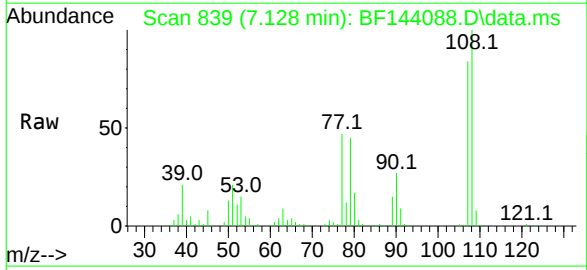
Tgt Ion:	45	Resp:	231281
Ion Ratio	Lower	Upper	
45	100		
77	11.5	0.0	30.9
79	8.4	0.0	28.2





#17
2-Methylphenol
Concen: 34.803 ng
RT: 7.128 min Scan# 839
Delta R.T. 0.000 min
Lab File: BF144088.D
Acq: 27 Oct 2025 17:33

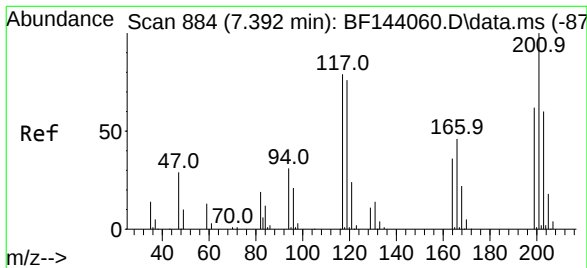
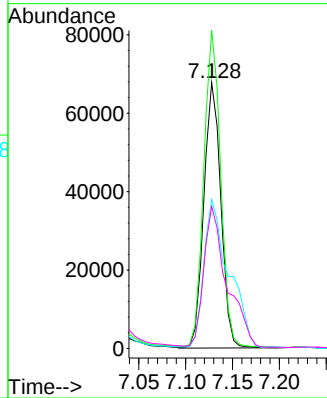
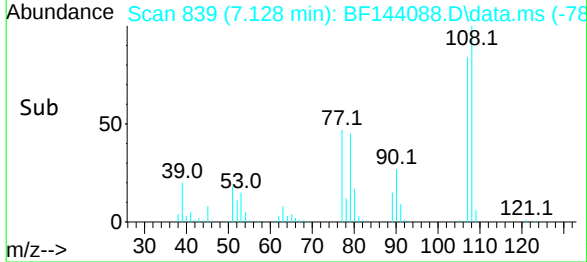
Instrument :
BNA_F
ClientSampleId :
PR132-S07-000102-22510170MSD



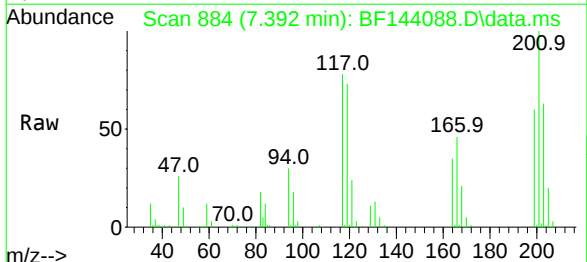
Tgt Ion:107 Resp: 85429
Ion Ratio Lower Upper
107 100
108 119.6 96.4 144.6
77 55.9 46.8 70.2
79 53.4 45.8 68.6

Manual Integrations
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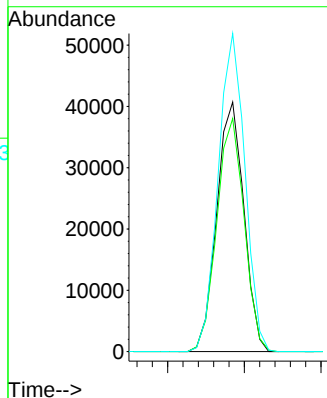
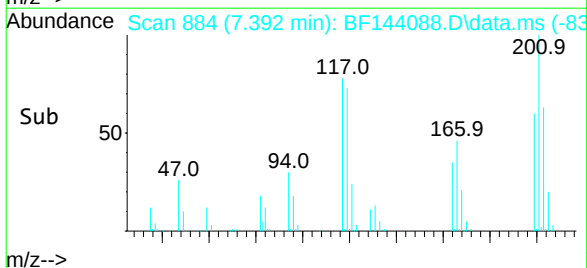
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :mohammad ahmed 10/30/2025

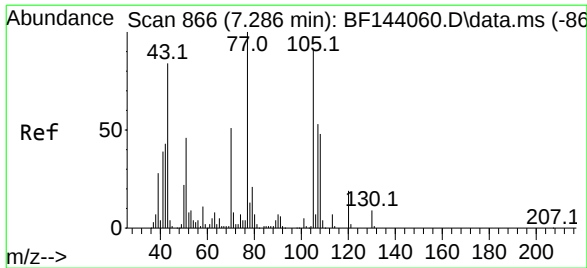


#18
Hexachloroethane
Concen: 36.035 ng
RT: 7.392 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF144088.D
Acq: 27 Oct 2025 17:33



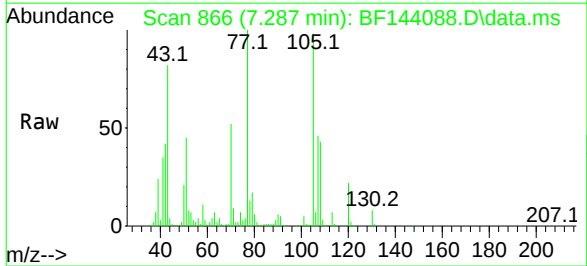
Tgt Ion:117 Resp: 49986
Ion Ratio Lower Upper
117 100
119 93.4 76.6 115.0
201 127.5 100.9 151.3





#19
n-Nitroso-di-n-propylamine
Concen: 39.481 ng
RT: 7.287 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF144088.D
Acq: 27 Oct 2025 17:33

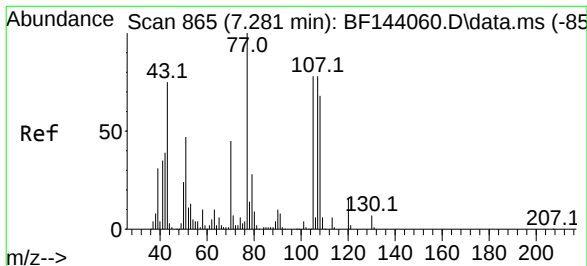
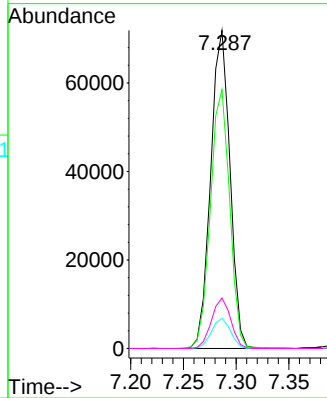
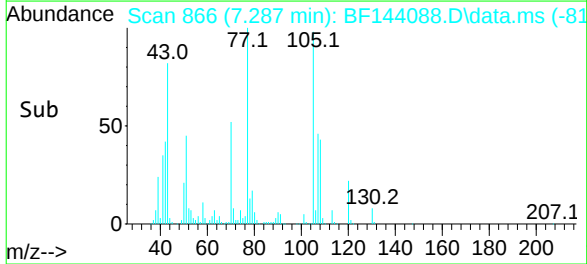
Instrument :
BNA_F
ClientSampleId :
PR132-S07-000102-22510170MSD



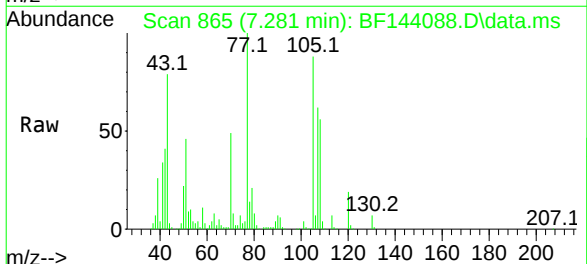
Tgt Ion: 70 Resp: 91377
Ion Ratio Lower Upper
70 100
42 81.4 67.4 101.0
101 9.5 7.1 10.7
130 15.9 13.5 20.3

Manual Integrations
APPROVED

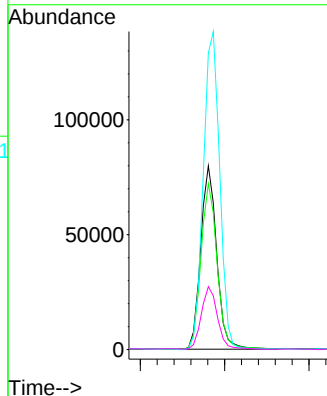
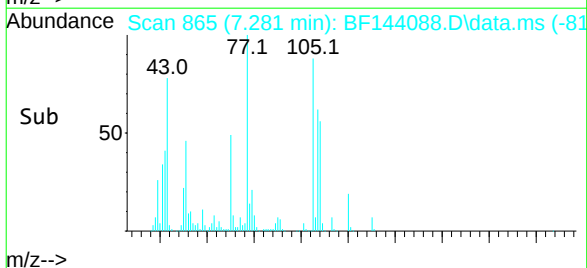
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :mohammad ahmed 10/30/2025

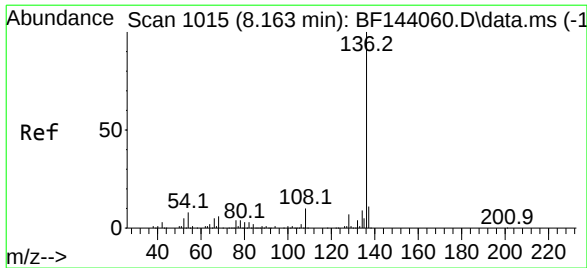


#20
3+4-Methylphenols
Concen: 36.370 ng
RT: 7.281 min Scan# 865
Delta R.T. 0.000 min
Lab File: BF144088.D
Acq: 27 Oct 2025 17:33



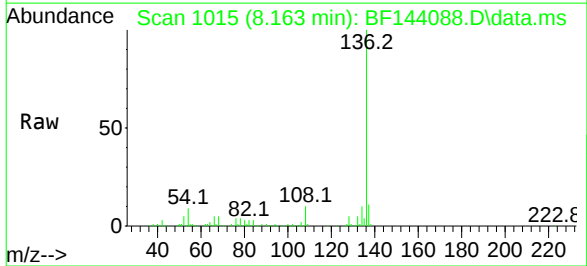
Tgt Ion:107 Resp: 105537
Ion Ratio Lower Upper
107 100
108 90.3 68.0 108.0
77 161.5 108.7 148.7#
79 34.2 16.7 56.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BF144088.D
Acq: 27 Oct 2025 17:33

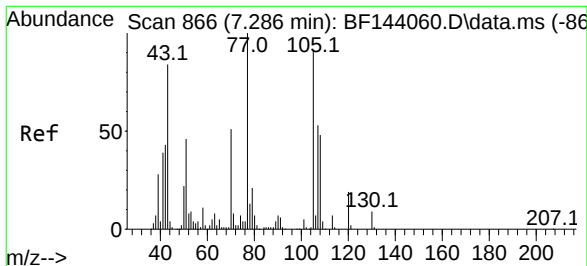
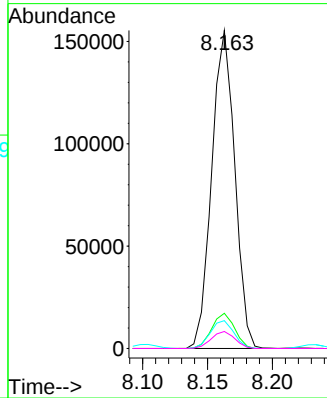
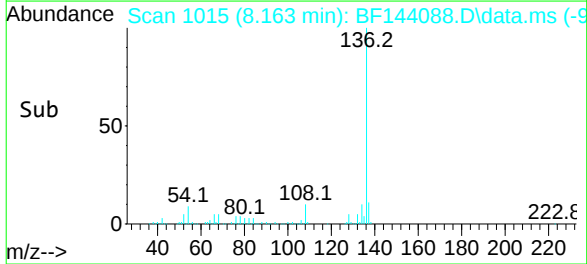
Instrument : BNA_F
ClientSampleId : PR132-S07-000102-22510170MSD



Tgt Ion:	136	Resp:	192222
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	8.8	6.6	9.8
68	5.3	4.6	6.8

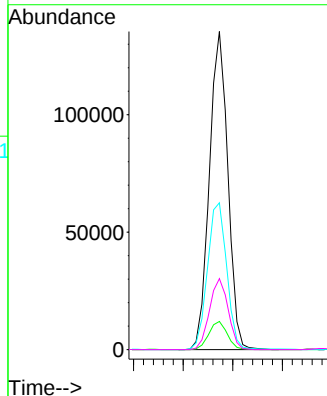
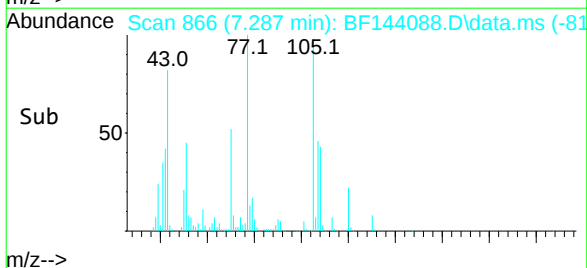
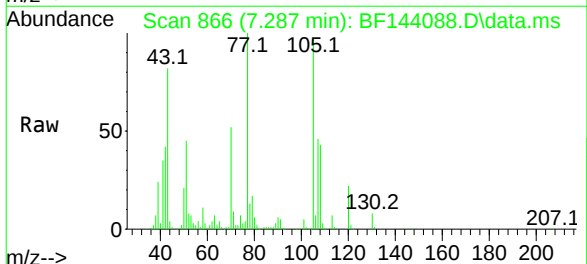
Manual Integrations APPROVED

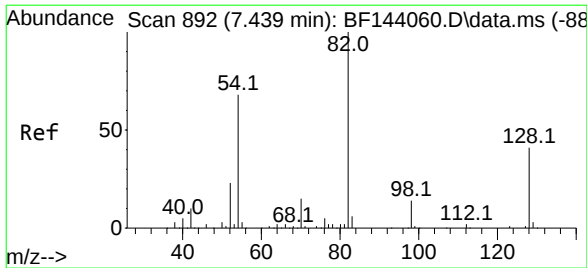
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :mohammad ahmed 10/30/2025



#22
Acetophenone
Concen: 42.183 ng
RT: 7.287 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF144088.D
Acq: 27 Oct 2025 17:33

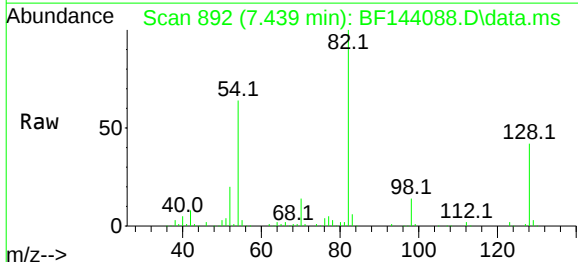
Tgt Ion:	105	Resp:	175234
Ion	Ratio	Lower	Upper
105	100		
71	8.8	6.9	10.3
51	46.2	40.6	60.8
120	22.3	16.8	25.2





#23
Nitrobenzene-d5
Concen: 41.731 ng
RT: 7.439 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF144088.D
Acq: 27 Oct 2025 17:33

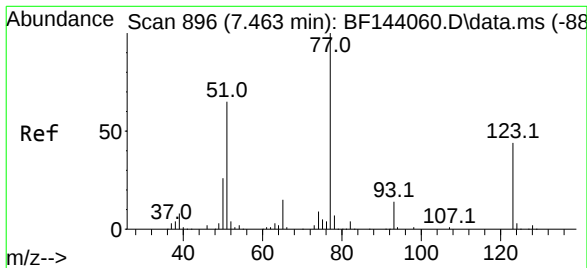
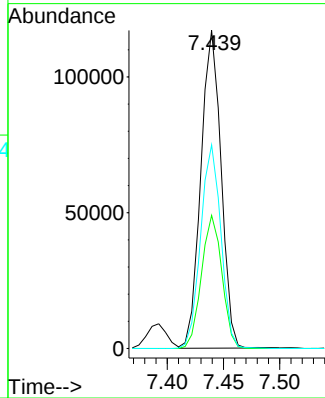
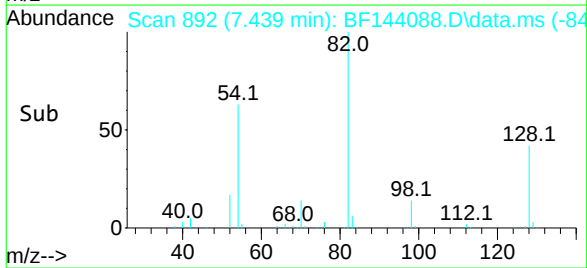
Instrument :
BNA_F
ClientSampleId :
PR132-S07-000102-22510170MSD



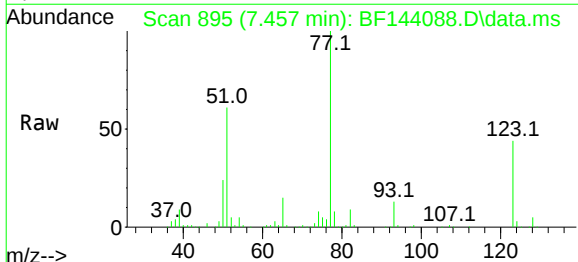
Tgt Ion: 82 Resp: 146415
Ion Ratio Lower Upper
82 100
128 41.9 32.4 48.6
54 64.0 54.0 81.0

Manual Integrations
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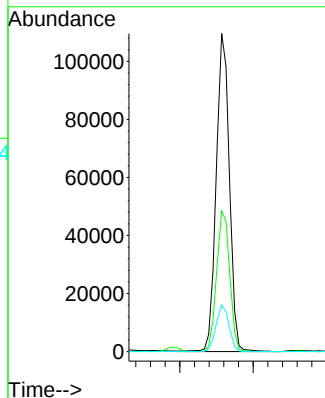
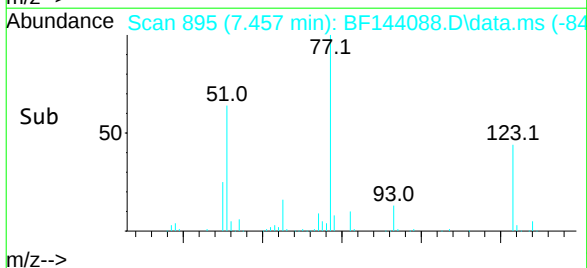
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :mohammad ahmed 10/30/2025

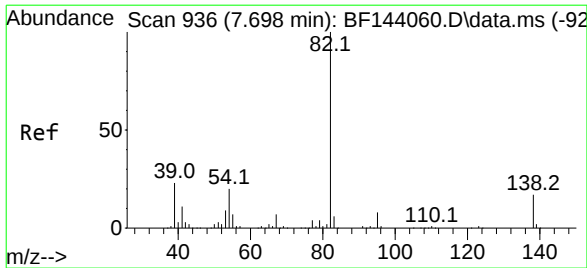


#24
Nitrobenzene
Concen: 36.788 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF144088.D
Acq: 27 Oct 2025 17:33



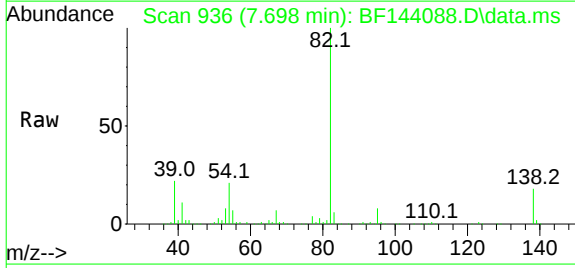
Tgt Ion: 77 Resp: 136537
Ion Ratio Lower Upper
77 100
123 44.2 35.0 52.6
65 14.7 12.2 18.2





#25
Isophorone
Concen: 41.006 ng
RT: 7.698 min Scan# 936
Delta R.T. 0.000 min
Lab File: BF144088.D
Acq: 27 Oct 2025 17:33

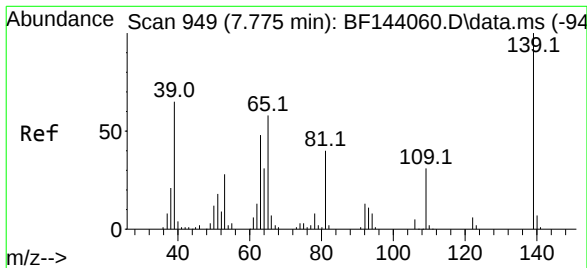
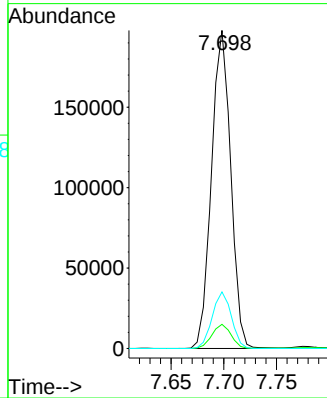
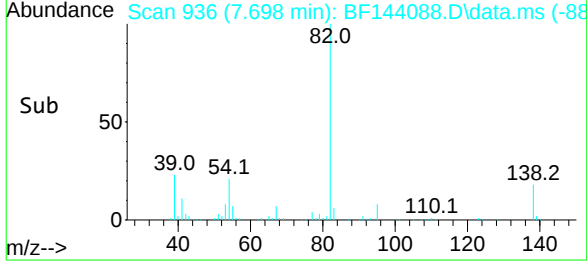
Instrument :
BNA_F
ClientSampleId :
PR132-S07-000102-22510170MSD



Tgt Ion: 82 Resp: 251531
Ion Ratio Lower Upper
82 100
95 7.6 6.6 9.8
138 17.8 13.8 20.8

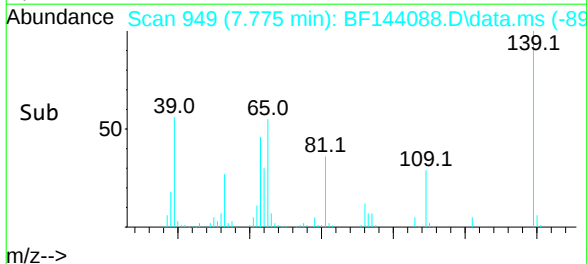
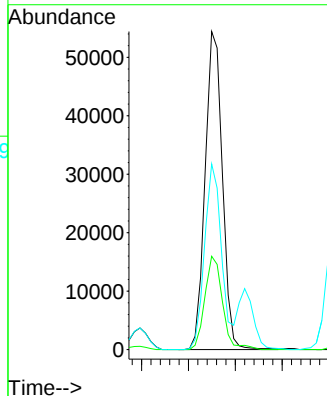
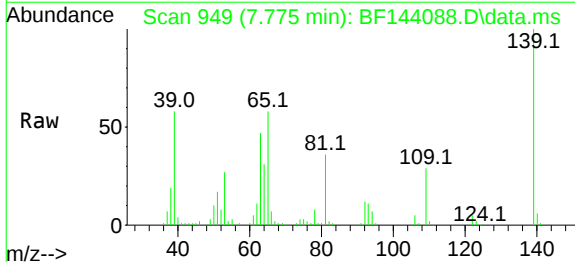
Manual Integrations
APPROVED

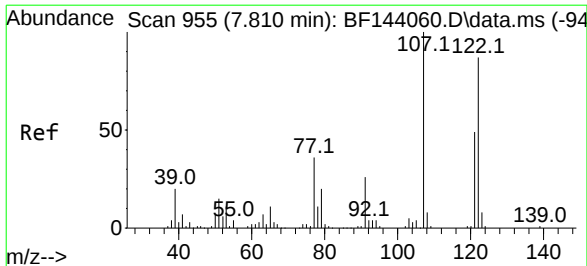
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :mohammad ahmed 10/30/2025



#26
2-Nitrophenol
Concen: 39.525 ng
RT: 7.775 min Scan# 949
Delta R.T. 0.000 min
Lab File: BF144088.D
Acq: 27 Oct 2025 17:33

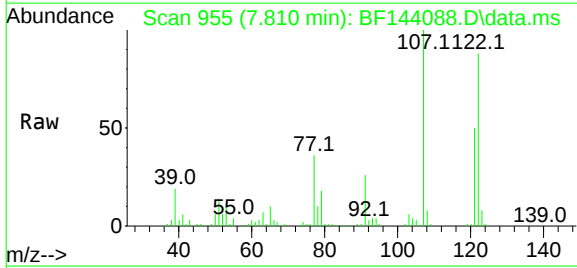
Tgt Ion:139 Resp: 69786
Ion Ratio Lower Upper
139 100
109 29.3 24.6 37.0
65 58.4 46.6 69.8





#27
2,4-Dimethylphenol
Concen: 44.542 ng
RT: 7.810 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF144088.D
Acq: 27 Oct 2025 17:33

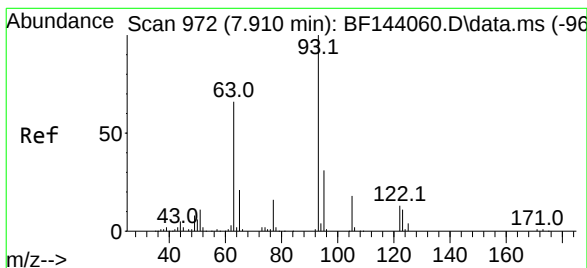
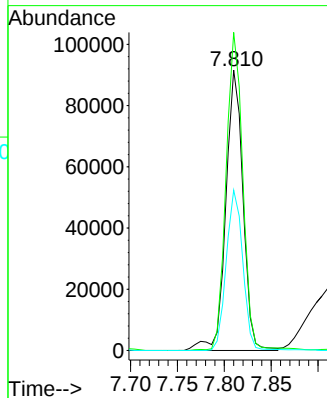
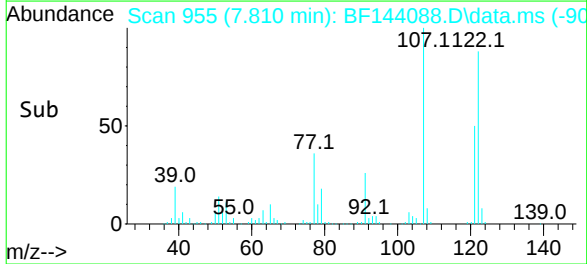
Instrument :
BNA_F
ClientSampleId :
PR132-S07-000102-22510170MSD



Tgt Ion:	122	Resp:	116871
Ion	Ratio	Lower	Upper
122	100		
107	113.4	91.8	137.8
121	57.2	45.2	67.8

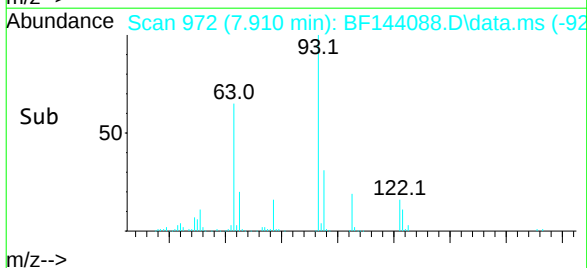
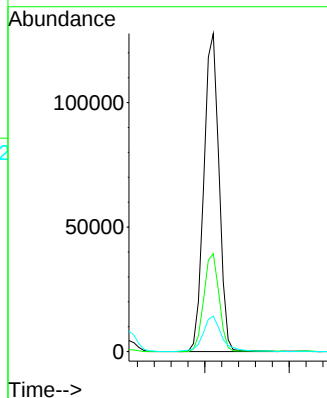
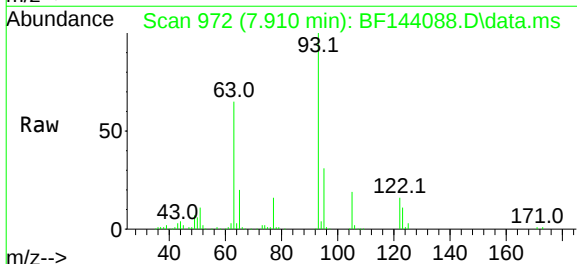
Manual Integrations
APPROVED

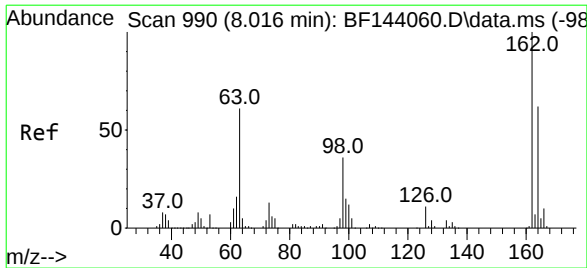
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :mohammad ahmed 10/30/2025



#28
bis(2-Chloroethoxy)methane
Concen: 41.701 ng
RT: 7.910 min Scan# 972
Delta R.T. 0.000 min
Lab File: BF144088.D
Acq: 27 Oct 2025 17:33

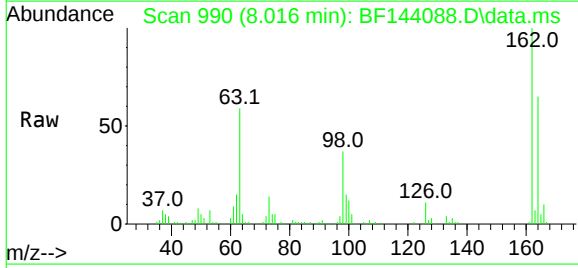
Tgt Ion:	93	Resp:	159521
Ion	Ratio	Lower	Upper
93	100		
95	30.8	24.6	36.8
123	11.1	9.1	13.7





#29
2,4-Dichlorophenol
Concen: 40.529 ng
RT: 8.016 min Scan# 990
Delta R.T. 0.000 min
Lab File: BF144088.D
Acq: 27 Oct 2025 17:33

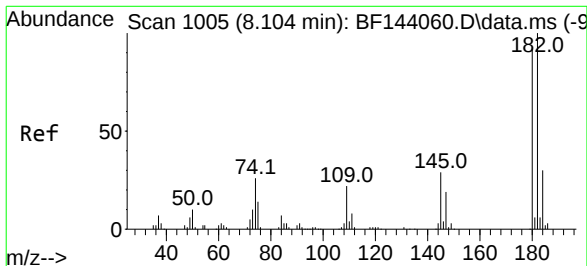
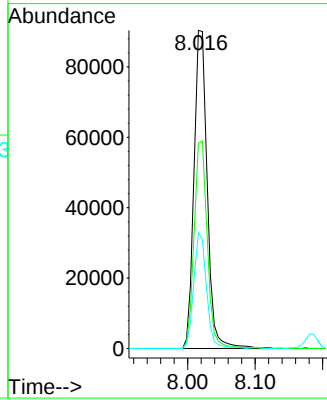
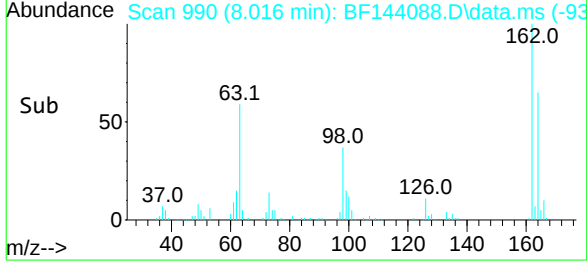
Instrument :
BNA_F
ClientSampleId :
PR132-S07-000102-22510170MSD



Tgt Ion:162 Resp: 123665
Ion Ratio Lower Upper
162 100
164 64.6 42.1 82.1
98 36.5 16.0 56.0

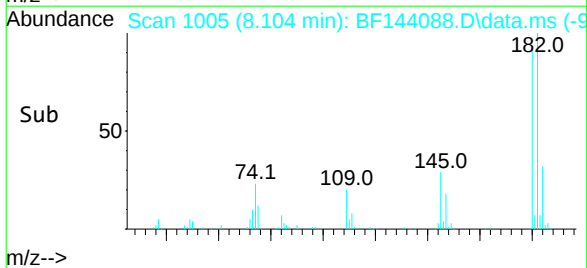
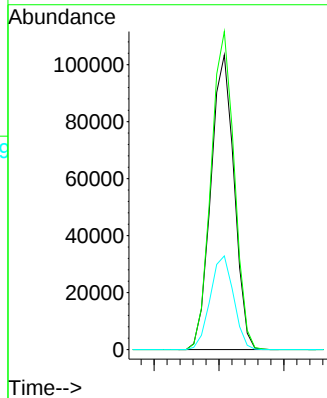
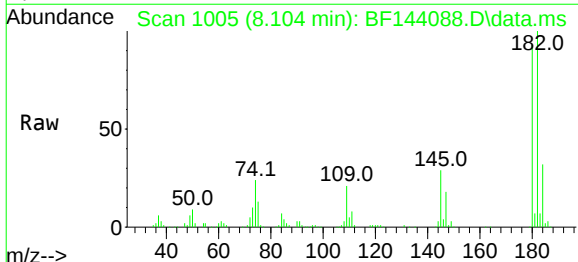
Manual Integrations
APPROVED

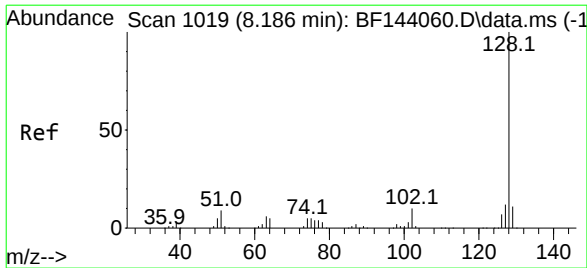
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :mohammad ahmed 10/30/2025



#30
1,2,4-Trichlorobenzene
Concen: 41.004 ng
RT: 8.104 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BF144088.D
Acq: 27 Oct 2025 17:33

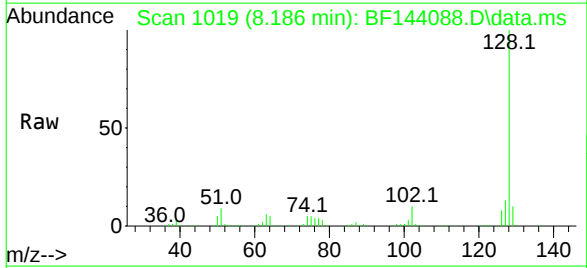
Tgt Ion:180 Resp: 128715
Ion Ratio Lower Upper
180 100
182 107.9 87.1 130.7
145 31.8 25.3 37.9





#31
Naphthalene
Concen: 39.862 ng
RT: 8.186 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF144088.D
Acq: 27 Oct 2025 17:33

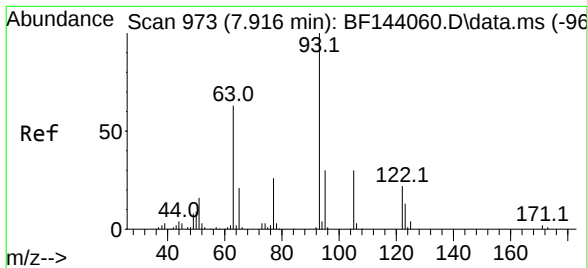
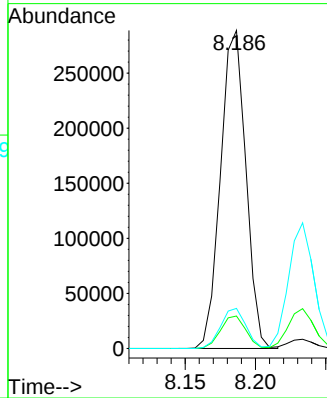
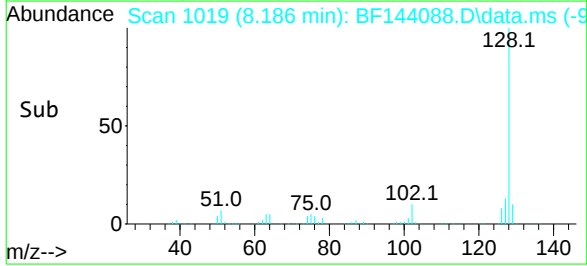
Instrument : BNA_F
ClientSampleId : PR132-S07-000102-22510170MSD



Tgt Ion:128 Resp: 361647
Ion Ratio Lower Upper
128 100
129 10.2 8.4 12.6
127 12.6 9.9 14.9

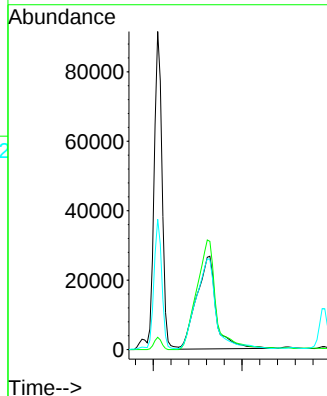
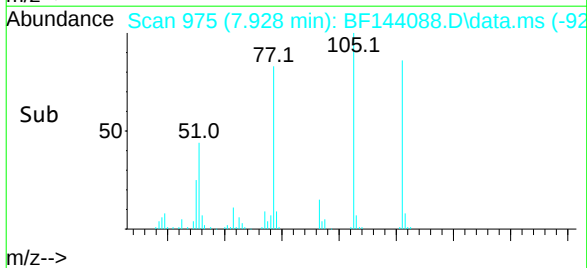
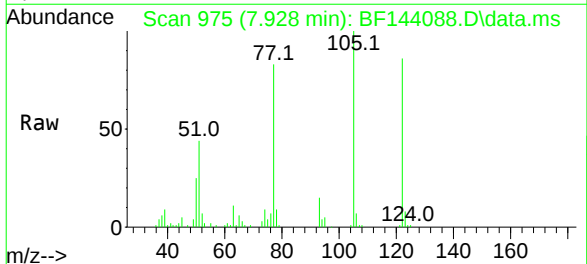
Manual Integrations
APPROVED

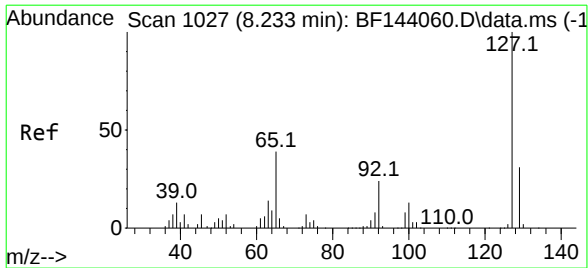
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :mohammad ahmed 10/30/2025



#32
Benzoic acid
Concen: 49.386 ng
RT: 7.928 min Scan# 975
Delta R.T. 0.012 min
Lab File: BF144088.D
Acq: 27 Oct 2025 17:33

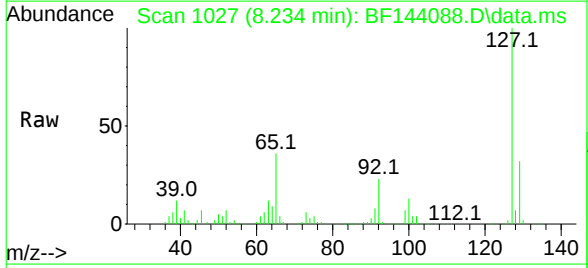
Tgt Ion:122 Resp: 82195
Ion Ratio Lower Upper
122 100
105 115.9 111.3 151.3
77 96.3 96.7 136.7#





#33
4-Chloroaniline
Concen: 46.864 ng
RT: 8.234 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF144088.D
Acq: 27 Oct 2025 17:33

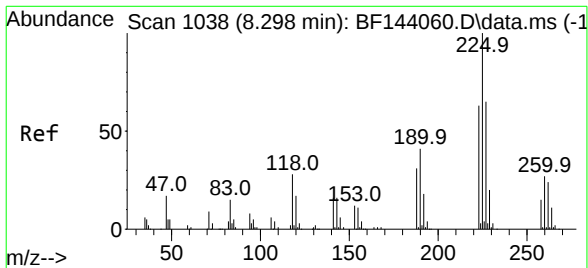
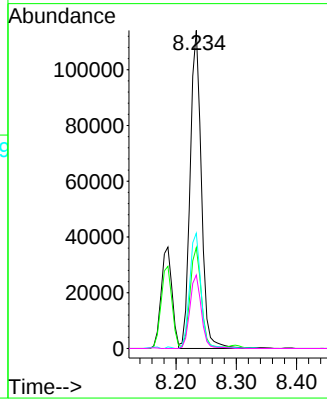
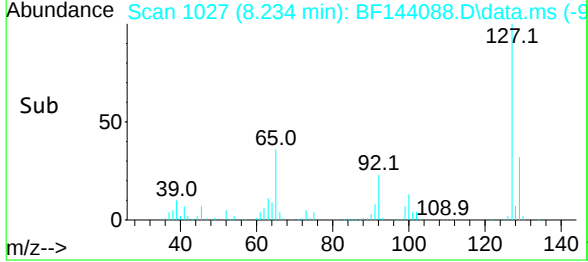
Instrument :
BNA_F
ClientSampleId :
PR132-S07-000102-22510170MSD



Tgt Ion:127 Resp: 148010
Ion Ratio Lower Upper
127 100
129 31.7 25.6 38.4
65 36.2 30.9 46.3
92 23.1 18.9 28.3

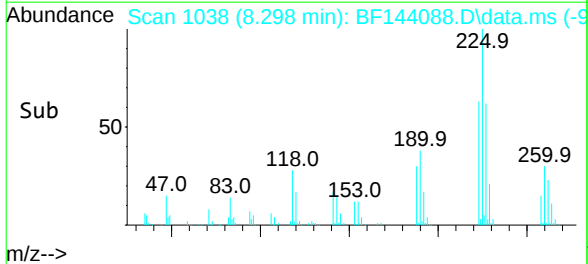
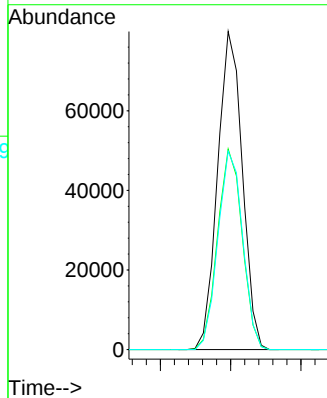
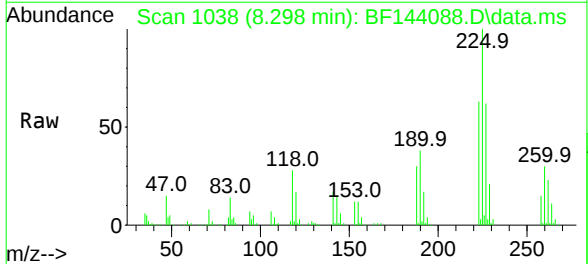
Manual Integrations
APPROVED

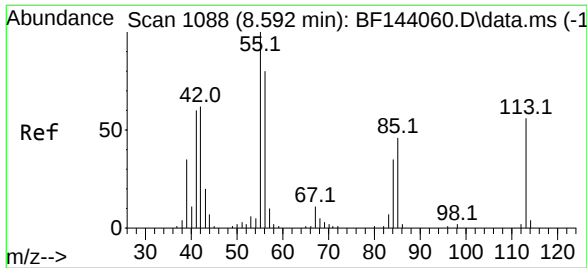
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :mohammad ahmed 10/30/2025



#34
Hexachlorobutadiene
Concen: 38.053 ng
RT: 8.298 min Scan# 1038
Delta R.T. 0.000 min
Lab File: BF144088.D
Acq: 27 Oct 2025 17:33

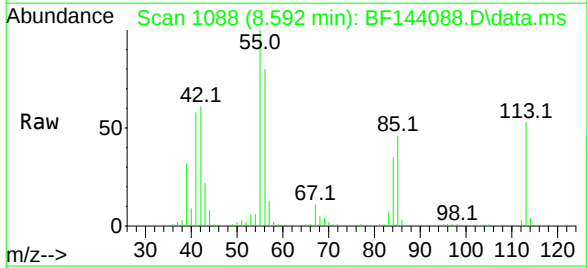
Tgt Ion:225 Resp: 97674
Ion Ratio Lower Upper
225 100
223 63.1 50.6 76.0
227 62.4 51.8 77.8





#35
Caprolactam
Concen: 55.543 ng m
RT: 8.592 min Scan# 1088
Delta R.T. 0.000 min
Lab File: BF144088.D
Acq: 27 Oct 2025 17:33

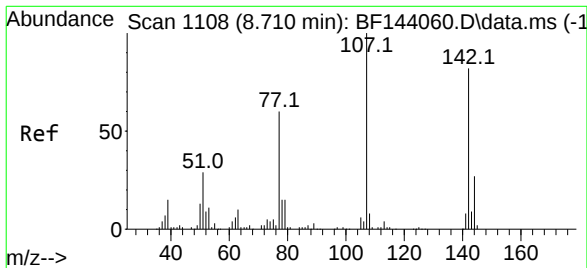
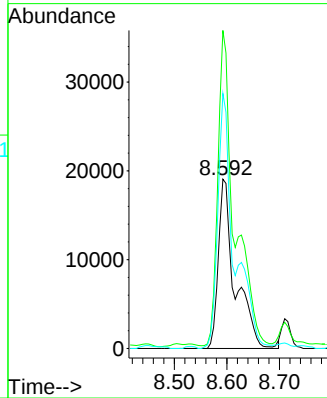
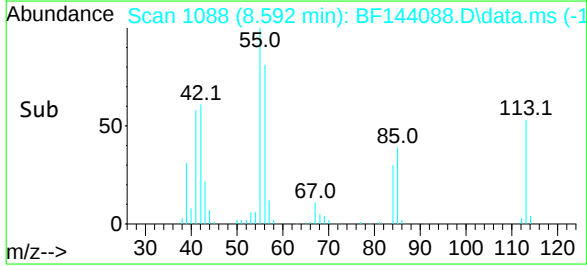
Instrument :
BNA_F
ClientSampleId :
PR132-S07-000102-22510170MSD



Tgt Ion:113 Resp: 42500
Ion Ratio Lower Upper
113 100
55 187.9 160.1 200.1
56 150.7 124.9 164.9

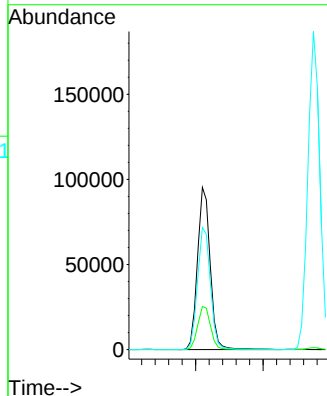
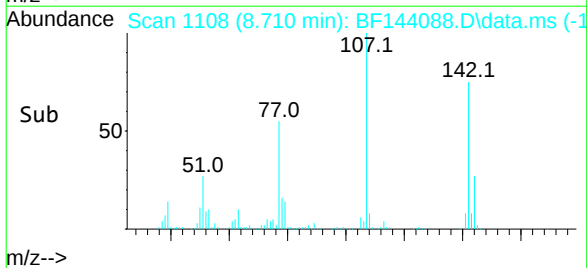
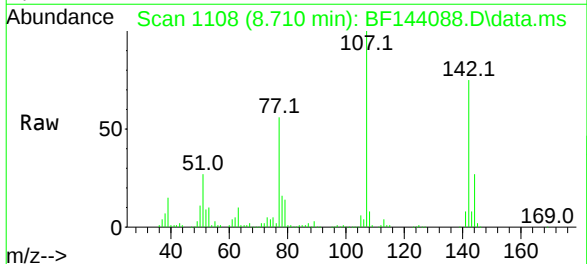
Manual Integrations
APPROVED

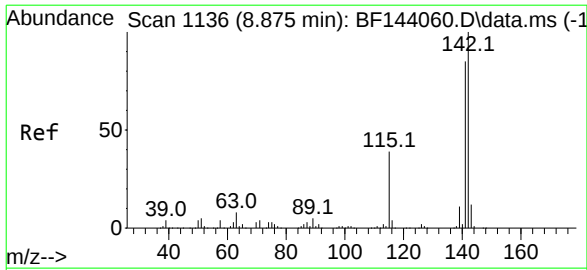
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :mohammad ahmed 10/30/2025



#36
4-Chloro-3-methylphenol
Concen: 46.375 ng
RT: 8.710 min Scan# 1108
Delta R.T. 0.000 min
Lab File: BF144088.D
Acq: 27 Oct 2025 17:33

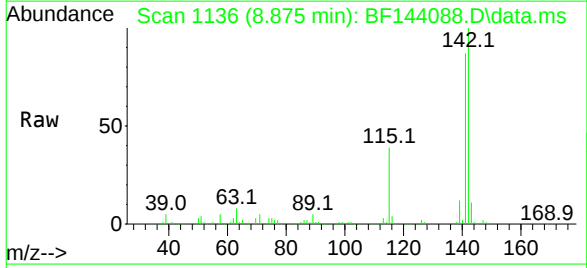
Tgt Ion:107 Resp: 124875
Ion Ratio Lower Upper
107 100
144 26.6 21.6 32.4
142 75.2 65.4 98.0





#37
2-Methylnaphthalene
Concen: 38.446 ng
RT: 8.875 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BF144088.D
Acq: 27 Oct 2025 17:33

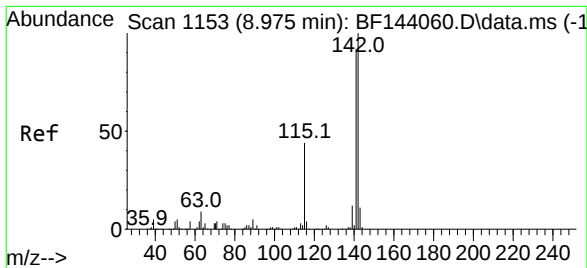
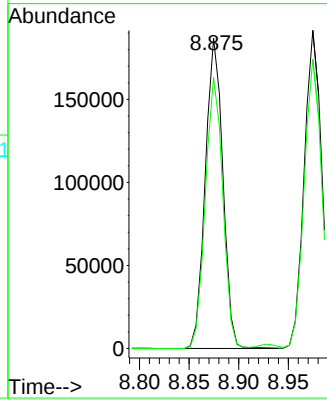
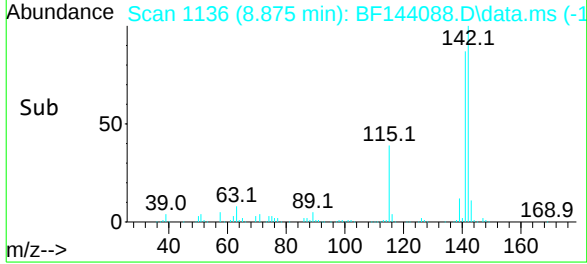
Instrument :
BNA_F
ClientSampleId :
PR132-S07-000102-22510170MSD



Tgt Ion:142 Resp: 229962
Ion Ratio Lower Upper
142 100
141 87.4 67.6 101.4

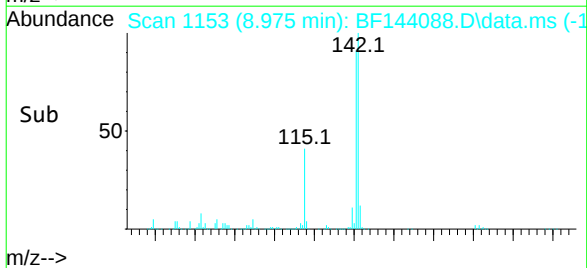
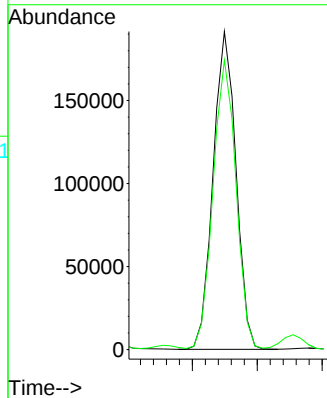
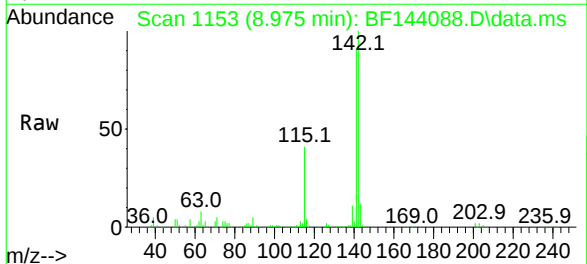
Manual Integrations
APPROVED

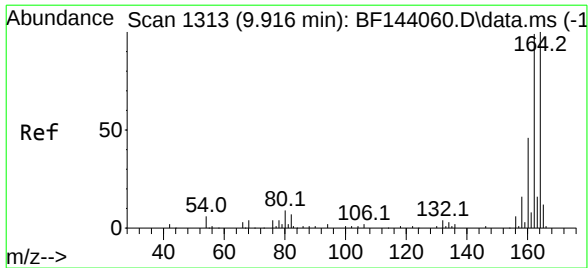
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :mohammad ahmed 10/30/2025



#38
1-Methylnaphthalene
Concen: 41.364 ng
RT: 8.975 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BF144088.D
Acq: 27 Oct 2025 17:33

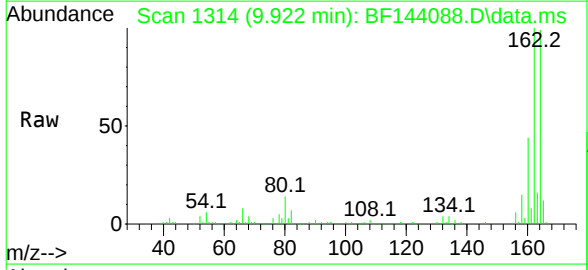
Tgt Ion:142 Resp: 234410
Ion Ratio Lower Upper
142 100
141 91.0 73.4 110.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1313
Delta R.T. 0.006 min
Lab File: BF144088.D
Acq: 27 Oct 2025 17:33

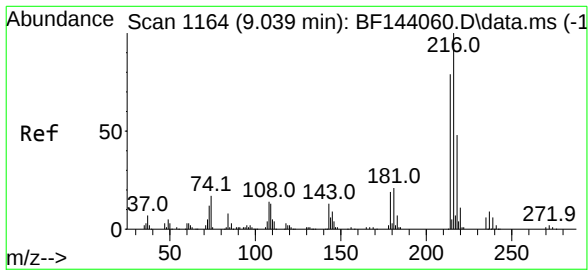
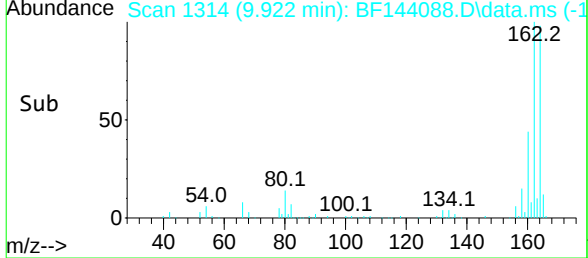
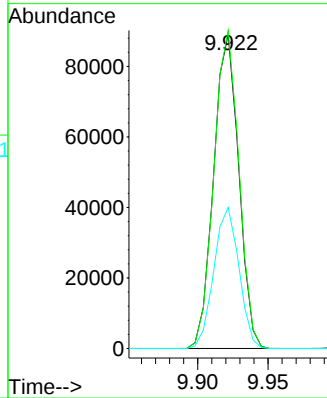
Instrument : BNA_F
ClientSampleId : PR132-S07-000102-22510170MSD



Tgt Ion:164 Resp: 110360
Ion Ratio Lower Upper
164 100
162 101.3 79.4 119.2
160 44.9 36.7 55.1

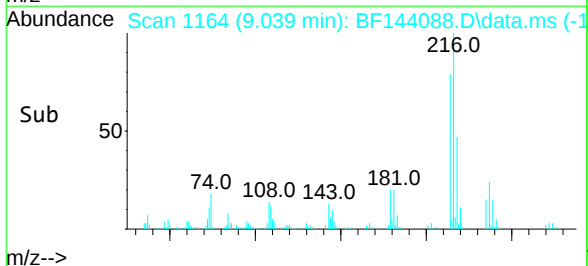
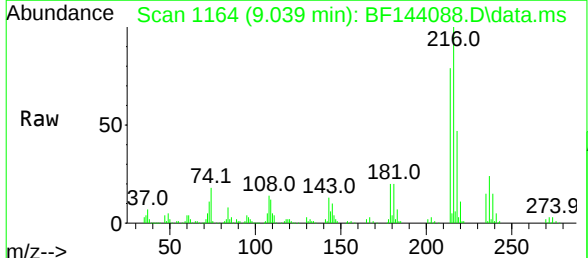
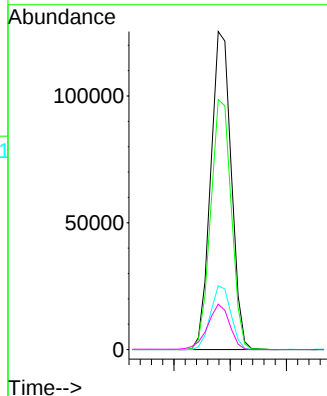
Manual Integrations
APPROVED

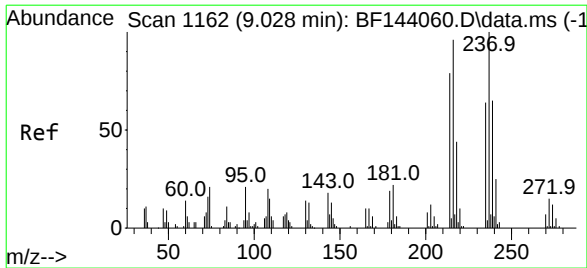
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :mohammad ahmed 10/30/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.893 ng
RT: 9.039 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF144088.D
Acq: 27 Oct 2025 17:33

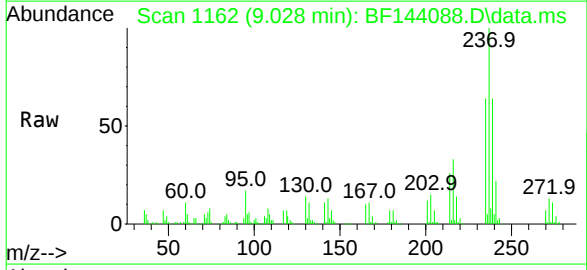
Tgt Ion:216 Resp: 158893
Ion Ratio Lower Upper
216 100
214 78.8 63.2 94.8
179 19.9 15.2 22.8
108 15.3 11.9 17.9





#41
Hexachlorocyclopentadiene
Concen: 84.312 ng
RT: 9.028 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF144088.D
Acq: 27 Oct 2025 17:33

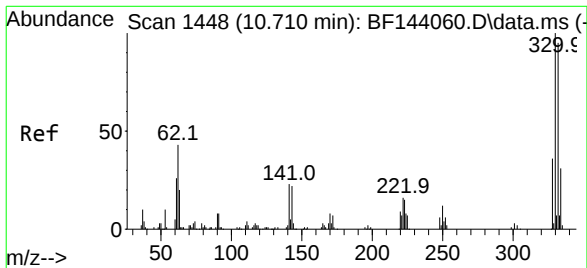
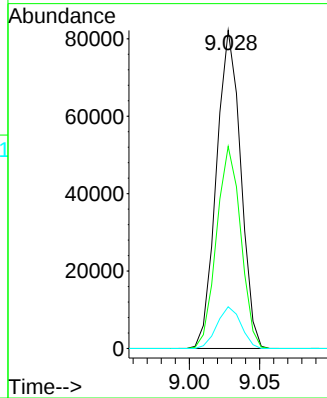
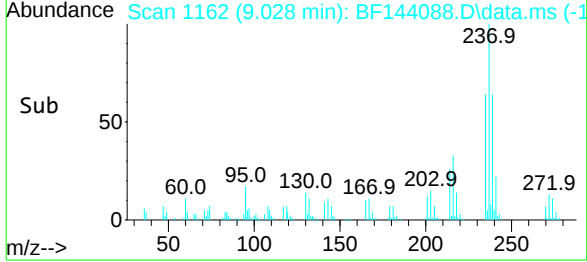
Instrument :
BNA_F
ClientSampleId :
PR132-S07-000102-22510170MSD



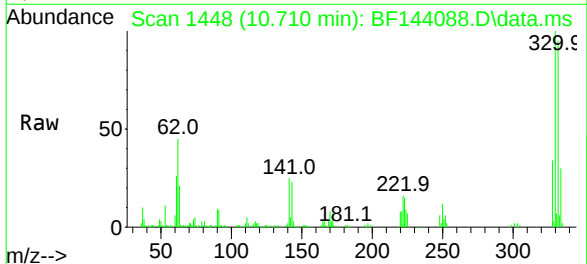
Tgt Ion:237 Resp: 98769
Ion Ratio Lower Upper
237 100
235 63.5 44.3 84.3
272 13.1 0.0 35.2

Manual Integrations
APPROVED

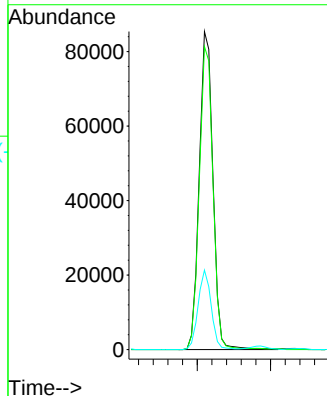
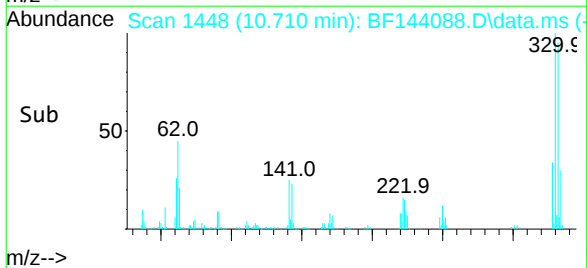
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :mohammad ahmed 10/30/2025

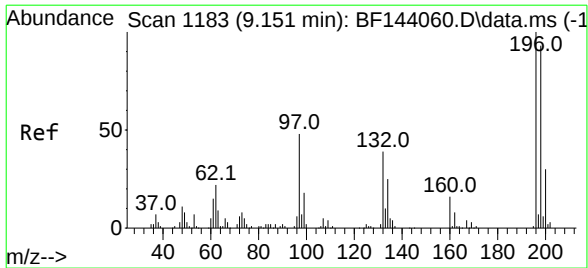


#42
2,4,6-Tribromophenol
Concen: 78.639 ng
RT: 10.710 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF144088.D
Acq: 27 Oct 2025 17:33



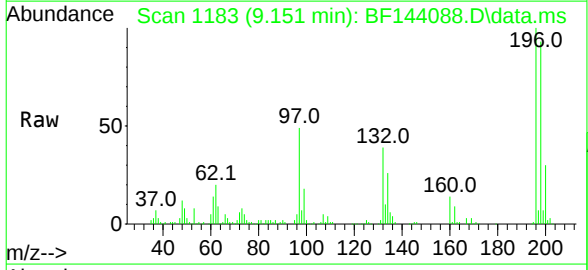
Tgt Ion:330 Resp: 110549
Ion Ratio Lower Upper
330 100
332 94.8 77.0 115.6
141 24.1 19.4 29.0





#43
2,4,6-Trichlorophenol
Concen: 42.230 ng
RT: 9.151 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF144088.D
Acq: 27 Oct 2025 17:33

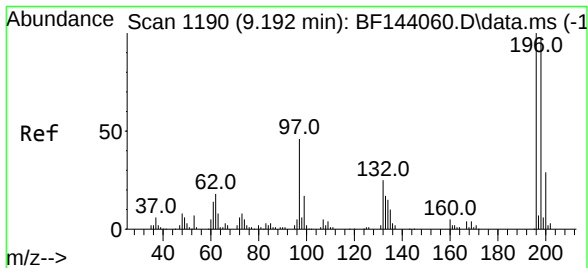
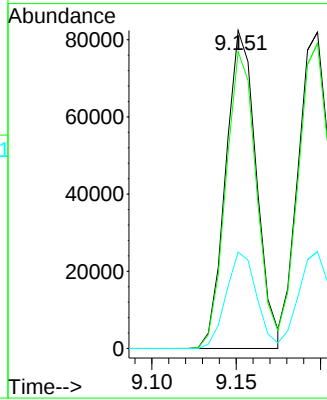
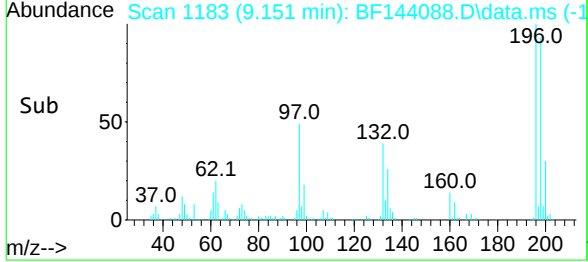
Instrument :
BNA_F
ClientSampleId :
PR132-S07-000102-22510170MSD



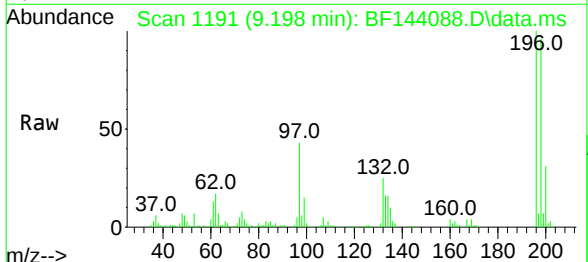
Tgt Ion:196 Resp: 104110
Ion Ratio Lower Upper
196 100
198 93.3 74.4 111.6
200 30.3 23.8 35.8

Manual Integrations
APPROVED

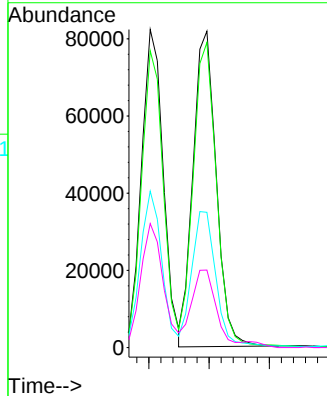
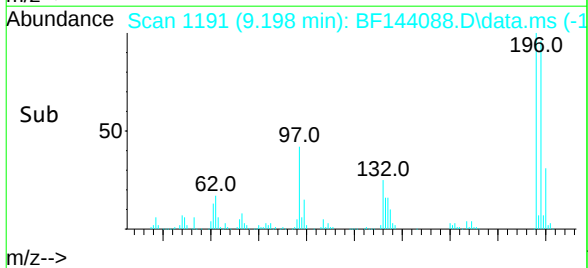
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :mohammad ahmed 10/30/2025

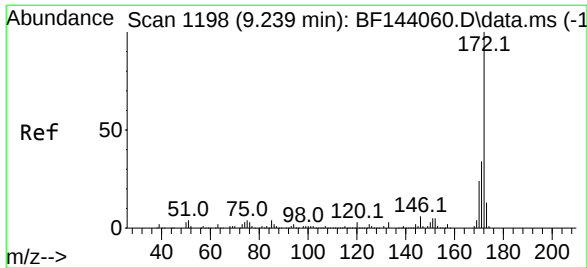


#44
2,4,5-Trichlorophenol
Concen: 42.313 ng
RT: 9.198 min Scan# 1191
Delta R.T. 0.006 min
Lab File: BF144088.D
Acq: 27 Oct 2025 17:33



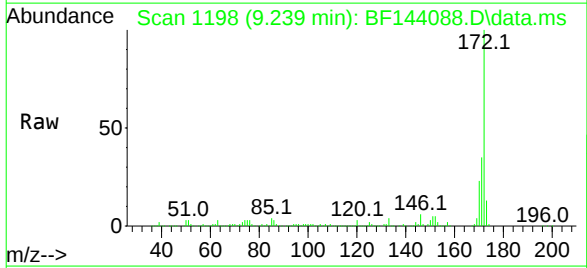
Tgt Ion:196 Resp: 109480
Ion Ratio Lower Upper
196 100
198 96.4 78.0 117.0
97 42.8 37.7 56.5
132 24.5 20.2 30.4





#45
2-Fluorobiphenyl
Concen: 41.071 ng
RT: 9.239 min Scan# 1198
Delta R.T. 0.000 min
Lab File: BF144088.D
Acq: 27 Oct 2025 17:33

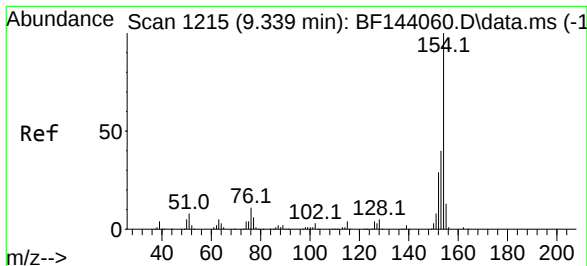
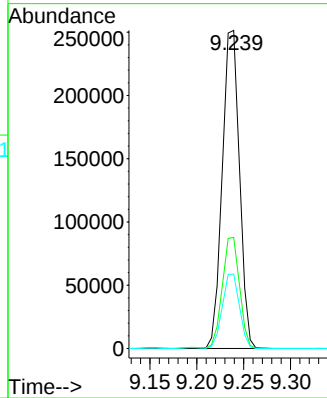
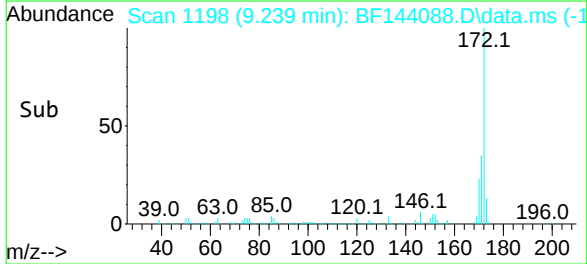
Instrument :
BNA_F
ClientSampleId :
PR132-S07-000102-22510170MSD



Tgt Ion:172 Resp: 322094
Ion Ratio Lower Upper
172 100
171 34.9 27.5 41.3
170 23.4 19.0 28.6

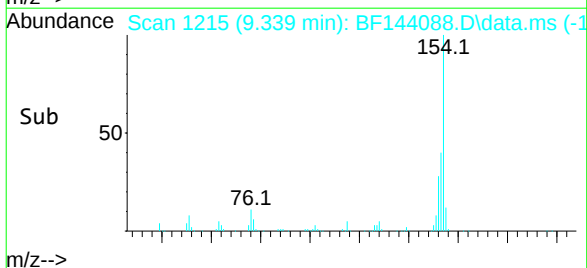
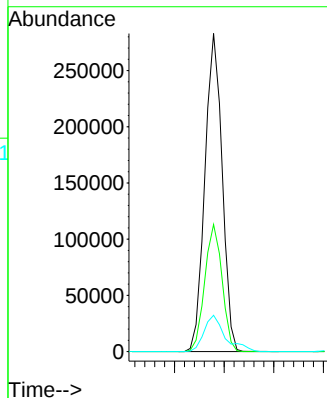
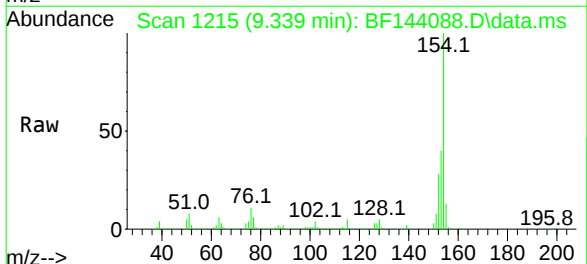
Manual Integrations
APPROVED

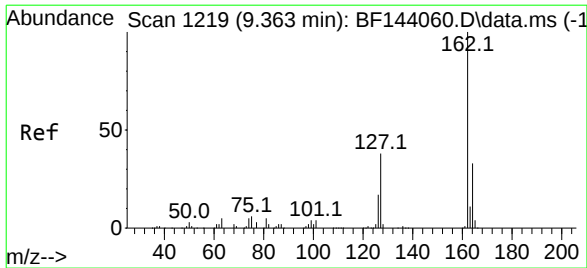
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :mohammad ahmed 10/30/2025



#46
1,1'-Biphenyl
Concen: 43.300 ng
RT: 9.339 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF144088.D
Acq: 27 Oct 2025 17:33

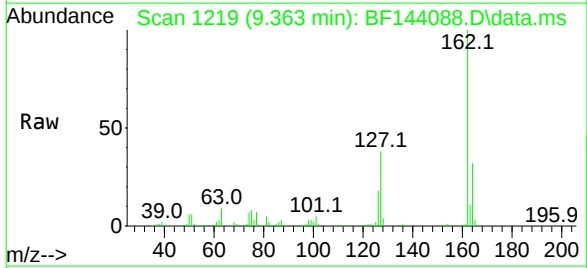
Tgt Ion:154 Resp: 342073
Ion Ratio Lower Upper
154 100
153 40.0 19.7 59.7
76 11.4 0.0 31.1





#47
2-Chloronaphthalene
Concen: 40.062 ng
RT: 9.363 min Scan# 1219
Delta R.T. 0.000 min
Lab File: BF144088.D
Acq: 27 Oct 2025 17:33

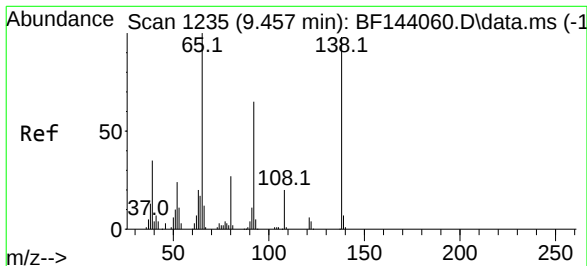
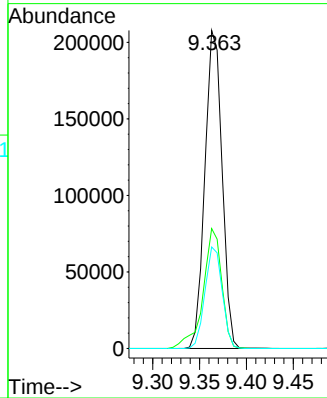
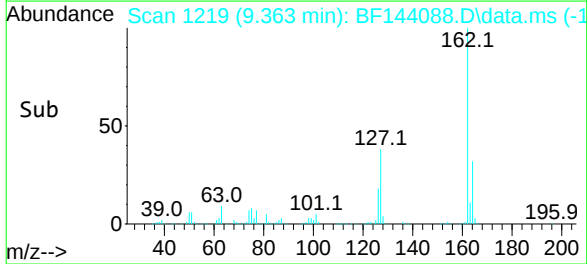
Instrument : BNA_F
ClientSampleId : PR132-S07-000102-22510170MSD



Tgt Ion:162 Resp: 265148
Ion Ratio Lower Upper
162 100
127 37.7 31.6 47.4
164 31.9 26.5 39.7

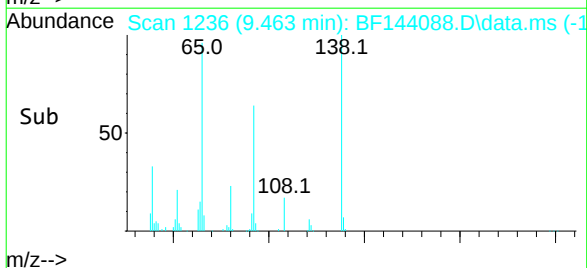
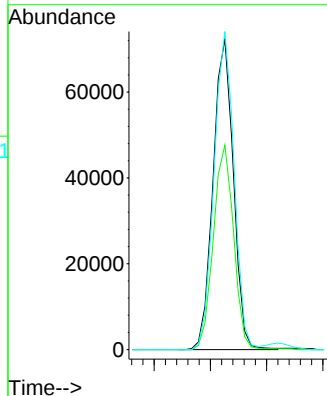
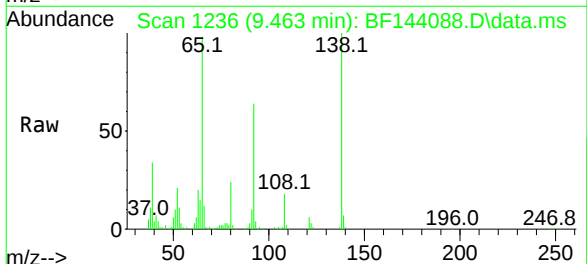
Manual Integrations
APPROVED

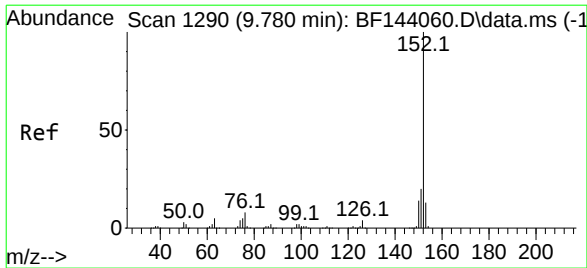
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :mohammad ahmed 10/30/2025



#48
2-Nitroaniline
Concen: 46.160 ng
RT: 9.463 min Scan# 1236
Delta R.T. 0.006 min
Lab File: BF144088.D
Acq: 27 Oct 2025 17:33

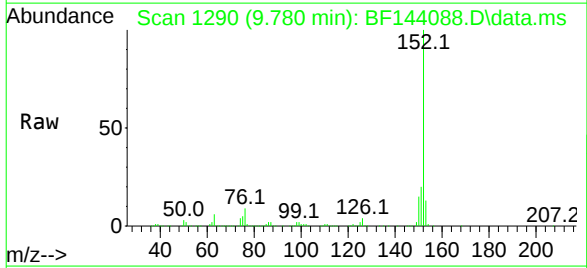
Tgt Ion: 65 Resp: 90721
Ion Ratio Lower Upper
65 100
92 66.0 52.3 78.5
138 102.5 78.3 117.5





#49
Acenaphthylene
Concen: 46.864 ng
RT: 9.780 min Scan# 1290
Delta R.T. 0.000 min
Lab File: BF144088.D
Acq: 27 Oct 2025 17:33

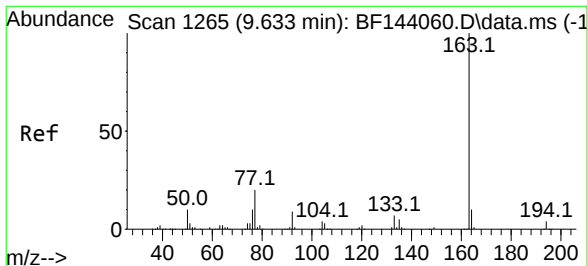
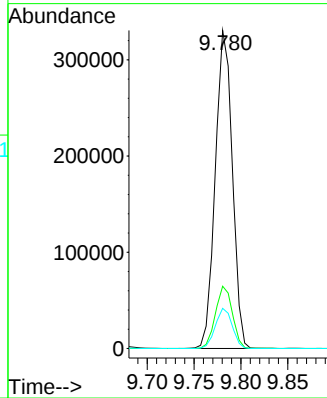
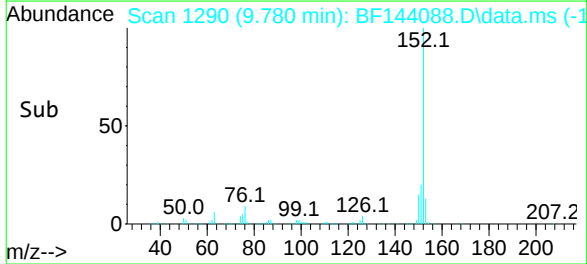
Instrument :
BNA_F
ClientSampleId :
PR132-S07-000102-22510170MSD



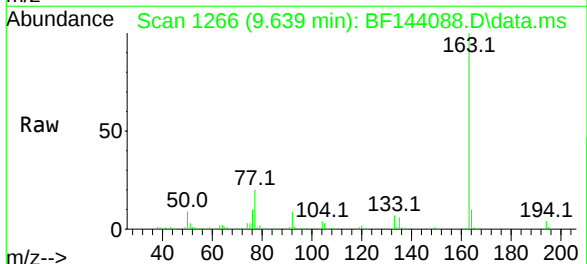
Tgt Ion:152 Resp: 418223
Ion Ratio Lower Upper
152 100
151 19.6 15.9 23.9
153 12.6 10.4 15.6

Manual Integrations
APPROVED

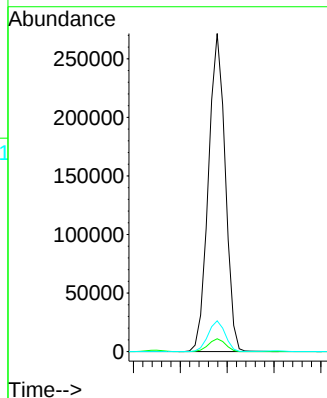
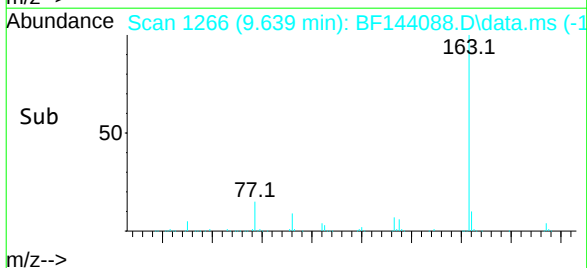
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :mohammad ahmed 10/30/2025

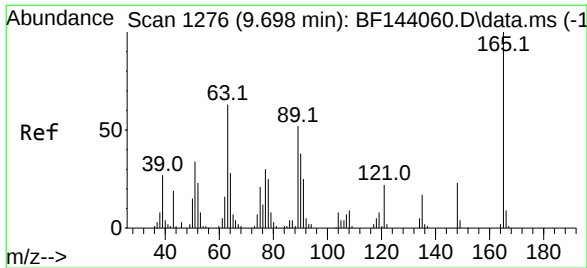


#50
Dimethylphthalate
Concen: 46.921 ng
RT: 9.639 min Scan# 1266
Delta R.T. 0.006 min
Lab File: BF144088.D
Acq: 27 Oct 2025 17:33



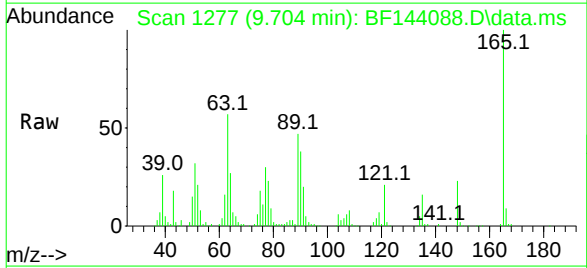
Tgt Ion:163 Resp: 339418
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 9.7 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 49.397 ng
RT: 9.704 min Scan# 1276
Delta R.T. 0.006 min
Lab File: BF144088.D
Acq: 27 Oct 2025 17:33

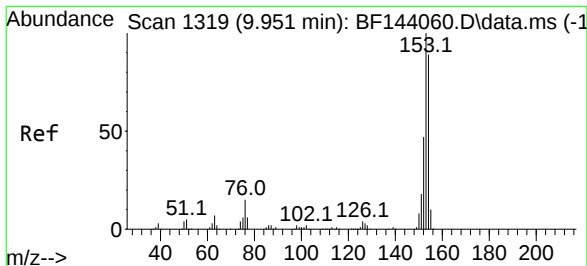
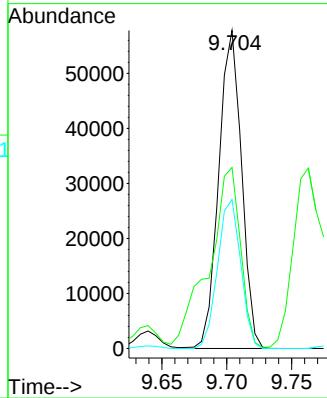
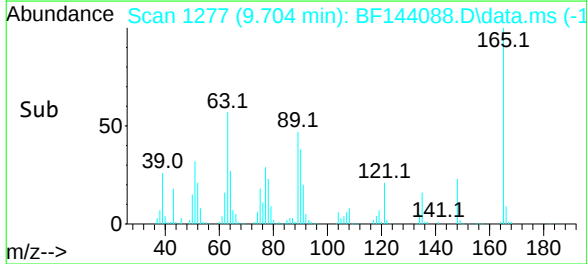
Instrument :
BNA_F
ClientSampleId :
PR132-S07-000102-22510170MSD



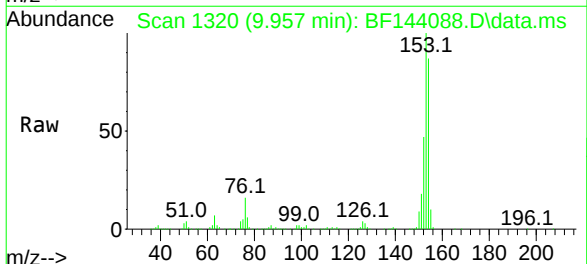
Tgt Ion:165 Resp: 70642
Ion Ratio Lower Upper
165 100
63 56.9 50.4 75.6
89 46.8 41.4 62.2

Manual Integrations
APPROVED

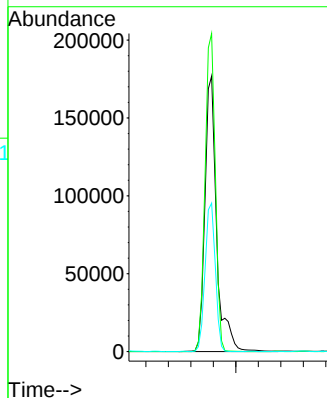
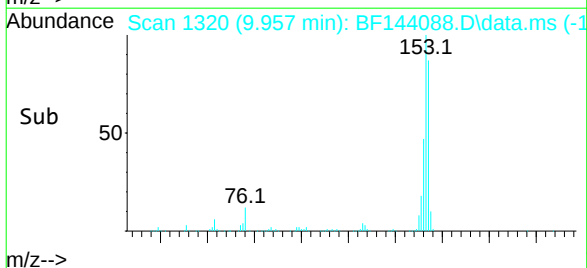
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :mohammad ahmed 10/30/2025

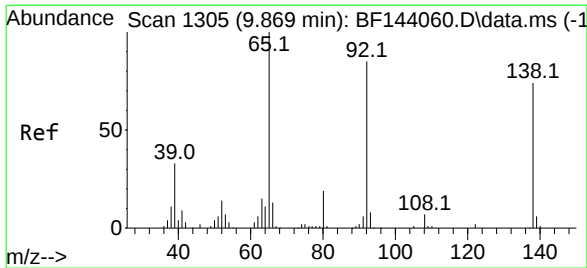


#52
Acenaphthene
Concen: 43.094 ng
RT: 9.957 min Scan# 1320
Delta R.T. 0.006 min
Lab File: BF144088.D
Acq: 27 Oct 2025 17:33



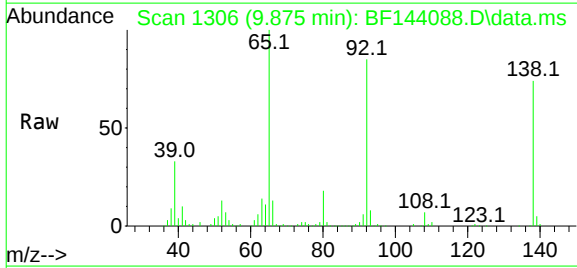
Tgt Ion:154 Resp: 256838
Ion Ratio Lower Upper
154 100
153 115.4 89.9 134.9
152 53.9 42.0 63.0





#53
3-Nitroaniline
Concen: 49.940 ng
RT: 9.875 min Scan# 1306
Delta R.T. 0.006 min
Lab File: BF144088.D
Acq: 27 Oct 2025 17:33

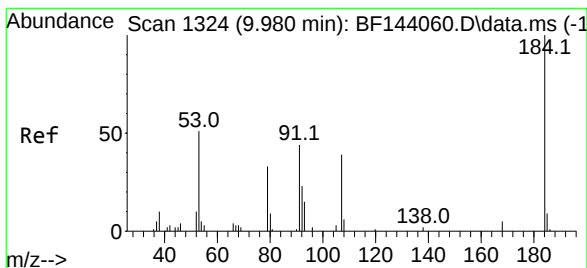
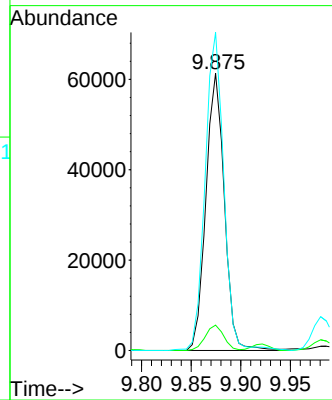
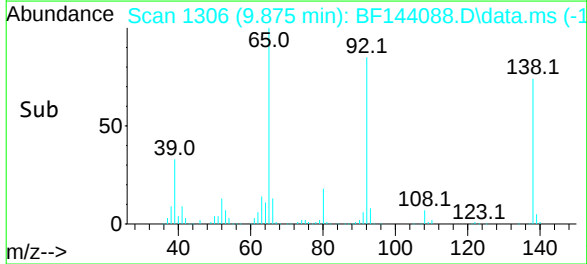
Instrument :
BNA_F
ClientSampleId :
PR132-S07-000102-22510170MSD



Tgt Ion:138 Resp: 79404
Ion Ratio Lower Upper
138 100
108 9.2 7.9 11.9
92 114.7 92.0 138.0

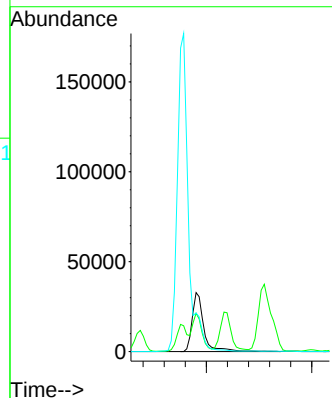
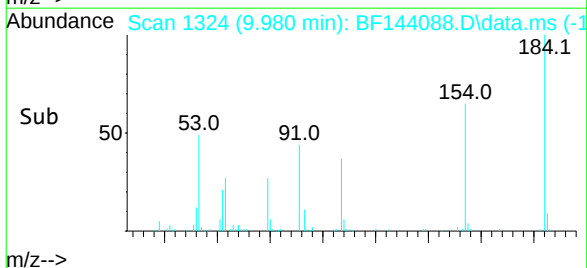
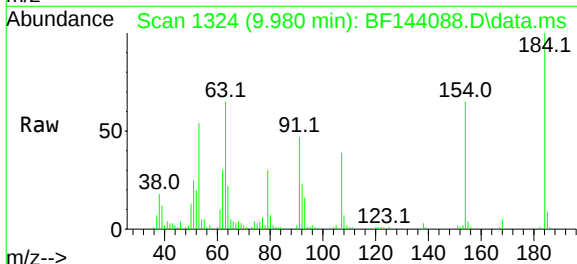
Manual Integrations
APPROVED

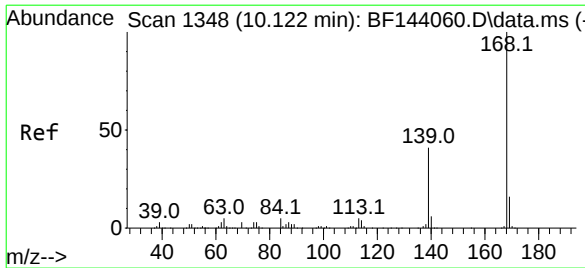
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :mohammad ahmed 10/30/2025



#54
2,4-Dinitrophenol
Concen: 65.002 ng
RT: 9.980 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF144088.D
Acq: 27 Oct 2025 17:33

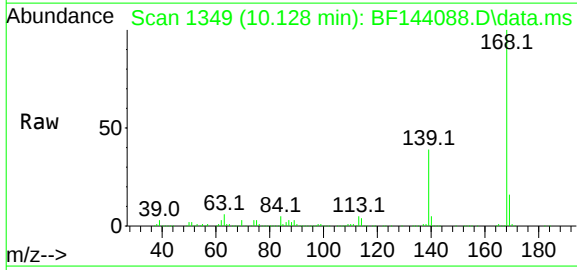
Tgt Ion:184 Resp: 50277
Ion Ratio Lower Upper
184 100
63 65.1 52.1 78.1
154 65.3 47.9 71.9





#55
Dibenzenofuran
Concen: 44.014 ng
RT: 10.128 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF144088.D
Acq: 27 Oct 2025 17:33

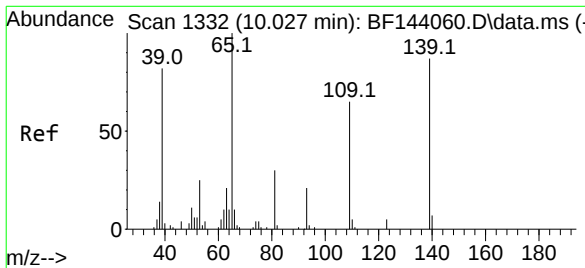
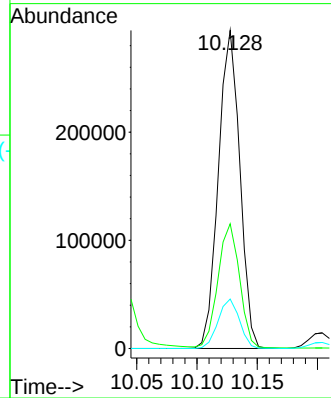
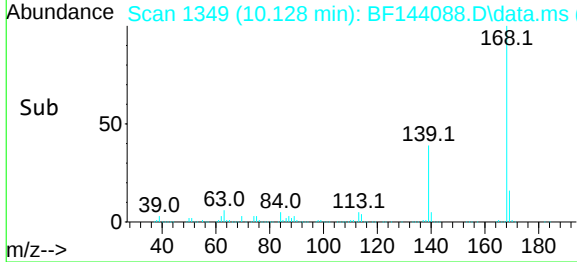
Instrument :
BNA_F
ClientSampleId :
PR132-S07-000102-22510170MSD



Tgt Ion:168 Resp: 364175
Ion Ratio Lower Upper
168 100
139 39.2 33.2 49.8
169 15.5 12.6 19.0

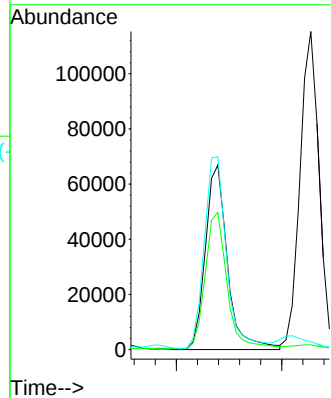
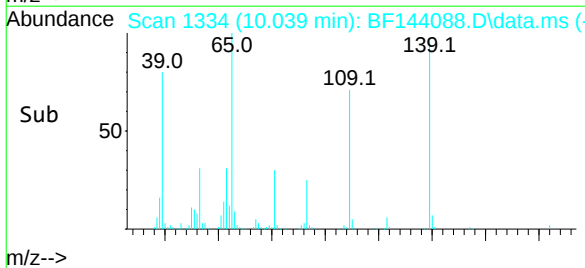
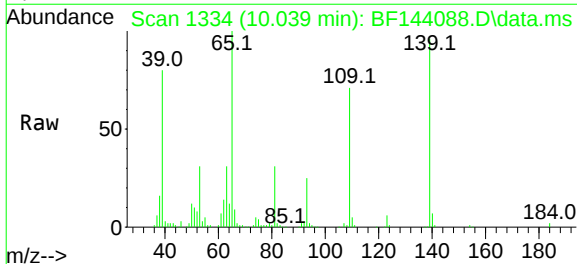
Manual Integrations
APPROVED

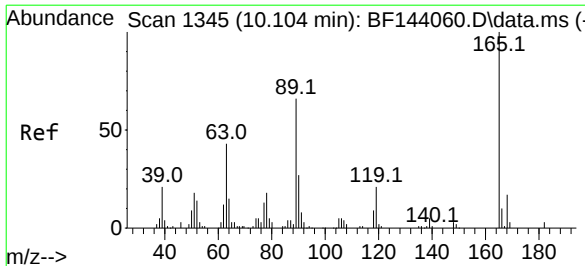
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :mohammad ahmed 10/30/2025



#56
4-Nitrophenol
Concen: 90.471 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.012 min
Lab File: BF144088.D
Acq: 27 Oct 2025 17:33

Tgt Ion:139 Resp: 97407
Ion Ratio Lower Upper
139 100
109 74.4 53.8 93.8
65 104.6 95.9 135.9





#57

2,4-Dinitrotoluene

Concen: 51.529 ng

RT: 10.110 min Scan# 1345

Delta R.T. 0.006 min

Lab File: BF144088.D

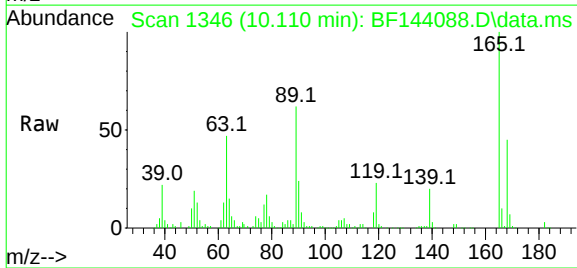
Acq: 27 Oct 2025 17:33

Instrument :

BNA_F

ClientSampleId :

PR132-S07-000102-22510170MSD



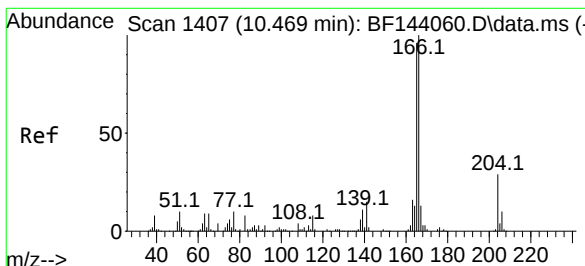
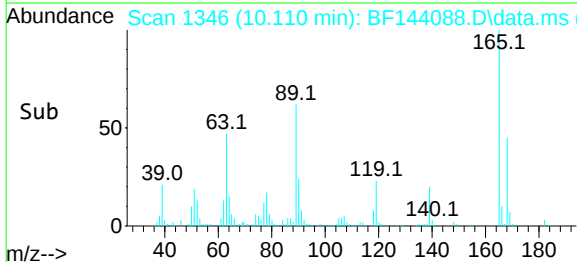
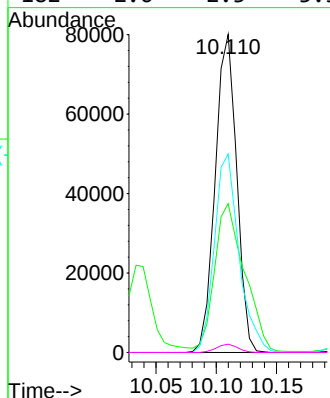
Tgt Ion:	165	Resp:	99455
Ion Ratio	Lower	Upper	
165	100		
63	46.8	35.4	53.2
89	62.4	52.7	79.1
182	2.6	2.3	3.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :mohammad ahmed 10/30/2025



#58

Fluorene

Concen: 45.336 ng

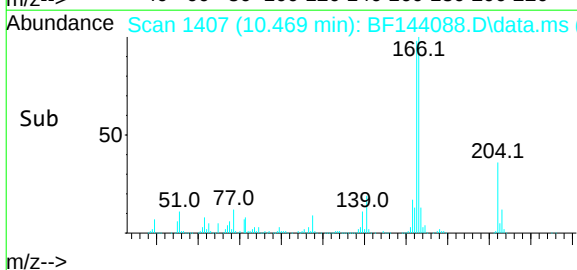
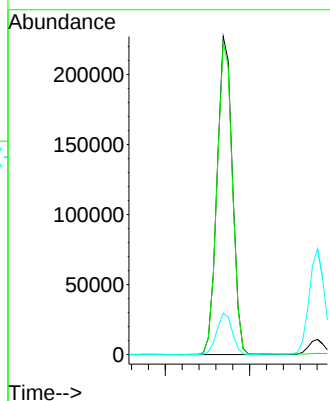
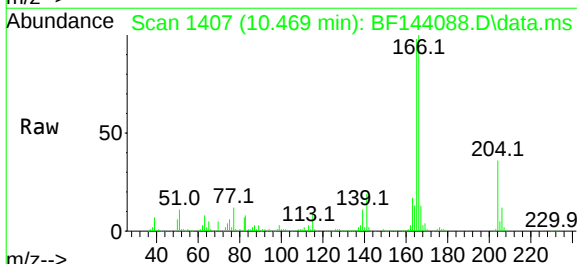
RT: 10.469 min Scan# 1407

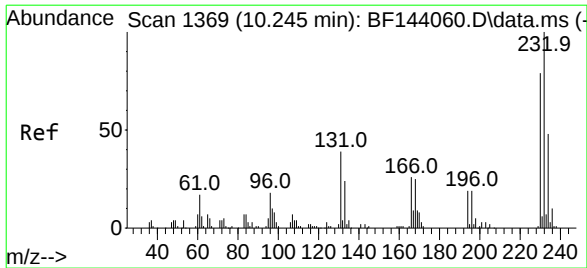
Delta R.T. 0.000 min

Lab File: BF144088.D

Acq: 27 Oct 2025 17:33

Tgt Ion:	166	Resp:	285815
Ion Ratio	Lower	Upper	
166	100		
165	98.2	77.0	115.4
167	13.0	10.2	15.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 51.023 ng m

RT: 10.245 min Scan# 1369

Delta R.T. 0.000 min

Lab File: BF144088.D

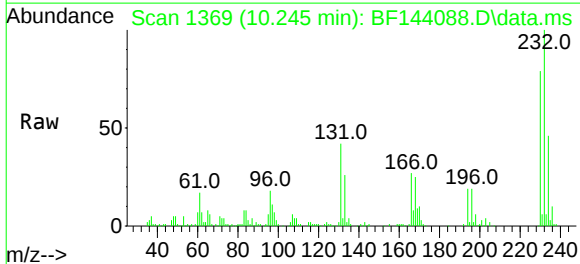
Acq: 27 Oct 2025 17:33

Instrument :

BNA_F

ClientSampleId :

PR132-S07-000102-22510170MSD



Tgt Ion:232 Resp: 93028

Ion Ratio Lower Upper

232 100

131 35.7 31.9 47.9

130 1.5 1.1 1.7

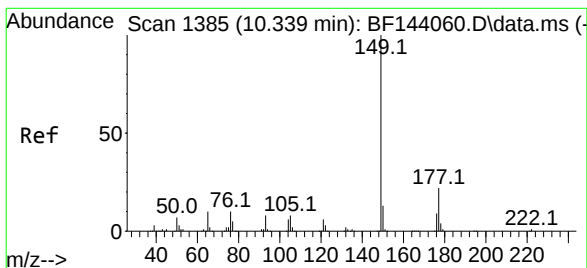
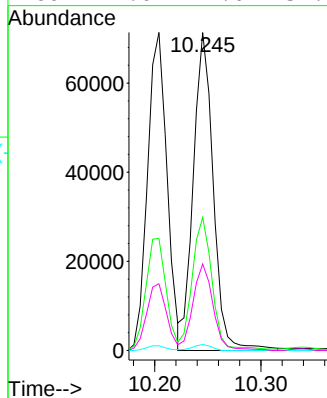
166 21.0 21.0 31.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :mohammad ahmed 10/30/2025



#60

Diethylphthalate

Concen: 47.155 ng

RT: 10.339 min Scan# 1385

Delta R.T. 0.000 min

Lab File: BF144088.D

Acq: 27 Oct 2025 17:33

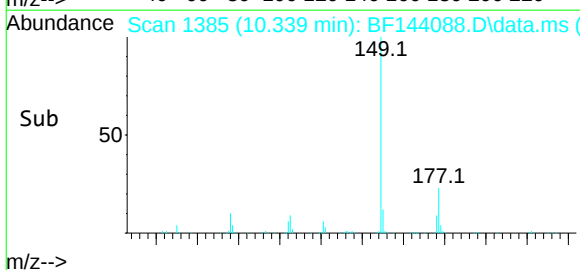
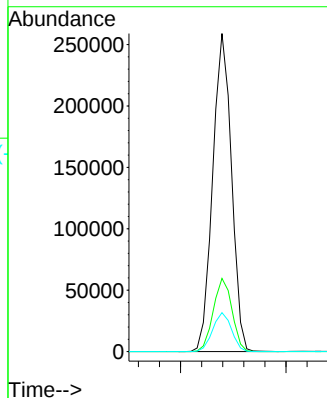
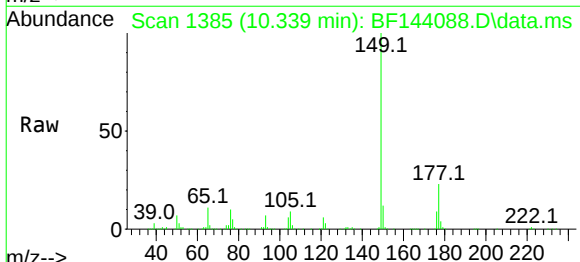
Tgt Ion:149 Resp: 320790

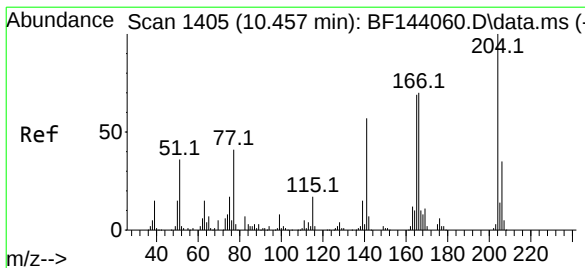
Ion Ratio Lower Upper

149 100

177 23.0 17.8 26.6

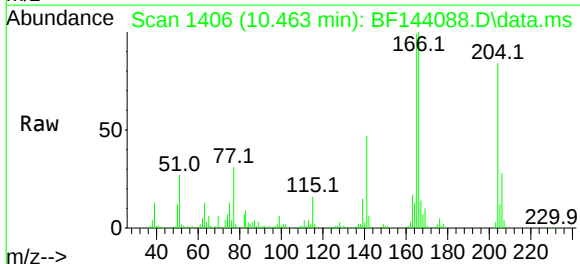
150 12.2 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 43.653 ng
RT: 10.463 min Scan# 1405
Delta R.T. 0.006 min
Lab File: BF144088.D
Acq: 27 Oct 2025 17:33

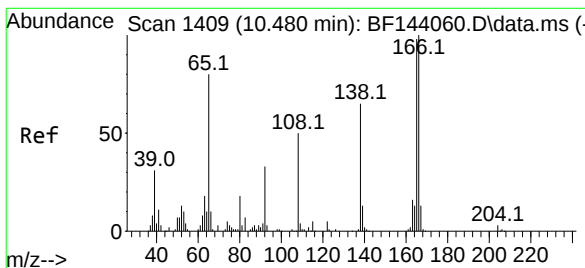
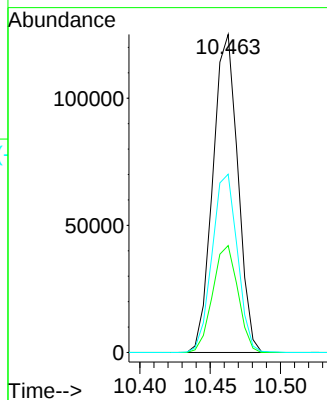
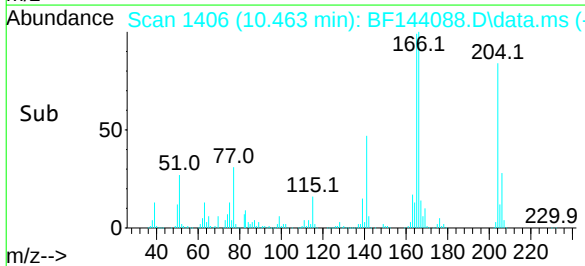
Instrument :
BNA_F
ClientSampleId :
PR132-S07-000102-22510170MSD



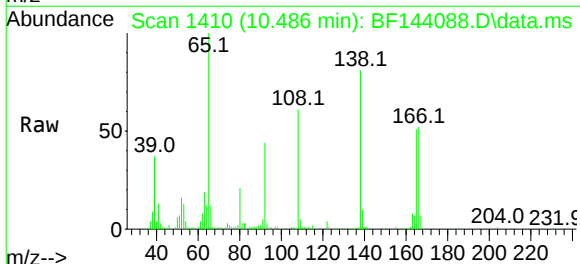
Tgt Ion:204 Resp: 154764
Ion Ratio Lower Upper
204 100
206 33.6 27.8 41.6
141 56.1 45.4 68.2

Manual Integrations
APPROVED

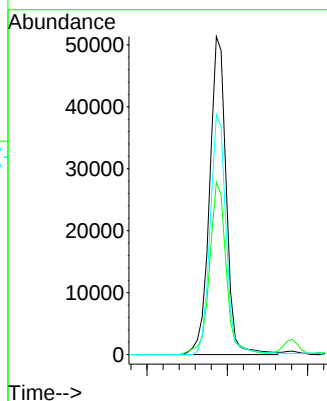
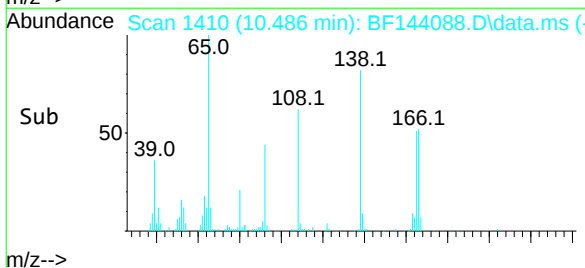
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :mohammad ahmed 10/30/2025

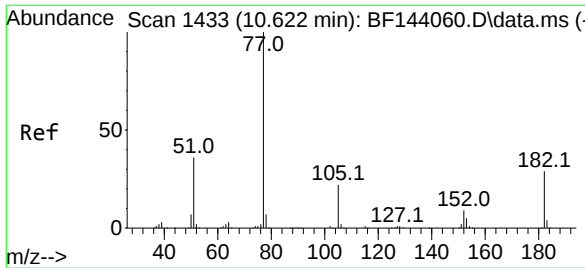


#62
4-Nitroaniline
Concen: 49.021 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF144088.D
Acq: 27 Oct 2025 17:33



Tgt Ion:138 Resp: 73850
Ion Ratio Lower Upper
138 100
92 54.2 30.5 70.5
108 75.5 56.2 96.2





#63

Azobenzene

Concen: 48.211 ng

RT: 10.622 min Scan# 1433

Delta R.T. 0.000 min

Lab File: BF144088.D

Acq: 27 Oct 2025 17:33

Instrument :

BNA_F

ClientSampleId :

PR132-S07-000102-22510170MSD

Tgt Ion: 77 Resp: 310419

Ion Ratio Lower Upper

77 100

182 30.1 9.0 49.0

105 23.1 1.4 41.4

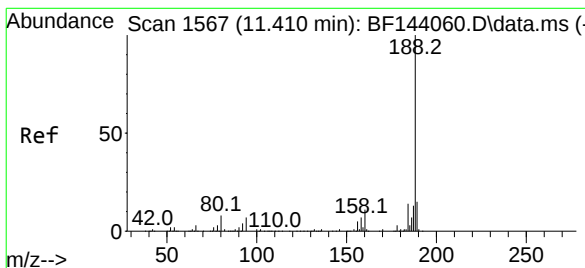
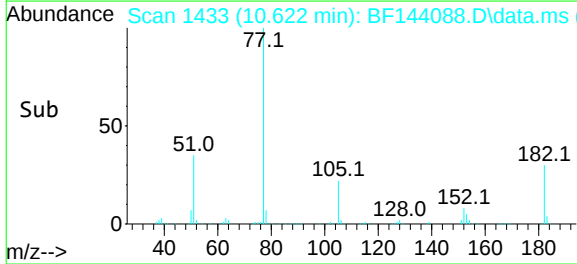
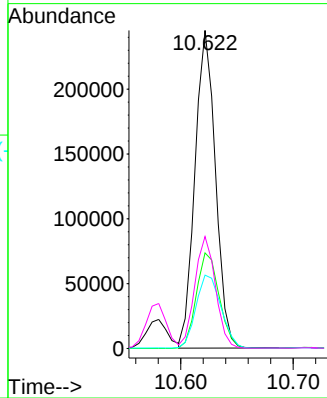
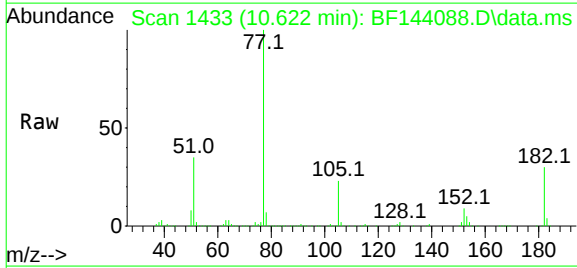
51 35.2 16.9 56.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :mohammad ahmed 10/30/2025



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1567

Delta R.T. 0.000 min

Lab File: BF144088.D

Acq: 27 Oct 2025 17:33

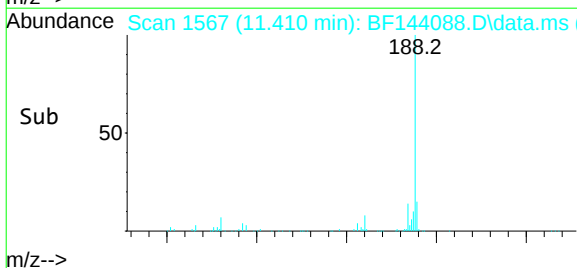
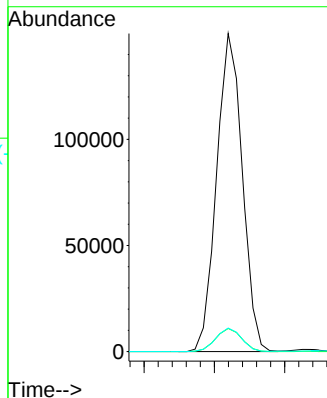
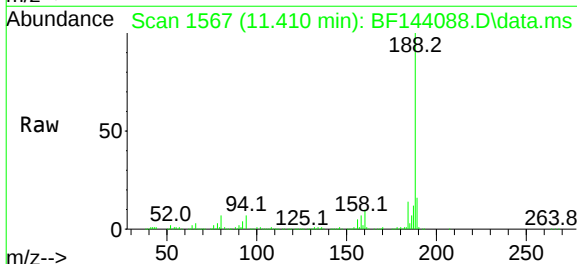
Tgt Ion:188 Resp: 190166

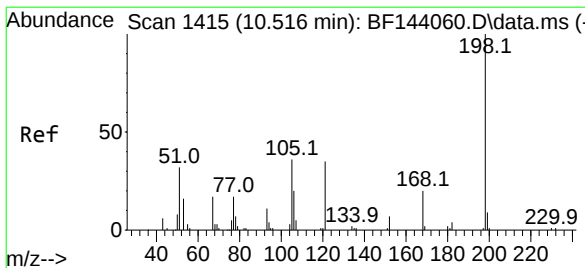
Ion Ratio Lower Upper

188 100

94 7.3 5.4 8.0

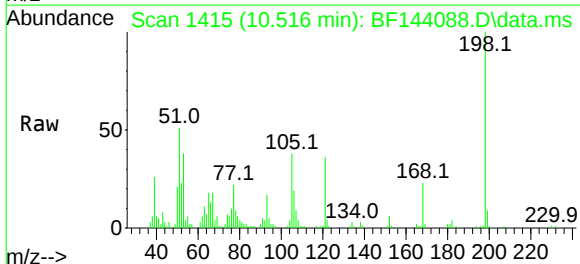
80 7.4 6.0 9.0





#65
4,6-Dinitro-2-methylphenol
Concen: 38.693 ng
RT: 10.516 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF144088.D
Acq: 27 Oct 2025 17:33

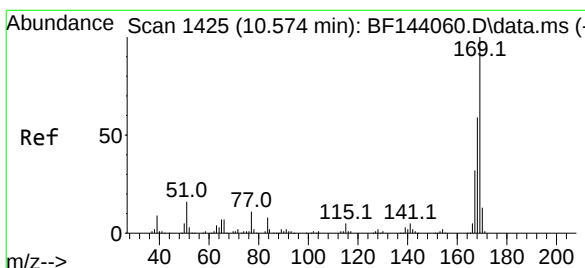
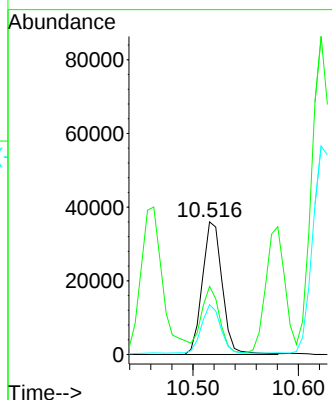
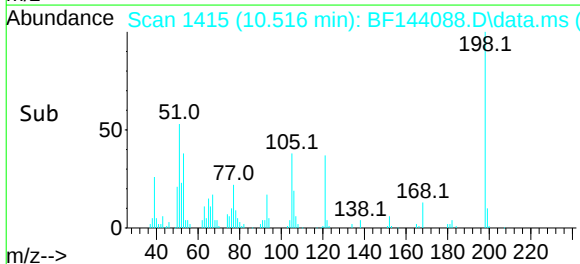
Instrument :
BNA_F
ClientSampleId :
PR132-S07-000102-22510170MSD



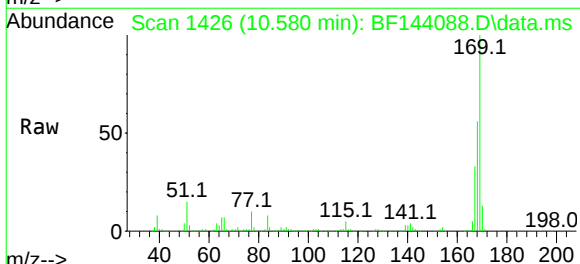
Tgt Ion:198 Resp: 47209
Ion Ratio Lower Upper
198 100
51 51.4 25.8 65.8
105 37.6 17.2 57.2

Manual Integrations
APPROVED

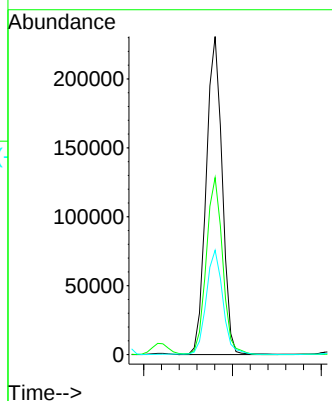
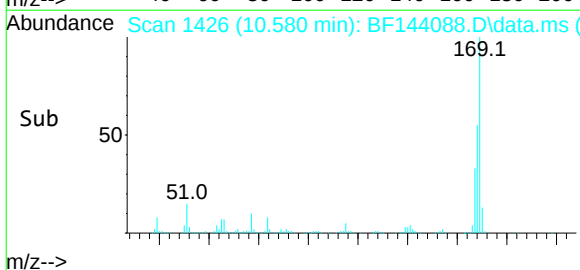
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :mohammad ahmed 10/30/2025

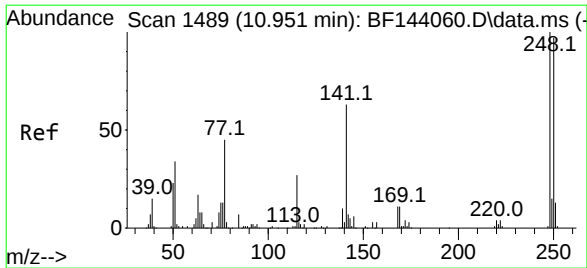


#66
n-Nitrosodiphenylamine
Concen: 47.612 ng
RT: 10.580 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF144088.D
Acq: 27 Oct 2025 17:33



Tgt Ion:169 Resp: 289286
Ion Ratio Lower Upper
169 100
168 55.6 47.4 71.2
167 32.8 25.5 38.3





#67

4-Bromophenyl-phenylether

Concen: 43.644 ng

RT: 10.951 min Scan# 1489

Delta R.T. 0.000 min

Lab File: BF144088.D

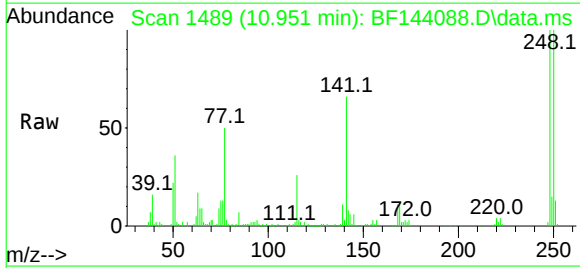
Acq: 27 Oct 2025 17:33

Instrument :

BNA_F

ClientSampleId :

PR132-S07-000102-22510170MSD



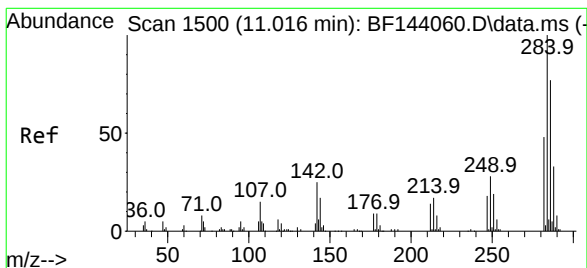
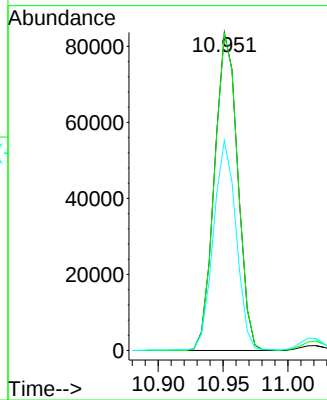
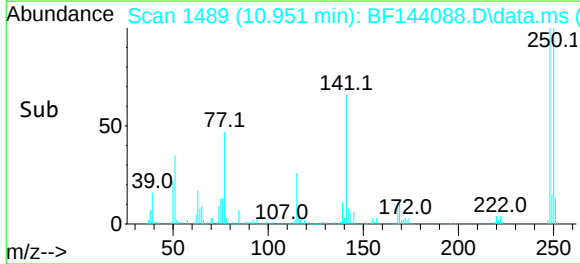
Tgt Ion:	248	Resp:	103916
Ion Ratio	Lower	Upper	
248	100		
250	99.6	77.8	116.6
141	66.0	50.5	75.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :mohammad ahmed 10/30/2025



#68

Hexachlorobenzene

Concen: 45.058 ng

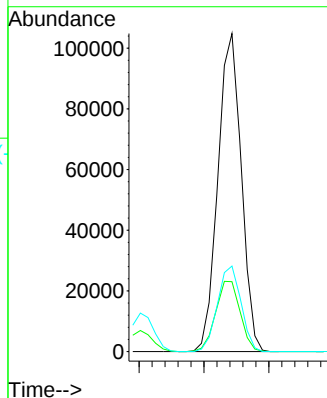
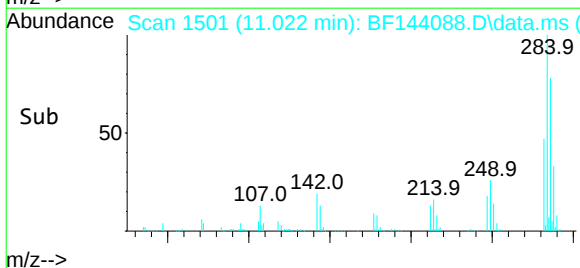
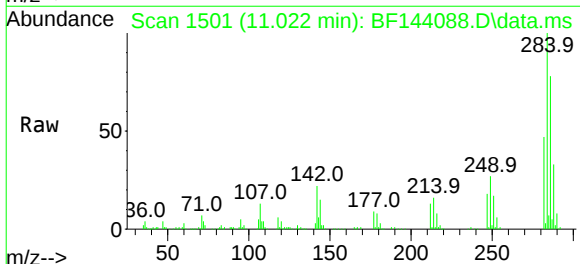
RT: 11.022 min Scan# 1501

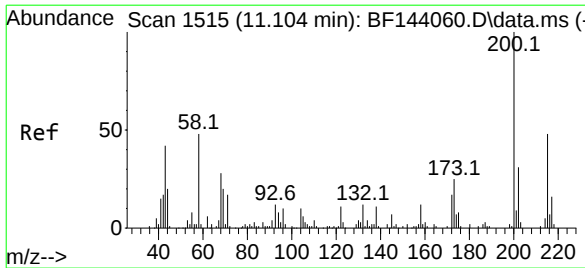
Delta R.T. 0.006 min

Lab File: BF144088.D

Acq: 27 Oct 2025 17:33

Tgt Ion:	284	Resp:	131574
Ion Ratio	Lower	Upper	
284	100		
142	22.0	20.0	30.0
249	26.9	22.2	33.2





#69

Atrazine

Concen: 50.415 ng

RT: 11.110 min Scan# 1516

Delta R.T. 0.006 min

Lab File: BF144088.D

Acq: 27 Oct 2025 17:33

Instrument :

BNA_F

ClientSampleId :

PR132-S07-000102-22510170MSD

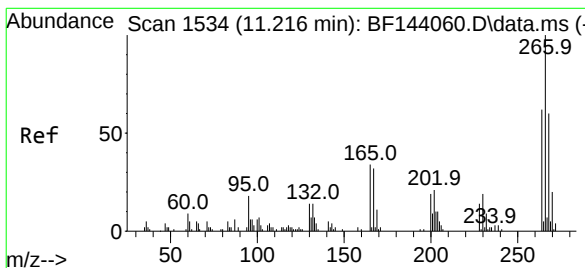
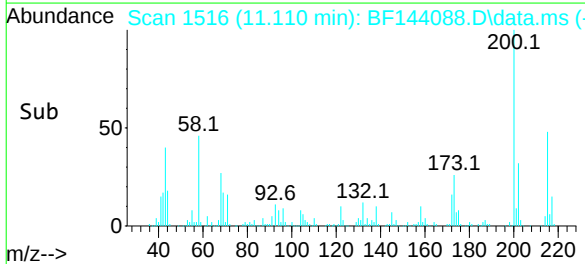
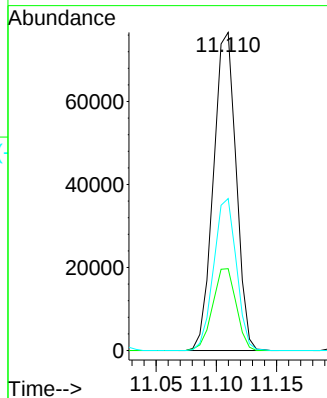
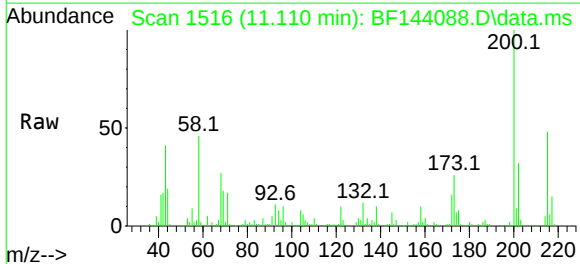
Tgt Ion:	200	Resp:	100516
Ion Ratio	Lower	Upper	
200	100		
173	25.7	4.9	44.9
215	47.8	28.2	68.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :mohammad ahmed 10/30/2025



#70

Pentachlorophenol

Concen: 92.022 ng

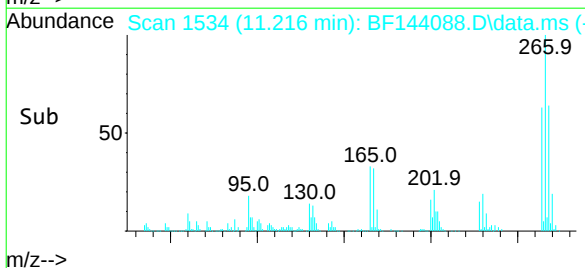
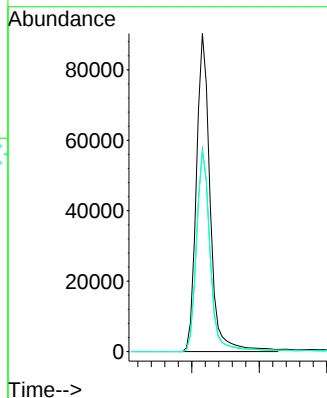
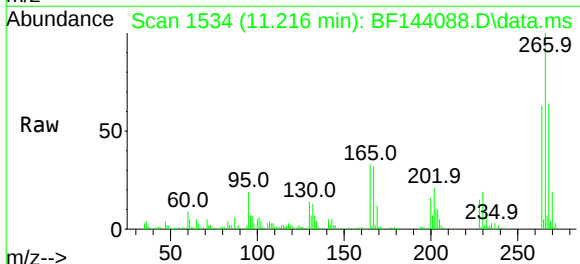
RT: 11.216 min Scan# 1534

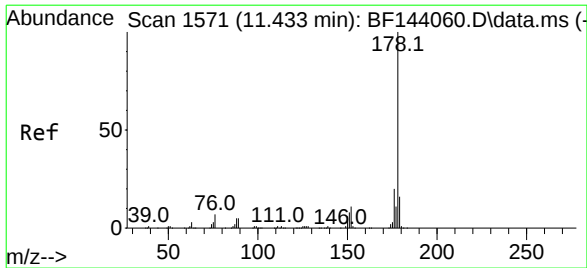
Delta R.T. 0.000 min

Lab File: BF144088.D

Acq: 27 Oct 2025 17:33

Tgt Ion:	266	Resp:	127907
Ion Ratio	Lower	Upper	
266	100		
268	63.6	48.2	72.4
264	63.3	49.4	74.0





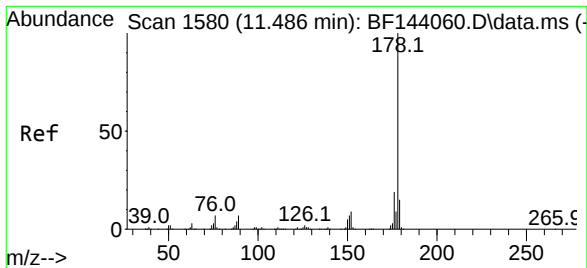
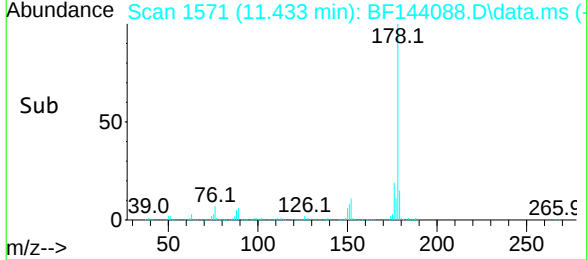
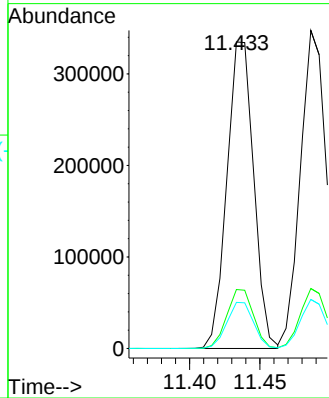
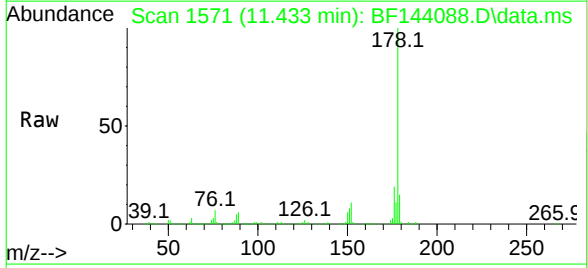
#71
Phenanthrene
Concen: 47.006 ng
RT: 11.433 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF144088.D
Acq: 27 Oct 2025 17:33

Instrument :
BNA_F
ClientSampleId :
PR132-S07-000102-22510170MSD

Tgt Ion:	178	Resp:	444051
Ion Ratio	Lower	Upper	
178	100		
176	19.2	16.3	24.5
179	15.0	12.6	18.8

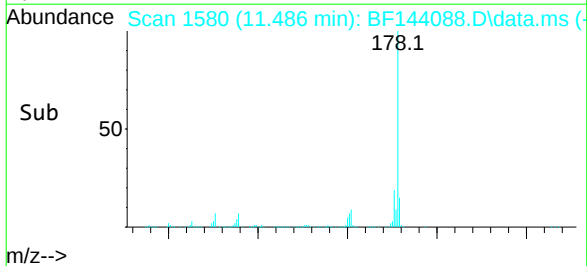
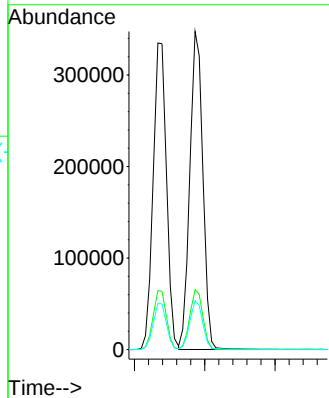
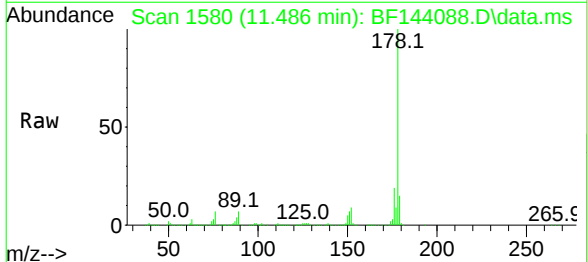
Manual Integrations
APPROVED

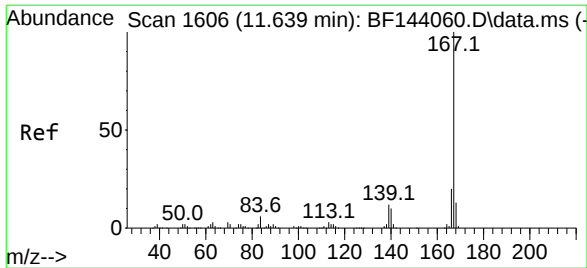
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :mohammad ahmed 10/30/2025



#72
Anthracene
Concen: 45.838 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF144088.D
Acq: 27 Oct 2025 17:33

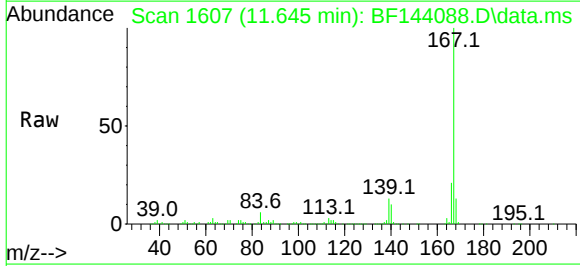
Tgt Ion:	178	Resp:	447311
Ion Ratio	Lower	Upper	
178	100		
176	18.9	15.0	22.4
179	15.4	11.8	17.6





#73
Carbazole
Concen: 45.316 ng
RT: 11.645 min Scan# 1607
Delta R.T. 0.006 min
Lab File: BF144088.D
Acq: 27 Oct 2025 17:33

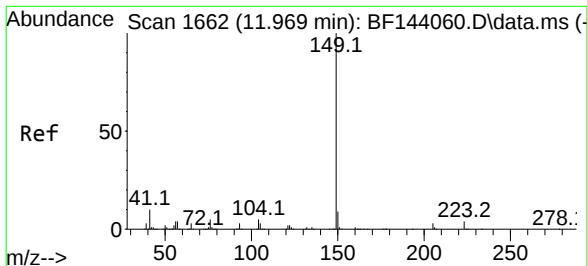
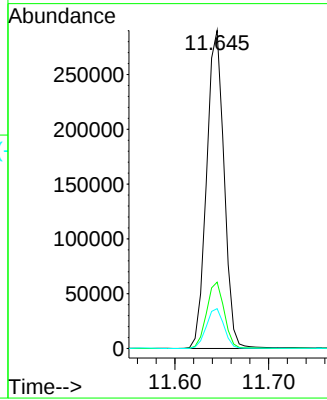
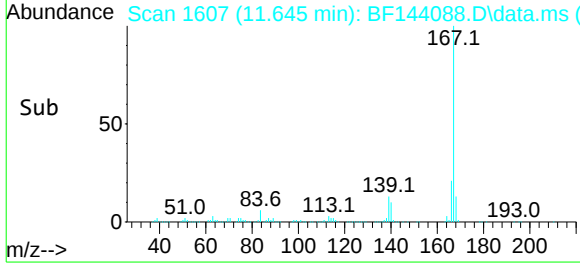
Instrument :
BNA_F
ClientSampleId :
PR132-S07-000102-22510170MSD



Tgt Ion:167 Resp: 376395
Ion Ratio Lower Upper
167 100
166 20.9 16.1 24.1
139 12.5 9.8 14.6

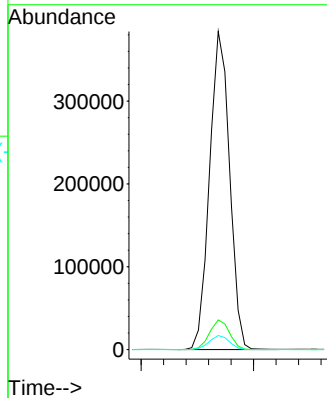
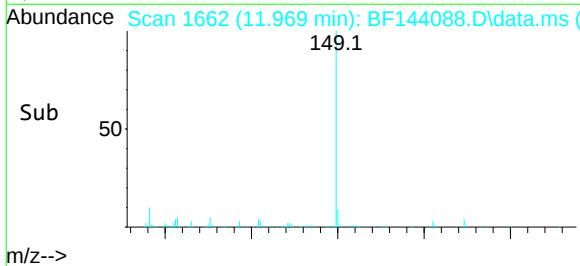
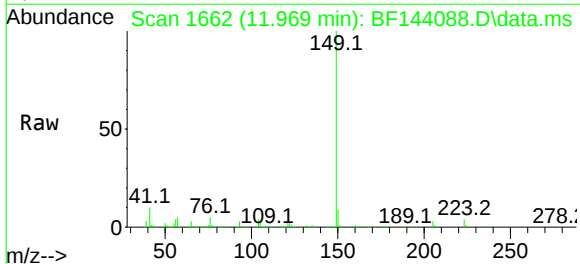
Manual Integrations
APPROVED

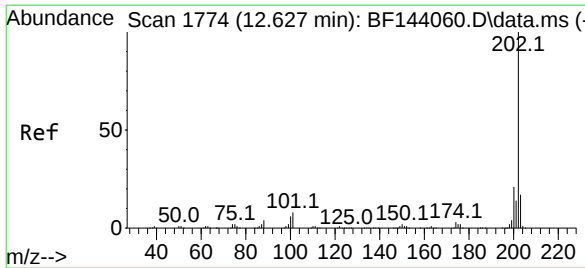
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :mohammad ahmed 10/30/2025



#74
Di-n-butylphthalate
Concen: 46.751 ng
RT: 11.969 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BF144088.D
Acq: 27 Oct 2025 17:33

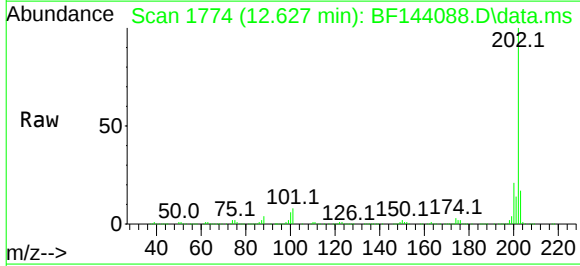
Tgt Ion:149 Resp: 476088
Ion Ratio Lower Upper
149 100
150 9.3 7.3 10.9
104 4.4 3.6 5.4





#75
Fluoranthene
Concen: 41.950 ng
RT: 12.627 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF144088.D
Acq: 27 Oct 2025 17:33

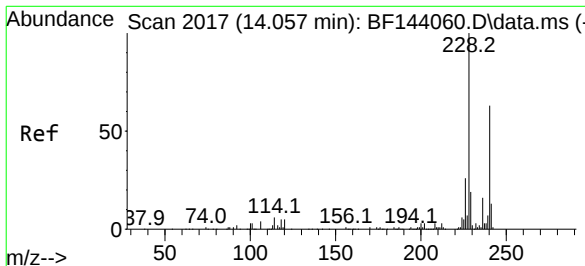
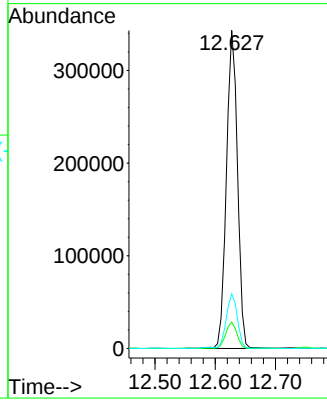
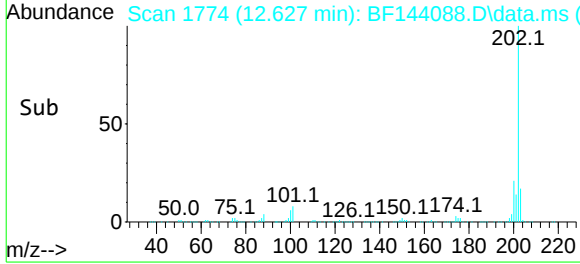
Instrument :
BNA_F
ClientSampleId :
PR132-S07-000102-22510170MSD



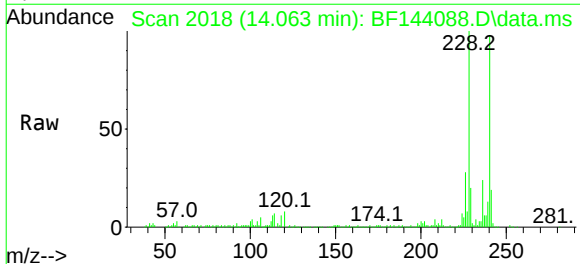
Tgt Ion:202 Resp: 437819
Ion Ratio Lower Upper
202 100
101 8.3 0.0 27.7
203 17.2 0.0 37.3

Manual Integrations
APPROVED

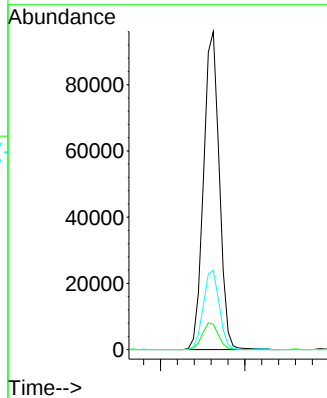
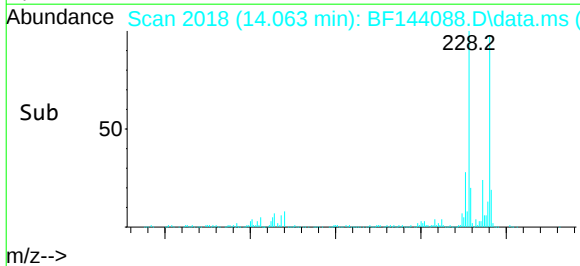
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :mohammad ahmed 10/30/2025

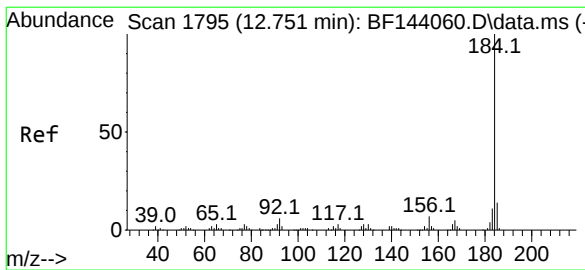


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. 0.006 min
Lab File: BF144088.D
Acq: 27 Oct 2025 17:33



Tgt Ion:240 Resp: 124342
Ion Ratio Lower Upper
240 100
120 8.0 6.5 9.7
236 25.0 20.1 30.1





#77

Benzidine

Concen: 74.930 ng

RT: 12.751 min Scan# 1795

Delta R.T. 0.000 min

Lab File: BF144088.D

Acq: 27 Oct 2025 17:33

Instrument :

BNA_F

ClientSampleId :

PR132-S07-000102-22510170MSD

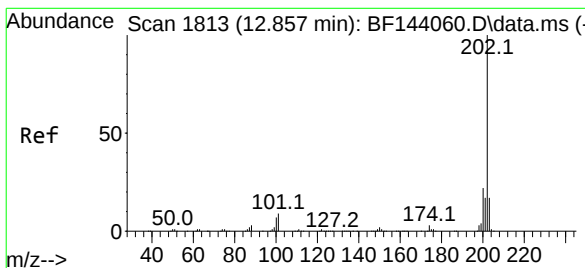
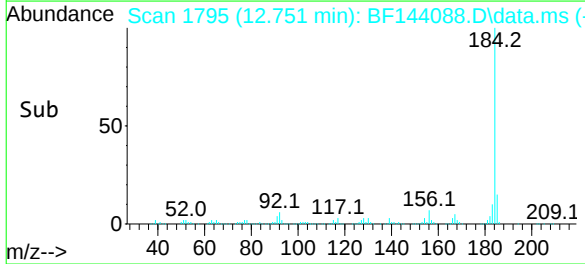
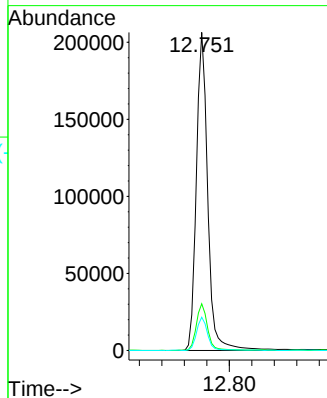
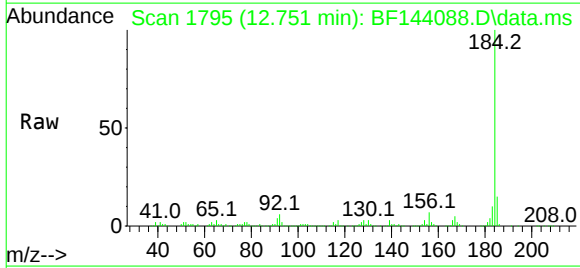
Tgt Ion:	184	Resp:	289959
Ion Ratio	Lower	Upper	
184	100		
185	14.7	11.6	17.4
183	10.5	8.5	12.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :mohammad ahmed 10/30/2025



#78

Pyrene

Concen: 48.914 ng

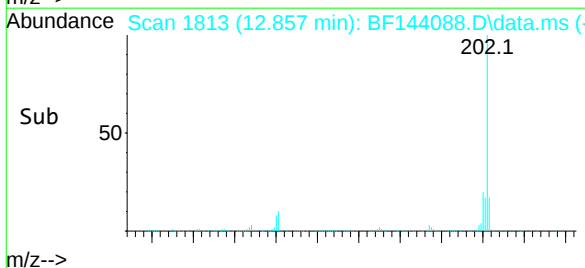
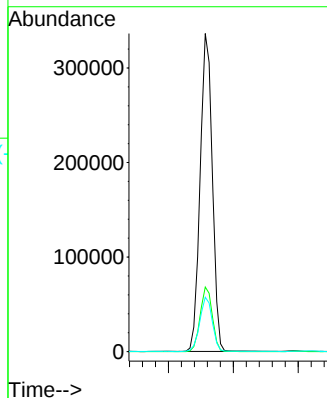
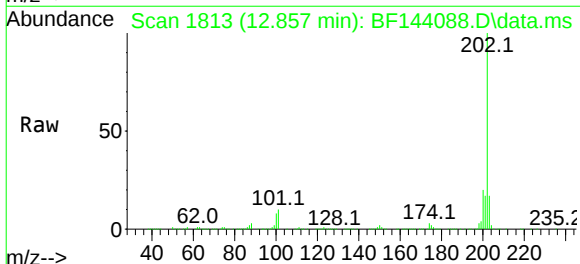
RT: 12.857 min Scan# 1813

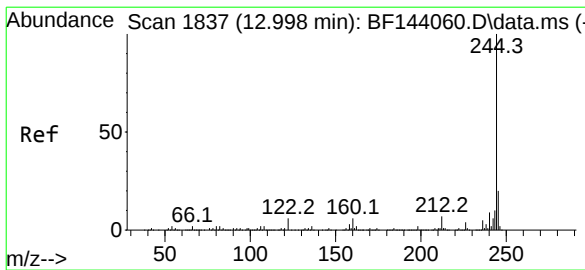
Delta R.T. 0.000 min

Lab File: BF144088.D

Acq: 27 Oct 2025 17:33

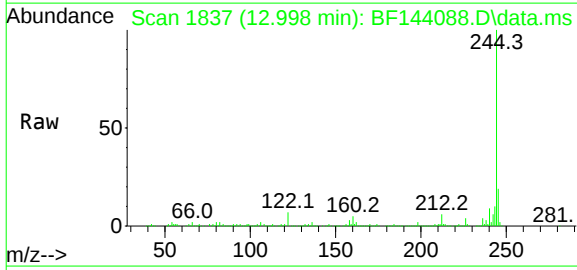
Tgt Ion:	202	Resp:	437256
Ion Ratio	Lower	Upper	
202	100		
200	20.3	17.2	25.8
203	17.1	13.5	20.3





#79
 Terphenyl-d14
 Concen: 48.647 ng
 RT: 12.998 min Scan# 1837
 Delta R.T. 0.000 min
 Lab File: BF144088.D
 Acq: 27 Oct 2025 17:33

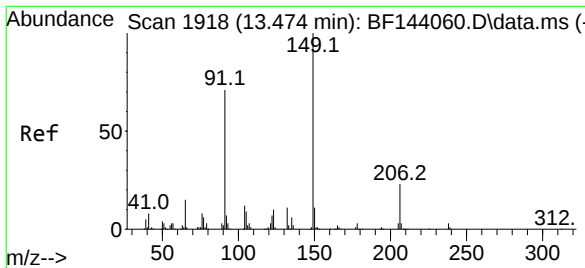
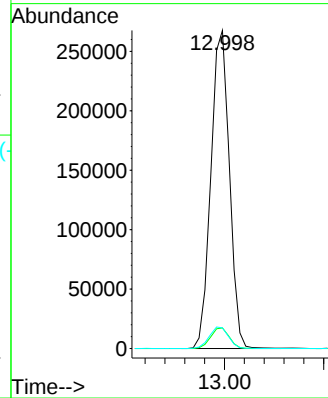
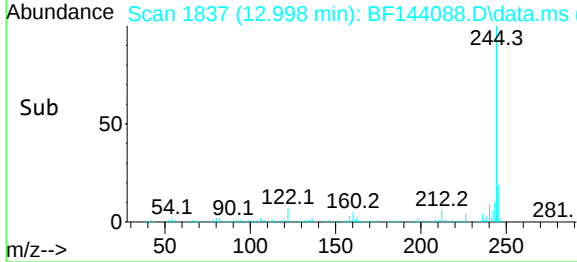
Instrument : BNA_F
 ClientSampleId : PR132-S07-000102-22510170MSD



Tgt Ion:	244	Resp:	346001
Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.8	8.6
122	6.5	4.9	7.3

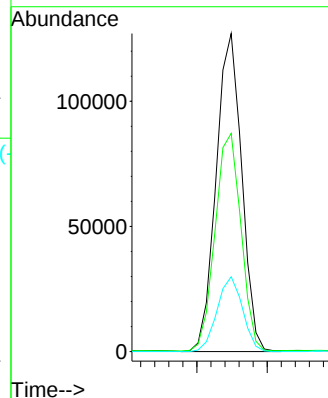
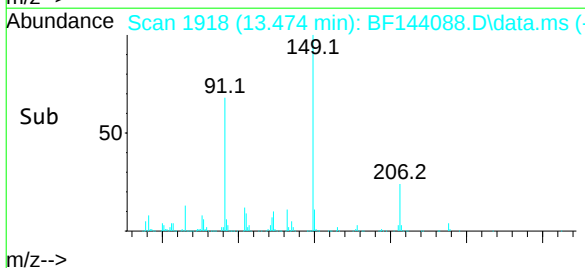
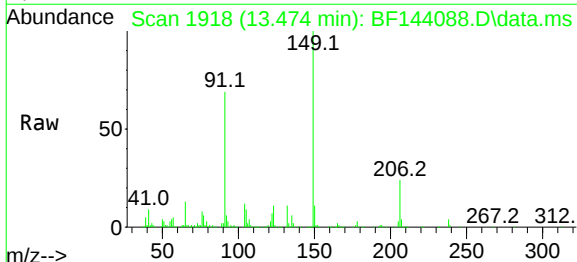
Manual Integrations
 APPROVED

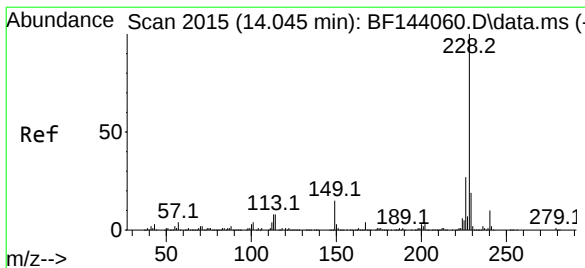
Reviewed By :Rahul Chavli 10/30/2025
 Supervised By :mohammad ahmed 10/30/2025



#80
 Butylbenzylphthalate
 Concen: 47.686 ng
 RT: 13.474 min Scan# 1918
 Delta R.T. 0.000 min
 Lab File: BF144088.D
 Acq: 27 Oct 2025 17:33

Tgt Ion:	149	Resp:	161270
Ion	Ratio	Lower	Upper
149	100		
91	68.6	56.6	84.8
206	23.5	18.3	27.5





#81

Benzo(a)anthracene

Concen: 48.671 ng

RT: 14.051 min Scan# 2015

Delta R.T. 0.006 min

Lab File: BF144088.D

Acq: 27 Oct 2025 17:33

Instrument :

BNA_F

ClientSampleId :

PR132-S07-000102-22510170MSD

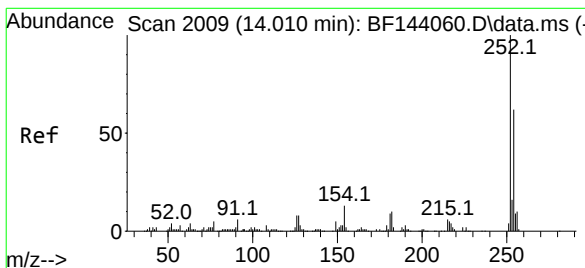
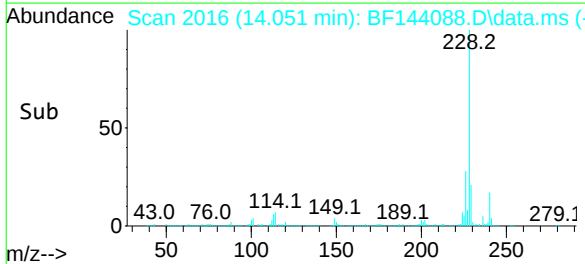
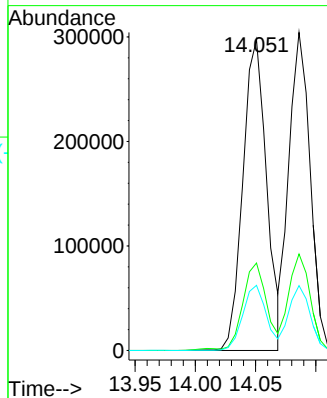
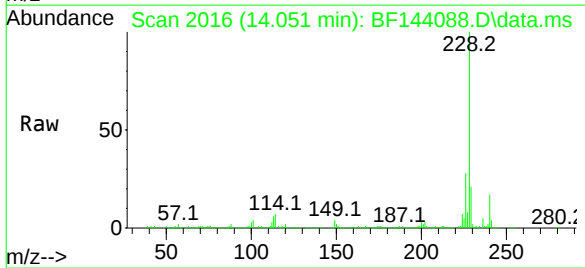
Tgt Ion:	228	Resp:	408989
Ion Ratio	Lower	Upper	
228	100		
226	28.1	21.4	32.2
229	20.9	15.3	22.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :mohammad ahmed 10/30/2025



#82

3,3'-Dichlorobenzidine

Concen: 52.743 ng

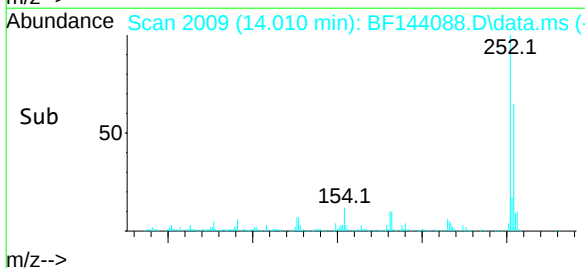
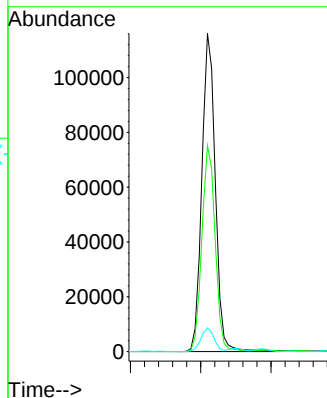
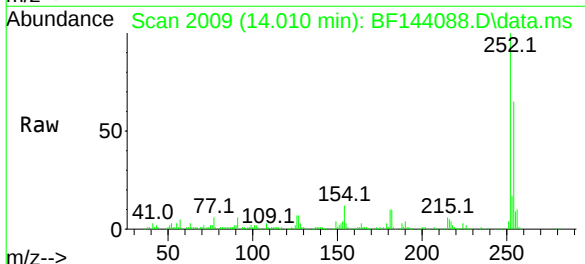
RT: 14.010 min Scan# 2009

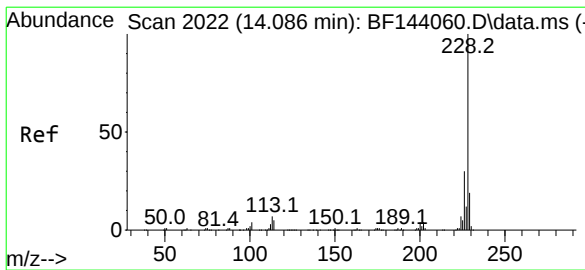
Delta R.T. 0.000 min

Lab File: BF144088.D

Acq: 27 Oct 2025 17:33

Tgt Ion:	252	Resp:	154281
Ion Ratio	Lower	Upper	
252	100		
254	64.8	49.9	74.9
126	7.5	6.5	9.7





#83

Chrysene

Concen: 47.261 ng

RT: 14.086 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF144088.D

Acq: 27 Oct 2025 17:33

Instrument :

BNA_F

ClientSampleId :

PR132-S07-000102-22510170MSD

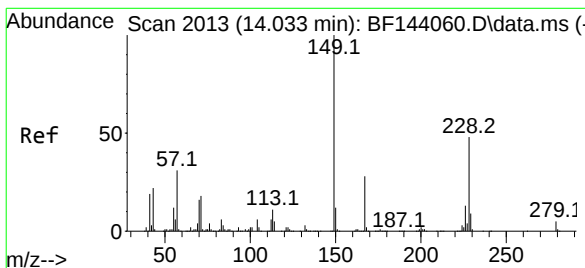
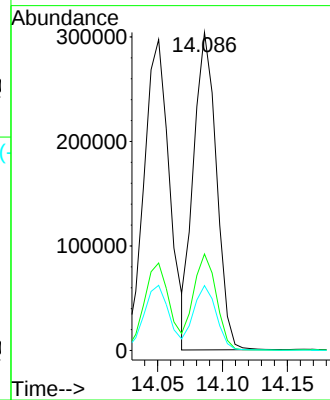
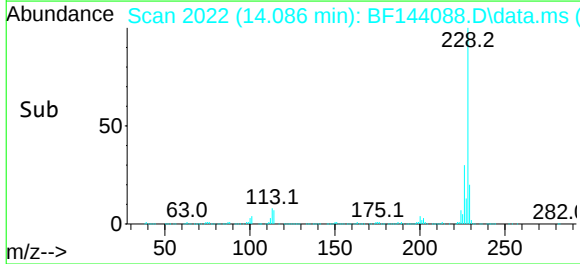
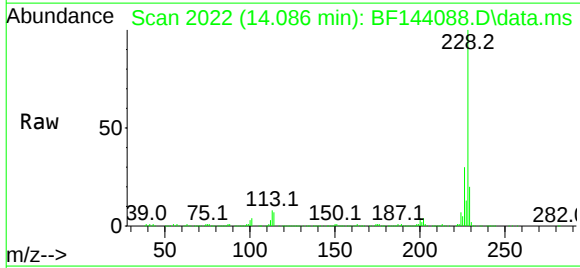
Tgt Ion:	228	Resp:	372676
Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.8	35.6
229	20.4	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :mohammad ahmed 10/30/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.344 ng

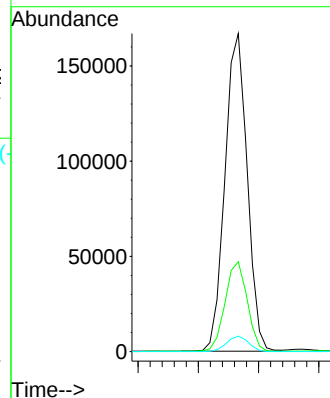
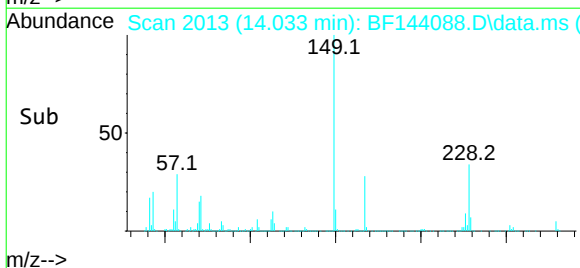
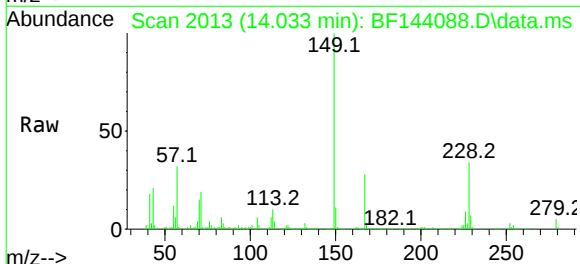
RT: 14.033 min Scan# 2013

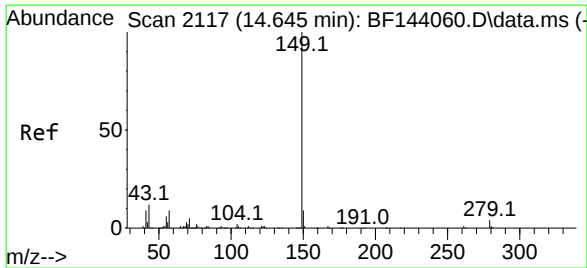
Delta R.T. 0.000 min

Lab File: BF144088.D

Acq: 27 Oct 2025 17:33

Tgt Ion:	149	Resp:	213964
Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.5	33.7
279	4.9	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 50.146 ng

RT: 14.645 min Scan# 2117

Delta R.T. 0.000 min

Lab File: BF144088.D

Acq: 27 Oct 2025 17:33

Instrument :

BNA_F

ClientSampleId :

PR132-S07-000102-22510170MSD

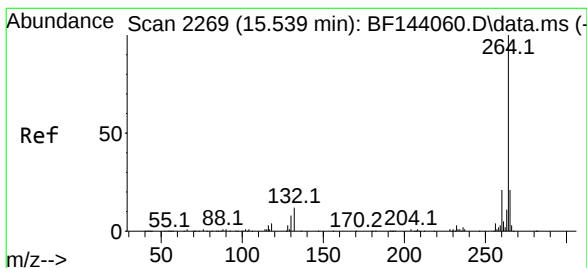
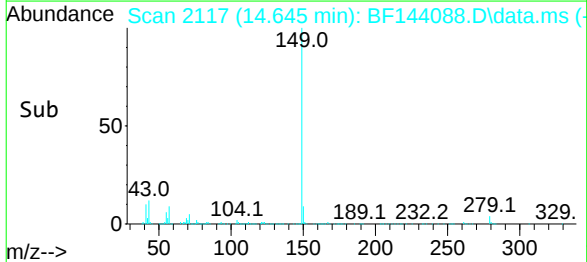
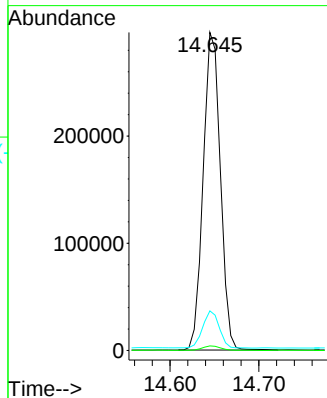
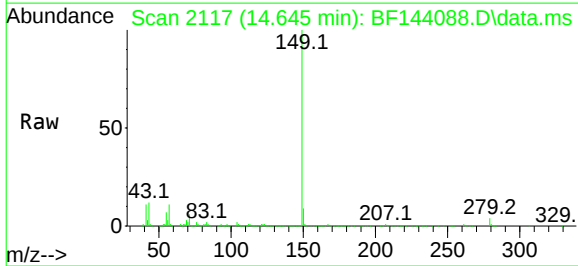
Tgt Ion:	149	Resp:	398147
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.2	1.8
43	11.3	9.3	13.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :mohammad ahmed 10/30/2025



#86

Perylene-d12

Concen: 20.000 ng

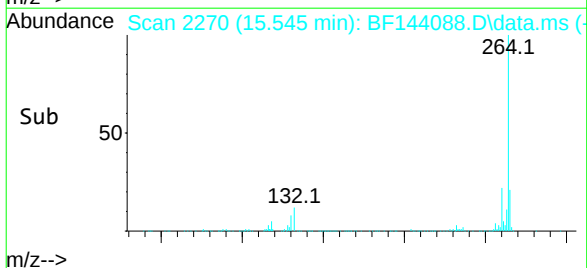
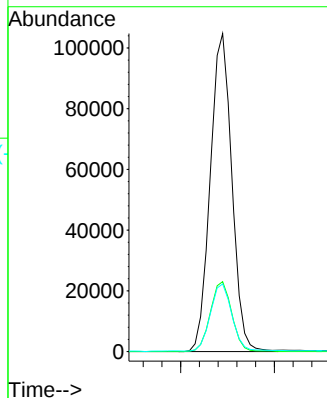
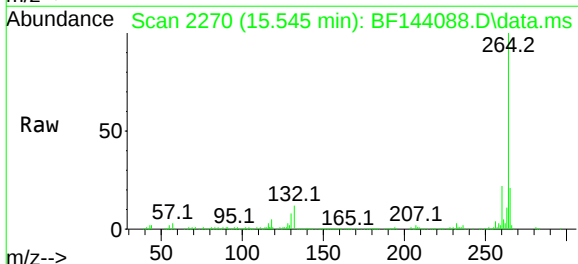
RT: 15.545 min Scan# 2270

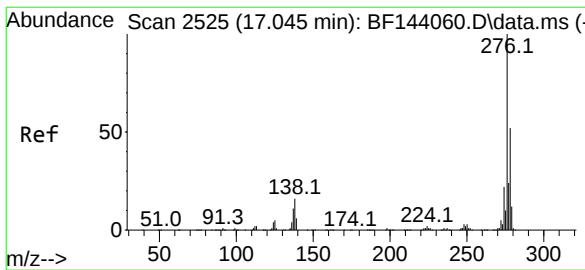
Delta R.T. 0.006 min

Lab File: BF144088.D

Acq: 27 Oct 2025 17:33

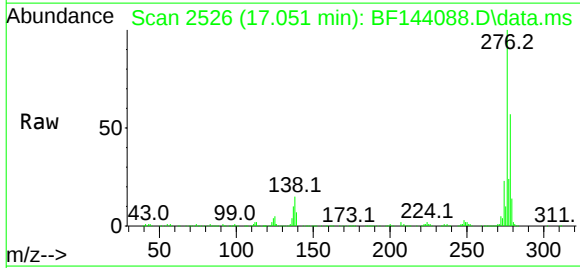
Tgt Ion:	264	Resp:	167596
Ion Ratio	Lower	Upper	
264	100		
260	22.0	17.0	25.4
265	21.3	16.6	24.8





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 38.611 ng
 RT: 17.051 min Scan# 2525
 Delta R.T. 0.006 min
 Lab File: BF144088.D
 Acq: 27 Oct 2025 17:33

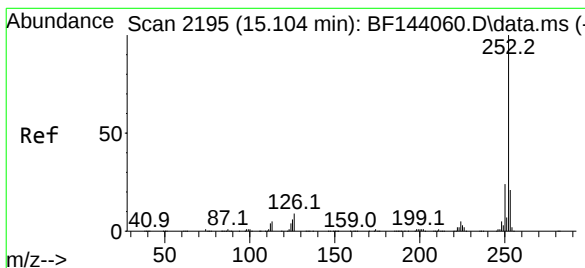
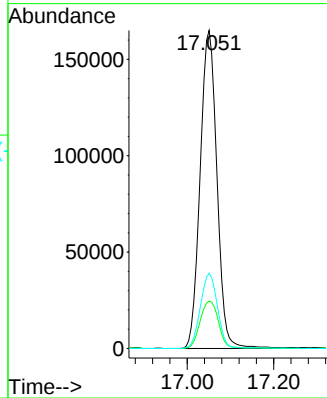
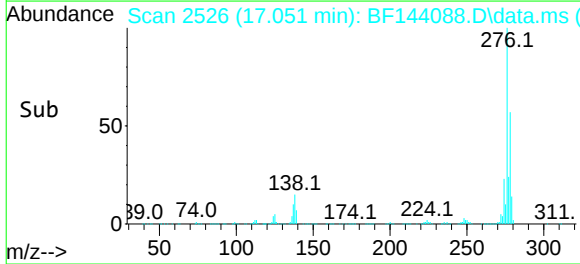
Instrument : BNA_F
 ClientSampleId : PR132-S07-000102-22510170MSD



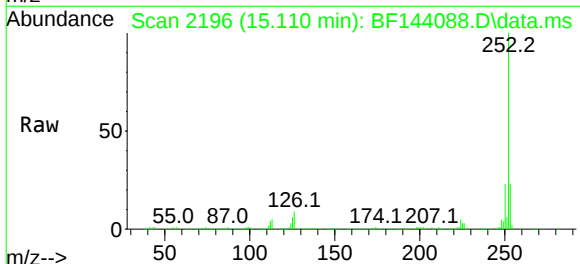
Tgt Ion:	276	Resp:	444275
Ion Ratio	Lower	Upper	
276	100		
138	16.3	13.0	19.6
277	24.2	19.4	29.0

Manual Integrations
 APPROVED

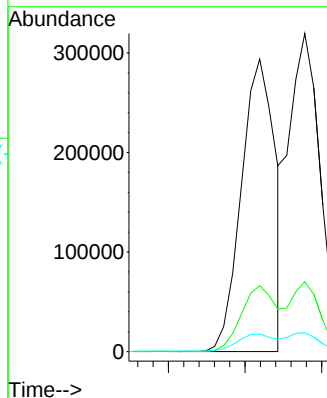
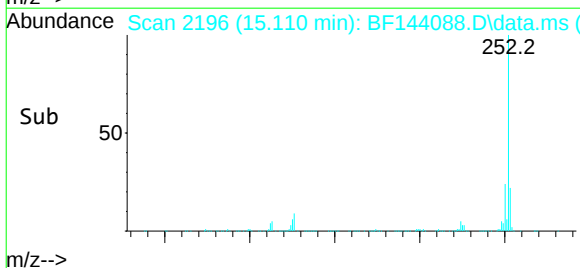
Reviewed By :Rahul Chavli 10/30/2025
 Supervised By :mohammad ahmed 10/30/2025

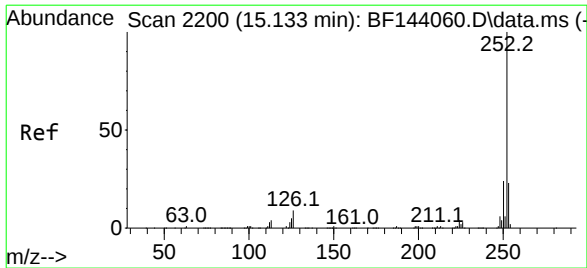


#88
 Benzo(b)fluoranthene
 Concen: 47.276 ng
 RT: 15.110 min Scan# 2196
 Delta R.T. 0.006 min
 Lab File: BF144088.D
 Acq: 27 Oct 2025 17:33



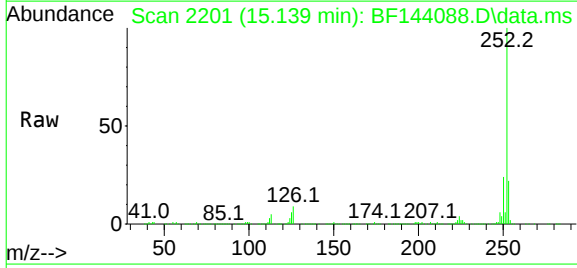
Tgt Ion:	252	Resp:	447930
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.2	25.8
125	6.0	5.0	7.6





#89
Benzo(k)fluoranthene
Concen: 51.289 ng
RT: 15.139 min Scan# 2200
Delta R.T. 0.006 min
Lab File: BF144088.D
Acq: 27 Oct 2025 17:33

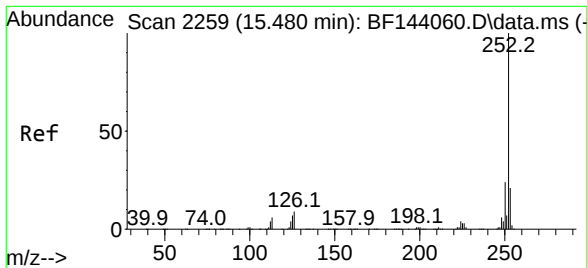
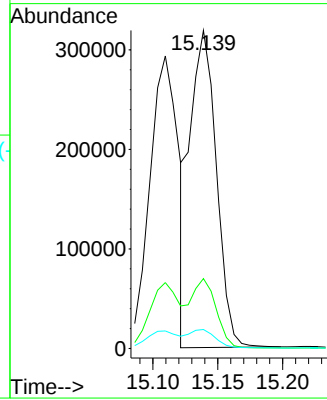
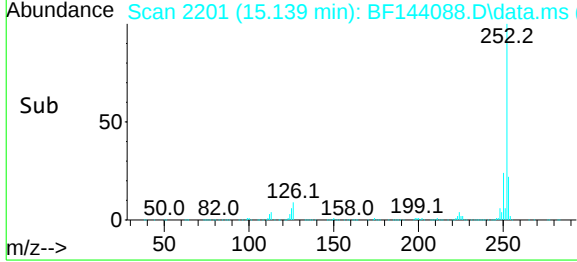
Instrument : BNA_F
ClientSampleId : PR132-S07-000102-22510170MSD



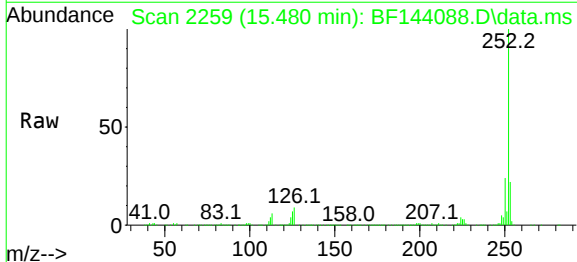
Tgt Ion:252 Resp: 448355
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 6.0 4.9 7.3

Manual Integrations
APPROVED

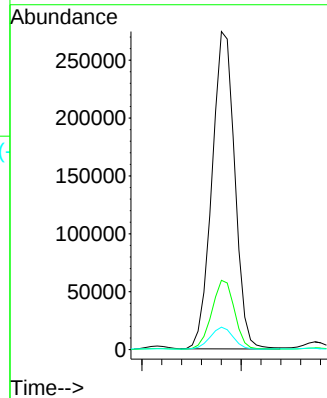
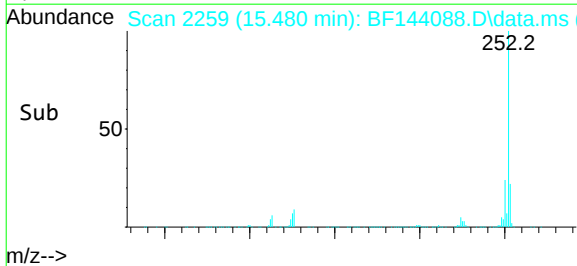
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :mohammad ahmed 10/30/2025

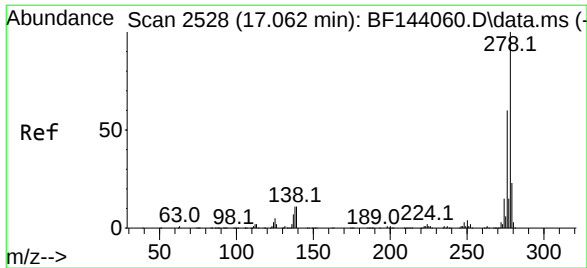


#90
Benzo(a)pyrene
Concen: 51.609 ng
RT: 15.480 min Scan# 2259
Delta R.T. 0.000 min
Lab File: BF144088.D
Acq: 27 Oct 2025 17:33



Tgt Ion:252 Resp: 438682
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 7.1 5.4 8.2





#91

Dibenzo(a,h)anthracene

Concen: 39.319 ng

RT: 17.068 min Scan# 2528

Delta R.T. 0.006 min

Lab File: BF144088.D

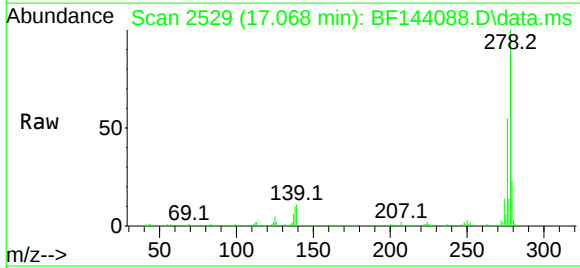
Acq: 27 Oct 2025 17:33

Instrument :

BNA_F

ClientSampleId :

PR132-S07-000102-22510170MSD



Tgt Ion:278 Resp: 358124

Ion Ratio Lower Upper

278 100

139 11.0 8.5 12.7

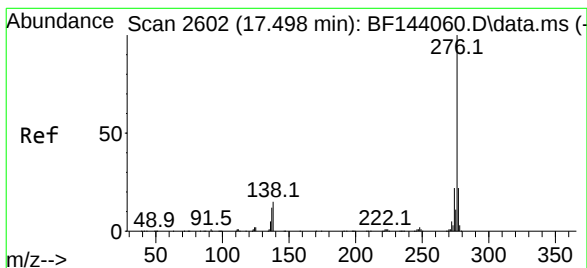
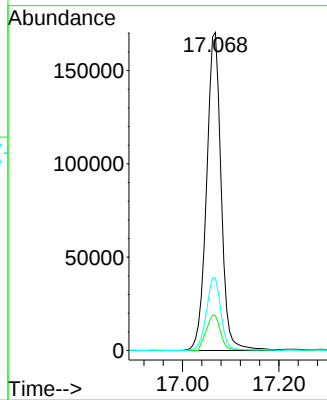
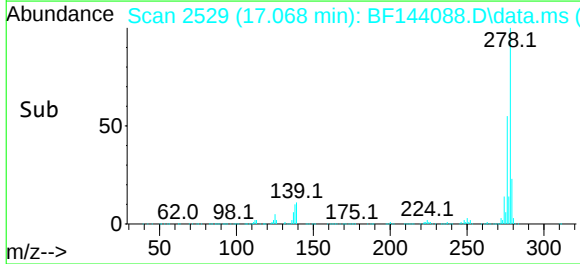
279 22.8 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :mohammad ahmed 10/30/2025



#92

Benzo(g,h,i)perylene

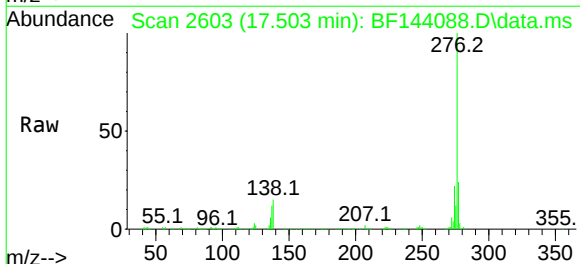
Concen: 34.893 ng

RT: 17.503 min Scan# 2603

Delta R.T. 0.006 min

Lab File: BF144088.D

Acq: 27 Oct 2025 17:33



Tgt Ion:276 Resp: 319522

Ion Ratio Lower Upper

276 100

277 24.3 17.9 26.9

138 15.0 12.0 18.0

