

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112525\
 Data File : BF144353.D
 Acq On : 25 Nov 2025 16:45
 Operator : RC/JU
 Sample : Q3700-05MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WWMS

Quant Time: Nov 25 17:19:01 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/26/2025
 Supervised By :mohammad ahmed 11/27/2025

11/26/2025
 Supervised By :mohammad
 ahmed

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	53861	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	190607	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	99198	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	155991	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	130434	20.000	ng	0.00
86) Perylene-d12	15.521	264	172449	20.000	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	194442	56.493	ng	0.00
7) Phenol-d6	6.498	99	159367	40.864	ng	0.00
23) Nitrobenzene-d5	7.428	82	277154	83.979	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	87431	70.236	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	532251	79.245	ng	0.00
79) Terphenyl-d14	12.980	244	558112	67.966	ng	-0.01

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.646	88	35385	24.867	ng	98
3) Pyridine	3.440	79	76663	19.311	ng	99
4) n-Nitrosodimethylamine	3.352	42	48849	23.557	ng	87
6) Aniline	6.522	93	83223	14.978	ng	# 79
8) 2-Chlorophenol	6.651	128	116427	34.493	ng	98
9) Benzaldehyde	6.416	77	40147	18.230	ng	93
10) Phenol	6.510	94	98748	20.724	ng	99
11) bis(2-Chloroethyl)ether	6.592	93	129991	37.440	ng	98
12) 1,3-Dichlorobenzene	6.804	146	132881	31.903	ng	96
13) 1,4-Dichlorobenzene	6.881	146	132665	31.793	ng	99
14) 1,2-Dichlorobenzene	7.034	146	132828	33.210	ng	98
15) Benzyl Alcohol	7.010	79	99046	32.074	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.134	45	243783	38.128	ng	91
17) 2-Methylphenol	7.122	107	88729	33.043	ng	98
18) Hexachloroethane	7.369	117	42423	30.601	ng	95
19) n-Nitroso-di-n-propyla...	7.269	70	105824	41.219	ng	99
20) 3+4-Methylphenols	7.275	107	95847	30.279	ng	# 86
22) Acetophenone	7.269	105	169294	41.403	ng	97
24) Nitrobenzene	7.445	77	141812	39.576	ng	97
25) Isophorone	7.681	82	254373	40.749	ng	100
26) 2-Nitrophenol	7.763	139	74904	42.228	ng	94
27) 2,4-Dimethylphenol	7.798	122	108988	40.994	ng	97
28) bis(2-Chloroethoxy)met...	7.892	93	160427	41.154	ng	97
29) 2,4-Dichlorophenol	8.004	162	100562	32.818	ng	97
30) 1,2,4-Trichlorobenzene	8.086	180	95042	30.205	ng	98
31) Naphthalene	8.169	128	345459	38.101	ng	100
32) Benzoic acid	8.110	122	80415	41.263	ng	91
33) 4-Chloroaniline	8.222	127	22650	6.849	ng	99
34) Hexachlorobutadiene	8.281	225	79691	33.605	ng	99
35) Caprolactam	8.663	113	16274m	19.385	ng	
36) 4-Chloro-3-methylphenol	8.698	107	91325	33.255	ng	98
37) 2-Methylnaphthalene	8.857	142	215704	35.582	ng	100
38) 1-Methylnaphthalene	8.957	142	219134	37.463	ng	99
40) 1,2,4,5-Tetrachloroben...	9.022	216	131015	40.299	ng	99
41) Hexachlorocyclopentadiene	9.010	237	49582	47.285	ng	99
43) 2,4,6-Trichlorophenol	9.139	196	75070	33.927	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	9.186	196	90124	37.791	ng	98	
46) 1,1'-Biphenyl	9.322	154	285814	41.277	ng	98	
47) 2-Chloronaphthalene	9.345	162	239366	40.526	ng	99	
48) 2-Nitroaniline	9.445	65	71833	42.150	ng	97	
49) Acenaphthylene	9.763	152	375819	46.691	ng	99	
50) Dimethylphthalate	9.622	163	272662	41.491	ng	100	
51) 2,6-Dinitrotoluene	9.686	165	58178	43.732	ng	95	
52) Acenaphthene	9.933	154	198999	36.972	ng	99	
53) 3-Nitroaniline	9.857	138	19864	13.659	ng	99	
54) 2,4-Dinitrophenol	9.975	184	63964	79.625	ng	90	
55) Dibenzofuran	10.110	168	283777	37.644	ng	99	
56) 4-Nitrophenol	10.033	139	39630	37.673	ng	97	
57) 2,4-Dinitrotoluene	10.092	165	74835	42.021	ng	#	95
58) Fluorene	10.457	166	229009	39.956	ng	100	
59) 2,3,4,6-Tetrachlorophenol	10.233	232	44324	26.270	ng	#	93
60) Diethylphthalate	10.328	149	238633	39.391	ng	99	
61) 4-Chlorophenyl-phenyle...	10.445	204	123983	37.976	ng	98	
62) 4-Nitroaniline	10.475	138	37171	26.840	ng	96	
63) Azobenzene	10.604	77	240425	42.643	ng	96	
65) 4,6-Dinitro-2-methylph...	10.510	198	41431	39.097	ng	93	
66) n-Nitrosodiphenylamine	10.563	169	223535	44.555	ng	98	
67) 4-Bromophenyl-phenylether	10.933	248	79142	39.748	ng	95	
68) Hexachlorobenzene	11.004	284	97105	41.405	ng	95	
69) Atrazine	11.104	200	15114	9.473	ng	92	
70) Pentachlorophenol	11.210	266	105053	89.955	ng	98	
71) Phenanthrene	11.422	178	329105	42.375	ng	100	
72) Anthracene	11.475	178	341408	43.231	ng	100	
73) Carbazole	11.627	167	287923	42.875	ng	99	
74) Di-n-butylphthalate	11.951	149	232800	28.677	ng	100	
75) Fluoranthene	12.610	202	327220	40.786	ng	99	
77) Benzidine	12.739	184	59222	15.350	ng	#	1
78) Pyrene	12.845	202	360652	34.293	ng	99	
80) Butylbenzylphthalate	13.457	149	152695	41.892	ng	97	
81) Benzo(a)anthracene	14.033	228	382904	42.356	ng	99	
82) 3,3'-Dichlorobenzidine	13.992	252	58160	18.769	ng	#	94
83) Chrysene	14.068	228	351228	42.088	ng	97	
84) Bis(2-ethylhexyl)phtha...	14.010	149	224203	44.933	ng	98	
85) Di-n-octyl phthalate	14.627	149	404704	47.009	ng	97	
87) Indeno(1,2,3-cd)pyrene	17.027	276	501862	40.541	ng	98	
88) Benzo(b)fluoranthene	15.092	252	424646	43.313	ng	100	
89) Benzo(k)fluoranthene	15.115	252	375509	40.920	ng	99	
90) Benzo(a)pyrene	15.463	252	379258	41.932	ng	97	
91) Dibenzo(a,h)anthracene	17.039	278	399195	40.154	ng	98	
92) Benzo(g,h,i)perylene	17.480	276	413399	42.108	ng	99	

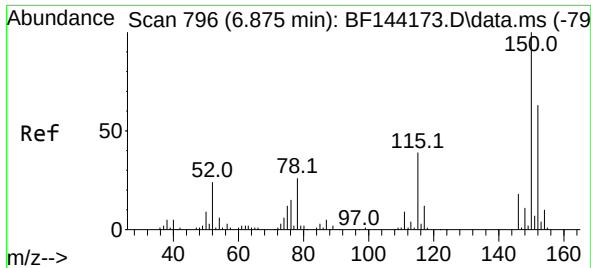
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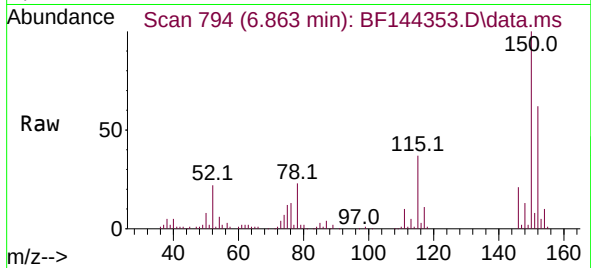
11/27/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Instrument :
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ClientSampleId :
EFF-WWMS



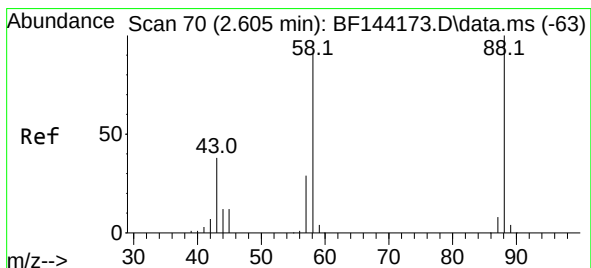
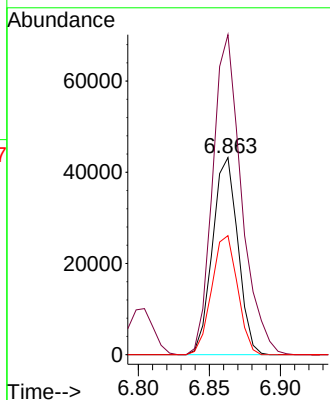
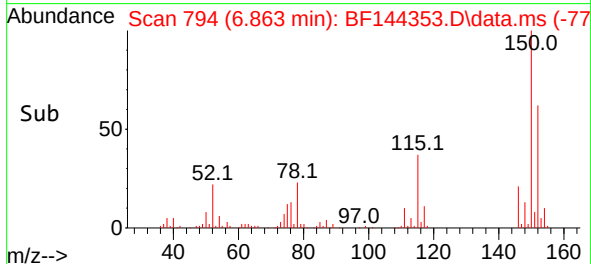
Tgt Ion:152 Resp: 5386
Ion Ratio Lower Upper
152 100
150 162.4 127.4 191.0
115 60.3 49.5 74.3

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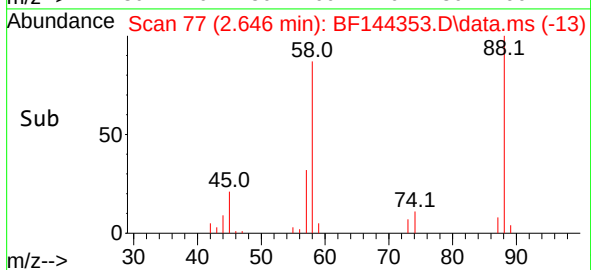
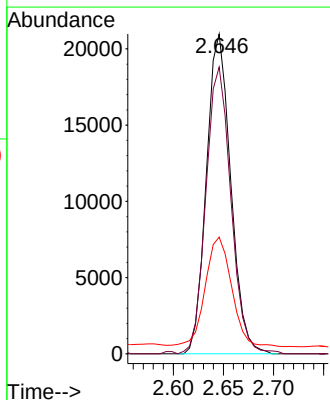
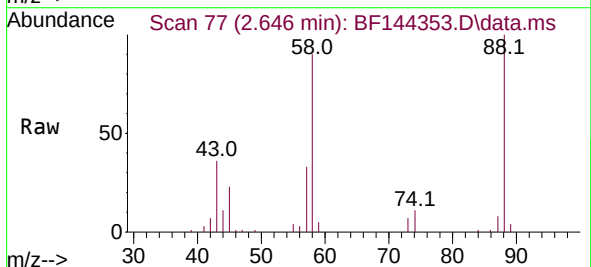
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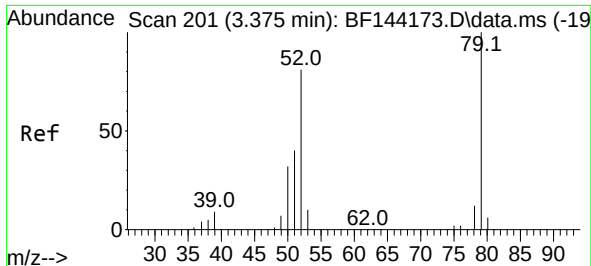
11/27/2025



#2
1,4-Dioxane
Concen: 24.867 ng
RT: 2.646 min Scan# 77
Delta R.T. 0.029 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

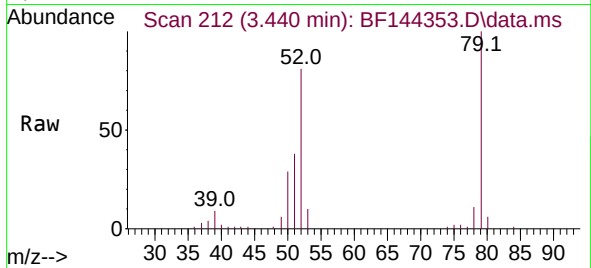
Tgt Ion: 88 Resp: 35385
Ion Ratio Lower Upper
88 100
58 92.7 73.1 109.7
43 37.4 31.0 46.6





#3
Pyridine
Concen: 19.311 ng
RT: 3.440 min Scan# 21
Delta R.T. 0.029 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Instrument :
BNA_F
ClientSampleId :
EFF-WWMS



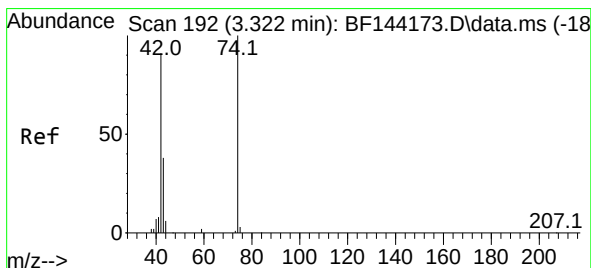
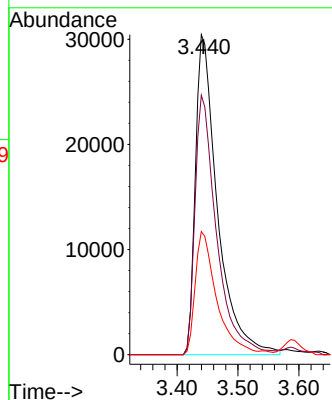
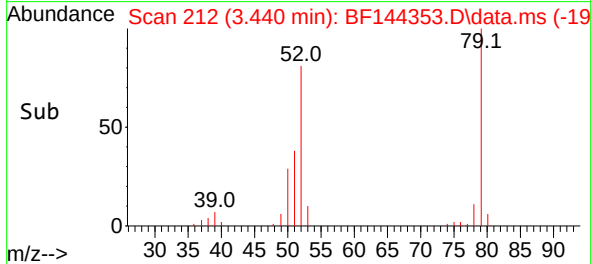
Tgt Ion: 79 Resp: 7666
Ion Ratio Lower Upper
79 100
52 81.1 64.5 96.7
51 38.4 31.7 47.5

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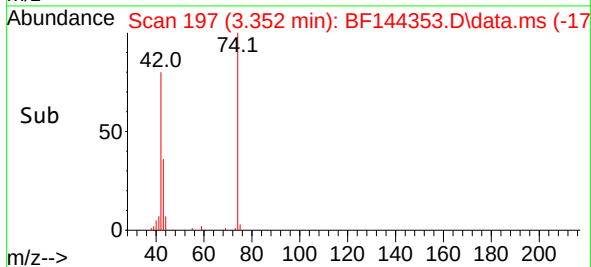
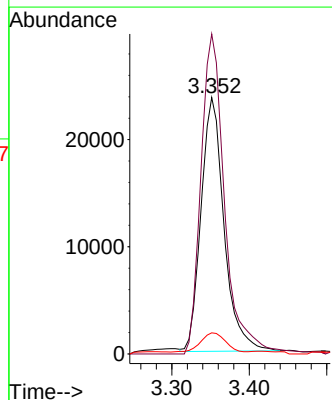
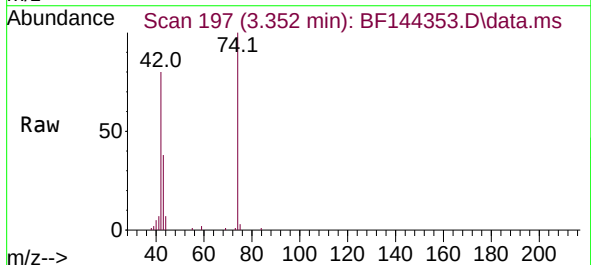
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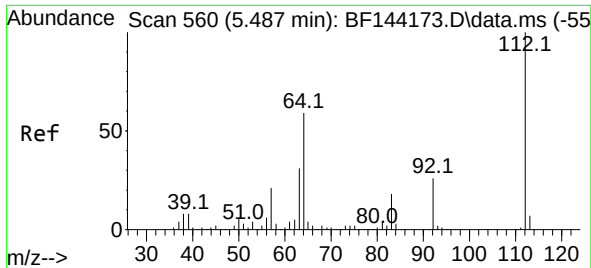
11/27/2025



#4
n-Nitrosodimethylamine
Concen: 23.557 ng
RT: 3.352 min Scan# 197
Delta R.T. 0.006 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Tgt Ion: 42 Resp: 48849
Ion Ratio Lower Upper
42 100
74 124.8 88.2 132.4
44 8.2 5.7 8.5





#5
2-Fluorophenol
Concen: 56.493 ng
RT: 5.498 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Instrument :
BNA_F
ClientSampleId :
EFF-WWMS

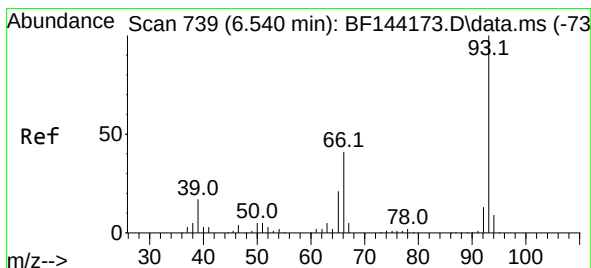
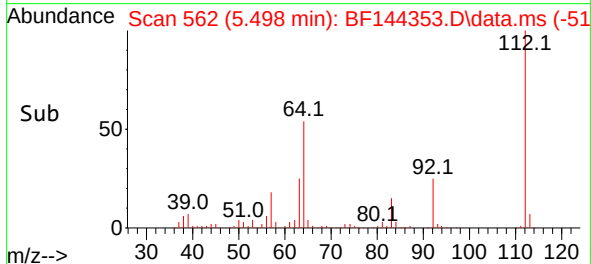
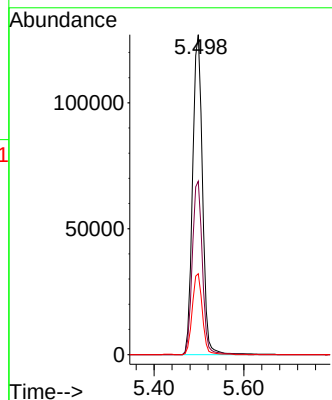
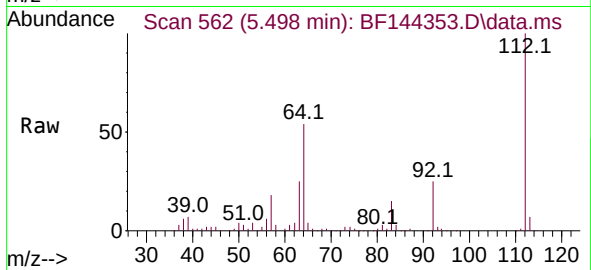
Tgt Ion: 112 Resp: 194442
Ion Ratio Lower Upper
112 100
64 54.2 47.2 70.8
63 25.3 24.4 36.6

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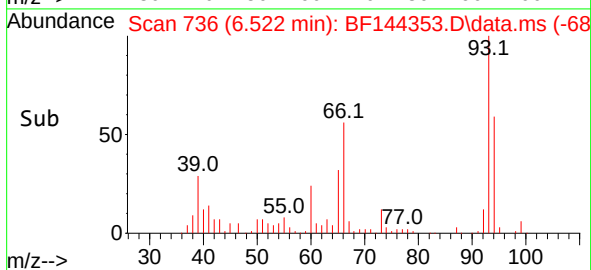
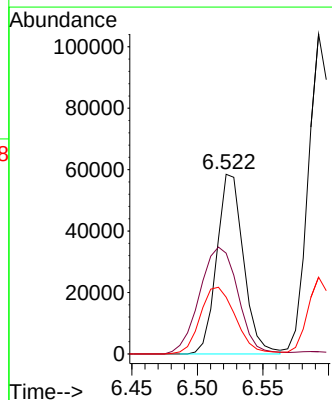
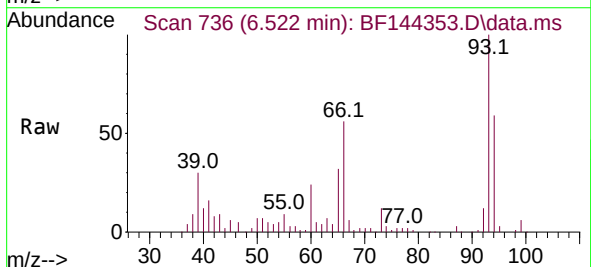
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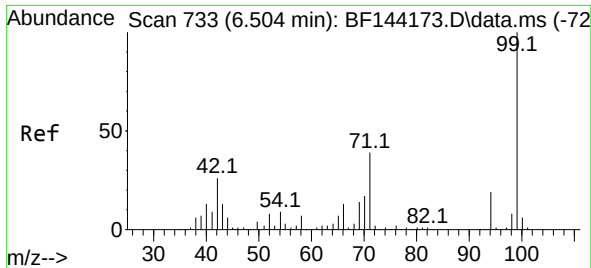
11/27/2025



#6
Aniline
Concen: 14.978 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.012 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Tgt Ion: 93 Resp: 83223
Ion Ratio Lower Upper
93 100
66 56.1 34.3 51.5#
65 31.6 16.9 25.3#





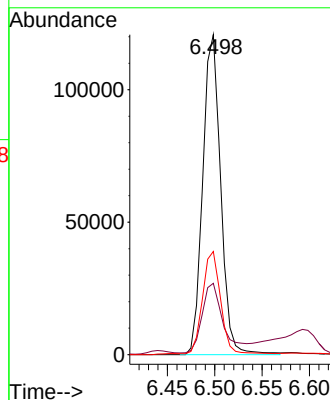
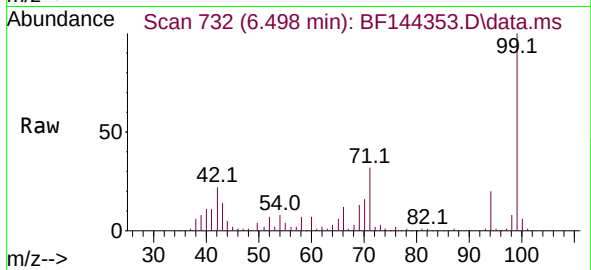
#7
Phenol-d6
Concen: 40.864 ng
RT: 6.498 min Scan# 731
Delta R.T. -0.000 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Instrument :
BNA_F
ClientSampleId :
EFF-WWMS

Tgt Ion: 99 Resp: 15936
Ion Ratio Lower Upper
99 100
42 22.3 20.9 31.3
71 32.2 31.4 47.2

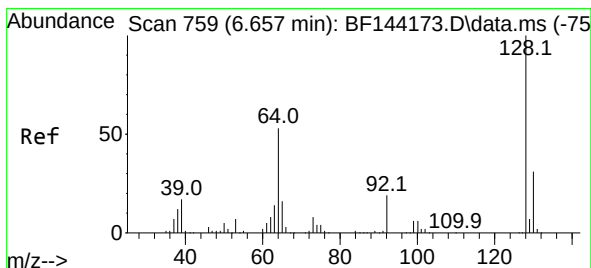
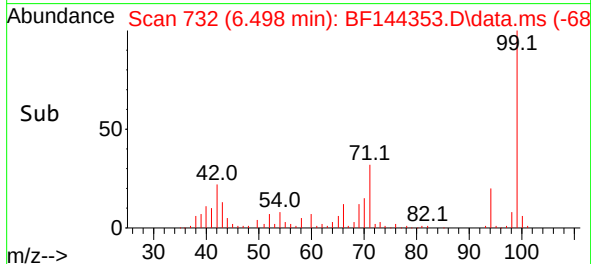
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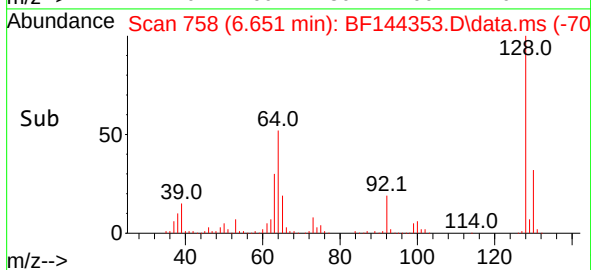
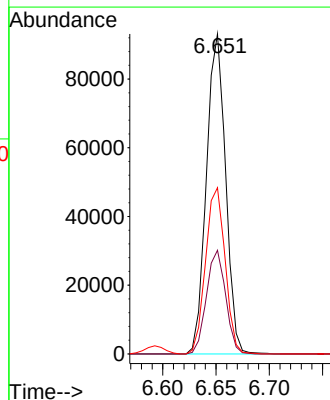
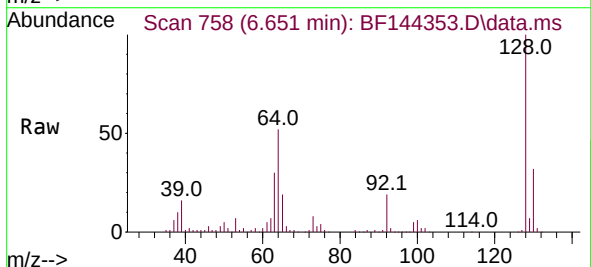
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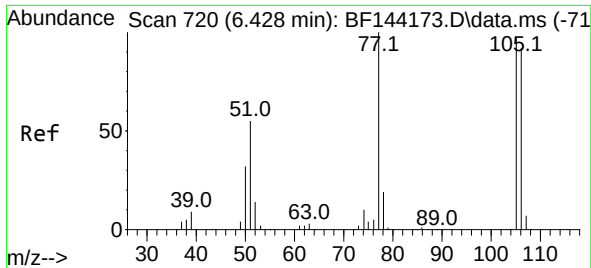
11/27/2025



#8
2-Chlorophenol
Concen: 34.493 ng
RT: 6.651 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Tgt Ion:128 Resp: 116427
Ion Ratio Lower Upper
128 100
130 32.4 10.5 50.5
64 51.9 33.2 73.2





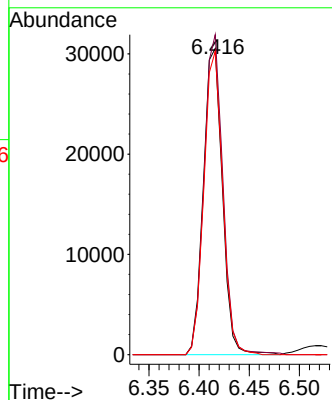
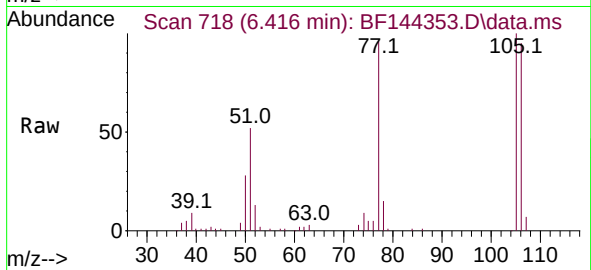
#9
Benzaldehyde
Concen: 18.230 ng
RT: 6.416 min Scan# 718
Delta R.T. -0.012 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Instrument :
BNA_F
ClientSampleId :
EFF-WWMS

Tgt Ion: 77 Resp: 4014
Ion Ratio Lower Upper
77 100
105 104.5 77.2 117.2
106 99.1 72.2 112.2

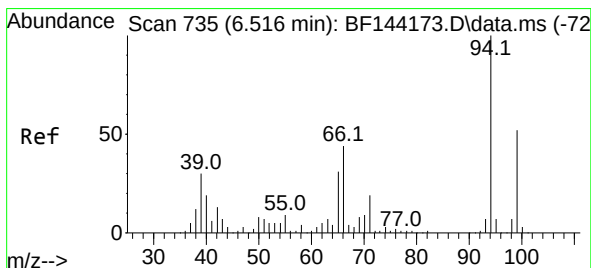
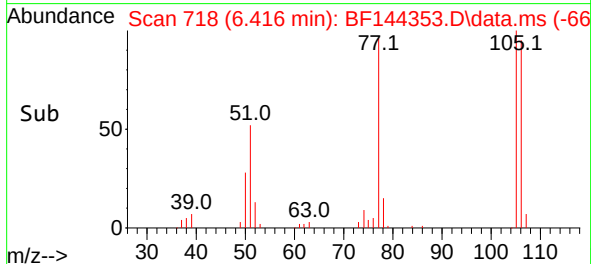
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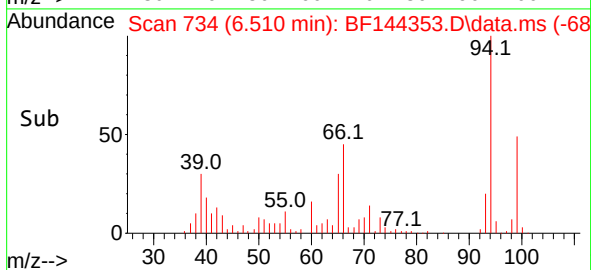
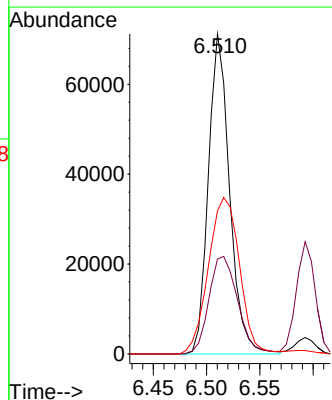
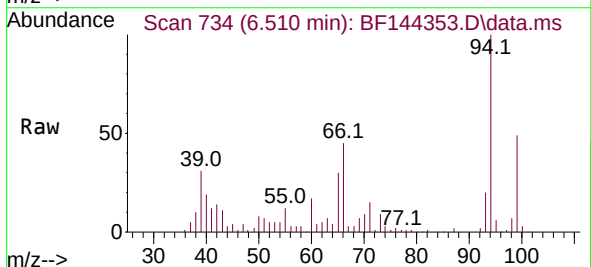
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ahmed

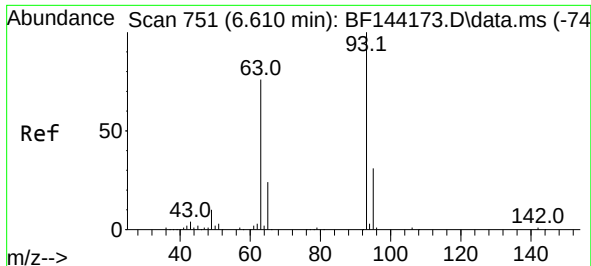
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#10
Phenol
Concen: 20.724 ng
RT: 6.510 min Scan# 734
Delta R.T. -0.000 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Tgt Ion: 94 Resp: 98748
Ion Ratio Lower Upper
94 100
65 29.6 10.8 50.8
66 44.7 24.3 64.3





#11

bis(2-Chloroethyl)ether

Concen: 37.440 ng

RT: 6.592 min Scan# 74

Delta R.T. -0.012 min

Lab File: BF144353.D

Acq: 25 Nov 2025 16:45

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS

Tgt Ion: 93	Resp: 12999
Ion Ratio	Lower Upper
93 100	
63 77.4	55.2 95.2
95 31.3	11.2 51.2

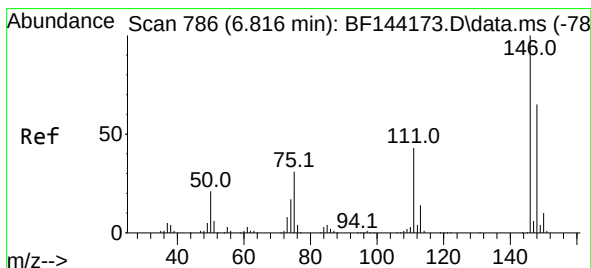
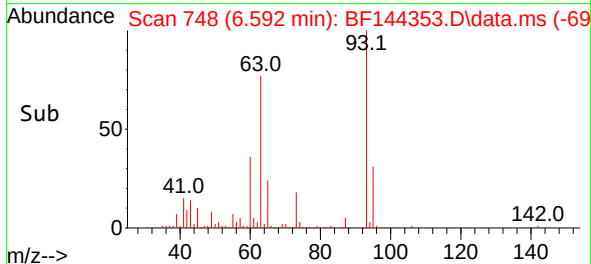
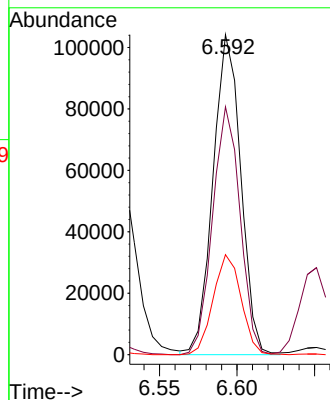
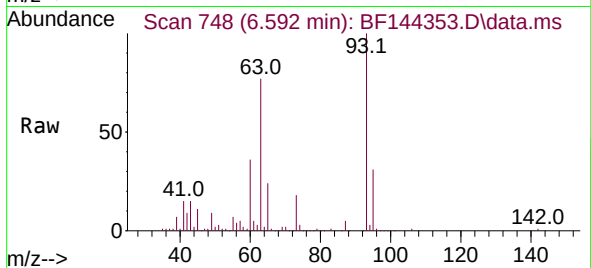
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ahmed

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#12

1,3-Dichlorobenzene

Concen: 31.903 ng

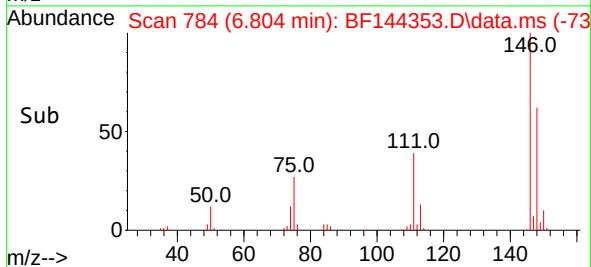
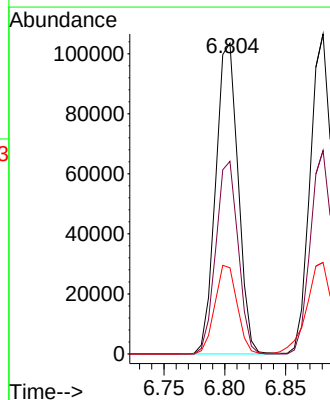
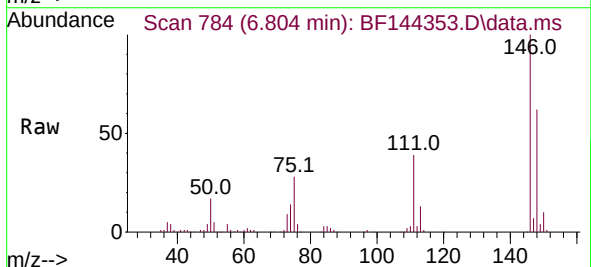
RT: 6.804 min Scan# 784

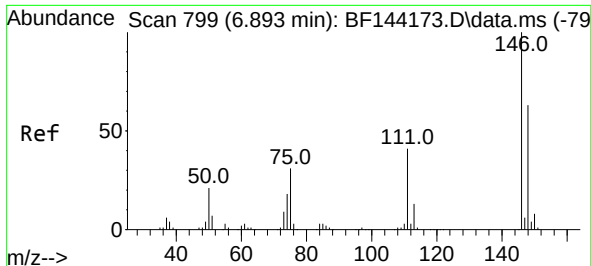
Delta R.T. -0.012 min

Lab File: BF144353.D

Acq: 25 Nov 2025 16:45

Tgt Ion:146	Resp: 132881
Ion Ratio	Lower Upper
146 100	
148 62.0	51.8 77.8
75 27.7	25.0 37.4





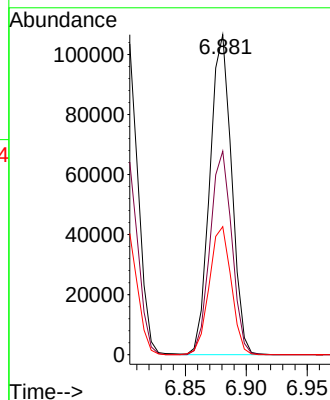
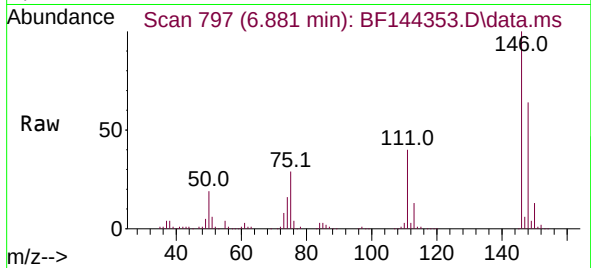
#13
1,4-Dichlorobenzene
Concen: 31.793 ng
RT: 6.881 min Scan# 799
Delta R.T. -0.012 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Instrument :
BNA_F
ClientSampleId :
EFF-WWMS

Tgt Ion:146 Resp: 132665
Ion Ratio Lower Upper
146 100
148 63.6 50.2 75.2
111 40.0 32.6 48.8

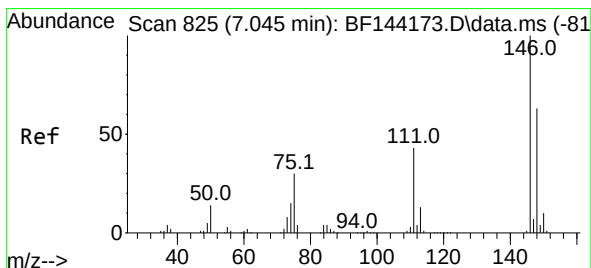
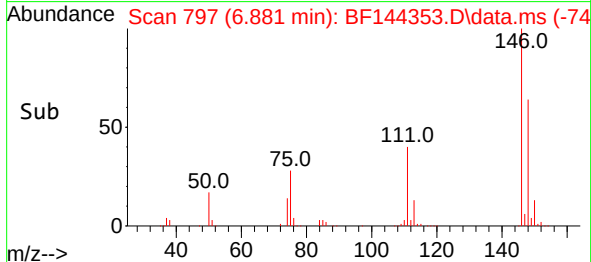
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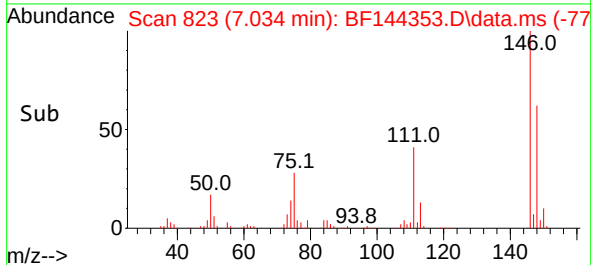
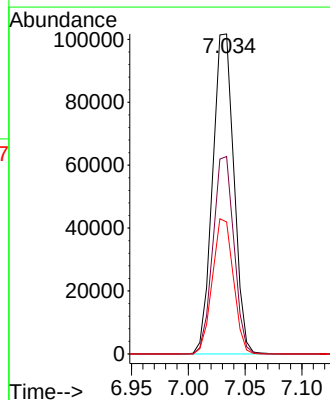
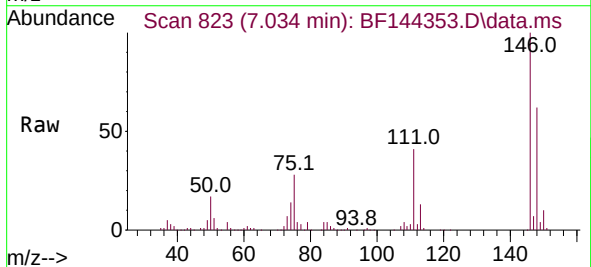
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Supervised By :mohammad
ahmed

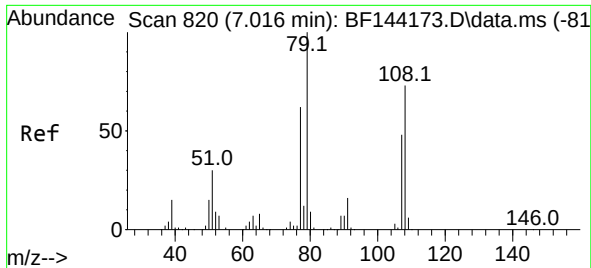
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#14
1,2-Dichlorobenzene
Concen: 33.210 ng
RT: 7.034 min Scan# 823
Delta R.T. -0.012 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Tgt Ion:146 Resp: 132828
Ion Ratio Lower Upper
146 100
148 61.7 50.7 76.1
111 41.3 34.2 51.4





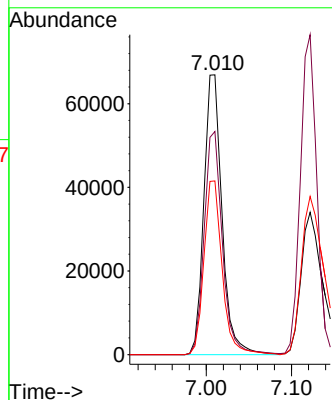
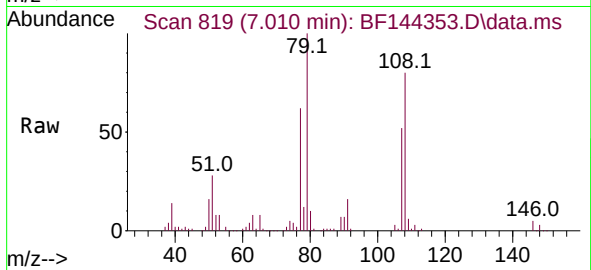
#15
Benzyl Alcohol
Concen: 32.074 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Instrument :
BNA_F
ClientSampleId :
EFF-WWMS

Tgt Ion: 79 Resp: 99046
Ion Ratio Lower Upper
79 100
108 79.8 58.2 87.4
77 62.1 49.9 74.9

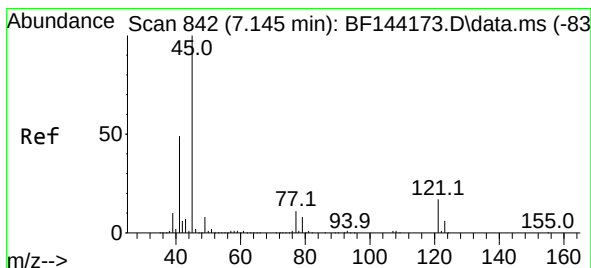
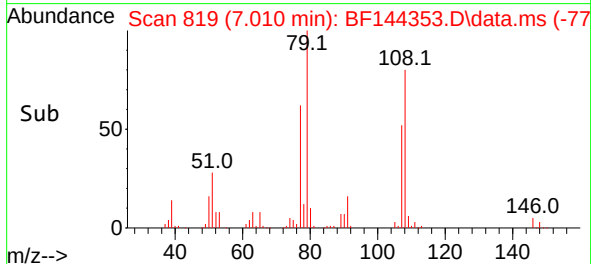
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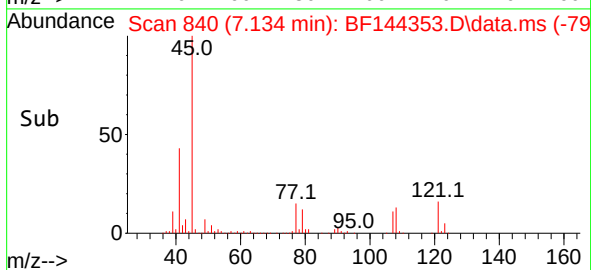
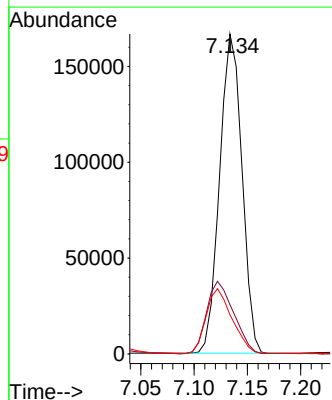
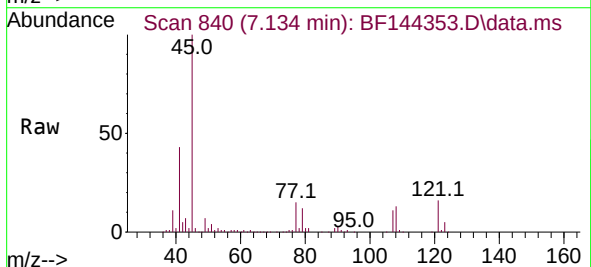
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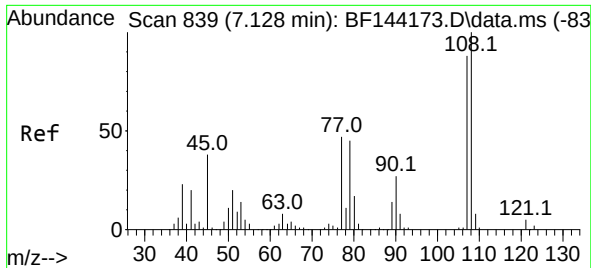
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.128 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Tgt Ion: 45 Resp: 243783
Ion Ratio Lower Upper
45 100
77 15.4 0.0 31.8
79 12.2 0.0 29.1





#17
2-Methylphenol
Concen: 33.043 ng
RT: 7.122 min Scan# 839
Delta R.T. -0.000 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS

Tgt Ion:107 Resp: 88729
Ion Ratio Lower Upper
107 100
108 115.4 91.0 136.4
77 57.1 42.7 64.1
79 51.3 41.4 62.2

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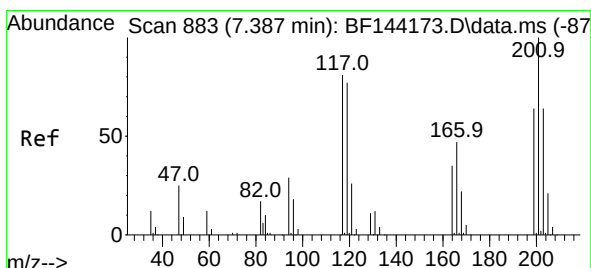
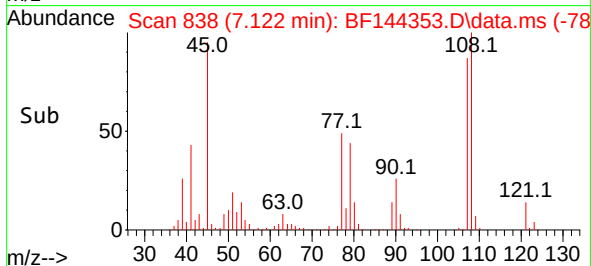
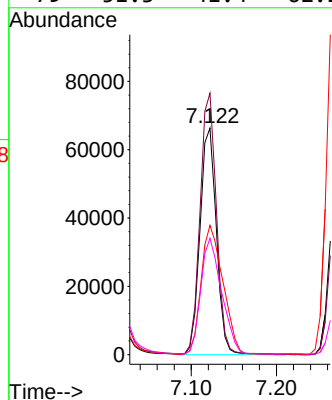
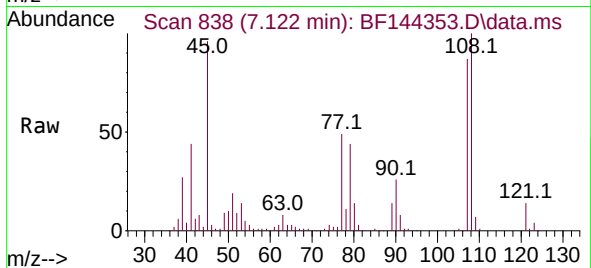
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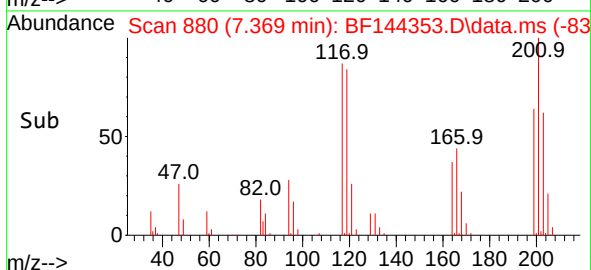
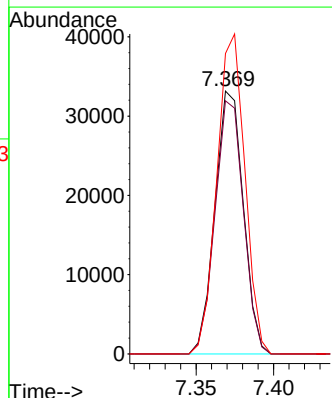
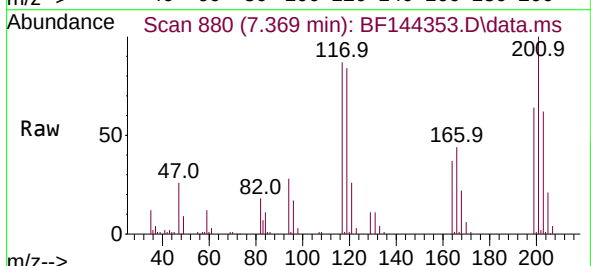
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ahmed

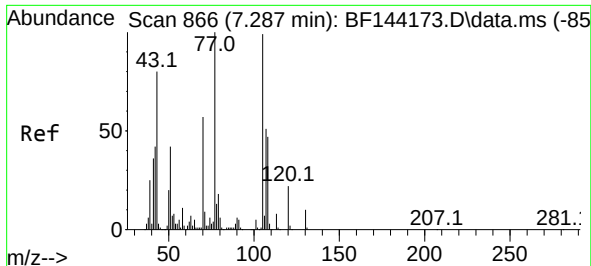
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#18
Hexachloroethane
Concen: 30.601 ng
RT: 7.369 min Scan# 880
Delta R.T. -0.018 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

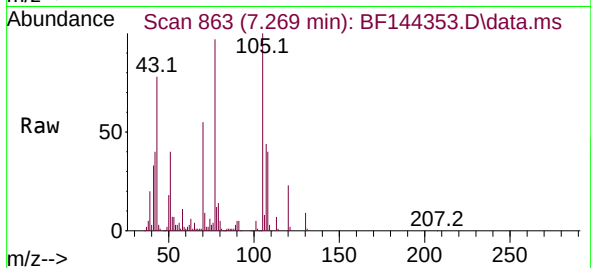
Tgt Ion:117 Resp: 42423
Ion Ratio Lower Upper
117 100
119 96.3 75.8 113.8
201 114.3 98.9 148.3





#19
n-Nitroso-di-n-propylamine
Concen: 41.219 ng
RT: 7.269 min Scan# 863
Delta R.T. -0.006 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Instrument :
BNA_F
ClientSampleId :
EFF-WWMS



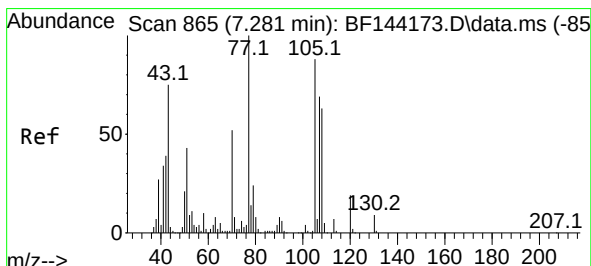
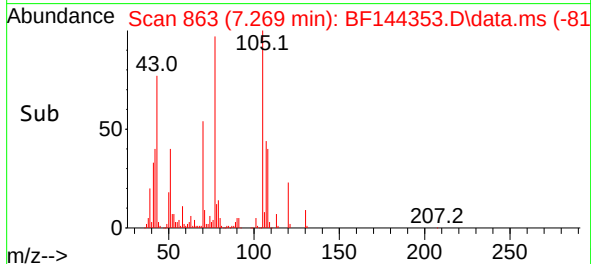
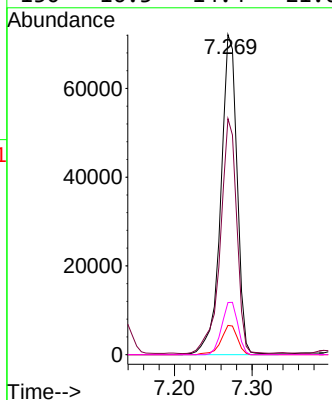
Tgt Ion: 70 Resp: 105824
Ion Ratio Lower Upper
70 100
42 73.7 58.3 87.5
101 9.1 7.0 10.6
130 16.3 14.4 21.6

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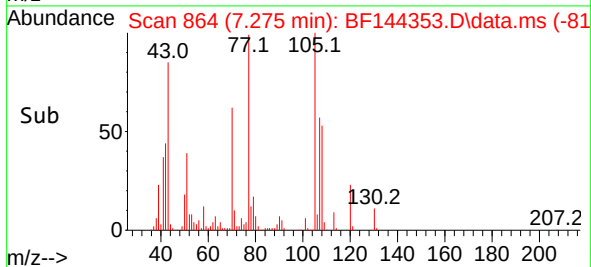
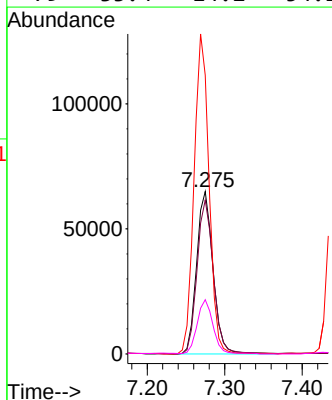
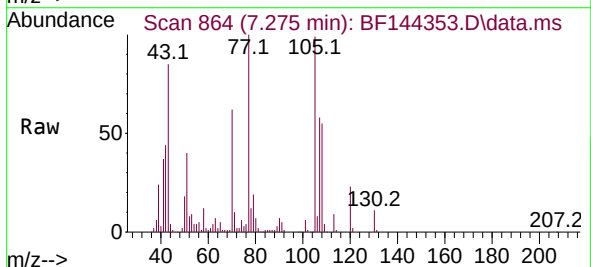
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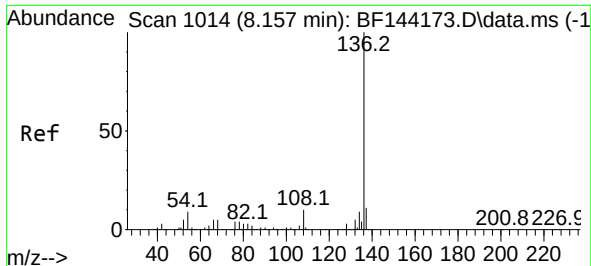
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#20
3+4-Methylphenols
Concen: 30.279 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

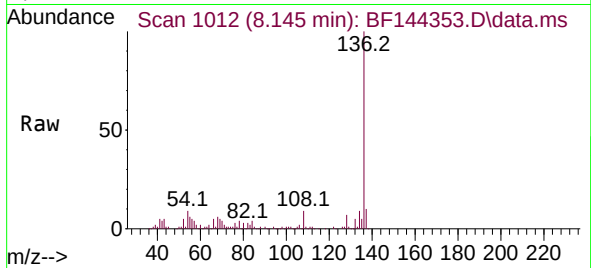
Tgt Ion:107 Resp: 95847
Ion Ratio Lower Upper
107 100
108 94.8 70.2 110.2
77 171.6 123.9 163.9#
79 33.4 14.2 54.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Instrument :
BNA_F
ClientSampleId :
EFF-WWMS



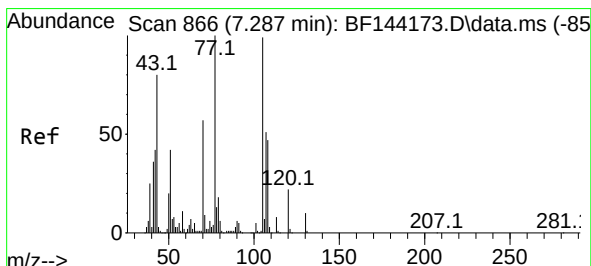
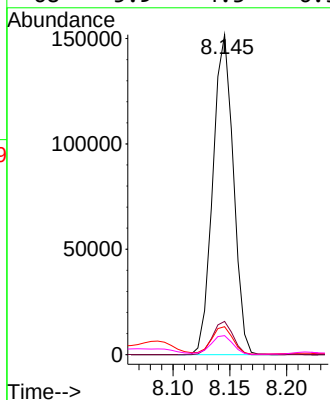
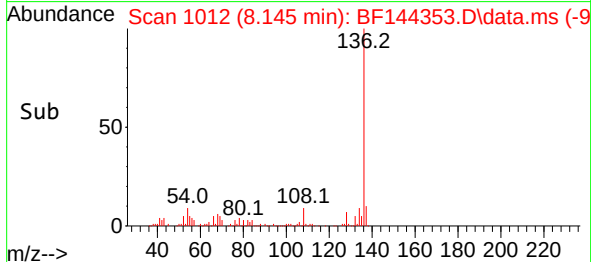
Tgt Ion:136 Resp: 190607
Ion Ratio Lower Upper
136 100
137 10.4 8.6 13.0
54 8.7 7.0 10.6
68 5.9 4.3 6.5

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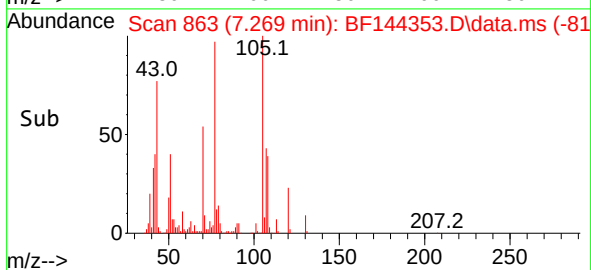
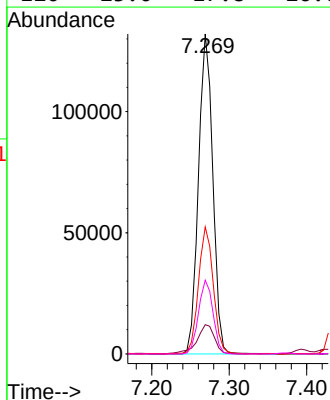
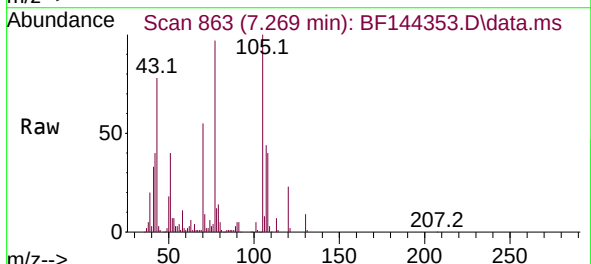
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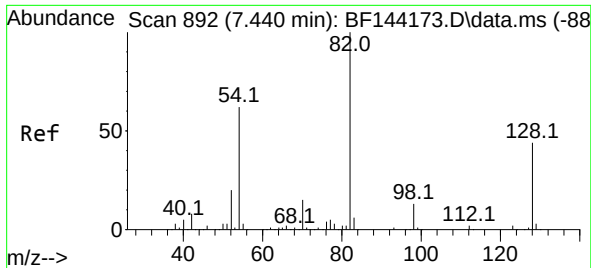
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#22
Acetophenone
Concen: 41.403 ng
RT: 7.269 min Scan# 863
Delta R.T. -0.012 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Tgt Ion:105 Resp: 169294
Ion Ratio Lower Upper
105 100
71 9.1 7.2 10.8
51 39.7 34.0 51.0
120 23.0 17.8 26.6





#23

Nitrobenzene-d5

Concen: 83.979 ng

RT: 7.428 min Scan# 892

Delta R.T. -0.006 min

Lab File: BF144353.D

Acq: 25 Nov 2025 16:45

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS

Tgt Ion: 82 Resp: 277154
 Ion Ratio Lower Upper
 82 100
 128 45.8 34.7 52.1
 54 61.1 49.5 74.3

Manual Integrations

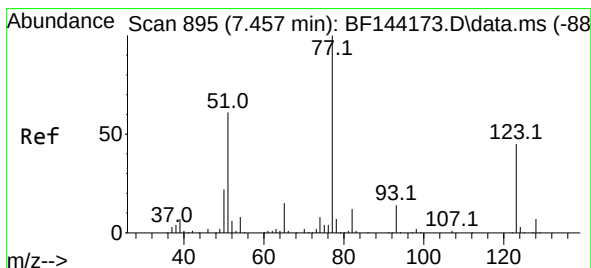
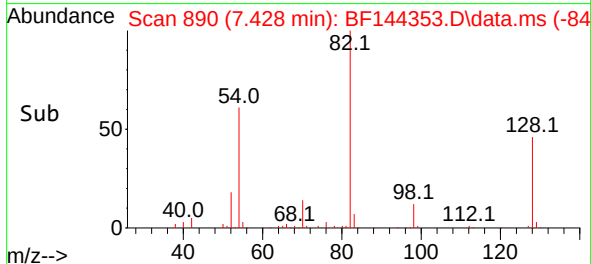
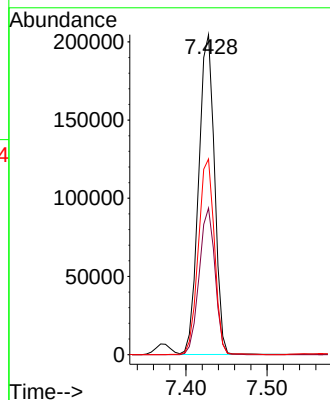
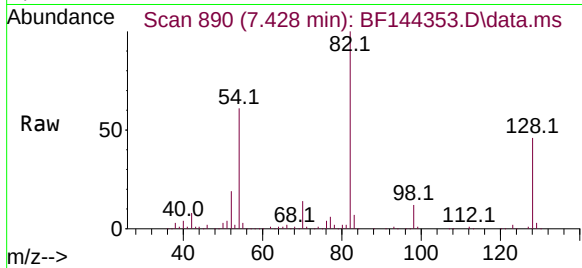
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 ahmed

11/27/2025



#24

Nitrobenzene

Concen: 39.576 ng

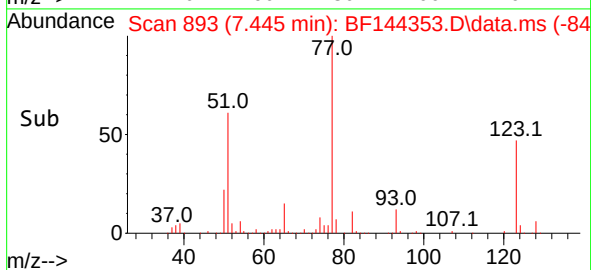
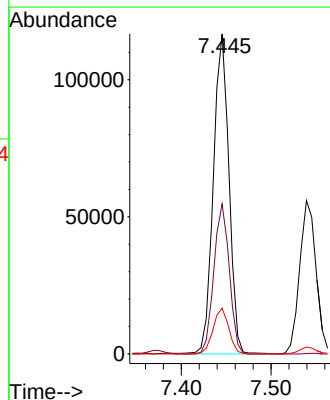
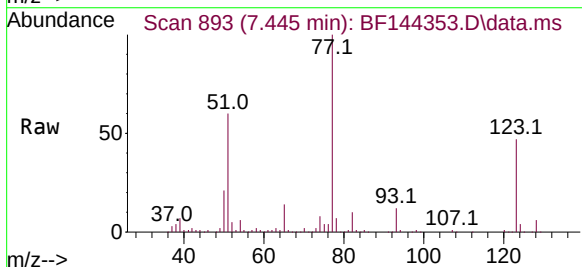
RT: 7.445 min Scan# 893

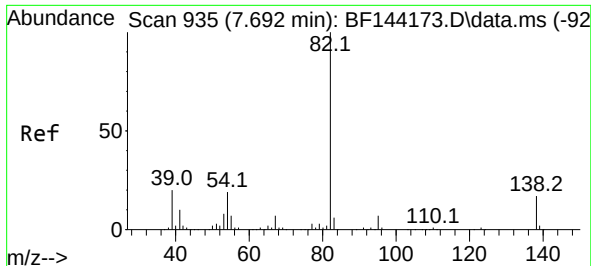
Delta R.T. -0.006 min

Lab File: BF144353.D

Acq: 25 Nov 2025 16:45

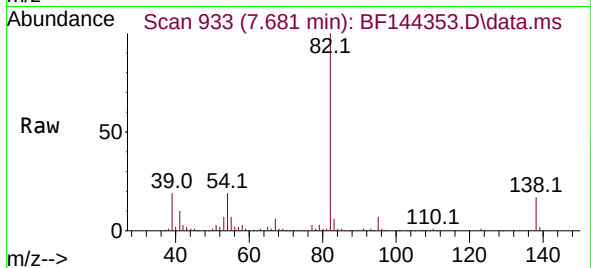
Tgt Ion: 77 Resp: 141812
 Ion Ratio Lower Upper
 77 100
 123 46.9 35.8 53.8
 65 14.3 12.2 18.2





#25
Isophorone
Concen: 40.749 ng
RT: 7.681 min Scan# 935
Delta R.T. -0.006 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Instrument :
BNA_F
ClientSampleId :
EFF-WWMS



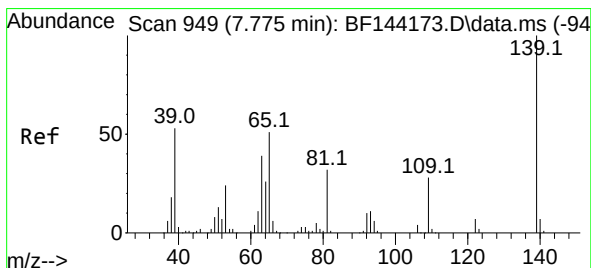
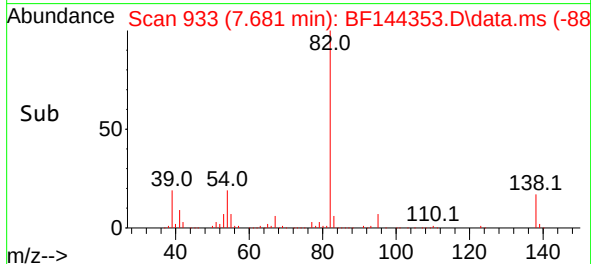
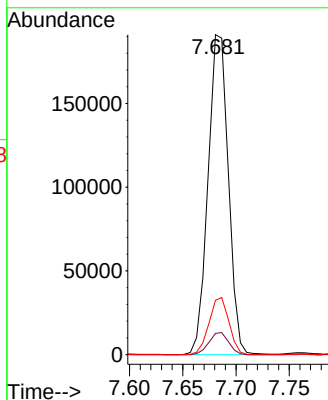
Tgt Ion: 82 Resp: 254373
Ion Ratio Lower Upper
82 100
95 6.6 5.5 8.3
138 17.0 13.7 20.5

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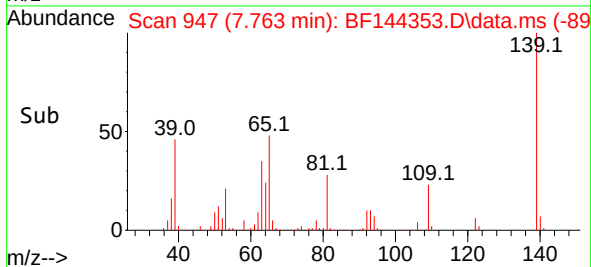
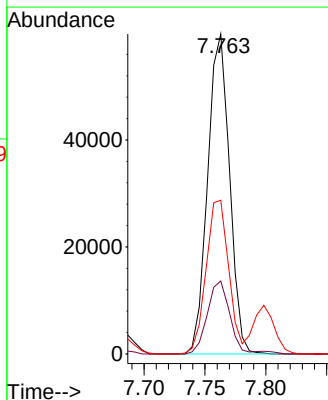
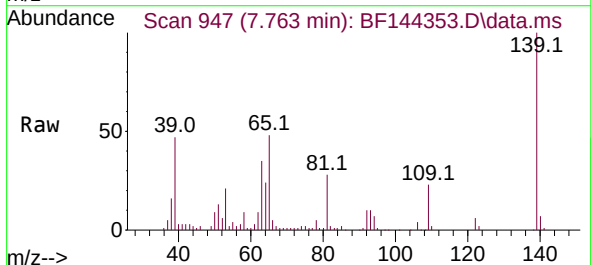
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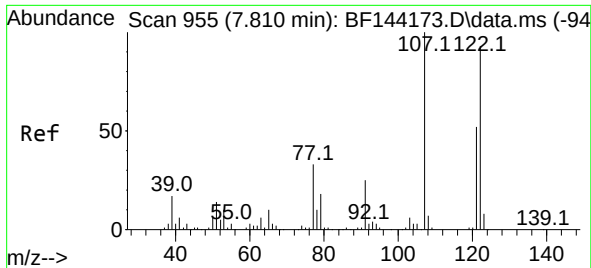
11/27/2025



#26
2-Nitrophenol
Concen: 42.228 ng
RT: 7.763 min Scan# 947
Delta R.T. -0.012 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Tgt Ion:139 Resp: 74904
Ion Ratio Lower Upper
139 100
109 22.8 22.2 33.2
65 48.0 40.7 61.1





#27
2,4-Dimethylphenol
Concen: 40.994 ng
RT: 7.798 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS

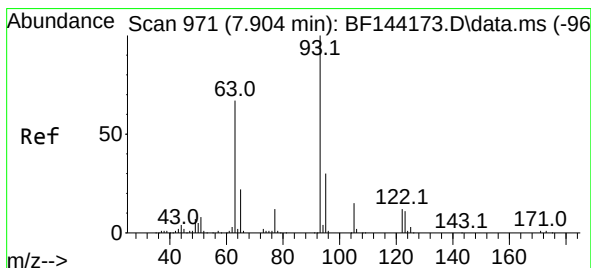
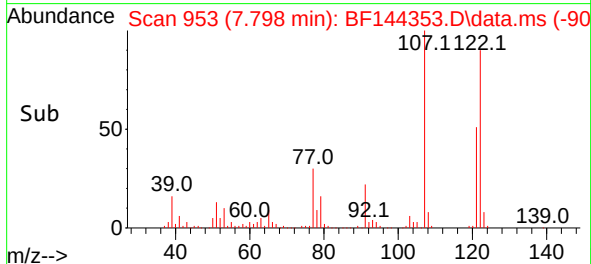
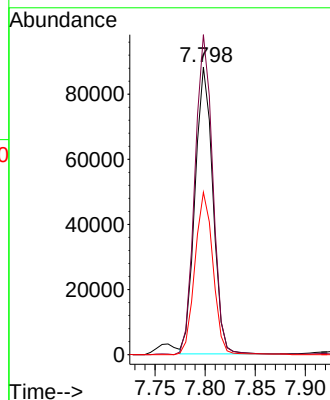
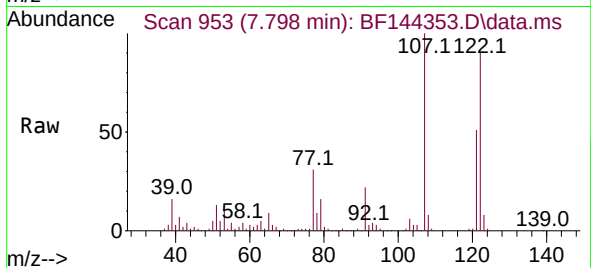
Tgt Ion:122 Resp: 108988
Ion Ratio Lower Upper
122 100
107 111.3 86.2 129.4
121 56.4 44.6 66.8

Manual Integrations
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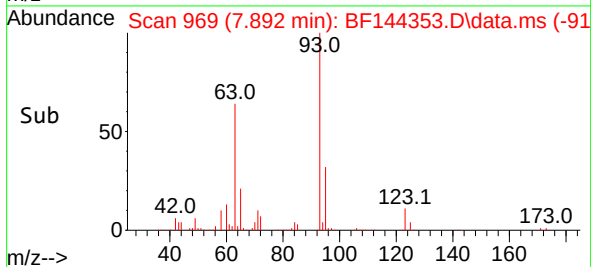
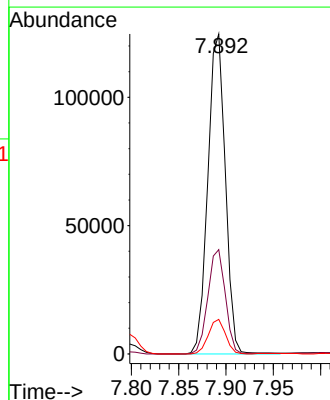
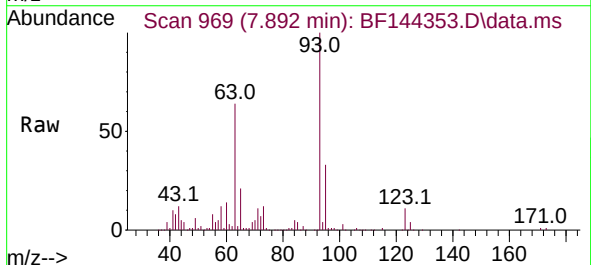
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ahmed

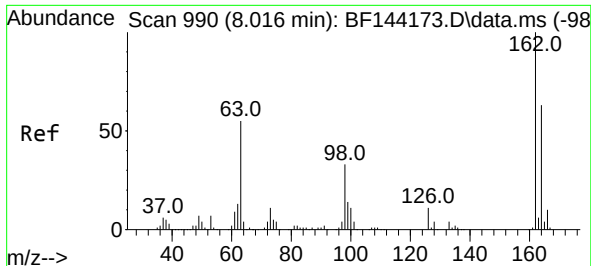
11/27/2025



#28
bis(2-Chloroethoxy)methane
Concen: 41.154 ng
RT: 7.892 min Scan# 969
Delta R.T. -0.006 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Tgt Ion: 93 Resp: 160427
Ion Ratio Lower Upper
93 100
95 32.6 24.2 36.4
123 10.8 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 32.818 ng

RT: 8.004 min Scan# 98

Delta R.T. -0.012 min

Lab File: BF144353.D

Acq: 25 Nov 2025 16:45

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS

Tgt Ion:162 Resp: 100562

Ion Ratio Lower Upper

162 100

164 62.3 42.9 82.9

98 37.2 13.3 53.3

Manual Integrations

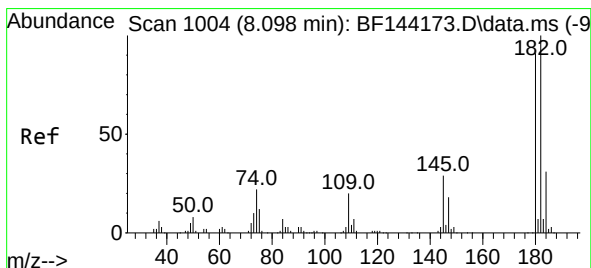
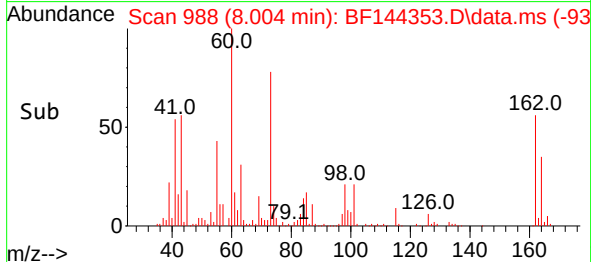
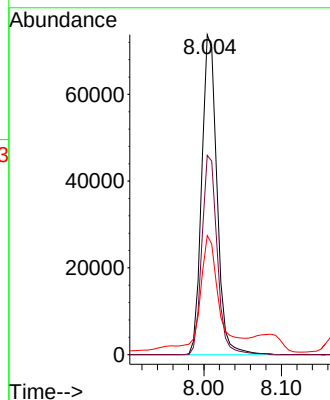
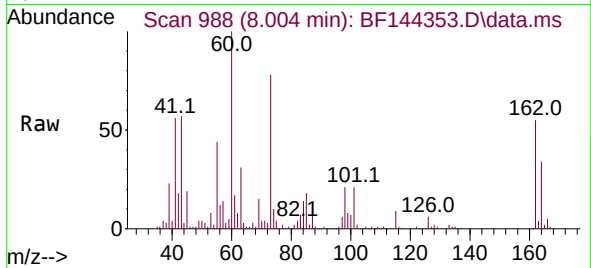
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ahmed

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#30

1,2,4-Trichlorobenzene

Concen: 30.205 ng

RT: 8.086 min Scan# 1002

Delta R.T. -0.012 min

Lab File: BF144353.D

Acq: 25 Nov 2025 16:45

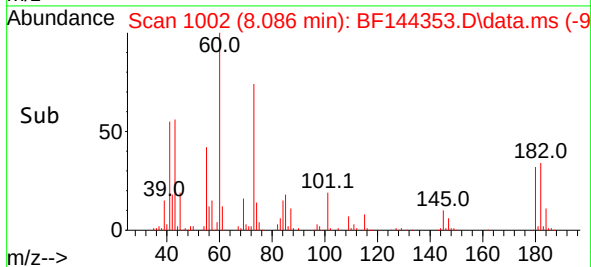
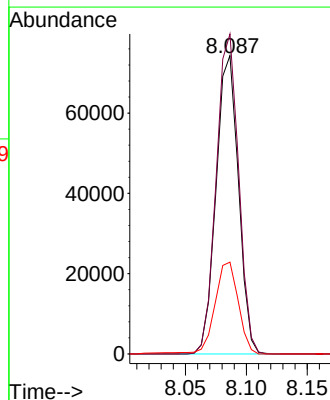
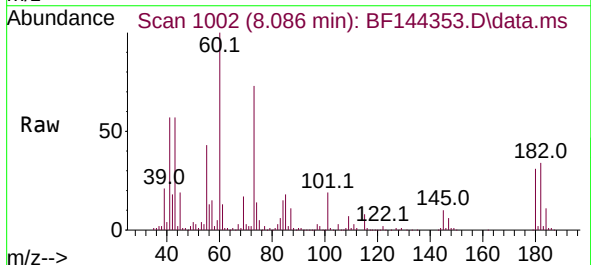
Tgt Ion:180 Resp: 95042

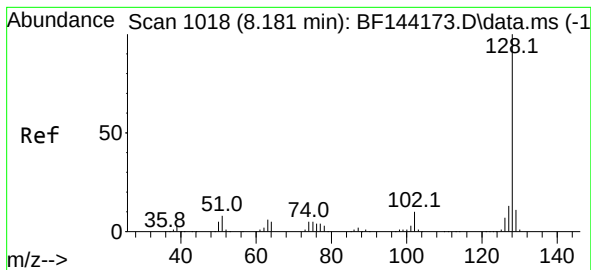
Ion Ratio Lower Upper

180 100

182 107.2 87.7 131.5

145 30.7 25.4 38.0





#31

Naphthalene

Concen: 38.101 ng

RT: 8.169 min Scan# 1016

Delta R.T. -0.006 min

Lab File: BF144353.D

Acq: 25 Nov 2025 16:45

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS

Tgt Ion:128 Resp: 345459

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.9	13.3
127	12.7	10.3	15.5

Manual Integrations

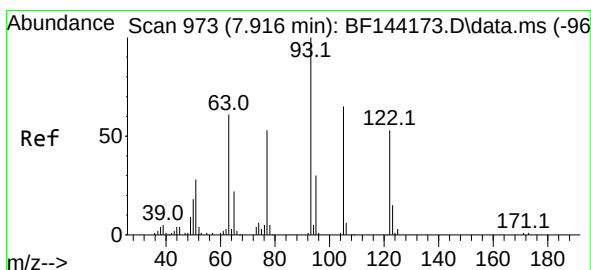
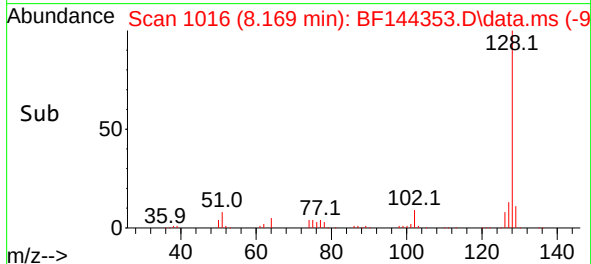
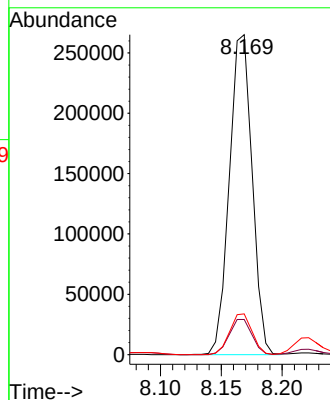
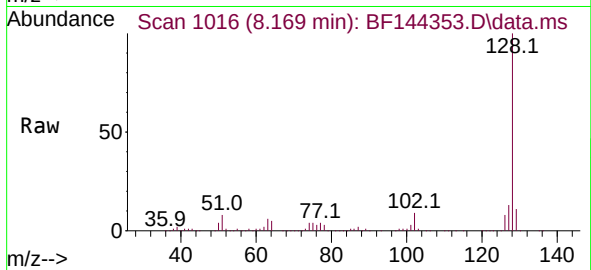
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ahmed

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#32

Benzoic acid

Concen: 41.263 ng

RT: 8.110 min Scan# 1006

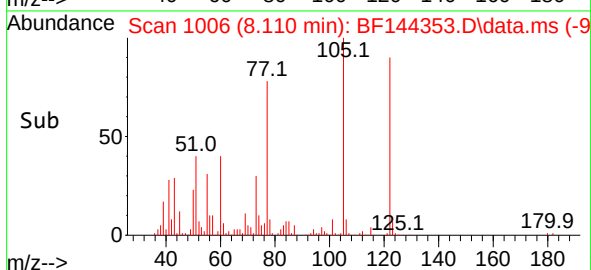
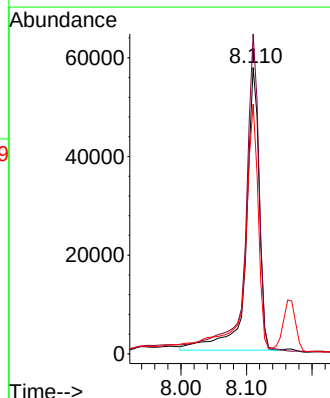
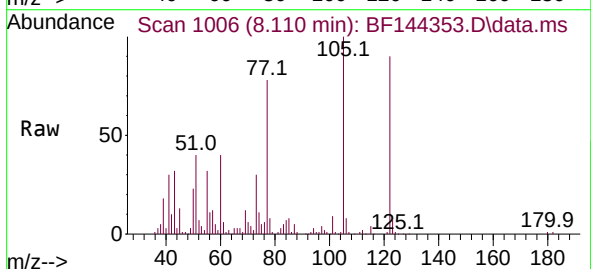
Delta R.T. 0.159 min

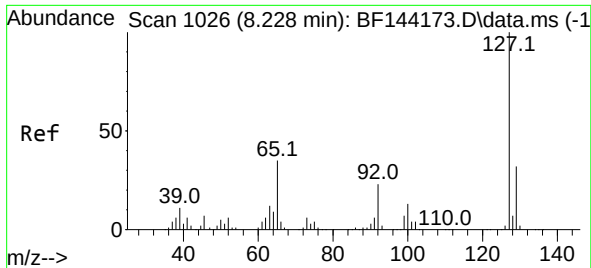
Lab File: BF144353.D

Acq: 25 Nov 2025 16:45

Tgt Ion:122 Resp: 80415

Ion	Ratio	Lower	Upper
122	100		
105	111.7	99.9	139.9
77	87.2	77.5	117.5





#33
4-Chloroaniline
Concen: 6.849 ng
RT: 8.222 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS

Tgt Ion:127 Resp: 22650
Ion Ratio Lower Upper
127 100
129 32.1 25.3 37.9
65 35.7 27.6 41.4
92 22.6 18.4 27.6

Manual Integrations

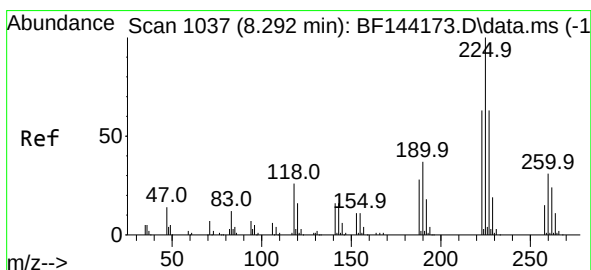
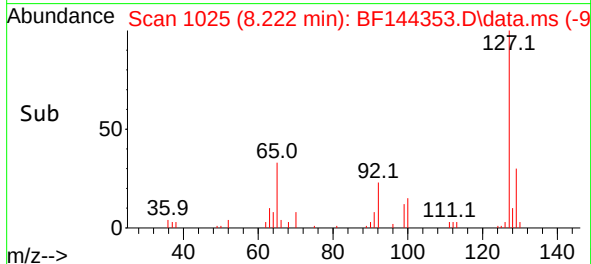
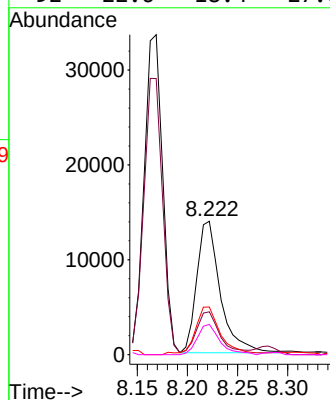
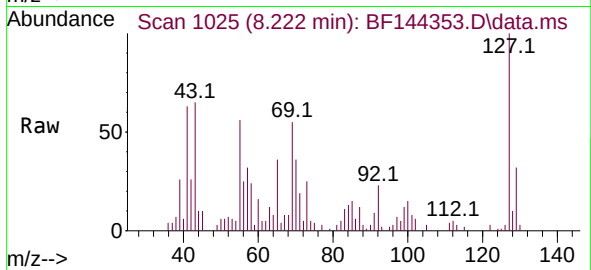
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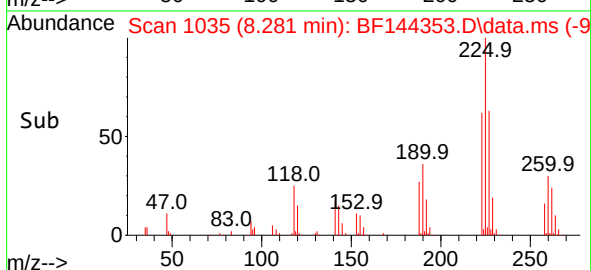
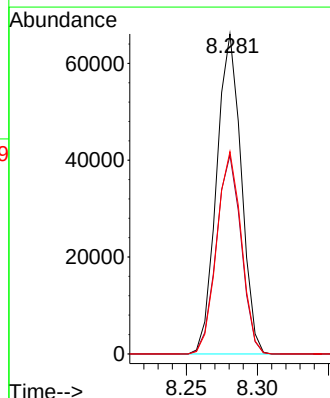
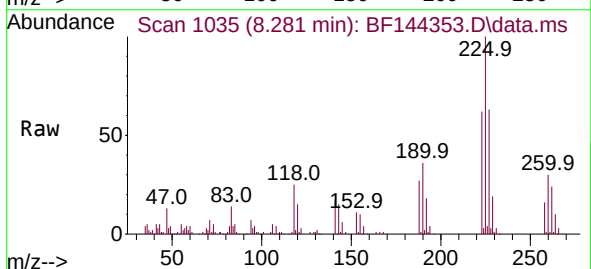
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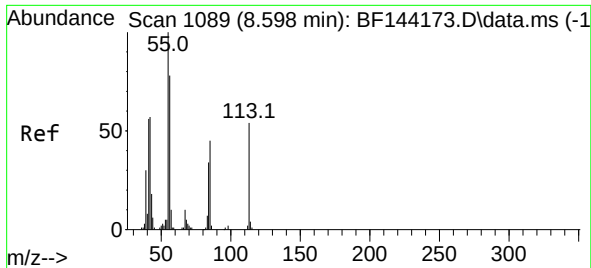
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#34
Hexachlorobutadiene
Concen: 33.605 ng
RT: 8.281 min Scan# 1035
Delta R.T. -0.012 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

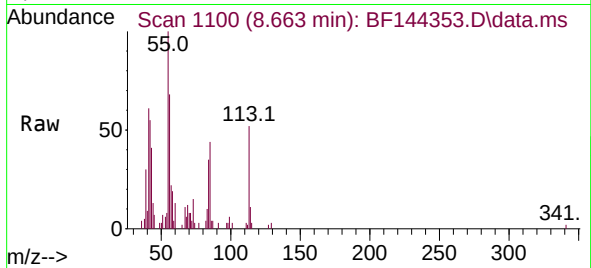
Tgt Ion:225 Resp: 79691
Ion Ratio Lower Upper
225 100
223 62.1 50.2 75.4
227 63.2 50.1 75.1





#35
Caprolactam
Concen: 19.385 ng m
RT: 8.663 min Scan# 1100
Delta R.T. 0.041 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Instrument :
BNA_F
ClientSampleId :
EFF-WWMS



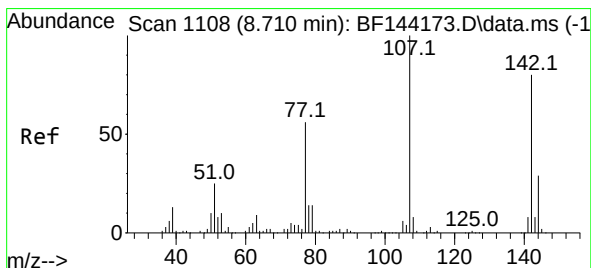
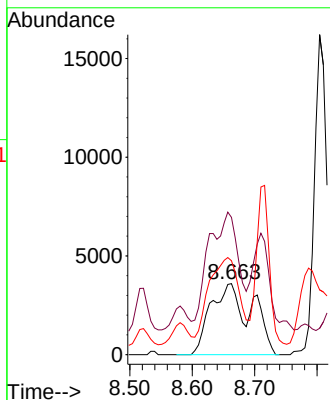
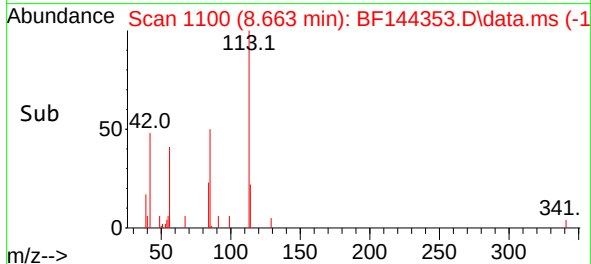
Tgt Ion:113 Resp: 16274
Ion Ratio Lower Upper
113 100
55 193.4 166.8 206.8
56 132.3 125.9 165.9

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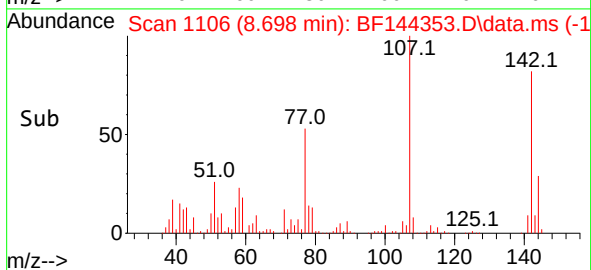
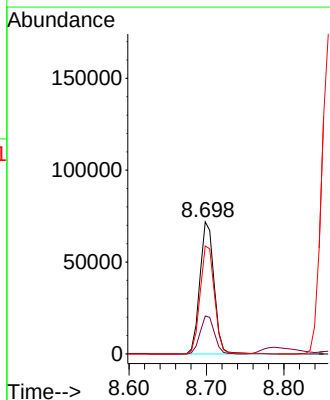
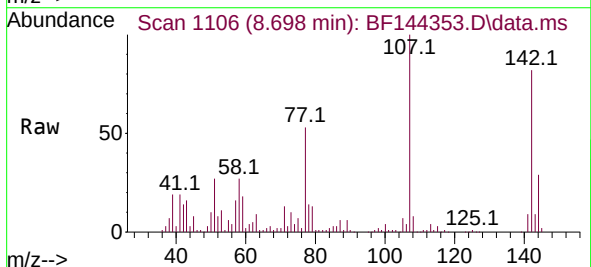
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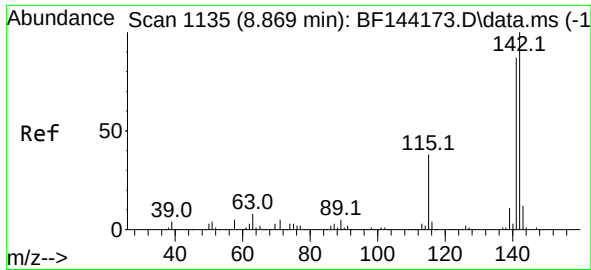
11/27/2025



#36
4-Chloro-3-methylphenol
Concen: 33.255 ng
RT: 8.698 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Tgt Ion:107 Resp: 91325
Ion Ratio Lower Upper
107 100
144 28.7 23.3 34.9
142 81.7 63.8 95.6





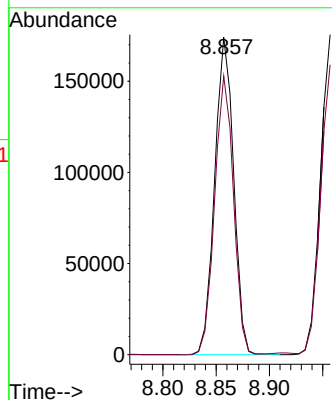
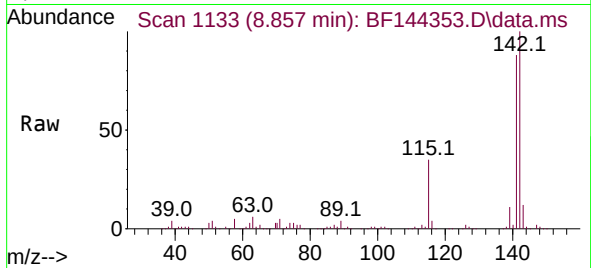
#37
2-Methylnaphthalene
Concen: 35.582 ng
RT: 8.857 min Scan# 1135
Delta R.T. -0.012 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Instrument :
BNA_F
ClientSampleId :
EFF-WWMS

Tgt Ion:142 Resp: 215704
Ion Ratio Lower Upper
142 100
141 87.8 69.9 104.9

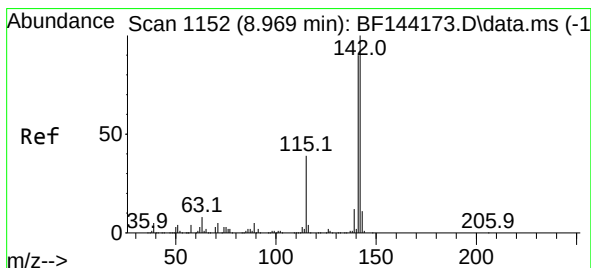
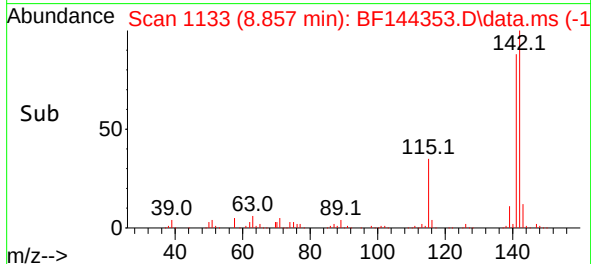
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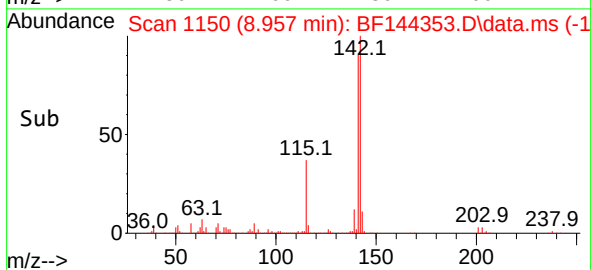
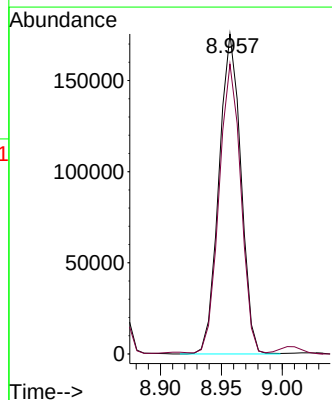
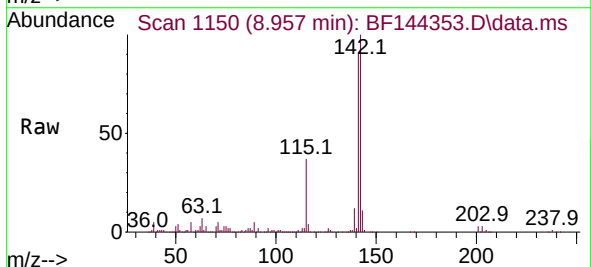
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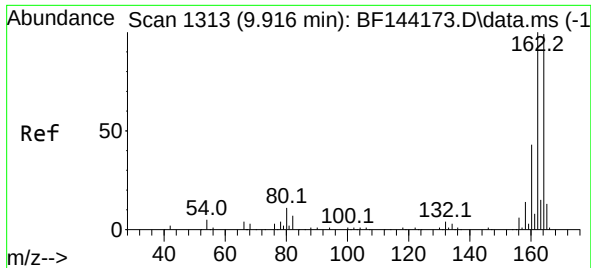
11/27/2025



#38
1-Methylnaphthalene
Concen: 37.463 ng
RT: 8.957 min Scan# 1150
Delta R.T. -0.012 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Tgt Ion:142 Resp: 219134
Ion Ratio Lower Upper
142 100
141 90.6 72.1 108.1





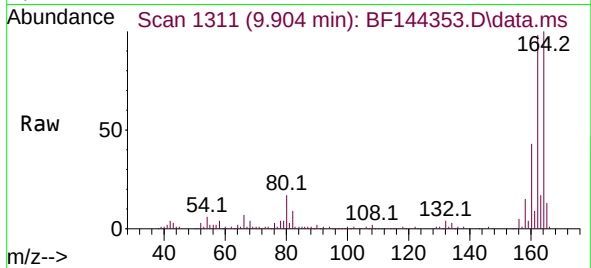
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1313
Delta R.T. -0.012 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS



Tgt Ion:164 Resp: 99198
Ion Ratio Lower Upper
164 100
162 98.4 81.1 121.7
160 43.0 34.5 51.7

Manual Integrations

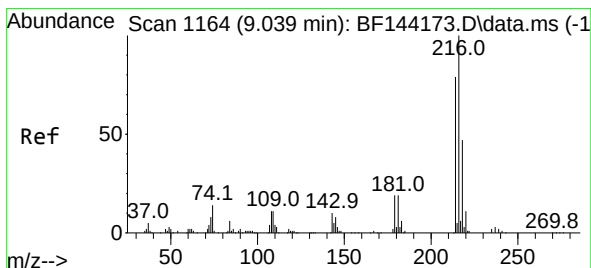
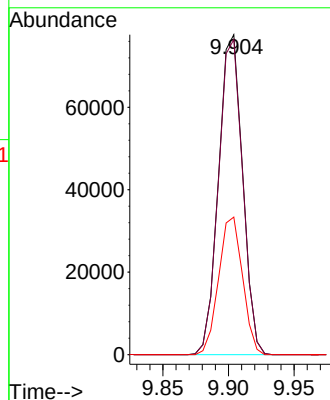
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Supervised By :mohammad ahmed 11/27/2025

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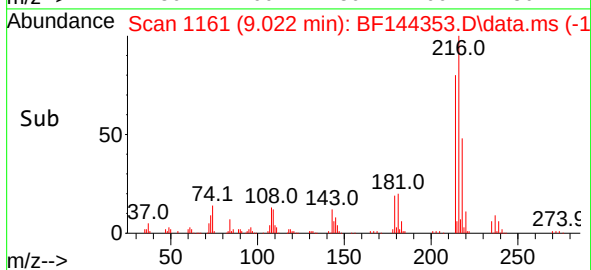
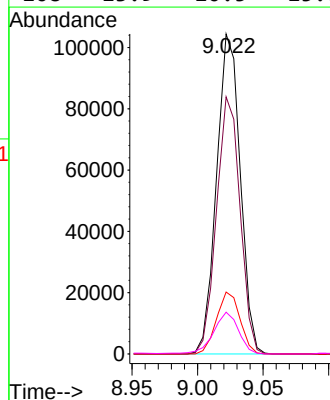
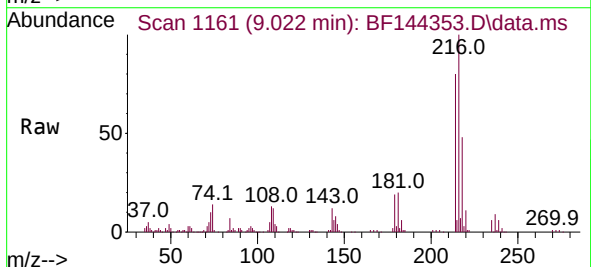
Supervised By :mohammad
ahmed

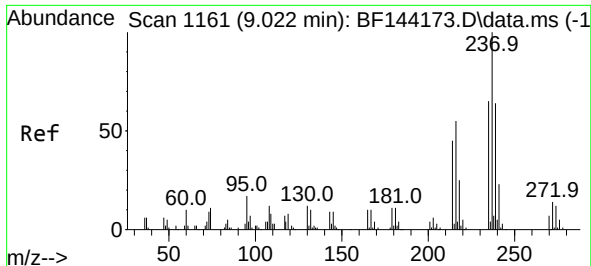
11/27/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.299 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.012 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

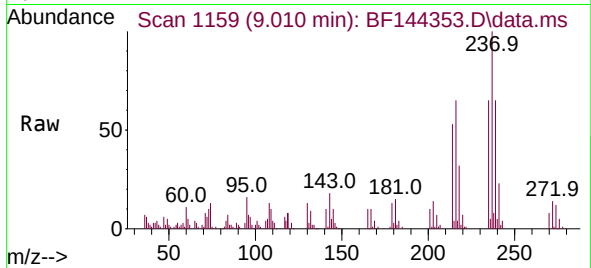
Tgt Ion:216 Resp: 131015
Ion Ratio Lower Upper
216 100
214 79.9 63.4 95.2
179 19.2 15.0 22.4
108 13.9 10.5 15.7





#41
Hexachlorocyclopentadiene
Concen: 47.285 ng
RT: 9.010 min Scan# 1161
Delta R.T. -0.018 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Instrument :
BNA_F
ClientSampleId :
EFF-WWMS



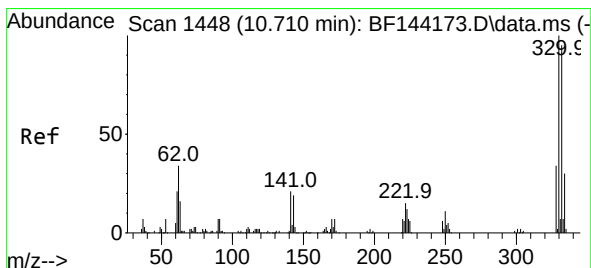
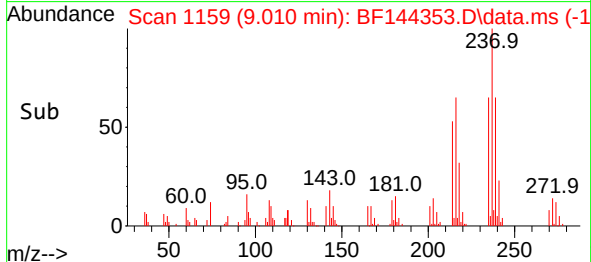
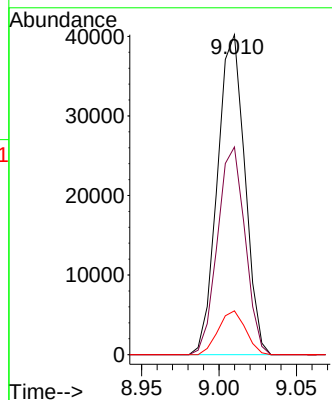
Tgt Ion:237 Resp: 49582
Ion Ratio Lower Upper
237 100
235 64.9 45.5 85.5
272 13.7 0.0 33.5

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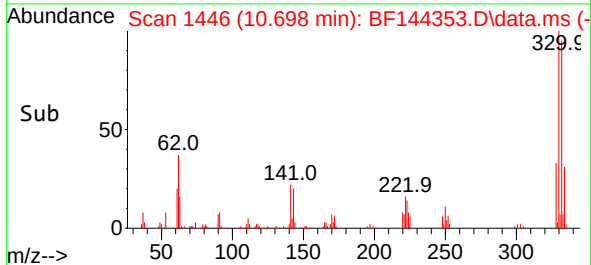
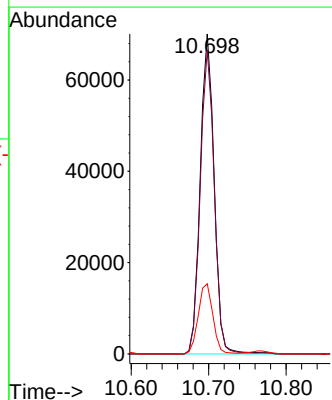
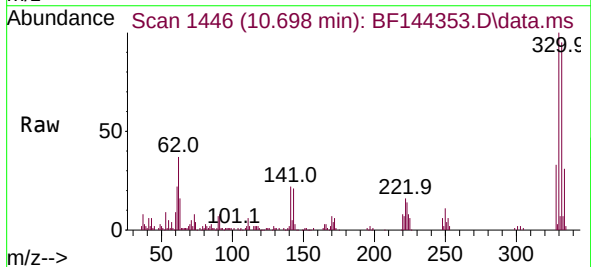
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ahmed

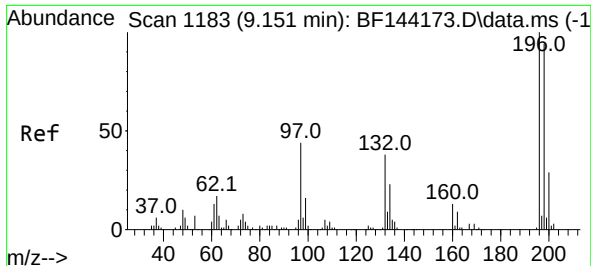
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#42
2,4,6-Tribromophenol
Concen: 70.236 ng
RT: 10.698 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Tgt Ion:330 Resp: 87431
Ion Ratio Lower Upper
330 100
332 95.2 76.7 115.1
141 23.0 17.8 26.8





#43
2,4,6-Trichlorophenol
Concen: 33.927 ng
RT: 9.139 min Scan# 1181
Delta R.T. -0.012 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS

Tgt Ion:196 Resp: 75076
Ion Ratio Lower Upper
196 100
198 92.8 75.3 112.9
200 29.6 23.4 35.2

Manual Integrations

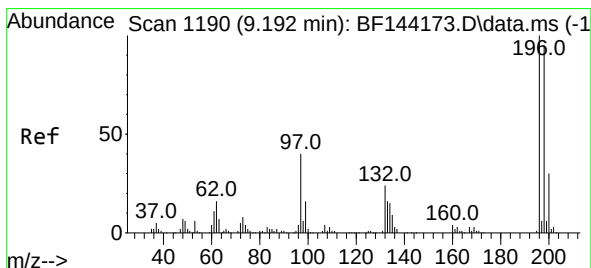
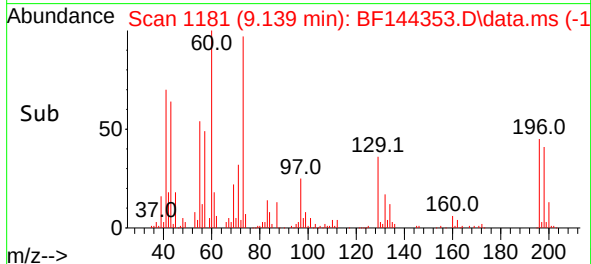
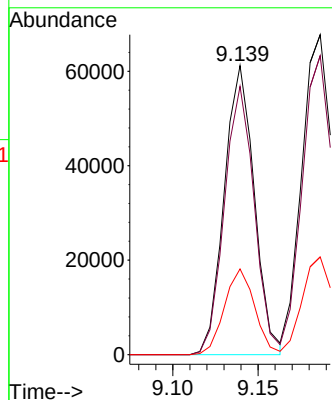
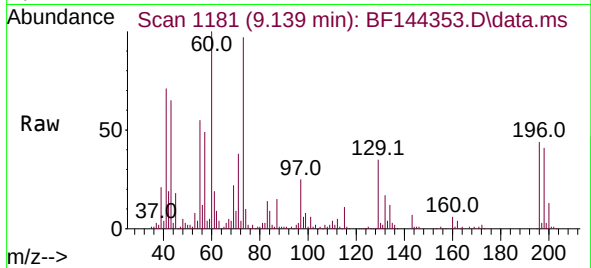
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Reviewed By :Jagrut Upadhyay 11/26/2025
Supervised By :mohammad ahmed 11/27/2025

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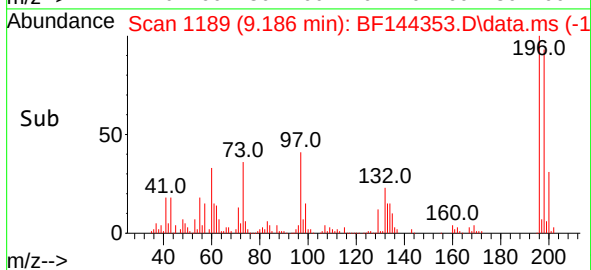
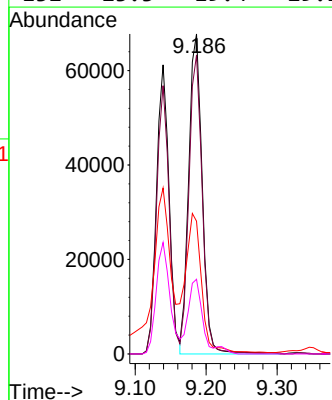
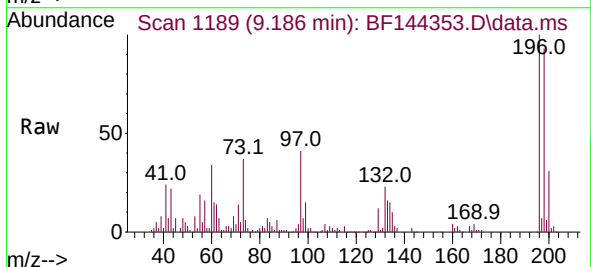
Supervised By :mohammad
ahmed

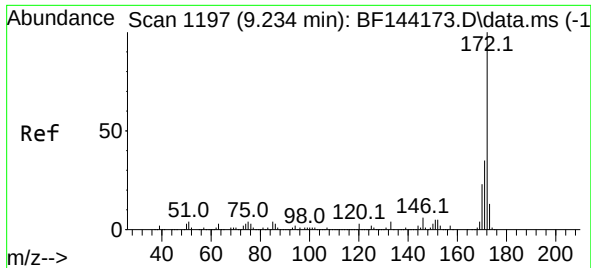
11/27/2025



#44
2,4,5-Trichlorophenol
Concen: 37.791 ng
RT: 9.186 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

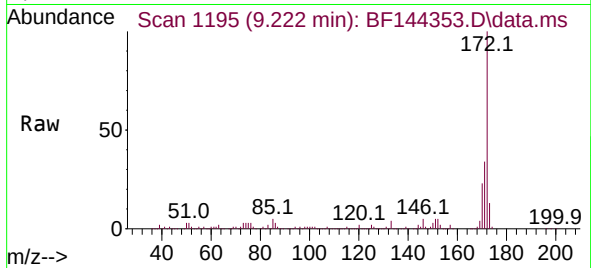
Tgt Ion:196 Resp: 90124
Ion Ratio Lower Upper
196 100
198 93.4 76.1 114.1
97 41.5 31.9 47.9
132 23.3 19.4 29.2





#45
2-Fluorobiphenyl
Concen: 79.245 ng
RT: 9.222 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Instrument :
BNA_F
ClientSampleId :
EFF-WWMS



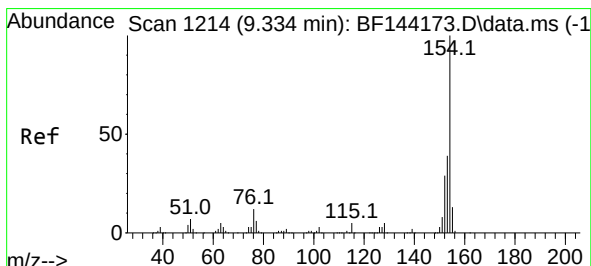
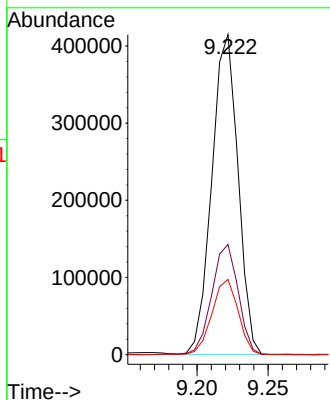
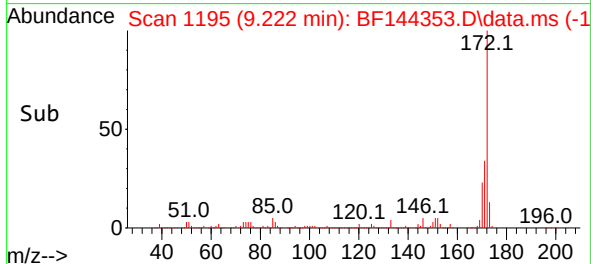
Tgt Ion:172 Resp: 53225
Ion Ratio Lower Upper
172 100
171 34.4 28.1 42.1
170 23.5 18.6 28.0

Manual Integrations
APPROVED

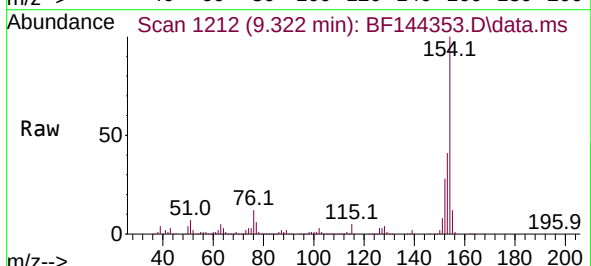
Reviewed By :Jagrut Upadhyay 11/26/2025
Supervised By :mohammad ahmed 11/27/2025

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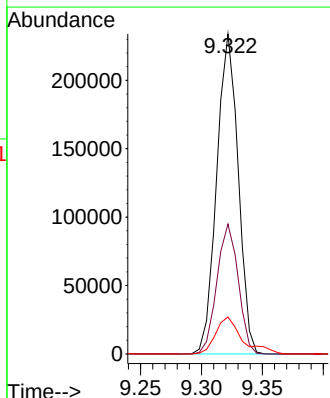
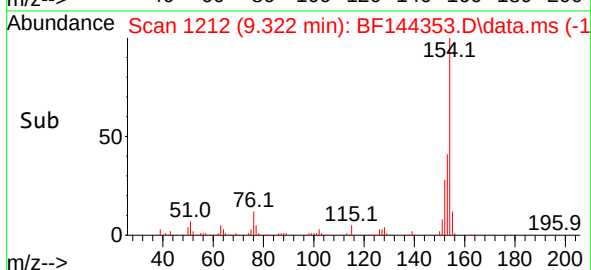
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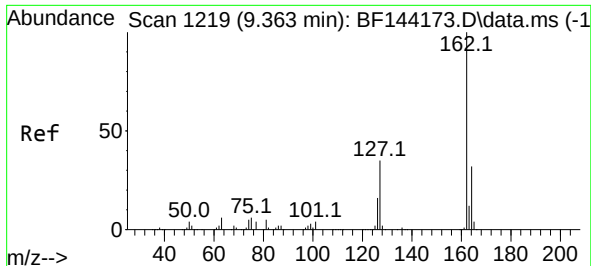


#46
1,1'-Biphenyl
Concen: 41.277 ng
RT: 9.322 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45



Tgt Ion:154 Resp: 285814
Ion Ratio Lower Upper
154 100
153 40.6 19.2 59.2
76 11.5 0.0 31.8





#47
2-Chloronaphthalene
Concen: 40.526 ng
RT: 9.345 min Scan# 1219
Delta R.T. -0.012 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS

Tgt Ion:162 Resp: 239366
Ion Ratio Lower Upper
162 100
127 35.6 28.8 43.2
164 31.6 25.8 38.8

Manual Integrations

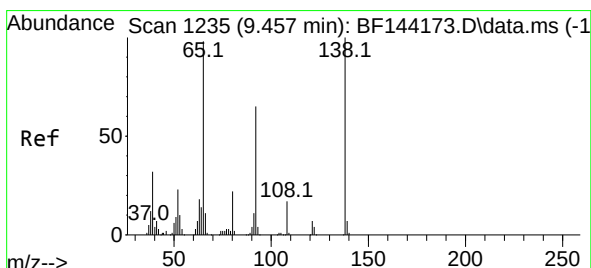
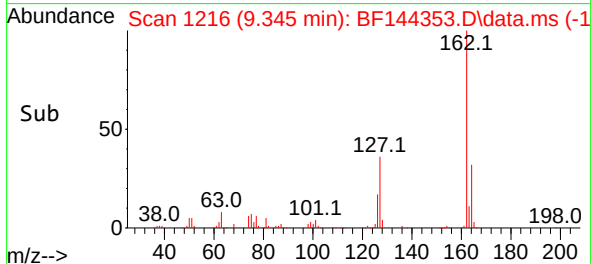
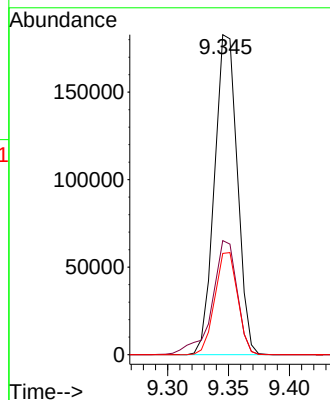
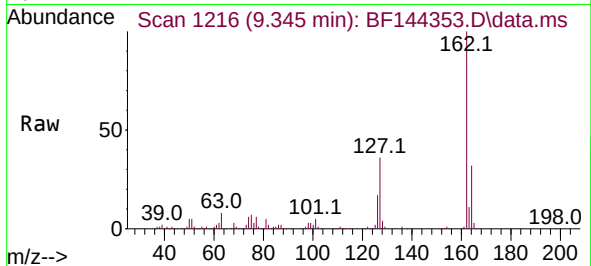
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Supervised By :mohammad ahmed 11/27/2025

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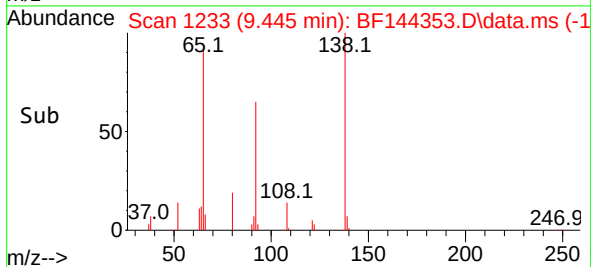
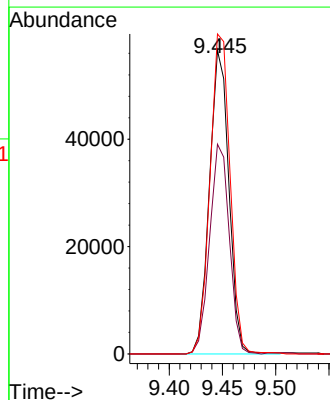
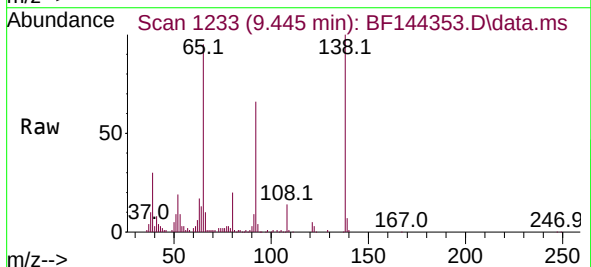
Supervised By :mohammad
ahmed

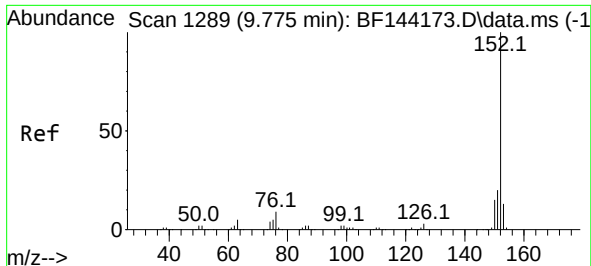
11/27/2025



#48
2-Nitroaniline
Concen: 42.150 ng
RT: 9.445 min Scan# 1233
Delta R.T. -0.012 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Tgt Ion: 65 Resp: 71833
Ion Ratio Lower Upper
65 100
92 69.1 53.0 79.6
138 105.4 81.6 122.4





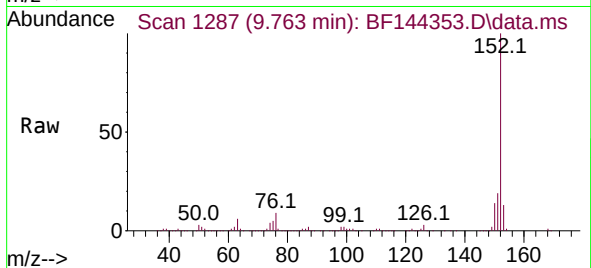
#49
Acenaphthylene
Concen: 46.691 ng
RT: 9.763 min Scan# 1287
Delta R.T. -0.012 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS



Tgt Ion:152 Resp: 375819
Ion Ratio Lower Upper
152 100
151 19.2 15.9 23.9
153 12.7 10.5 15.7

Manual Integrations

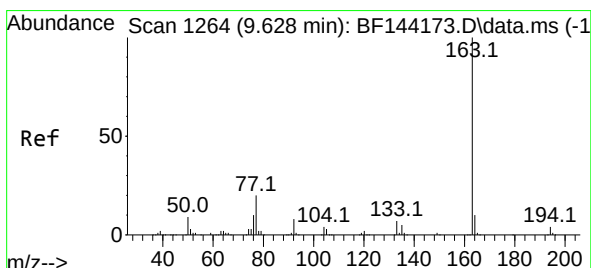
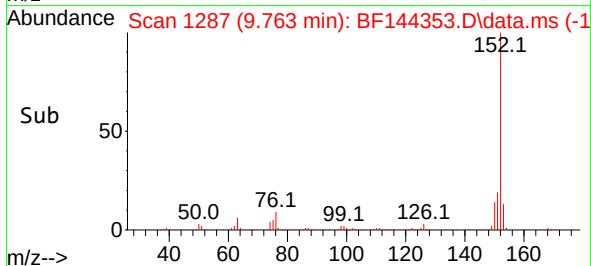
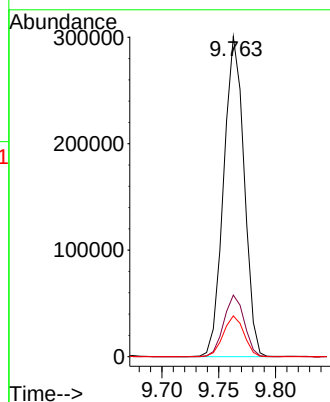
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Supervised By :mohammad ahmed 11/27/2025

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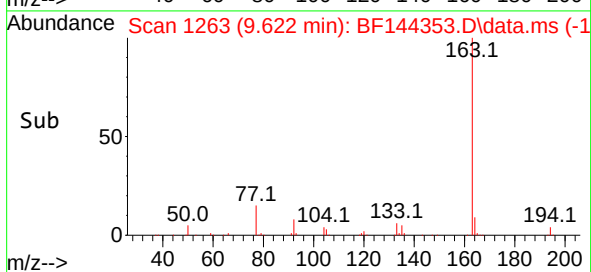
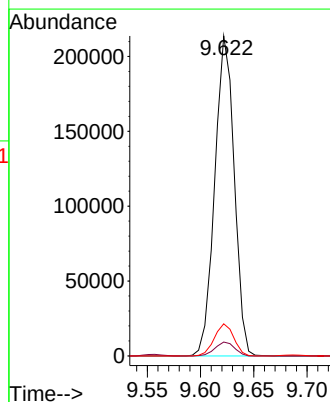
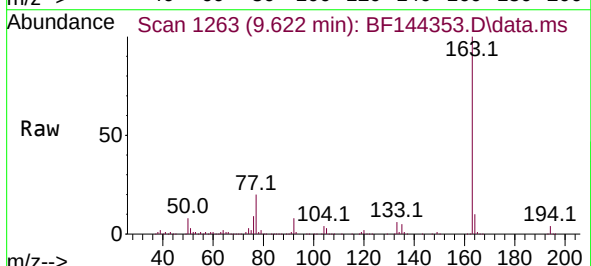
Supervised By :mohammad
ahmed

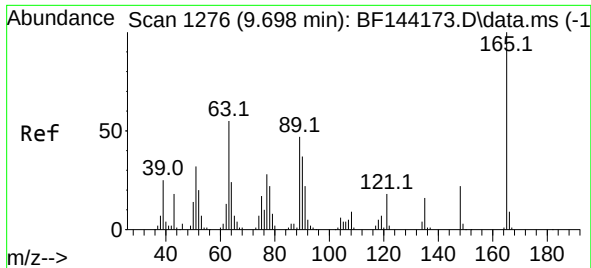
11/27/2025



#50
Dimethylphthalate
Concen: 41.491 ng
RT: 9.622 min Scan# 1263
Delta R.T. -0.006 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Tgt Ion:163 Resp: 272662
Ion Ratio Lower Upper
163 100
194 4.4 3.3 4.9
164 10.1 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 43.732 ng
RT: 9.686 min Scan# 1274
Delta R.T. -0.006 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS

Tgt Ion:165 Resp: 58178
Ion Ratio Lower Upper
165 100
63 50.7 43.8 65.8
89 44.4 37.5 56.3

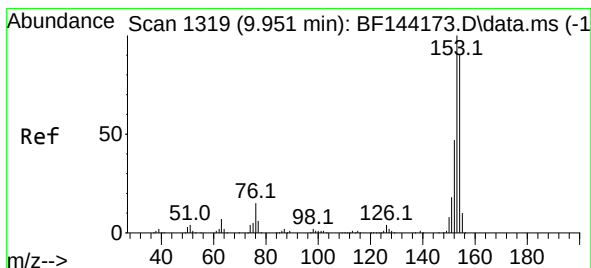
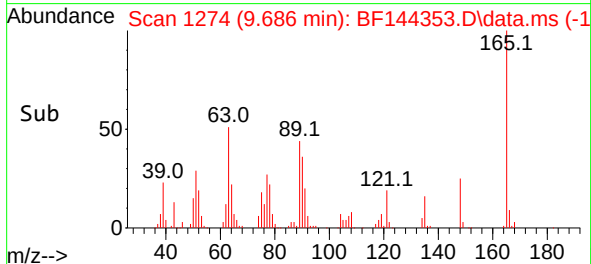
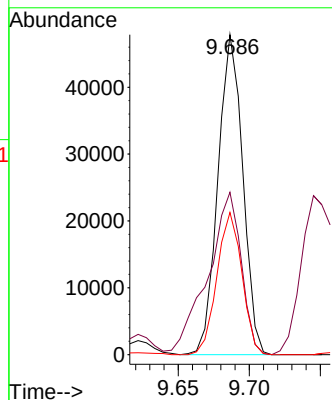
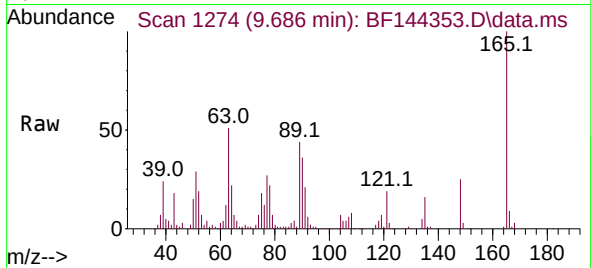
Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/26/2025
Supervised By :mohammad ahmed 11/27/2025

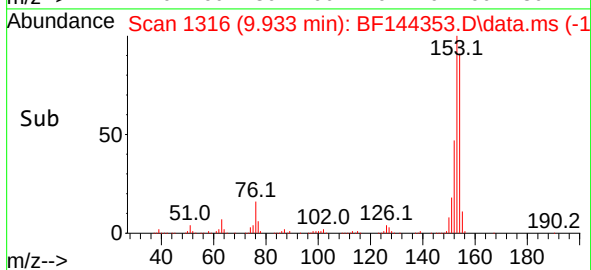
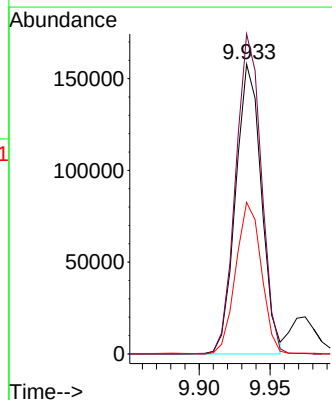
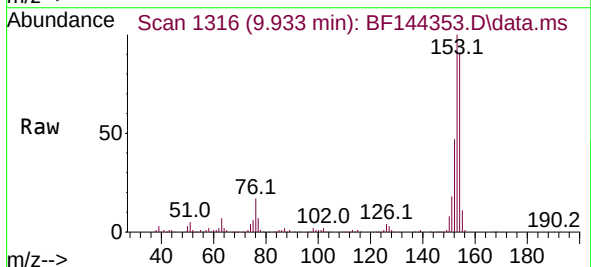
11/26/2025
Supervised By :mohammad
ahmed

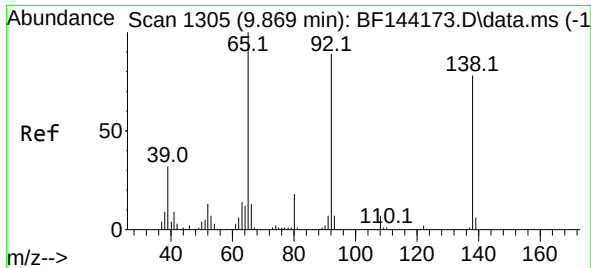
11/27/2025



#52
Acenaphthene
Concen: 36.972 ng
RT: 9.933 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Tgt Ion:154 Resp: 198999
Ion Ratio Lower Upper
154 100
153 110.5 89.0 133.4
152 52.3 42.2 63.4





#53
3-Nitroaniline
Concen: 13.659 ng
RT: 9.857 min Scan# 1303
Delta R.T. -0.012 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS

Tgt Ion:138 Resp: 19864
Ion Ratio Lower Upper
138 100
108 9.1 7.5 11.3
92 115.9 91.8 137.6

Manual Integrations

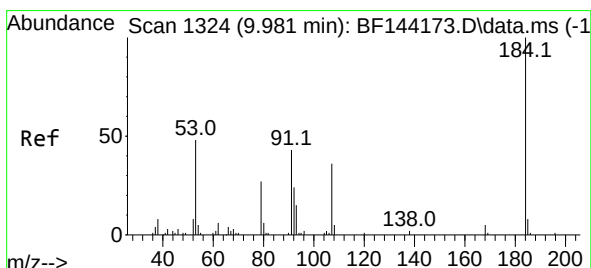
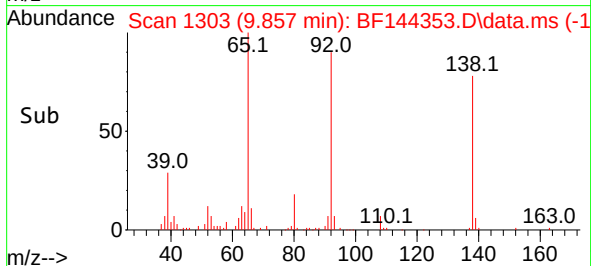
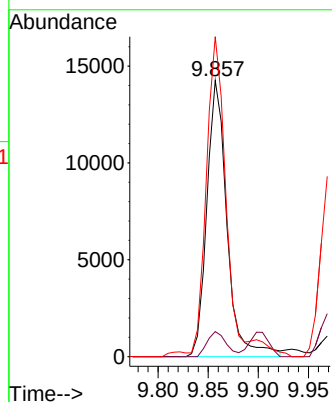
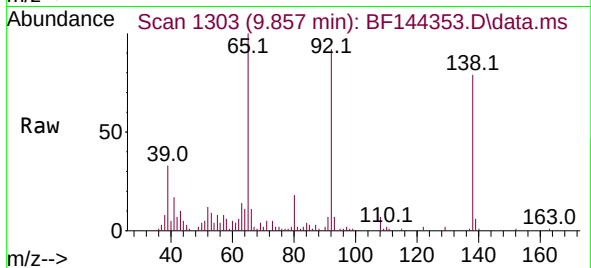
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Supervised By :mohammad ahmed 11/27/2025

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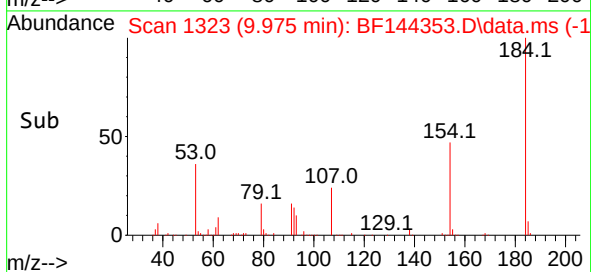
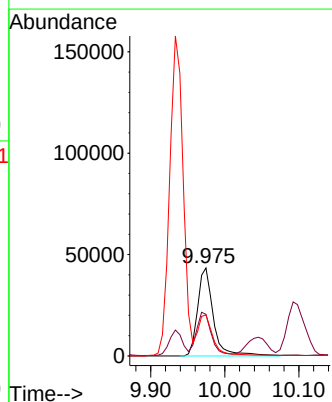
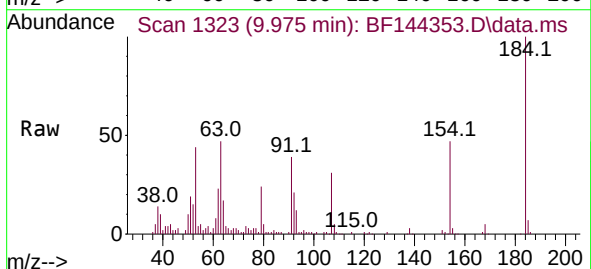
Supervised By :mohammad
ahmed

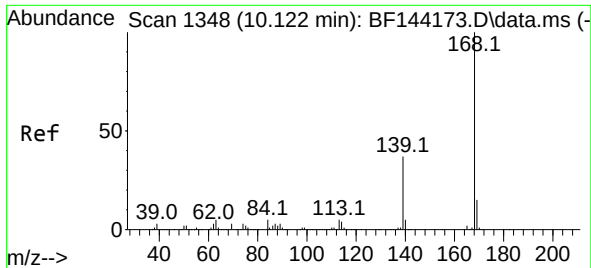
11/27/2025



#54
2,4-Dinitrophenol
Concen: 79.625 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.012 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

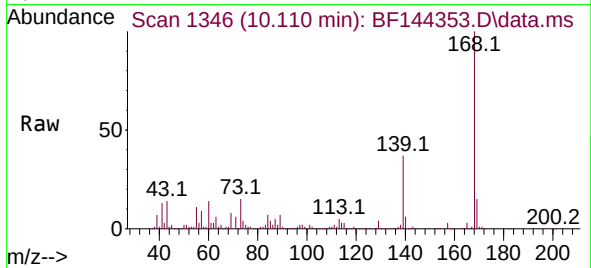
Tgt Ion:184 Resp: 63964
Ion Ratio Lower Upper
184 100
63 47.2 44.0 66.0
154 46.7 42.4 63.6





#55
Dibenzofuran
Concen: 37.644 ng
RT: 10.110 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Instrument :
BNA_F
ClientSampleId :
EFF-WWMS



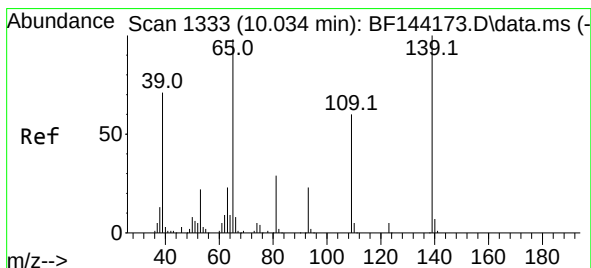
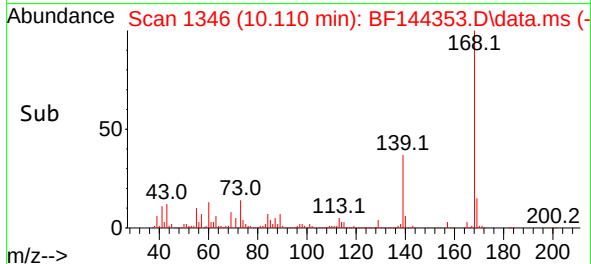
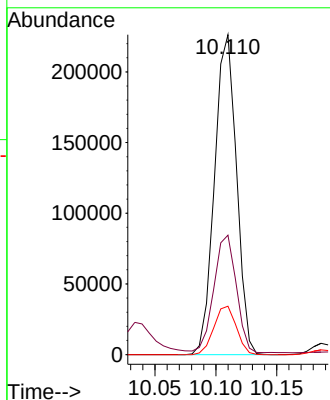
Tgt Ion:168 Resp: 283772
Ion Ratio Lower Upper
168 100
139 37.3 30.2 45.2
169 15.1 12.2 18.4

Manual Integrations
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Supervised By :mohammad ahmed 11/27/2025

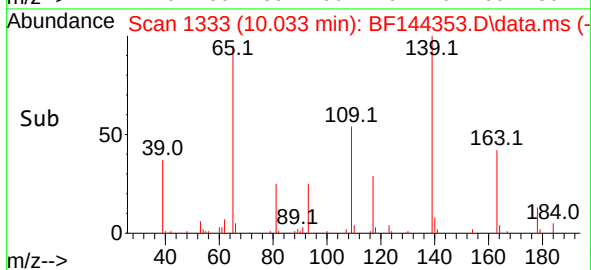
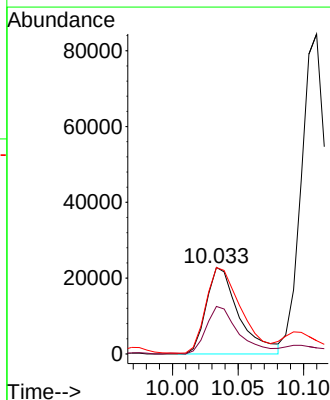
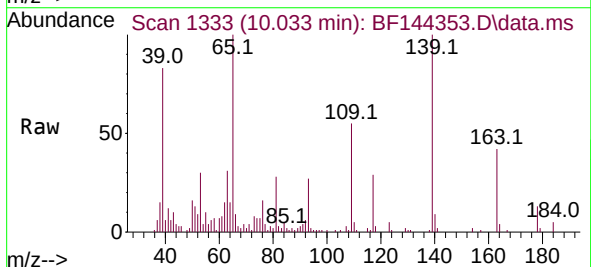
11/26/2025
Supervised By :mohammad
ahmed

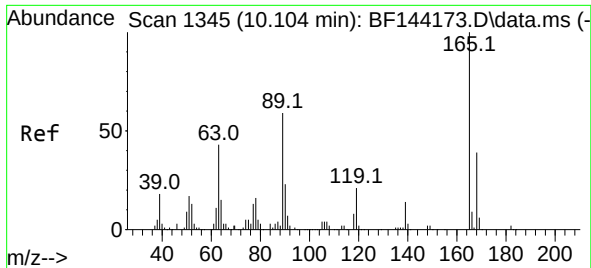
11/27/2025



#56
4-Nitrophenol
Concen: 37.673 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Tgt Ion:139 Resp: 39630
Ion Ratio Lower Upper
139 100
109 54.9 39.9 79.9
65 99.7 79.5 119.5





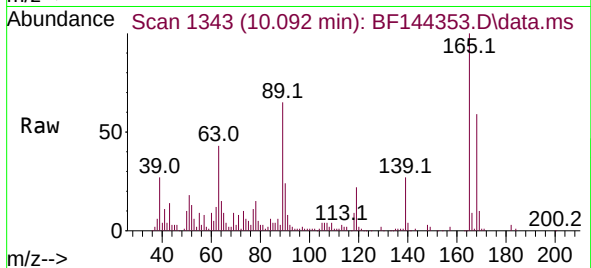
#57
2,4-Dinitrotoluene
Concen: 42.021 ng
RT: 10.092 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS

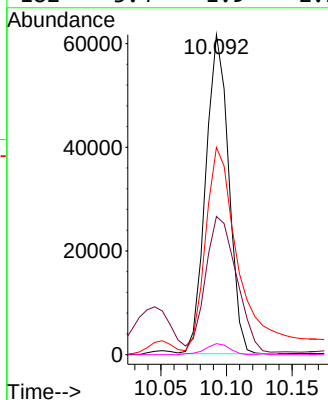


Tgt Ion:165 Resp: 74835
Ion Ratio Lower Upper
165 100
63 43.2 35.5 53.3
89 64.8 47.4 71.2
182 3.4 1.9 2.9

Manual Integrations

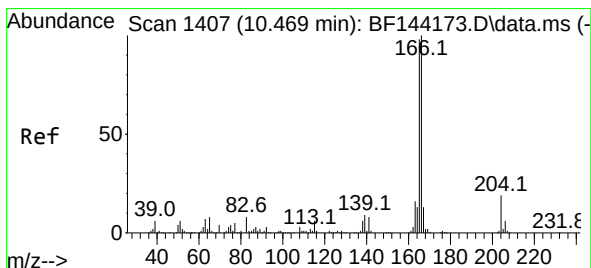
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Reviewed By :Jagrut Upadhyay 11/26/2025
Supervised By :mohammad ahmed 11/27/2025

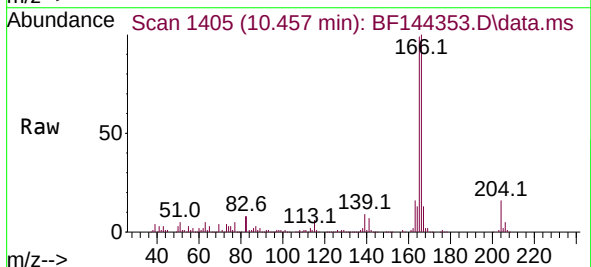


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Supervised By :mohammad
ahmed

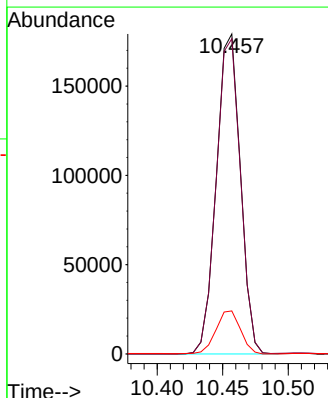
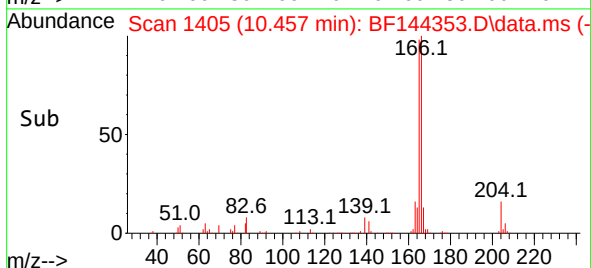
11/27/2025

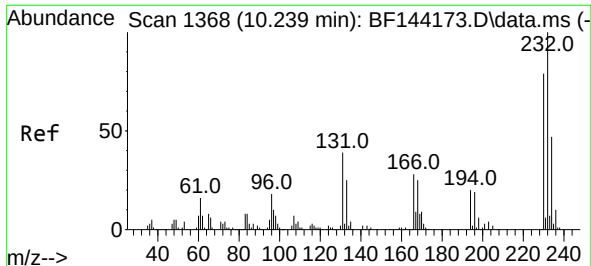


#58
Fluorene
Concen: 39.956 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45



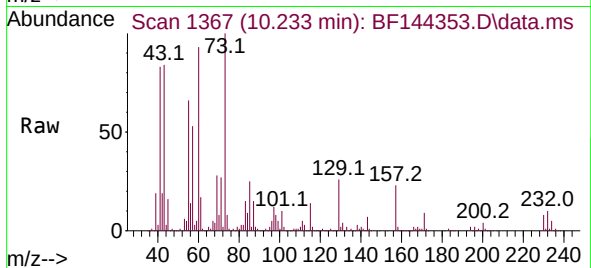
Tgt Ion:166 Resp: 229009
Ion Ratio Lower Upper
166 100
165 98.5 78.6 118.0
167 13.5 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 26.270 ng
RT: 10.233 min Scan# 1367
Delta R.T. -0.006 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Instrument :
BNA_F
ClientSampleId :
EFF-WWMS



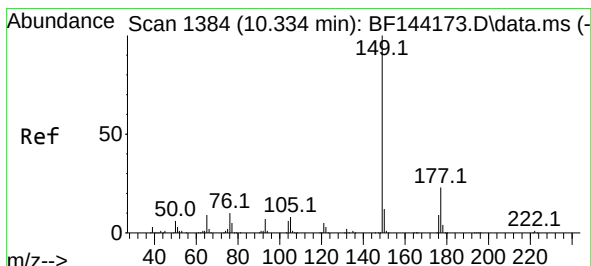
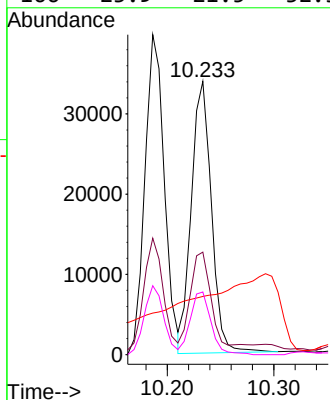
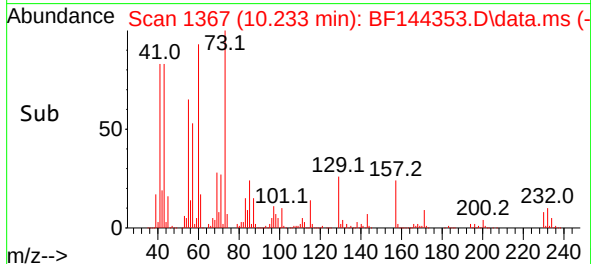
Tgt Ion:232 Resp: 44324
Ion Ratio Lower Upper
232 100
131 33.5 30.3 45.5
130 0.0 1.2 1.8
166 23.9 21.5 32.3

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Supervised By :mohammad ahmed 11/27/2025

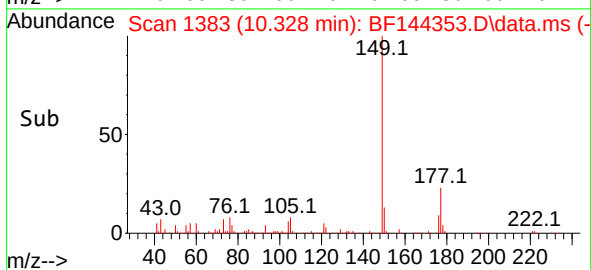
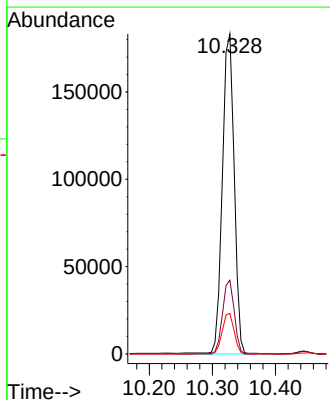
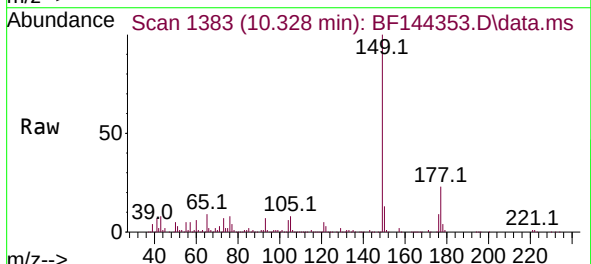
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ahmed

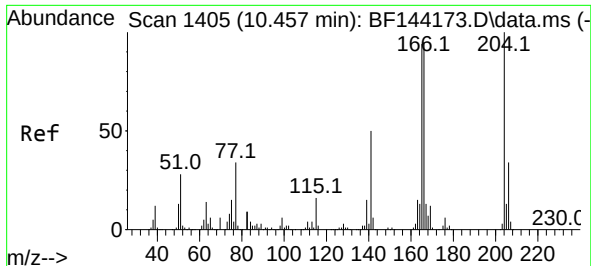
11/27/2025



#60
Diethylphthalate
Concen: 39.391 ng
RT: 10.328 min Scan# 1383
Delta R.T. -0.000 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

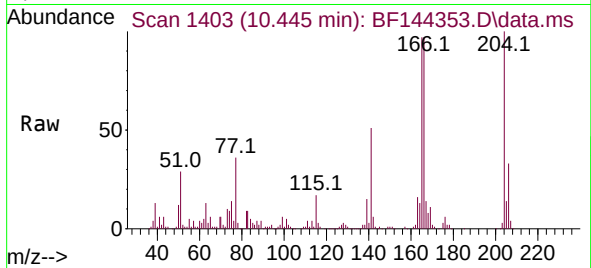
Tgt Ion:149 Resp: 238633
Ion Ratio Lower Upper
149 100
177 23.0 18.3 27.5
150 12.6 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 37.976 ng
RT: 10.445 min Scan# 1405
Delta R.T. -0.012 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Instrument :
BNA_F
ClientSampleId :
EFF-WWMS



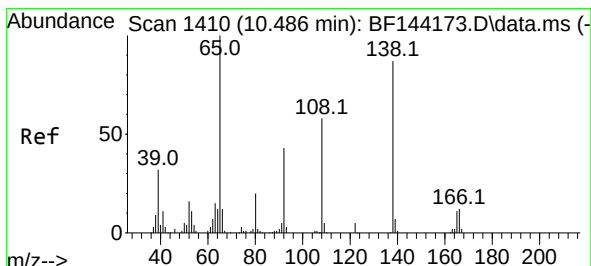
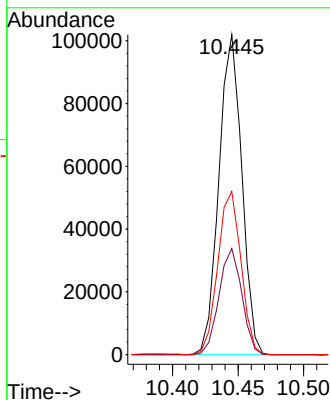
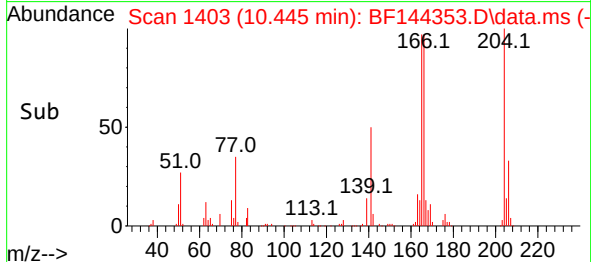
Tgt Ion:204 Resp: 123983
Ion Ratio Lower Upper
204 100
206 33.2 27.4 41.2
141 51.0 40.0 60.0

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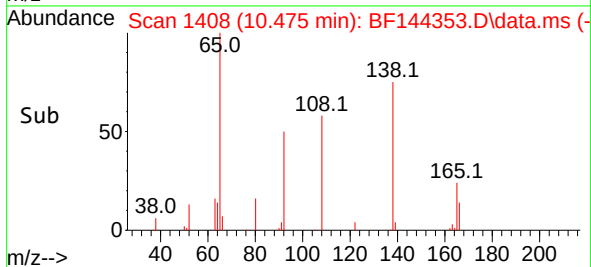
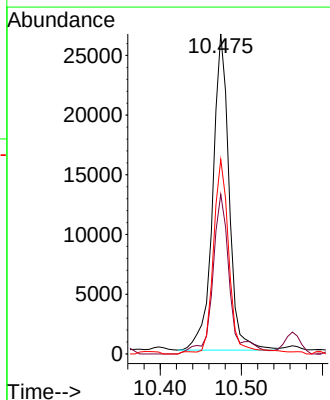
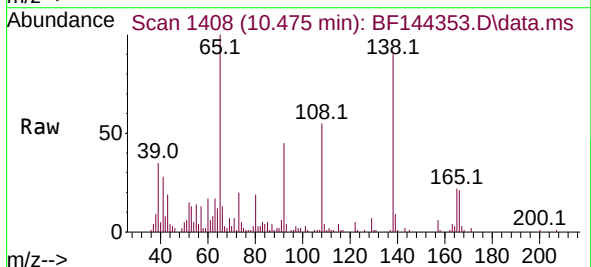
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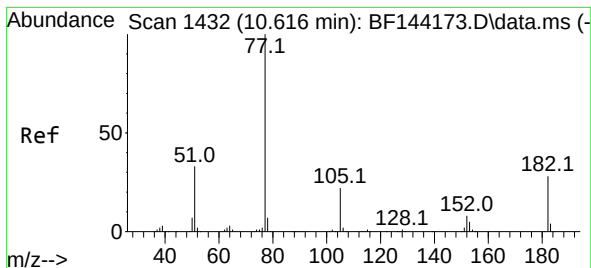
11/27/2025



#62
4-Nitroaniline
Concen: 26.840 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Tgt Ion:138 Resp: 37171
Ion Ratio Lower Upper
138 100
92 49.9 29.4 69.4
108 60.8 46.4 86.4





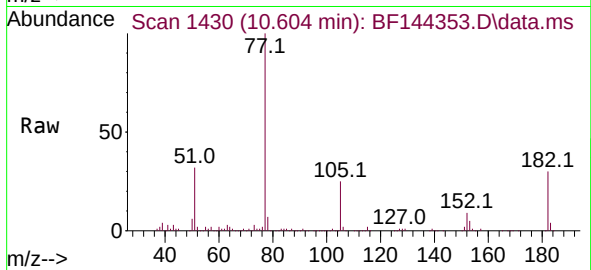
#63
Azobenzene
Concen: 42.643 ng
RT: 10.604 min Scan# 1432
Delta R.T. -0.012 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 77 Resp: 240425
Ion Ratio Lower Upper
77 100
182 29.9 8.1 48.1
105 24.7 2.0 42.0
51 31.9 13.9 53.9

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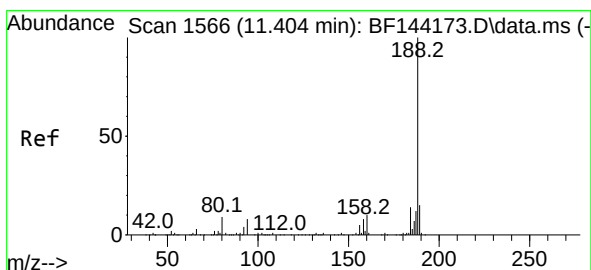
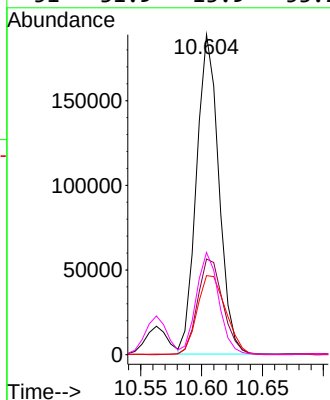
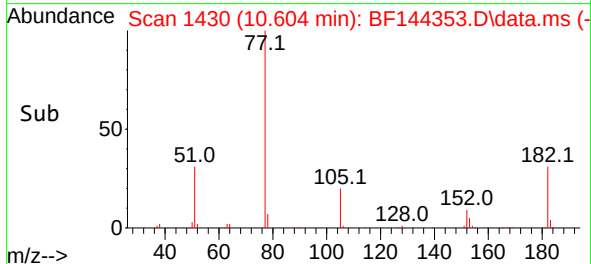
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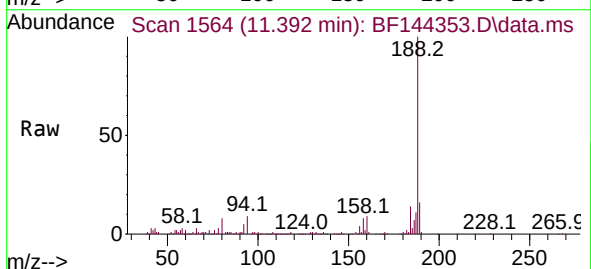
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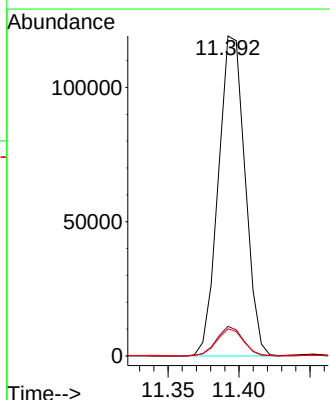
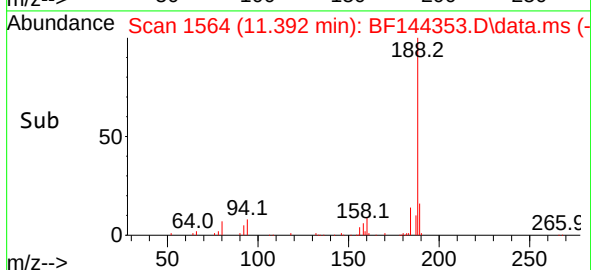
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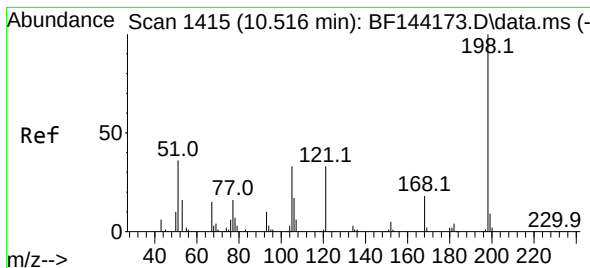


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1564
Delta R.T. -0.012 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45



Tgt Ion:188 Resp: 155991
Ion Ratio Lower Upper
188 100
94 9.2 6.2 9.2
80 8.5 6.9 10.3





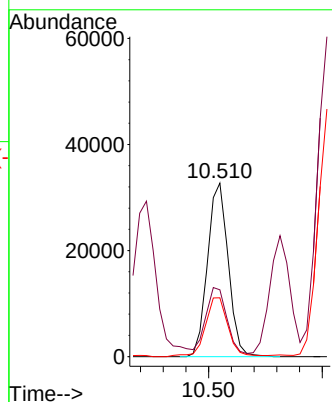
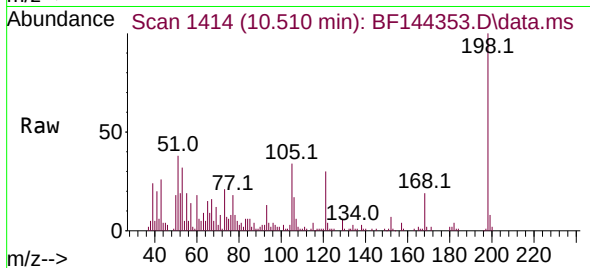
#65
4,6-Dinitro-2-methylphenol
Concen: 39.097 ng
RT: 10.510 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Instrument :
BNA_F
ClientSampleId :
EFF-WWMS

Tgt Ion:198 Resp: 41431
Ion Ratio Lower Upper
198 100
51 38.5 25.6 65.6
105 33.9 14.6 54.6

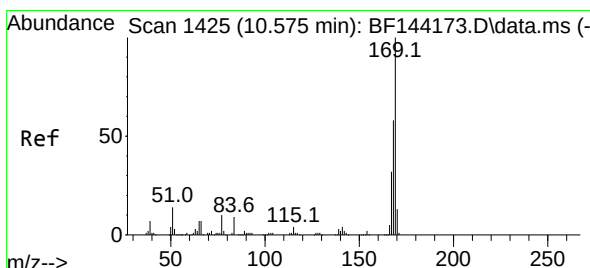
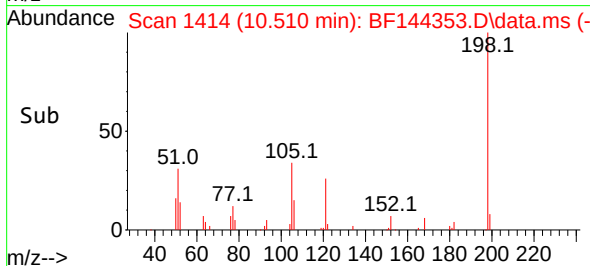
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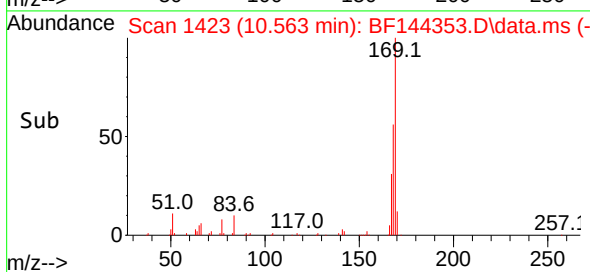
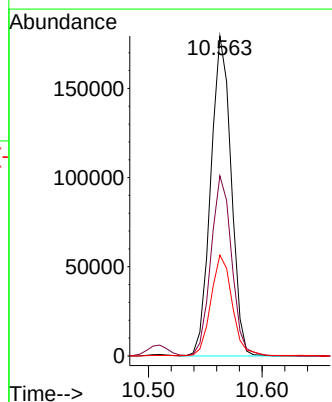
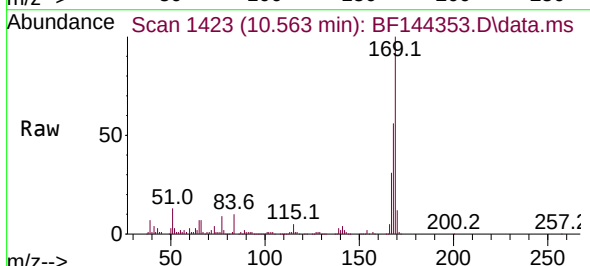
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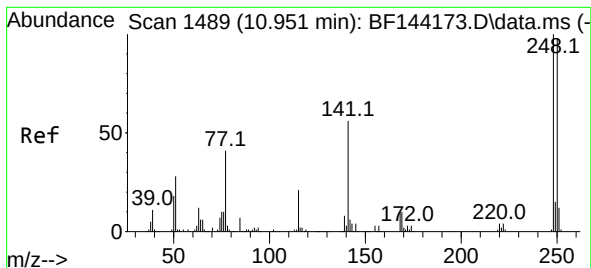
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#66
n-Nitrosodiphenylamine
Concen: 44.555 ng
RT: 10.563 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

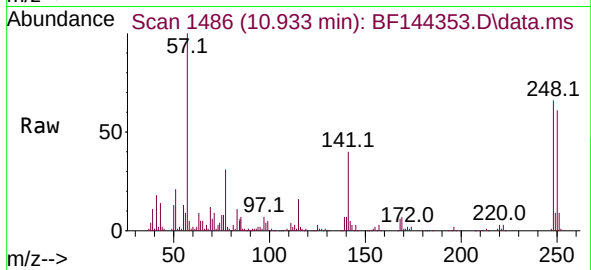
Tgt Ion:169 Resp: 223535
Ion Ratio Lower Upper
169 100
168 56.3 46.2 69.2
167 31.5 25.7 38.5





#67
4-Bromophenyl-phenylether
Concen: 39.748 ng
RT: 10.933 min Scan# 1486
Delta R.T. -0.012 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Instrument :
BNA_F
ClientSampleId :
EFF-WWMS



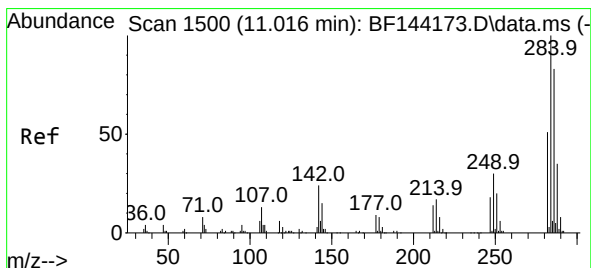
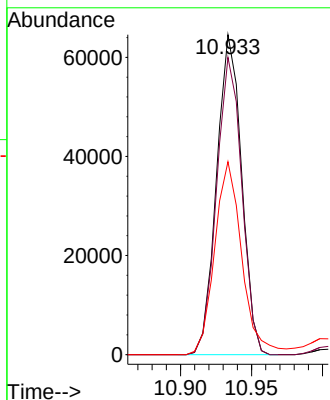
Tgt Ion:248 Resp: 79142
Ion Ratio Lower Upper
248 100
250 92.9 78.4 117.6
141 60.3 45.1 67.7

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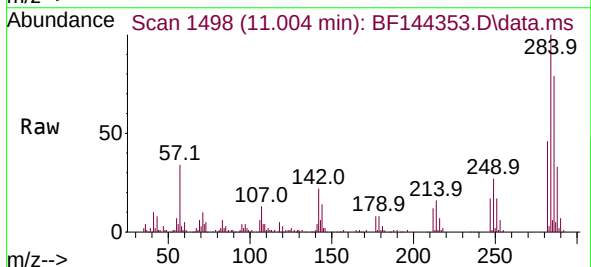
Reviewed By :Jagrut Upadhyay 11/26/2025
Supervised By :mohammad ahmed 11/27/2025

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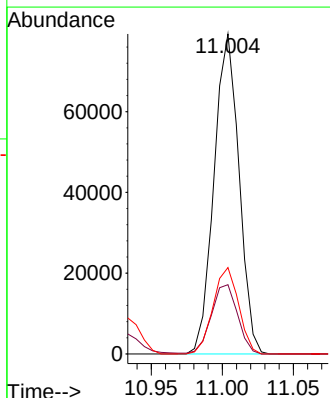
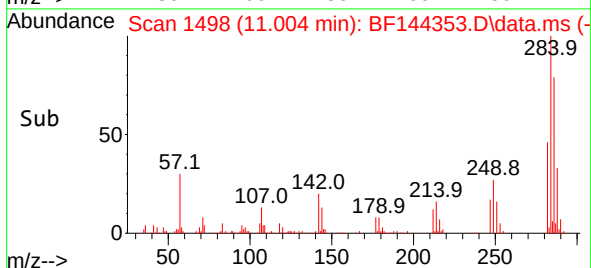
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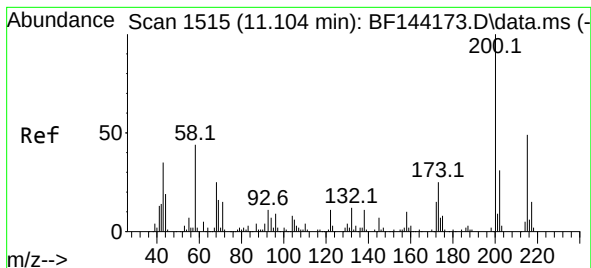


#68
Hexachlorobenzene
Concen: 41.405 ng
RT: 11.004 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45



Tgt Ion:284 Resp: 97105
Ion Ratio Lower Upper
284 100
142 21.6 19.2 28.8
249 27.0 23.8 35.8





#69

Atrazine

Concen: 9.473 ng

RT: 11.104 min Scan# 1515

Delta R.T. 0.006 min

Lab File: BF144353.D

Acq: 25 Nov 2025 16:45

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS

Tgt Ion:200	Resp:	15114
Ion Ratio	Lower	Upper
200	100	
173	23.6	5.0 45.0
215	41.4	28.7 68.7

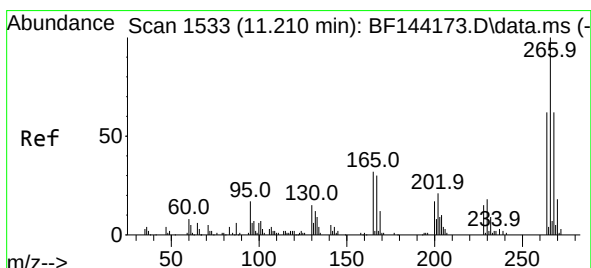
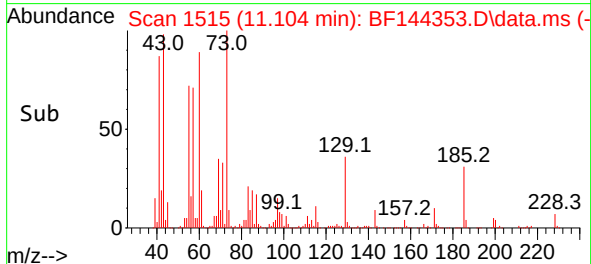
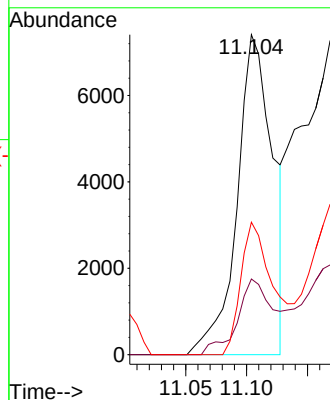
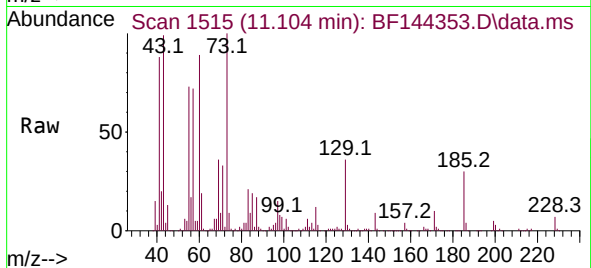
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#70

Pentachlorophenol

Concen: 89.955 ng

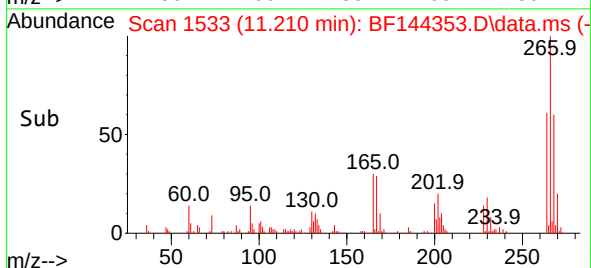
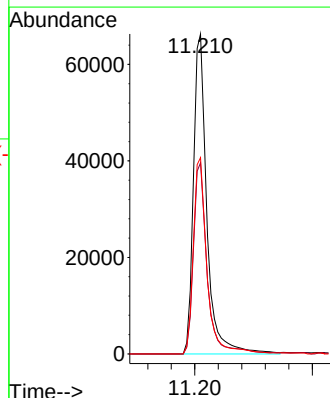
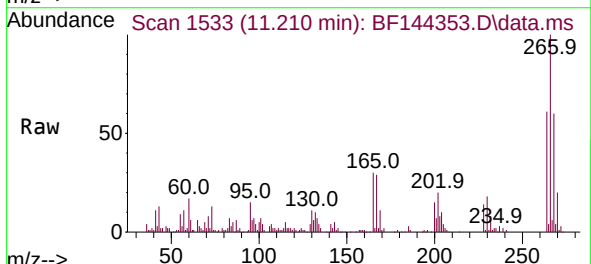
RT: 11.210 min Scan# 1533

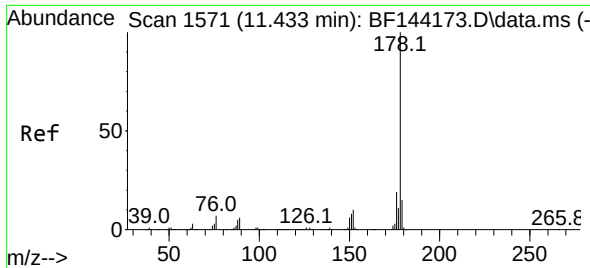
Delta R.T. -0.006 min

Lab File: BF144353.D

Acq: 25 Nov 2025 16:45

Tgt Ion:266	Resp:	105053
Ion Ratio	Lower	Upper
266	100	
268	59.7	49.5 74.3
264	61.3	49.4 74.2





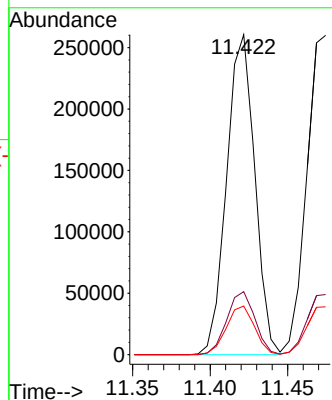
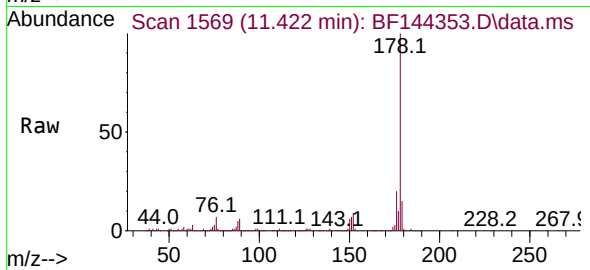
#71
Phenanthrene
Concen: 42.375 ng
RT: 11.422 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Instrument :
BNA_F
ClientSampleId :
EFF-WWMS

Tgt Ion:178 Resp: 329105
Ion Ratio Lower Upper
178 100
176 19.7 15.5 23.3
179 15.2 12.2 18.4

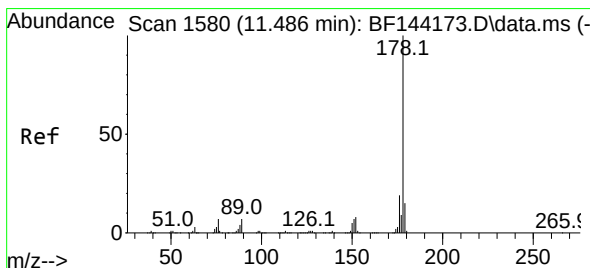
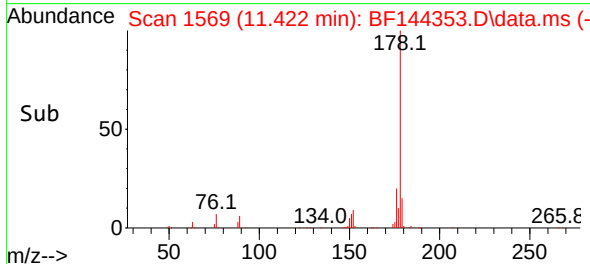
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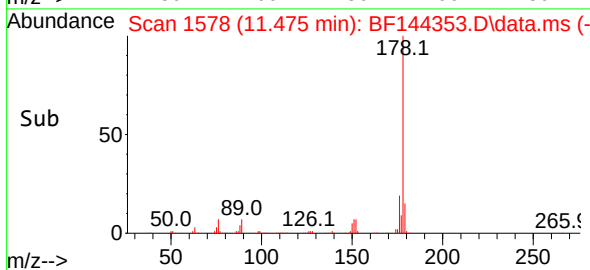
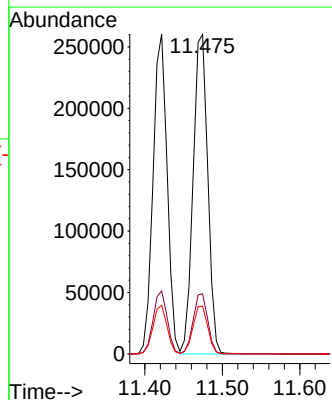
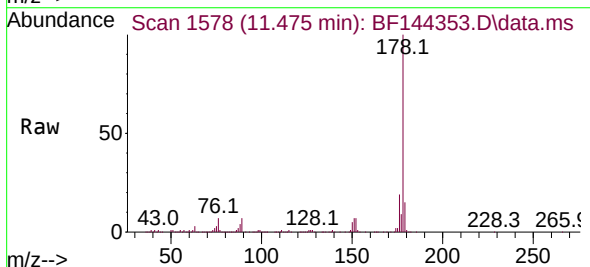
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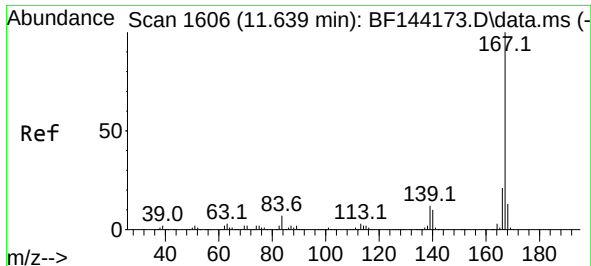
11/27/2025



#72
Anthracene
Concen: 43.231 ng
RT: 11.475 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

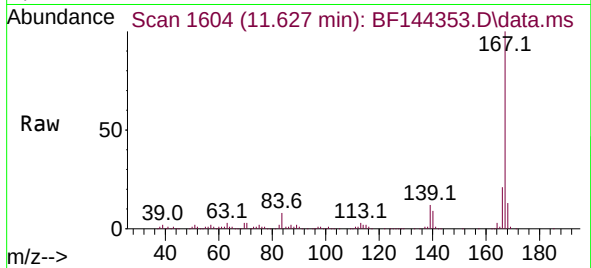
Tgt Ion:178 Resp: 341408
Ion Ratio Lower Upper
178 100
176 18.8 15.3 22.9
179 15.0 12.0 18.0





#73
 Carbazole
 Concen: 42.875 ng
 RT: 11.627 min Scan# 1604
 Delta R.T. -0.012 min
 Lab File: BF144353.D
 Acq: 25 Nov 2025 16:45

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WWMS



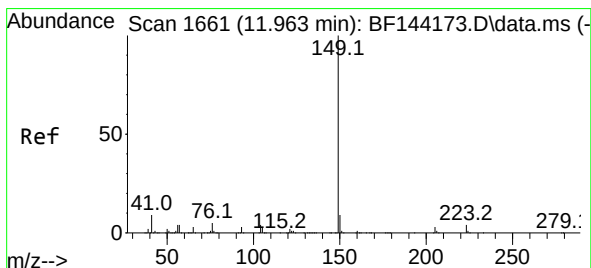
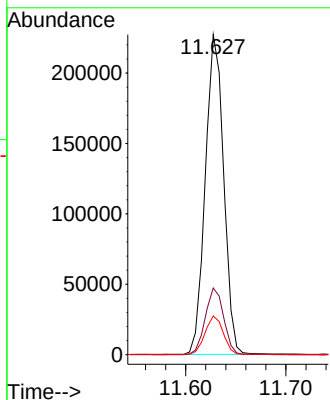
Tgt Ion:167 Resp: 287923
 Ion Ratio Lower Upper
 167 100
 166 20.8 17.2 25.8
 139 12.1 9.9 14.9

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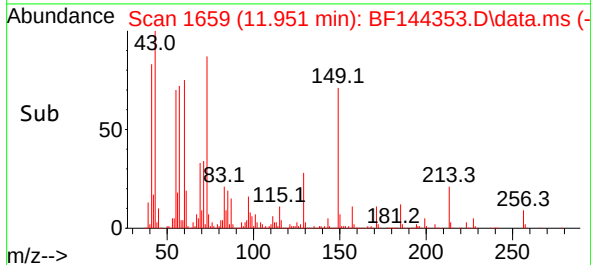
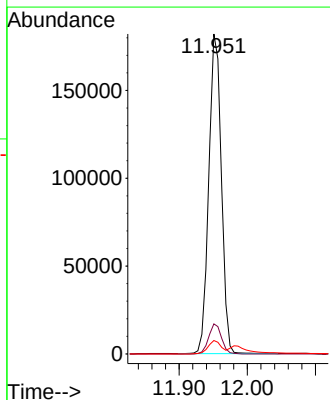
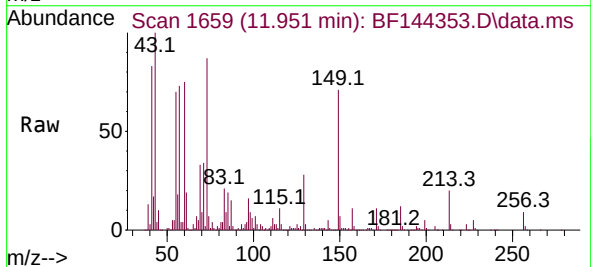
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 Supervised By :mohammad
 ahmed

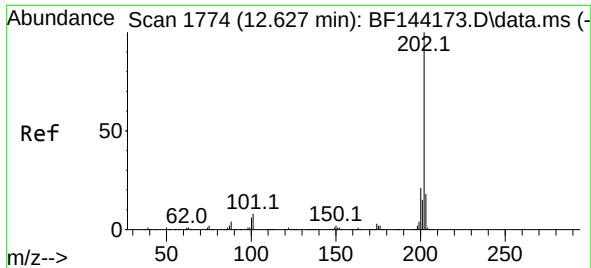
11/27/2025



#74
 Di-n-butylphthalate
 Concen: 28.677 ng
 RT: 11.951 min Scan# 1659
 Delta R.T. -0.012 min
 Lab File: BF144353.D
 Acq: 25 Nov 2025 16:45

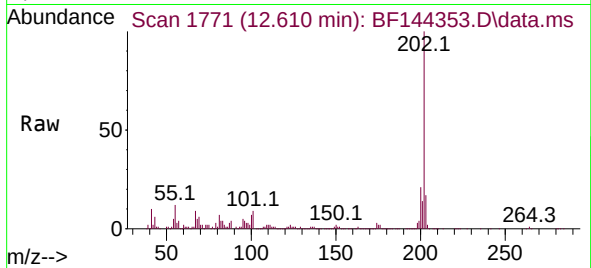
Tgt Ion:149 Resp: 232800
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.0
 104 4.2 3.4 5.2





#75
Fluoranthene
Concen: 40.786 ng
RT: 12.610 min Scan# 1774
Delta R.T. -0.012 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Instrument :
BNA_F
ClientSampleId :
EFF-WWMS



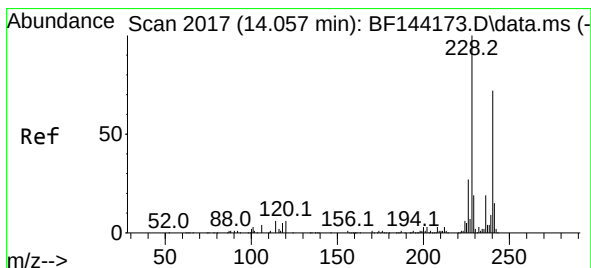
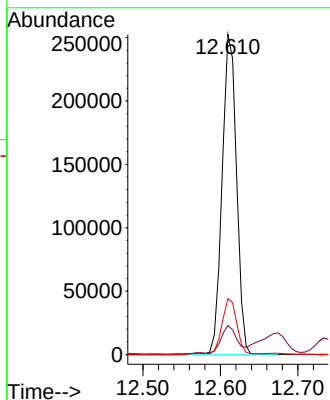
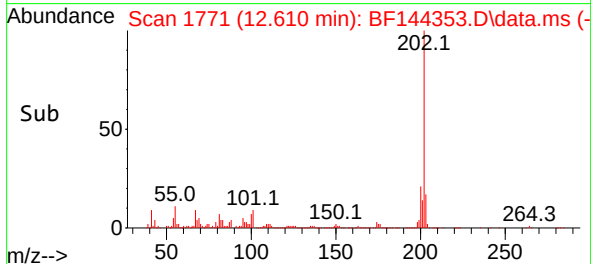
Tgt Ion:202 Resp: 327220
Ion Ratio Lower Upper
202 100
101 9.1 0.0 27.9
203 17.5 0.0 37.5

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Reviewed By :Jagrut Upadhyay 11/26/2025
Supervised By :mohammad ahmed 11/27/2025

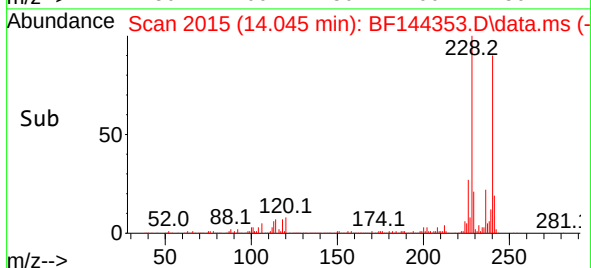
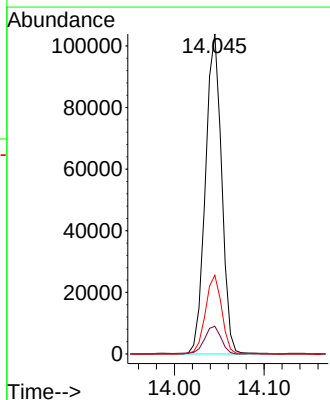
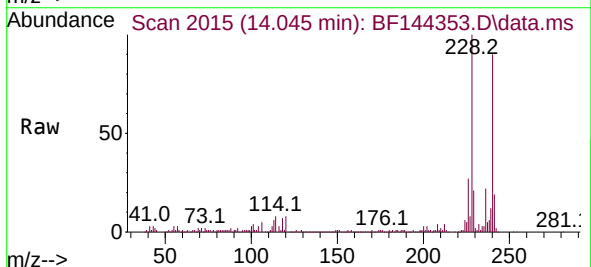
11/26/2025
Supervised By :mohammad
ahmed

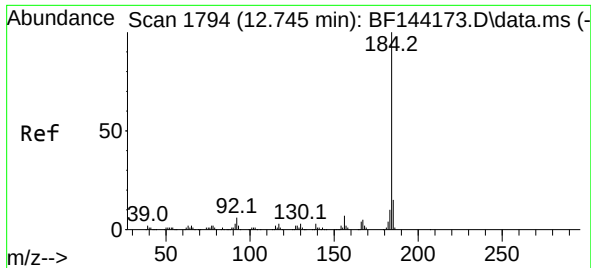
11/27/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Tgt Ion:240 Resp: 130434
Ion Ratio Lower Upper
240 100
120 8.6 6.6 10.0
236 24.6 21.4 32.2





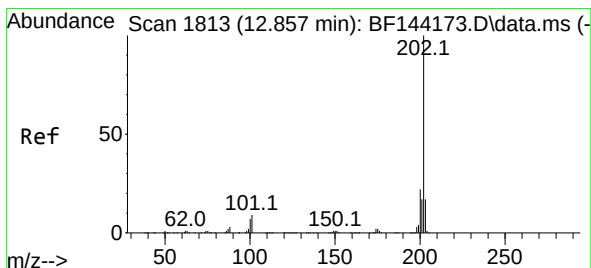
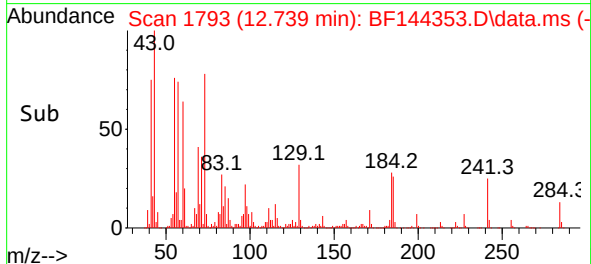
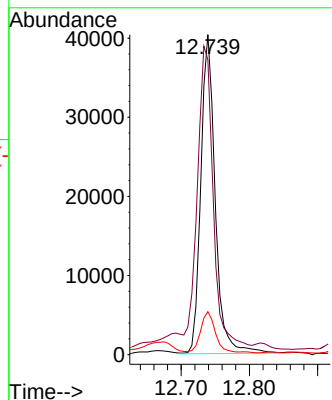
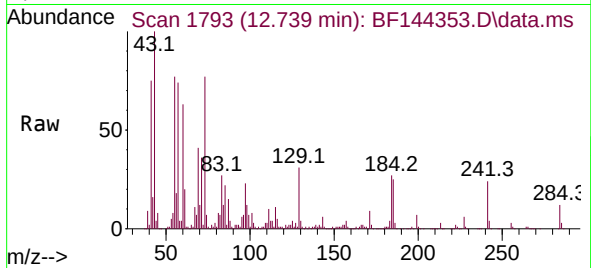
#77
Benzidine
Concen: 15.350 ng
RT: 12.739 min Scan# 1794
Delta R.T. -0.012 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Instrument :
BNA_F
ClientSampleId :
EFF-WWMS

Tgt Ion:184 Resp: 5922
Ion Ratio Lower Upper
184 100
185 92.1 11.7 17.5
183 13.4 8.3 12.5

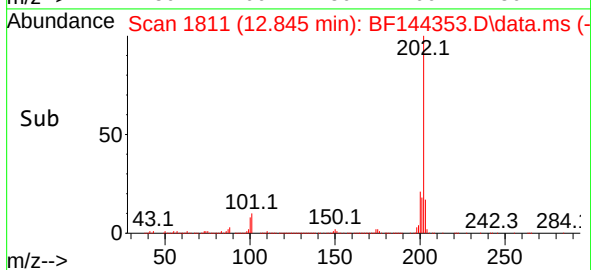
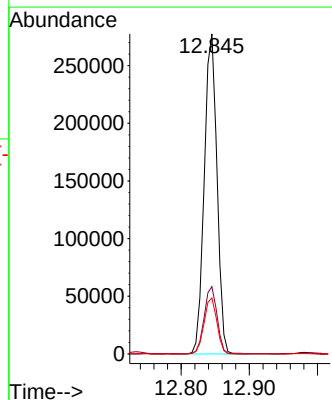
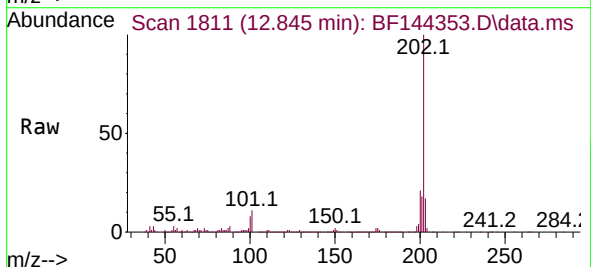
Manual Integrations
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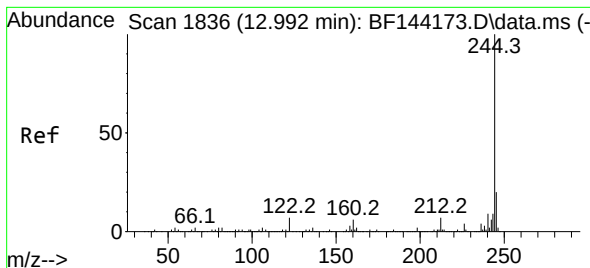
Reviewed By :Jagrut Upadhyay 11/26/2025
Supervised By :mohammad ahmed 11/27/2025



#78
Pyrene
Concen: 34.293 ng
RT: 12.845 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Tgt Ion:202 Resp: 360652
Ion Ratio Lower Upper
202 100
200 21.1 17.2 25.8
203 17.5 13.7 20.5





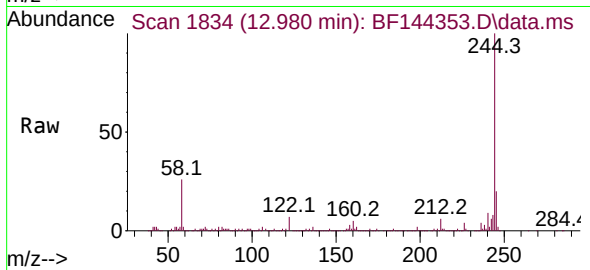
#79
Terphenyl-d14
Concen: 67.966 ng
RT: 12.980 min Scan# 1834
Delta R.T. -0.012 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS



Tgt Ion:244 Resp: 558112
Ion Ratio Lower Upper
244 100
212 6.1 5.3 7.9
122 7.2 5.6 8.4

Manual Integrations

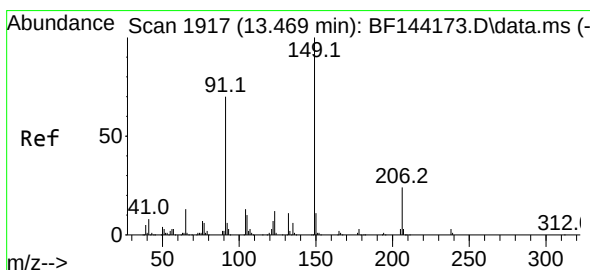
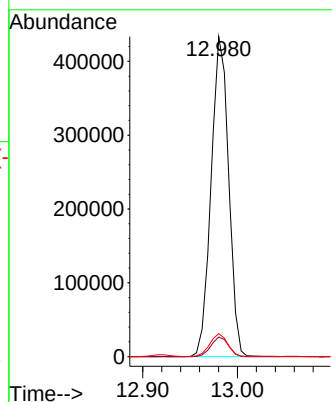
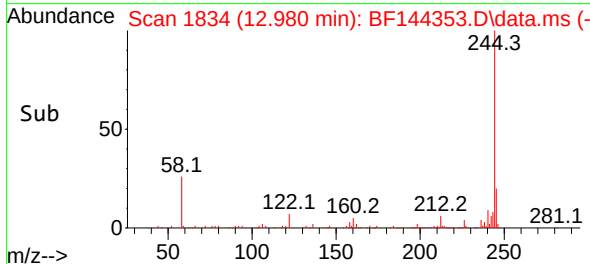
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Reviewed By :Jagrut Upadhyay 11/26/2025
Supervised By :mohammad ahmed 11/27/2025

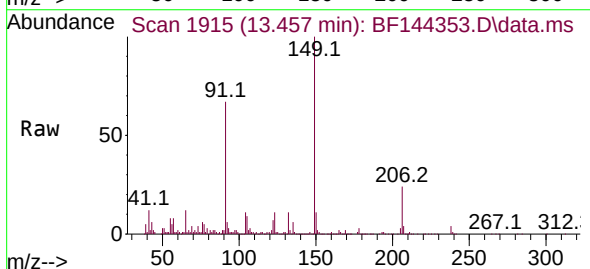
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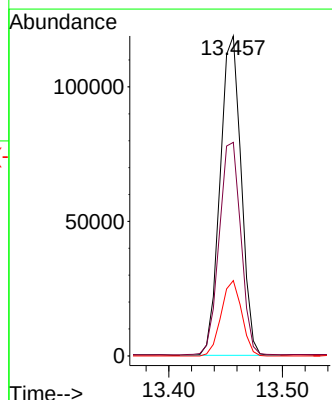
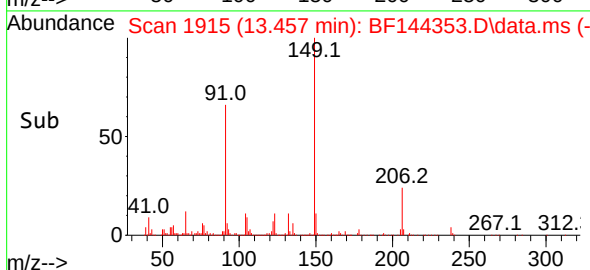
11/27/2025

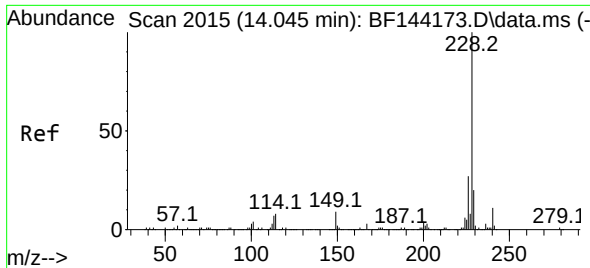


#80
Butylbenzylphthalate
Concen: 41.892 ng
RT: 13.457 min Scan# 1915
Delta R.T. -0.012 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45



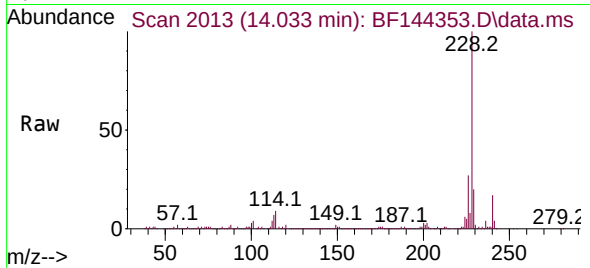
Tgt Ion:149 Resp: 152695
Ion Ratio Lower Upper
149 100
91 66.7 56.1 84.1
206 23.5 18.8 28.2





#81
Benzo(a)anthracene
Concen: 42.356 ng
RT: 14.033 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Instrument :
BNA_F
ClientSampleId :
EFF-WWMS



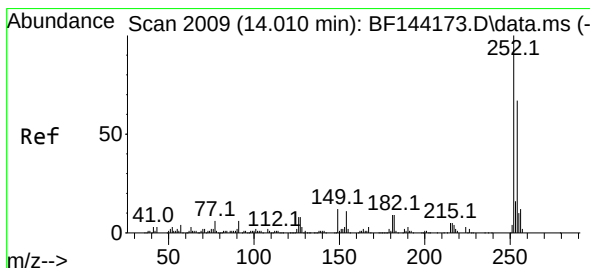
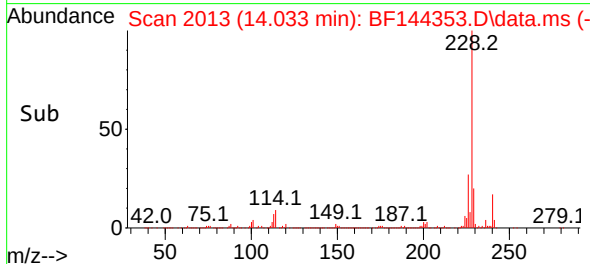
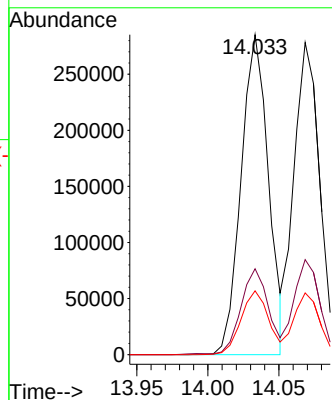
Tgt Ion:228 Resp: 382904
Ion Ratio Lower Upper
228 100
226 26.8 21.8 32.8
229 19.9 15.8 23.6

Manual Integrations
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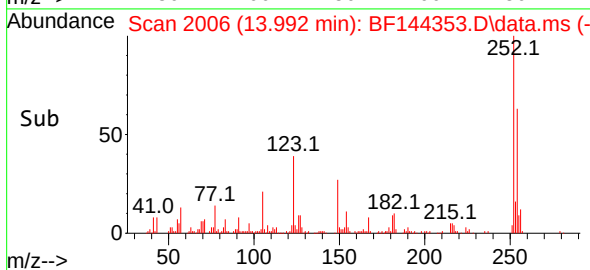
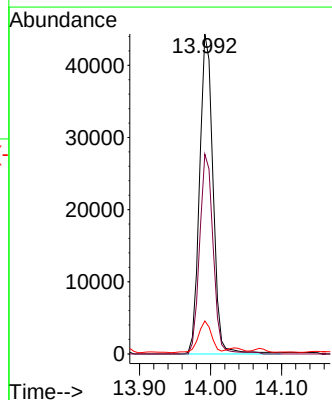
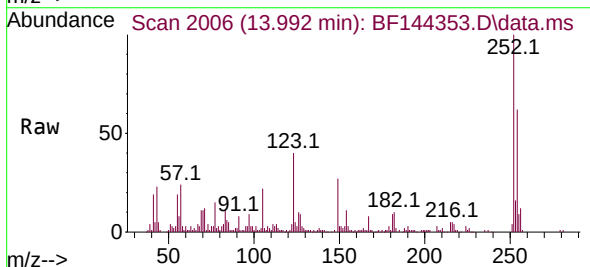
11/26/2025
Supervised By :mohammad
ahmed

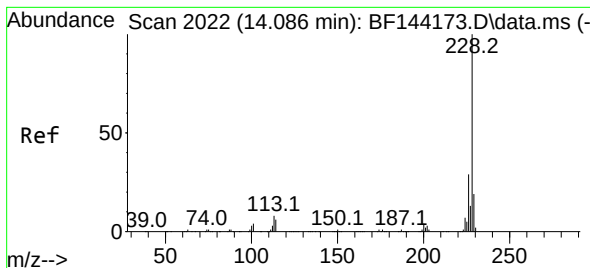
11/27/2025



#82
3,3'-Dichlorobenzidine
Concen: 18.769 ng
RT: 13.992 min Scan# 2006
Delta R.T. -0.018 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Tgt Ion:252 Resp: 58160
Ion Ratio Lower Upper
252 100
254 62.4 53.5 80.3
126 10.3 6.4 9.6#





#83

Chrysene

Concen: 42.088 ng

RT: 14.068 min Scan# 2009

Delta R.T. -0.012 min

Lab File: BF144353.D

Acq: 25 Nov 2025 16:45

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS

Tgt Ion:228 Resp: 351228
 Ion Ratio Lower Upper
 228 100
 226 30.4 22.9 34.3
 229 19.8 15.0 22.6

Manual Integrations

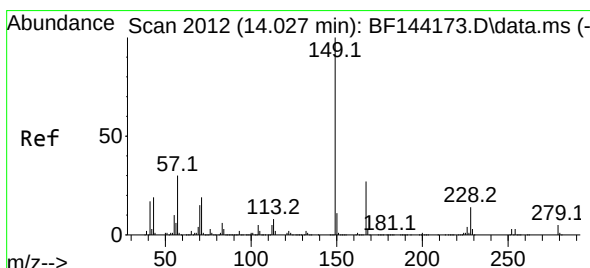
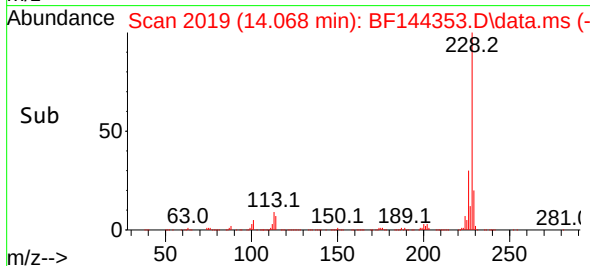
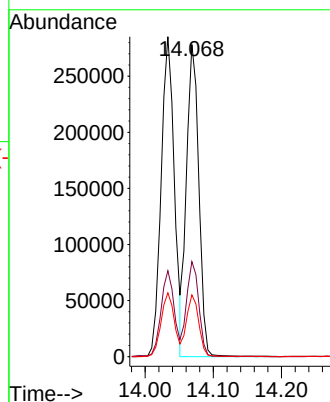
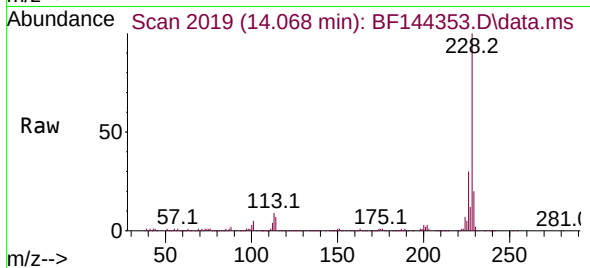
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 ahmed

11/27/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.933 ng

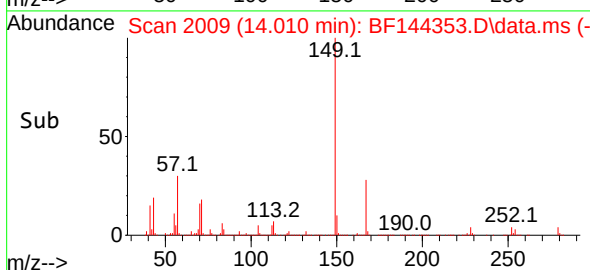
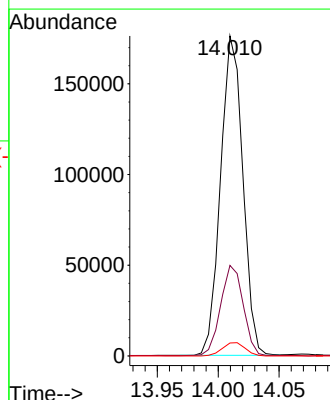
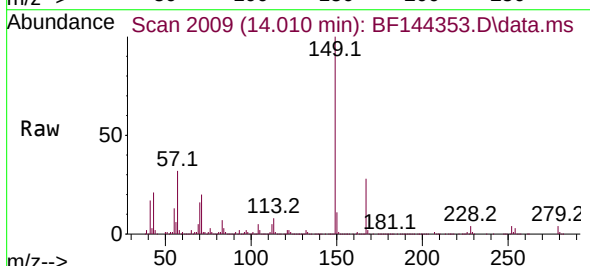
RT: 14.010 min Scan# 2009

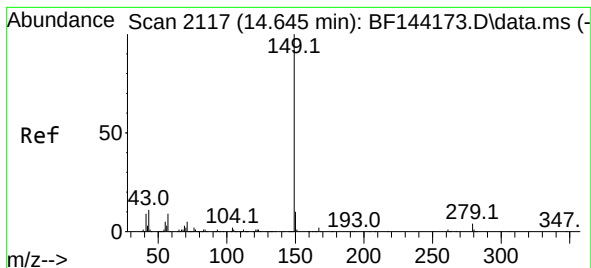
Delta R.T. -0.018 min

Lab File: BF144353.D

Acq: 25 Nov 2025 16:45

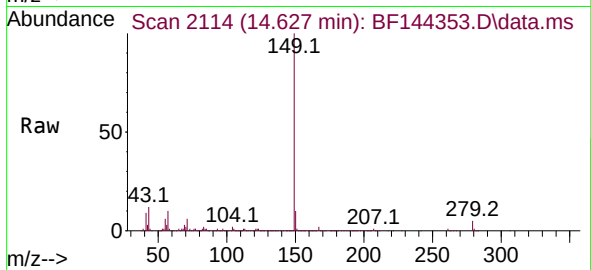
Tgt Ion:149 Resp: 224203
 Ion Ratio Lower Upper
 149 100
 167 28.3 21.8 32.8
 279 4.0 3.7 5.5





#85
Di-n-octyl phthalate
Concen: 47.009 ng
RT: 14.627 min Scan# 2114
Delta R.T. -0.018 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Instrument :
BNA_F
ClientSampleId :
EFF-WWMS



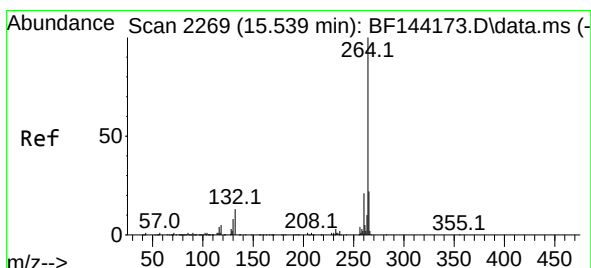
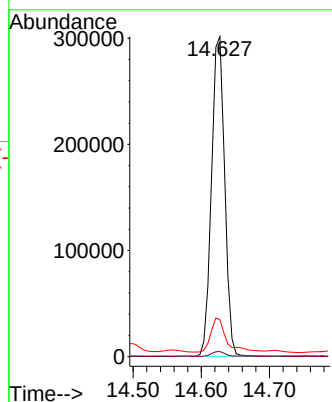
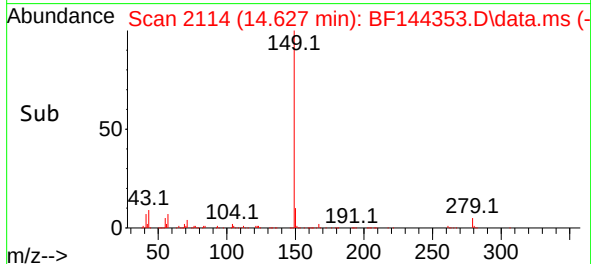
Tgt Ion:149 Resp: 404704
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 12.5 9.0 13.4

Manual Integrations
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Supervised By :mohammad ahmed 11/27/2025

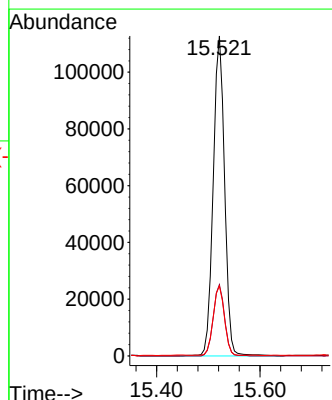
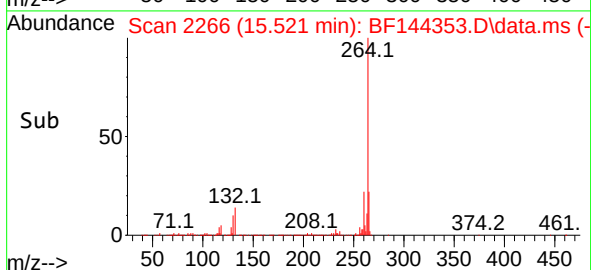
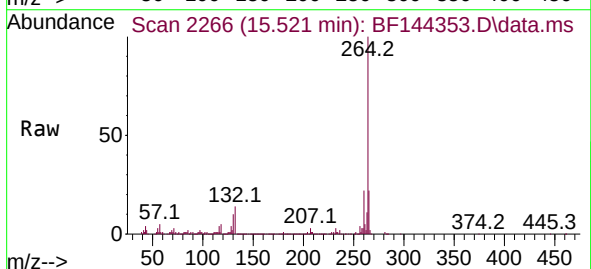
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ahmed

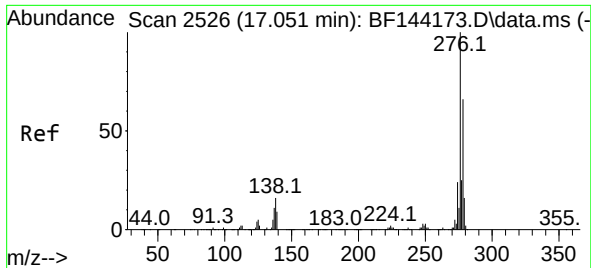
11/27/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2266
Delta R.T. -0.018 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

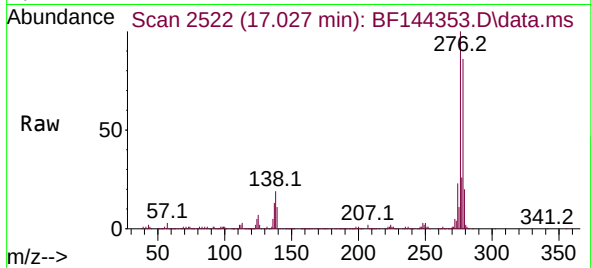
Tgt Ion:264 Resp: 172449
Ion Ratio Lower Upper
264 100
260 22.3 17.1 25.7
265 21.9 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 40.541 ng
RT: 17.027 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Instrument :
BNA_F
ClientSampleId :
EFF-WWMS



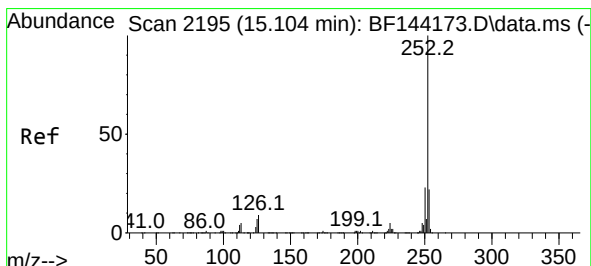
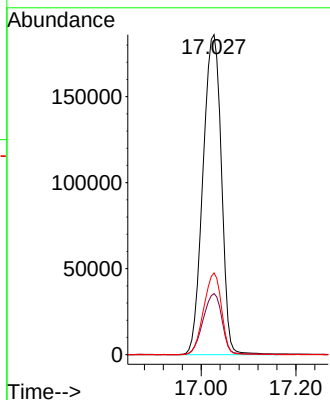
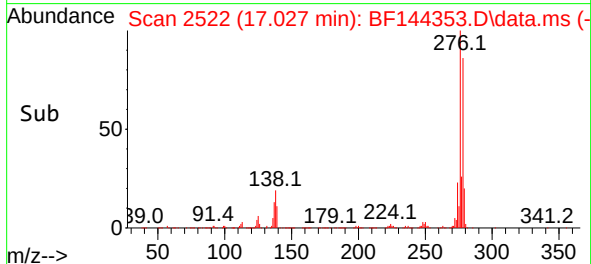
Tgt Ion:276 Resp: 501862
Ion Ratio Lower Upper
276 100
138 19.7 13.9 20.9
277 24.7 19.8 29.6

Manual Integrations
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Supervised By :mohammad ahmed 11/27/2025

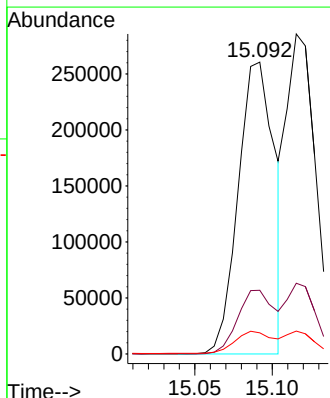
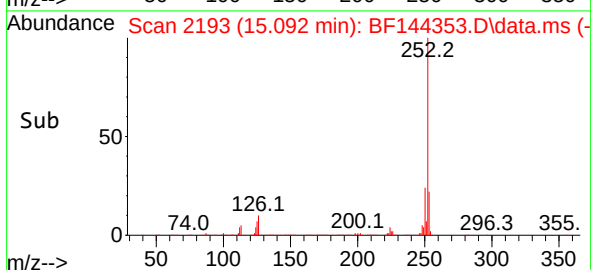
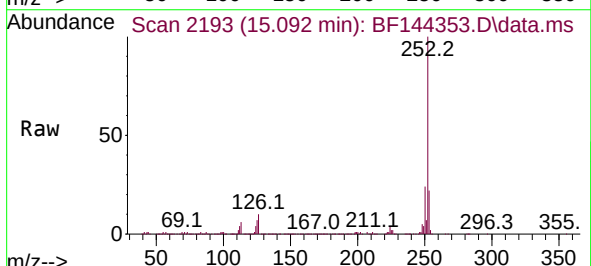
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ahmed

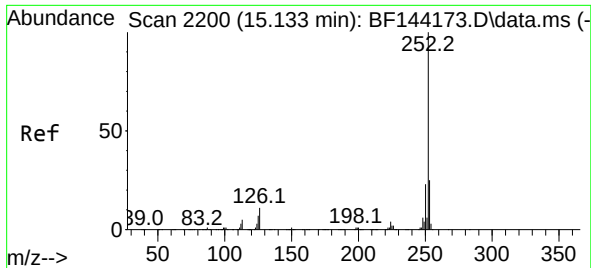
11/27/2025



#88
Benzo(b)fluoranthene
Concen: 43.313 ng
RT: 15.092 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Tgt Ion:252 Resp: 424646
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 7.2 5.3 7.9





#89
Benzo(k)fluoranthene
Concen: 40.920 ng
RT: 15.115 min Scan# 2115
Delta R.T. -0.012 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS

Tgt Ion:252 Resp: 375509
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 7.1 5.4 8.2

Manual Integrations

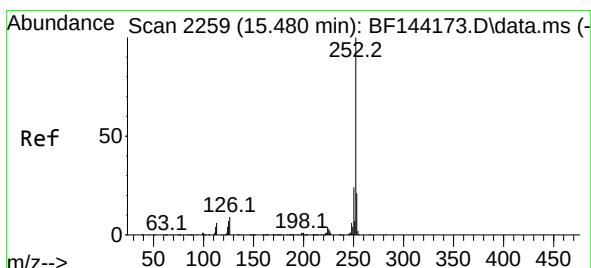
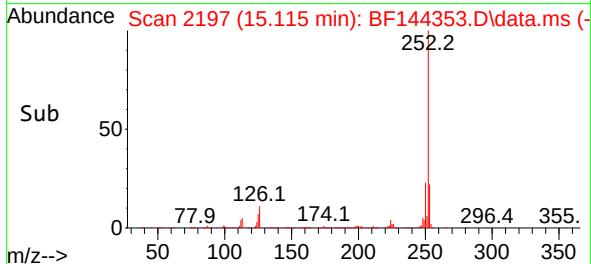
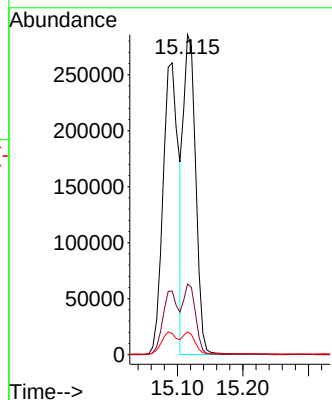
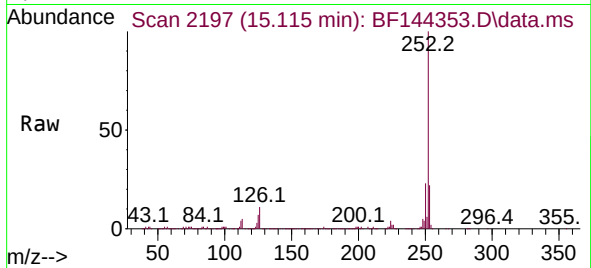
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Supervised By :mohammad ahmed 11/27/2025

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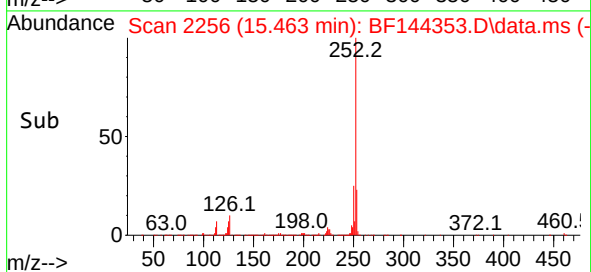
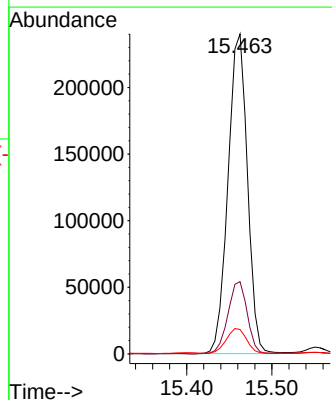
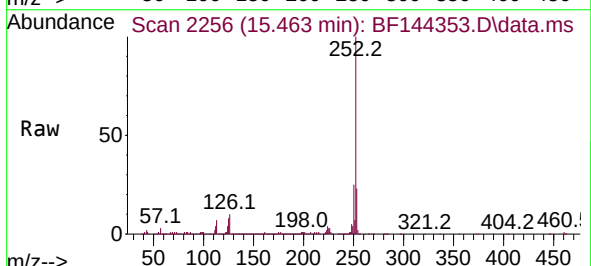
Supervised By :mohammad
ahmed

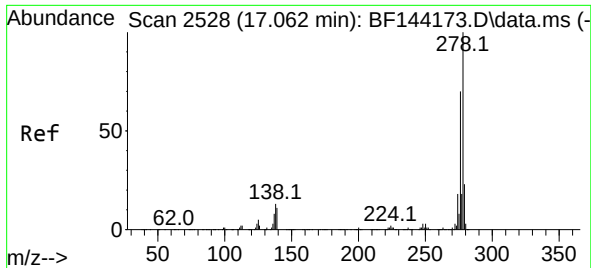
11/27/2025



#90
Benzo(a)pyrene
Concen: 41.932 ng
RT: 15.463 min Scan# 2256
Delta R.T. -0.012 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Tgt Ion:252 Resp: 379258
Ion Ratio Lower Upper
252 100
253 22.6 16.7 25.1
125 7.6 5.7 8.5





#91
Dibenzo(a,h)anthracene
Concen: 40.154 ng
RT: 17.039 min Scan# 2524
Delta R.T. -0.012 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS

Tgt Ion:278 Resp: 399195
Ion Ratio Lower Upper
278 100
139 12.1 9.1 13.7
279 23.9 18.2 27.4

Manual Integrations

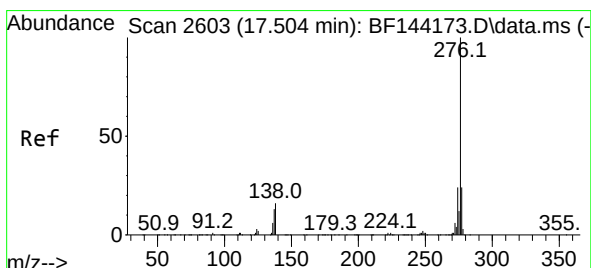
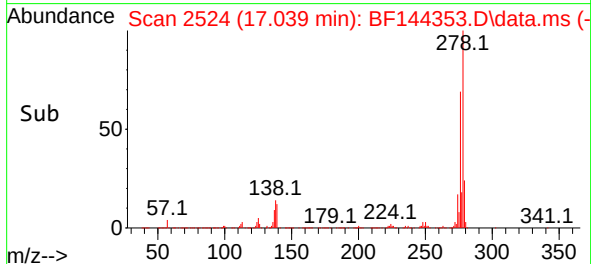
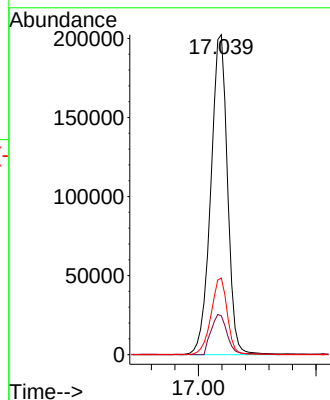
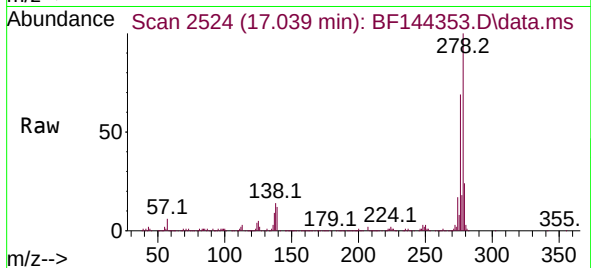
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Supervised By :mohammad ahmed 11/27/2025

11/26/2025

Supervised By :mohammad
ahmed

11/27/2025



#92
Benzo(g,h,i)perylene
Concen: 42.108 ng
RT: 17.480 min Scan# 2599
Delta R.T. -0.012 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Tgt Ion:276 Resp: 413399
Ion Ratio Lower Upper
276 100
277 23.8 19.0 28.4
138 17.2 12.9 19.3

