

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093025\
 Data File : BF143840.D
 Acq On : 30 Sep 2025 18:35
 Operator : RC/JU
 Sample : Q3179-03MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EME-TS14-01MSD

Quant Time: Sep 30 18:56:34 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 05:00:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	143255	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	544706	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	295782	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	495559	20.000	ng	0.00
76) Chrysene-d12	14.057	240	427552	20.000	ng	0.00
86) Perylene-d12	15.533	264	608800	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	542961	61.579	ng	0.00
7) Phenol-d6	6.498	99	426251	41.839	ng	-0.01
23) Nitrobenzene-d5	7.445	82	844589	94.911	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	570185	130.193	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1646395	86.861	ng	0.00
79) Terphenyl-d14	12.998	244	2364696	112.482	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.675	88	81739	19.368	ng	96
3) Pyridine	3.440	79	218305	19.163	ng	92
4) n-Nitrosodimethylamine	3.375	42	107636	18.843	ng	# 77
6) Aniline	6.545	93	401567	27.158	ng	98
8) 2-Chlorophenol	6.669	128	353008	39.107	ng	98
9) Benzaldehyde	6.434	77	270982	30.374	ng	98
10) Phenol	6.516	94	207399	17.514	ng	97
11) bis(2-Chloroethyl)ether	6.616	93	423717	45.647	ng	100
12) 1,3-Dichlorobenzene	6.828	146	430642	41.090	ng	98
13) 1,4-Dichlorobenzene	6.904	146	438176	41.894	ng	99
14) 1,2-Dichlorobenzene	7.057	146	428144	43.221	ng	99
15) Benzyl Alcohol	7.022	79	276505	37.562	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	870646	39.555	ng	96
17) 2-Methylphenol	7.134	107	242668	34.724	ng	98
18) Hexachloroethane	7.398	117	146089	39.717	ng	96
19) n-Nitroso-di-n-propyla...	7.298	70	324788	49.576	ng	89
20) 3+4-Methylphenols	7.281	107	264001	31.021	ng	# 81
22) Acetophenone	7.292	105	636130	53.171	ng	93
24) Nitrobenzene	7.469	77	477795	48.440	ng	96
25) Isophorone	7.704	82	883911	50.973	ng	99
26) 2-Nitrophenol	7.781	139	220979	54.198	ng	95
27) 2,4-Dimethylphenol	7.816	122	373310	48.165	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	552615	49.051	ng	99
29) 2,4-Dichlorophenol	8.022	162	356046	46.686	ng	100
30) 1,2,4-Trichlorobenzene	8.110	180	376995	47.633	ng	99
31) Naphthalene	8.192	128	1176459	45.117	ng	100
32) Benzoic acid	7.892	122	90049	24.080	ng	95
33) 4-Chloroaniline	8.233	127	297985	32.519	ng	99
34) Hexachlorobutadiene	8.310	225	263834	44.717	ng	100
35) Caprolactam	8.598	113	23237	11.921	ng	# 85
36) 4-Chloro-3-methylphenol	8.710	107	328214	45.887	ng	99
37) 2-Methylnaphthalene	8.880	142	740720	44.549	ng	98
38) 1-Methylnaphthalene	8.980	142	758935	47.687	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	453169	50.768	ng	99
41) Hexachlorocyclopentadiene	9.033	237	639570	113.055	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	288748	51.661	ng	99

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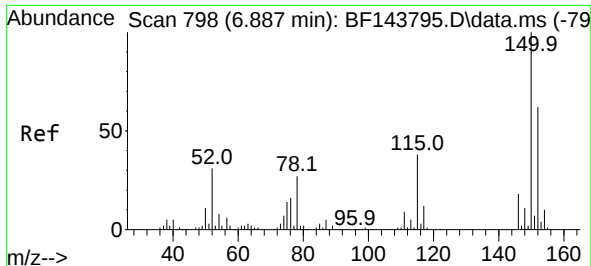
Quant Time: Sep 30 18:56:34 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	292296	49.997	ng	99
46) 1,1'-Biphenyl	9.345	154	1073808	50.153	ng	99
47) 2-Chloronaphthalene	9.375	162	790250	45.852	ng	99
48) 2-Nitroaniline	9.463	65	322921	61.993	ng	99
49) Acenaphthylene	9.786	152	1293376	54.513	ng	99
50) Dimethylphthalate	9.645	163	939267	52.101	ng	99
51) 2,6-Dinitrotoluene	9.710	165	206353	69.667	ng	90
52) Acenaphthene	9.963	154	812486	52.038	ng	99
53) 3-Nitroaniline	9.875	138	154670	43.080	ng	98
54) 2,4-Dinitrophenol	9.980	184	177900	112.202	ng	# 22
55) Dibenzofuran	10.133	168	1096972	49.685	ng	99
56) 4-Nitrophenol	10.027	139	110855	38.316	ng	91
57) 2,4-Dinitrotoluene	10.110	165	272876	61.212	ng	95
58) Fluorene	10.475	166	836993	50.994	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	318686	63.631	ng	94
60) Diethylphthalate	10.345	149	881630	52.242	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	432597	51.726	ng	94
62) 4-Nitroaniline	10.492	138	201378	59.653	ng	96
63) Azobenzene	10.627	77	916316	51.521	ng	96
65) 4,6-Dinitro-2-methylph...	10.516	198	128926	64.652	ng	85
66) n-Nitrosodiphenylamine	10.586	169	811250	49.778	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	460521	54.531	ng	97
68) Hexachlorobenzene	11.022	284	656128	56.377	ng	98
69) Atrazine	11.110	200	259448	54.975	ng	98
70) Pentachlorophenol	11.216	266	679436	117.281	ng	100
71) Phenanthrene	11.439	178	1247011	49.014	ng	100
72) Anthracene	11.492	178	1267883	49.682	ng	99
73) Carbazole	11.645	167	1102440	49.408	ng	99
74) Di-n-butylphthalate	11.974	149	1287218	50.161	ng	100
75) Fluoranthene	12.627	202	1276355	49.879	ng	99
77) Benzidine	12.751	184	265152	25.450	ng	99
78) Pyrene	12.857	202	1273365	60.578	ng	99
80) Butylbenzylphthalate	13.474	149	411811	56.626	ng	97
81) Benzo(a)anthracene	14.045	228	1154327	50.256	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	412972	41.502	ng	98
83) Chrysene	14.086	228	1092366	52.559	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	482590	45.272	ng	99
85) Di-n-octyl phthalate	14.651	149	773621	40.009	ng	94
87) Indeno(1,2,3-cd)pyrene	17.039	276	2528473	54.738	ng	98
88) Benzo(b)fluoranthene	15.104	252	1587051	51.190	ng	100
89) Benzo(k)fluoranthene	15.133	252	1582239	50.798	ng	99
90) Benzo(a)pyrene	15.474	252	1574313	54.021	ng	100
91) Dibenzo(a,h)anthracene	17.056	278	2073724	54.888	ng	99
92) Benzo(g,h,i)perylene	17.492	276	2077796	57.051	ng	98

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

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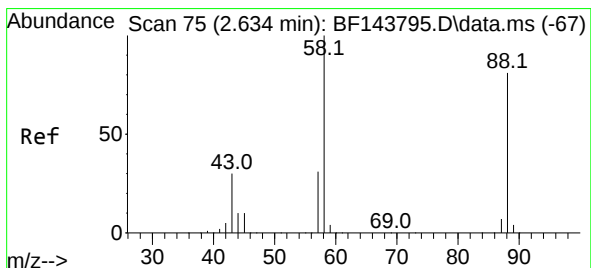
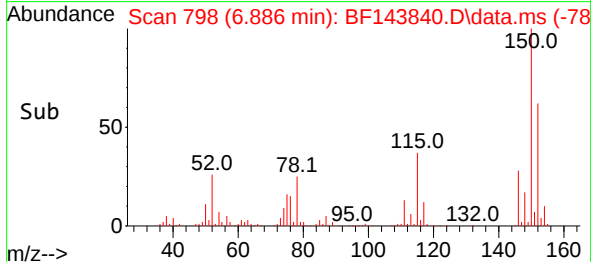
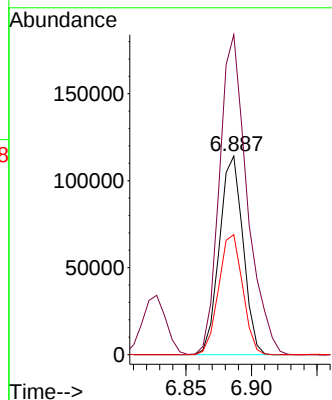
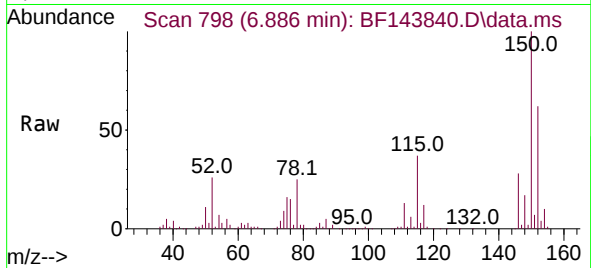




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.886 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BF143840.D
 Acq: 30 Sep 2025 18:35

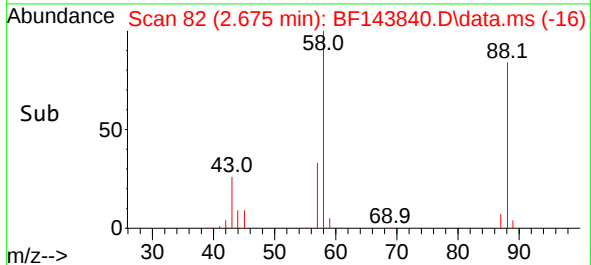
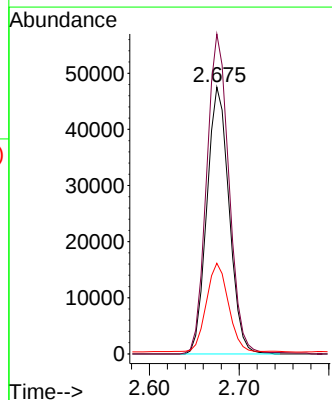
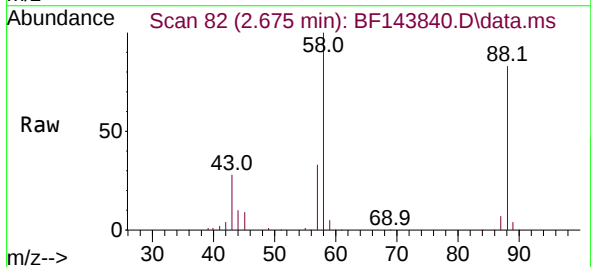
Instrument :
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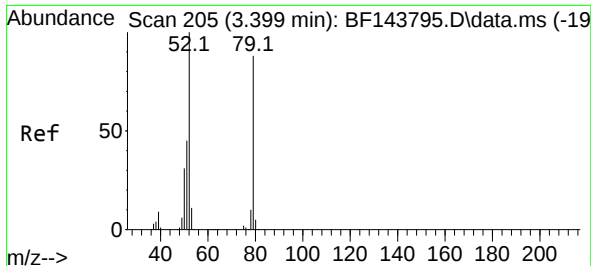
Tgt Ion:152 Resp: 143255
 Ion Ratio Lower Upper
 152 100
 150 161.2 129.6 194.4
 115 60.4 49.0 73.4



#2
 1,4-Dioxane
 Concen: 19.368 ng
 RT: 2.675 min Scan# 82
 Delta R.T. 0.041 min
 Lab File: BF143840.D
 Acq: 30 Sep 2025 18:35

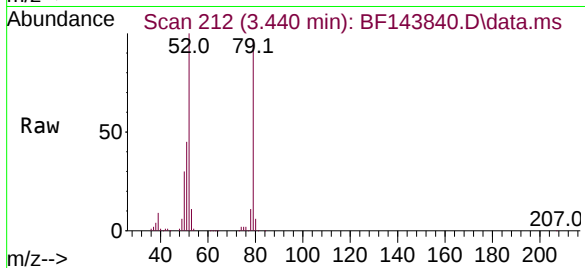
Tgt Ion: 88 Resp: 81739
 Ion Ratio Lower Upper
 88 100
 58 121.0 99.4 149.2
 43 33.2 30.6 45.8



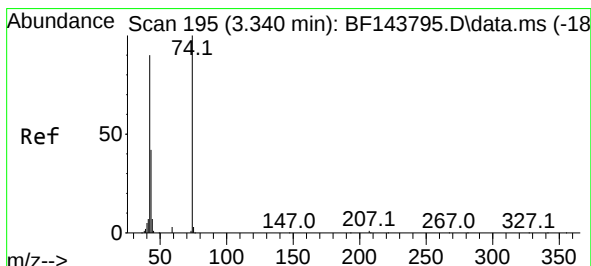
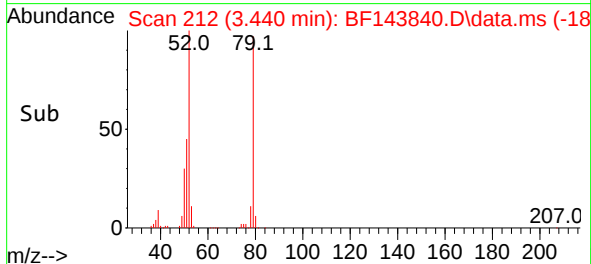
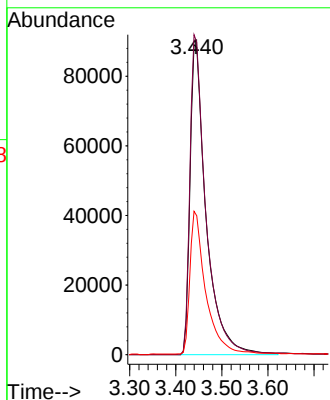


#3
Pyridine
Concen: 19.163 ng
RT: 3.440 min Scan# 21
Delta R.T. 0.041 min
Lab File: BF143840.D
Acq: 30 Sep 2025 18:35

Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

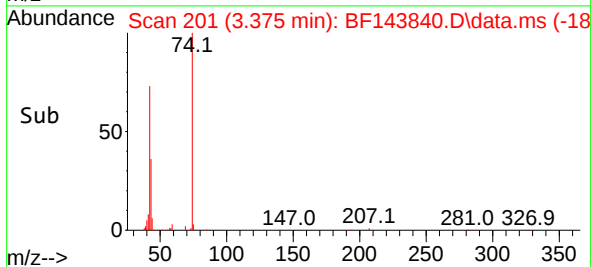
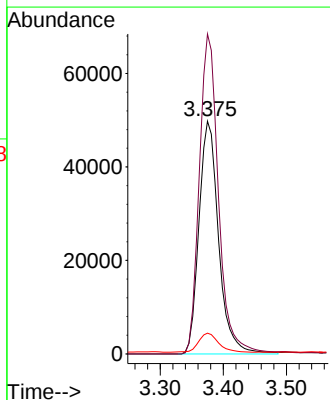
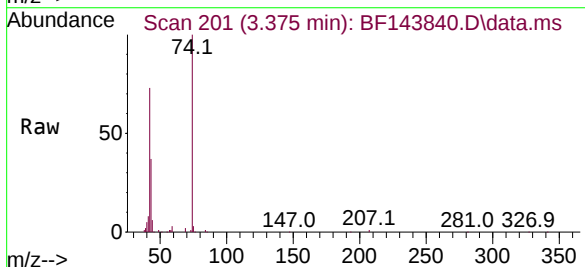


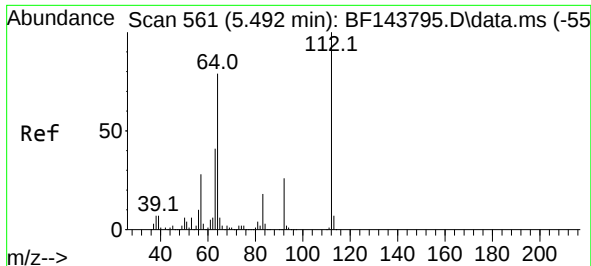
Tgt Ion: 79 Resp: 218305
Ion Ratio Lower Upper
79 100
52 103.3 90.5 135.7
51 46.2 40.6 61.0



#4
n-Nitrosodimethylamine
Concen: 18.843 ng
RT: 3.375 min Scan# 201
Delta R.T. 0.018 min
Lab File: BF143840.D
Acq: 30 Sep 2025 18:35

Tgt Ion: 42 Resp: 107636
Ion Ratio Lower Upper
42 100
74 137.5 89.1 133.7#
44 8.9 6.4 9.6

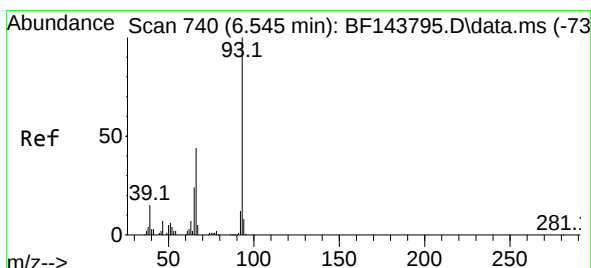
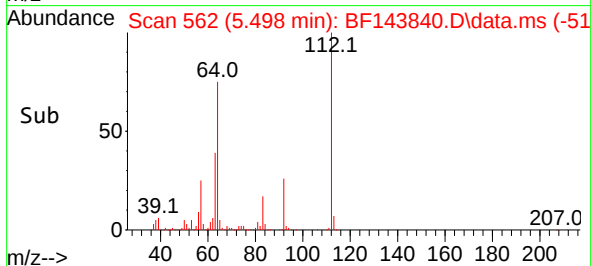
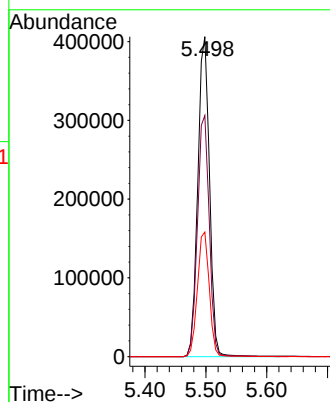
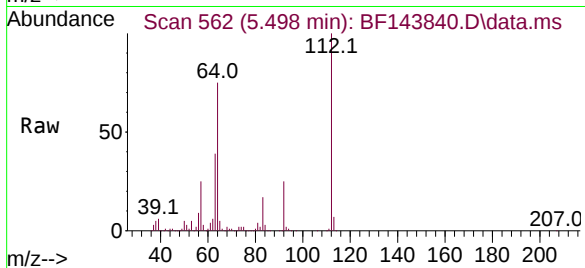




#5
2-Fluorophenol
Concen: 61.579 ng
RT: 5.498 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF143840.D
Acq: 30 Sep 2025 18:35

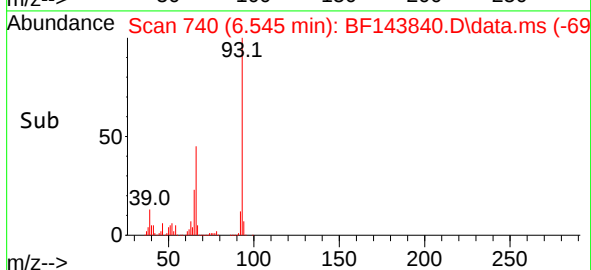
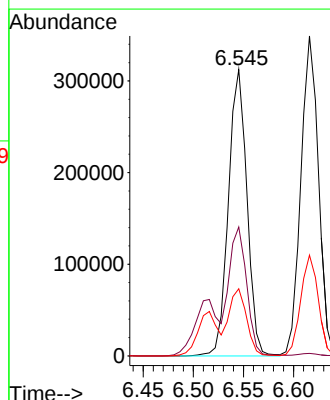
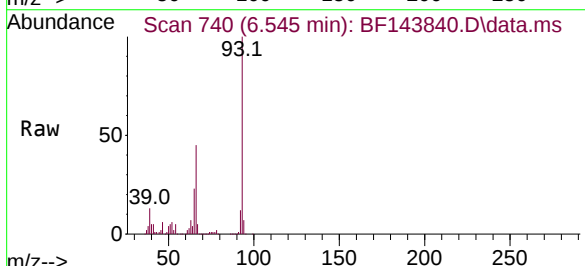
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BNA_F
ClientSampleId :
EME-TS14-01MSD

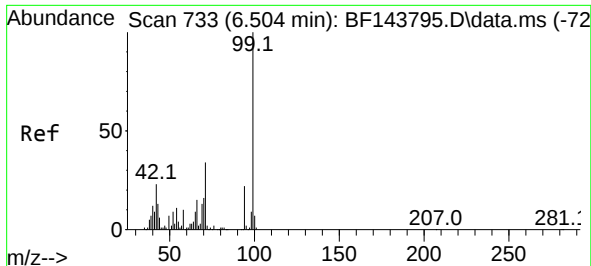
Tgt Ion:112 Resp: 542961
Ion Ratio Lower Upper
112 100
64 75.3 63.0 94.4
63 38.9 32.6 49.0



#6
Aniline
Concen: 27.158 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143840.D
Acq: 30 Sep 2025 18:35

Tgt Ion: 93 Resp: 401567
Ion Ratio Lower Upper
93 100
66 45.0 37.1 55.7
65 23.5 19.4 29.0





#7

Phenol-d6

Concen: 41.839 ng

RT: 6.498 min Scan# 733

Delta R.T. -0.012 min

Lab File: BF143840.D

Acq: 30 Sep 2025 18:35

Instrument :

BNA_F

ClientSampleId :

EME-TS14-01MSD

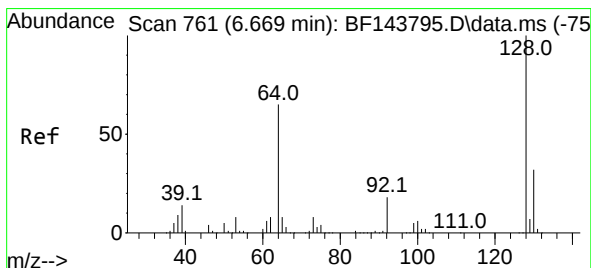
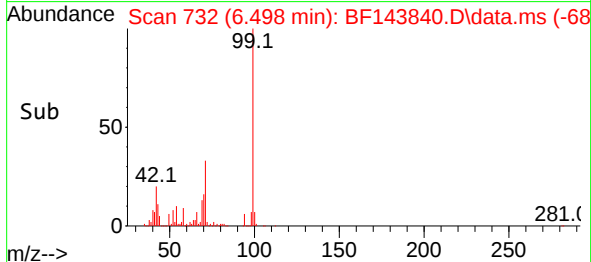
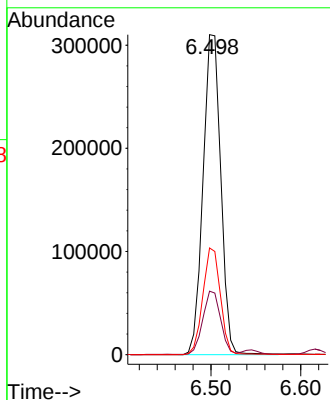
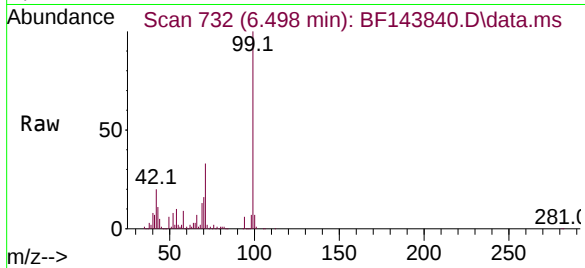
Tgt Ion: 99 Resp: 426251

Ion Ratio Lower Upper

99 100

42 19.8 18.6 28.0

71 33.3 27.0 40.4



#8

2-Chlorophenol

Concen: 39.107 ng

RT: 6.669 min Scan# 761

Delta R.T. -0.000 min

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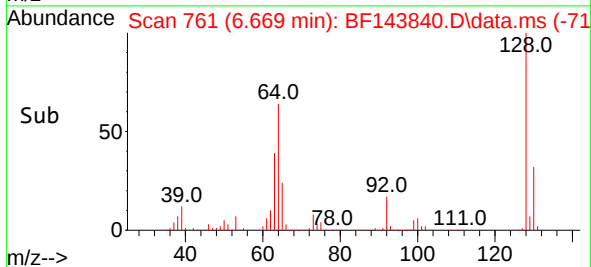
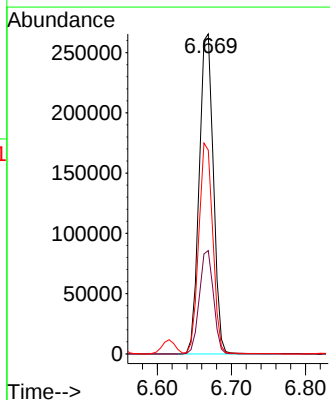
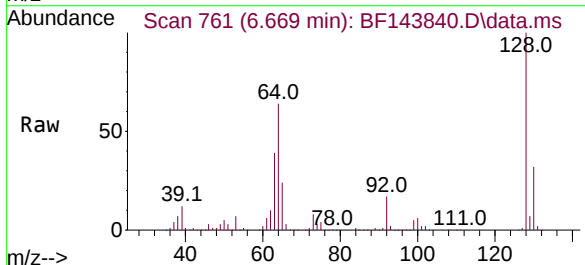
Tgt Ion: 128 Resp: 353008

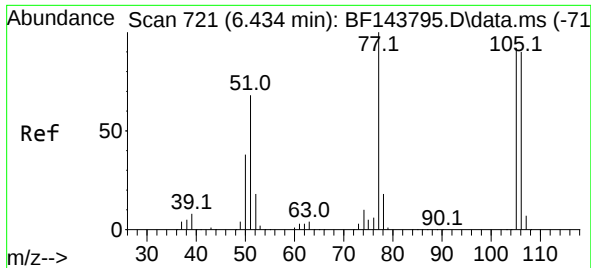
Ion Ratio Lower Upper

128 100

130 32.3 12.2 52.2

64 63.7 46.5 86.5





#9

Benzaldehyde

Concen: 30.374 ng

RT: 6.434 min Scan# 721

Delta R.T. -0.006 min

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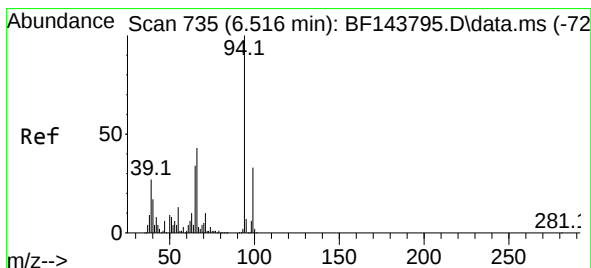
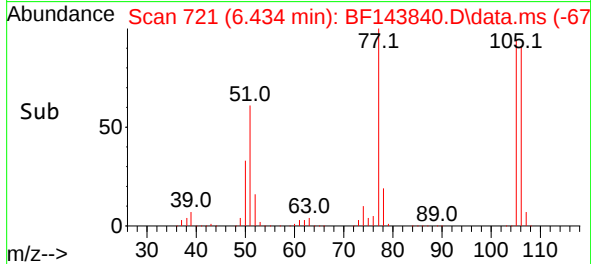
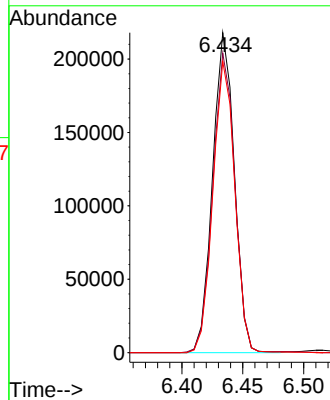
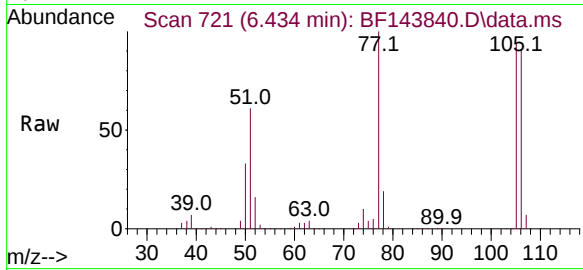
Tgt Ion: 77 Resp: 270982

Ion Ratio Lower Upper

77 100

105 93.6 71.8 111.8

106 91.0 69.8 109.8



#10

Phenol

Concen: 17.514 ng

RT: 6.516 min Scan# 735

Delta R.T. -0.012 min

Lab File: BF143840.D

Acq: 30 Sep 2025 18:35

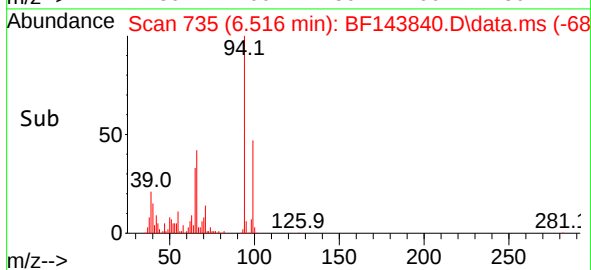
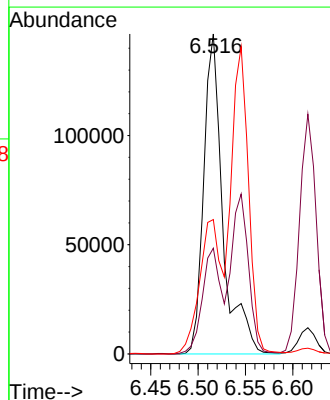
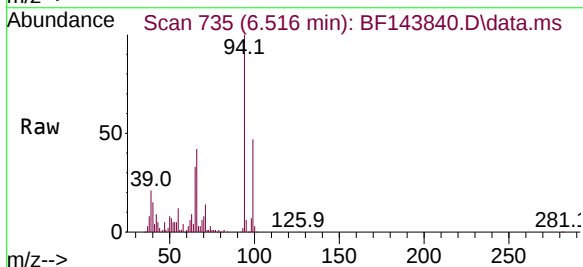
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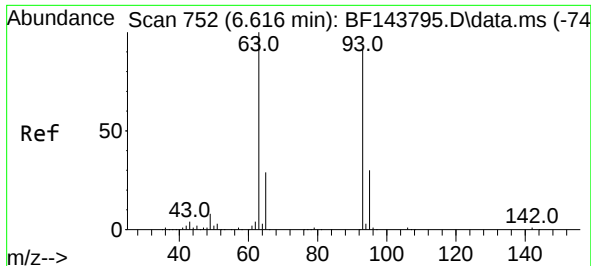
Ion Ratio Lower Upper

94 100

65 33.1 14.2 54.2

66 42.0 24.1 64.1

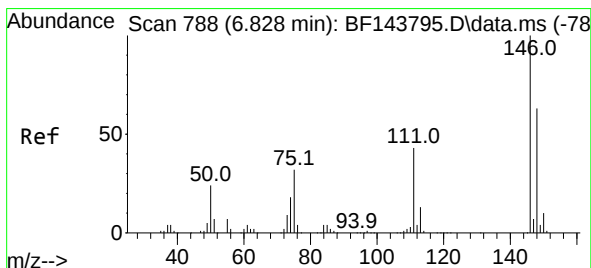
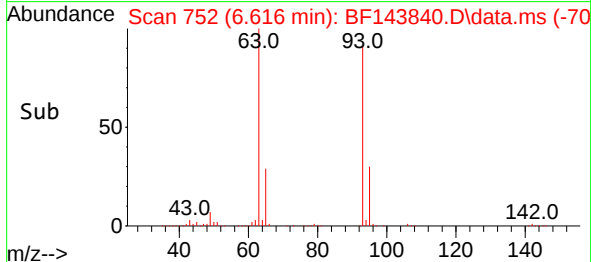
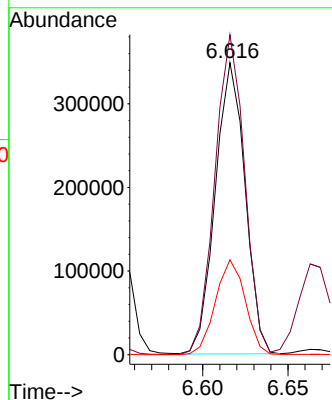
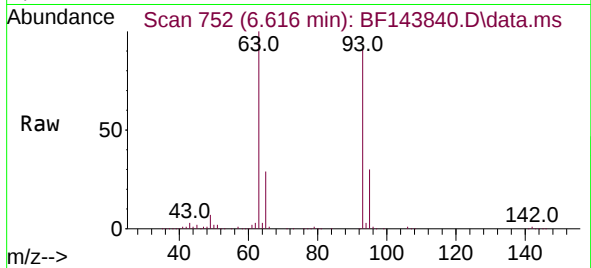




#11
bis(2-Chloroethyl)ether
Concen: 45.647 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF143840.D
Acq: 30 Sep 2025 18:35

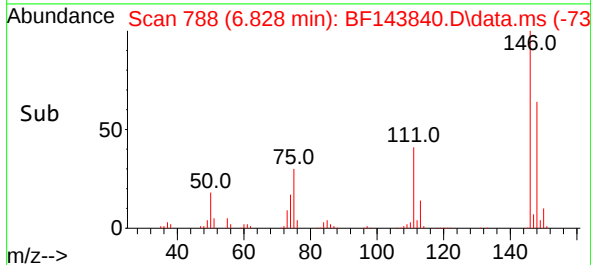
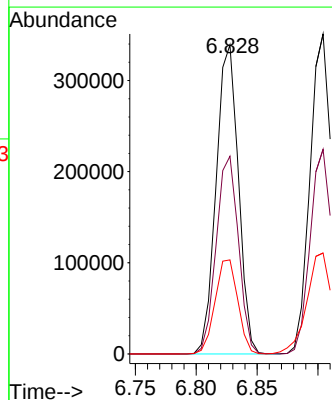
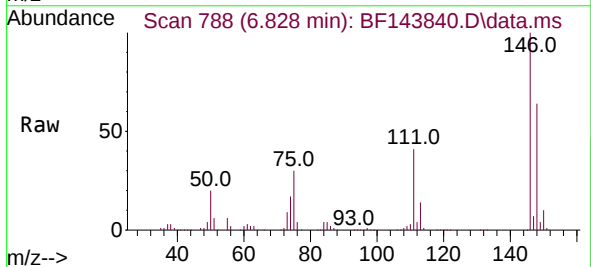
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

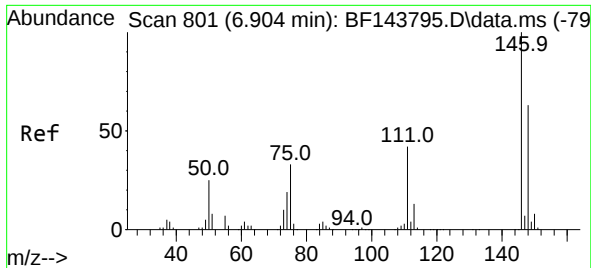
Tgt Ion: 93 Resp: 423717
Ion Ratio Lower Upper
93 100
63 109.6 89.2 129.2
95 32.5 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 41.090 ng
RT: 6.828 min Scan# 788
Delta R.T. -0.000 min
Lab File: BF143840.D
Acq: 30 Sep 2025 18:35

Tgt Ion:146 Resp: 430642
Ion Ratio Lower Upper
146 100
148 64.0 50.4 75.6
75 30.4 25.6 38.4

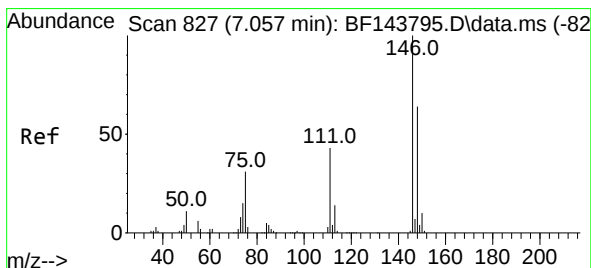
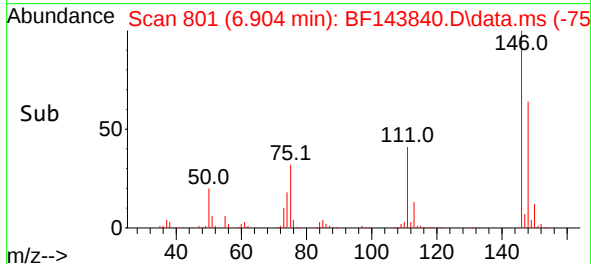
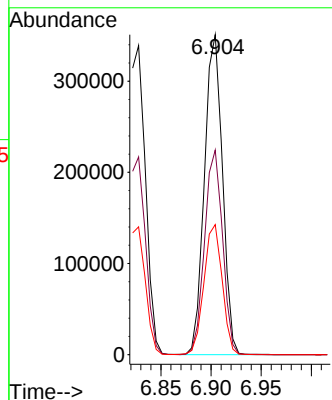
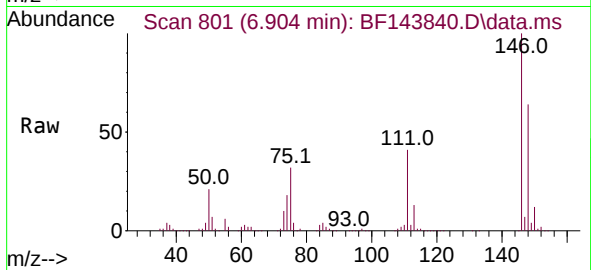




#13
1,4-Dichlorobenzene
Concen: 41.894 ng
RT: 6.904 min Scan# 801
Delta R.T. -0.000 min
Lab File: BF143840.D
Acq: 30 Sep 2025 18:35

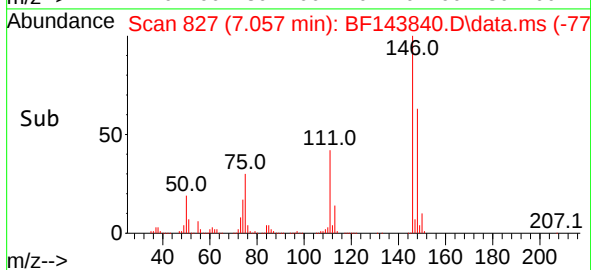
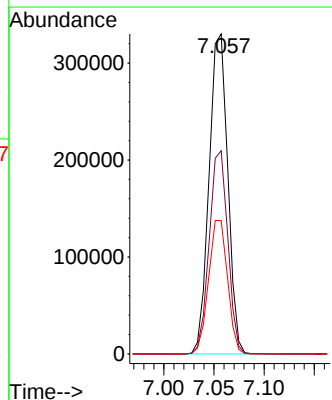
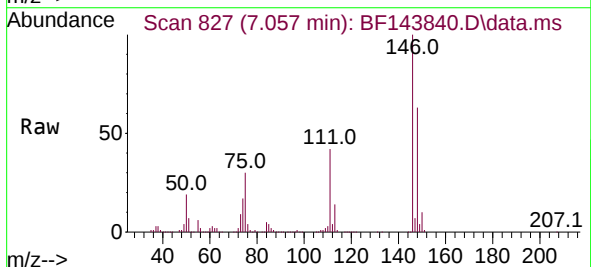
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

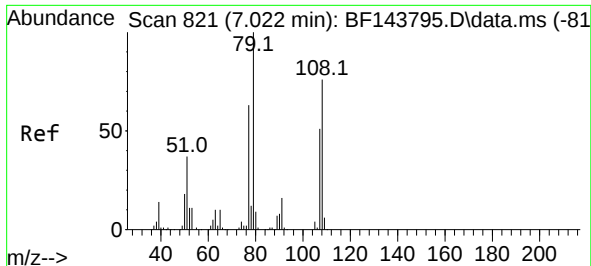
Tgt Ion:146 Resp: 438176
Ion Ratio Lower Upper
146 100
148 64.0 50.7 76.1
111 40.6 33.4 50.2



#14
1,2-Dichlorobenzene
Concen: 43.221 ng
RT: 7.057 min Scan# 827
Delta R.T. -0.000 min
Lab File: BF143840.D
Acq: 30 Sep 2025 18:35

Tgt Ion:146 Resp: 428144
Ion Ratio Lower Upper
146 100
148 63.5 51.1 76.7
111 41.7 34.3 51.5

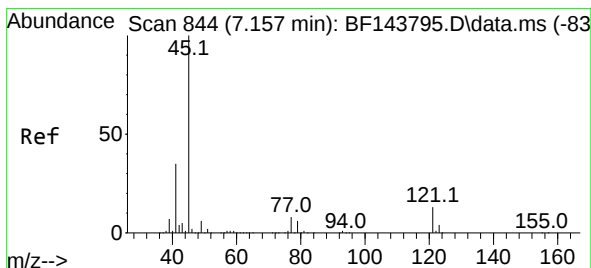
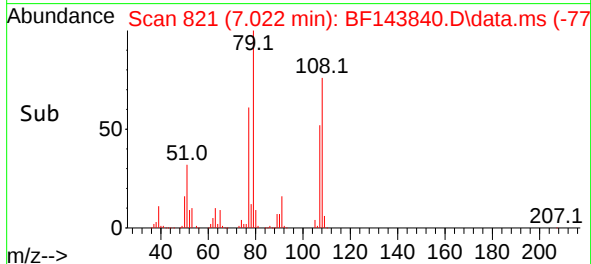
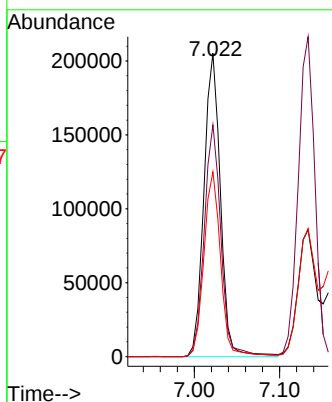
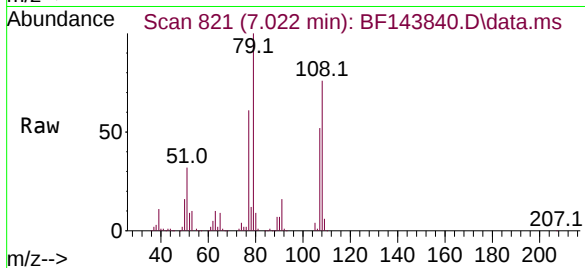




#15
Benzyl Alcohol
Concen: 37.562 ng
RT: 7.022 min Scan# 821
Delta R.T. -0.006 min
Lab File: BF143840.D
Acq: 30 Sep 2025 18:35

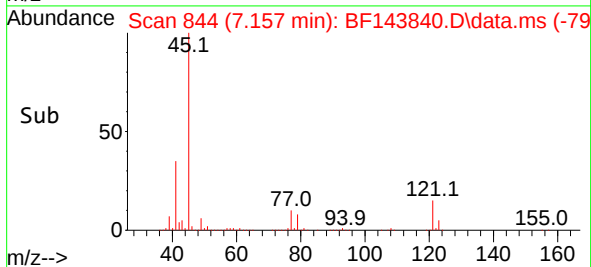
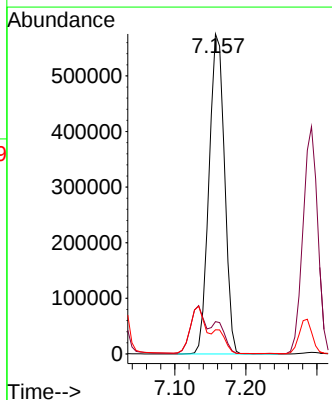
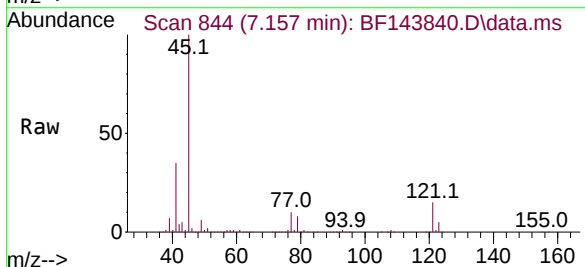
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

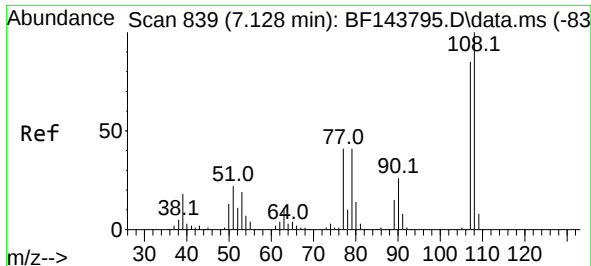
Tgt Ion: 79 Resp: 276505
Ion Ratio Lower Upper
79 100
108 76.4 60.5 90.7
77 60.9 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.555 ng
RT: 7.157 min Scan# 844
Delta R.T. -0.000 min
Lab File: BF143840.D
Acq: 30 Sep 2025 18:35

Tgt Ion: 45 Resp: 870646
Ion Ratio Lower Upper
45 100
77 10.1 0.0 28.5
79 7.5 0.0 26.3

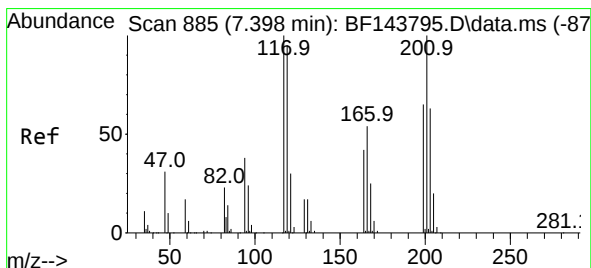
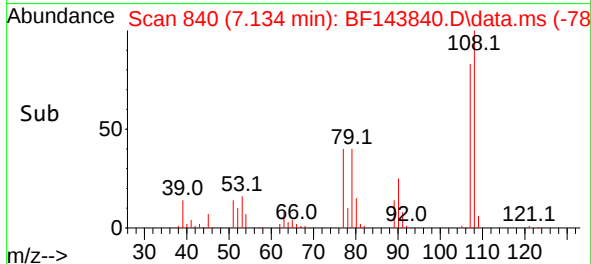
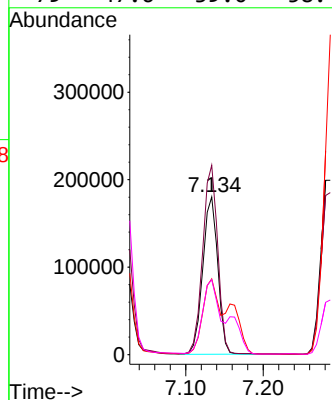
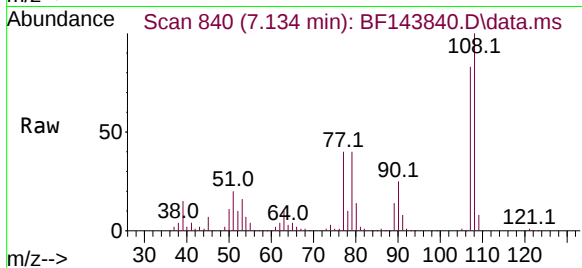




#17
2-Methylphenol
Concen: 34.724 ng
RT: 7.134 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF143840.D
Acq: 30 Sep 2025 18:35

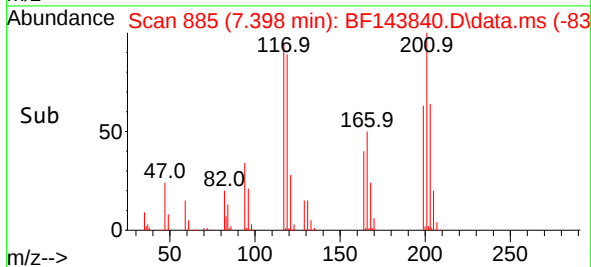
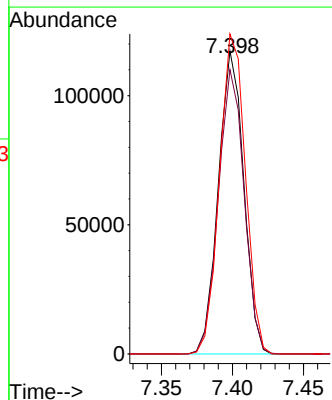
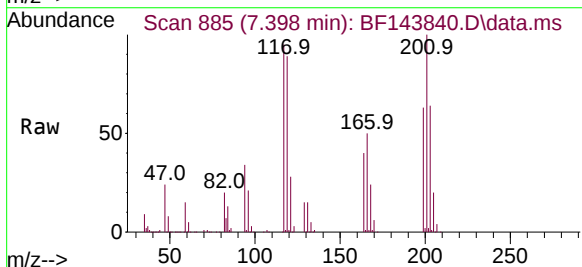
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

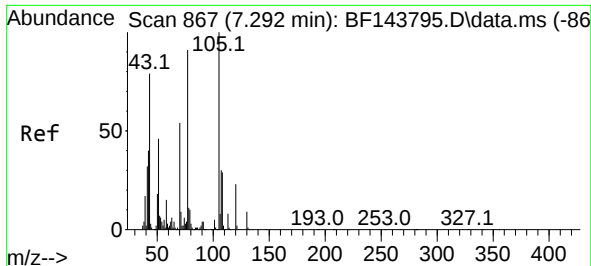
Tgt Ion:	107	Resp:	242668
Ion	Ratio	Lower	Upper
107	100		
108	120.0	94.2	141.4
77	48.1	38.6	58.0
79	47.6	39.0	58.4



#18
Hexachloroethane
Concen: 39.717 ng
RT: 7.398 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF143840.D
Acq: 30 Sep 2025 18:35

Tgt Ion:	117	Resp:	146089
Ion	Ratio	Lower	Upper
117	100		
119	93.8	76.2	114.2
201	105.6	79.7	119.5

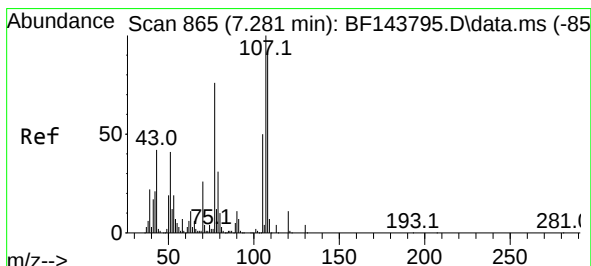
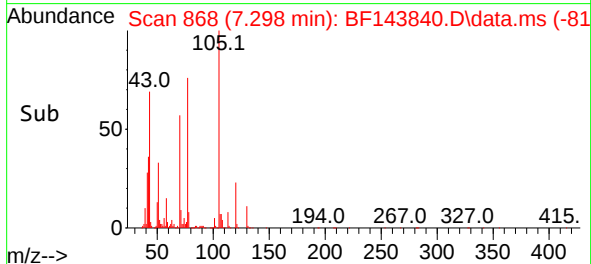
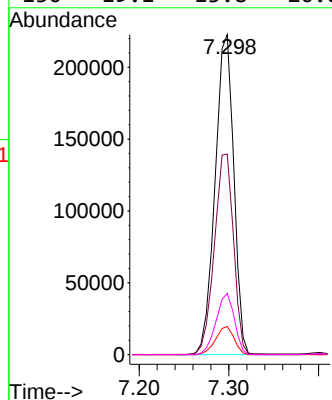
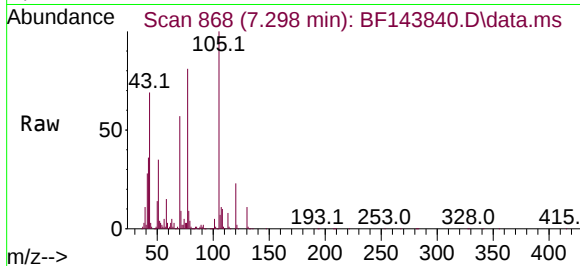




#19
n-Nitroso-di-n-propylamine
Concen: 49.576 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.006 min
Lab File: BF143840.D
Acq: 30 Sep 2025 18:35

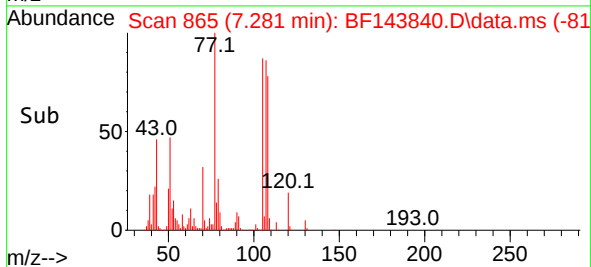
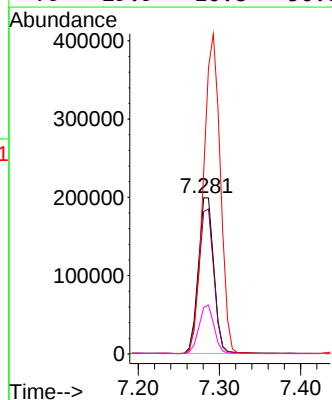
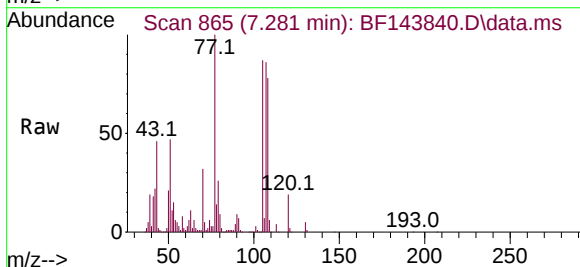
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

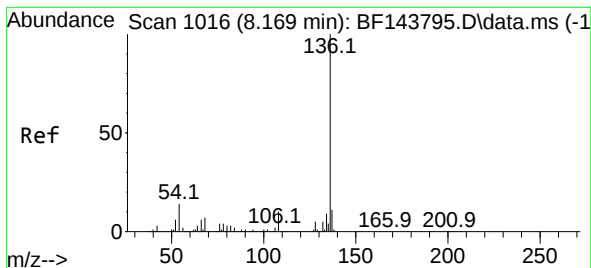
Tgt Ion: 70 Resp: 324788
Ion Ratio Lower Upper
70 100
42 62.7 59.4 89.0
101 8.8 7.1 10.7
130 19.1 13.8 20.8



#20
3+4-Methylphenols
Concen: 31.021 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF143840.D
Acq: 30 Sep 2025 18:35

Tgt Ion: 107 Resp: 264001
Ion Ratio Lower Upper
107 100
108 91.2 72.5 112.5
77 116.9 56.2 96.2#
79 29.9 10.8 50.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 10

Delta R.T. -0.000 min

Lab File: BF143840.D

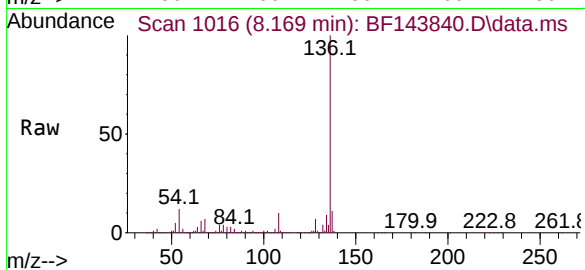
Acq: 30 Sep 2025 18:35

Instrument :

BNA_F

ClientSampleId :

EME-TS14-01MSD



Tgt Ion:136 Resp: 544706

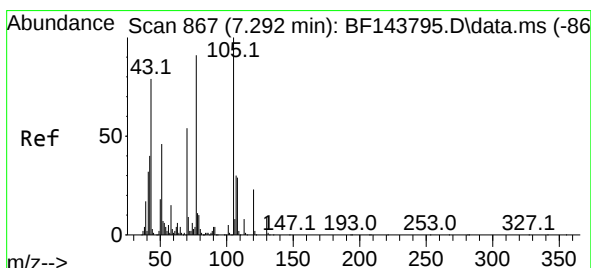
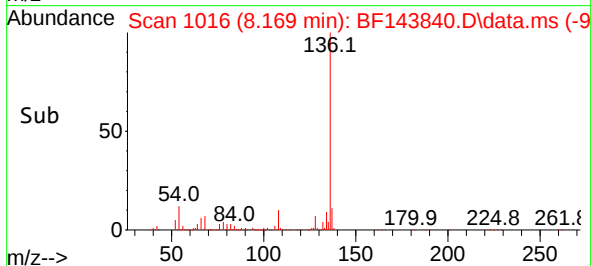
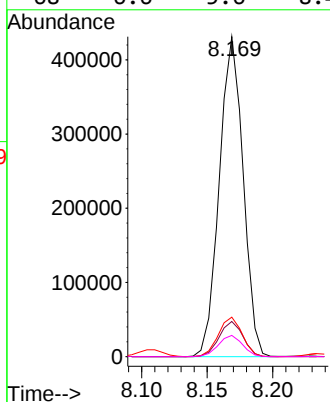
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 12.3 11.2 16.8

68 6.6 5.6 8.4



#22

Acetophenone

Concen: 53.171 ng

RT: 7.292 min Scan# 867

Delta R.T. -0.006 min

Lab File: BF143840.D

Acq: 30 Sep 2025 18:35

Tgt Ion:105 Resp: 636130

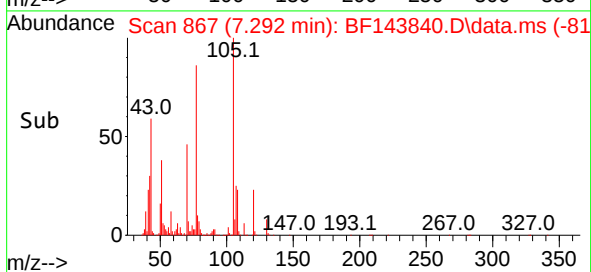
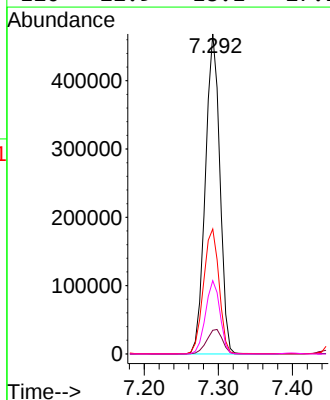
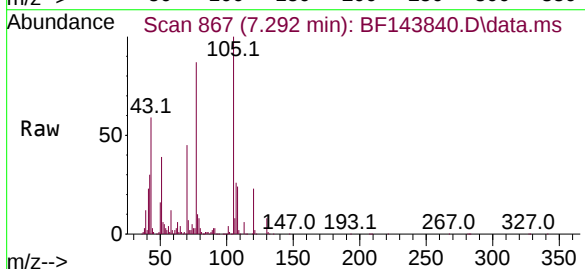
Ion Ratio Lower Upper

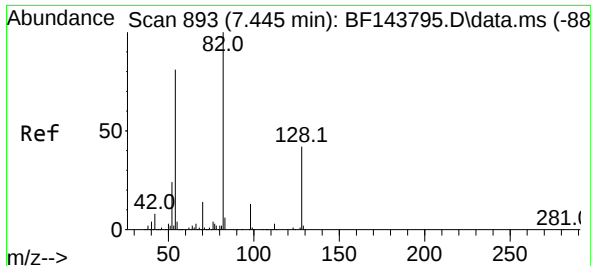
105 100

71 7.4 7.0 10.4

51 39.0 36.6 55.0

120 22.9 18.1 27.1

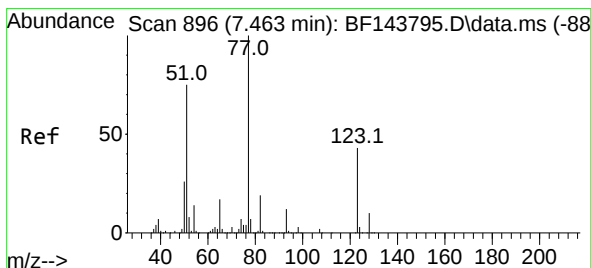
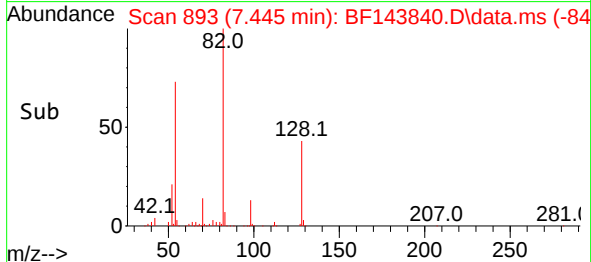
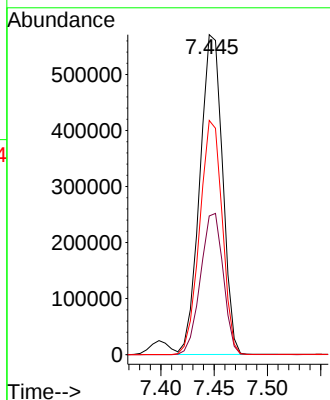
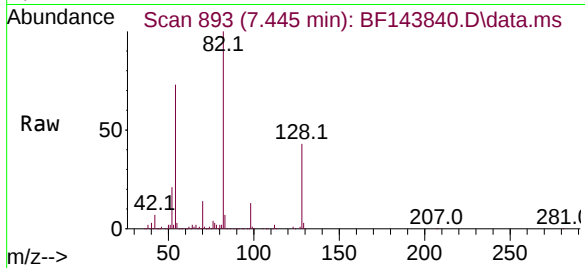




#23
Nitrobenzene-d5
Concen: 94.911 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF143840.D
Acq: 30 Sep 2025 18:35

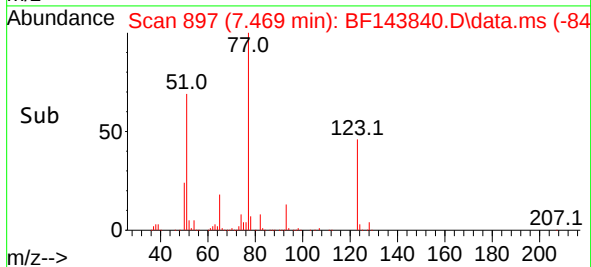
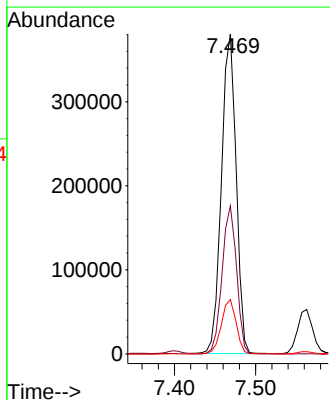
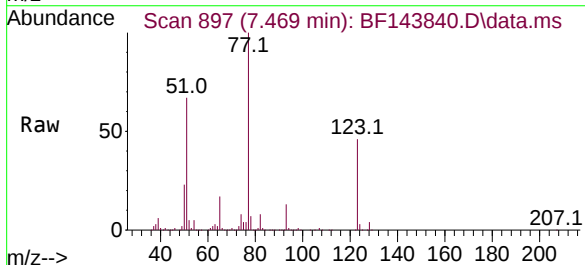
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

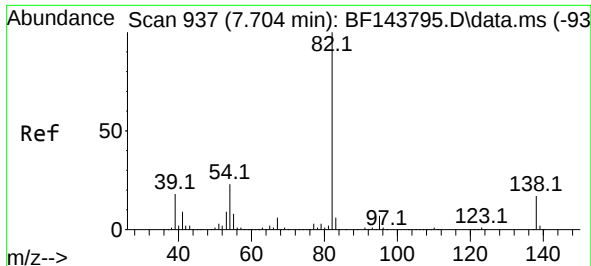
Tgt Ion: 82 Resp: 844589
Ion Ratio Lower Upper
82 100
128 43.3 33.3 49.9
54 73.2 64.2 96.4



#24
Nitrobenzene
Concen: 48.440 ng
RT: 7.469 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF143840.D
Acq: 30 Sep 2025 18:35

Tgt Ion: 77 Resp: 477795
Ion Ratio Lower Upper
77 100
123 46.3 34.0 51.0
65 17.0 13.5 20.3

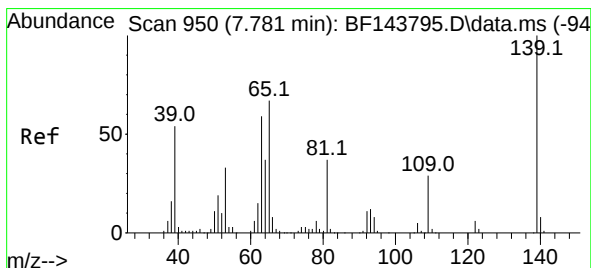
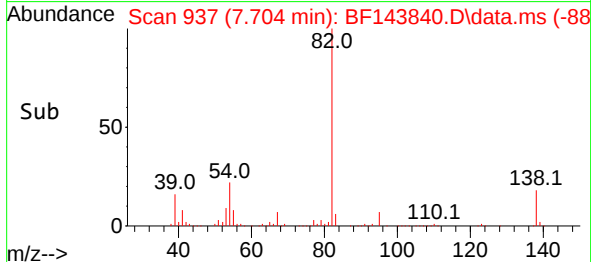
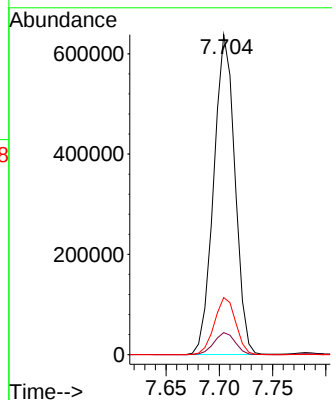
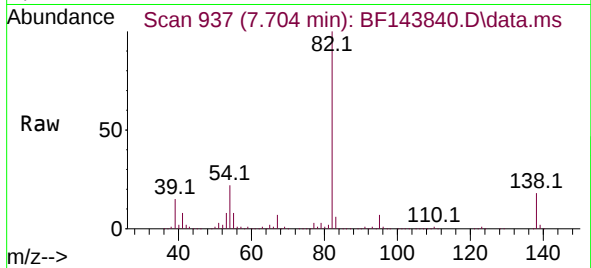




#25
Isophorone
Concen: 50.973 ng
RT: 7.704 min Scan# 931
Delta R.T. -0.006 min
Lab File: BF143840.D
Acq: 30 Sep 2025 18:35

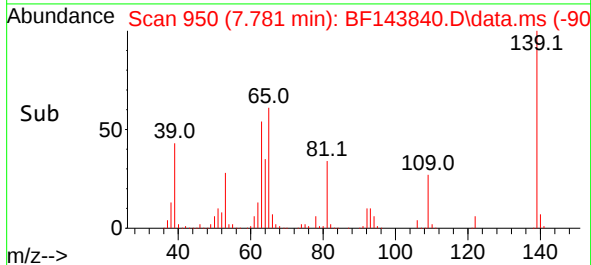
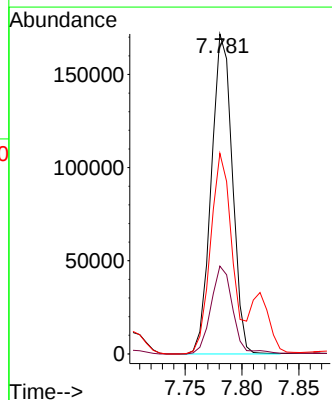
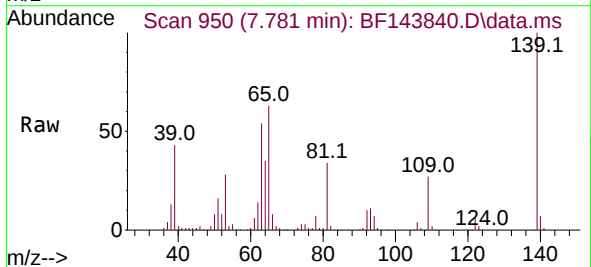
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

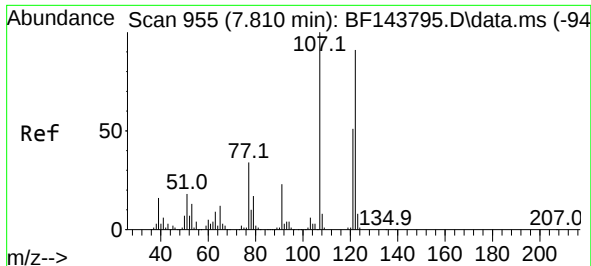
Tgt Ion: 82 Resp: 883911
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.2
138 17.8 13.7 20.5



#26
2-Nitrophenol
Concen: 54.198 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.005 min
Lab File: BF143840.D
Acq: 30 Sep 2025 18:35

Tgt Ion:139 Resp: 220979
Ion Ratio Lower Upper
139 100
109 27.4 23.3 34.9
65 62.7 53.8 80.6





#27

2,4-Dimethylphenol

Concen: 48.165 ng

RT: 7.816 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF143840.D

Acq: 30 Sep 2025 18:35

Instrument :

BNA_F

ClientSampleId :

EME-TS14-01MSD

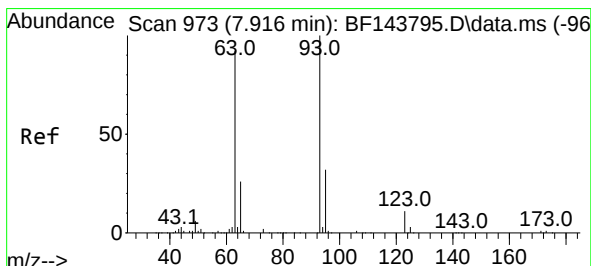
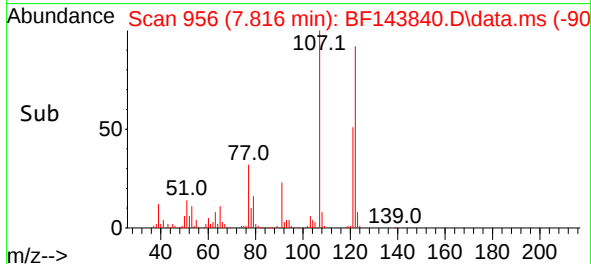
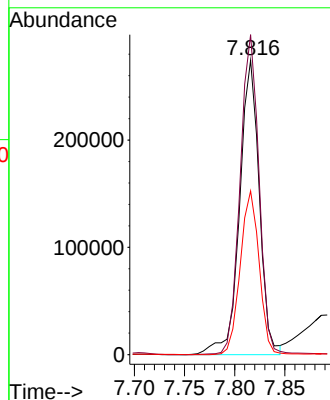
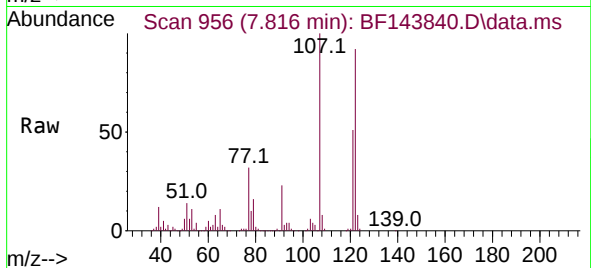
Tgt Ion:122 Resp: 373310

Ion Ratio Lower Upper

122 100

107 108.7 87.5 131.3

121 55.6 44.2 66.4



#28

bis(2-Chloroethoxy)methane

Concen: 49.051 ng

RT: 7.916 min Scan# 973

Delta R.T. -0.000 min

Lab File: BF143840.D

Acq: 30 Sep 2025 18:35

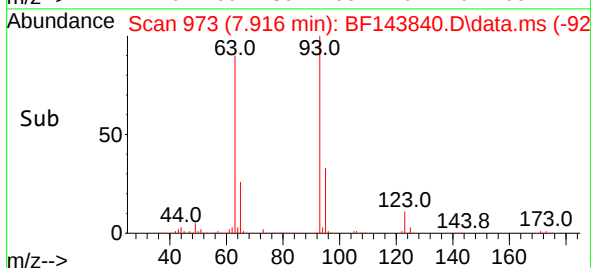
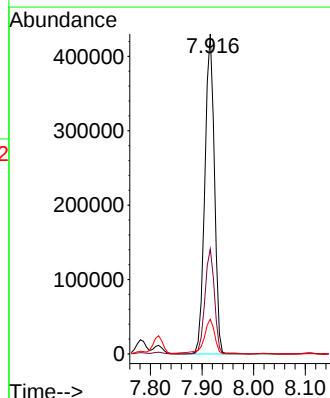
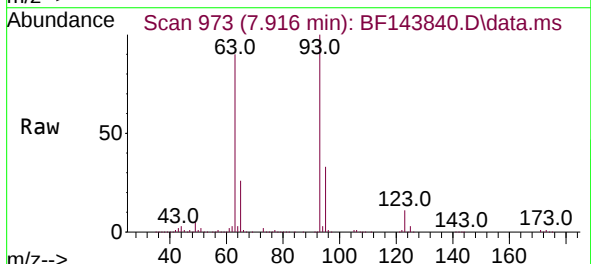
Tgt Ion: 93 Resp: 552615

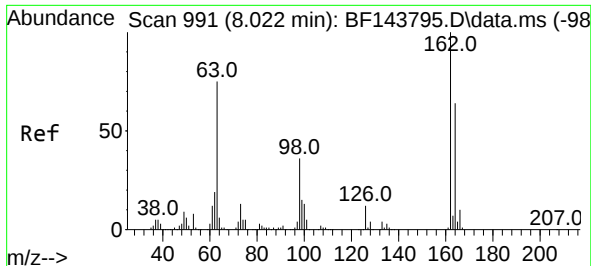
Ion Ratio Lower Upper

93 100

95 32.8 25.8 38.8

123 10.8 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 46.686 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.000 min

Lab File: BF143840.D

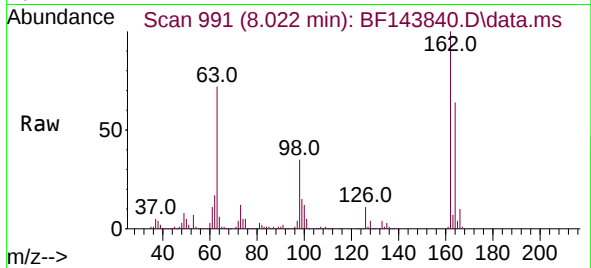
Acq: 30 Sep 2025 18:35

Instrument :

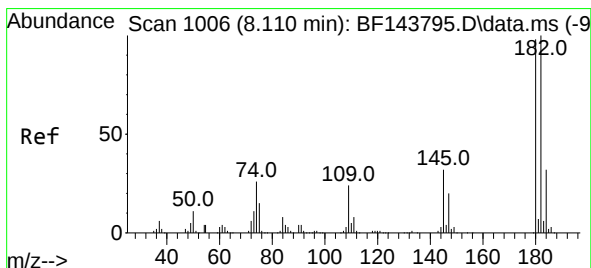
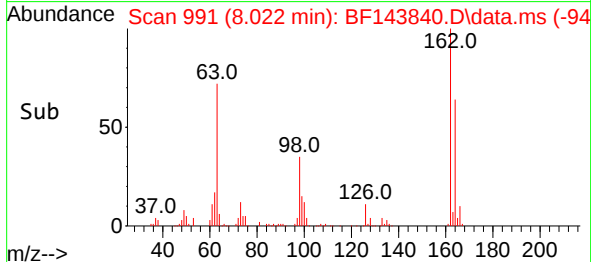
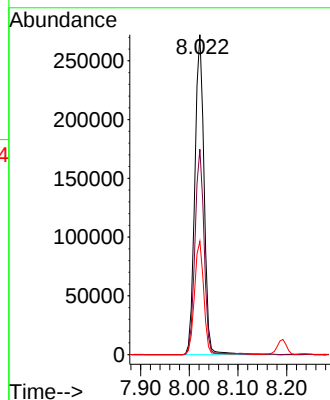
BNA_F

ClientSampleId :

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Tgt Ion:	162	Resp:	356046
Ion Ratio	Lower	Upper	
162	100		
164	64.2	44.1	84.1
98	35.4	15.8	55.8



#30

1,2,4-Trichlorobenzene

Concen: 47.633 ng

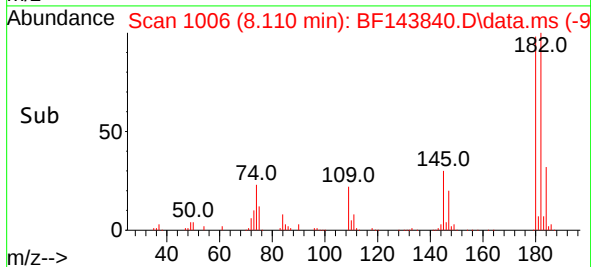
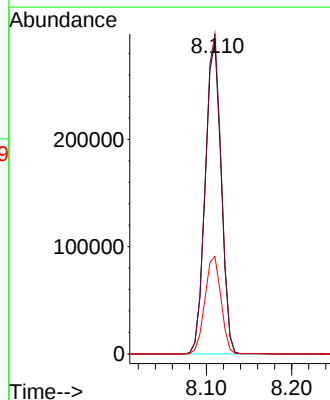
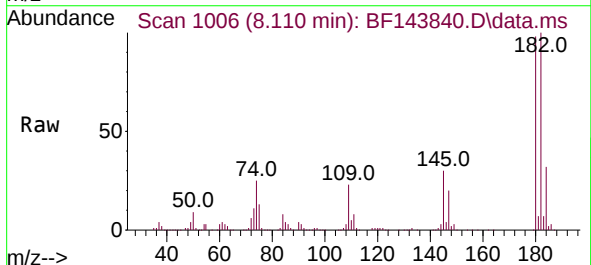
RT: 8.110 min Scan# 1006

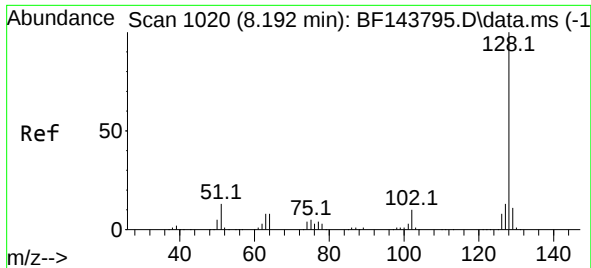
Delta R.T. -0.000 min

Lab File: BF143840.D

Acq: 30 Sep 2025 18:35

Tgt Ion:	180	Resp:	376995
Ion Ratio	Lower	Upper	
180	100		
182	102.6	82.0	123.0
145	31.2	25.9	38.9

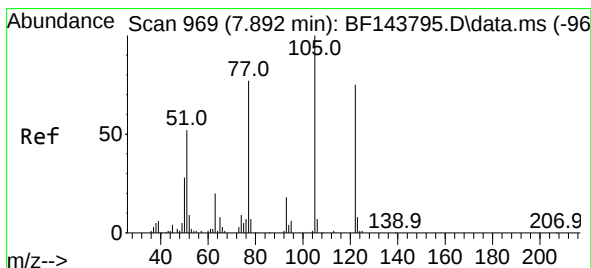
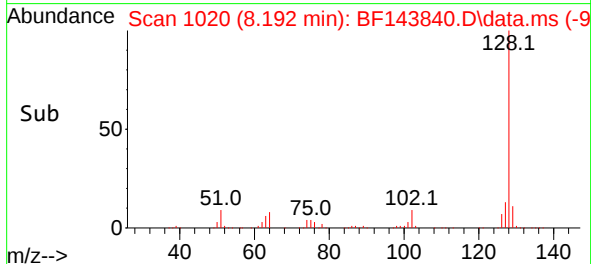
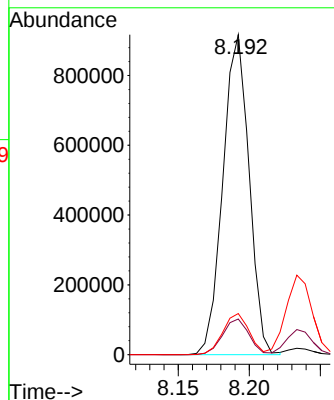
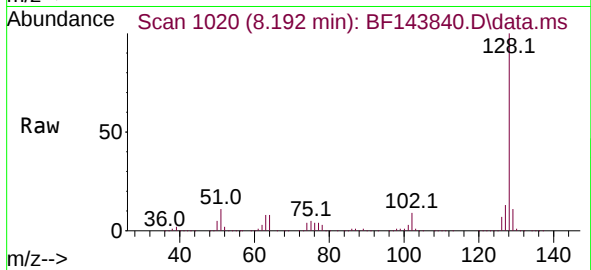




#31
Naphthalene
Concen: 45.117 ng
RT: 8.192 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF143840.D
Acq: 30 Sep 2025 18:35

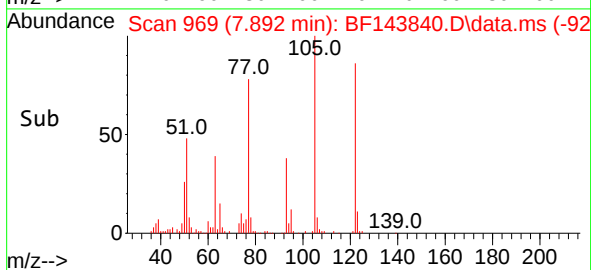
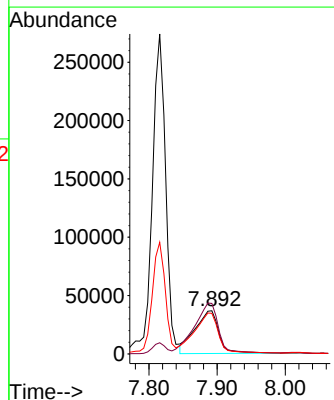
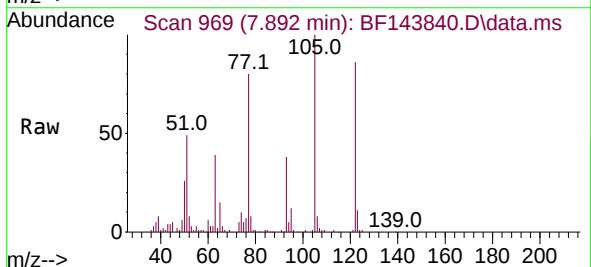
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

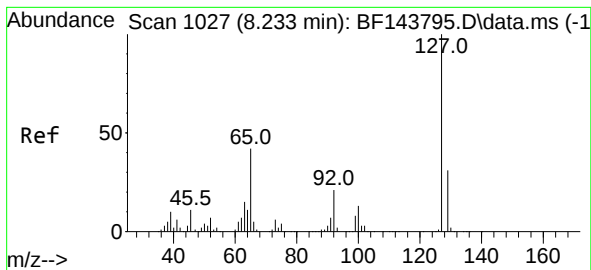
Tgt Ion:128 Resp: 1176459
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 12.8 10.2 15.4



#32
Benzoic acid
Concen: 24.080 ng
RT: 7.892 min Scan# 969
Delta R.T. -0.029 min
Lab File: BF143840.D
Acq: 30 Sep 2025 18:35

Tgt Ion:122 Resp: 90049
Ion Ratio Lower Upper
122 100
105 116.9 103.7 143.7
77 93.9 78.8 118.8

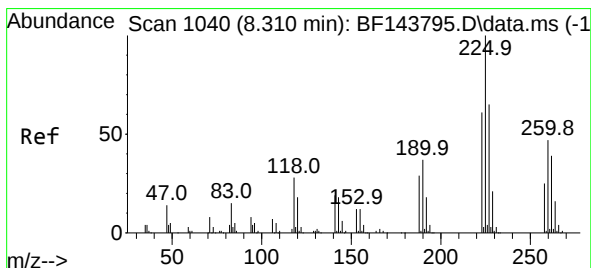
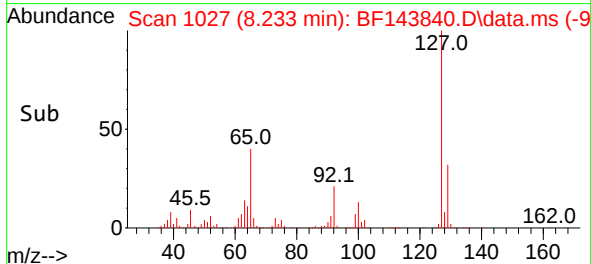
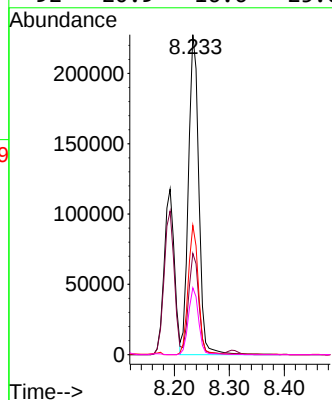
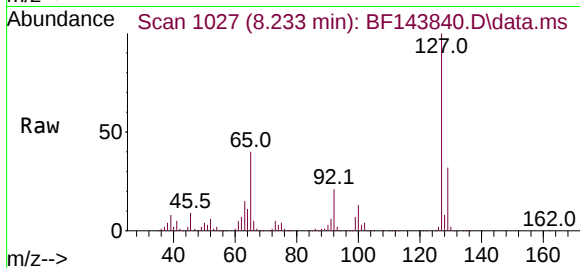




#33
4-Chloroaniline
Concen: 32.519 ng
RT: 8.233 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF143840.D
Acq: 30 Sep 2025 18:35

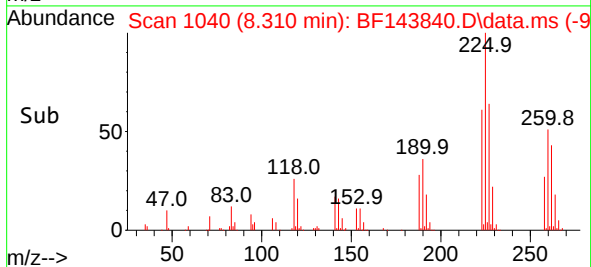
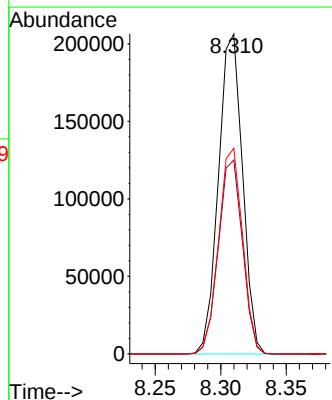
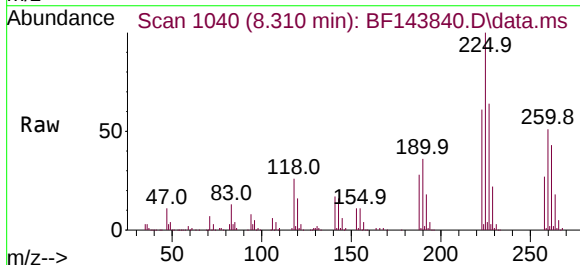
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

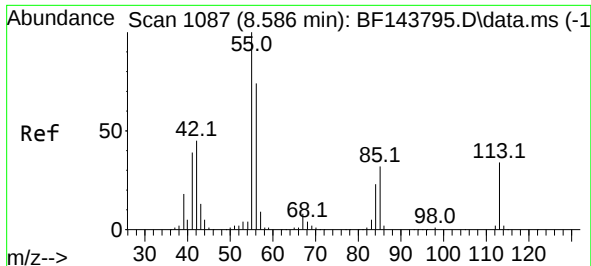
Tgt Ion:	127	Resp:	297985
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.4	38.2
65	40.4	33.4	50.2
92	20.9	16.6	25.0



#34
Hexachlorobutadiene
Concen: 44.717 ng
RT: 8.310 min Scan# 1040
Delta R.T. -0.000 min
Lab File: BF143840.D
Acq: 30 Sep 2025 18:35

Tgt Ion:	225	Resp:	263834
Ion	Ratio	Lower	Upper
225	100		
223	60.6	48.6	72.8
227	64.3	51.9	77.9

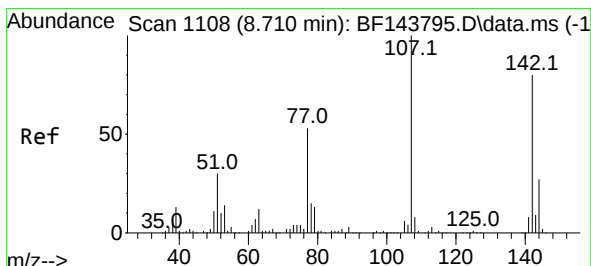
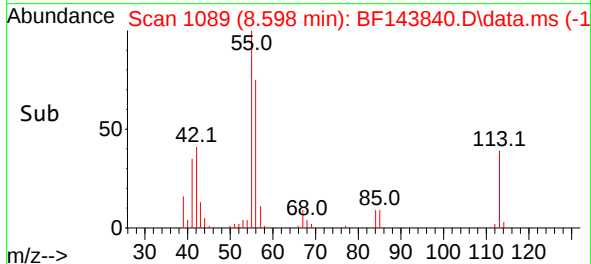
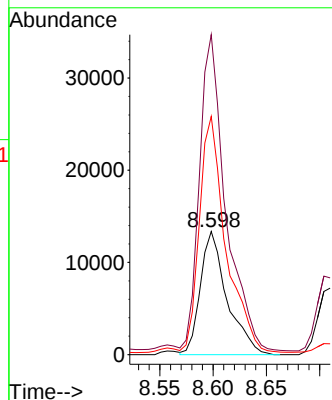
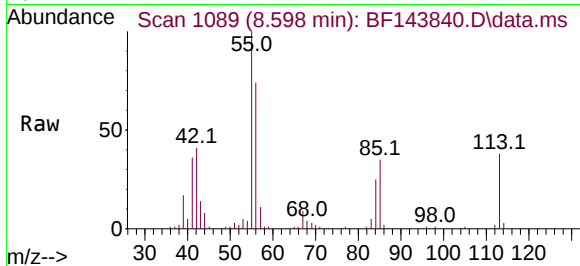




#35
 Caprolactam
 Concen: 11.921 ng
 RT: 8.598 min Scan# 1087
 Delta R.T. -0.012 min
 Lab File: BF143840.D
 Acq: 30 Sep 2025 18:35

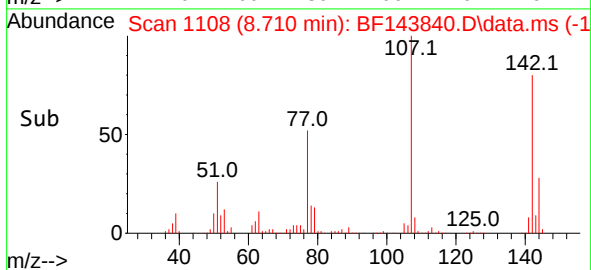
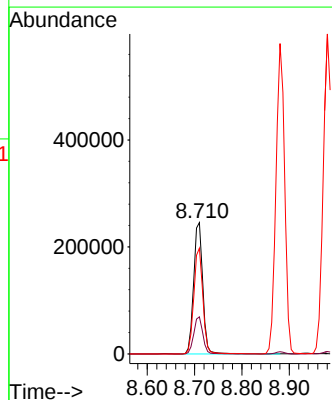
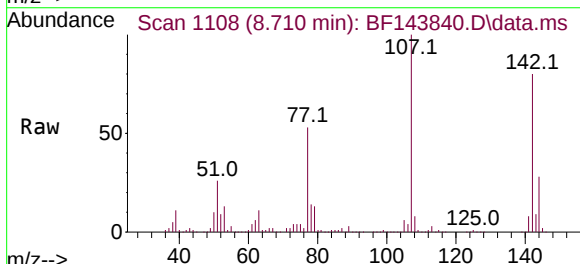
Instrument :
 BNA_F
 ClientSampleId :
 EME-TS14-01MSD

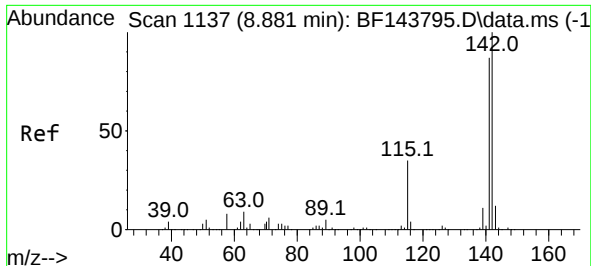
Tgt Ion:113 Resp: 23237
 Ion Ratio Lower Upper
 113 100
 55 259.9 271.7 311.7#
 56 193.5 194.5 234.5#



#36
 4-Chloro-3-methylphenol
 Concen: 45.887 ng
 RT: 8.710 min Scan# 1108
 Delta R.T. -0.000 min
 Lab File: BF143840.D
 Acq: 30 Sep 2025 18:35

Tgt Ion:107 Resp: 328214
 Ion Ratio Lower Upper
 107 100
 144 28.2 21.8 32.8
 142 80.4 63.6 95.4





#37

2-Methylnaphthalene

Concen: 44.549 ng

RT: 8.880 min Scan# 1137

Delta R.T. -0.000 min

Lab File: BF143840.D

Acq: 30 Sep 2025 18:35

Instrument :

BNA_F

ClientSampleId :

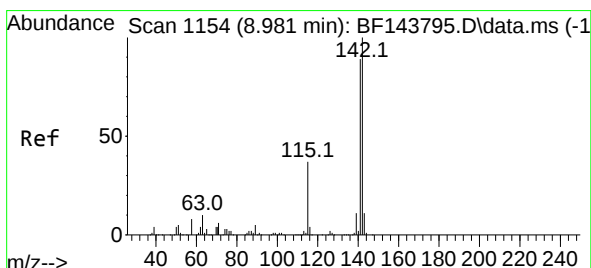
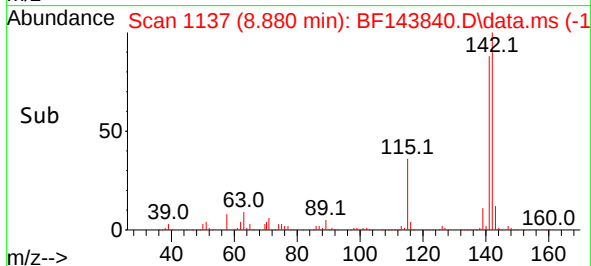
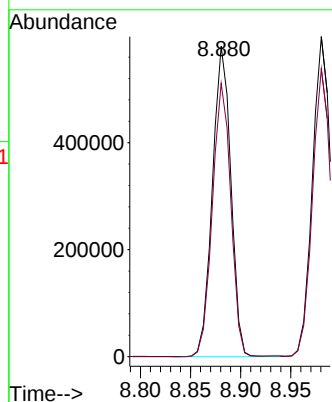
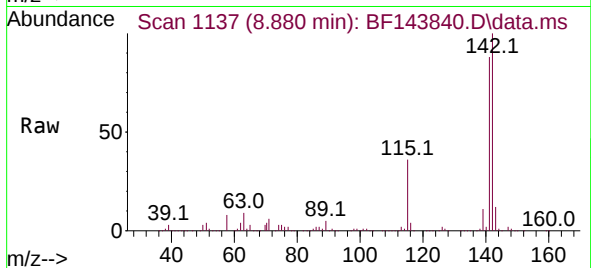
EME-TS14-01MSD

Tgt Ion:142 Resp: 740720

Ion Ratio Lower Upper

142 100

141 88.1 69.4 104.0



#38

1-Methylnaphthalene

Concen: 47.687 ng

RT: 8.980 min Scan# 1154

Delta R.T. -0.000 min

Lab File: BF143840.D

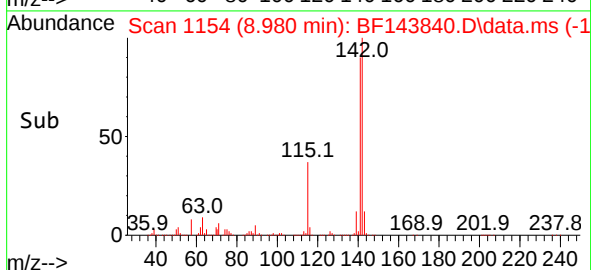
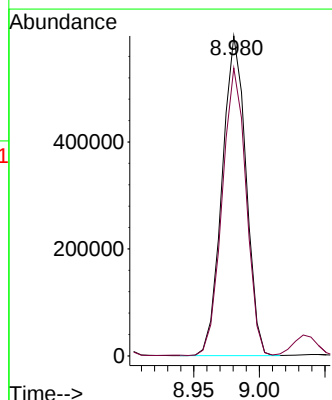
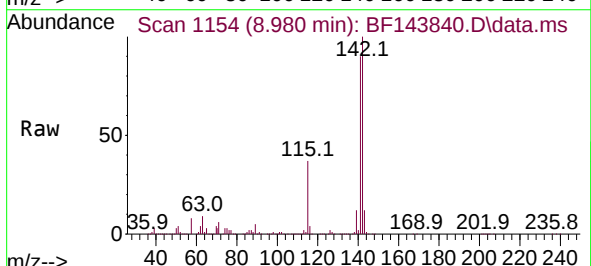
Acq: 30 Sep 2025 18:35

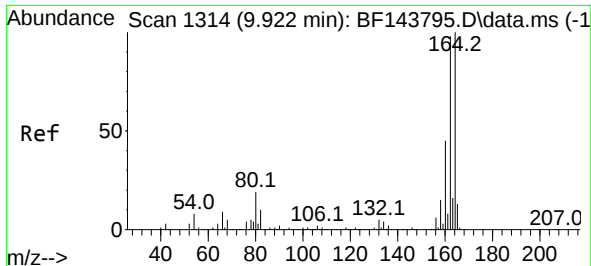
Tgt Ion:142 Resp: 758935

Ion Ratio Lower Upper

142 100

141 90.0 71.1 106.7

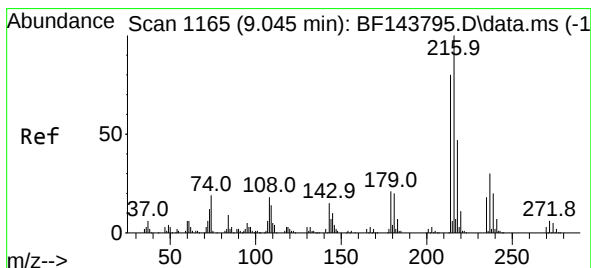
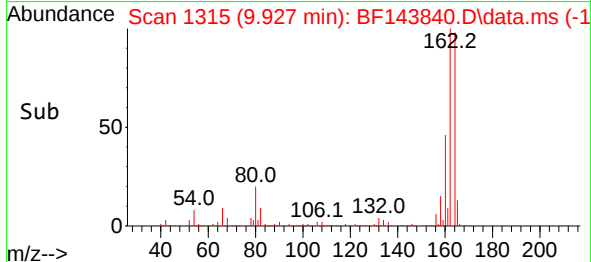
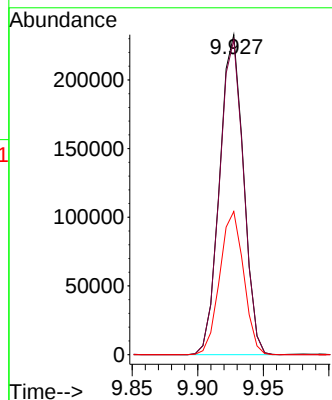
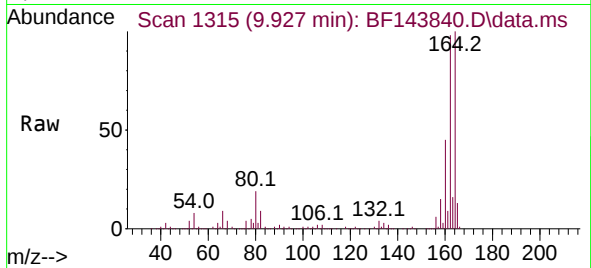




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1314
Delta R.T. -0.001 min
Lab File: BF143840.D
Acq: 30 Sep 2025 18:35

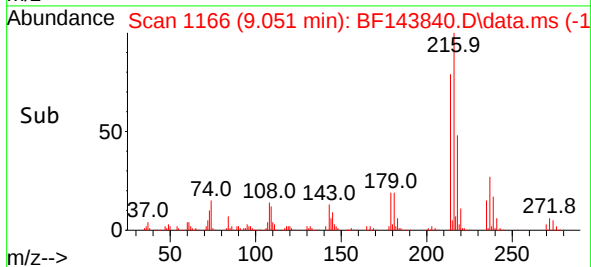
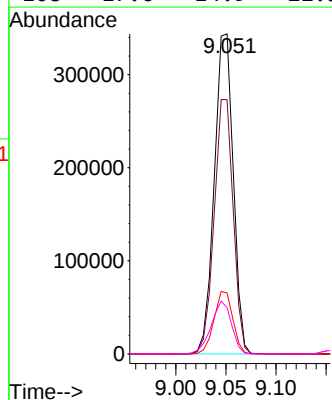
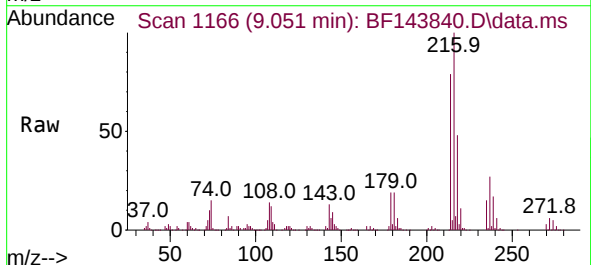
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

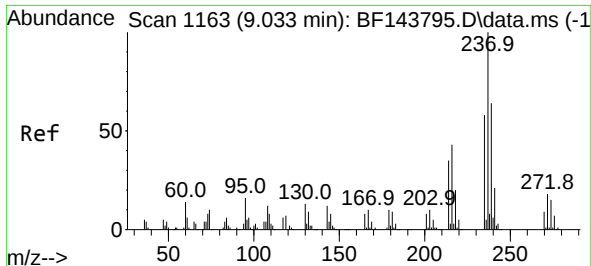
Tgt Ion:164 Resp: 295782
Ion Ratio Lower Upper
164 100
162 98.3 78.8 118.2
160 44.7 35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.768 ng
RT: 9.051 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BF143840.D
Acq: 30 Sep 2025 18:35

Tgt Ion:216 Resp: 453169
Ion Ratio Lower Upper
216 100
214 79.5 63.7 95.5
179 19.3 16.5 24.7
108 17.6 14.9 22.3

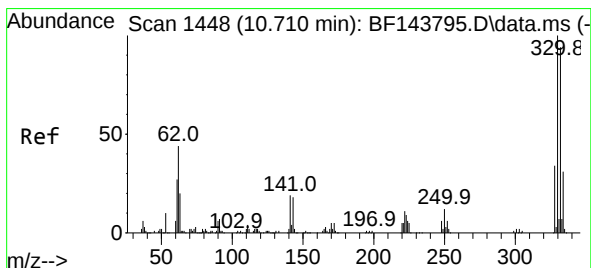
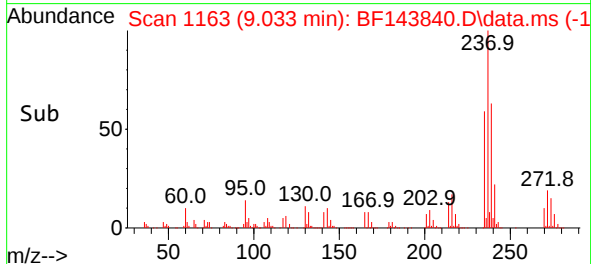
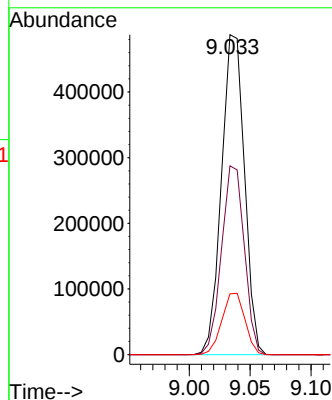
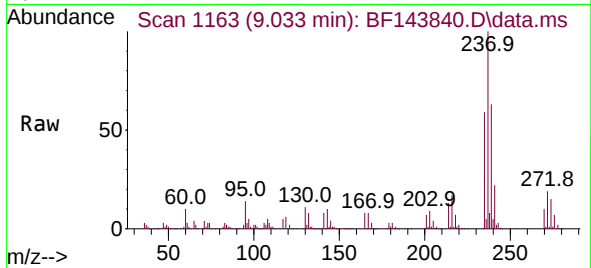




#41
Hexachlorocyclopentadiene
Concen: 113.055 ng
RT: 9.033 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF143840.D
Acq: 30 Sep 2025 18:35

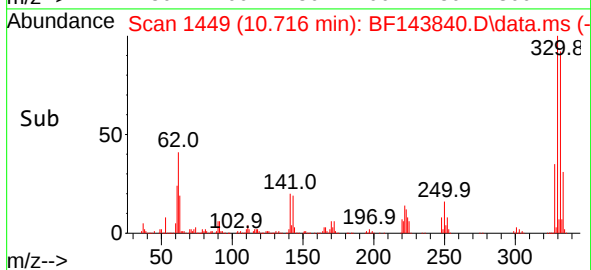
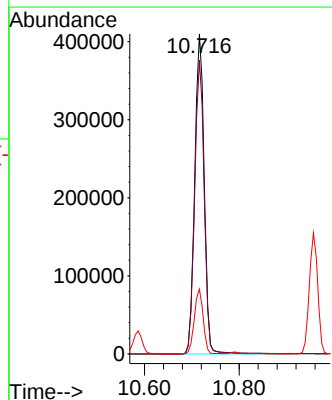
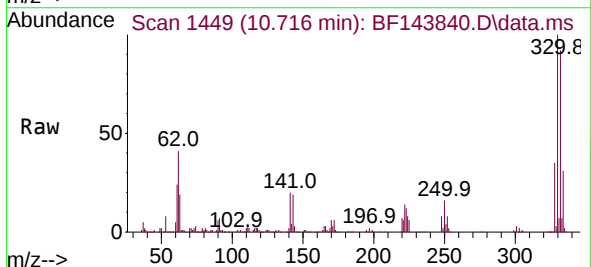
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

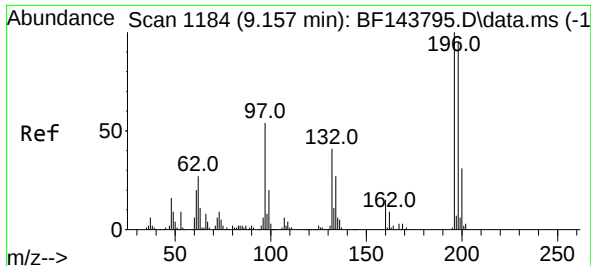
Tgt Ion:237 Resp: 639570
Ion Ratio Lower Upper
237 100
235 59.0 38.1 78.1
272 19.0 0.0 37.9



#42
2,4,6-Tribromophenol
Concen: 130.193 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF143840.D
Acq: 30 Sep 2025 18:35

Tgt Ion:330 Resp: 570185
Ion Ratio Lower Upper
330 100
332 91.9 74.7 112.1
141 18.9 14.3 21.5

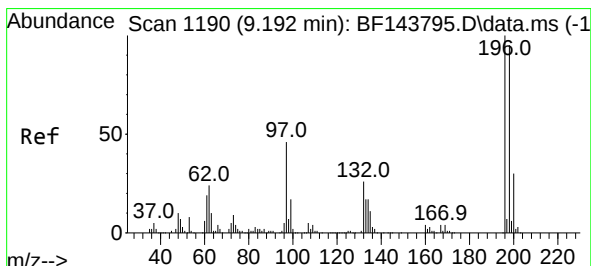
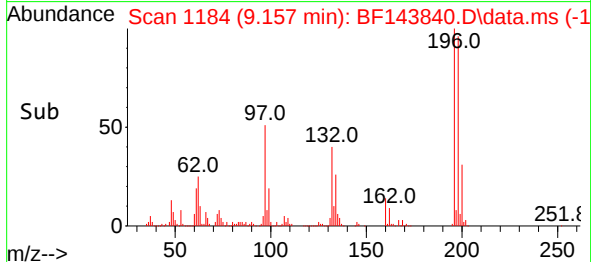
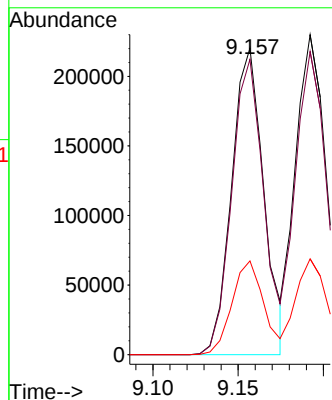
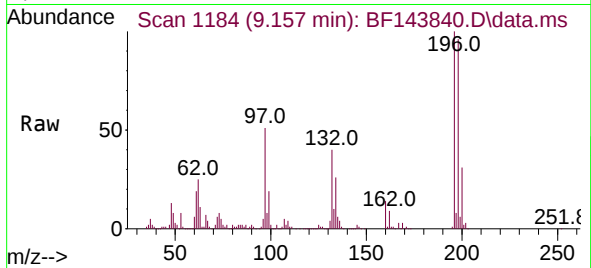




#43
2,4,6-Trichlorophenol
Concen: 51.661 ng
RT: 9.157 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BF143840.D
Acq: 30 Sep 2025 18:35

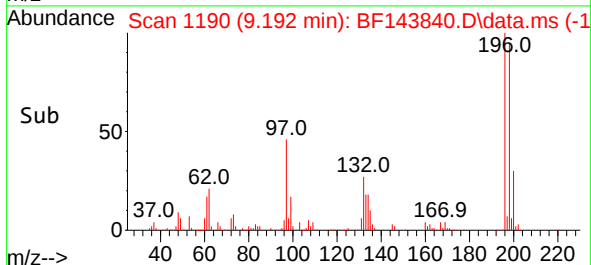
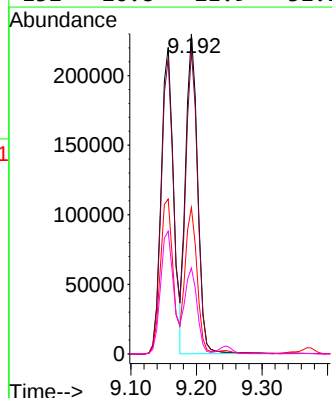
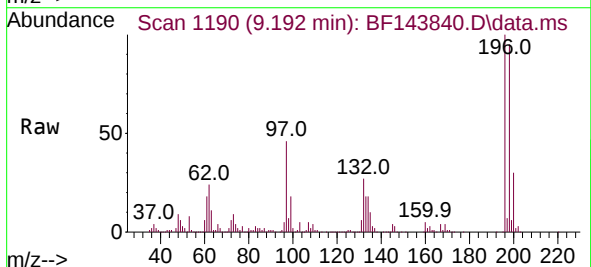
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

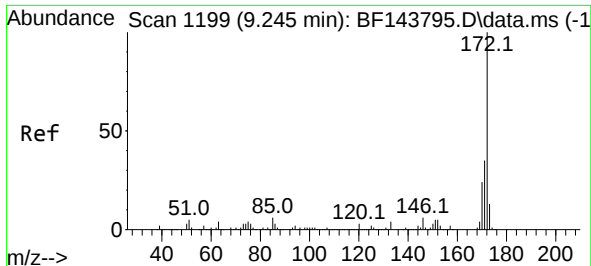
Tgt Ion:196 Resp: 288748
Ion Ratio Lower Upper
196 100
198 96.4 76.2 114.2
200 30.6 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 49.997 ng
RT: 9.192 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BF143840.D
Acq: 30 Sep 2025 18:35

Tgt Ion:196 Resp: 292296
Ion Ratio Lower Upper
196 100
198 94.7 75.9 113.9
97 45.7 38.3 57.5
132 26.8 21.9 32.9





#45

2-Fluorobiphenyl

Concen: 86.861 ng

RT: 9.245 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF143840.D

Acq: 30 Sep 2025 18:35

Instrument :

BNA_F

ClientSampleId :

EME-TS14-01MSD

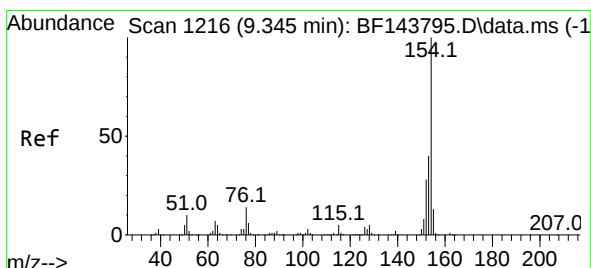
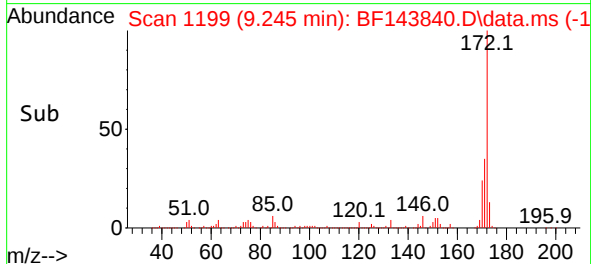
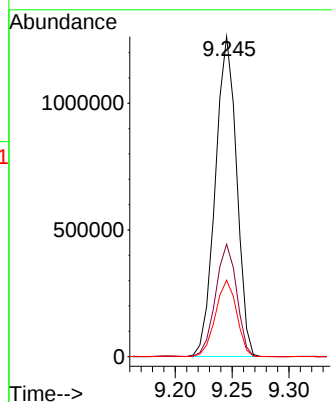
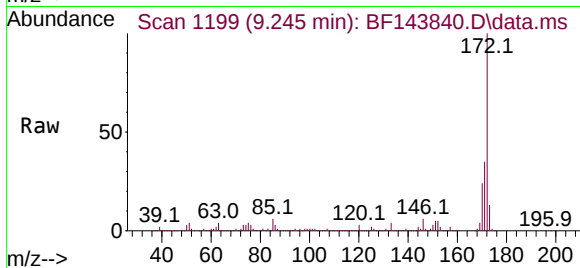
Tgt Ion:172 Resp: 1646395

Ion Ratio Lower Upper

172 100

171 35.1 27.9 41.9

170 23.9 19.1 28.7



#46

1,1'-Biphenyl

Concen: 50.153 ng

RT: 9.345 min Scan# 1216

Delta R.T. 0.000 min

Lab File: BF143840.D

Acq: 30 Sep 2025 18:35

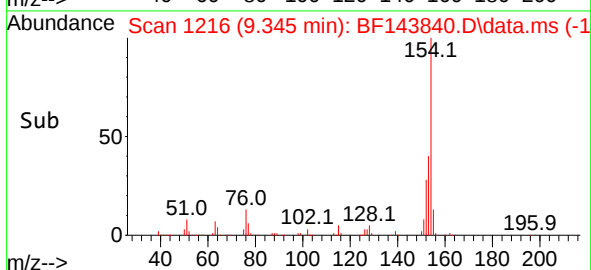
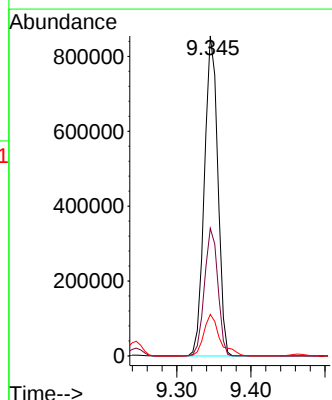
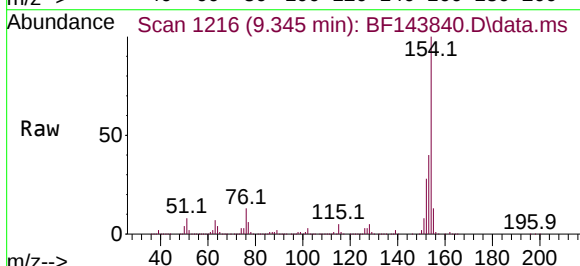
Tgt Ion:154 Resp: 1073808

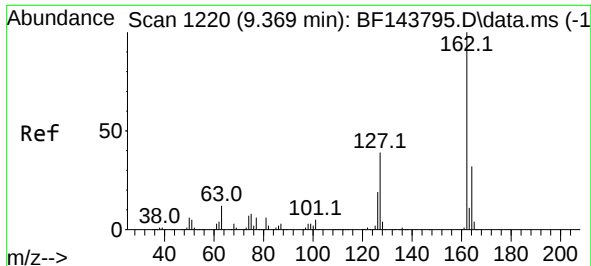
Ion Ratio Lower Upper

154 100

153 39.9 19.7 59.7

76 13.0 0.0 33.8





#47

2-Chloronaphthalene

Concen: 45.852 ng

RT: 9.375 min Scan# 1221

Delta R.T. -0.000 min

Lab File: BF143840.D

Acq: 30 Sep 2025 18:35

Instrument :

BNA_F

ClientSampleId :

EME-TS14-01MSD

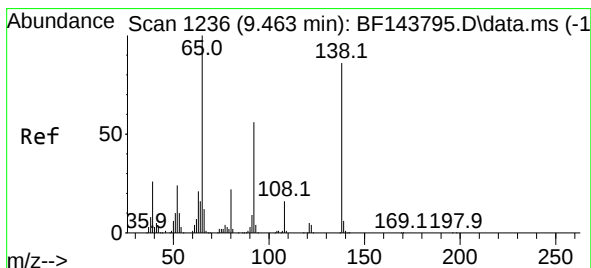
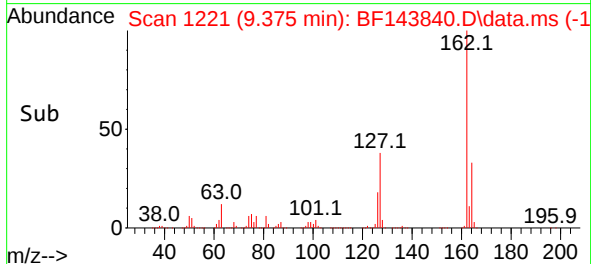
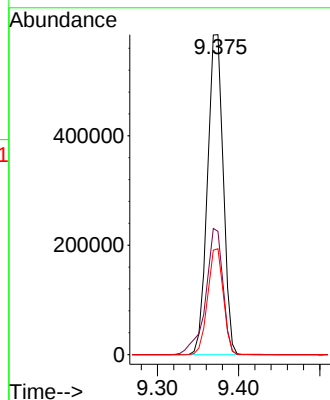
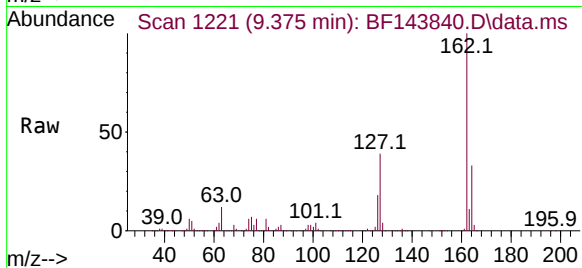
Tgt Ion:162 Resp: 790250

Ion Ratio Lower Upper

162 100

127 38.5 31.5 47.3

164 33.1 25.9 38.9



#48

2-Nitroaniline

Concen: 61.993 ng

RT: 9.463 min Scan# 1236

Delta R.T. -0.000 min

Lab File: BF143840.D

Acq: 30 Sep 2025 18:35

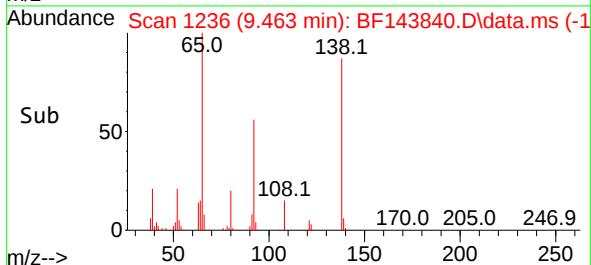
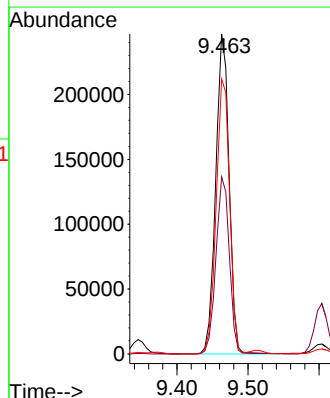
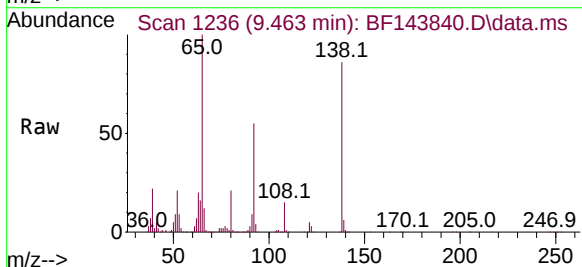
Tgt Ion: 65 Resp: 322921

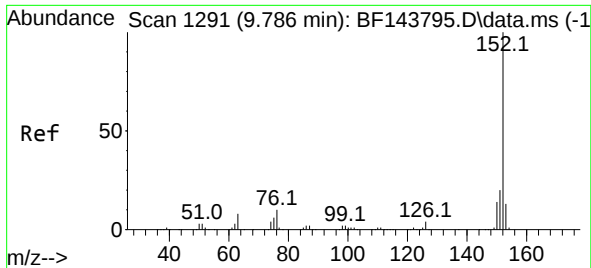
Ion Ratio Lower Upper

65 100

92 55.3 44.9 67.3

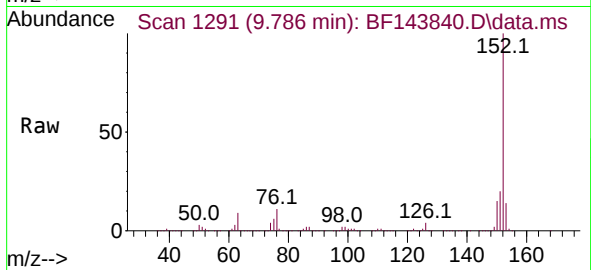
138 85.9 69.0 103.4



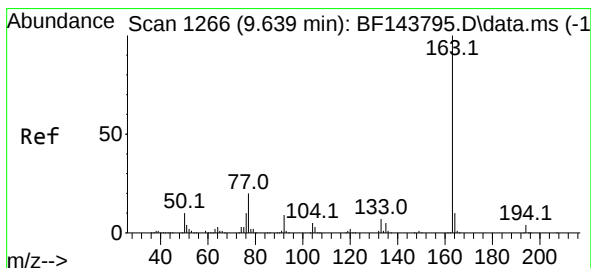
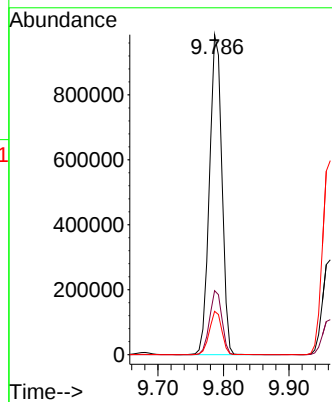
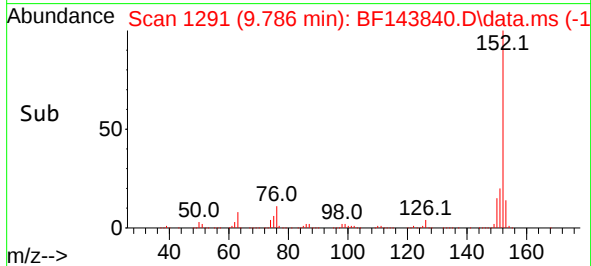


#49
Acenaphthylene
Concen: 54.513 ng
RT: 9.786 min Scan# 1291
Delta R.T. -0.000 min
Lab File: BF143840.D
Acq: 30 Sep 2025 18:35

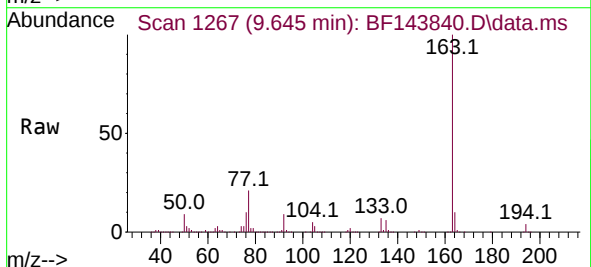
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD



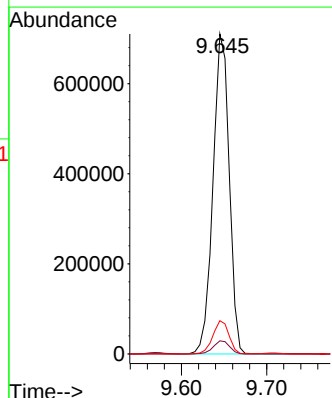
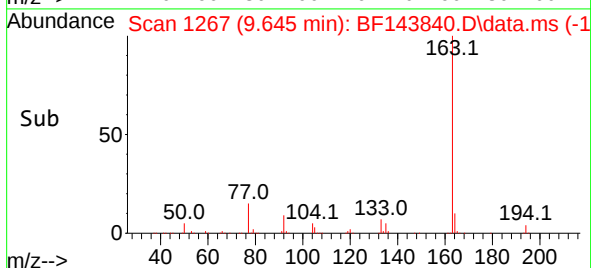
Tgt Ion:152 Resp: 1293376
Ion Ratio Lower Upper
152 100
151 20.0 15.7 23.5
153 13.5 10.6 15.8

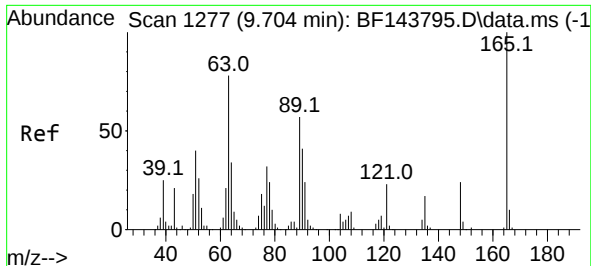


#50
Dimethylphthalate
Concen: 52.101 ng
RT: 9.645 min Scan# 1267
Delta R.T. 0.006 min
Lab File: BF143840.D
Acq: 30 Sep 2025 18:35



Tgt Ion:163 Resp: 939267
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.6
164 10.4 8.2 12.2

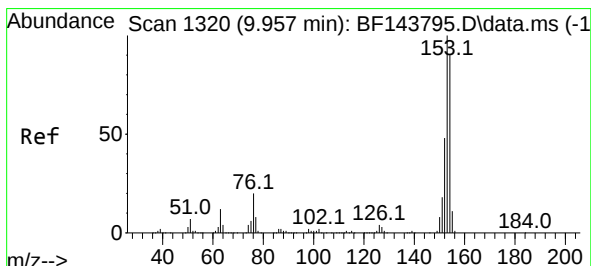
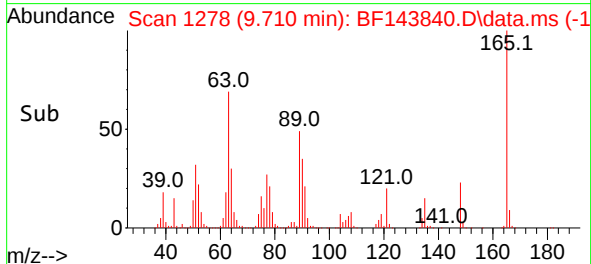
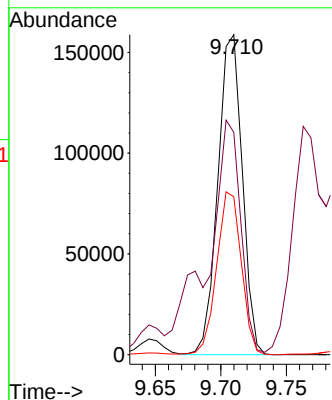
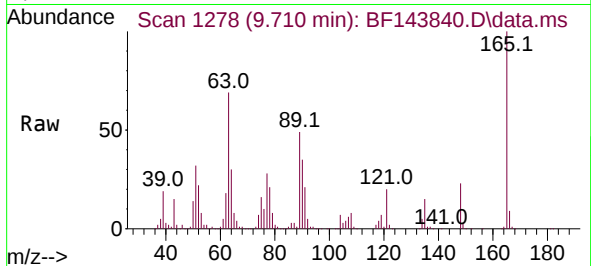




#51
2,6-Dinitrotoluene
Concen: 69.667 ng
RT: 9.710 min Scan# 1278
Delta R.T. 0.006 min
Lab File: BF143840.D
Acq: 30 Sep 2025 18:35

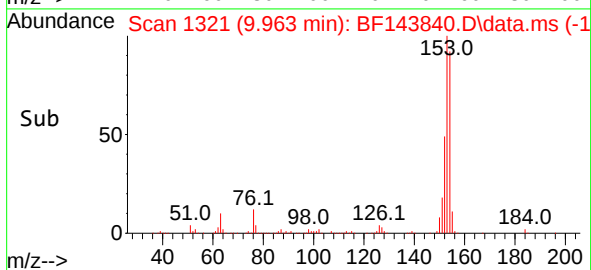
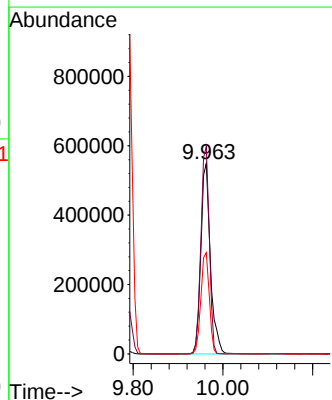
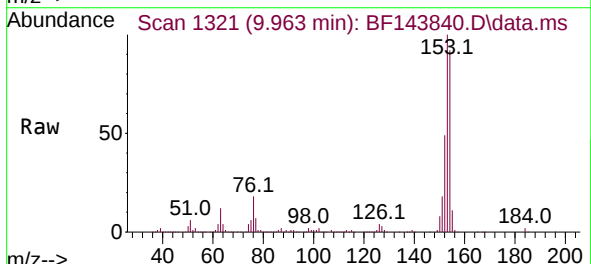
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

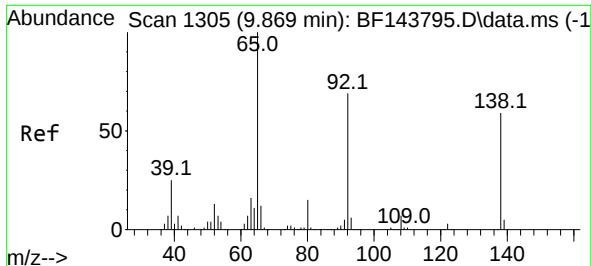
Tgt Ion:165 Resp: 206353
Ion Ratio Lower Upper
165 100
63 69.5 62.6 94.0
89 49.4 45.2 67.8



#52
Acenaphthene
Concen: 52.038 ng
RT: 9.963 min Scan# 1321
Delta R.T. -0.000 min
Lab File: BF143840.D
Acq: 30 Sep 2025 18:35

Tgt Ion:154 Resp: 812486
Ion Ratio Lower Upper
154 100
153 108.8 88.7 133.1
152 53.1 42.7 64.1

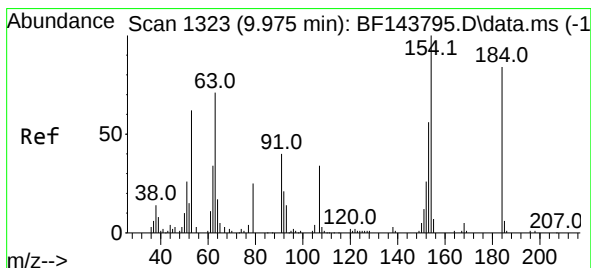
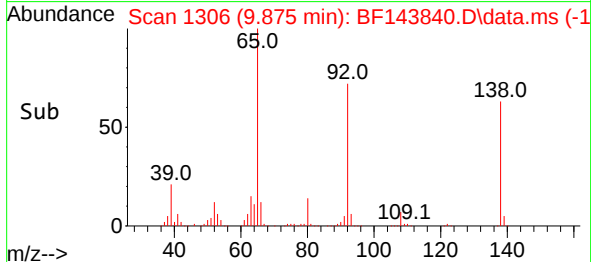
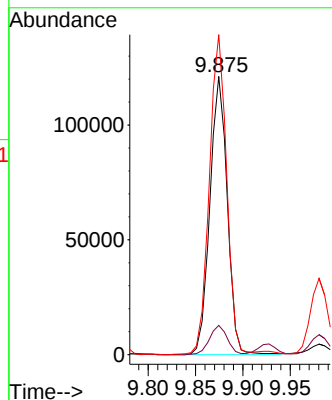
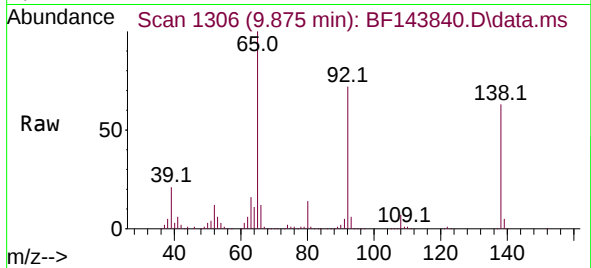




#53
3-Nitroaniline
Concen: 43.080 ng
RT: 9.875 min Scan# 1305
Delta R.T. -0.000 min
Lab File: BF143840.D
Acq: 30 Sep 2025 18:35

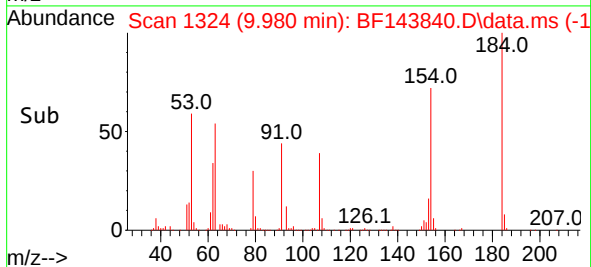
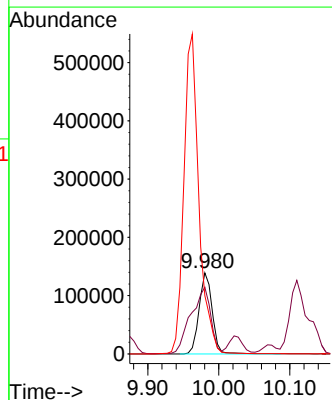
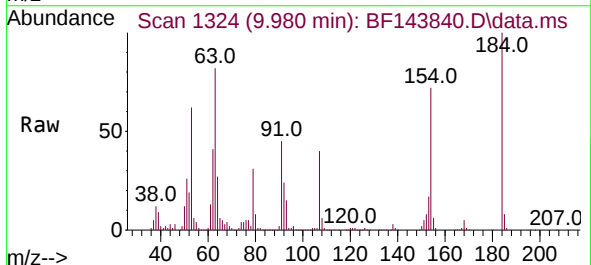
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

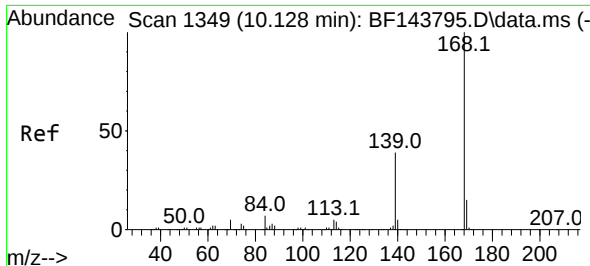
Tgt Ion:138 Resp: 154670
Ion Ratio Lower Upper
138 100
108 10.5 9.9 14.9
92 115.0 93.5 140.3



#54
2,4-Dinitrophenol
Concen: 112.202 ng
RT: 9.980 min Scan# 1324
Delta R.T. 0.005 min
Lab File: BF143840.D
Acq: 30 Sep 2025 18:35

Tgt Ion:184 Resp: 177900
Ion Ratio Lower Upper
184 100
63 82.3 84.6 127.0#
154 72.0 199.3 298.9#

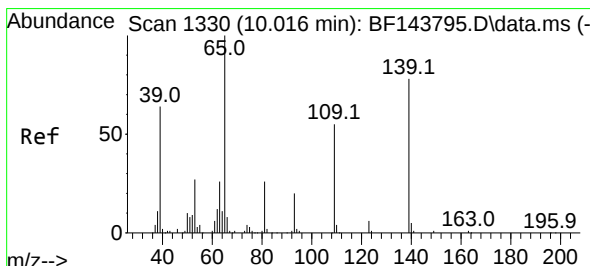
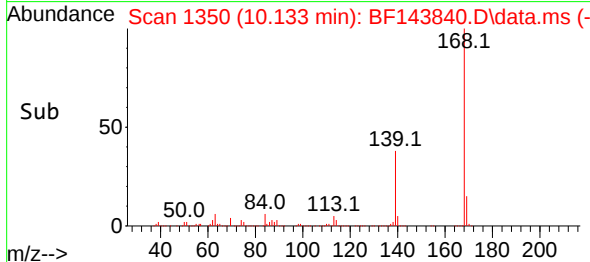
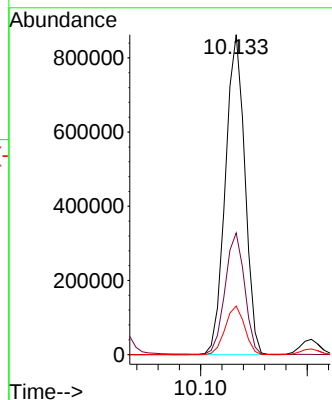
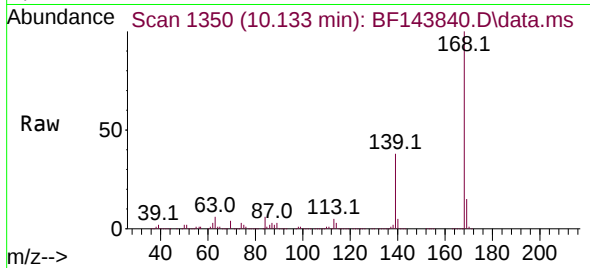




#55
Dibenzenofuran
Concen: 49.685 ng
RT: 10.133 min Scan# 1349
Delta R.T. -0.000 min
Lab File: BF143840.D
Acq: 30 Sep 2025 18:35

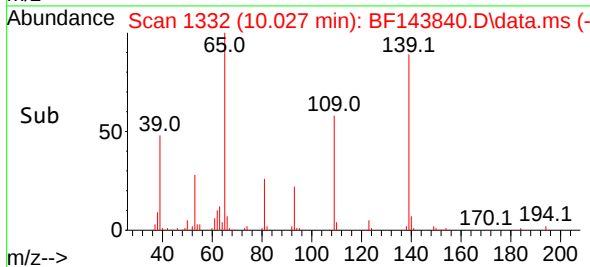
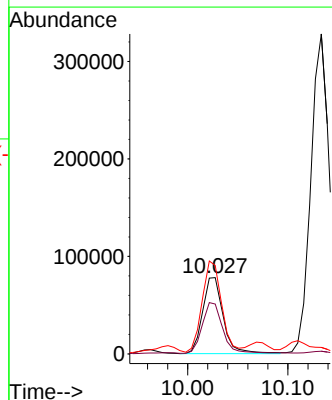
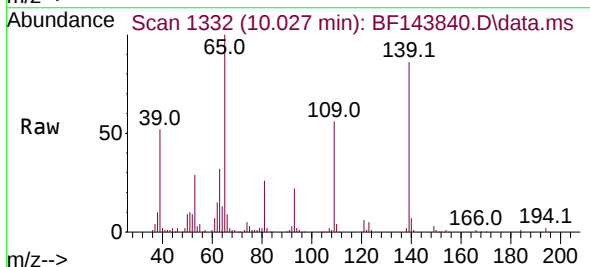
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

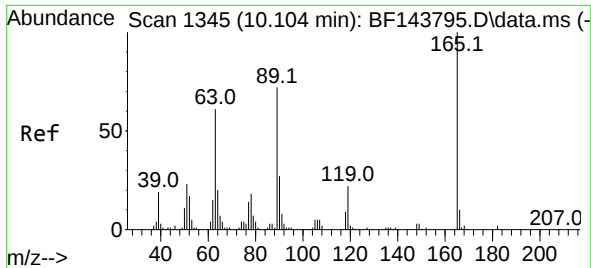
Tgt Ion:168 Resp: 1096972
Ion Ratio Lower Upper
168 100
139 38.0 31.0 46.6
169 15.2 11.9 17.9



#56
4-Nitrophenol
Concen: 38.316 ng
RT: 10.027 min Scan# 1332
Delta R.T. 0.006 min
Lab File: BF143840.D
Acq: 30 Sep 2025 18:35

Tgt Ion:139 Resp: 110855
Ion Ratio Lower Upper
139 100
109 65.5 50.2 90.2
65 115.9 109.2 149.2

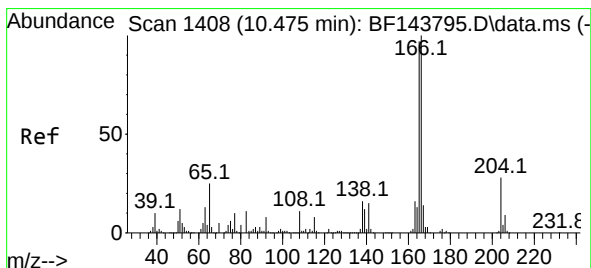
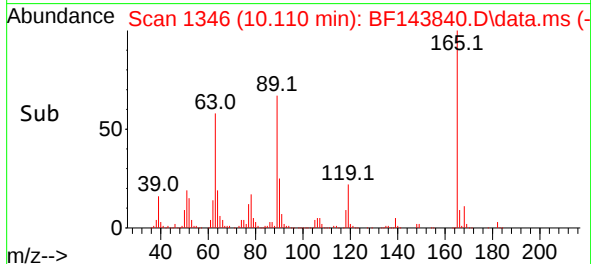
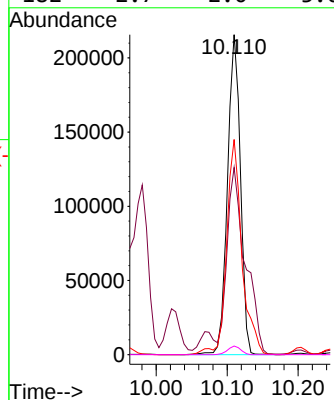
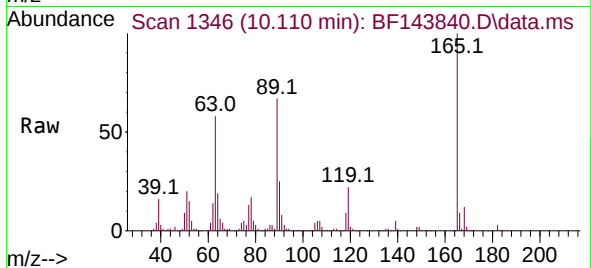




#57
2,4-Dinitrotoluene
Concen: 61.212 ng
RT: 10.110 min Scan# 1346
Delta R.T. -0.000 min
Lab File: BF143840.D
Acq: 30 Sep 2025 18:35

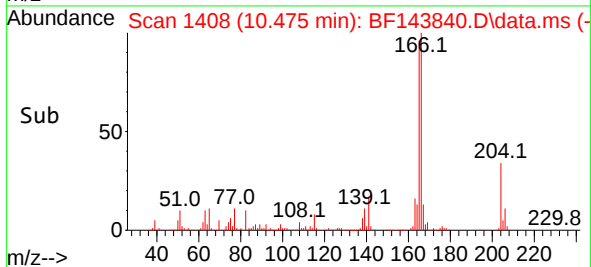
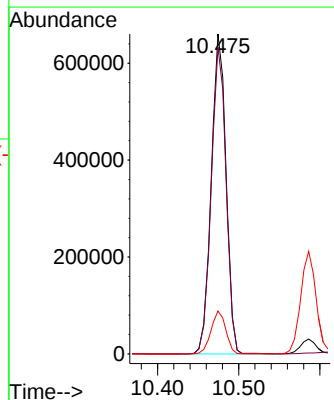
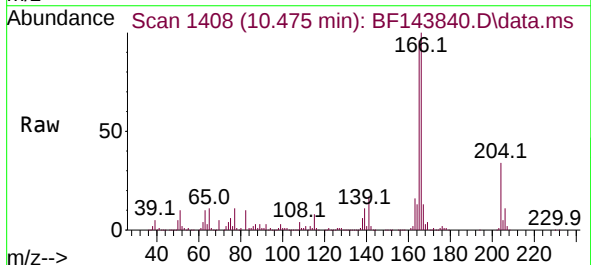
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

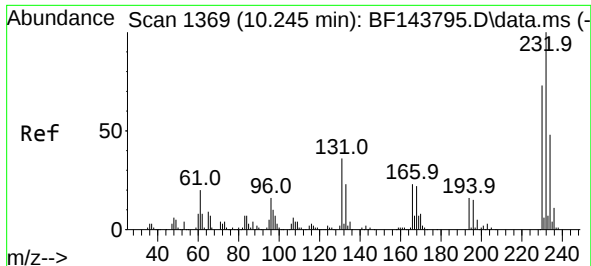
Tgt Ion:165 Resp: 272876
Ion Ratio Lower Upper
165 100
63 58.5 48.9 73.3
89 67.3 57.5 86.3
182 2.7 2.0 3.0



#58
Fluorene
Concen: 50.994 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF143840.D
Acq: 30 Sep 2025 18:35

Tgt Ion:166 Resp: 836993
Ion Ratio Lower Upper
166 100
165 95.9 78.0 117.0
167 13.4 10.9 16.3

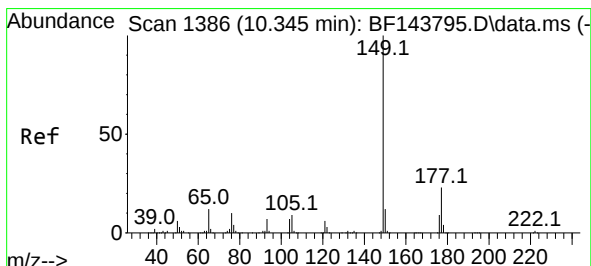
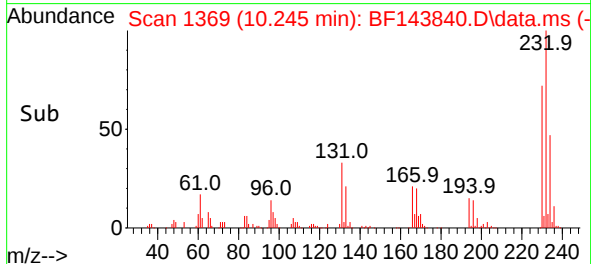
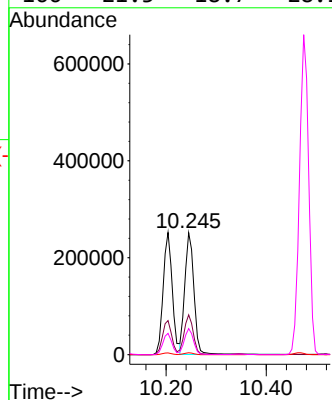
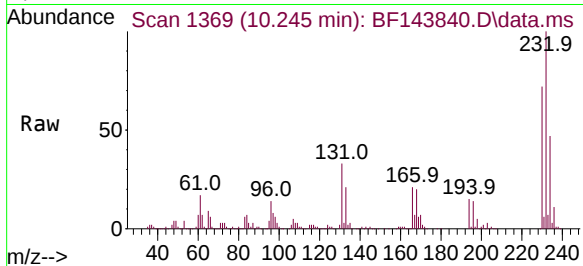




#59
2,3,4,6-Tetrachlorophenol
Concen: 63.631 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.000 min
Lab File: BF143840.D
Acq: 30 Sep 2025 18:35

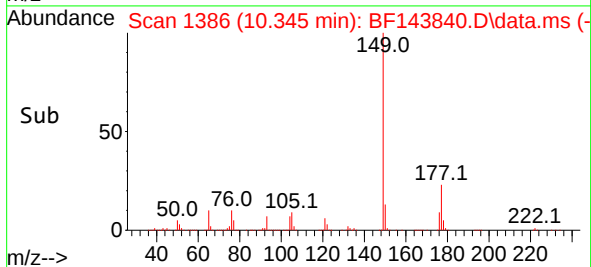
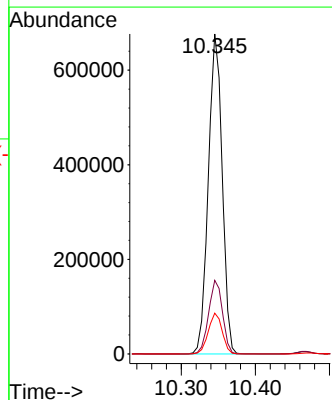
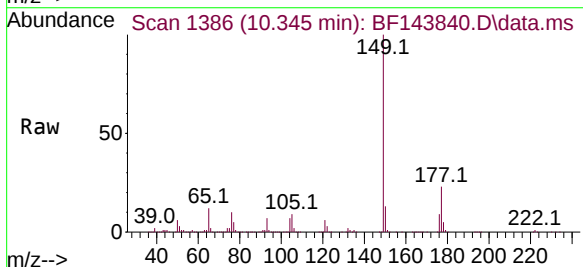
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

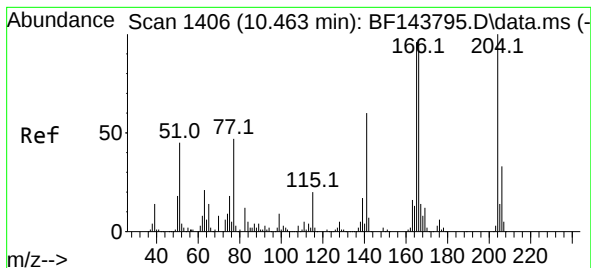
Tgt Ion:232 Resp: 318686
Ion Ratio Lower Upper
232 100
131 32.9 29.4 44.2
130 1.5 1.3 1.9
166 21.3 18.7 28.1



#60
Diethylphthalate
Concen: 52.242 ng
RT: 10.345 min Scan# 1386
Delta R.T. -0.000 min
Lab File: BF143840.D
Acq: 30 Sep 2025 18:35

Tgt Ion:149 Resp: 881630
Ion Ratio Lower Upper
149 100
177 23.0 18.1 27.1
150 12.7 9.7 14.5

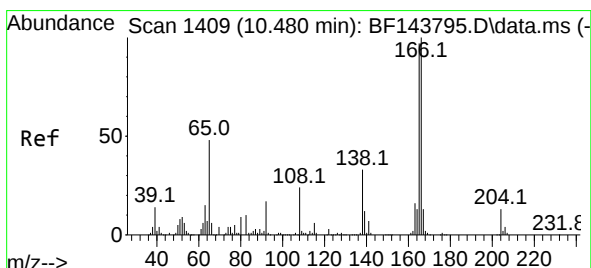
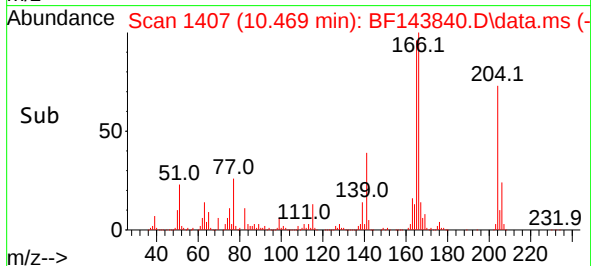
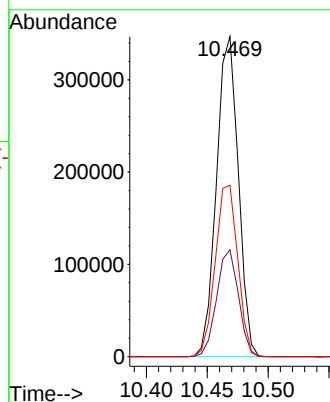
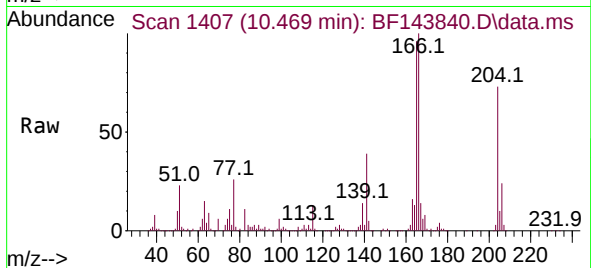




#61
4-Chlorophenyl-phenylether
Concen: 51.726 ng
RT: 10.469 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF143840.D
Acq: 30 Sep 2025 18:35

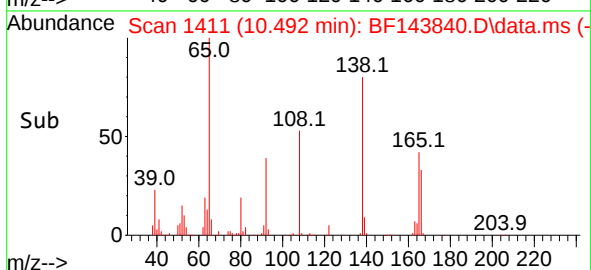
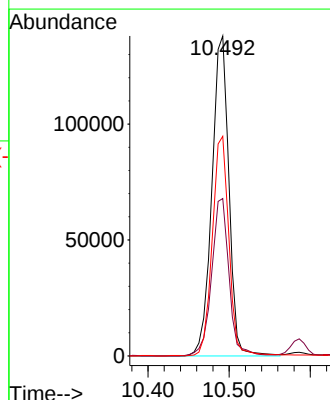
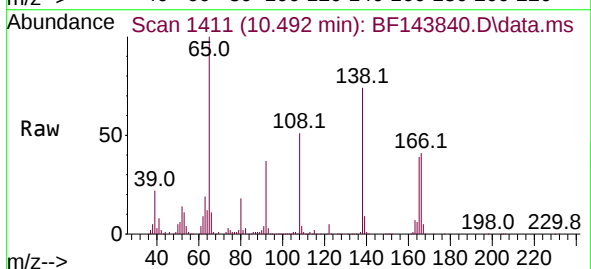
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

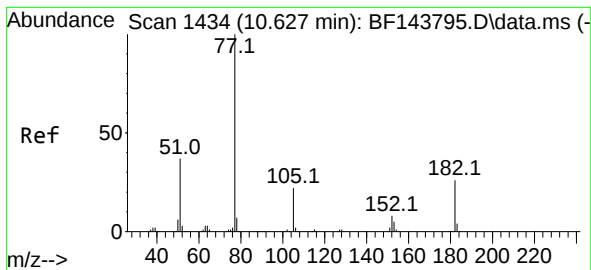
Tgt Ion:204 Resp: 432597
Ion Ratio Lower Upper
204 100
206 33.4 26.7 40.1
141 53.6 48.2 72.2



#62
4-Nitroaniline
Concen: 59.653 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF143840.D
Acq: 30 Sep 2025 18:35

Tgt Ion:138 Resp: 201378
Ion Ratio Lower Upper
138 100
92 49.2 31.5 71.5
108 68.6 51.9 91.9

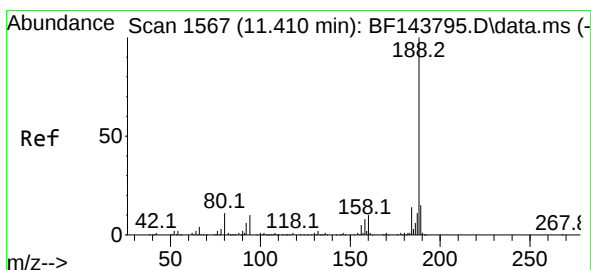
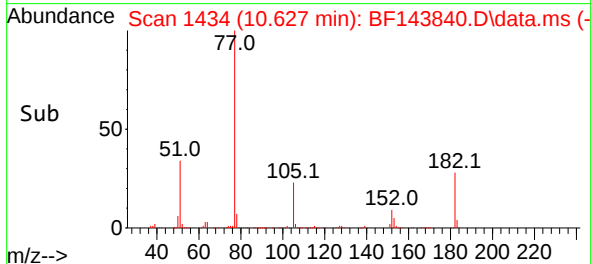
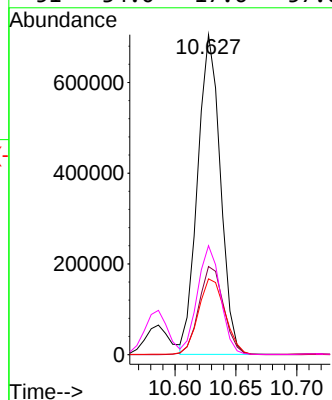
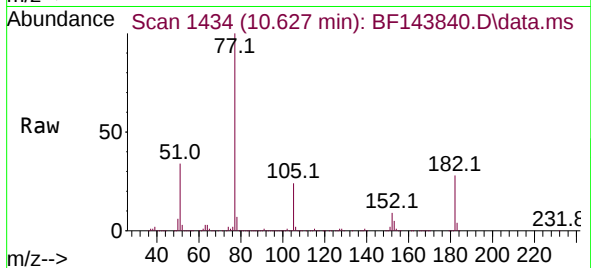




#63
Azobenzene
Concen: 51.521 ng
RT: 10.627 min Scan# 1434
Delta R.T. -0.000 min
Lab File: BF143840.D
Acq: 30 Sep 2025 18:35

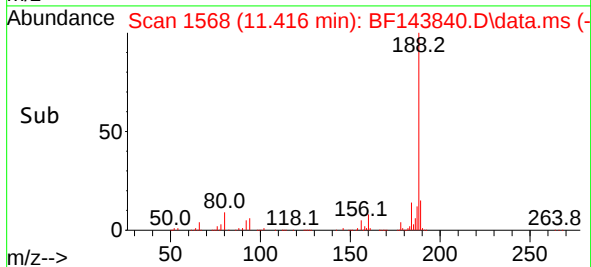
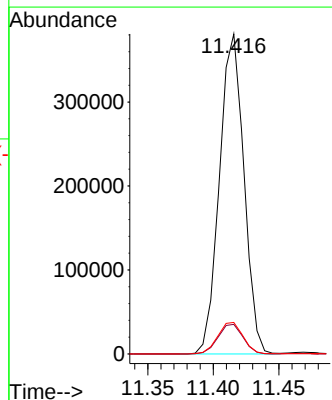
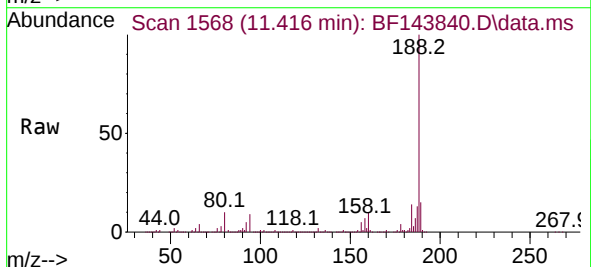
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

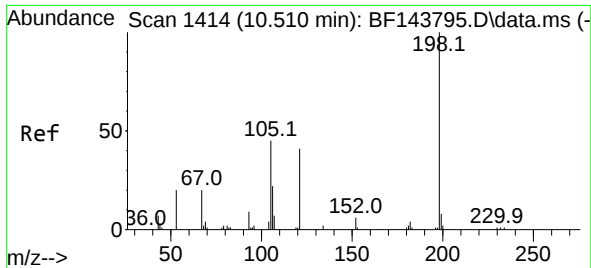
Tgt Ion: 77	Resp: 916316
Ion Ratio	Lower Upper
77 100	
182 27.5	5.9 45.9
105 23.7	2.3 42.3
51 34.0	17.6 57.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. -0.000 min
Lab File: BF143840.D
Acq: 30 Sep 2025 18:35

Tgt Ion:188	Resp: 495559
Ion Ratio	Lower Upper
188 100	
94 9.2	8.2 12.2
80 9.8	8.6 12.8

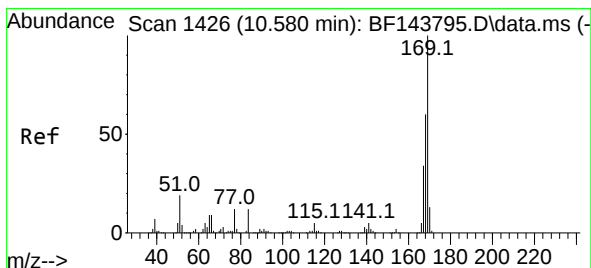
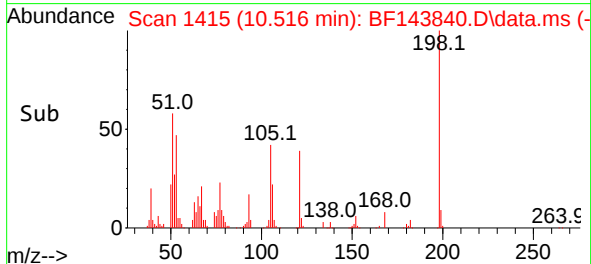
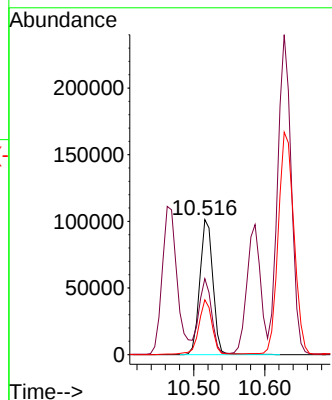
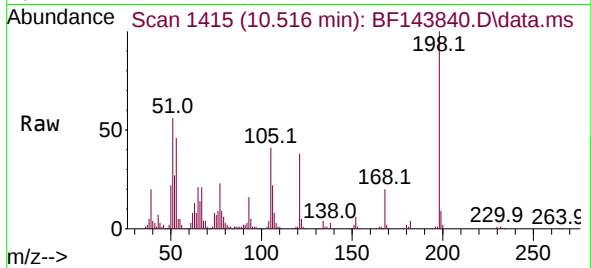




#65
4,6-Dinitro-2-methylphenol
Concen: 64.652 ng
RT: 10.516 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF143840.D
Acq: 30 Sep 2025 18:35

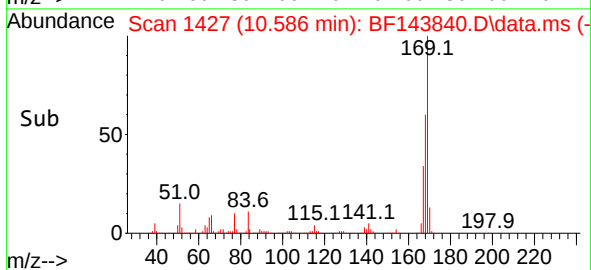
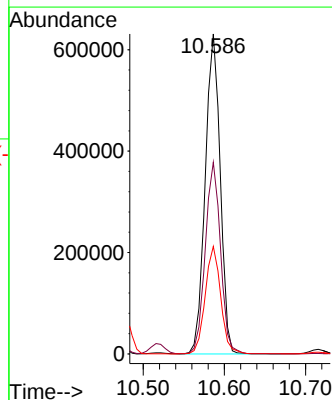
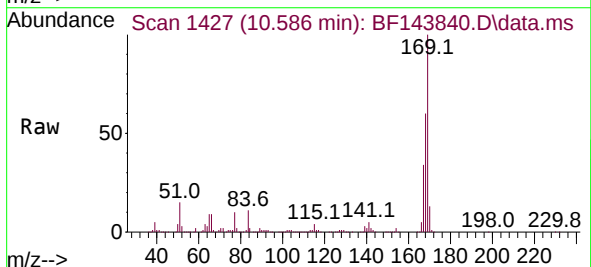
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

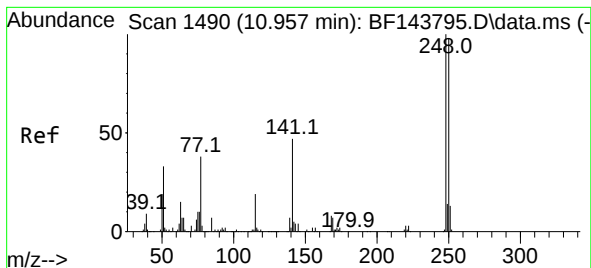
Tgt Ion:198 Resp: 128926
Ion Ratio Lower Upper
198 100
51 56.3 52.0 92.0
105 40.6 27.5 67.5



#66
n-Nitrosodiphenylamine
Concen: 49.778 ng
RT: 10.586 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BF143840.D
Acq: 30 Sep 2025 18:35

Tgt Ion:169 Resp: 811250
Ion Ratio Lower Upper
169 100
168 59.9 47.9 71.9
167 33.6 27.0 40.6

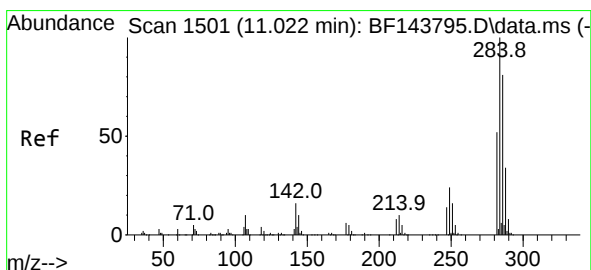
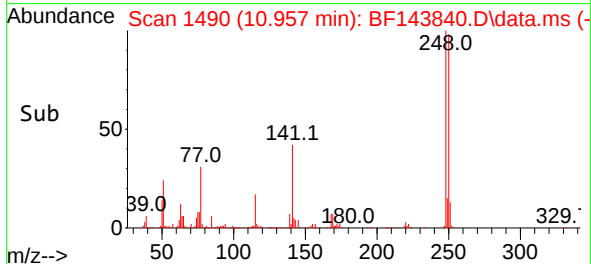
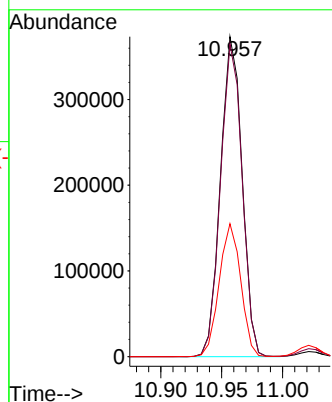
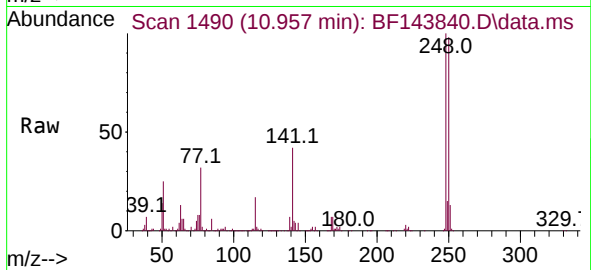




#67
4-Bromophenyl-phenylether
Concen: 54.531 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.000 min
Lab File: BF143840.D
Acq: 30 Sep 2025 18:35

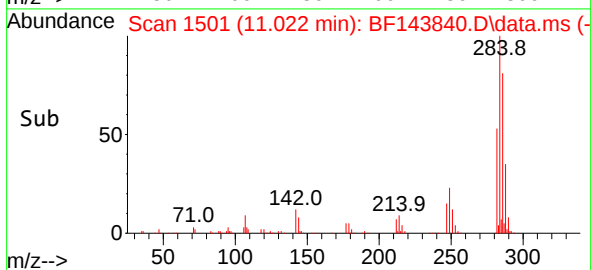
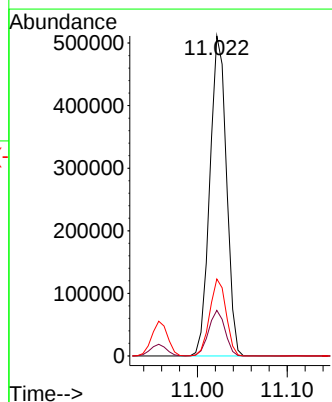
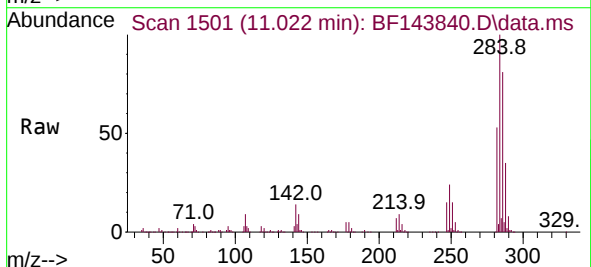
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

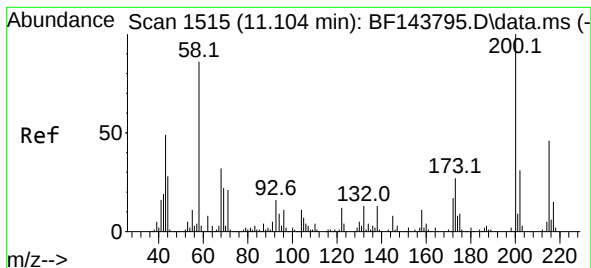
Tgt Ion:248 Resp: 460521
Ion Ratio Lower Upper
248 100
250 97.6 78.7 118.1
141 41.5 37.9 56.9



#68
Hexachlorobenzene
Concen: 56.377 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.000 min
Lab File: BF143840.D
Acq: 30 Sep 2025 18:35

Tgt Ion:284 Resp: 656128
Ion Ratio Lower Upper
284 100
142 14.2 13.1 19.7
249 24.0 19.5 29.3





#69

Atrazine

Concen: 54.975 ng

RT: 11.110 min Scan# 1516

Delta R.T. -0.000 min

Lab File: BF143840.D

Acq: 30 Sep 2025 18:35

Instrument :

BNA_F

ClientSampleId :

EME-TS14-01MSD

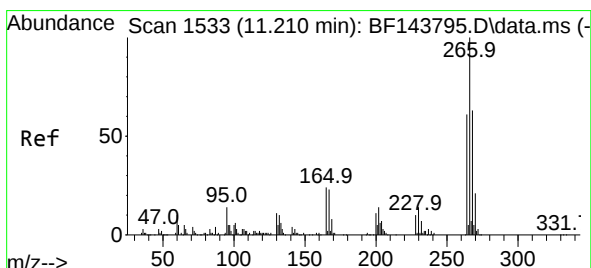
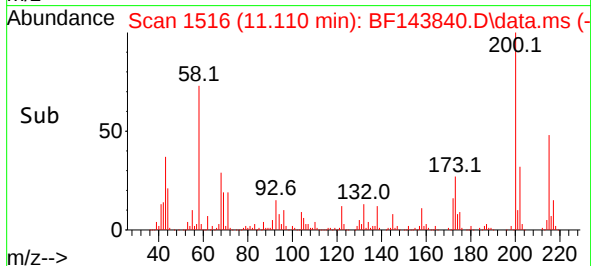
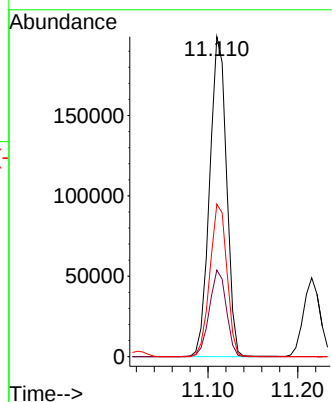
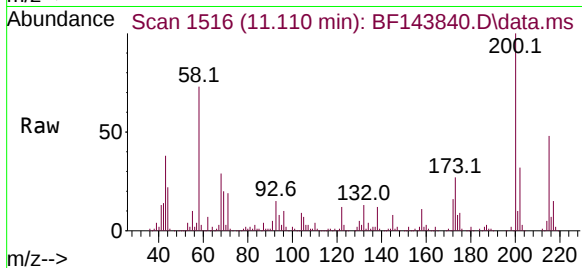
Tgt Ion:200 Resp: 259448

Ion Ratio Lower Upper

200 100

173 27.0 7.2 47.2

215 47.6 26.0 66.0



#70

Pentachlorophenol

Concen: 117.281 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.000 min

Lab File: BF143840.D

Acq: 30 Sep 2025 18:35

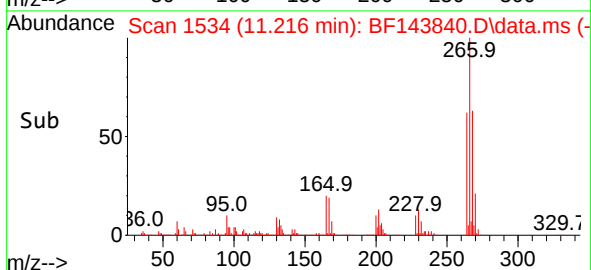
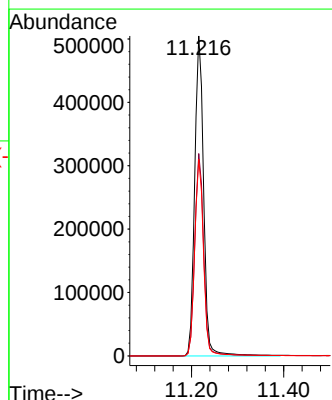
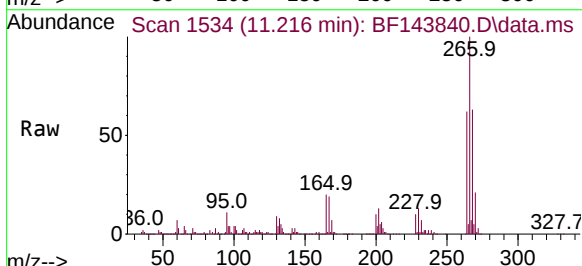
Tgt Ion:266 Resp: 679436

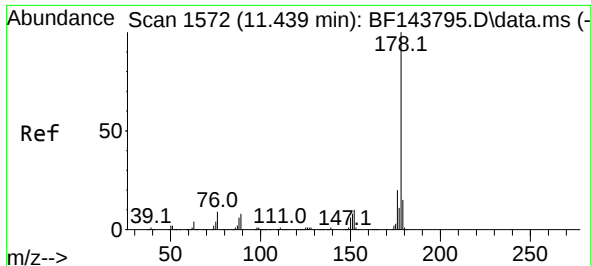
Ion Ratio Lower Upper

266 100

268 63.2 50.5 75.7

264 61.5 48.8 73.2

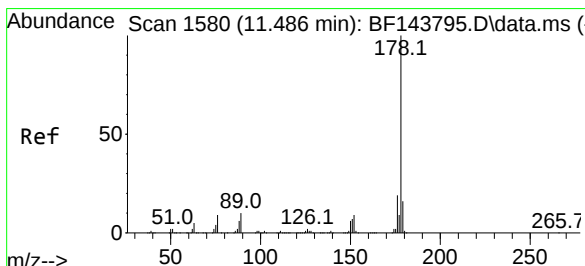
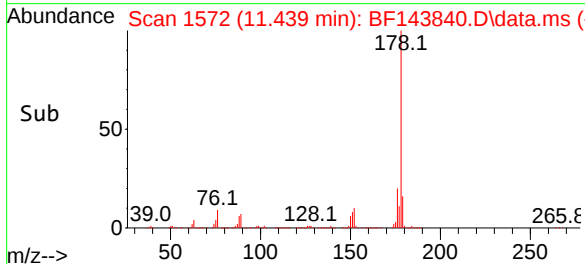
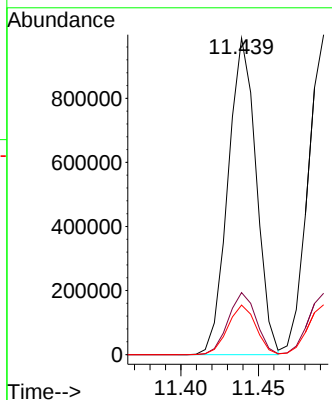
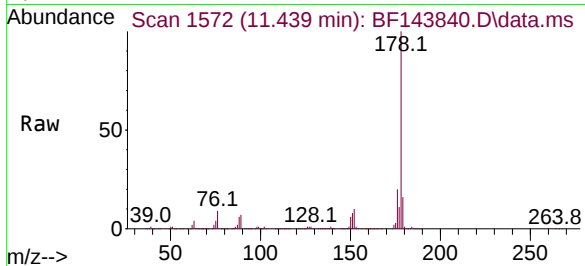




#71
Phenanthrene
Concen: 49.014 ng
RT: 11.439 min Scan# 1572
Delta R.T. -0.000 min
Lab File: BF143840.D
Acq: 30 Sep 2025 18:35

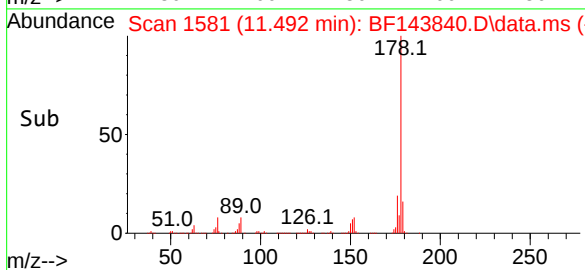
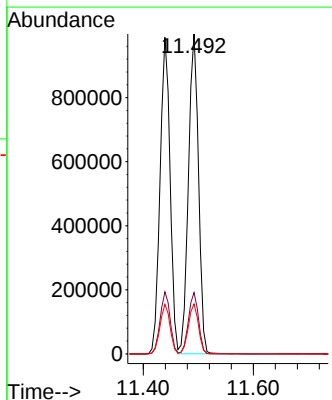
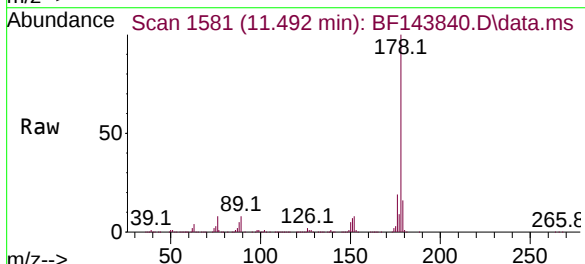
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

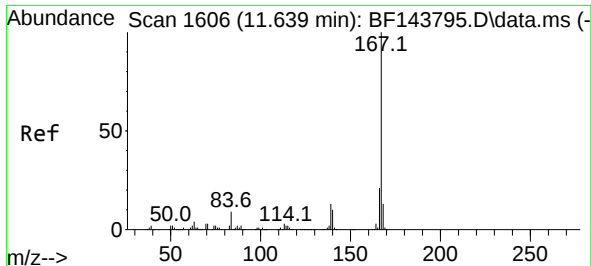
Tgt Ion:178 Resp: 1247011
Ion Ratio Lower Upper
178 100
176 19.6 15.6 23.4
179 15.6 12.2 18.4



#72
Anthracene
Concen: 49.682 ng
RT: 11.492 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BF143840.D
Acq: 30 Sep 2025 18:35

Tgt Ion:178 Resp: 1267883
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.6 12.8 19.2

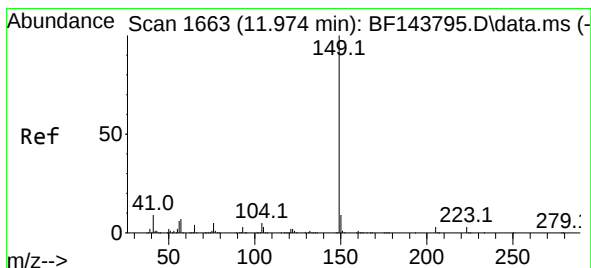
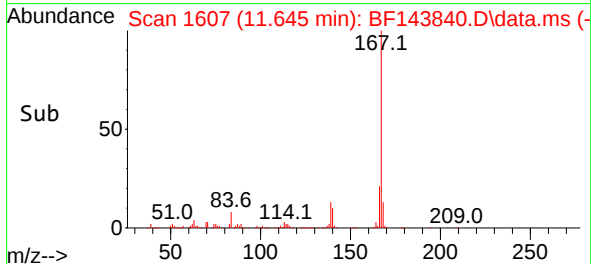
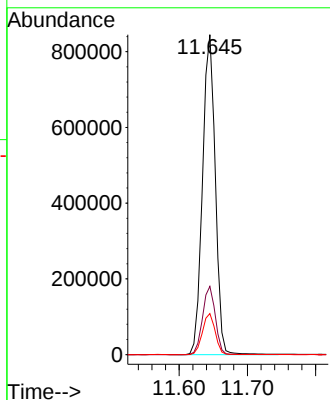
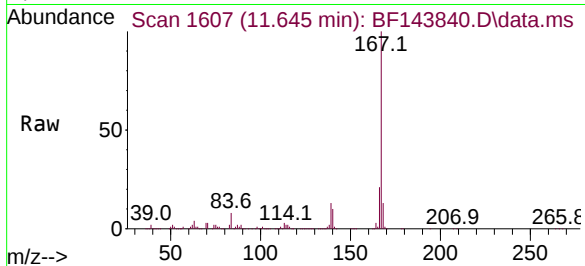




#73
Carbazole
Concen: 49.408 ng
RT: 11.645 min Scan# 1607
Delta R.T. -0.000 min
Lab File: BF143840.D
Acq: 30 Sep 2025 18:35

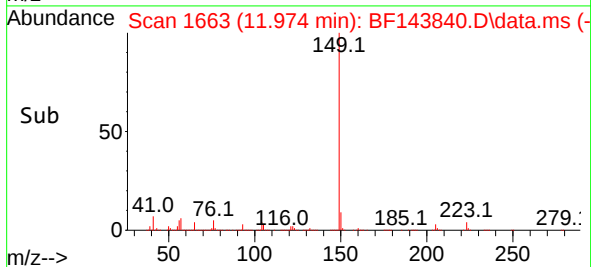
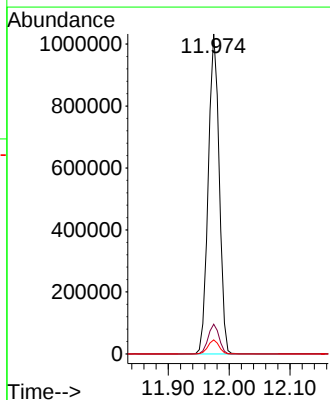
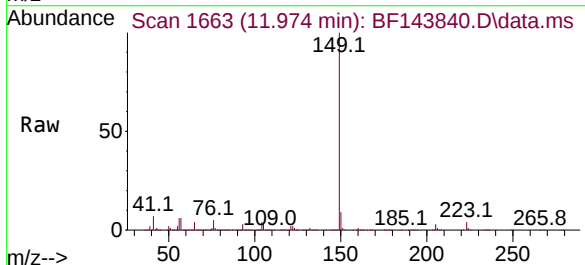
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

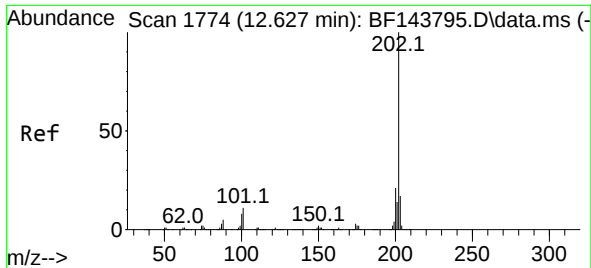
Tgt Ion:167 Resp: 1102440
Ion Ratio Lower Upper
167 100
166 21.3 17.0 25.4
139 12.8 10.6 15.8



#74
Di-n-butylphthalate
Concen: 50.161 ng
RT: 11.974 min Scan# 1663
Delta R.T. -0.000 min
Lab File: BF143840.D
Acq: 30 Sep 2025 18:35

Tgt Ion:149 Resp: 1287218
Ion Ratio Lower Upper
149 100
150 9.3 7.3 10.9
104 4.4 3.6 5.4

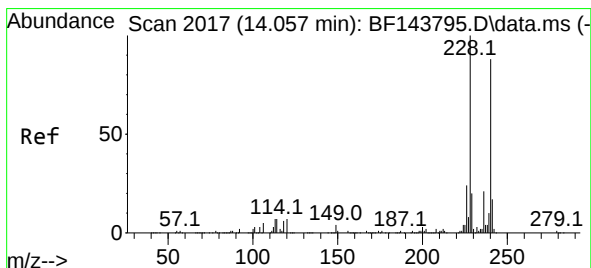
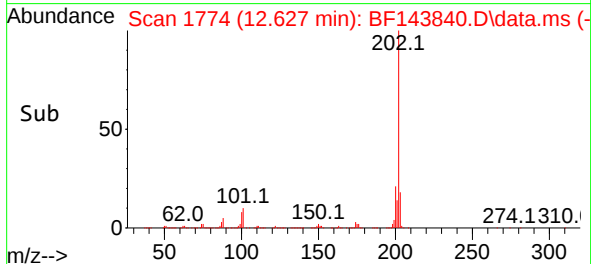
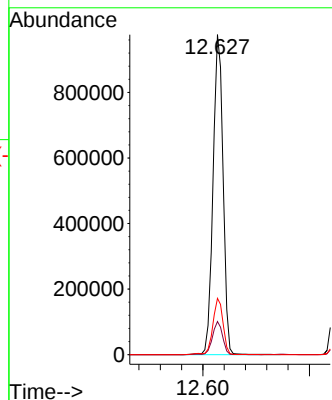
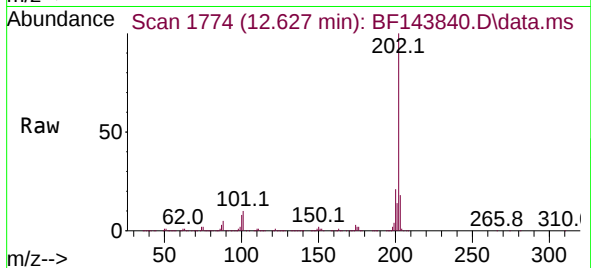




#75
Fluoranthene
Concen: 49.879 ng
RT: 12.627 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143840.D
Acq: 30 Sep 2025 18:35

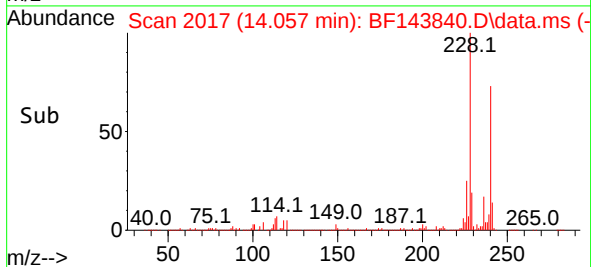
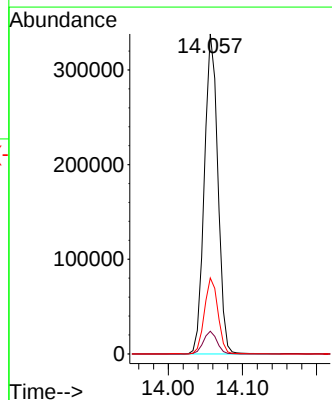
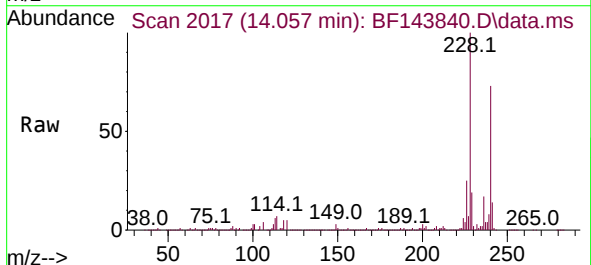
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

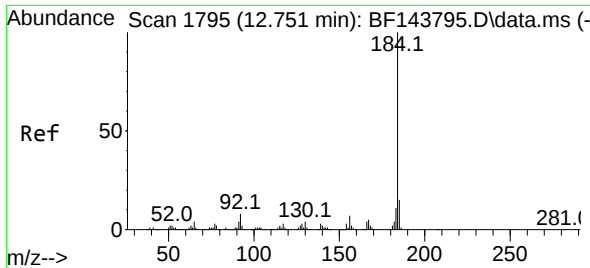
Tgt Ion:202 Resp: 1276355
Ion Ratio Lower Upper
202 100
101 10.3 0.0 31.1
203 17.6 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF143840.D
Acq: 30 Sep 2025 18:35

Tgt Ion:240 Resp: 427552
Ion Ratio Lower Upper
240 100
120 7.1 6.2 9.4
236 23.7 19.4 29.2

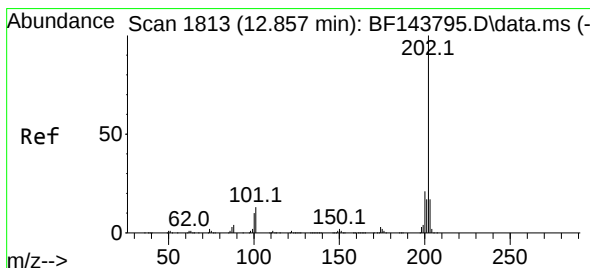
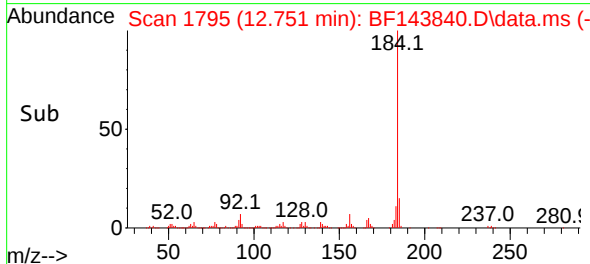
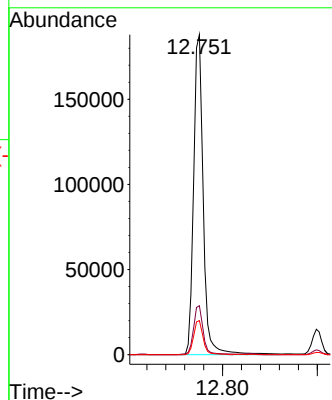
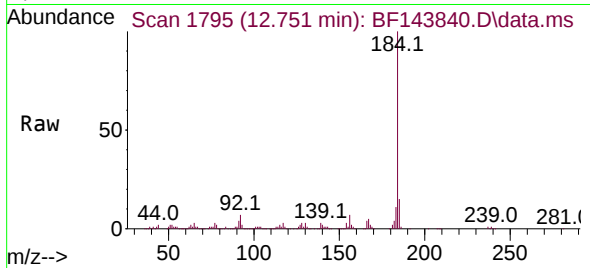




#77
Benzidine
Concen: 25.450 ng
RT: 12.751 min Scan# 1795
Delta R.T. -0.000 min
Lab File: BF143840.D
Acq: 30 Sep 2025 18:35

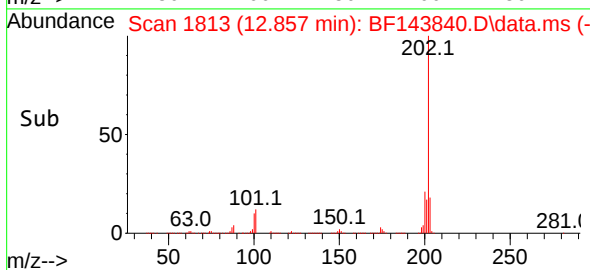
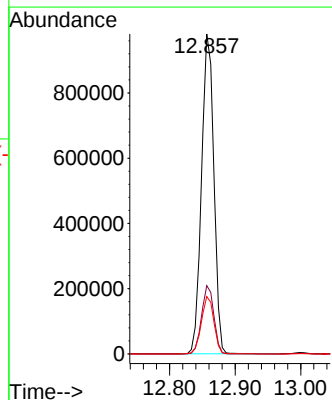
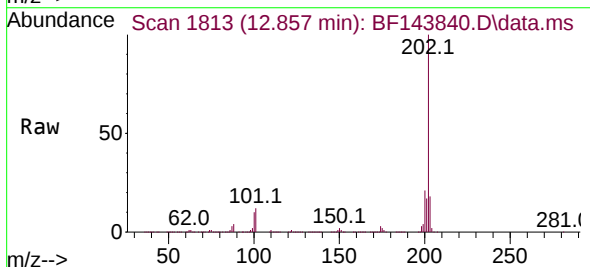
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

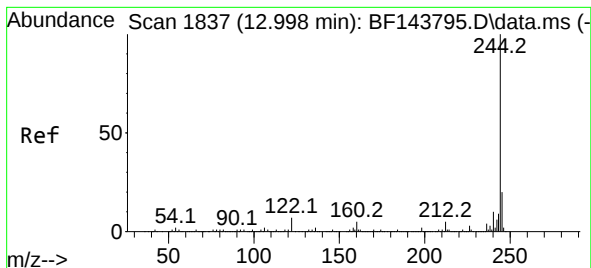
Tgt Ion:184 Resp: 265152
Ion Ratio Lower Upper
184 100
185 15.3 11.6 17.4
183 10.6 8.6 13.0



#78
Pyrene
Concen: 60.578 ng
RT: 12.857 min Scan# 1813
Delta R.T. -0.000 min
Lab File: BF143840.D
Acq: 30 Sep 2025 18:35

Tgt Ion:202 Resp: 1273365
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.4
203 18.0 13.9 20.9





#79

Terphenyl-d14

Concen: 112.482 ng

RT: 12.998 min Scan# 1837

Delta R.T. -0.006 min

Lab File: BF143840.D

Acq: 30 Sep 2025 18:35

Instrument :

BNA_F

ClientSampleId :

EME-TS14-01MSD

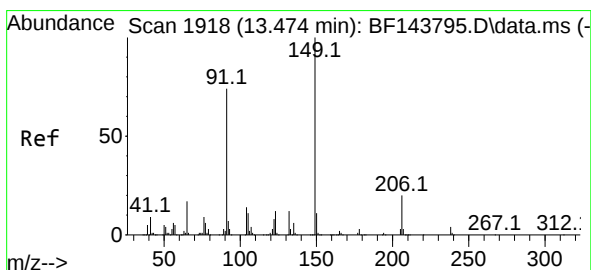
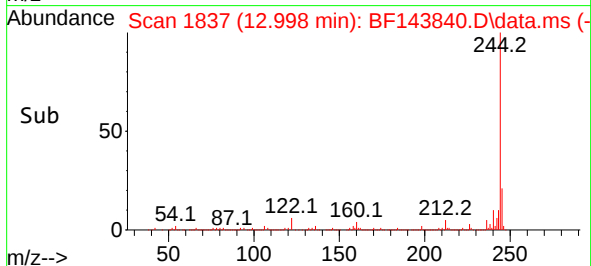
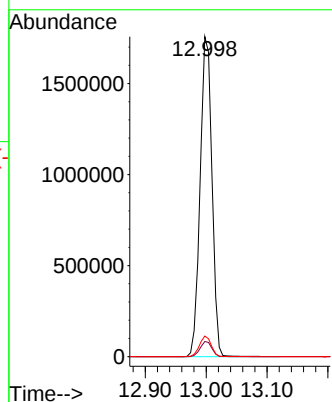
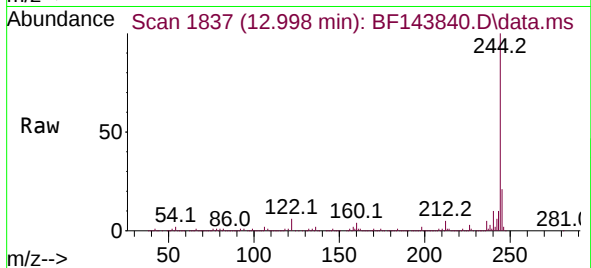
Tgt Ion:244 Resp: 2364696

Ion Ratio Lower Upper

244 100

212 4.7 3.9 5.9

122 6.4 5.6 8.4



#80

Butylbenzylphthalate

Concen: 56.626 ng

RT: 13.474 min Scan# 1918

Delta R.T. -0.006 min

Lab File: BF143840.D

Acq: 30 Sep 2025 18:35

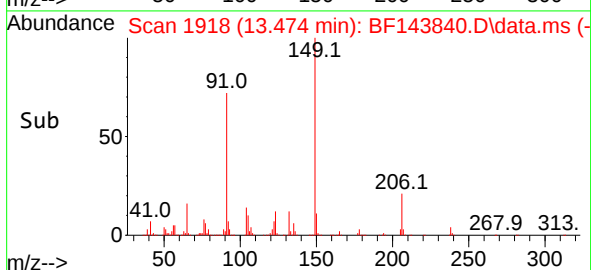
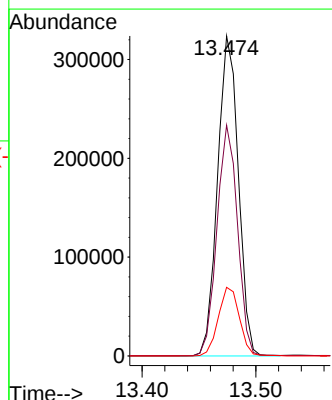
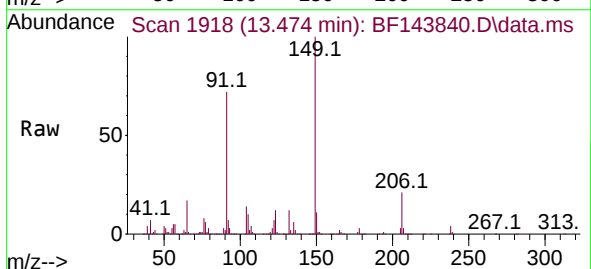
Tgt Ion:149 Resp: 411811

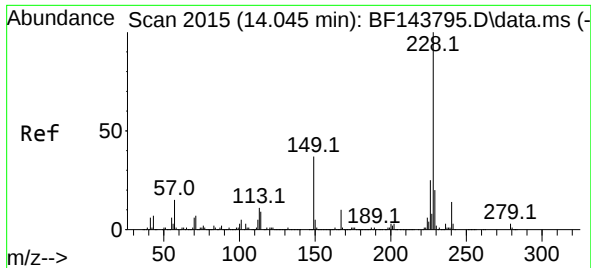
Ion Ratio Lower Upper

149 100

91 72.1 59.5 89.3

206 21.4 16.1 24.1

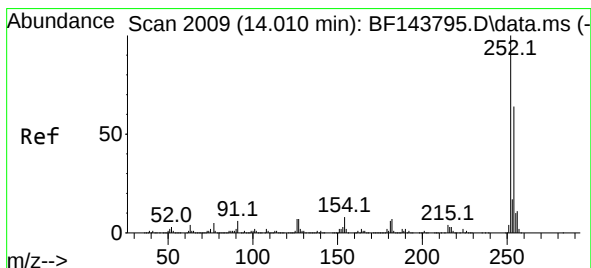
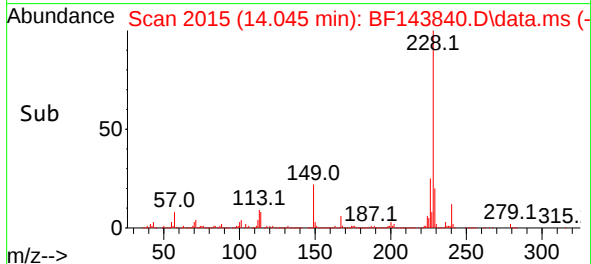
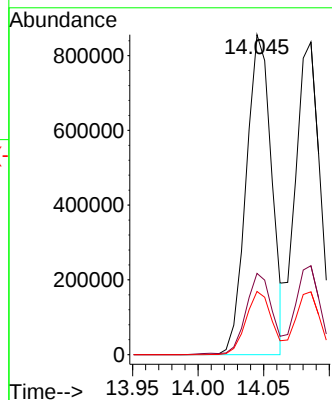
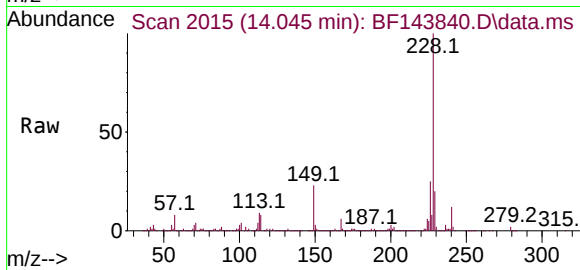




#81
Benzo(a)anthracene
Concen: 50.256 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF143840.D
Acq: 30 Sep 2025 18:35

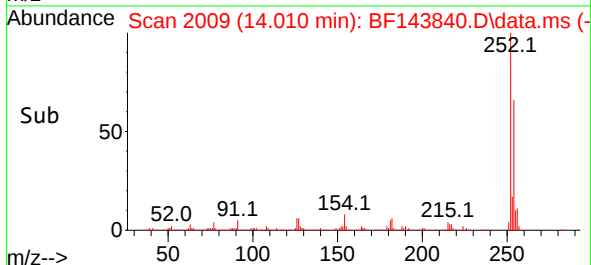
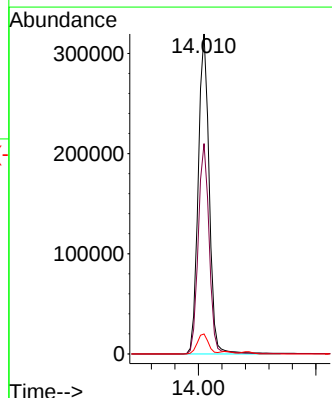
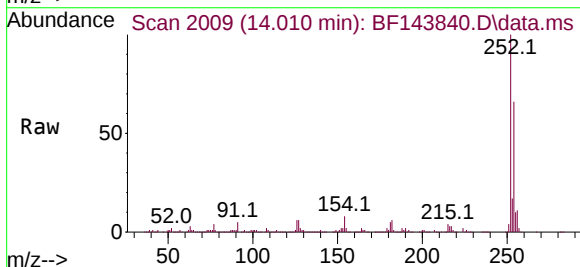
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

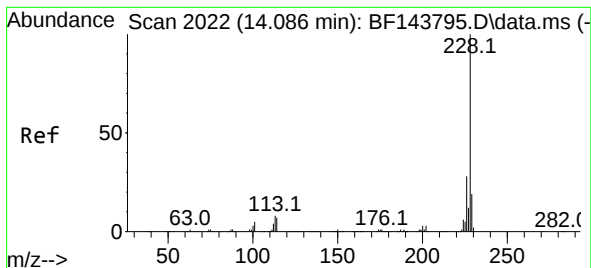
Tgt Ion:228 Resp: 1154327
Ion Ratio Lower Upper
228 100
226 25.4 20.2 30.2
229 19.7 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 41.502 ng
RT: 14.010 min Scan# 2009
Delta R.T. -0.000 min
Lab File: BF143840.D
Acq: 30 Sep 2025 18:35

Tgt Ion:252 Resp: 412972
Ion Ratio Lower Upper
252 100
254 65.7 51.5 77.3
126 6.2 5.4 8.2





#83

Chrysene

Concen: 52.559 ng

RT: 14.086 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF143840.D

Acq: 30 Sep 2025 18:35

Instrument :

BNA_F

ClientSampleId :

EME-TS14-01MSD

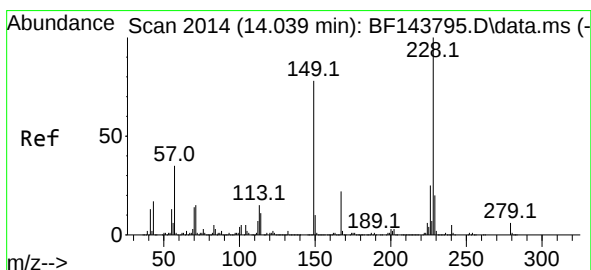
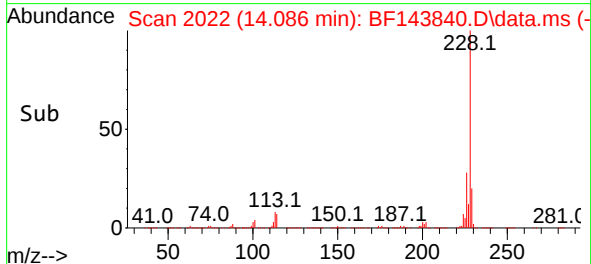
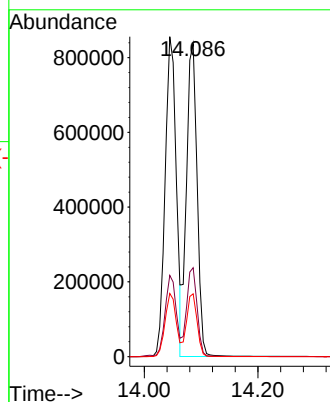
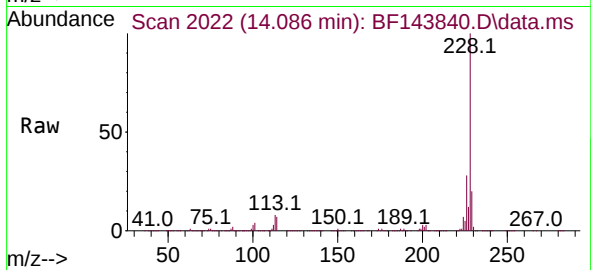
Tgt Ion:228 Resp: 1092366

Ion Ratio Lower Upper

228 100

226 28.4 22.6 33.8

229 20.1 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.272 ng

RT: 14.033 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF143840.D

Acq: 30 Sep 2025 18:35

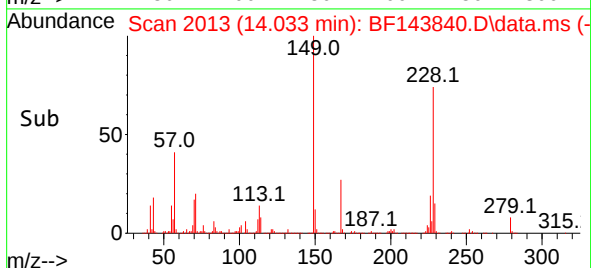
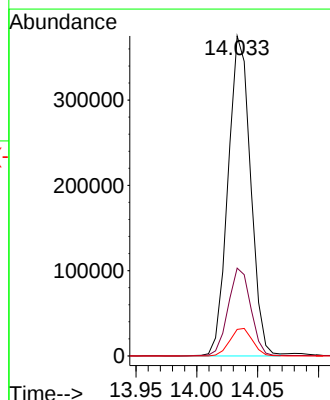
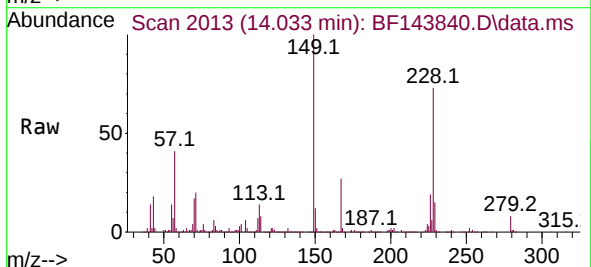
Tgt Ion:149 Resp: 482590

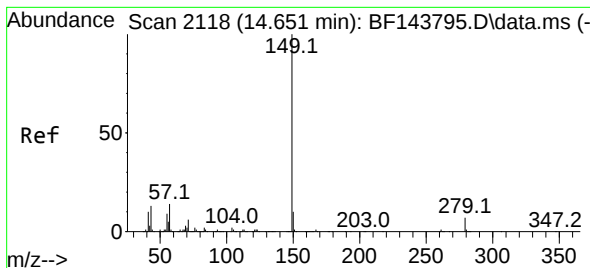
Ion Ratio Lower Upper

149 100

167 27.4 22.2 33.2

279 8.3 6.0 9.0

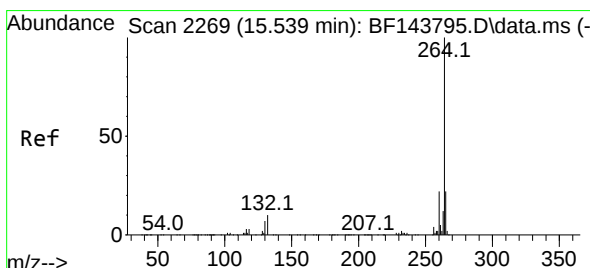
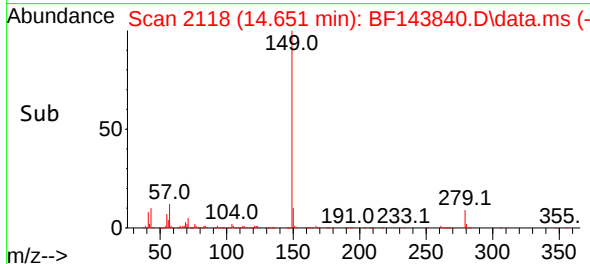
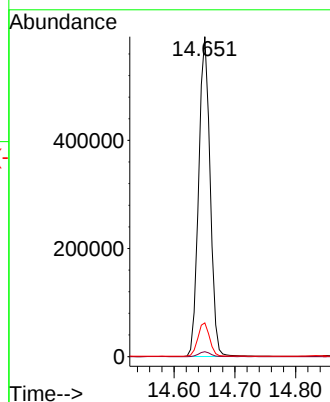
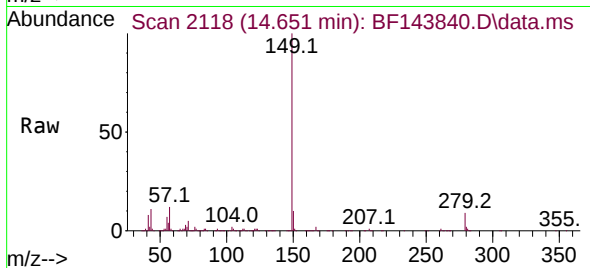




#85
Di-n-octyl phthalate
Concen: 40.009 ng
RT: 14.651 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BF143840.D
Acq: 30 Sep 2025 18:35

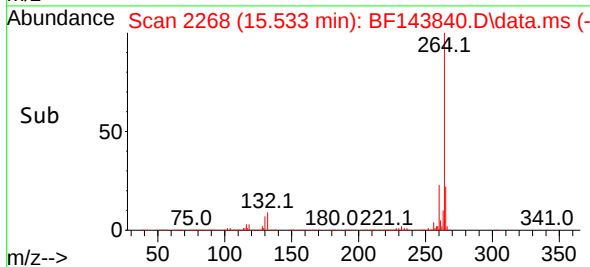
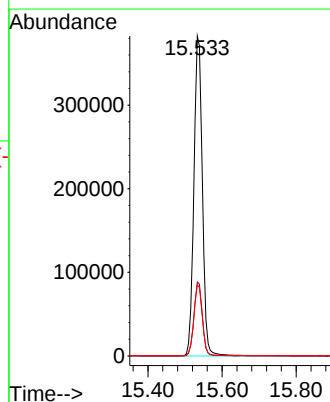
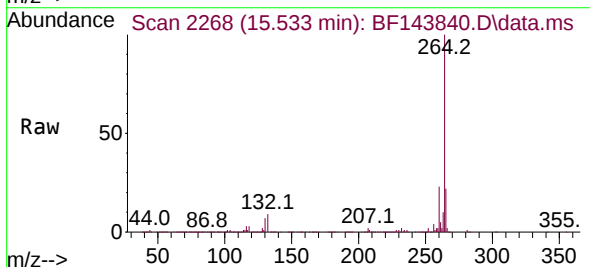
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

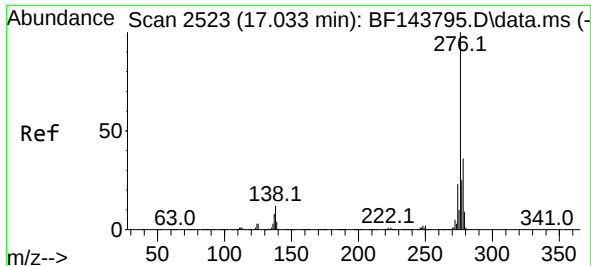
Tgt Ion:149 Resp: 773621
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 10.8 10.7 16.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF143840.D
Acq: 30 Sep 2025 18:35

Tgt Ion:264 Resp: 608800
Ion Ratio Lower Upper
264 100
260 23.1 17.9 26.9
265 22.3 17.7 26.5

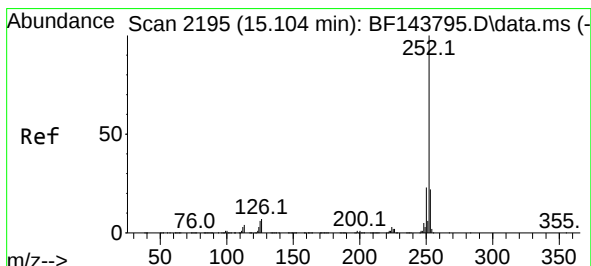
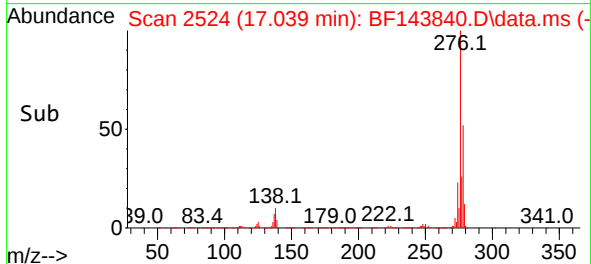
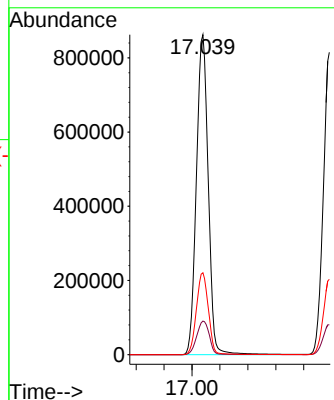
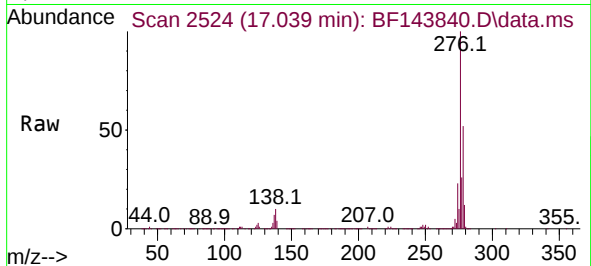




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 54.738 ng
 RT: 17.039 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF143840.D
 Acq: 30 Sep 2025 18:35

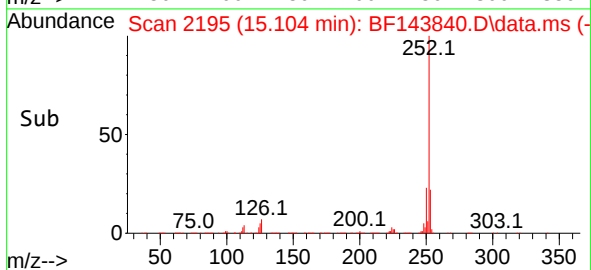
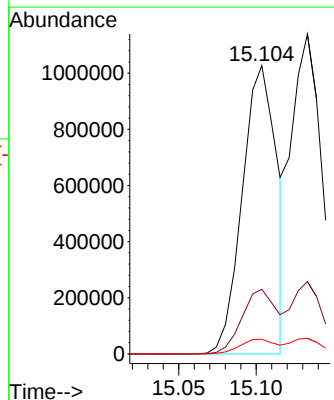
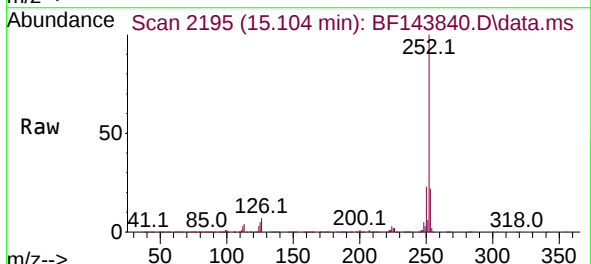
Instrument :
 BNA_F
 ClientSampleId :
 EME-TS14-01MSD

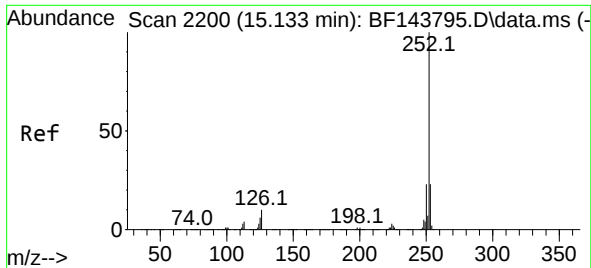
Tgt Ion:276 Resp: 2528473
 Ion Ratio Lower Upper
 276 100
 138 11.1 10.6 15.8
 277 25.8 20.7 31.1



#88
 Benzo(b)fluoranthene
 Concen: 51.190 ng
 RT: 15.104 min Scan# 2195
 Delta R.T. -0.000 min
 Lab File: BF143840.D
 Acq: 30 Sep 2025 18:35

Tgt Ion:252 Resp: 1587051
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.8 26.8
 125 5.1 4.4 6.6

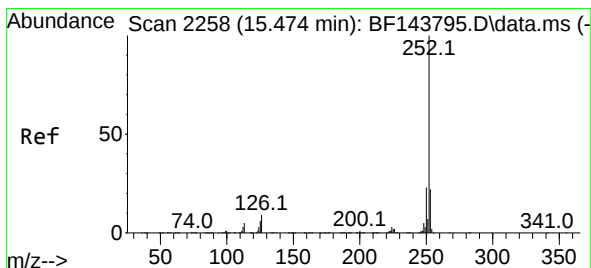
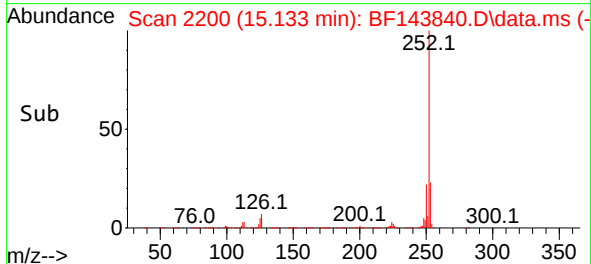
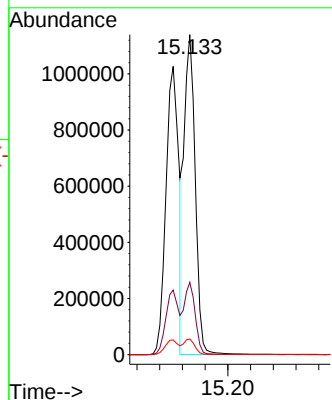
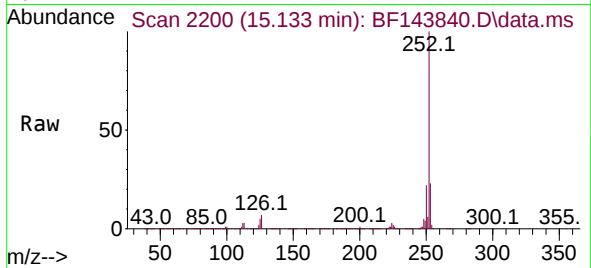




#89
Benzo(k)fluoranthene
Concen: 50.798 ng
RT: 15.133 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143840.D
Acq: 30 Sep 2025 18:35

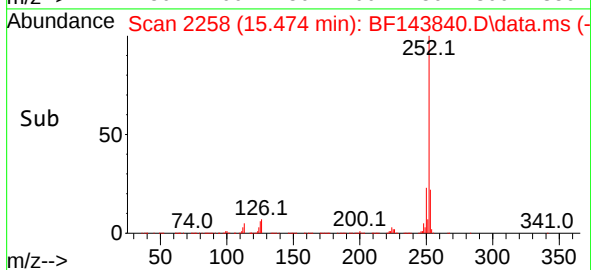
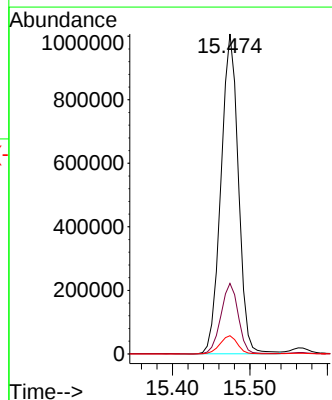
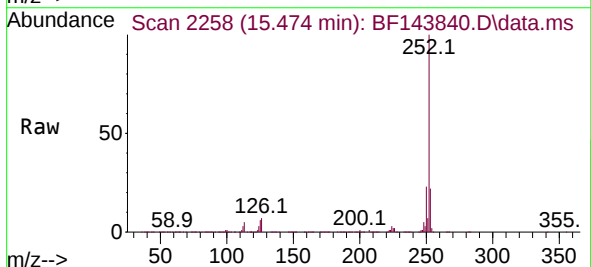
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

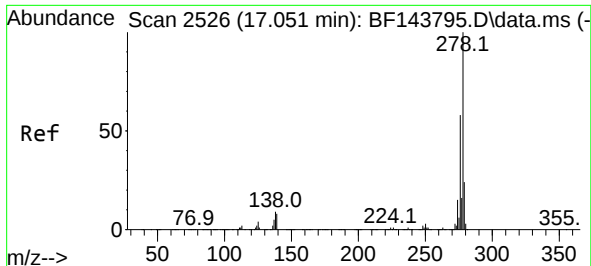
Tgt Ion:252 Resp: 1582239
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 4.9 4.6 6.8



#90
Benzo(a)pyrene
Concen: 54.021 ng
RT: 15.474 min Scan# 2258
Delta R.T. -0.006 min
Lab File: BF143840.D
Acq: 30 Sep 2025 18:35

Tgt Ion:252 Resp: 1574313
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 5.7 5.0 7.4

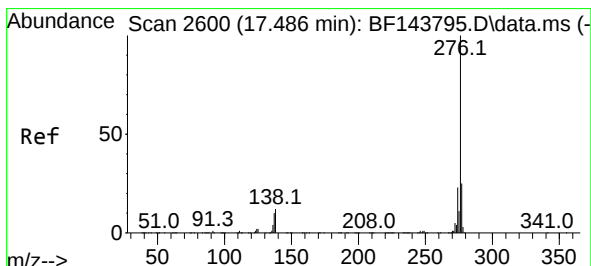
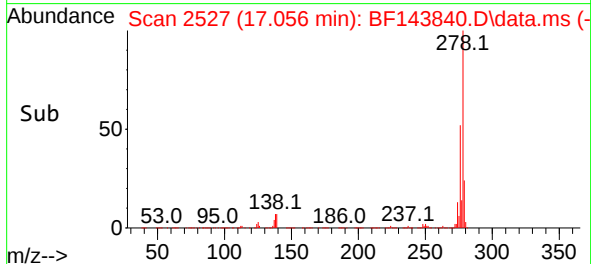
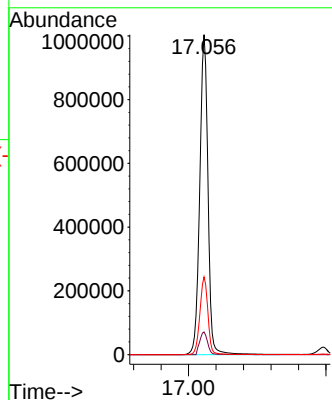
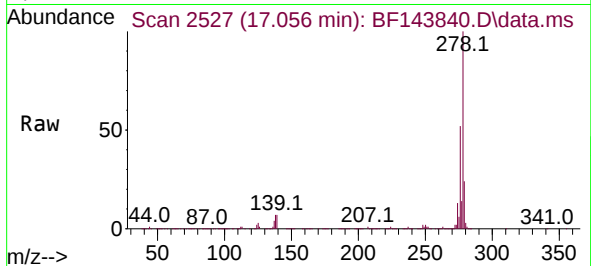




#91
 Dibenzo(a,h)anthracene
 Concen: 54.888 ng
 RT: 17.056 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF143840.D
 Acq: 30 Sep 2025 18:35

Instrument :
 BNA_F
 ClientSampleId :
 EME-TS14-01MSD

Tgt Ion:278 Resp: 2073724
 Ion Ratio Lower Upper
 278 100
 139 7.1 6.7 10.1
 279 24.3 19.3 28.9



#92
 Benzo(g,h,i)perylene
 Concen: 57.051 ng
 RT: 17.492 min Scan# 2601
 Delta R.T. -0.012 min
 Lab File: BF143840.D
 Acq: 30 Sep 2025 18:35

Tgt Ion:276 Resp: 2077796
 Ion Ratio Lower Upper
 276 100
 277 24.9 19.6 29.4
 138 9.8 9.2 13.8

