

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063025\
 Data File : BF142935.D
 Acq On : 01 Jul 2025 01:15
 Operator : RC/JU
 Sample : Q2452-05MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-2MS

Quant Time: Jul 01 03:03:36 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	63178	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	230245	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	116921	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	176179	20.000	ng	0.00
76) Chrysene-d12	14.051	240	126793	20.000	ng	0.00
86) Perylene-d12	15.539	264	142031	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	315793	83.221	ng	0.00
7) Phenol-d6	6.504	99	374542	83.660	ng	0.00
23) Nitrobenzene-d5	7.439	82	226865	54.046	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	101830	84.633	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	492140	55.295	ng	-0.01
79) Terphenyl-d14	12.986	244	372374	40.579	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.681	88	57017	37.566	ng	98
3) Pyridine	3.446	79	149633	39.325	ng	98
4) n-Nitrosodimethylamine	3.398	42	84158	42.771	ng	97
6) Aniline	6.534	93	191724	32.185	ng	# 84
8) 2-Chlorophenol	6.657	128	176844	43.203	ng	99
9) Benzaldehyde	6.422	77	74643	28.103	ng	99
10) Phenol	6.522	94	205818	41.358	ng	92
11) bis(2-Chloroethyl)ether	6.610	93	153022	43.023	ng	97
12) 1,3-Dichlorobenzene	6.816	146	198454	43.350	ng	99
13) 1,4-Dichlorobenzene	6.892	146	198776	43.037	ng	99
14) 1,2-Dichlorobenzene	7.045	146	190279	43.434	ng	99
15) Benzyl Alcohol	7.016	79	140942	43.547	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	228579	40.000	ng	89
17) 2-Methylphenol	7.128	107	133358	42.991	ng	99
18) Hexachloroethane	7.386	117	72597	44.937	ng	95
19) n-Nitroso-di-n-propyla...	7.286	70	114136	43.834	ng	97
20) 3+4-Methylphenols	7.281	107	167958	43.426	ng	94
22) Acetophenone	7.281	105	230654	45.428	ng	98
24) Nitrobenzene	7.457	77	166097	43.718	ng	97
25) Isophorone	7.698	82	297592	44.194	ng	99
26) 2-Nitrophenol	7.775	139	95098	45.949	ng	99
27) 2,4-Dimethylphenol	7.810	122	157273	43.870	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	188416	44.012	ng	99
29) 2,4-Dichlorophenol	8.016	162	144744	44.529	ng	100
30) 1,2,4-Trichlorobenzene	8.098	180	157688	44.117	ng	99
31) Naphthalene	8.180	128	497156	44.113	ng	100
32) Benzoic acid	7.928	122	76893	42.082	ng	97
33) 4-Chloroaniline	8.228	127	74614	16.282	ng	98
34) Hexachlorobutadiene	8.292	225	98502	45.053	ng	99
35) Caprolactam	8.598	113	42702	49.784	ng	97
36) 4-Chloro-3-methylphenol	8.716	107	146994	45.502	ng	97
37) 2-Methylnaphthalene	8.869	142	304058	43.517	ng	100
38) 1-Methylnaphthalene	8.969	142	317006	43.828	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	155353	45.031	ng	100
41) Hexachlorocyclopentadiene	9.022	237	141689	72.372	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	100777	44.828	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063025\
 Data File : BF142935.D
 Acq On : 01 Jul 2025 01:15
 Operator : RC/JU
 Sample : Q2452-05MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-2MS

Quant Time: Jul 01 03:03:36 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

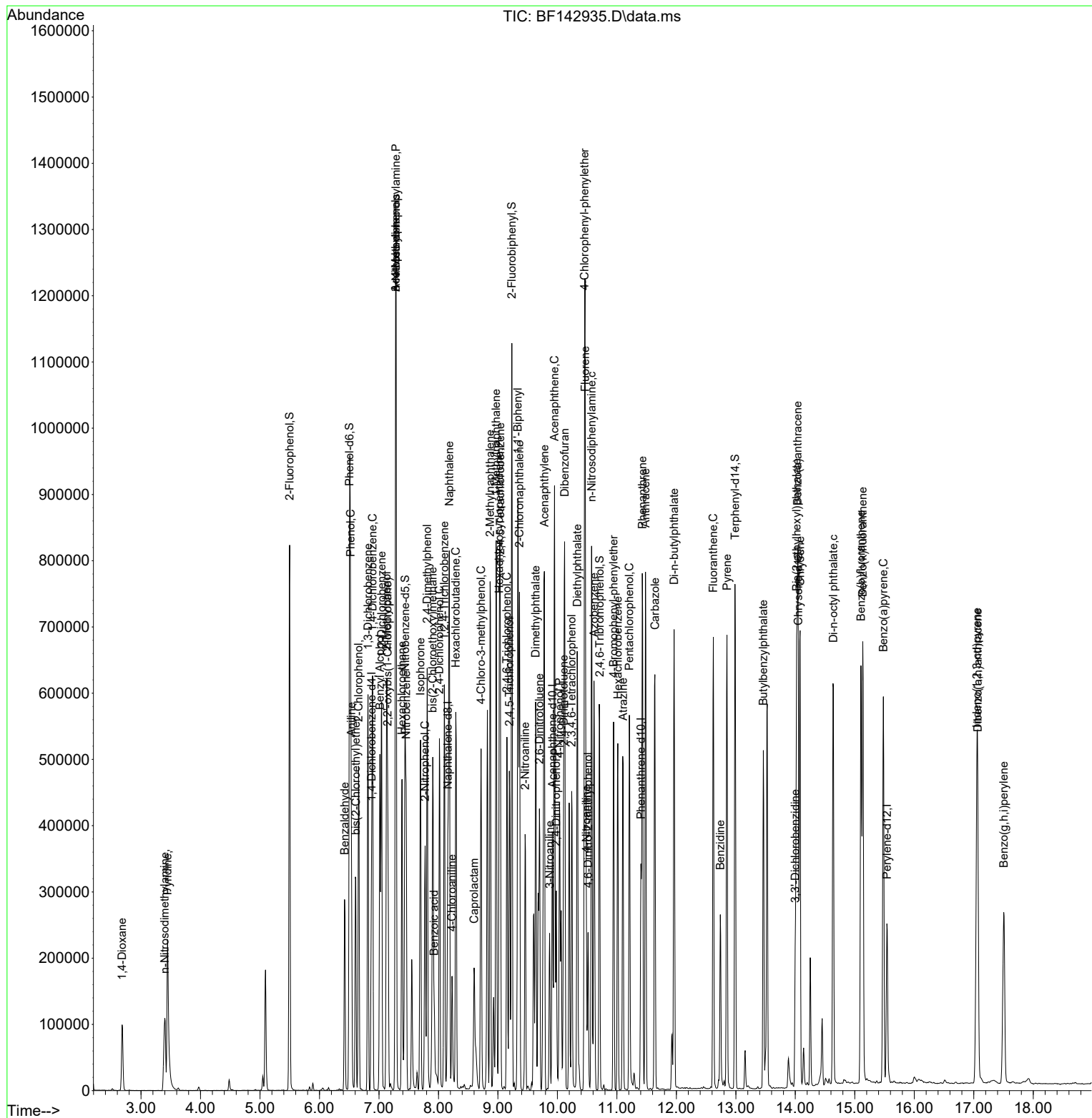
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	102805	43.442	ng	98
46) 1,1'-Biphenyl	9.333	154	415820	45.021	ng	99
47) 2-Chloronaphthalene	9.363	162	306496	44.221	ng	100
48) 2-Nitroaniline	9.457	65	88619	45.606	ng	97
49) Acenaphthylene	9.780	152	498407	43.682	ng	100
50) Dimethylphthalate	9.633	163	361552	47.772	ng	100
51) 2,6-Dinitrotoluene	9.698	165	77905	46.872	ng	99
52) Acenaphthene	9.951	154	321053	46.118	ng	100
53) 3-Nitroaniline	9.869	138	52447	28.660	ng	99
54) 2,4-Dinitrophenol	9.980	184	58851	70.714	ng	98
55) Dibenzofuran	10.122	168	436448	43.721	ng	100
56) 4-Nitrophenol	10.033	139	104628	83.516	ng	97
57) 2,4-Dinitrotoluene	10.104	165	102177	46.281	ng	98
58) Fluorene	10.469	166	338944	43.475	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	82007	42.991	ng	97
60) Diethylphthalate	10.333	149	355813	47.949	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	167480	45.018	ng	99
62) 4-Nitroaniline	10.486	138	71388	42.655	ng	97
63) Azobenzene	10.616	77	300734	45.344	ng	97
65) 4,6-Dinitro-2-methylph...	10.516	198	46222	43.375	ng	100
66) n-Nitrosodiphenylamine	10.574	169	296769	48.603	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	97926	48.839	ng	96
68) Hexachlorobenzene	11.016	284	100866	45.272	ng	99
69) Atrazine	11.104	200	88945	56.411	ng	99
70) Pentachlorophenol	11.210	266	95988	86.460	ng	98
71) Phenanthrene	11.427	178	426472	44.687	ng	99
72) Anthracene	11.480	178	435798	44.524	ng	100
73) Carbazole	11.639	167	376702	44.598	ng	99
74) Di-n-butylphthalate	11.963	149	498145	56.613	ng	100
75) Fluoranthene	12.621	202	401345	44.311	ng	99
77) Benzidine	12.739	184	149109	31.301	ng	99
78) Pyrene	12.851	202	406039	34.165	ng	99
80) Butylbenzylphthalate	13.463	149	174588	50.642	ng	97
81) Benzo(a)anthracene	14.039	228	402130	47.013	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	62203	22.420	ng	100
83) Chrysene	14.080	228	338800	44.389	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	248540	50.107	ng	99
85) Di-n-octyl phthalate	14.639	149	442150	47.274	ng	99
87) Indeno(1,2,3-cd)pyrene	17.051	276	329787	30.484	ng	98
88) Benzo(b)fluoranthene	15.104	252	432573	52.634	ng	100
89) Benzo(k)fluoranthene	15.133	252	355159	46.190	ng	99
90) Benzo(a)pyrene	15.480	252	373853	47.087	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	270188	30.738	ng	98
92) Benzo(g,h,i)perylene	17.503	276	240766	27.468	ng	99

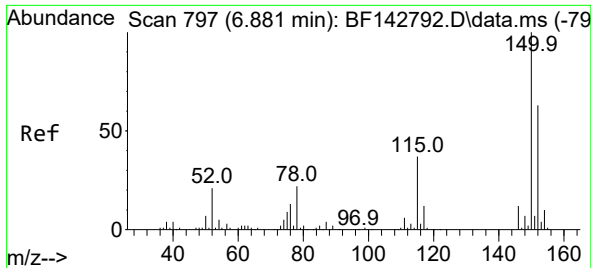
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063025\
Data File : BF142935.D
Acq On : 01 Jul 2025 01:15
Operator : RC/JU
Sample : Q2452-05MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP-2MS

Quant Time: Jul 01 03:03:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

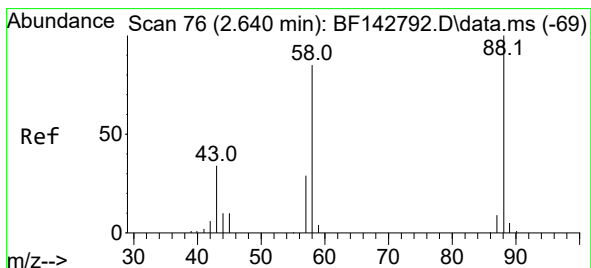
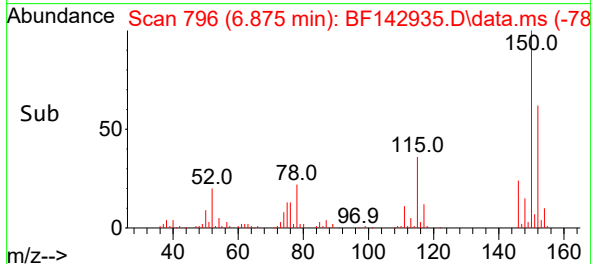
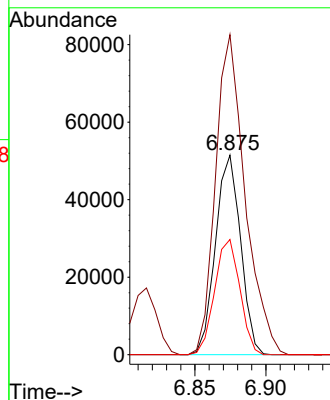
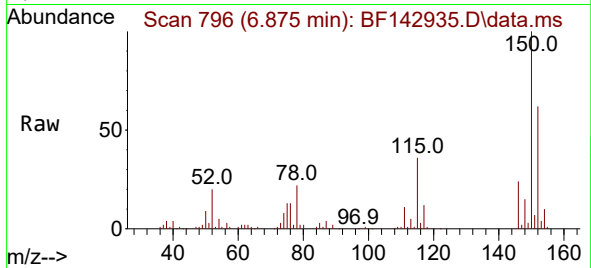




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF142935.D
 Acq: 01 Jul 2025 01:15

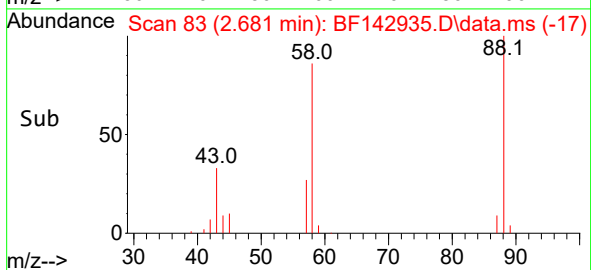
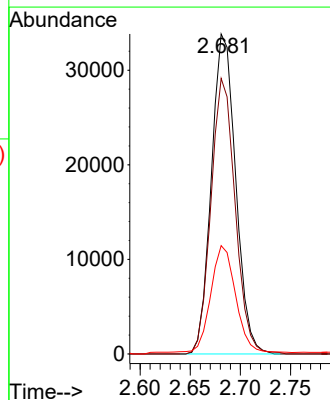
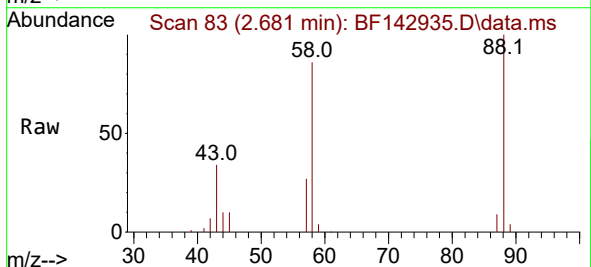
Instrument :
 BNA_F
 ClientSampleId :
 EP-2MS

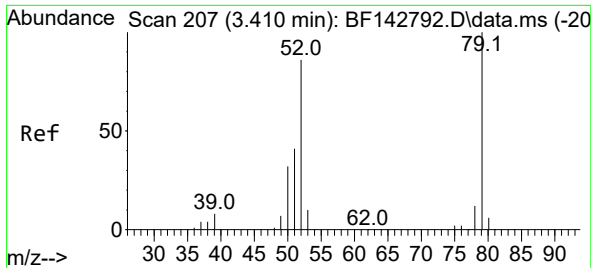
Tgt Ion:152 Resp: 63178
 Ion Ratio Lower Upper
 152 100
 150 160.4 127.2 190.8
 115 57.8 46.6 69.8



#2
 1,4-Dioxane
 Concen: 37.566 ng
 RT: 2.681 min Scan# 83
 Delta R.T. 0.041 min
 Lab File: BF142935.D
 Acq: 01 Jul 2025 01:15

Tgt Ion: 88 Resp: 57017
 Ion Ratio Lower Upper
 88 100
 58 85.8 69.1 103.7
 43 36.4 27.4 41.2

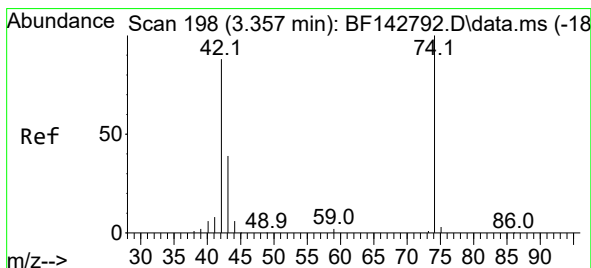
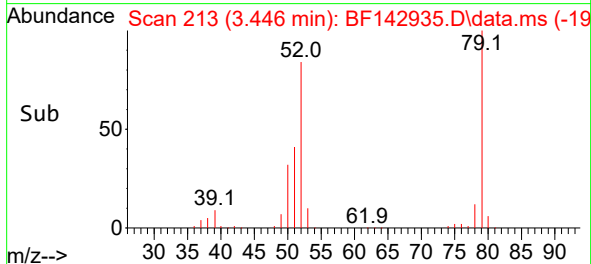
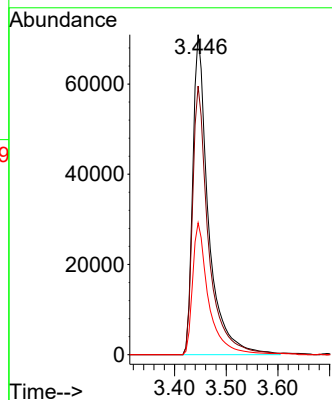
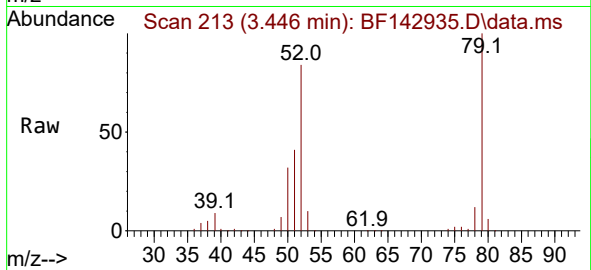




#3
Pyridine
Concen: 39.325 ng
RT: 3.446 min Scan# 213
Delta R.T. 0.035 min
Lab File: BF142935.D
Acq: 01 Jul 2025 01:15

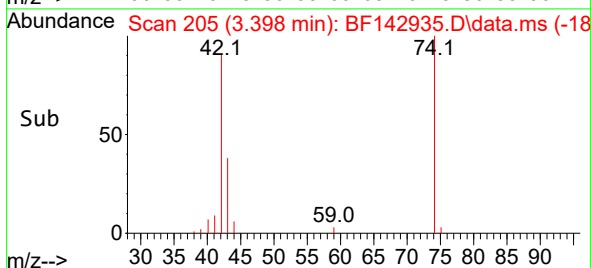
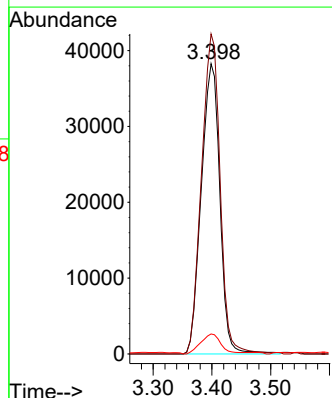
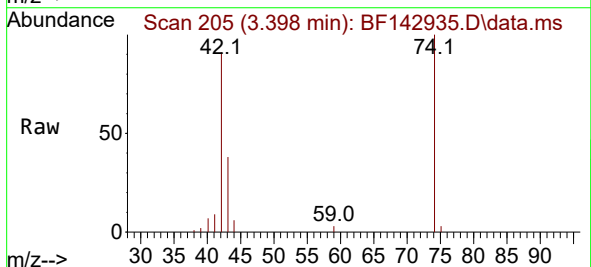
Instrument :
BNA_F
ClientSampleId :
EP-2MS

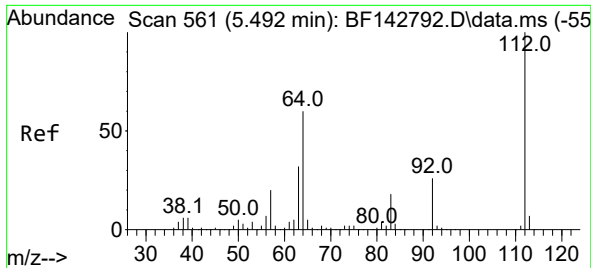
Tgt Ion: 79 Resp: 149633
Ion Ratio Lower Upper
79 100
52 84.0 69.2 103.8
51 41.2 33.2 49.8



#4
n-Nitrosodimethylamine
Concen: 42.771 ng
RT: 3.398 min Scan# 205
Delta R.T. 0.041 min
Lab File: BF142935.D
Acq: 01 Jul 2025 01:15

Tgt Ion: 42 Resp: 84158
Ion Ratio Lower Upper
42 100
74 110.3 90.9 136.3
44 6.9 5.8 8.6

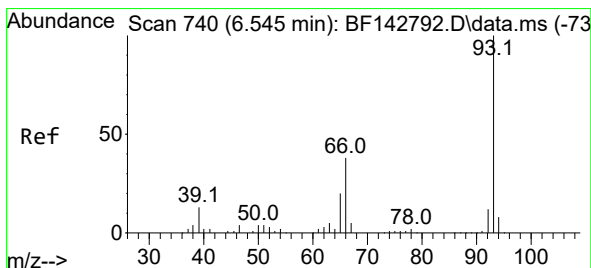
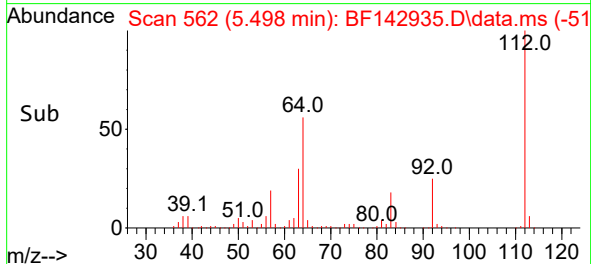
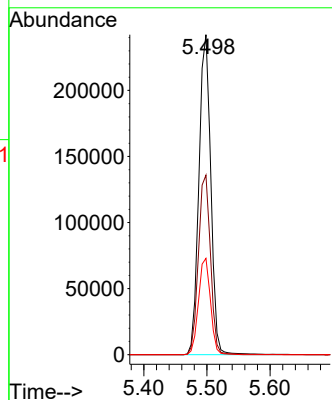
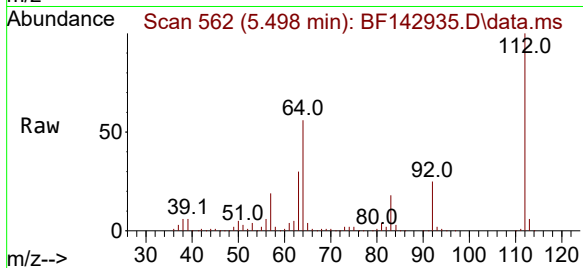




#5
2-Fluorophenol
Concen: 83.221 ng
RT: 5.498 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF142935.D
Acq: 01 Jul 2025 01:15

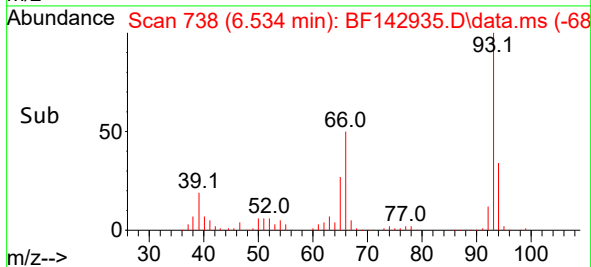
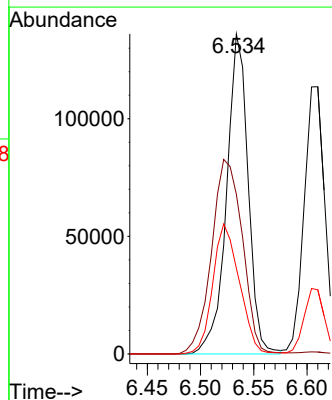
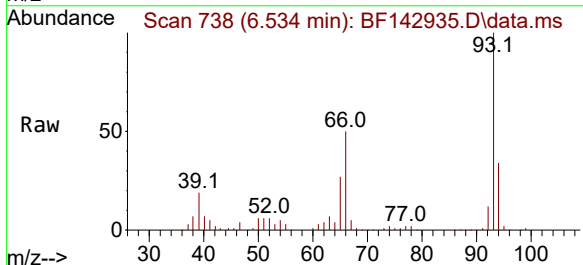
Instrument :
BNA_F
ClientSampleId :
EP-2MS

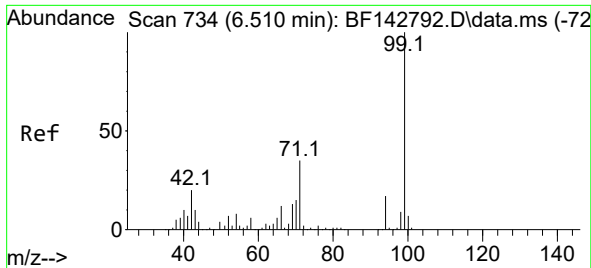
Tgt Ion:112 Resp: 315793
Ion Ratio Lower Upper
112 100
64 56.1 48.2 72.2
63 30.1 25.7 38.5



#6
Aniline
Concen: 32.185 ng
RT: 6.534 min Scan# 738
Delta R.T. -0.012 min
Lab File: BF142935.D
Acq: 01 Jul 2025 01:15

Tgt Ion: 93 Resp: 191724
Ion Ratio Lower Upper
93 100
66 49.9 31.8 47.6#
65 26.8 16.2 24.2#

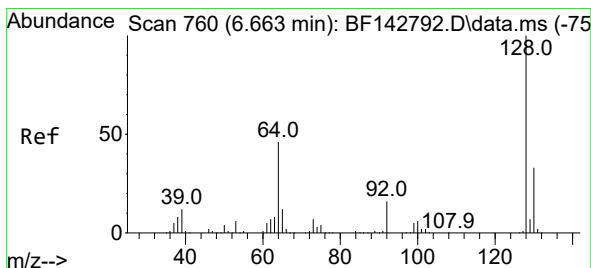
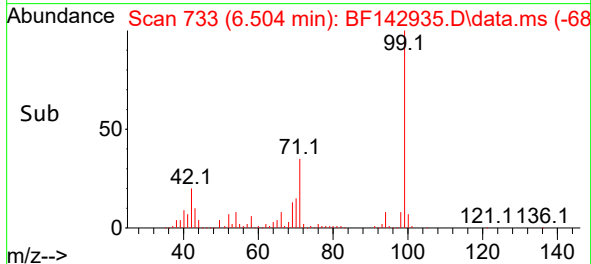
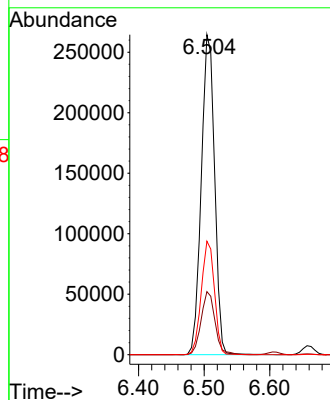
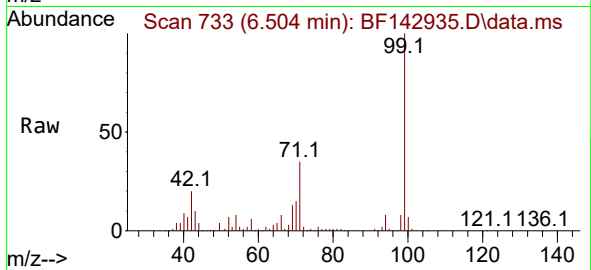




#7
Phenol-d6
Concen: 83.660 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142935.D
Acq: 01 Jul 2025 01:15

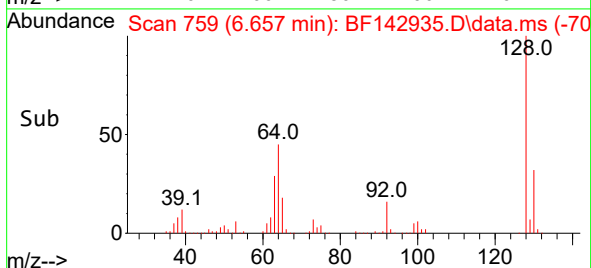
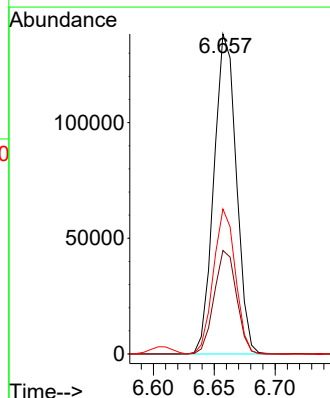
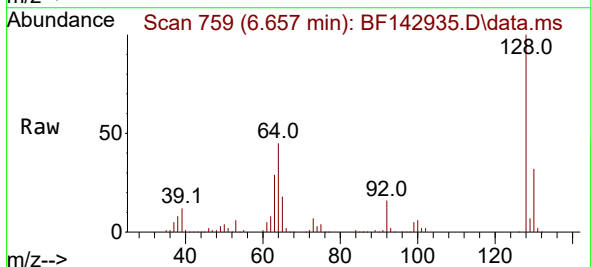
Instrument :
BNA_F
ClientSampleId :
EP-2MS

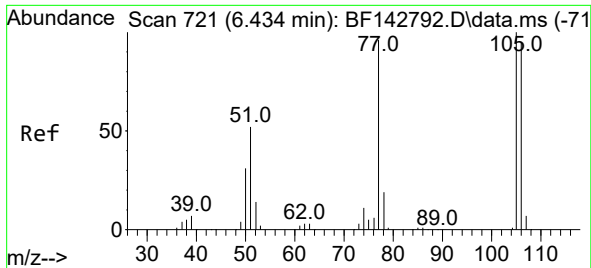
Tgt Ion: 99 Resp: 374542
Ion Ratio Lower Upper
99 100
42 19.7 15.9 23.9
71 35.4 27.8 41.8



#8
2-Chlorophenol
Concen: 43.203 ng
RT: 6.657 min Scan# 759
Delta R.T. -0.006 min
Lab File: BF142935.D
Acq: 01 Jul 2025 01:15

Tgt Ion:128 Resp: 176844
Ion Ratio Lower Upper
128 100
130 32.3 12.7 52.7
64 45.3 26.5 66.5

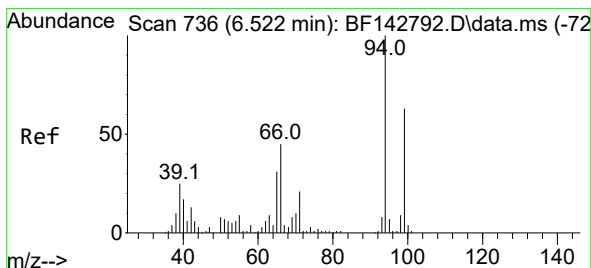
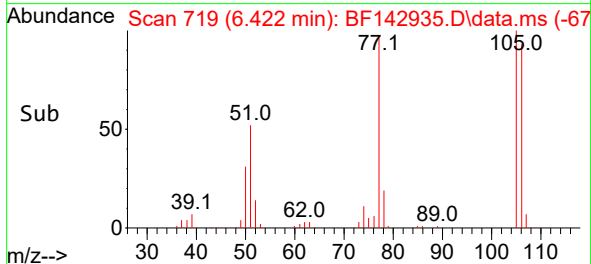
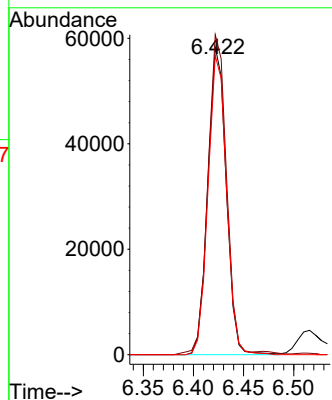
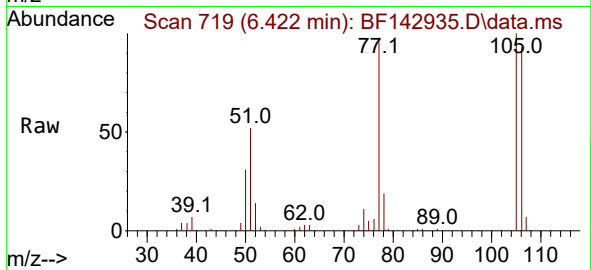




#9
Benzaldehyde
Concen: 28.103 ng
RT: 6.422 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF142935.D
Acq: 01 Jul 2025 01:15

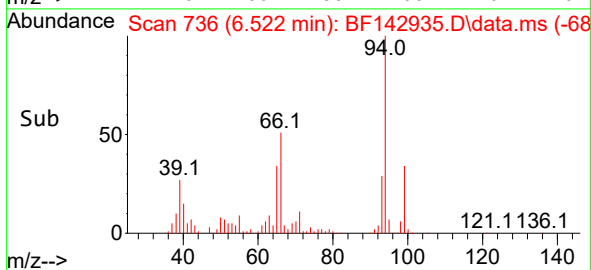
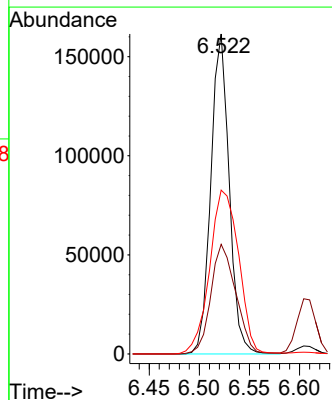
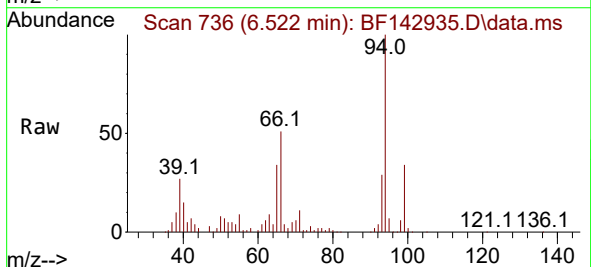
Instrument :
BNA_F
ClientSampleId :
EP-2MS

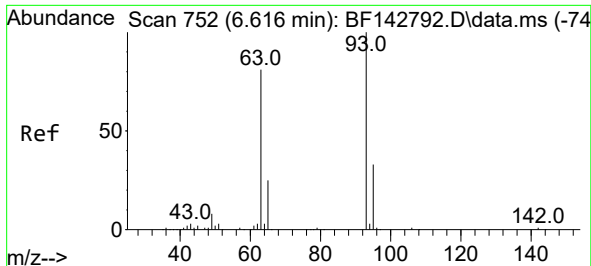
Tgt Ion: 77 Resp: 74643
Ion Ratio Lower Upper
77 100
105 104.0 83.8 123.8
106 97.2 78.7 118.7



#10
Phenol
Concen: 41.358 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.000 min
Lab File: BF142935.D
Acq: 01 Jul 2025 01:15

Tgt Ion: 94 Resp: 205818
Ion Ratio Lower Upper
94 100
65 34.3 11.3 51.3
66 51.2 24.9 64.9

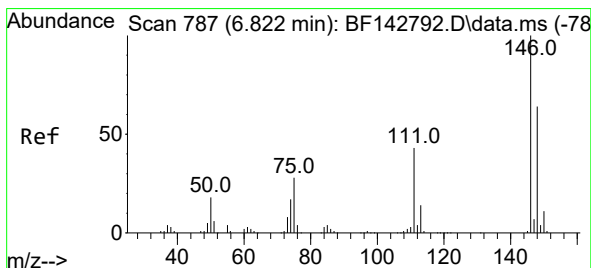
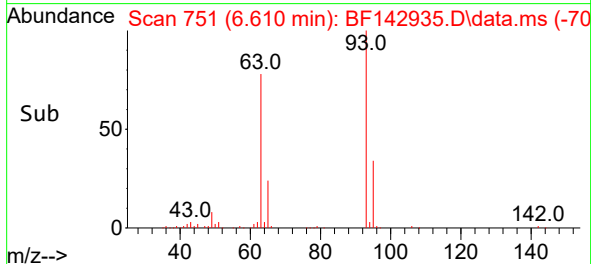
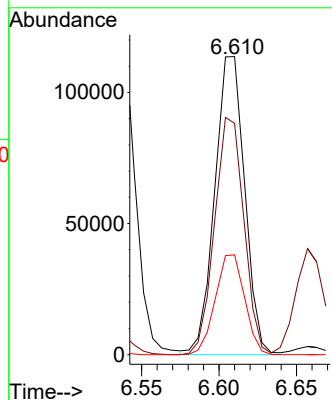
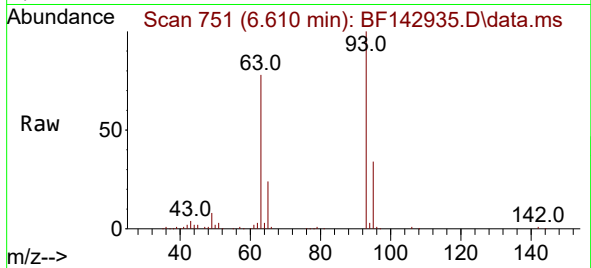




#11
bis(2-Chloroethyl)ether
Concen: 43.023 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF142935.D
Acq: 01 Jul 2025 01:15

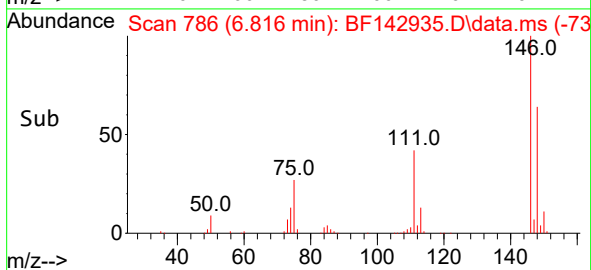
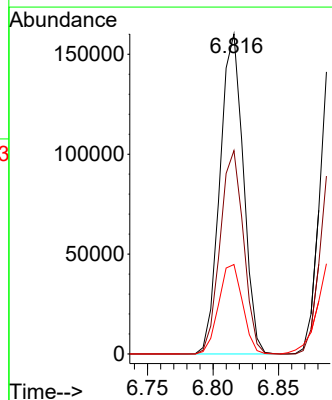
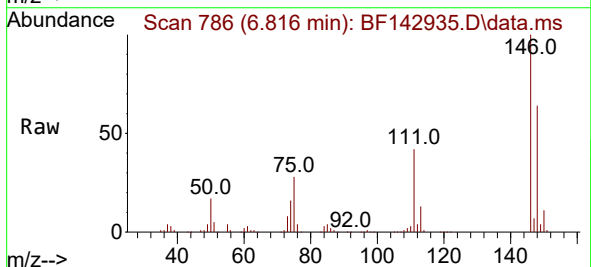
Instrument :
BNA_F
ClientSampleId :
EP-2MS

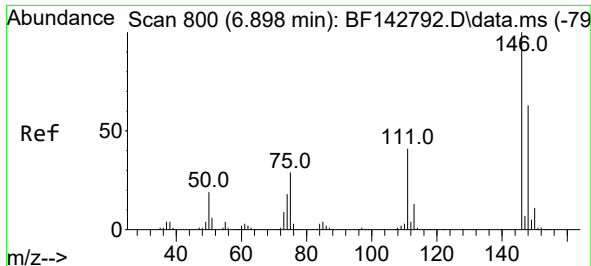
Tgt Ion: 93 Resp: 153022
Ion Ratio Lower Upper
93 100
63 77.6 60.3 100.3
95 33.5 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 43.350 ng
RT: 6.816 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF142935.D
Acq: 01 Jul 2025 01:15

Tgt Ion:146 Resp: 198454
Ion Ratio Lower Upper
146 100
148 63.6 51.1 76.7
75 28.0 22.7 34.1





#13

1,4-Dichlorobenzene

Concen: 43.037 ng

RT: 6.892 min Scan# 79

Delta R.T. -0.006 min

Lab File: BF142935.D

Acq: 01 Jul 2025 01:15

Instrument :

BNA_F

ClientSampleId :

EP-2MS

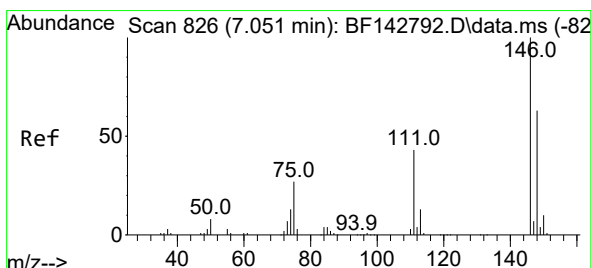
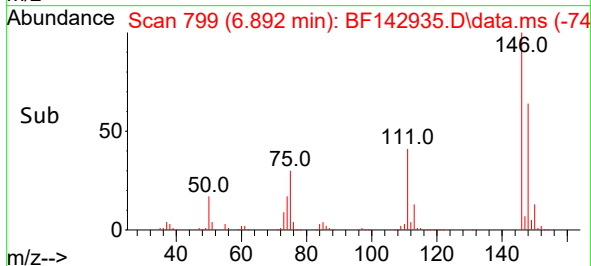
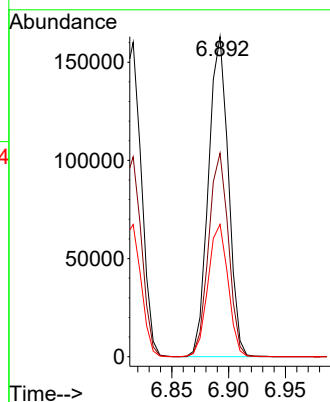
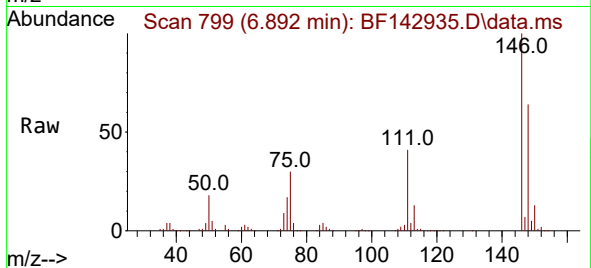
Tgt Ion:146 Resp: 198776

Ion Ratio Lower Upper

146 100

148 63.6 50.2 75.2

111 41.3 33.2 49.8



#14

1,2-Dichlorobenzene

Concen: 43.434 ng

RT: 7.045 min Scan# 825

Delta R.T. -0.006 min

Lab File: BF142935.D

Acq: 01 Jul 2025 01:15

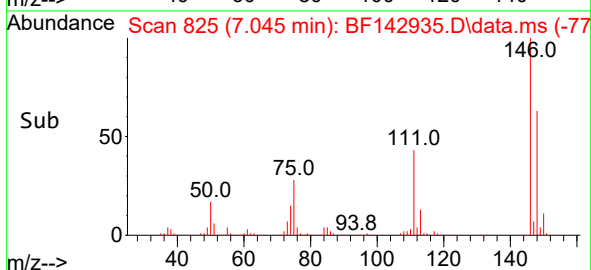
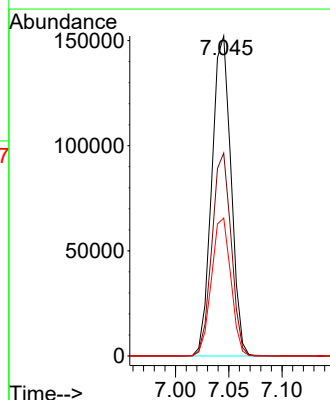
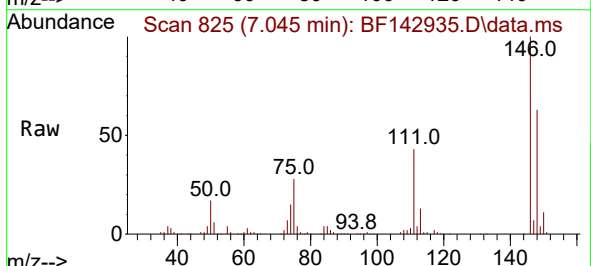
Tgt Ion:146 Resp: 190279

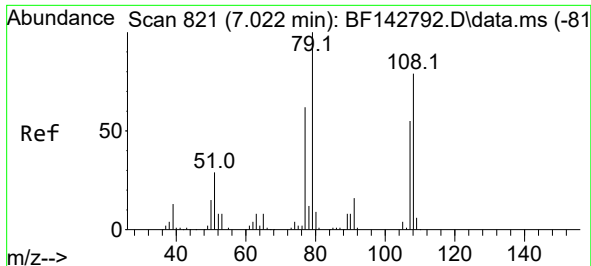
Ion Ratio Lower Upper

146 100

148 63.4 50.4 75.6

111 43.1 34.1 51.1

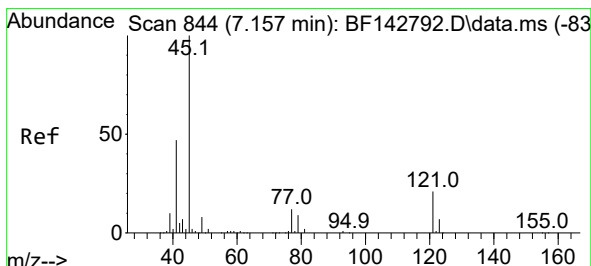
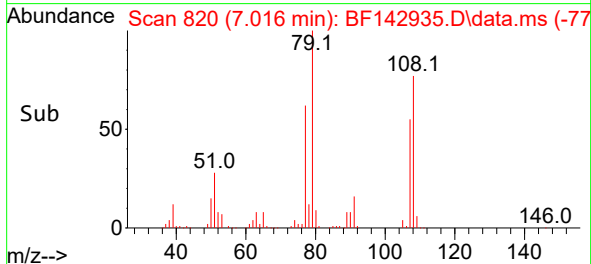
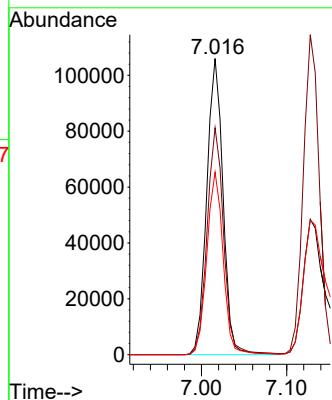
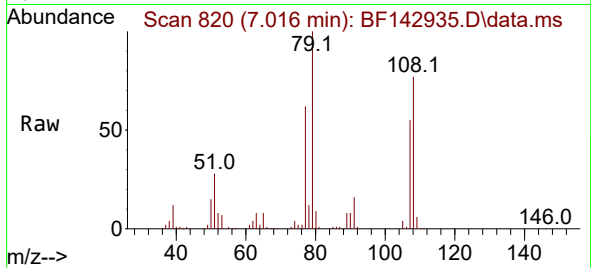




#15
Benzyl Alcohol
Concen: 43.547 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142935.D
Acq: 01 Jul 2025 01:15

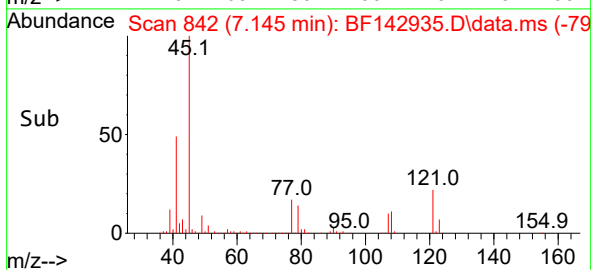
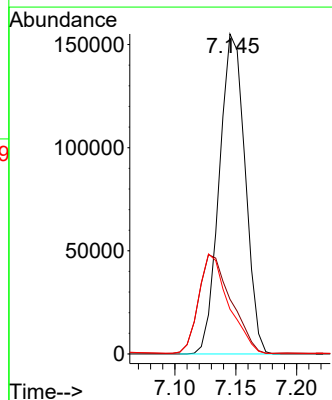
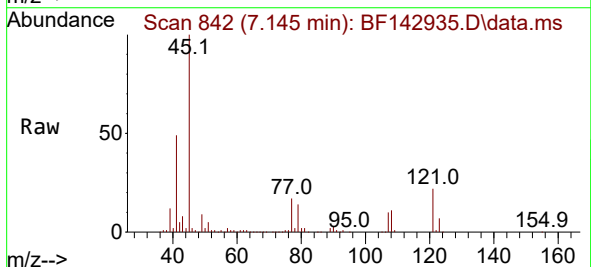
Instrument :
BNA_F
ClientSampleId :
EP-2MS

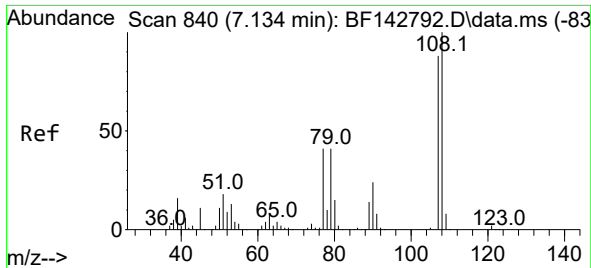
Tgt Ion: 79 Resp: 140942
Ion Ratio Lower Upper
79 100
108 76.6 63.4 95.0
77 61.6 49.5 74.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.000 ng
RT: 7.145 min Scan# 842
Delta R.T. -0.012 min
Lab File: BF142935.D
Acq: 01 Jul 2025 01:15

Tgt Ion: 45 Resp: 228579
Ion Ratio Lower Upper
45 100
77 17.1 0.0 32.8
79 14.0 0.0 29.8

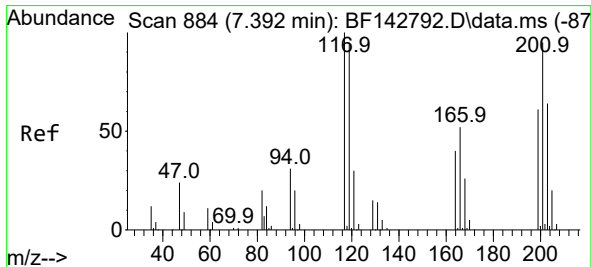
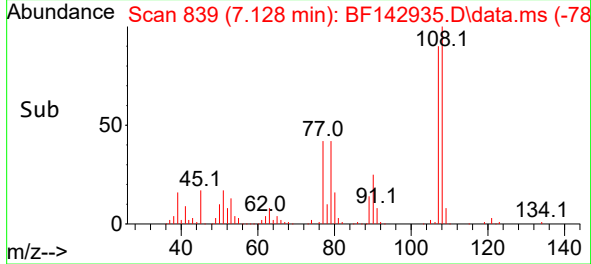
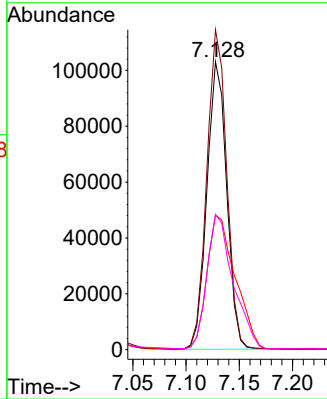
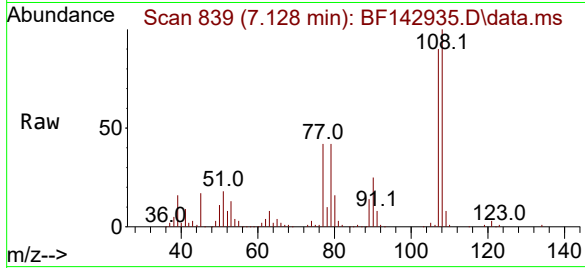




#17
2-Methylphenol
Concen: 42.991 ng
RT: 7.128 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142935.D
Acq: 01 Jul 2025 01:15

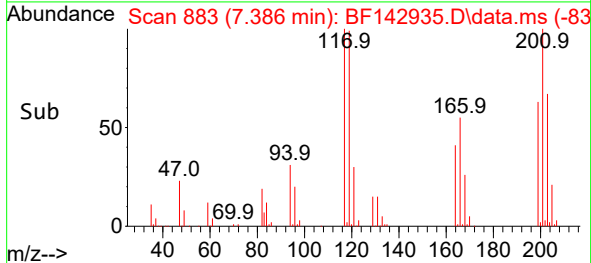
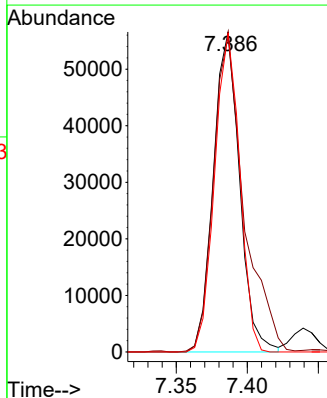
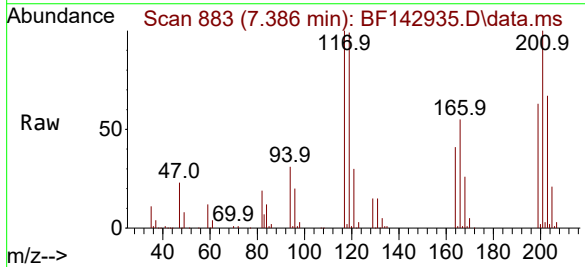
Instrument :
BNA_F
ClientSampleId :
EP-2MS

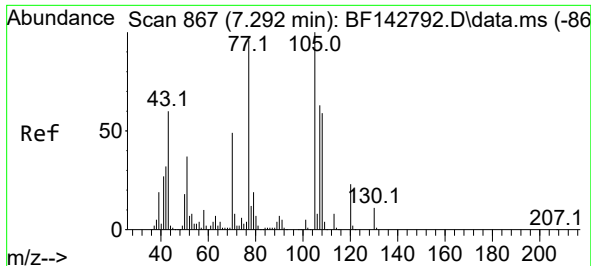
Tgt Ion:	107	Resp:	133358
Ion	Ratio	Lower	Upper
107	100		
108	111.1	90.9	136.3
77	46.7	37.3	55.9
79	47.0	37.2	55.8



#18
Hexachloroethane
Concen: 44.937 ng
RT: 7.386 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF142935.D
Acq: 01 Jul 2025 01:15

Tgt Ion:	117	Resp:	72597
Ion	Ratio	Lower	Upper
117	100		
119	98.6	75.4	113.0
201	99.6	75.9	113.9

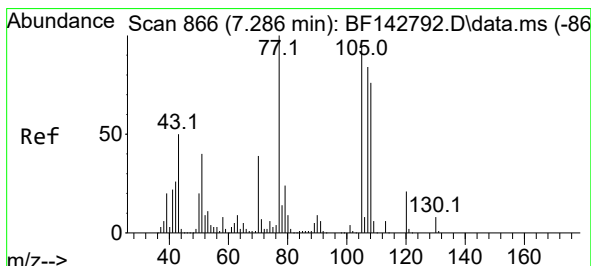
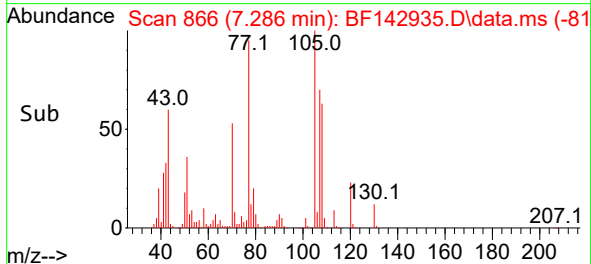
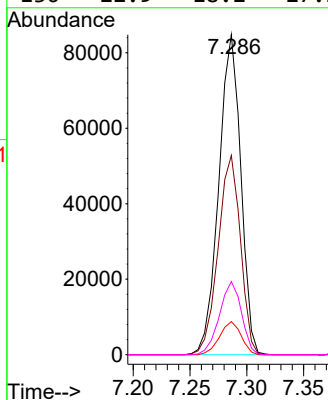
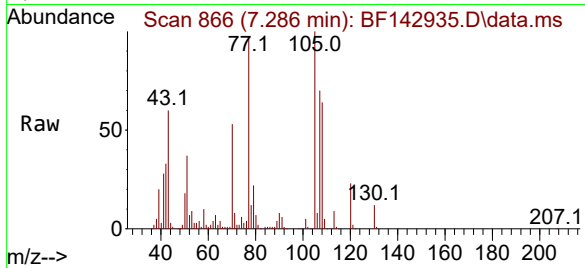




#19
n-Nitroso-di-n-propylamine
Concen: 43.834 ng
RT: 7.286 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF142935.D
Acq: 01 Jul 2025 01:15

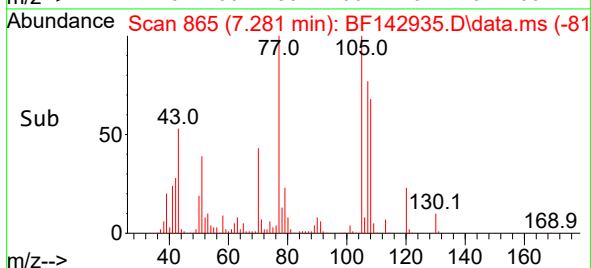
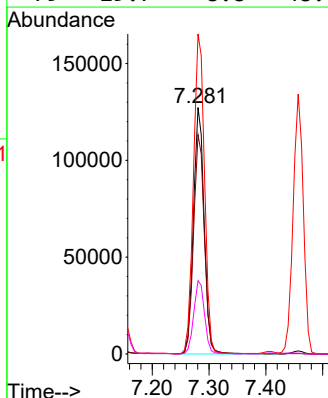
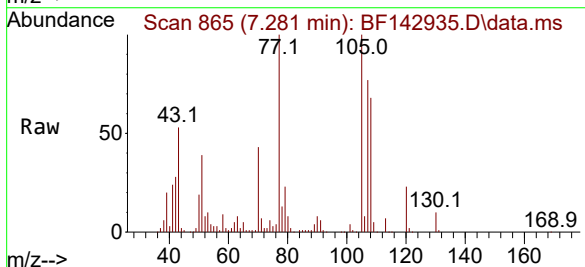
Instrument :
BNA_F
ClientSampleId :
EP-2MS

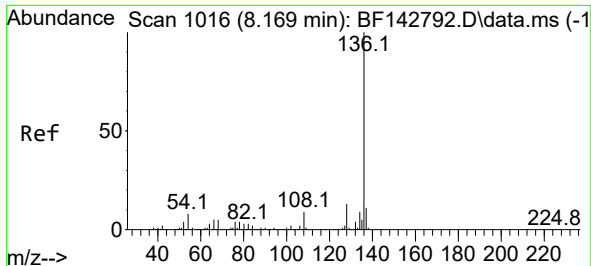
Tgt Ion: 70 Resp: 114136
Ion Ratio Lower Upper
70 100
42 62.2 52.1 78.1
101 10.4 8.2 12.2
130 22.9 18.2 27.2



#20
3+4-Methylphenols
Concen: 43.426 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF142935.D
Acq: 01 Jul 2025 01:15

Tgt Ion:107 Resp: 167958
Ion Ratio Lower Upper
107 100
108 89.0 70.0 110.0
77 129.8 98.5 138.5
79 29.7 8.8 48.8



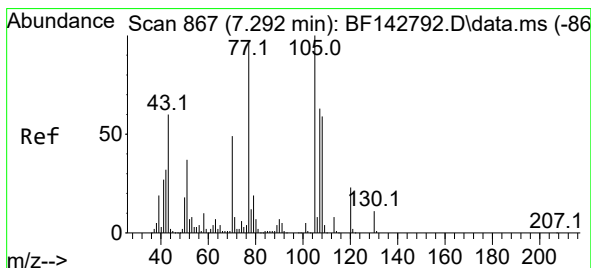
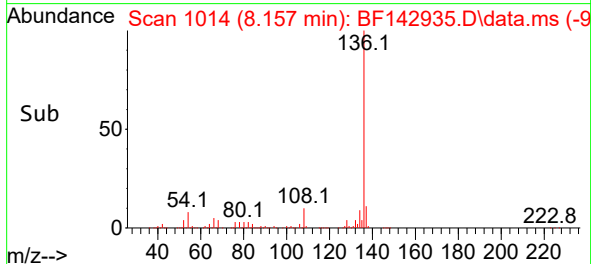
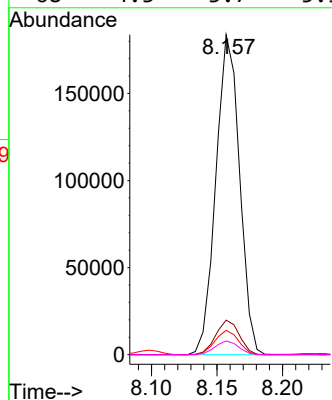
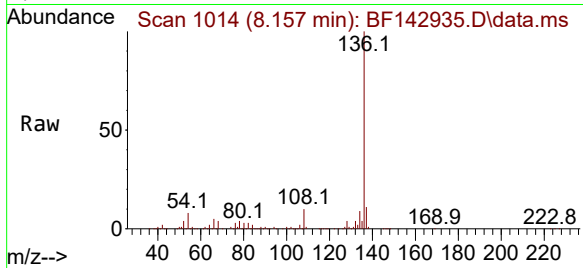


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF142935.D
Acq: 01 Jul 2025 01:15

Instrument :
BNA_F
ClientSampleId :
EP-2MS

Tgt Ion:136 Resp: 230245

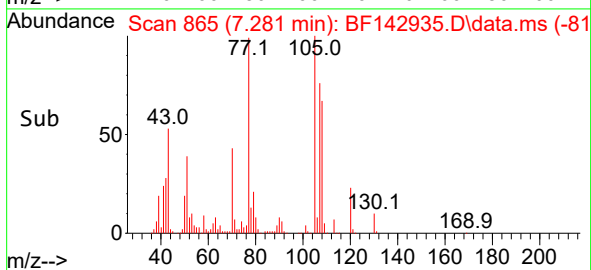
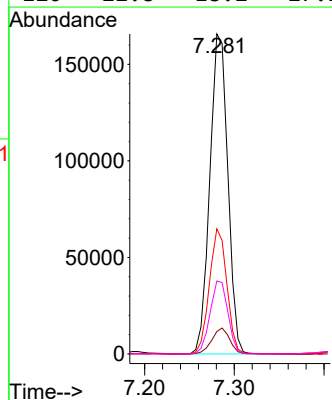
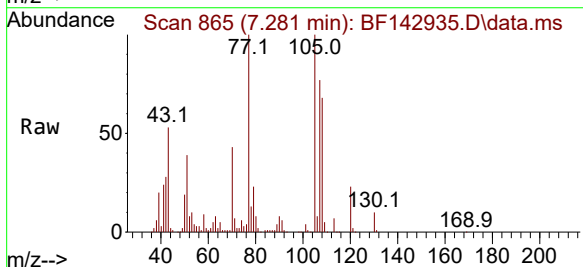
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	7.6	6.3	9.5
68	4.3	3.7	5.5

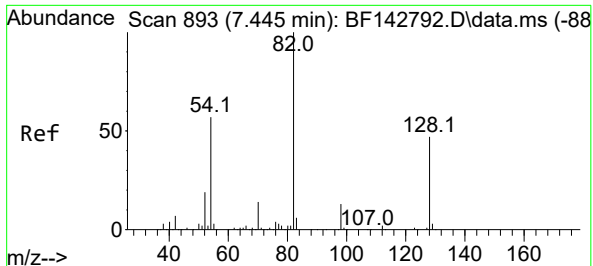


#22
Acetophenone
Concen: 45.428 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.012 min
Lab File: BF142935.D
Acq: 01 Jul 2025 01:15

Tgt Ion:105 Resp: 230654

Ion	Ratio	Lower	Upper
105	100		
71	7.0	6.5	9.7
51	39.1	29.8	44.8
120	22.8	18.2	27.2





#23

Nitrobenzene-d5

Concen: 54.046 ng

RT: 7.439 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF142935.D

Acq: 01 Jul 2025 01:15

Instrument :

BNA_F

ClientSampleId :

EP-2MS

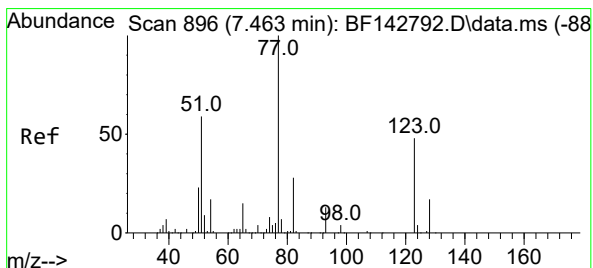
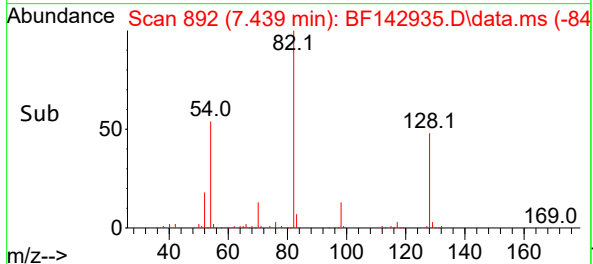
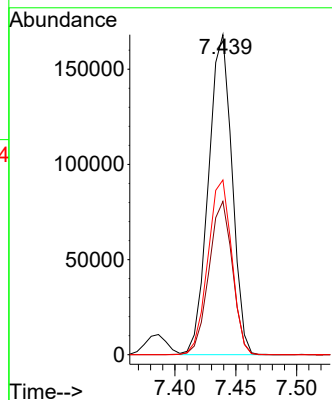
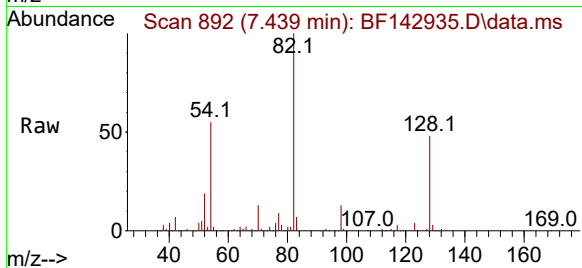
Tgt Ion: 82 Resp: 226865

Ion Ratio Lower Upper

82 100

128 47.9 37.7 56.5

54 54.6 45.7 68.5



#24

Nitrobenzene

Concen: 43.718 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF142935.D

Acq: 01 Jul 2025 01:15

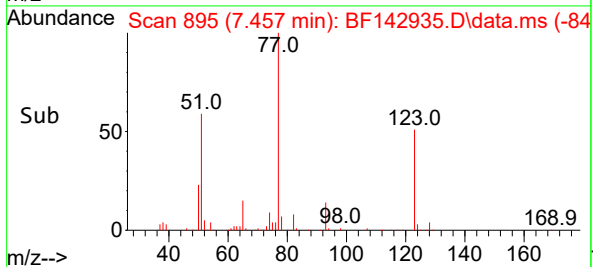
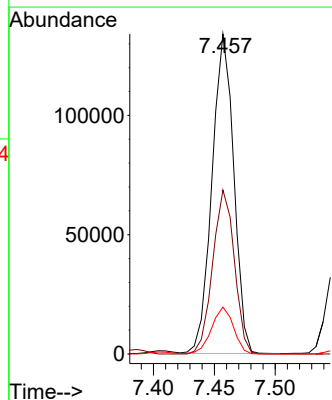
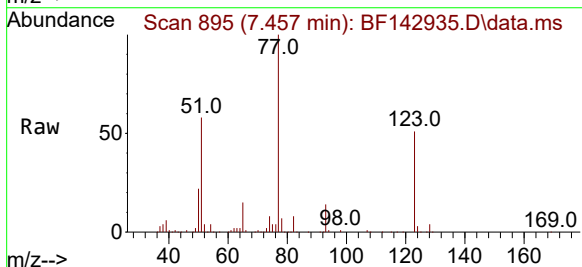
Tgt Ion: 77 Resp: 166097

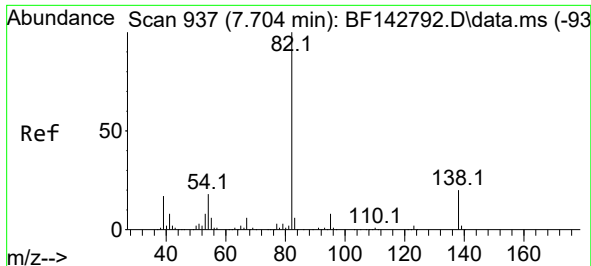
Ion Ratio Lower Upper

77 100

123 51.3 39.2 58.8

65 14.6 11.6 17.4

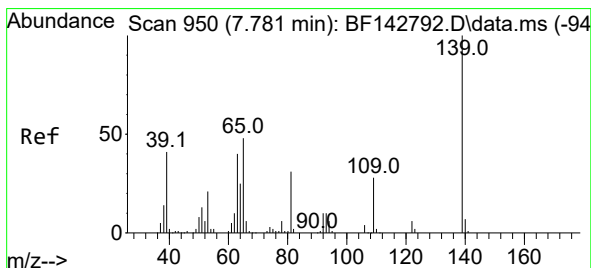
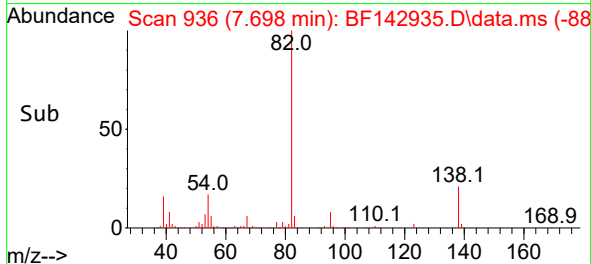
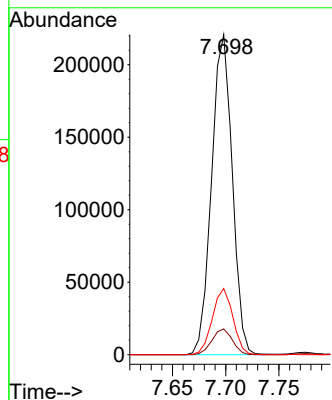
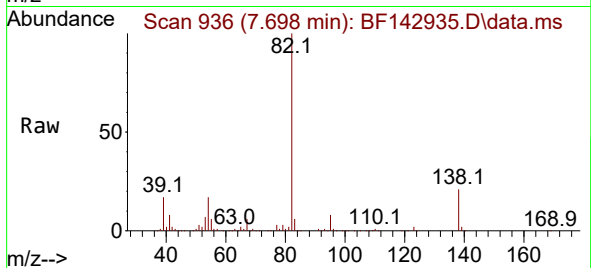




#25
Isophorone
Concen: 44.194 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF142935.D
Acq: 01 Jul 2025 01:15

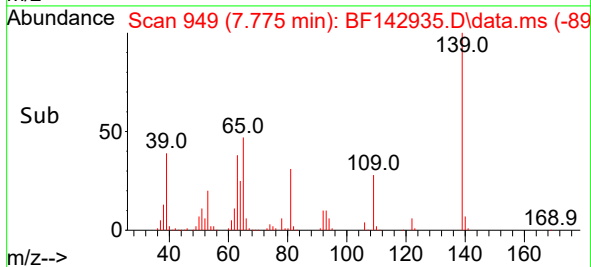
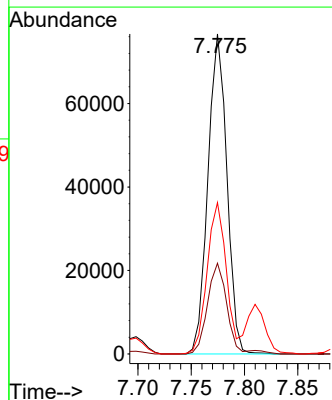
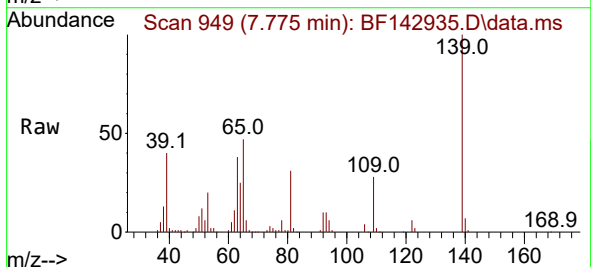
Instrument :
BNA_F
ClientSampleId :
EP-2MS

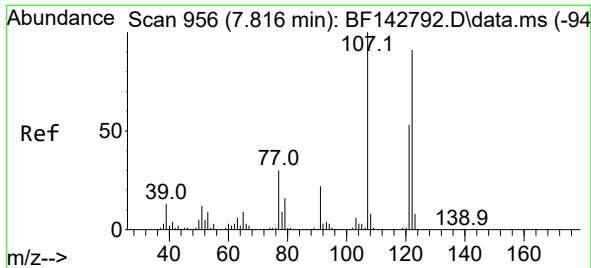
Tgt Ion: 82 Resp: 297592
Ion Ratio Lower Upper
82 100
95 8.0 6.2 9.2
138 20.6 16.2 24.4



#26
2-Nitrophenol
Concen: 45.949 ng
RT: 7.775 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF142935.D
Acq: 01 Jul 2025 01:15

Tgt Ion:139 Resp: 95098
Ion Ratio Lower Upper
139 100
109 28.3 22.7 34.1
65 47.3 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 43.870 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142935.D

Acq: 01 Jul 2025 01:15

Instrument :

BNA_F

ClientSampleId :

EP-2MS

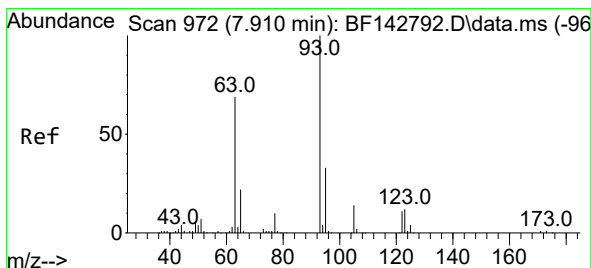
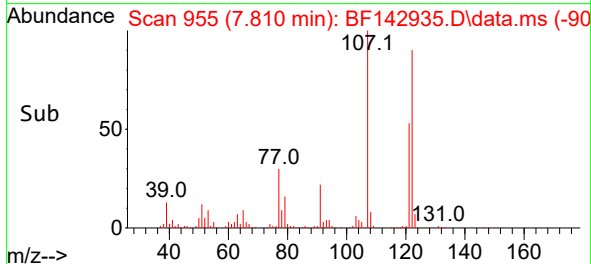
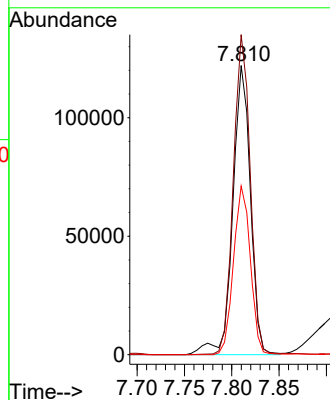
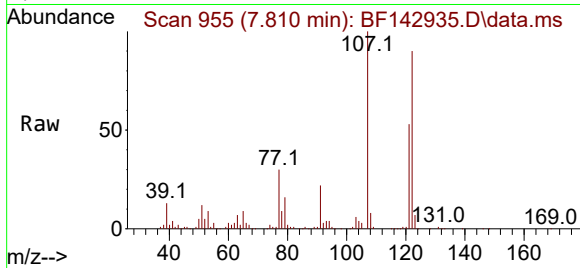
Tgt Ion:122 Resp: 157273

Ion Ratio Lower Upper

122 100

107 110.7 88.0 132.0

121 58.3 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 44.012 ng

RT: 7.904 min Scan# 971

Delta R.T. -0.006 min

Lab File: BF142935.D

Acq: 01 Jul 2025 01:15

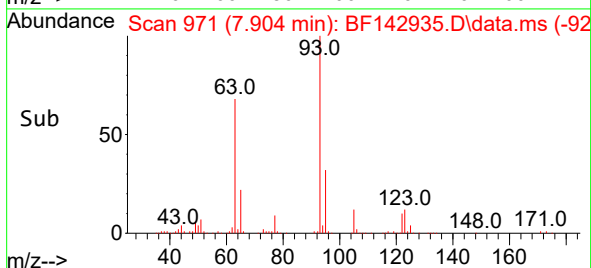
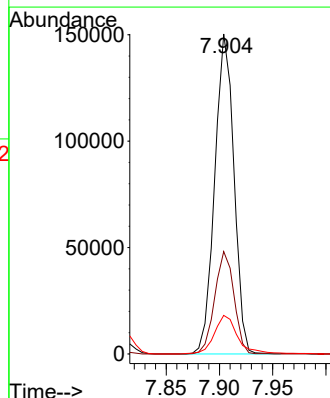
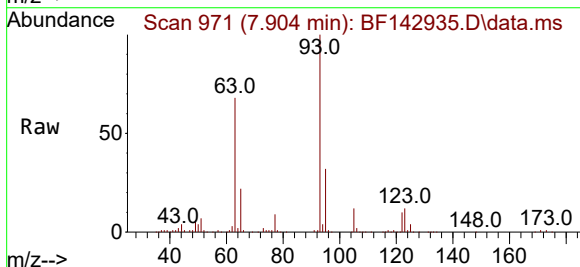
Tgt Ion: 93 Resp: 188416

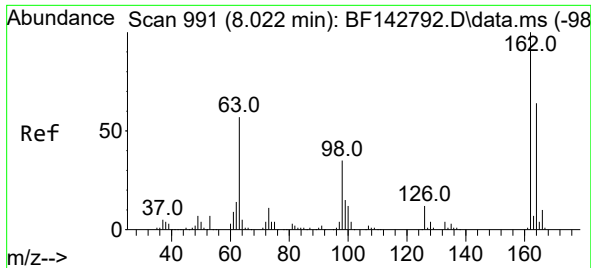
Ion Ratio Lower Upper

93 100

95 32.0 26.2 39.2

123 12.1 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 44.529 ng

RT: 8.016 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF142935.D

Acq: 01 Jul 2025 01:15

Instrument :

BNA_F

ClientSampleId :

EP-2MS

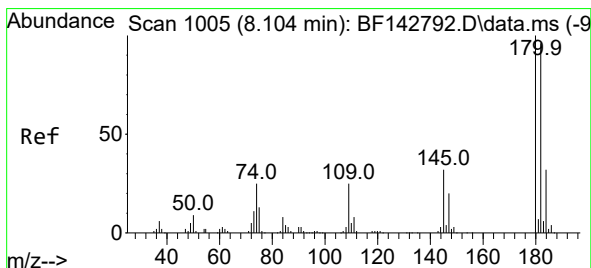
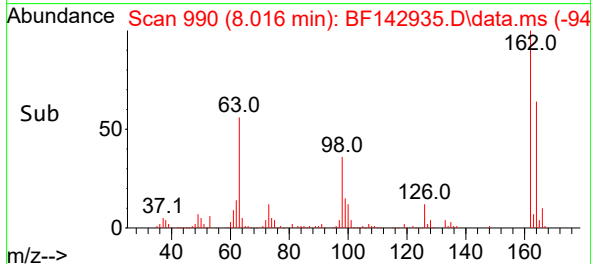
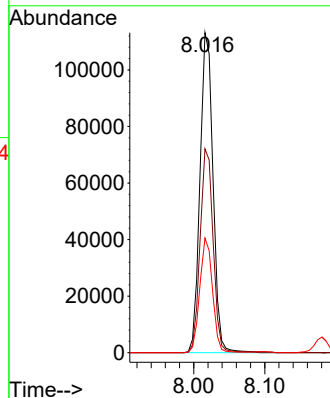
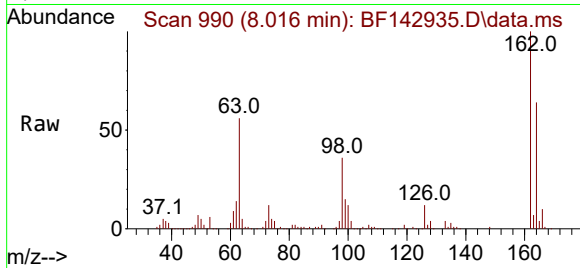
Tgt Ion:162 Resp: 144744

Ion Ratio Lower Upper

162 100

164 63.7 44.0 84.0

98 35.8 15.4 55.4



#30

1,2,4-Trichlorobenzene

Concen: 44.117 ng

RT: 8.098 min Scan# 1004

Delta R.T. -0.006 min

Lab File: BF142935.D

Acq: 01 Jul 2025 01:15

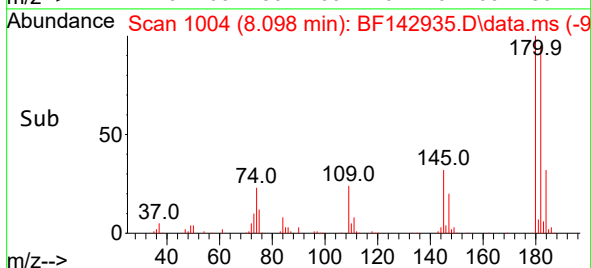
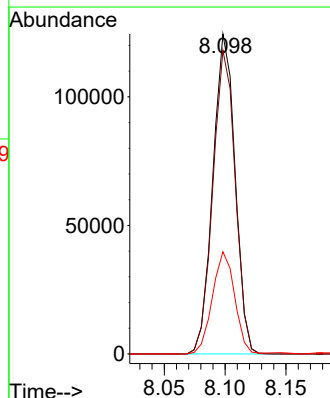
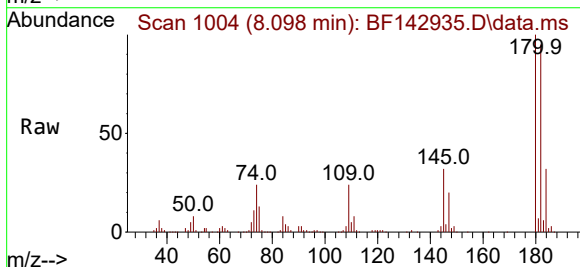
Tgt Ion:180 Resp: 157688

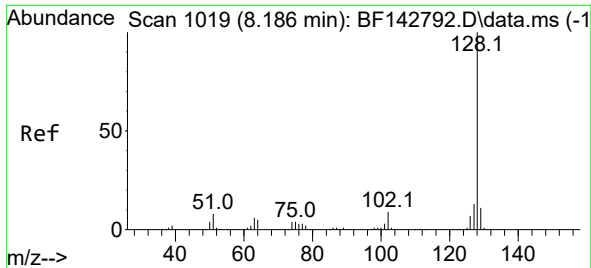
Ion Ratio Lower Upper

180 100

182 94.9 76.4 114.6

145 31.9 25.8 38.8

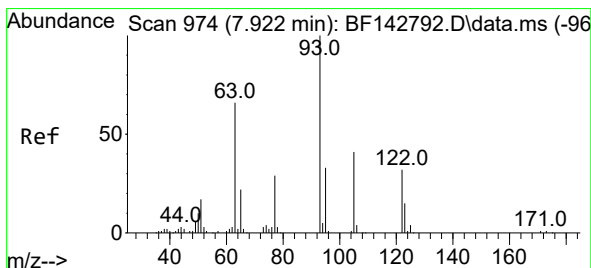
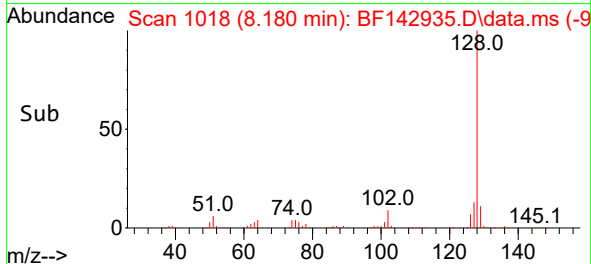
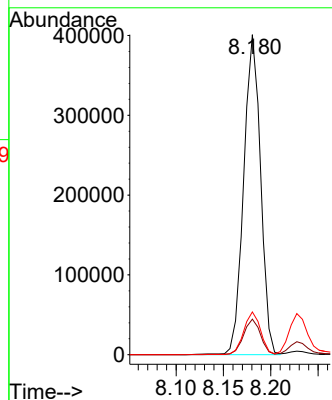
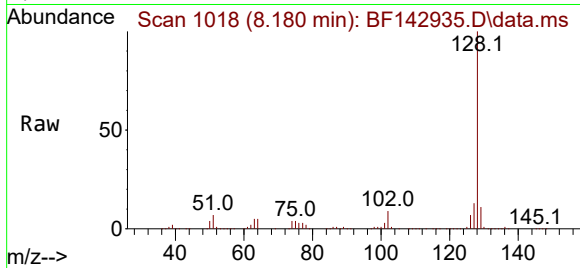




#31
Naphthalene
Concen: 44.113 ng
RT: 8.180 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142935.D
Acq: 01 Jul 2025 01:15

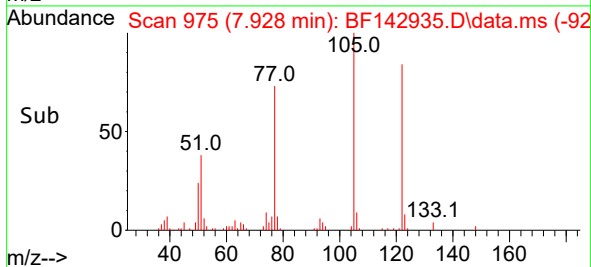
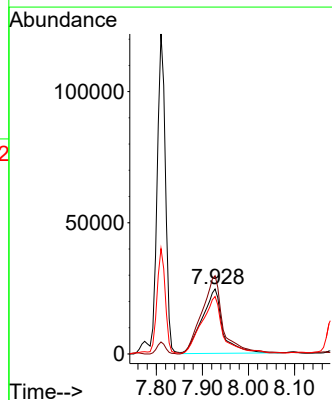
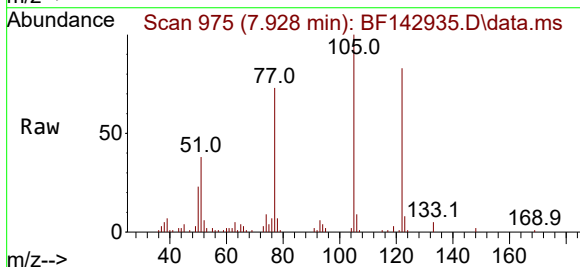
Instrument :
BNA_F
ClientSampleId :
EP-2MS

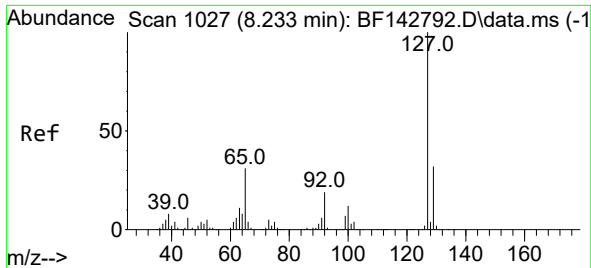
Tgt Ion:128 Resp: 497156
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.3 10.4 15.6



#32
Benzoic acid
Concen: 42.082 ng
RT: 7.928 min Scan# 975
Delta R.T. 0.006 min
Lab File: BF142935.D
Acq: 01 Jul 2025 01:15

Tgt Ion:122 Resp: 76893
Ion Ratio Lower Upper
122 100
105 120.7 104.7 144.7
77 88.5 70.2 110.2

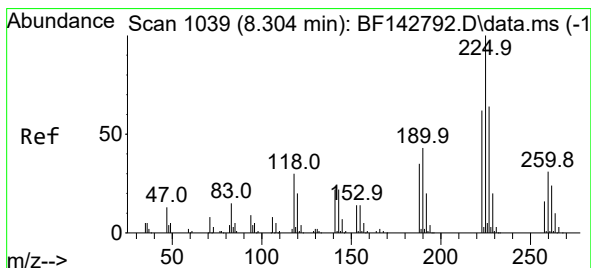
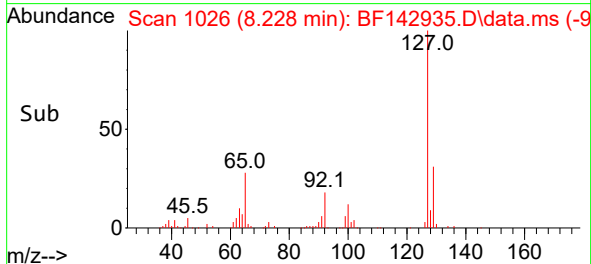
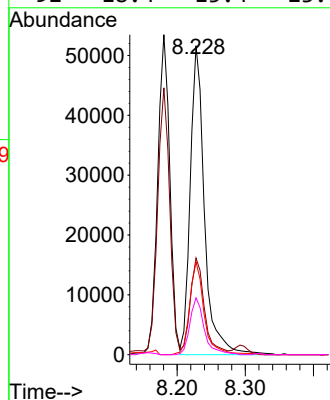
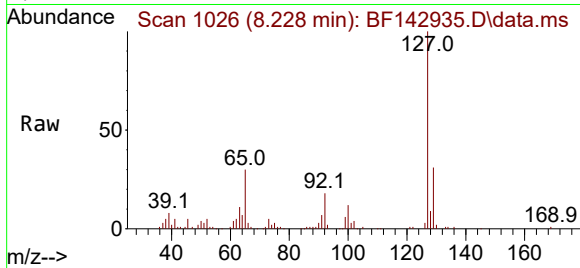




#33
4-Chloroaniline
Concen: 16.282 ng
RT: 8.228 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF142935.D
Acq: 01 Jul 2025 01:15

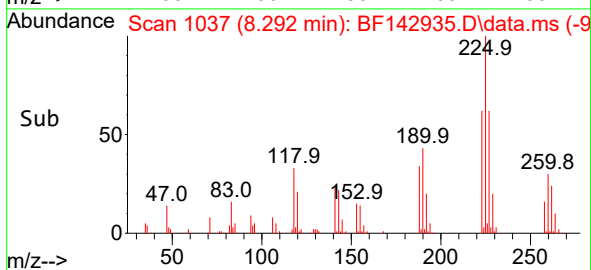
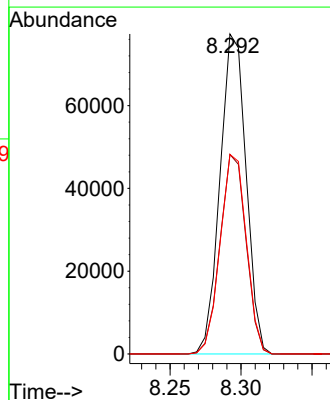
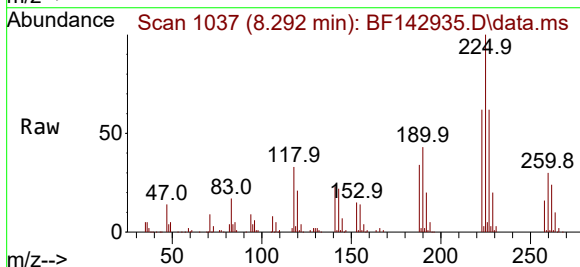
Instrument :
BNA_F
ClientSampleId :
EP-2MS

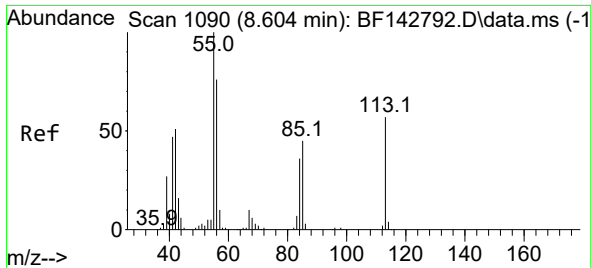
Tgt Ion:	127	Resp:	74614
Ion Ratio	Lower	Upper	
127	100		
129	31.3	25.9	38.9
65	30.0	24.6	36.8
92	18.4	15.4	23.0



#34
Hexachlorobutadiene
Concen: 45.053 ng
RT: 8.292 min Scan# 1037
Delta R.T. -0.012 min
Lab File: BF142935.D
Acq: 01 Jul 2025 01:15

Tgt Ion:	225	Resp:	98502
Ion Ratio	Lower	Upper	
225	100		
223	62.3	49.9	74.9
227	62.3	51.4	77.0

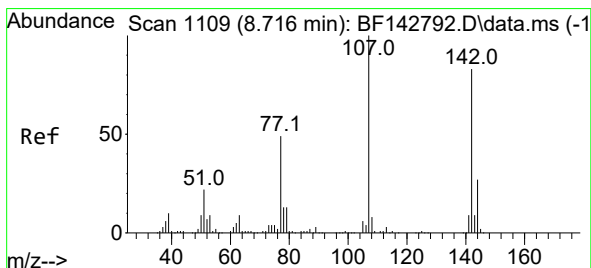
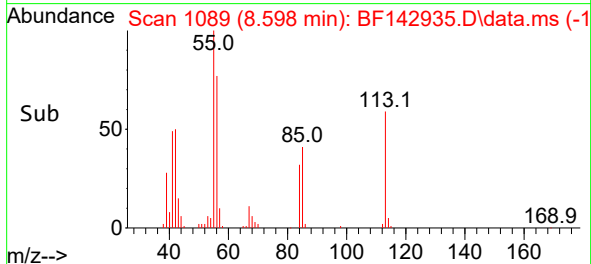
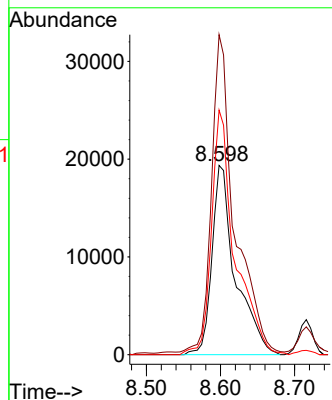
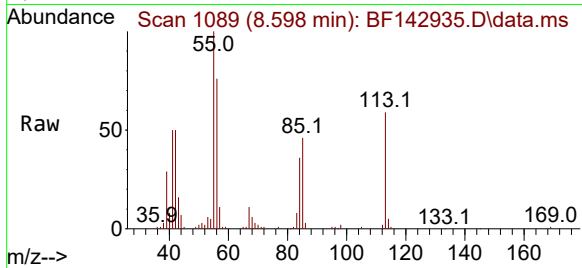




#35
 Caprolactam
 Concen: 49.784 ng
 RT: 8.598 min Scan# 1089
 Delta R.T. -0.006 min
 Lab File: BF142935.D
 Acq: 01 Jul 2025 01:15

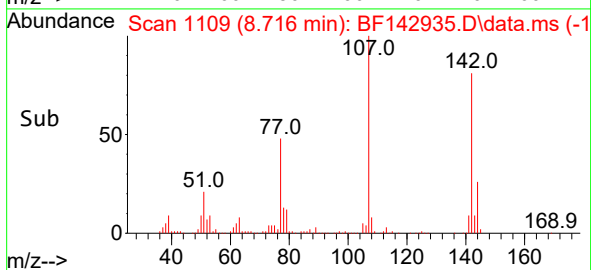
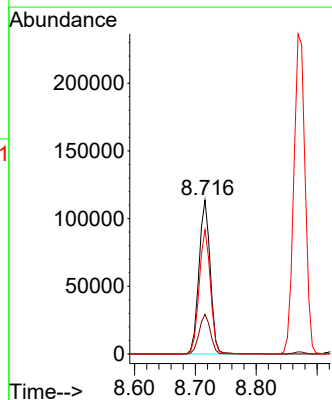
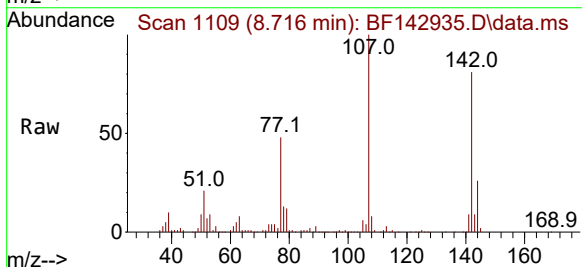
Instrument :
 BNA_F
 ClientSampleId :
 EP-2MS

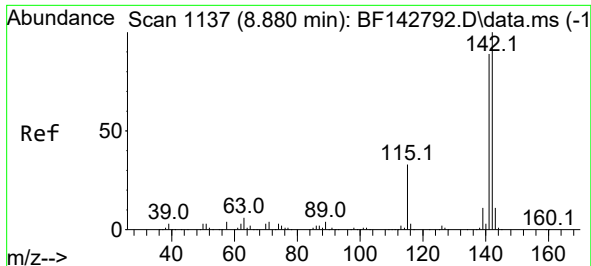
Tgt Ion:113 Resp: 42702
 Ion Ratio Lower Upper
 113 100
 55 169.1 154.4 194.4
 56 129.3 112.1 152.1



#36
 4-Chloro-3-methylphenol
 Concen: 45.502 ng
 RT: 8.716 min Scan# 1109
 Delta R.T. -0.000 min
 Lab File: BF142935.D
 Acq: 01 Jul 2025 01:15

Tgt Ion:107 Resp: 146994
 Ion Ratio Lower Upper
 107 100
 144 25.8 21.3 31.9
 142 80.7 66.6 100.0

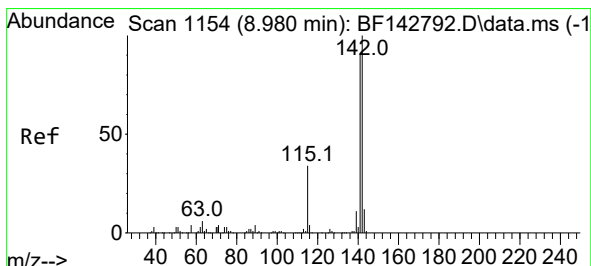
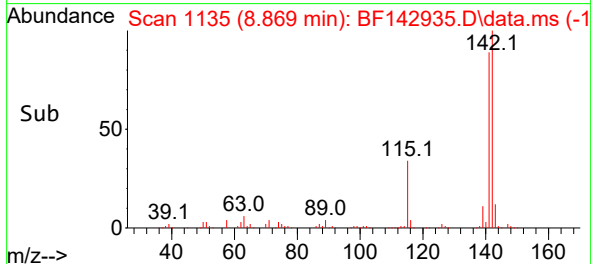
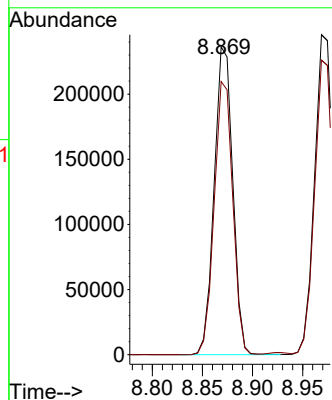
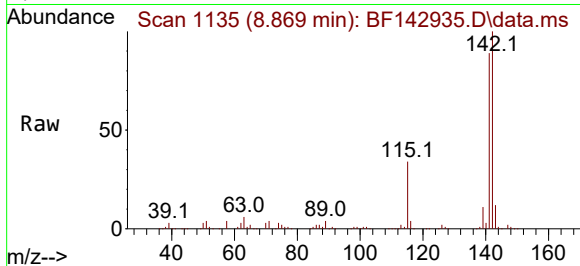




#37
2-Methylnaphthalene
Concen: 43.517 ng
RT: 8.869 min Scan# 1135
Delta R.T. -0.012 min
Lab File: BF142935.D
Acq: 01 Jul 2025 01:15

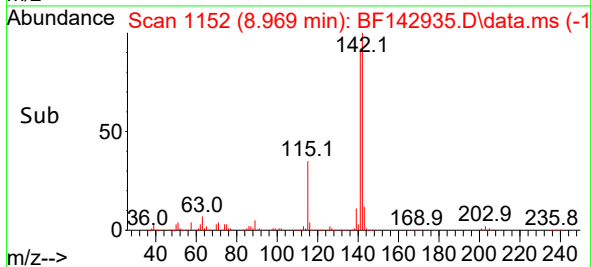
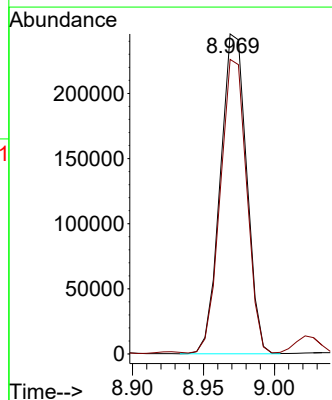
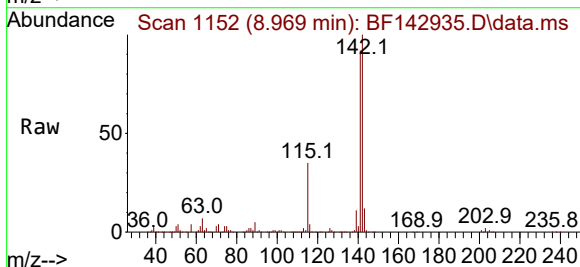
Instrument :
BNA_F
ClientSampleId :
EP-2MS

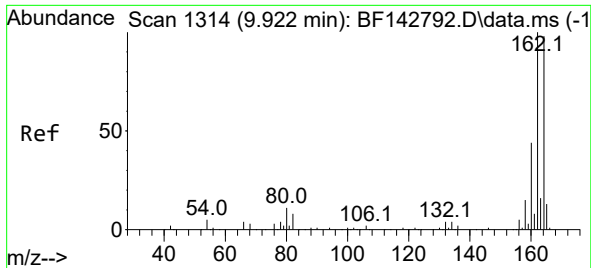
Tgt Ion:142 Resp: 304058
Ion Ratio Lower Upper
142 100
141 88.7 70.9 106.3



#38
1-Methylnaphthalene
Concen: 43.828 ng
RT: 8.969 min Scan# 1152
Delta R.T. -0.012 min
Lab File: BF142935.D
Acq: 01 Jul 2025 01:15

Tgt Ion:142 Resp: 317006
Ion Ratio Lower Upper
142 100
141 92.0 73.0 109.4

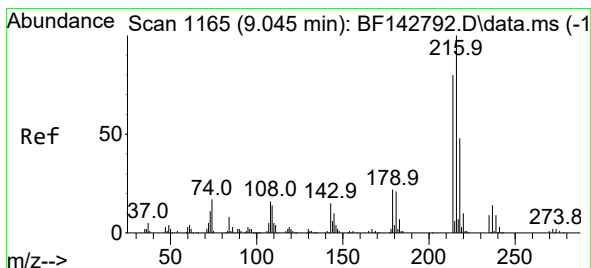
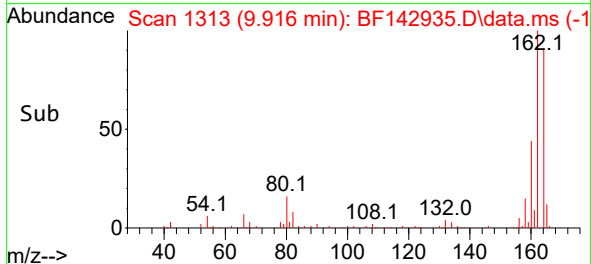
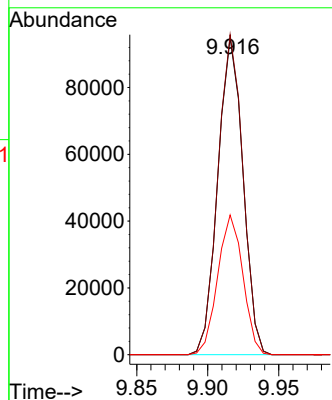
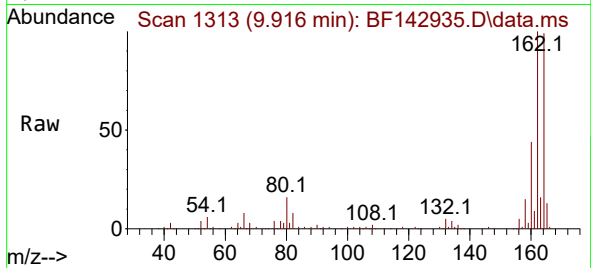




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF142935.D
Acq: 01 Jul 2025 01:15

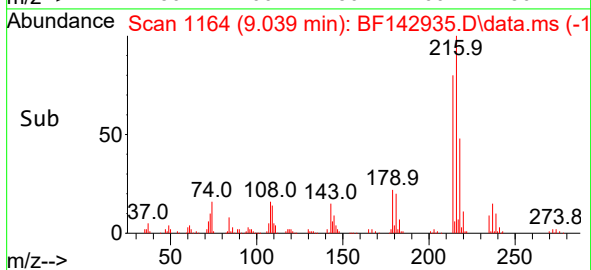
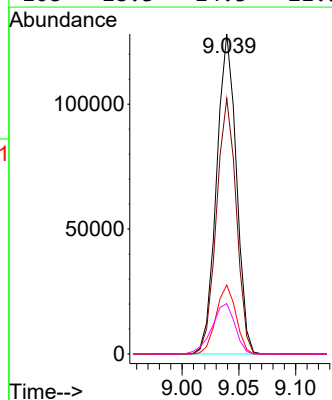
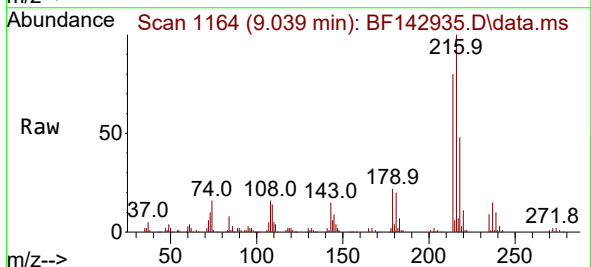
Instrument :
BNA_F
ClientSampleId :
EP-2MS

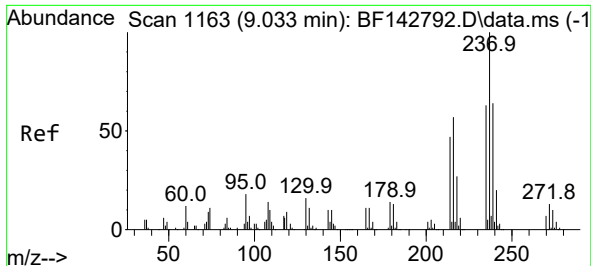
Tgt Ion:164 Resp: 116921
Ion Ratio Lower Upper
164 100
162 101.0 81.8 122.8
160 44.1 36.0 54.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.031 ng
RT: 9.039 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF142935.D
Acq: 01 Jul 2025 01:15

Tgt Ion:216 Resp: 155353
Ion Ratio Lower Upper
216 100
214 79.6 63.7 95.5
179 21.5 17.6 26.4
108 18.3 14.3 21.5

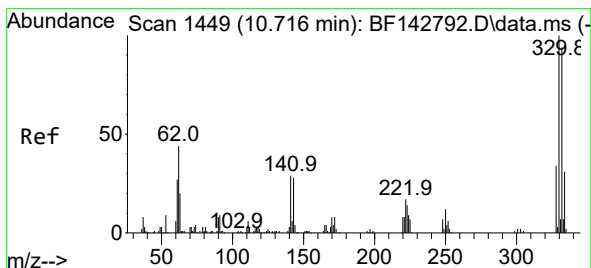
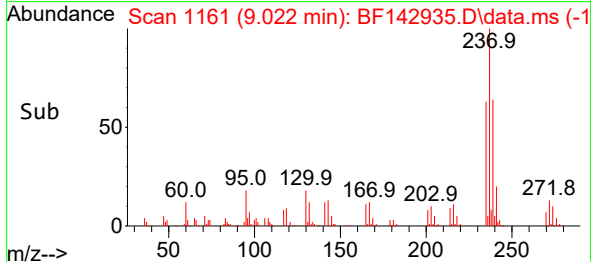
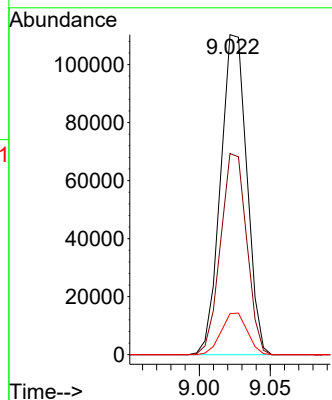
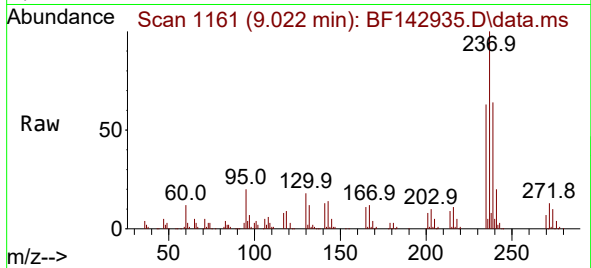




#41
Hexachlorocyclopentadiene
Concen: 72.372 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.012 min
Lab File: BF142935.D
Acq: 01 Jul 2025 01:15

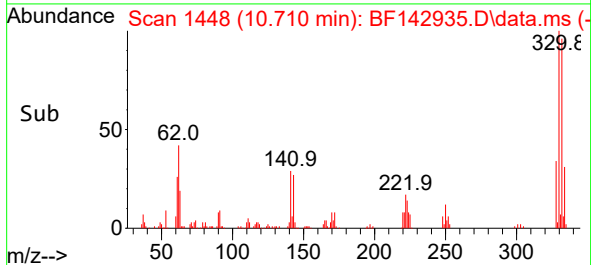
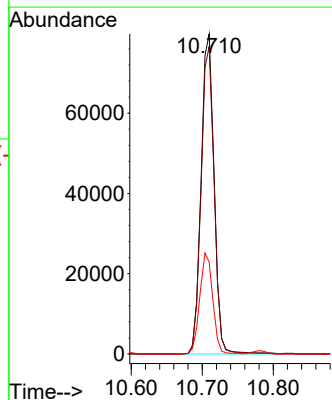
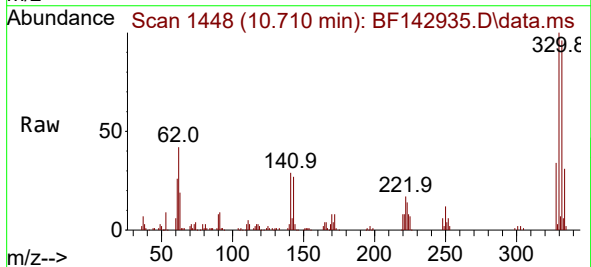
Instrument :
BNA_F
ClientSampleId :
EP-2MS

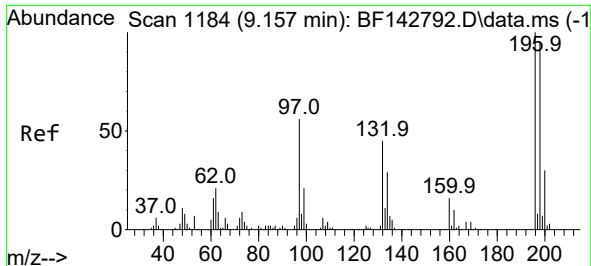
Tgt Ion:237 Resp: 141689
Ion Ratio Lower Upper
237 100
235 62.8 43.4 83.4
272 12.8 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 84.633 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF142935.D
Acq: 01 Jul 2025 01:15

Tgt Ion:330 Resp: 101830
Ion Ratio Lower Upper
330 100
332 96.3 75.0 112.6
141 31.4 25.3 37.9





#43

2,4,6-Trichlorophenol

Concen: 44.828 ng

RT: 9.151 min Scan# 1183

Delta R.T. -0.006 min

Lab File: BF142935.D

Acq: 01 Jul 2025 01:15

Instrument :

BNA_F

ClientSampleId :

EP-2MS

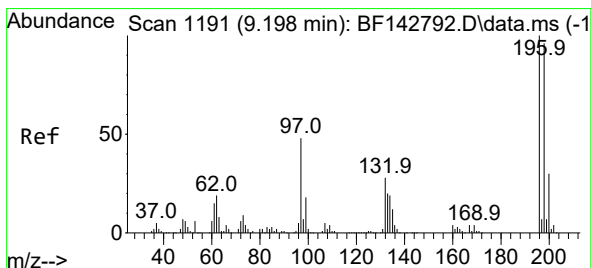
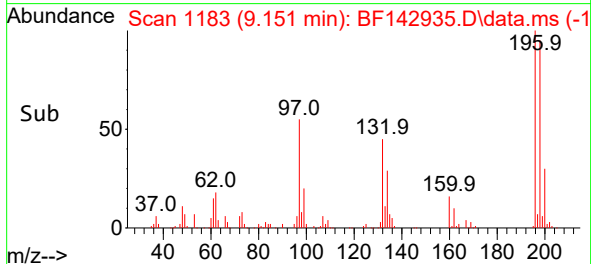
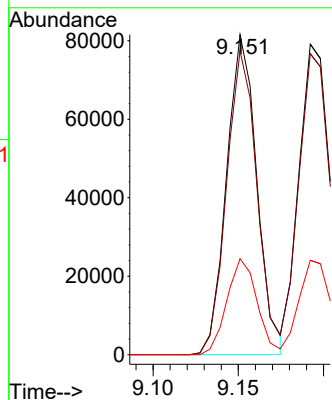
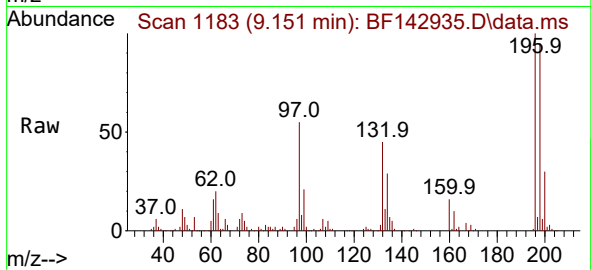
Tgt Ion:196 Resp: 100777

Ion Ratio Lower Upper

196 100

198 94.9 76.2 114.2

200 30.0 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 43.442 ng

RT: 9.192 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BF142935.D

Acq: 01 Jul 2025 01:15

Tgt Ion:196 Resp: 102805

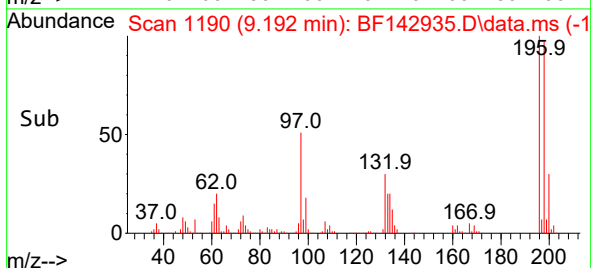
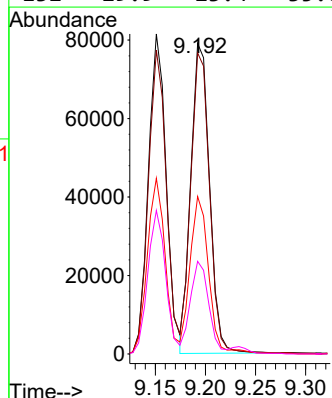
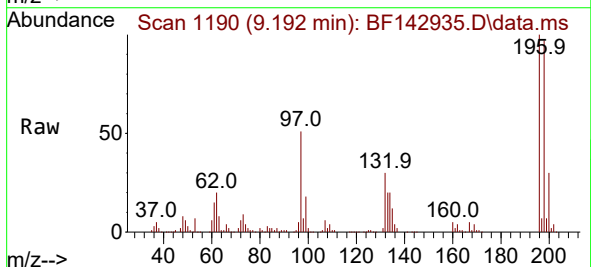
Ion Ratio Lower Upper

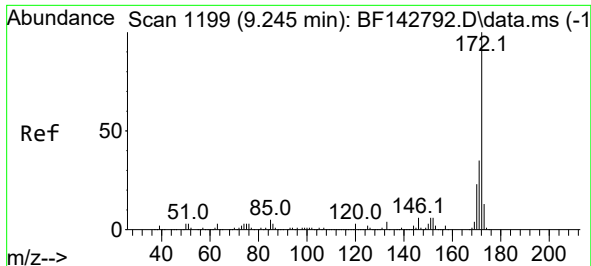
196 100

198 96.9 76.6 115.0

97 50.7 38.2 57.2

132 29.9 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 55.295 ng

RT: 9.233 min Scan# 1197

Delta R.T. -0.012 min

Lab File: BF142935.D

Acq: 01 Jul 2025 01:15

Instrument :

BNA_F

ClientSampleId :

EP-2MS

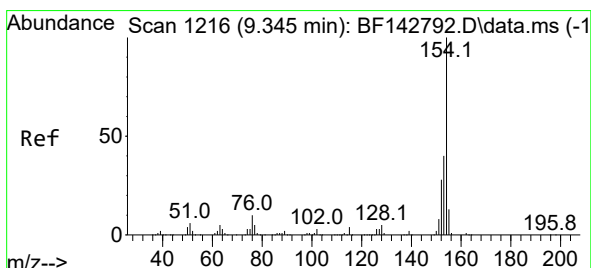
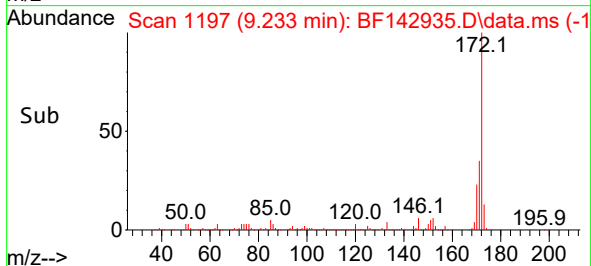
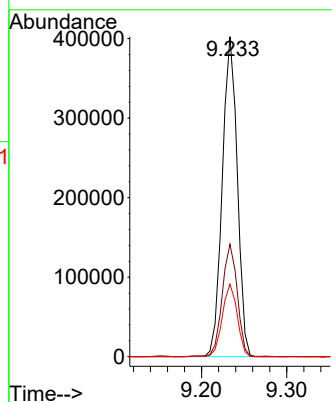
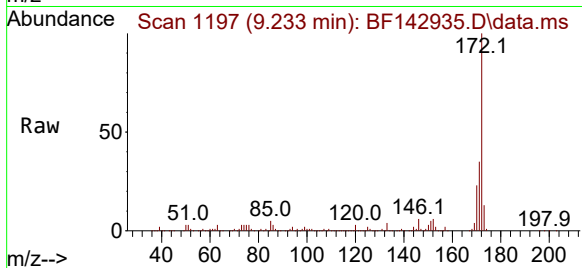
Tgt Ion:172 Resp: 492140

Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.4

170 22.7 18.5 27.7



#46

1,1'-Biphenyl

Concen: 45.021 ng

RT: 9.333 min Scan# 1214

Delta R.T. -0.012 min

Lab File: BF142935.D

Acq: 01 Jul 2025 01:15

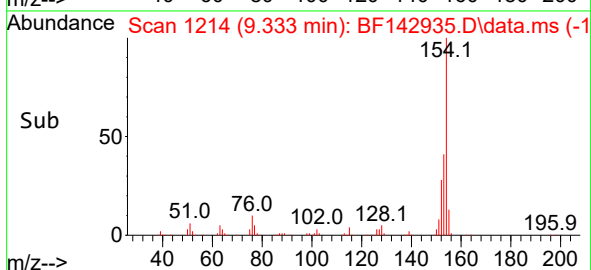
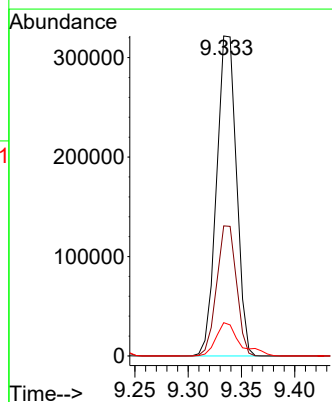
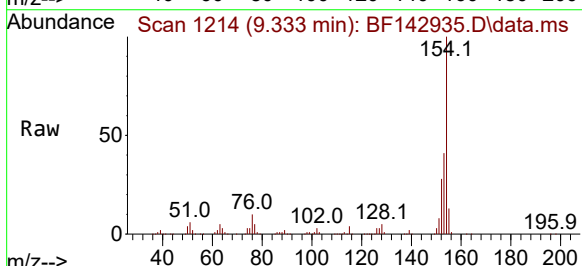
Tgt Ion:154 Resp: 415820

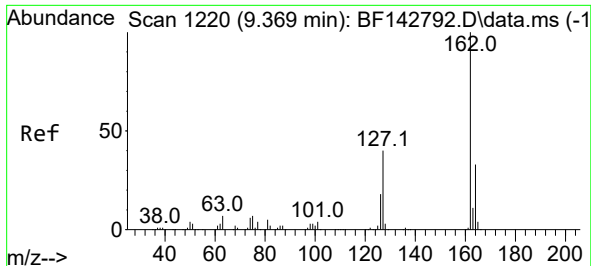
Ion Ratio Lower Upper

154 100

153 40.7 20.3 60.3

76 10.4 0.0 30.3





#47

2-Chloronaphthalene

Concen: 44.221 ng

RT: 9.363 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142935.D

Acq: 01 Jul 2025 01:15

Instrument :

BNA_F

ClientSampleId :

EP-2MS

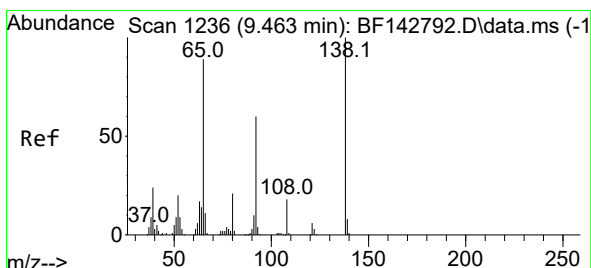
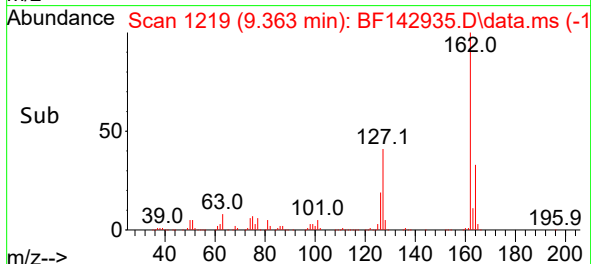
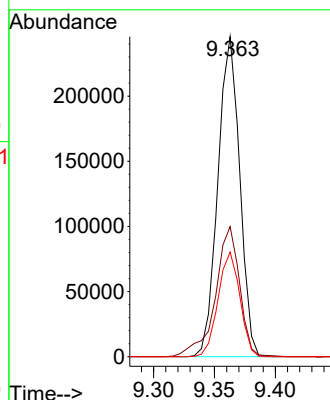
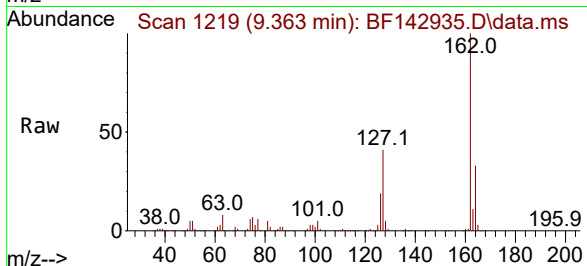
Tgt Ion:162 Resp: 306496

Ion Ratio Lower Upper

162 100

127 40.6 32.2 48.2

164 32.7 26.1 39.1



#48

2-Nitroaniline

Concen: 45.606 ng

RT: 9.457 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF142935.D

Acq: 01 Jul 2025 01:15

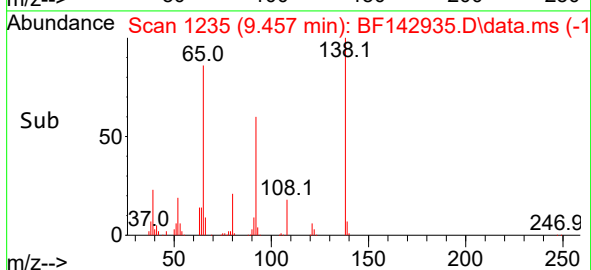
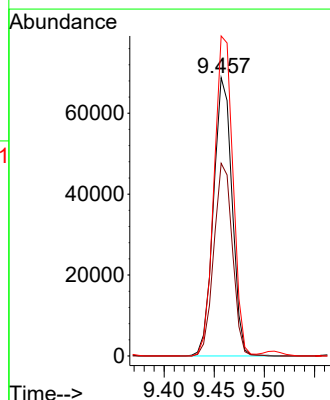
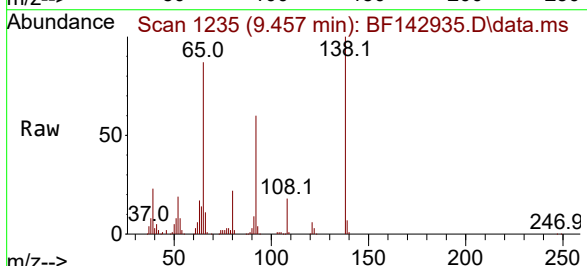
Tgt Ion: 65 Resp: 88619

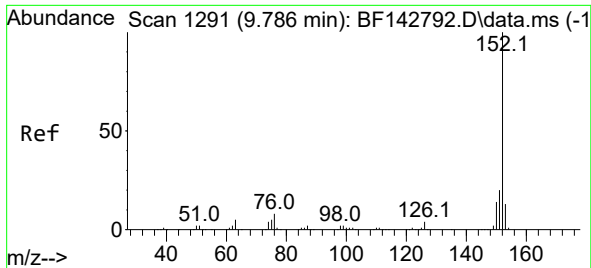
Ion Ratio Lower Upper

65 100

92 69.2 53.8 80.6

138 115.0 89.6 134.4

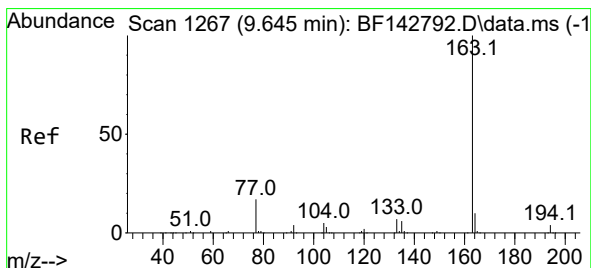
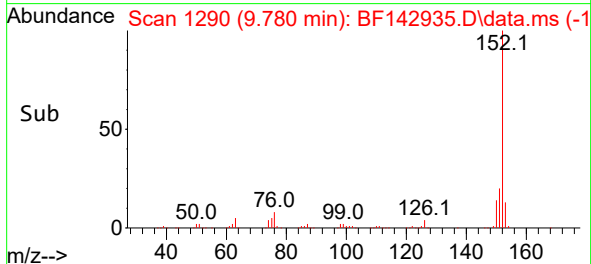
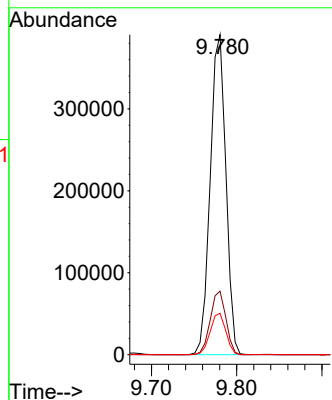
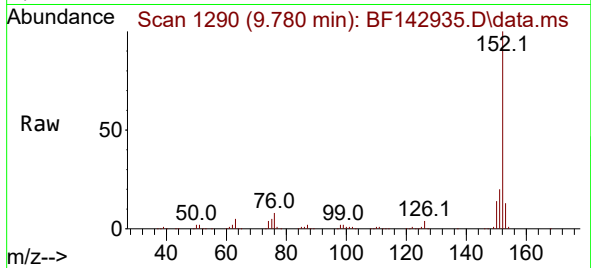




#49
Acenaphthylene
Concen: 43.682 ng
RT: 9.780 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142935.D
Acq: 01 Jul 2025 01:15

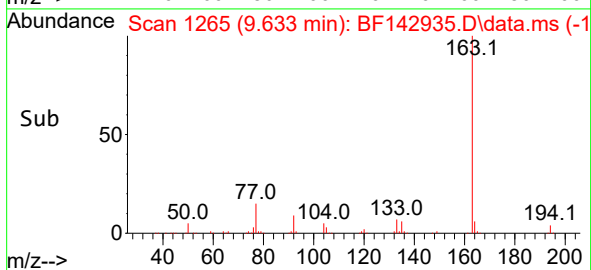
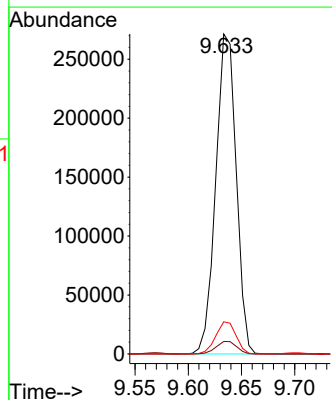
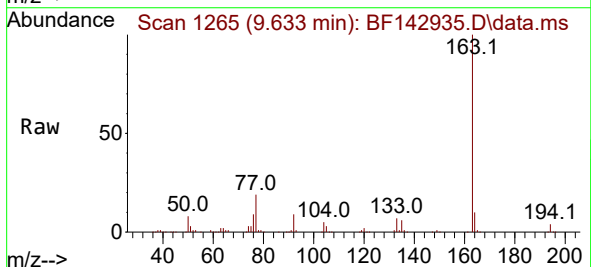
Instrument :
BNA_F
ClientSampleId :
EP-2MS

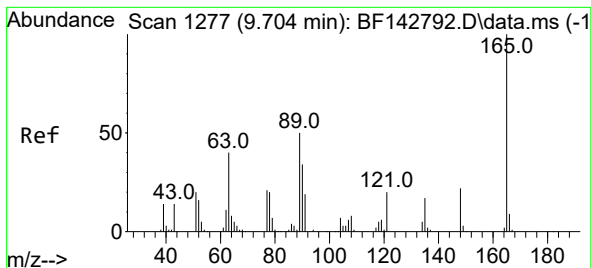
Tgt Ion:152 Resp: 498407
Ion Ratio Lower Upper
152 100
151 19.9 16.1 24.1
153 12.9 10.4 15.6



#50
Dimethylphthalate
Concen: 47.772 ng
RT: 9.633 min Scan# 1265
Delta R.T. -0.012 min
Lab File: BF142935.D
Acq: 01 Jul 2025 01:15

Tgt Ion:163 Resp: 361552
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.1 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 46.872 ng

RT: 9.698 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142935.D

Acq: 01 Jul 2025 01:15

Instrument :

BNA_F

ClientSampleId :

EP-2MS

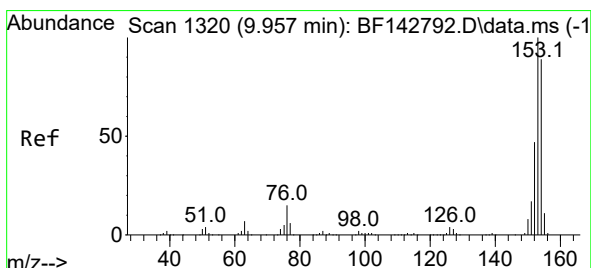
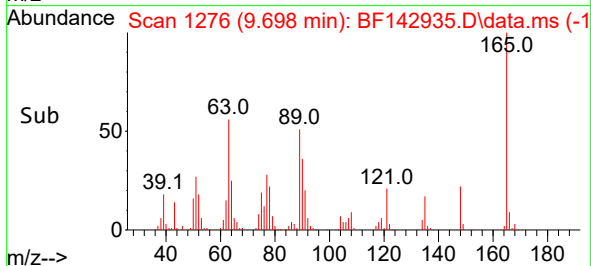
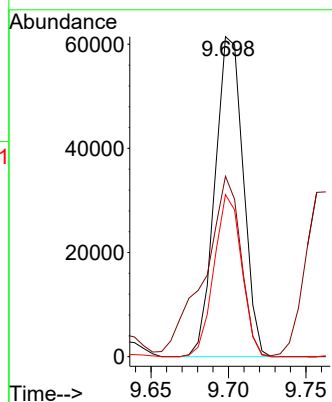
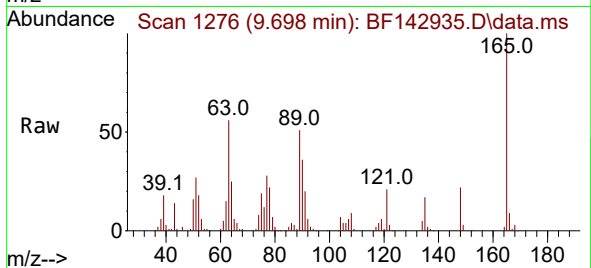
Tgt Ion:165 Resp: 77905

Ion Ratio Lower Upper

165 100

63 56.4 44.2 66.4

89 50.7 39.8 59.8



#52

Acenaphthene

Concen: 46.118 ng

RT: 9.951 min Scan# 1319

Delta R.T. -0.006 min

Lab File: BF142935.D

Acq: 01 Jul 2025 01:15

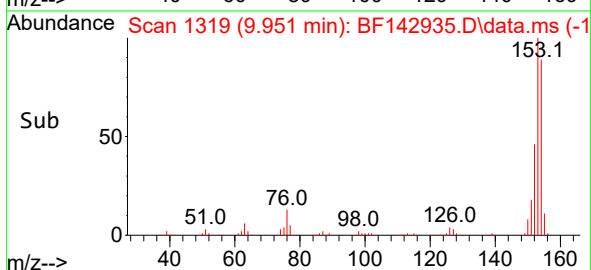
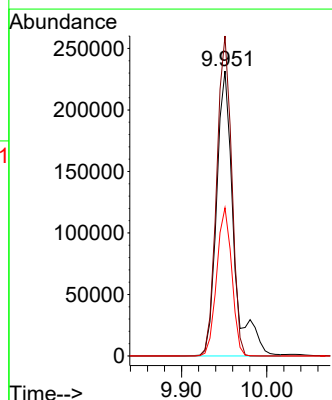
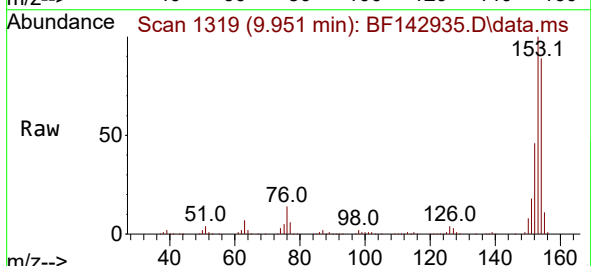
Tgt Ion:154 Resp: 321053

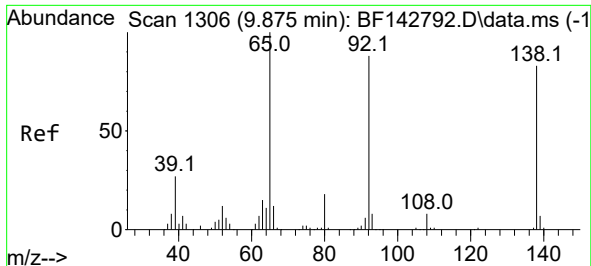
Ion Ratio Lower Upper

154 100

153 112.3 90.0 135.0

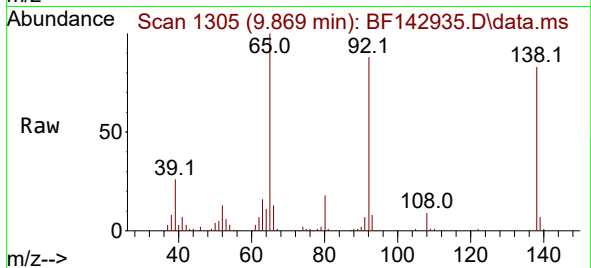
152 52.0 41.9 62.9



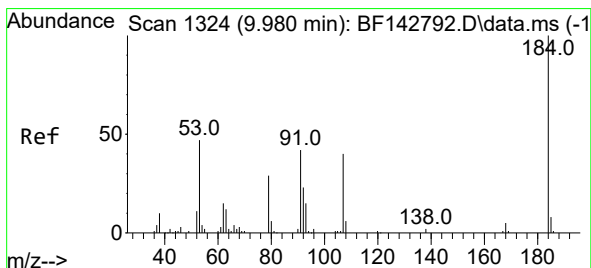
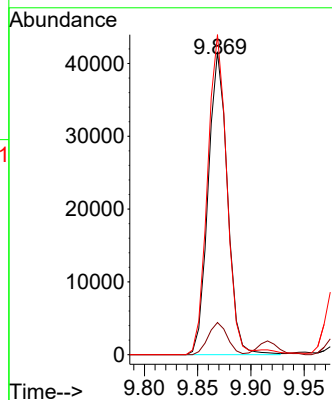
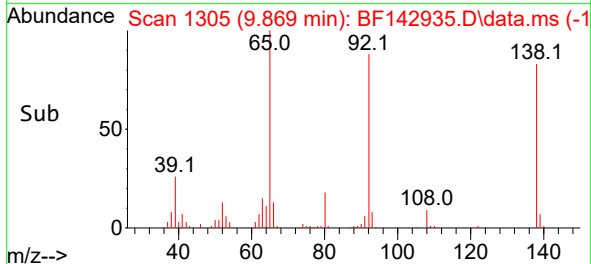


#53
3-Nitroaniline
Concen: 28.660 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142935.D
Acq: 01 Jul 2025 01:15

Instrument :
BNA_F
ClientSampleId :
EP-2MS

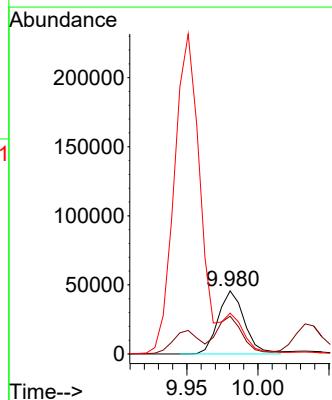
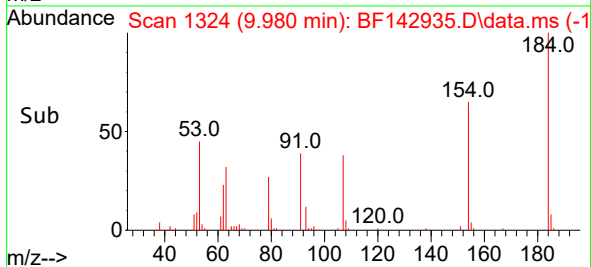
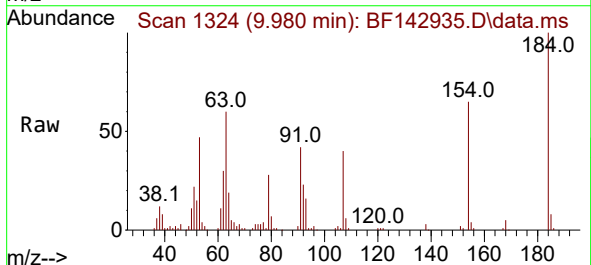


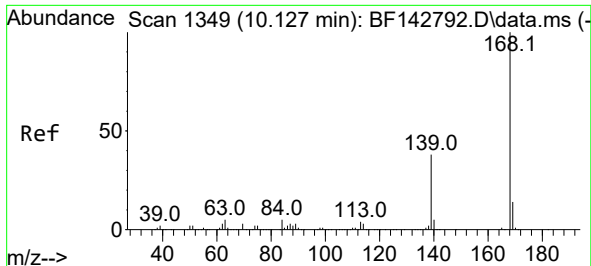
Tgt Ion:138 Resp: 52447
Ion Ratio Lower Upper
138 100
108 10.6 8.1 12.1
92 105.7 85.1 127.7



#54
2,4-Dinitrophenol
Concen: 70.714 ng
RT: 9.980 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BF142935.D
Acq: 01 Jul 2025 01:15

Tgt Ion:184 Resp: 58851
Ion Ratio Lower Upper
184 100
63 60.0 50.6 75.8
154 64.7 51.8 77.8

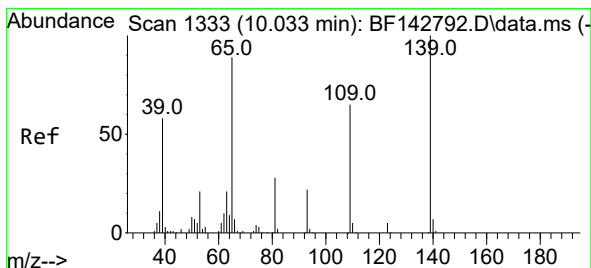
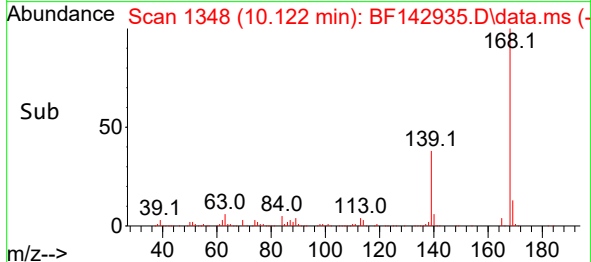
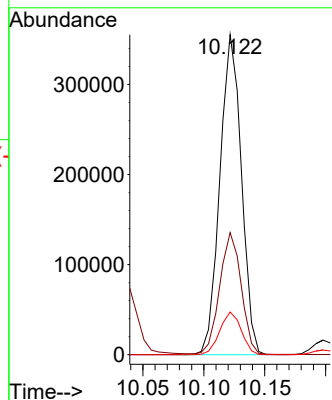
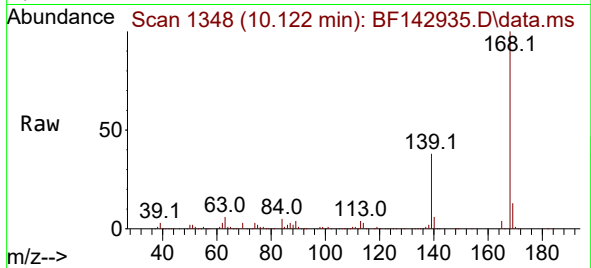




#55
Dibenzenofuran
Concen: 43.721 ng
RT: 10.122 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142935.D
Acq: 01 Jul 2025 01:15

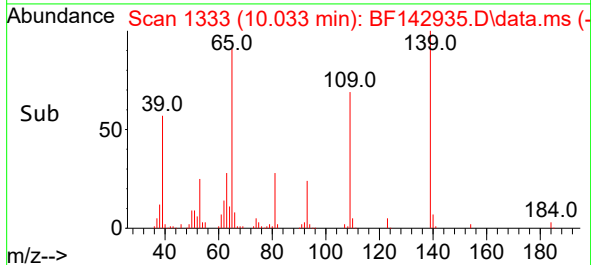
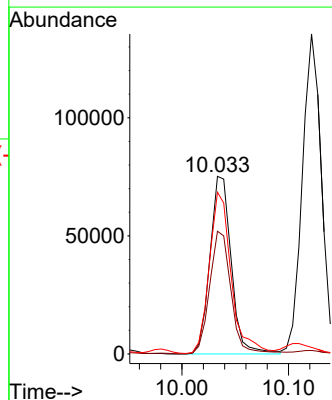
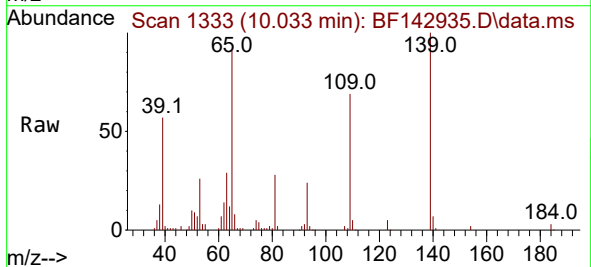
Instrument :
BNA_F
ClientSampleId :
EP-2MS

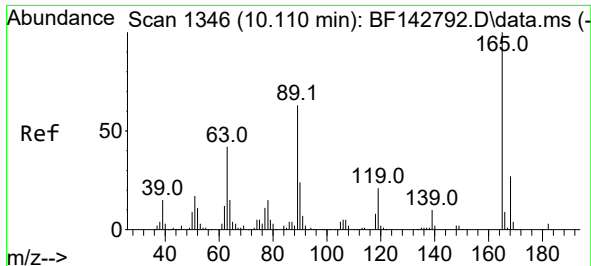
Tgt Ion:168 Resp: 436448
Ion Ratio Lower Upper
168 100
139 38.1 30.2 45.4
169 13.4 10.8 16.2



#56
4-Nitrophenol
Concen: 83.516 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF142935.D
Acq: 01 Jul 2025 01:15

Tgt Ion:139 Resp: 104628
Ion Ratio Lower Upper
139 100
109 69.2 44.7 84.7
65 91.1 69.8 109.8

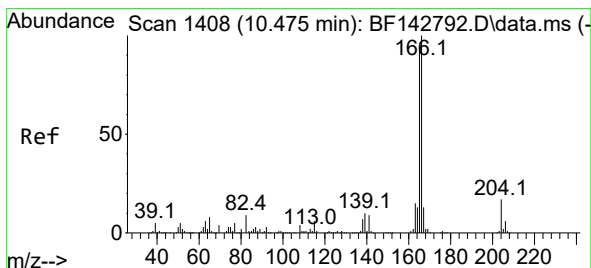
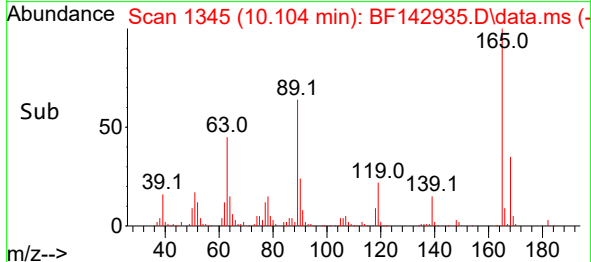
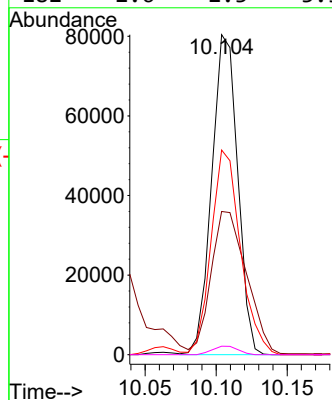
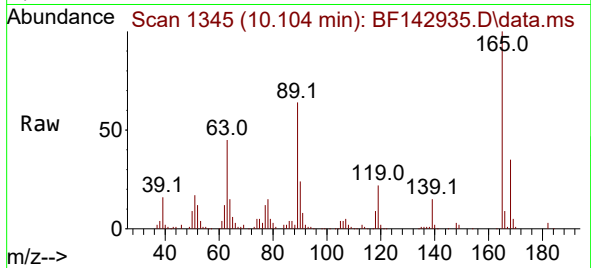




#57
2,4-Dinitrotoluene
Concen: 46.281 ng
RT: 10.104 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142935.D
Acq: 01 Jul 2025 01:15

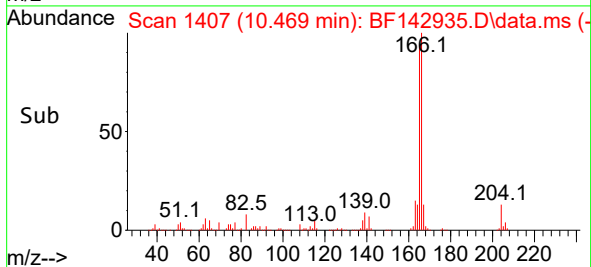
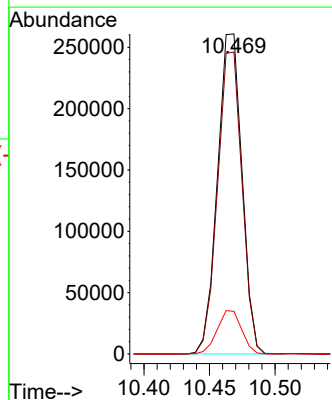
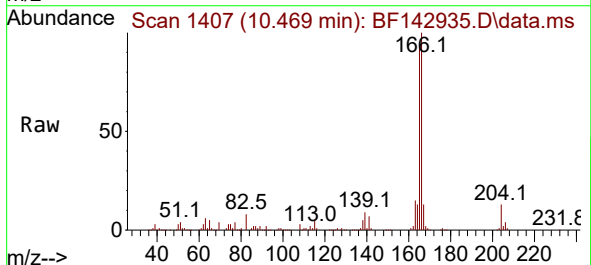
Instrument :
BNA_F
ClientSampleId :
EP-2MS

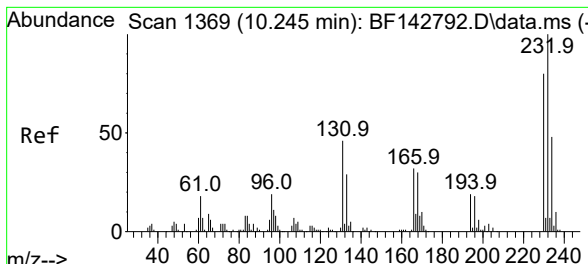
Tgt Ion:165 Resp: 102177
Ion Ratio Lower Upper
165 100
63 44.7 33.9 50.9
89 63.9 50.6 75.8
182 2.6 2.3 3.5



#58
Fluorene
Concen: 43.475 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF142935.D
Acq: 01 Jul 2025 01:15

Tgt Ion:166 Resp: 338944
Ion Ratio Lower Upper
166 100
165 94.4 75.2 112.8
167 13.3 10.6 15.8

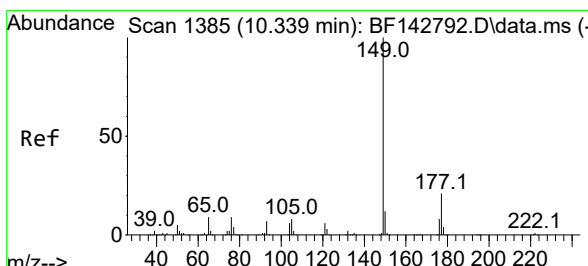
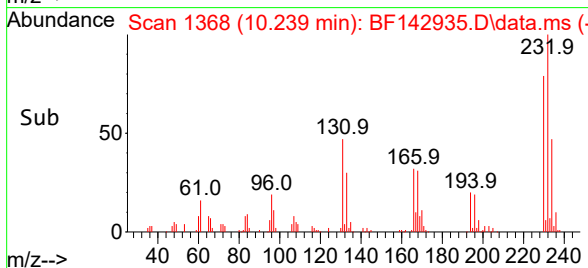
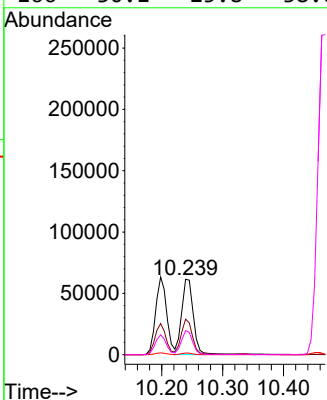
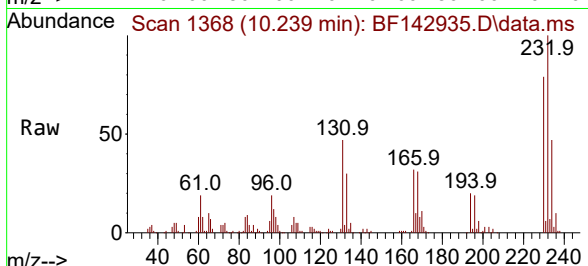




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.991 ng
RT: 10.239 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BF142935.D
Acq: 01 Jul 2025 01:15

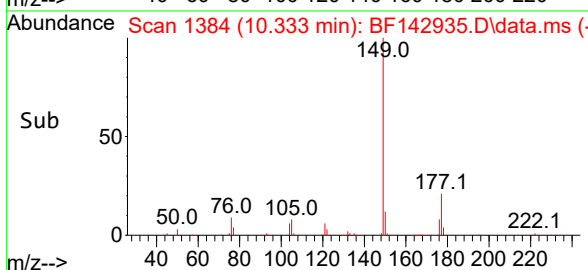
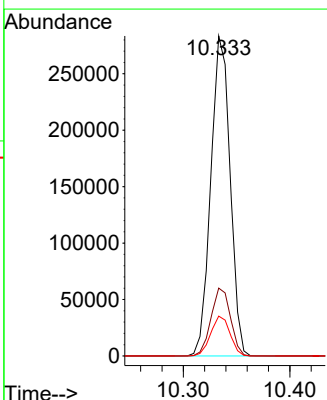
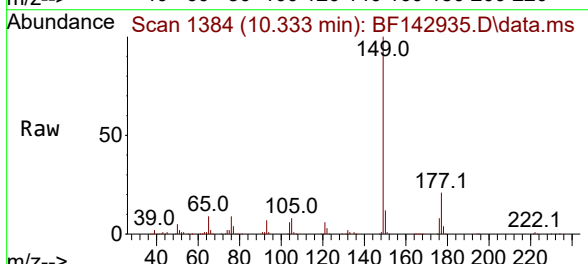
Instrument :
BNA_F
ClientSampleId :
EP-2MS

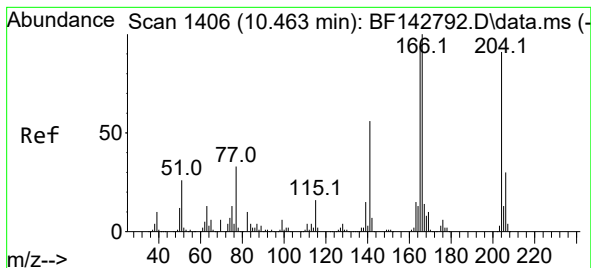
Tgt Ion:232 Resp: 82007
Ion Ratio Lower Upper
232 100
131 45.4 37.6 56.4
130 2.1 1.7 2.5
166 30.1 25.8 38.6



#60
Diethylphthalate
Concen: 47.949 ng
RT: 10.333 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF142935.D
Acq: 01 Jul 2025 01:15

Tgt Ion:149 Resp: 355813
Ion Ratio Lower Upper
149 100
177 21.2 17.0 25.6
150 12.5 9.8 14.6

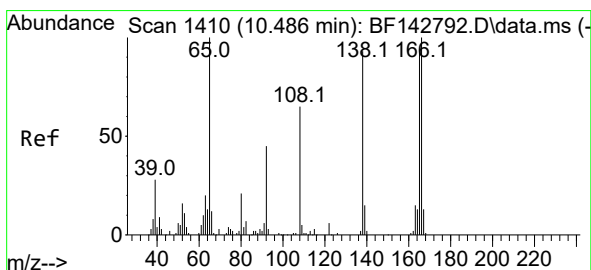
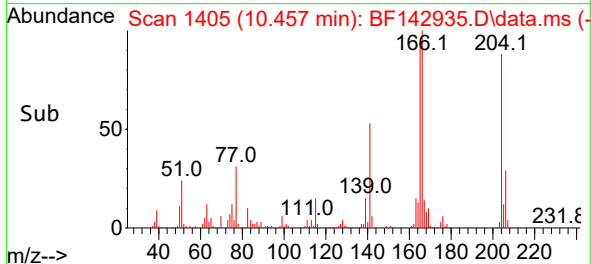
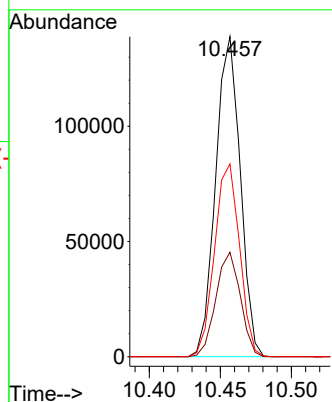
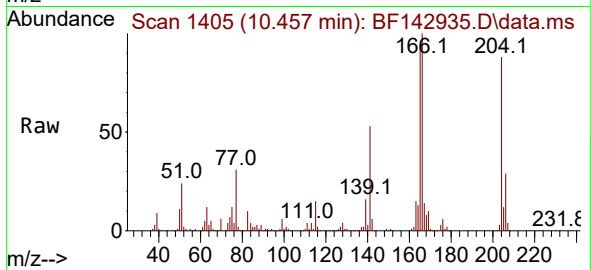




#61
4-Chlorophenyl-phenylether
Concen: 45.018 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF142935.D
Acq: 01 Jul 2025 01:15

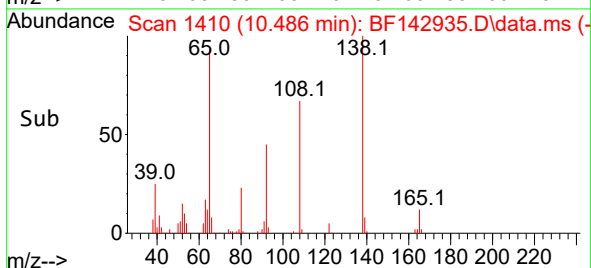
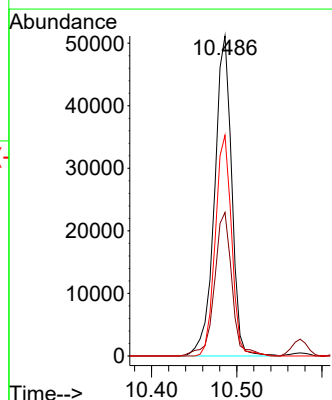
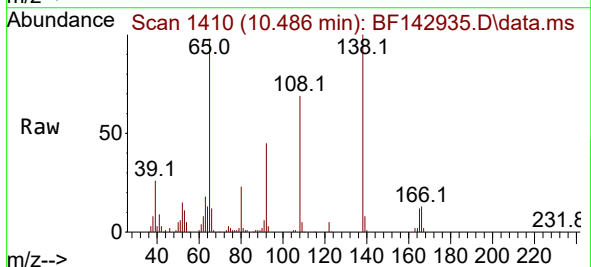
Instrument :
BNA_F
ClientSampleId :
EP-2MS

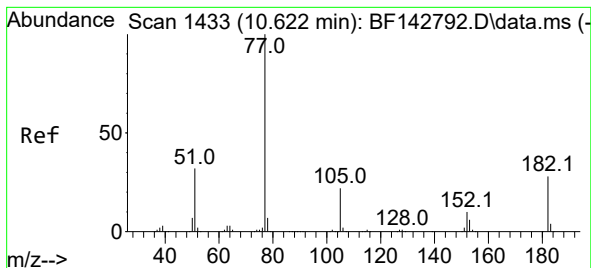
Tgt Ion:204 Resp: 167480
Ion Ratio Lower Upper
204 100
206 32.7 26.3 39.5
141 60.2 49.1 73.7



#62
4-Nitroaniline
Concen: 42.655 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF142935.D
Acq: 01 Jul 2025 01:15

Tgt Ion:138 Resp: 71388
Ion Ratio Lower Upper
138 100
92 44.8 28.4 68.4
108 69.0 50.2 90.2





#63

Azobenzene

Concen: 45.344 ng

RT: 10.616 min Scan# 1432

Delta R.T. -0.006 min

Lab File: BF142935.D

Acq: 01 Jul 2025 01:15

Instrument :

BNA_F

ClientSampleId :

EP-2MS

Tgt Ion: 77 Resp: 300734

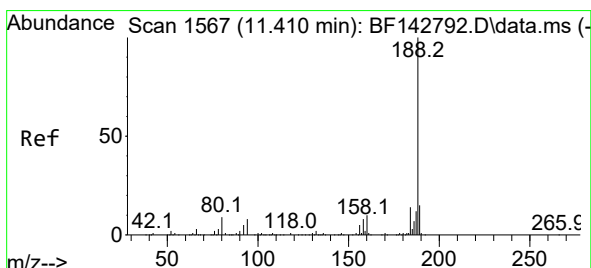
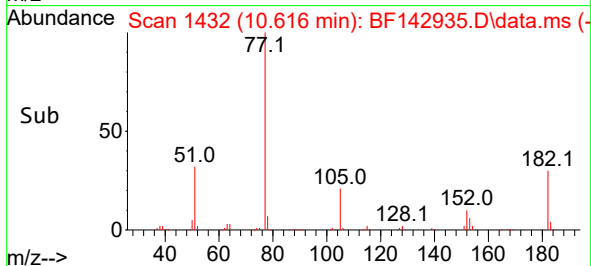
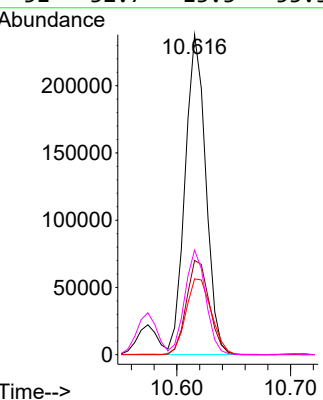
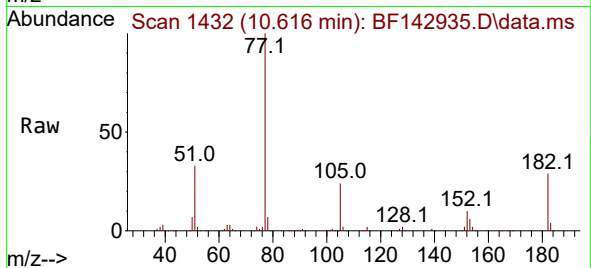
Ion Ratio Lower Upper

77 100

182 29.4 7.7 47.7

105 23.7 1.9 41.9

51 32.7 13.3 53.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1566

Delta R.T. -0.006 min

Lab File: BF142935.D

Acq: 01 Jul 2025 01:15

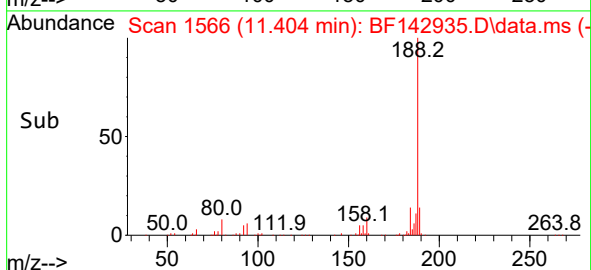
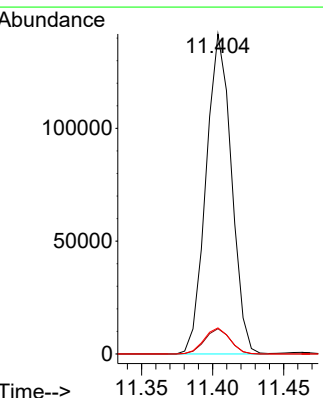
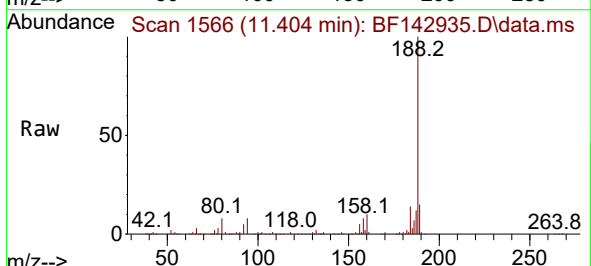
Tgt Ion:188 Resp: 176179

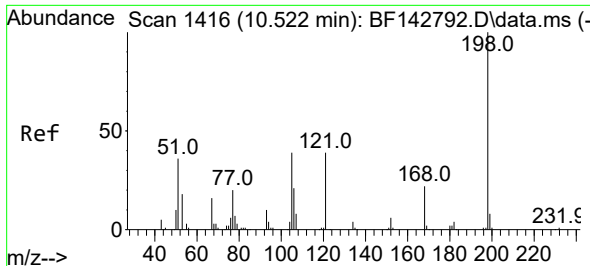
Ion Ratio Lower Upper

188 100

94 7.9 6.7 10.1

80 8.2 6.9 10.3

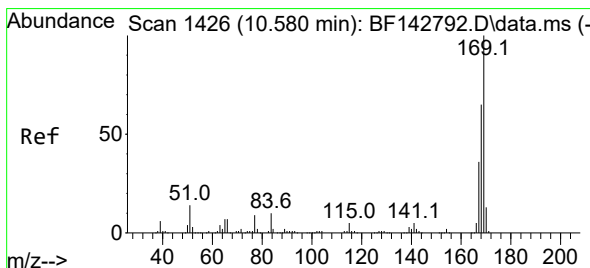
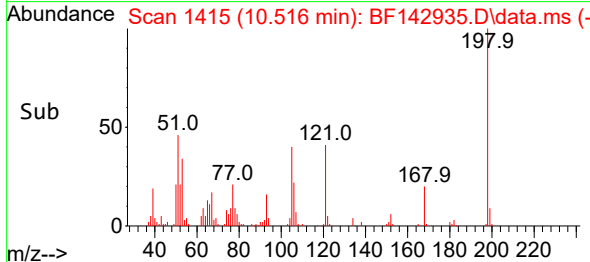
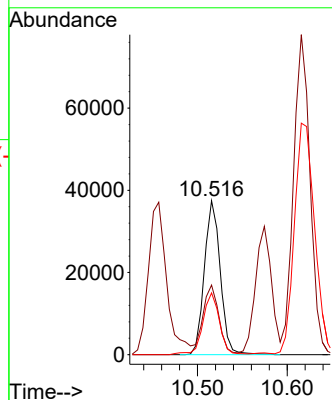
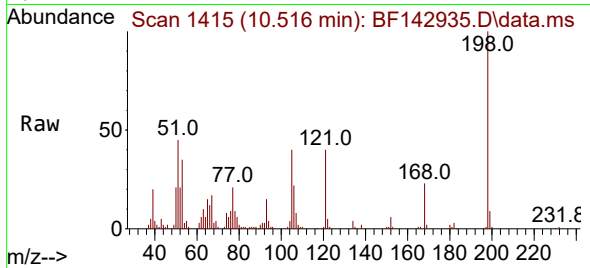




#65
4,6-Dinitro-2-methylphenol
Concen: 43.375 ng
RT: 10.516 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF142935.D
Acq: 01 Jul 2025 01:15

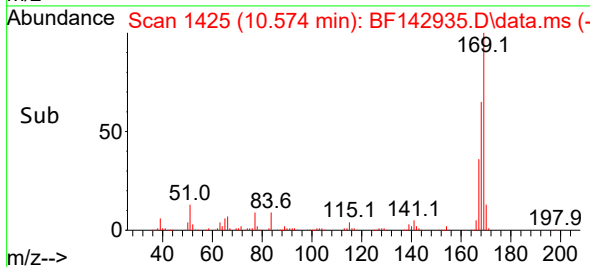
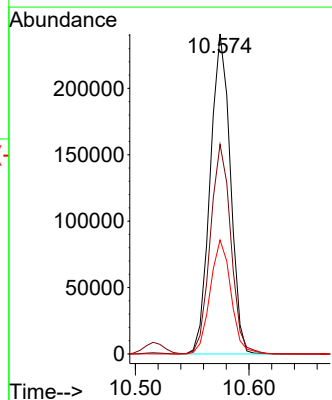
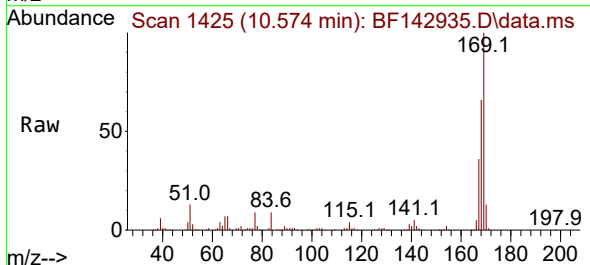
Instrument :
BNA_F
ClientSampleId :
EP-2MS

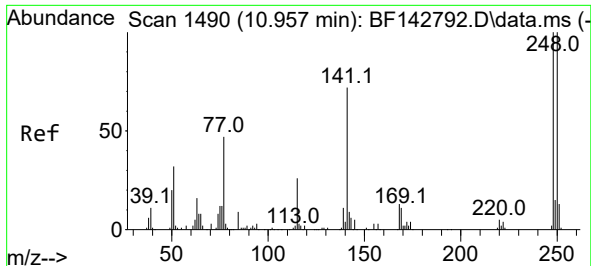
Tgt Ion:198 Resp: 46222
Ion Ratio Lower Upper
198 100
51 45.2 25.4 65.4
105 40.1 20.4 60.4



#66
n-Nitrosodiphenylamine
Concen: 48.603 ng
RT: 10.574 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF142935.D
Acq: 01 Jul 2025 01:15

Tgt Ion:169 Resp: 296769
Ion Ratio Lower Upper
169 100
168 65.5 51.9 77.9
167 35.6 28.5 42.7

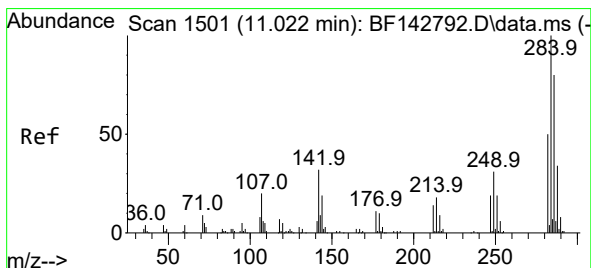
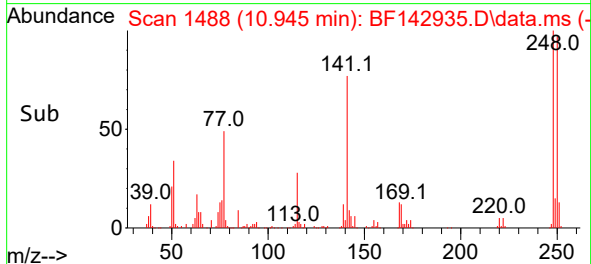
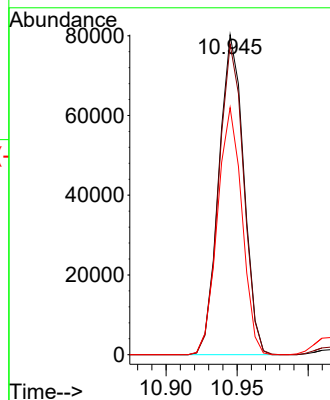
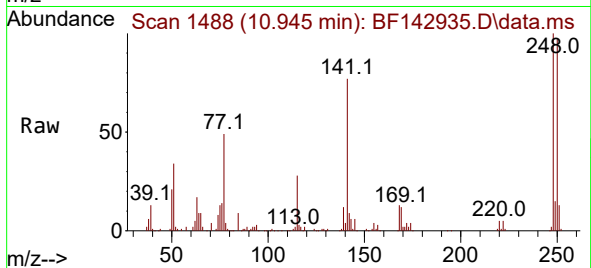




#67
4-Bromophenyl-phenylether
Concen: 48.839 ng
RT: 10.945 min Scan# 1488
Delta R.T. -0.012 min
Lab File: BF142935.D
Acq: 01 Jul 2025 01:15

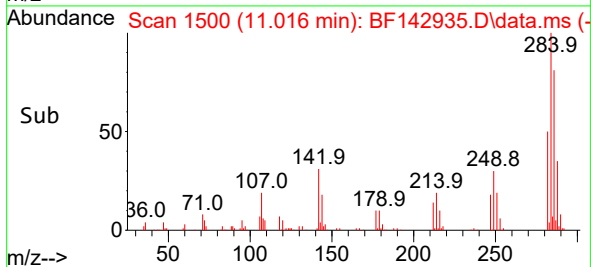
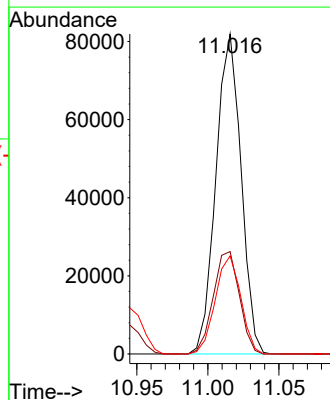
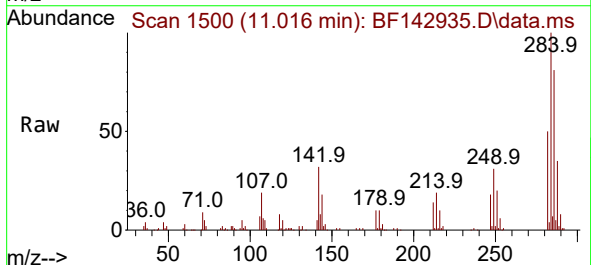
Instrument :
BNA_F
ClientSampleId :
EP-2MS

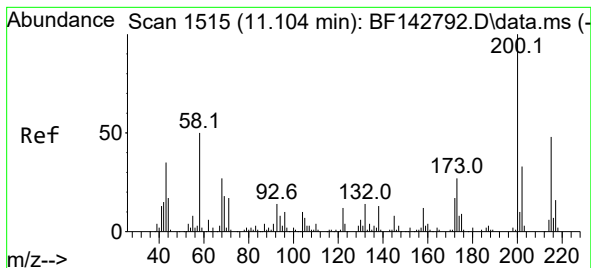
Tgt Ion:248 Resp: 97926
Ion Ratio Lower Upper
248 100
250 97.1 79.8 119.8
141 77.2 57.8 86.6



#68
Hexachlorobenzene
Concen: 45.272 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF142935.D
Acq: 01 Jul 2025 01:15

Tgt Ion:284 Resp: 100866
Ion Ratio Lower Upper
284 100
142 32.0 25.5 38.3
249 30.7 24.9 37.3





#69

Atrazine

Concen: 56.411 ng

RT: 11.104 min Scan# 1515

Delta R.T. -0.000 min

Lab File: BF142935.D

Acq: 01 Jul 2025 01:15

Instrument :

BNA_F

ClientSampleId :

EP-2MS

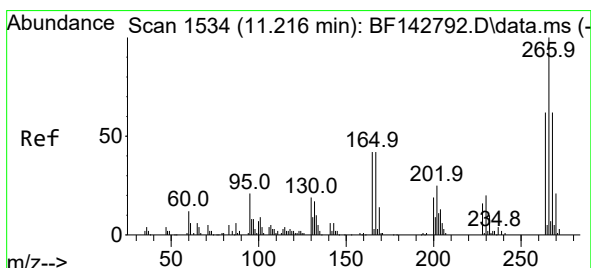
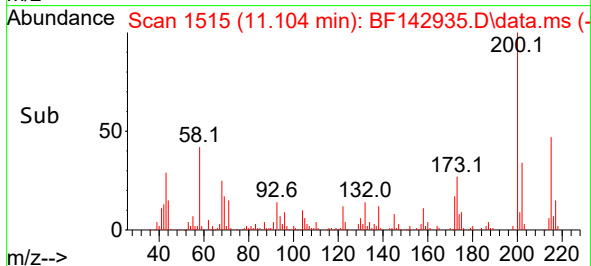
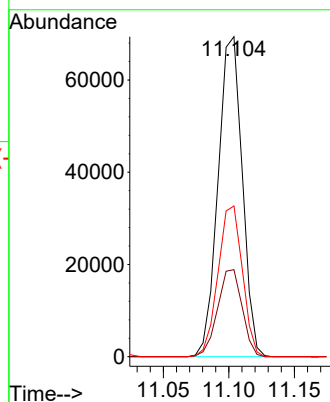
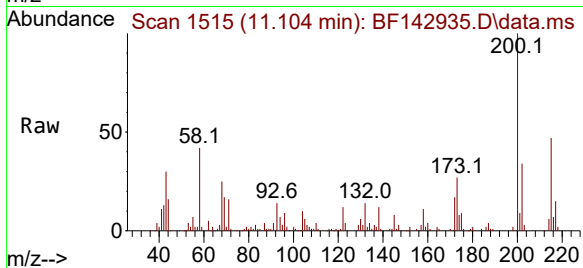
Tgt Ion:200 Resp: 88945

Ion Ratio Lower Upper

200 100

173 27.2 7.4 47.4

215 47.1 28.4 68.4



#70

Pentachlorophenol

Concen: 86.460 ng

RT: 11.210 min Scan# 1533

Delta R.T. -0.006 min

Lab File: BF142935.D

Acq: 01 Jul 2025 01:15

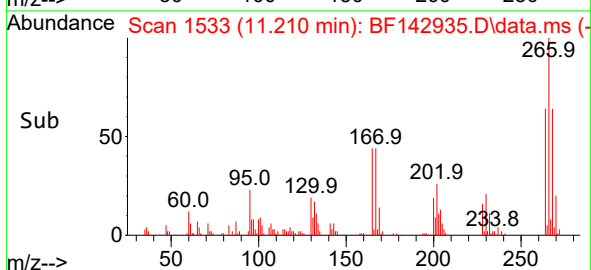
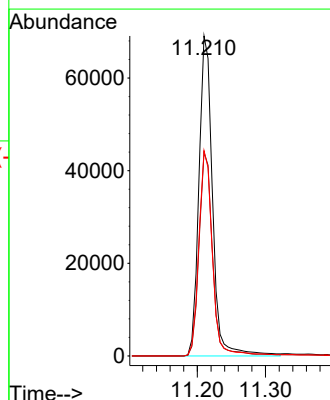
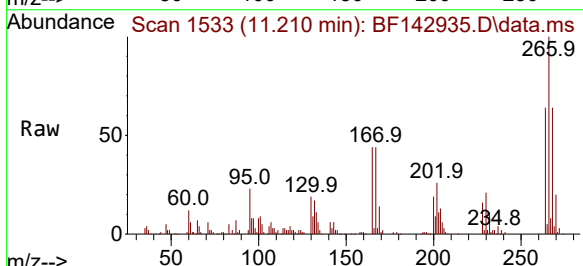
Tgt Ion:266 Resp: 95988

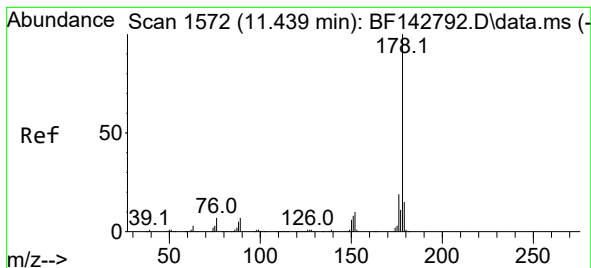
Ion Ratio Lower Upper

266 100

268 63.6 49.8 74.8

264 64.2 49.9 74.9





#71

Phenanthrene

Concen: 44.687 ng

RT: 11.427 min Scan# 1570

Delta R.T. -0.012 min

Lab File: BF142935.D

Acq: 01 Jul 2025 01:15

Instrument :

BNA_F

ClientSampleId :

EP-2MS

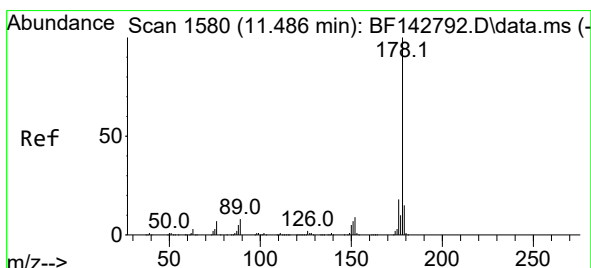
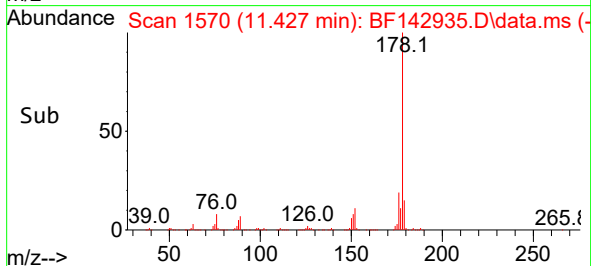
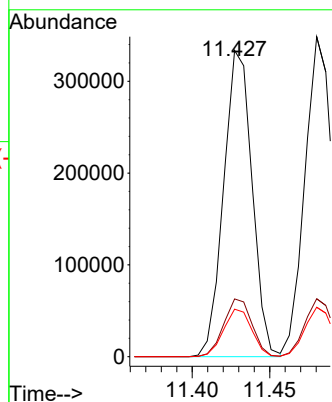
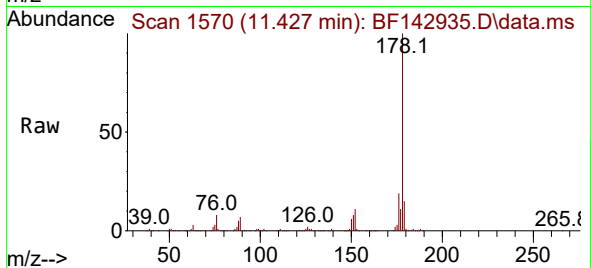
Tgt Ion:178 Resp: 426472

Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

179 15.5 12.0 18.0



#72

Anthracene

Concen: 44.524 ng

RT: 11.480 min Scan# 1579

Delta R.T. -0.006 min

Lab File: BF142935.D

Acq: 01 Jul 2025 01:15

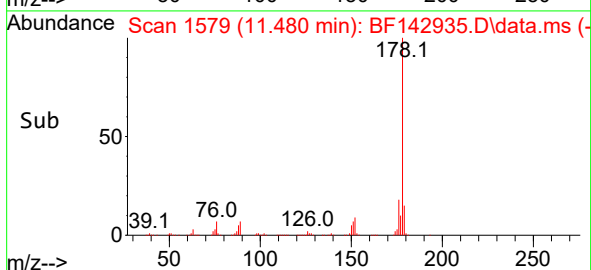
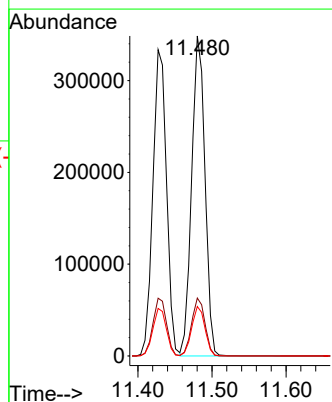
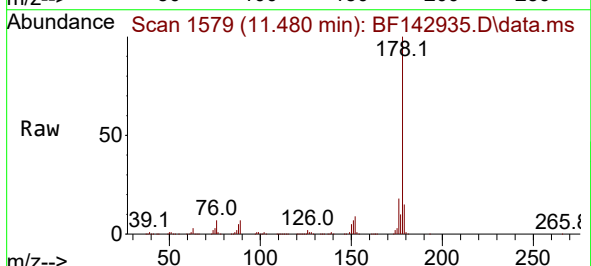
Tgt Ion:178 Resp: 435798

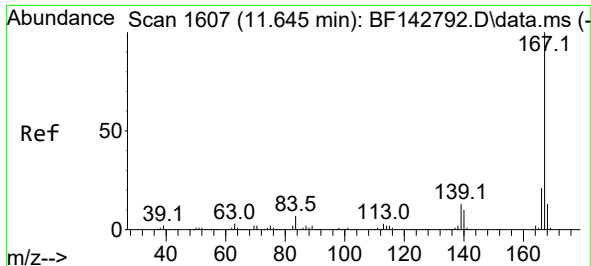
Ion Ratio Lower Upper

178 100

176 18.1 14.6 21.8

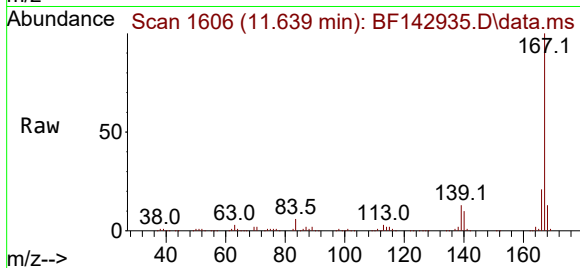
179 15.4 12.4 18.6



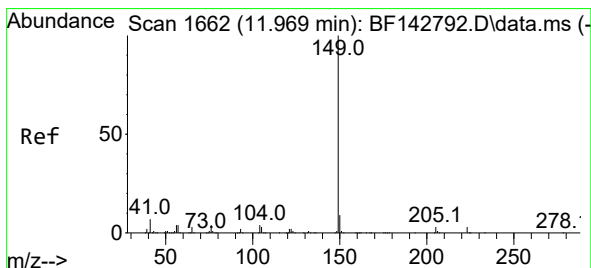
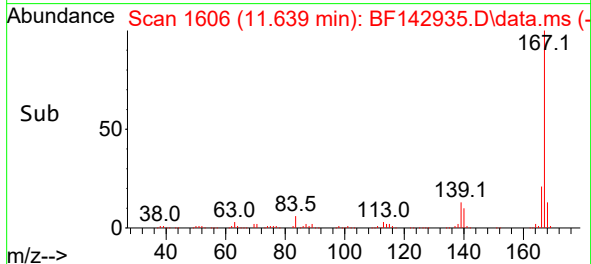
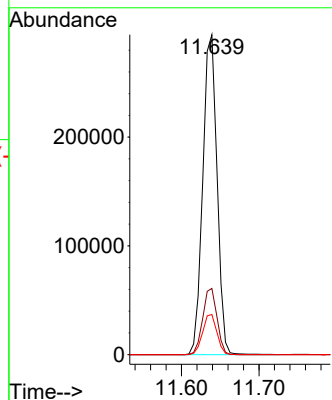


#73
 Carbazole
 Concen: 44.598 ng
 RT: 11.639 min Scan# 1606
 Delta R.T. -0.006 min
 Lab File: BF142935.D
 Acq: 01 Jul 2025 01:15

Instrument :
 BNA_F
 ClientSampleId :
 EP-2MS

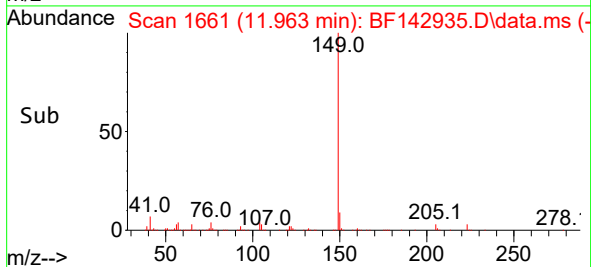
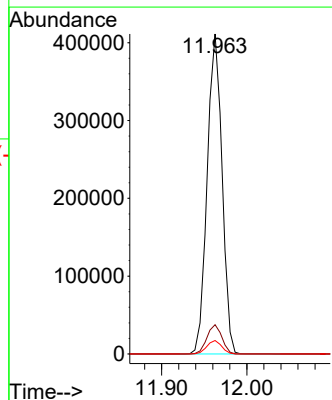
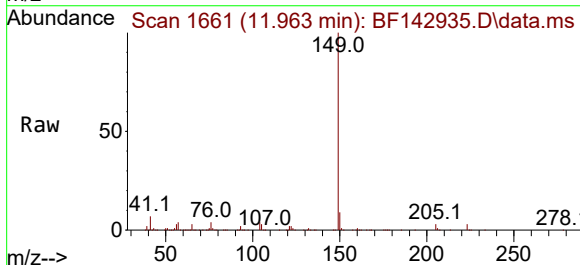


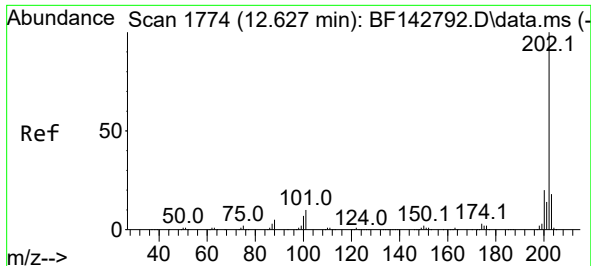
Tgt Ion:167 Resp: 376702
 Ion Ratio Lower Upper
 167 100
 166 20.7 17.0 25.4
 139 12.5 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 56.613 ng
 RT: 11.963 min Scan# 1661
 Delta R.T. -0.006 min
 Lab File: BF142935.D
 Acq: 01 Jul 2025 01:15

Tgt Ion:149 Resp: 498145
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 4.2 3.5 5.3

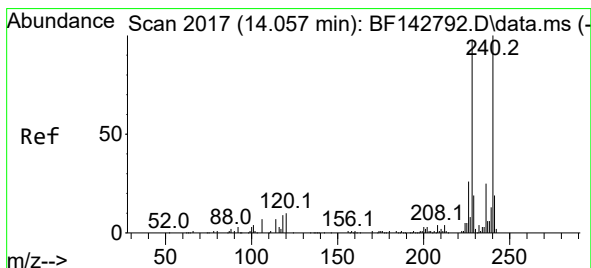
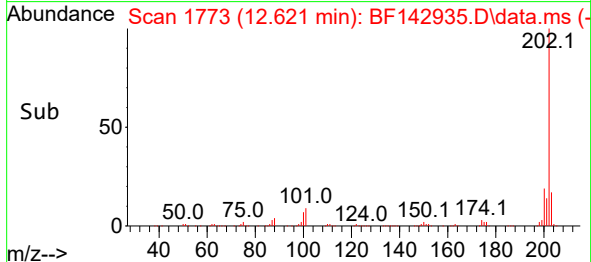
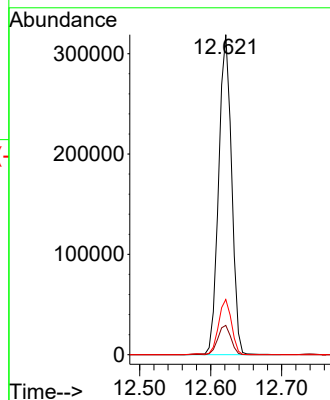
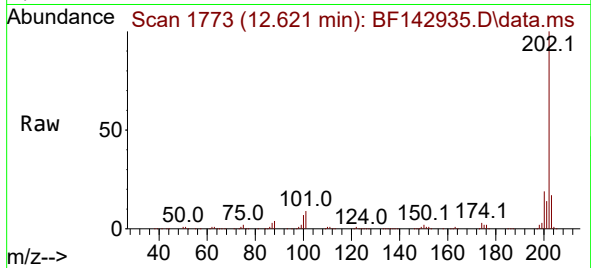




#75
Fluoranthene
Concen: 44.311 ng
RT: 12.621 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142935.D
Acq: 01 Jul 2025 01:15

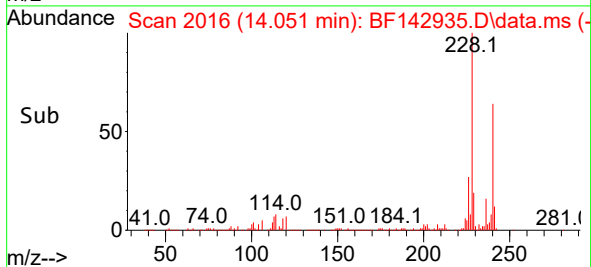
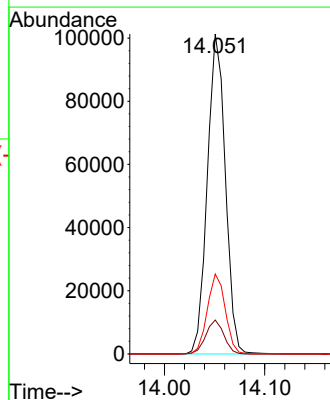
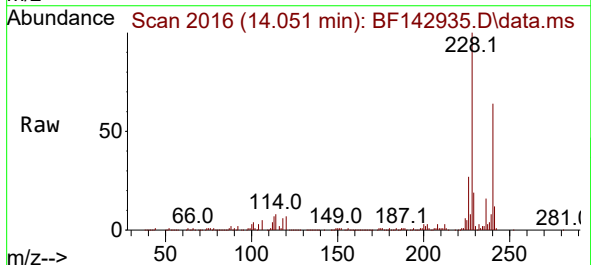
Instrument :
BNA_F
ClientSampleId :
EP-2MS

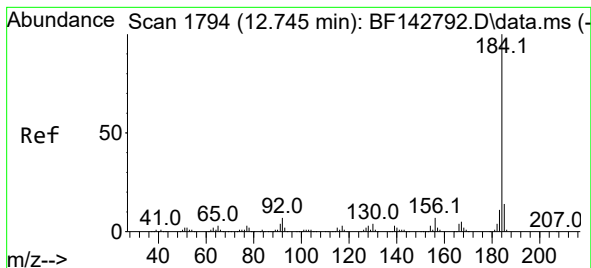
Tgt Ion:202 Resp: 401345
Ion Ratio Lower Upper
202 100
101 9.1 0.0 29.7
203 17.3 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF142935.D
Acq: 01 Jul 2025 01:15

Tgt Ion:240 Resp: 126793
Ion Ratio Lower Upper
240 100
120 10.6 8.2 12.2
236 25.0 19.8 29.8





#77

Benzidine

Concen: 31.301 ng

RT: 12.739 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142935.D

Acq: 01 Jul 2025 01:15

Instrument :

BNA_F

ClientSampleId :

EP-2MS

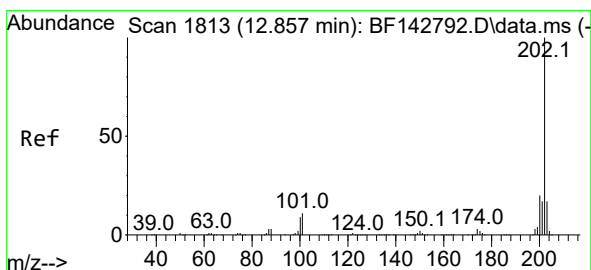
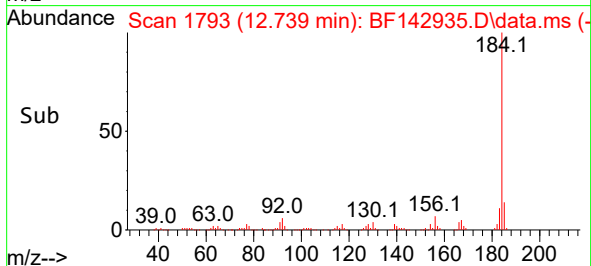
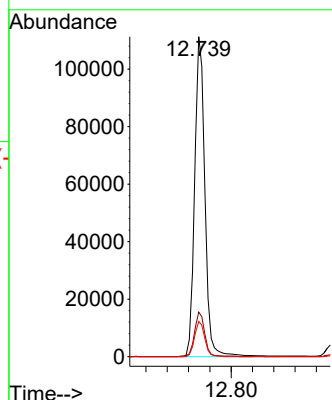
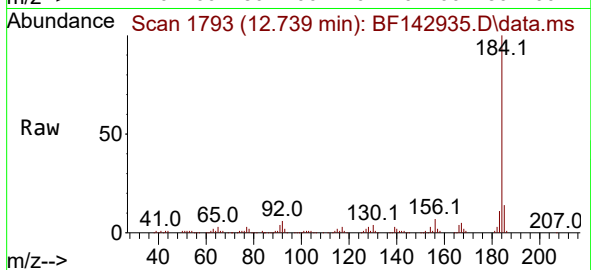
Tgt Ion:184 Resp: 149109

Ion Ratio Lower Upper

184 100

185 13.9 11.5 17.3

183 11.0 9.0 13.4



#78

Pyrene

Concen: 34.165 ng

RT: 12.851 min Scan# 1812

Delta R.T. -0.006 min

Lab File: BF142935.D

Acq: 01 Jul 2025 01:15

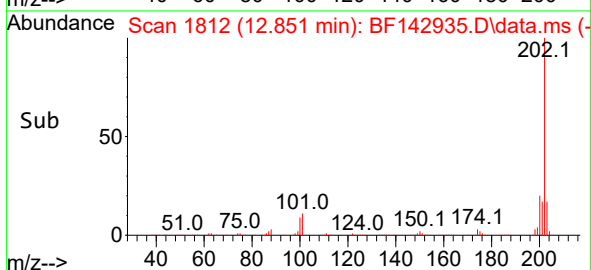
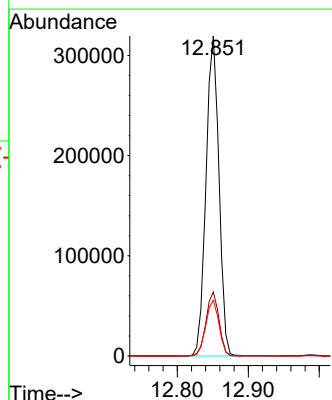
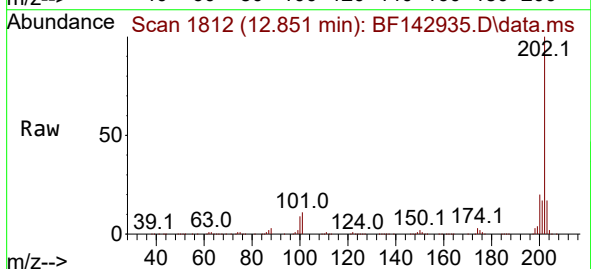
Tgt Ion:202 Resp: 406039

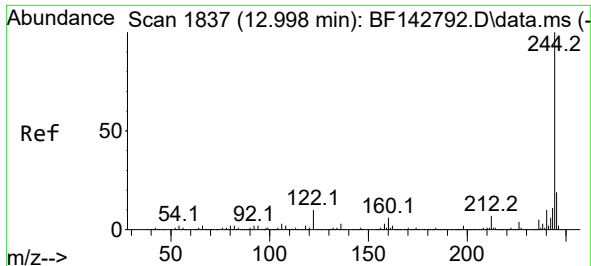
Ion Ratio Lower Upper

202 100

200 20.0 15.7 23.5

203 17.4 13.8 20.6

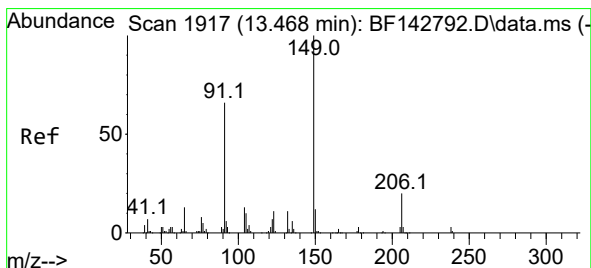
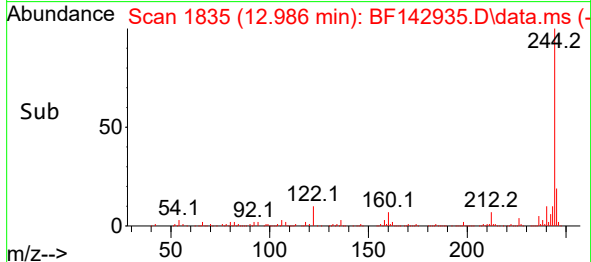
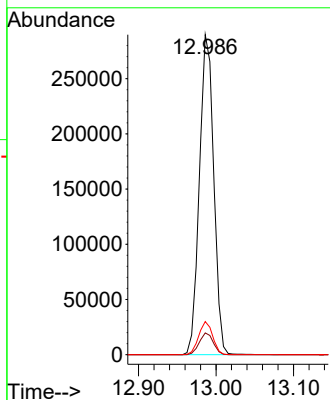
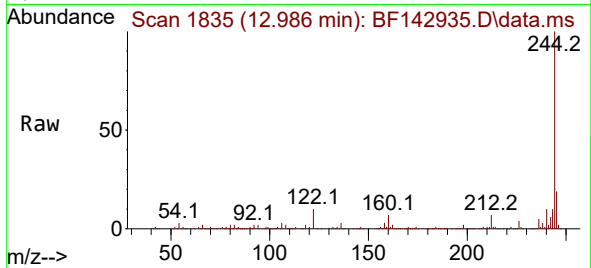




#79
 Terphenyl-d14
 Concen: 40.579 ng
 RT: 12.986 min Scan# 1835
 Delta R.T. -0.012 min
 Lab File: BF142935.D
 Acq: 01 Jul 2025 01:15

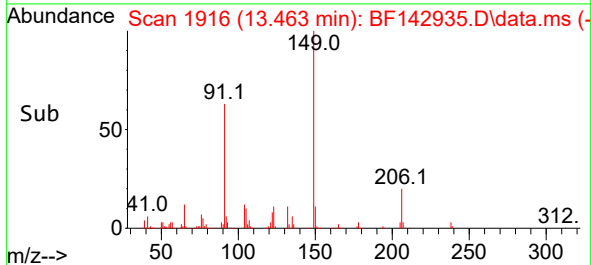
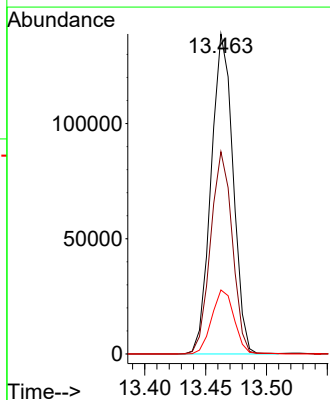
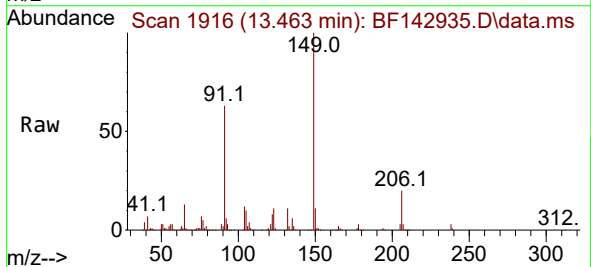
Instrument :
 BNA_F
 ClientSampleId :
 EP-2MS

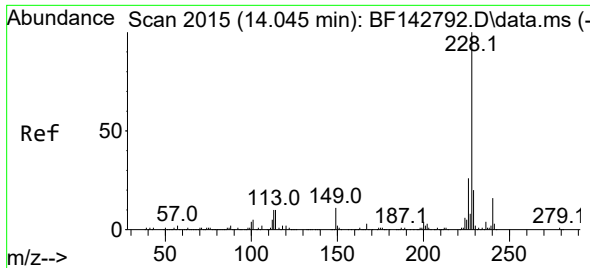
Tgt Ion:244 Resp: 372374
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 10.4 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 50.642 ng
 RT: 13.463 min Scan# 1916
 Delta R.T. -0.006 min
 Lab File: BF142935.D
 Acq: 01 Jul 2025 01:15

Tgt Ion:149 Resp: 174588
 Ion Ratio Lower Upper
 149 100
 91 63.2 52.9 79.3
 206 20.0 16.3 24.5

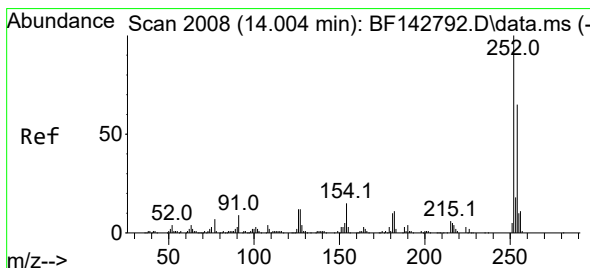
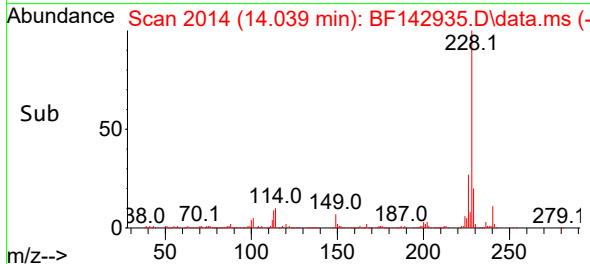
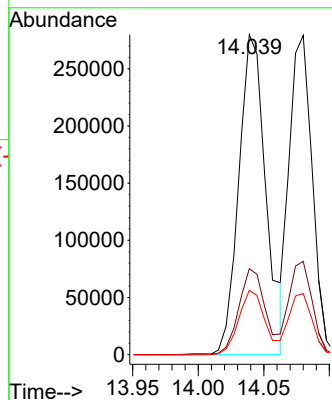
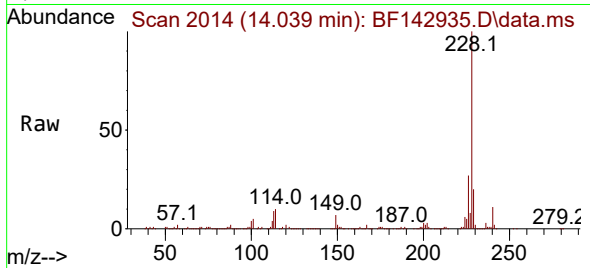




#81
Benzo(a)anthracene
Concen: 47.013 ng
RT: 14.039 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF142935.D
Acq: 01 Jul 2025 01:15

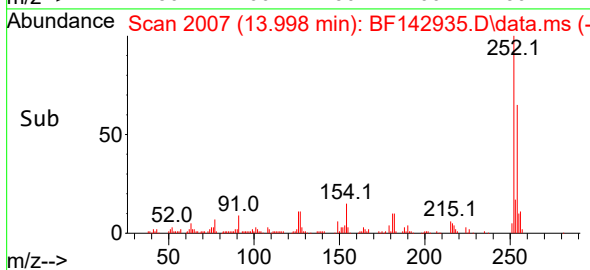
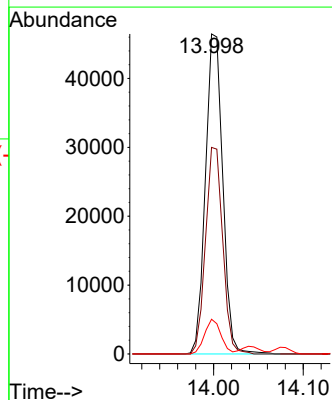
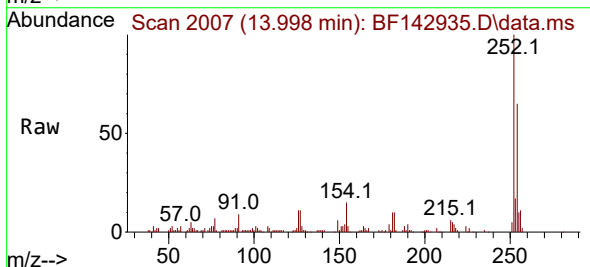
Instrument :
BNA_F
ClientSampleId :
EP-2MS

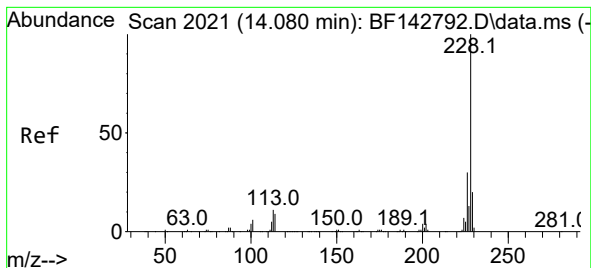
Tgt Ion:228 Resp: 402130
Ion Ratio Lower Upper
228 100
226 26.9 21.2 31.8
229 20.1 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 22.420 ng
RT: 13.998 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BF142935.D
Acq: 01 Jul 2025 01:15

Tgt Ion:252 Resp: 62203
Ion Ratio Lower Upper
252 100
254 64.5 51.7 77.5
126 10.9 9.4 14.2





#83

Chrysene

Concen: 44.389 ng

RT: 14.080 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF142935.D

Acq: 01 Jul 2025 01:15

Instrument :

BNA_F

ClientSampleId :

EP-2MS

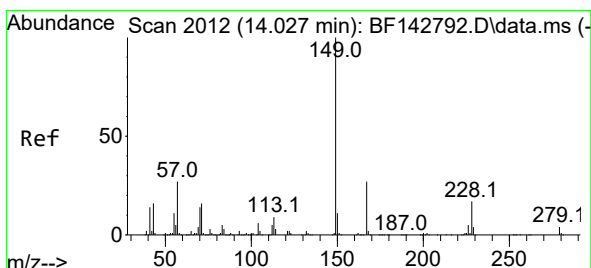
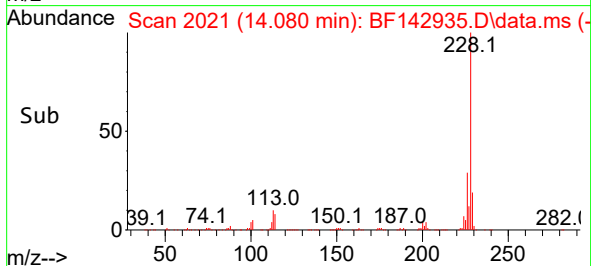
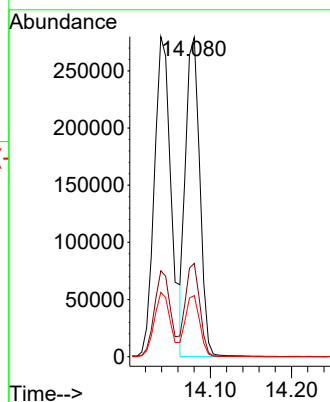
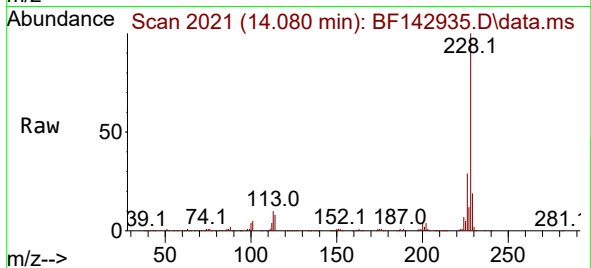
Tgt Ion:228 Resp: 338800

Ion Ratio Lower Upper

228 100

226 29.2 23.7 35.5

229 19.2 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.107 ng

RT: 14.021 min Scan# 2011

Delta R.T. -0.006 min

Lab File: BF142935.D

Acq: 01 Jul 2025 01:15

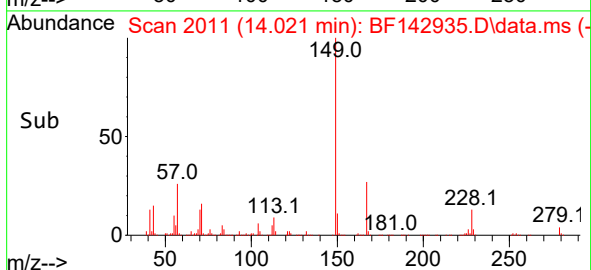
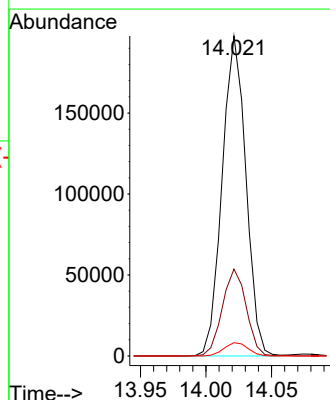
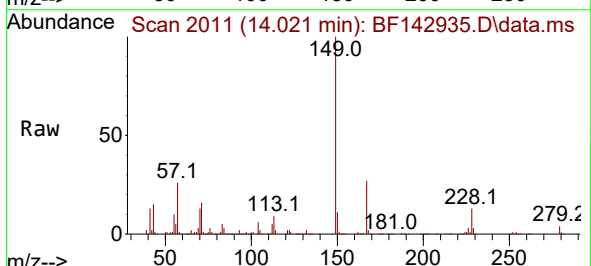
Tgt Ion:149 Resp: 248540

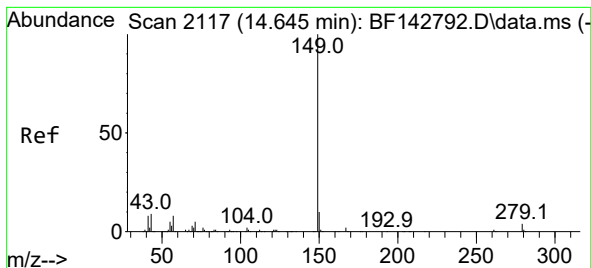
Ion Ratio Lower Upper

149 100

167 27.2 21.4 32.0

279 4.2 3.0 4.6

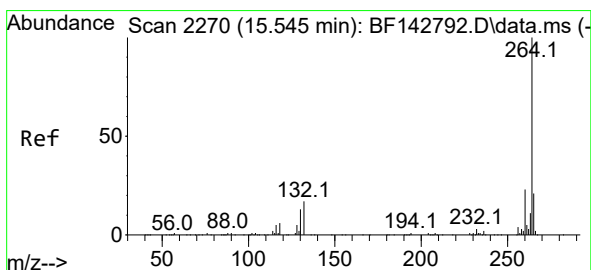
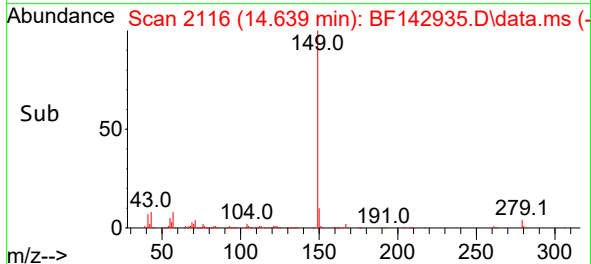
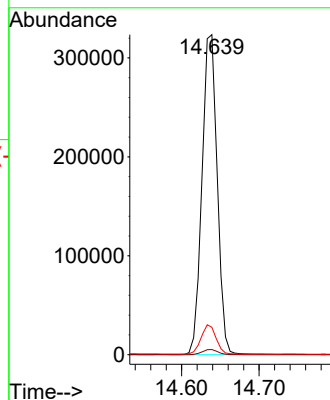
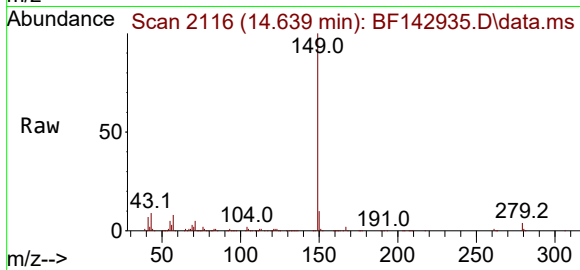




#85
Di-n-octyl phthalate
Concen: 47.274 ng
RT: 14.639 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BF142935.D
Acq: 01 Jul 2025 01:15

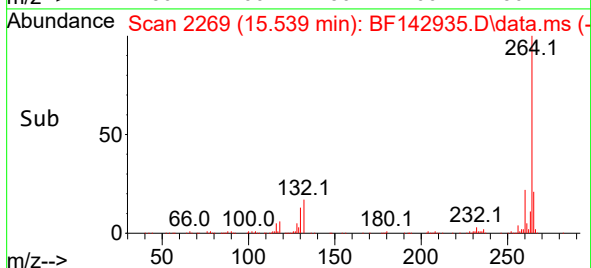
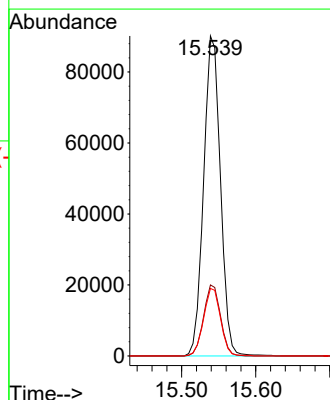
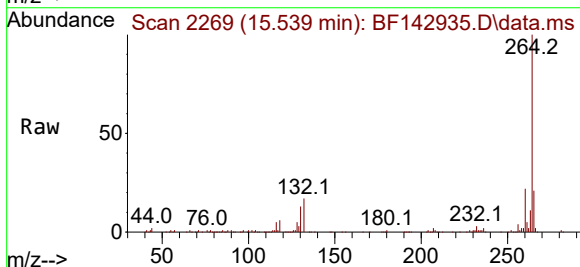
Instrument :
BNA_F
ClientSampleId :
EP-2MS

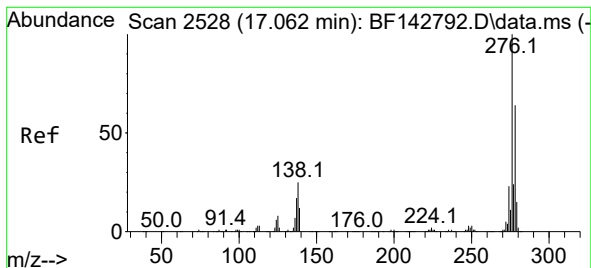
Tgt Ion:149 Resp: 442150
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 9.0 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF142935.D
Acq: 01 Jul 2025 01:15

Tgt Ion:264 Resp: 142031
Ion Ratio Lower Upper
264 100
260 22.2 18.1 27.1
265 21.1 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 30.484 ng

RT: 17.051 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF142935.D

Acq: 01 Jul 2025 01:15

Instrument :

BNA_F

ClientSampleId :

EP-2MS

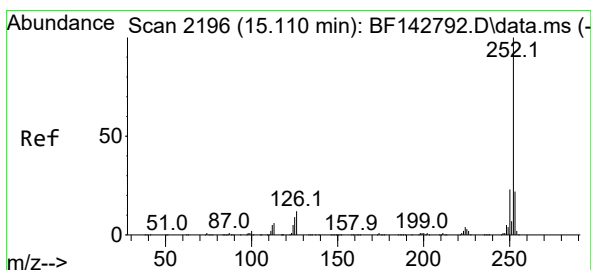
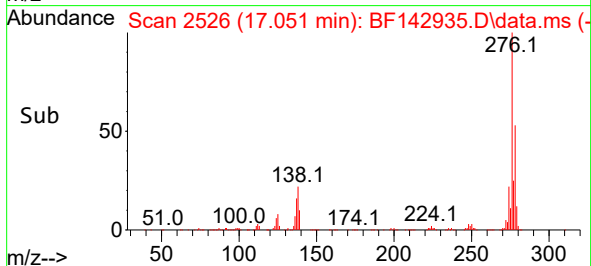
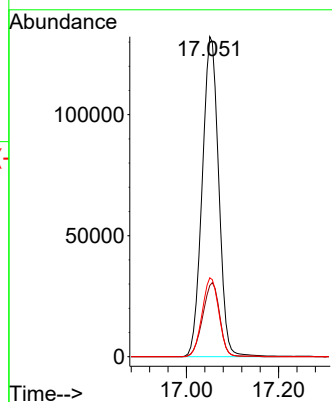
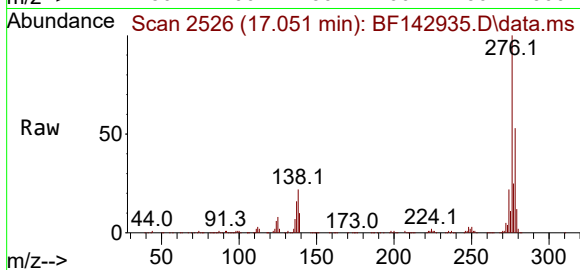
Tgt Ion:276 Resp: 329787

Ion Ratio Lower Upper

276 100

138 23.8 20.2 30.4

277 25.0 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 52.634 ng

RT: 15.104 min Scan# 2195

Delta R.T. -0.006 min

Lab File: BF142935.D

Acq: 01 Jul 2025 01:15

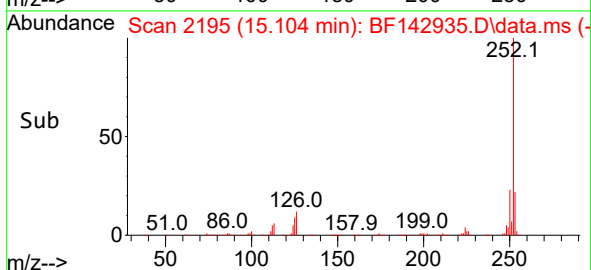
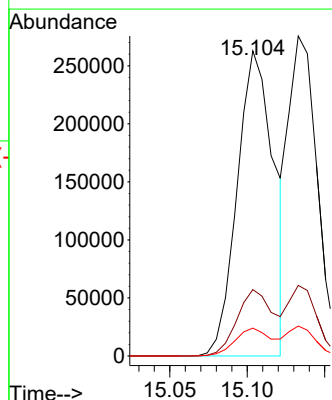
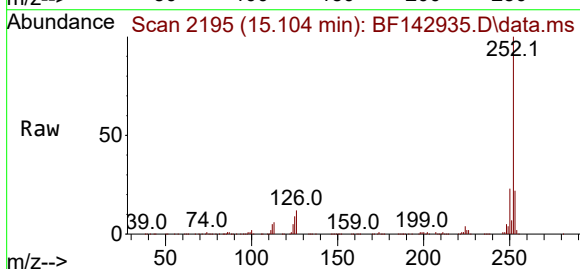
Tgt Ion:252 Resp: 432573

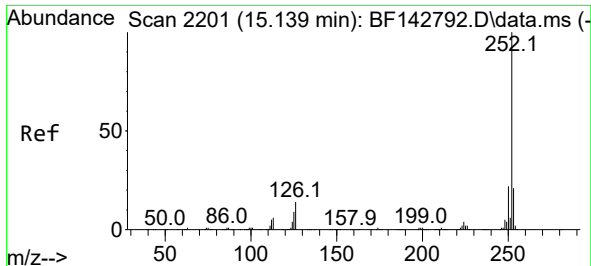
Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 9.1 7.4 11.0

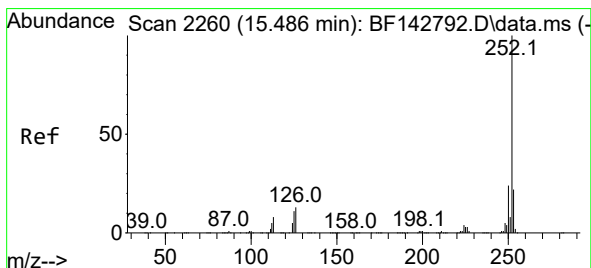
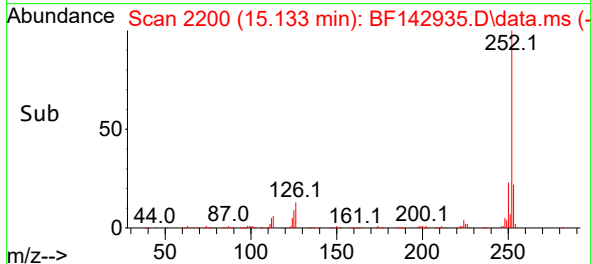
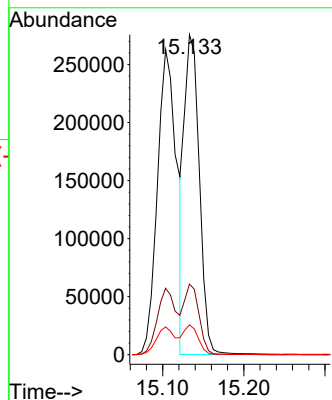
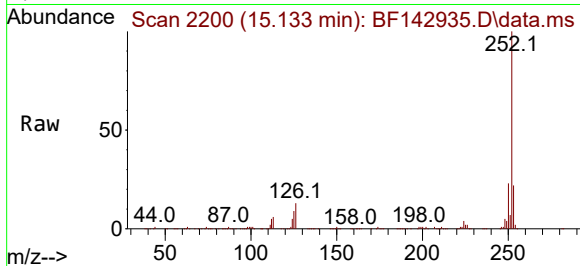




#89
Benzo(k)fluoranthene
Concen: 46.190 ng
RT: 15.133 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142935.D
Acq: 01 Jul 2025 01:15

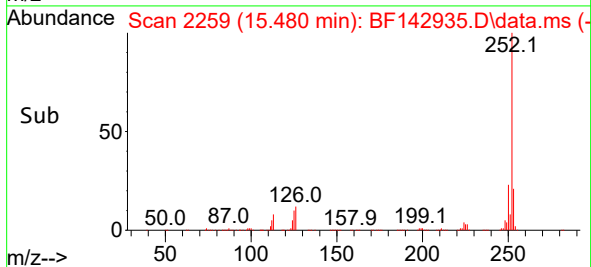
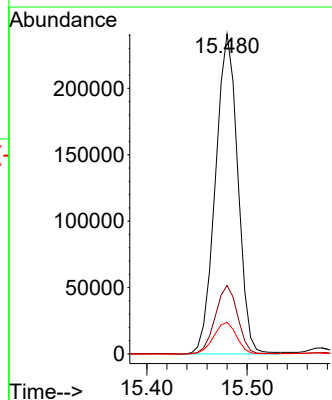
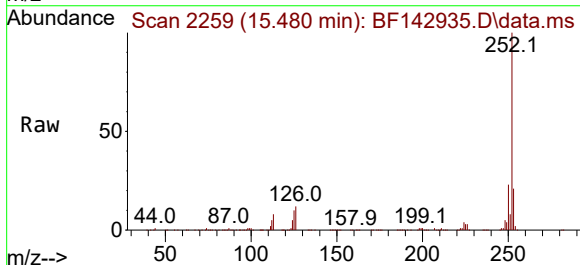
Instrument :
BNA_F
ClientSampleId :
EP-2MS

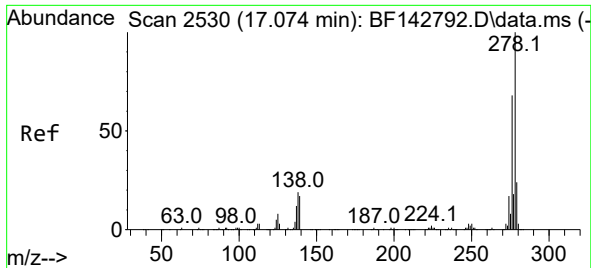
Tgt Ion:252 Resp: 355159
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 9.3 7.4 11.2



#90
Benzo(a)pyrene
Concen: 47.087 ng
RT: 15.480 min Scan# 2259
Delta R.T. -0.006 min
Lab File: BF142935.D
Acq: 01 Jul 2025 01:15

Tgt Ion:252 Resp: 373853
Ion Ratio Lower Upper
252 100
253 21.4 17.5 26.3
125 9.9 8.6 12.8

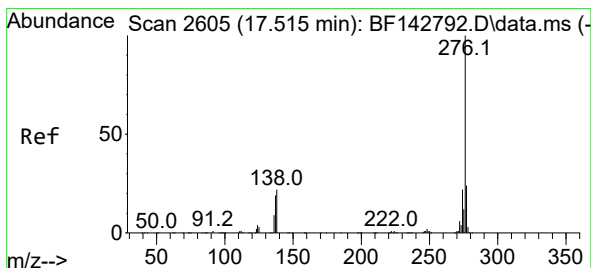
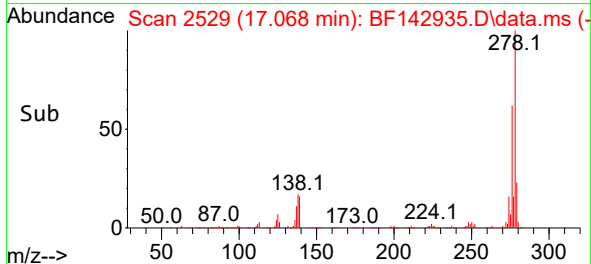
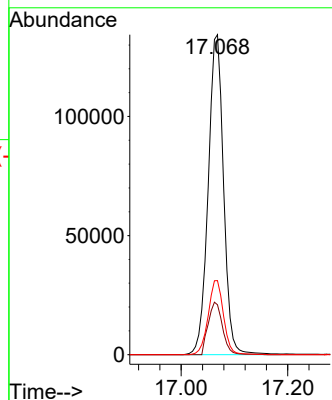
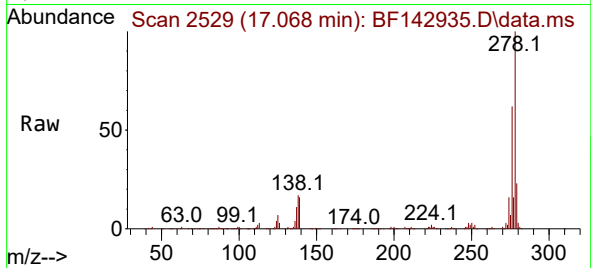




#91
Dibenzo(a,h)anthracene
Concen: 30.738 ng
RT: 17.068 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142935.D
Acq: 01 Jul 2025 01:15

Instrument :
BNA_F
ClientSampleId :
EP-2MS

Tgt Ion:278 Resp: 270188
Ion Ratio Lower Upper
278 100
139 15.6 13.5 20.3
279 23.2 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 27.468 ng
RT: 17.503 min Scan# 2603
Delta R.T. -0.012 min
Lab File: BF142935.D
Acq: 01 Jul 2025 01:15

Tgt Ion:276 Resp: 240766
Ion Ratio Lower Upper
276 100
277 23.8 18.8 28.2
138 21.4 17.6 26.4

