

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070125\
 Data File : BF142944.D
 Acq On : 01 Jul 2025 12:18
 Operator : RC/JU
 Sample : PB168640BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168640BSD

Quant Time: Jul 01 12:43:48 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	65184	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	245386	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	124805	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	197649	20.000	ng	0.00
76) Chrysene-d12	14.051	240	116169	20.000	ng	0.00
86) Perylene-d12	15.539	264	139461	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	484520	123.756	ng	0.01
7) Phenol-d6	6.510	99	568747	123.130	ng	0.00
23) Nitrobenzene-d5	7.440	82	351671	78.609	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	166711	129.804	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	769632	81.010	ng	-0.01
79) Terphenyl-d14	12.992	244	638535	75.947	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.710	88	54521	34.816	ng	99
3) Pyridine	3.475	79	150707	38.389	ng	97
4) n-Nitrosodimethylamine	3.428	42	82807	40.790	ng	99
6) Aniline	6.534	93	208825	33.977	ng	# 73
8) 2-Chlorophenol	6.657	128	186263	44.104	ng	98
9) Benzaldehyde	6.428	77	99406	36.274	ng	98
10) Phenol	6.522	94	214555	41.787	ng	90
11) bis(2-Chloroethyl)ether	6.610	93	158705	43.248	ng	97
12) 1,3-Dichlorobenzene	6.816	146	203566	43.099	ng	100
13) 1,4-Dichlorobenzene	6.893	146	205504	43.124	ng	99
14) 1,2-Dichlorobenzene	7.045	146	196377	43.447	ng	99
15) Benzyl Alcohol	7.016	79	146431	43.851	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	238176	40.397	ng	87
17) 2-Methylphenol	7.128	107	136750	42.728	ng	98
18) Hexachloroethane	7.387	117	73533	44.116	ng	98
19) n-Nitroso-di-n-propyla...	7.287	70	118185	43.993	ng	97
20) 3+4-Methylphenols	7.281	107	174311	43.682	ng	95
22) Acetophenone	7.281	105	243778	45.051	ng	98
24) Nitrobenzene	7.457	77	176294	43.539	ng	98
25) Isophorone	7.698	82	314195	43.781	ng	99
26) 2-Nitrophenol	7.775	139	102081	46.280	ng	99
27) 2,4-Dimethylphenol	7.810	122	164420	43.034	ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	201419	44.147	ng	100
29) 2,4-Dichlorophenol	8.016	162	154996	44.741	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	168146	44.140	ng	98
31) Naphthalene	8.181	128	531157	44.222	ng	100
32) Benzoic acid	7.934	122	87792	45.083	ng	96
33) 4-Chloroaniline	8.228	127	116571	23.868	ng	99
34) Hexachlorobutadiene	8.292	225	105432	45.247	ng	100
35) Caprolactam	8.604	113	42702m	46.712	ng	
36) 4-Chloro-3-methylphenol	8.716	107	154249	44.801	ng	99
37) 2-Methylnaphthalene	8.875	142	326740	43.878	ng	100
38) 1-Methylnaphthalene	8.975	142	339032	43.981	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	168207	45.676	ng	99
41) Hexachlorocyclopentadiene	9.028	237	192635	92.179	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	106489	44.377	ng	99

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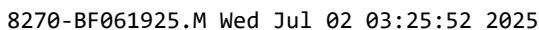
Instrument :
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	113083	44.766	ng	99
46) 1,1'-Biphenyl	9.339	154	448123	45.454	ng	99
47) 2-Chloronaphthalene	9.363	162	331737	44.839	ng	99
48) 2-Nitroaniline	9.463	65	91293	44.014	ng	94
49) Acenaphthylene	9.781	152	544719	44.725	ng	100
50) Dimethylphthalate	9.639	163	369023	45.679	ng	100
51) 2,6-Dinitrotoluene	9.704	165	82109	46.281	ng	96
52) Acenaphthene	9.951	154	365119m	49.135	ng	
53) 3-Nitroaniline	9.869	138	56779	29.067	ng	98
54) 2,4-Dinitrophenol	9.986	184	82221	92.554	ng	96
55) Dibenzofuran	10.122	168	473873	44.471	ng	100
56) 4-Nitrophenol	10.039	139	113528	84.895	ng	97
57) 2,4-Dinitrotoluene	10.110	165	109454	46.446	ng	98
58) Fluorene	10.469	166	373029	44.825	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	94848	46.582	ng	95
60) Diethylphthalate	10.339	149	364066	45.962	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	178715	45.004	ng	98
62) 4-Nitroaniline	10.486	138	79618	44.567	ng	98
63) Azobenzene	10.616	77	313679	44.308	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	55583	46.493	ng	98
66) n-Nitrosodiphenylamine	10.575	169	316326	46.179	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	107827	47.935	ng	97
68) Hexachlorobenzene	11.016	284	117806	47.132	ng	99
69) Atrazine	11.104	200	91306	51.618	ng	100
70) Pentachlorophenol	11.216	266	113502	91.130	ng	99
71) Phenanthrene	11.433	178	490474	45.810	ng	100
72) Anthracene	11.486	178	506614	46.137	ng	100
73) Carbazole	11.639	167	429302	45.305	ng	99
74) Di-n-butylphthalate	11.963	149	491986	49.839	ng	100
75) Fluoranthene	12.622	202	457848	45.059	ng	100
77) Benzidine	12.745	184	203361	46.593	ng	100
78) Pyrene	12.851	202	455495	41.831	ng	99
80) Butylbenzylphthalate	13.463	149	164386	52.044	ng	97
81) Benzo(a)anthracene	14.039	228	375795	47.952	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	66771	26.268	ng	99
83) Chrysene	14.080	228	319964	45.755	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	245677	54.060	ng	100
85) Di-n-octyl phthalate	14.633	149	445062	51.937	ng	98
87) Indeno(1,2,3-cd)pyrene	17.062	276	468153	44.071	ng	99
88) Benzo(b)fluoranthene	15.104	252	409102	50.695	ng	100
89) Benzo(k)fluoranthene	15.133	252	327160	43.333	ng	100
90) Benzo(a)pyrene	15.480	252	372666	47.802	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	384079	44.500	ng	98
92) Benzo(g,h,i)perylene	17.515	276	377165	43.823	ng	99

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

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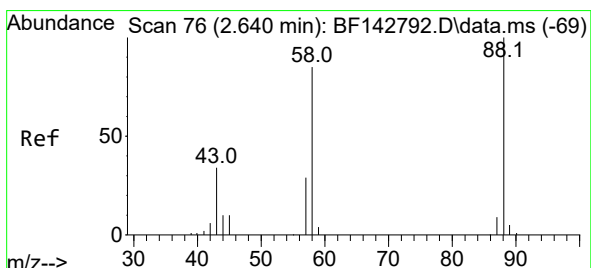
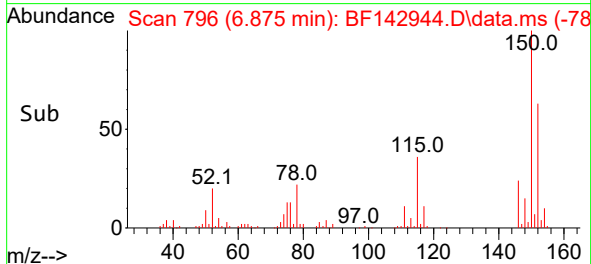
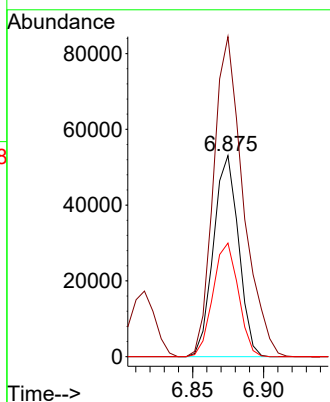
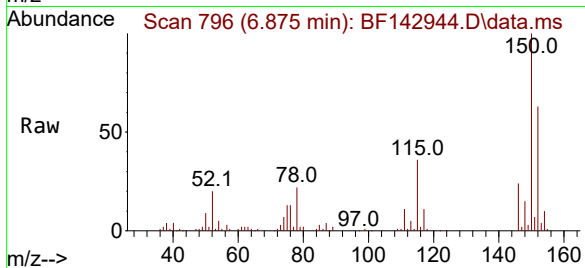




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF142944.D
 Acq: 01 Jul 2025 12:18

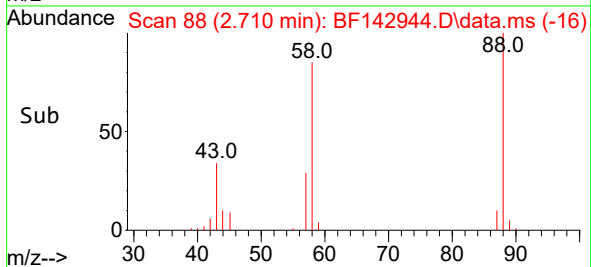
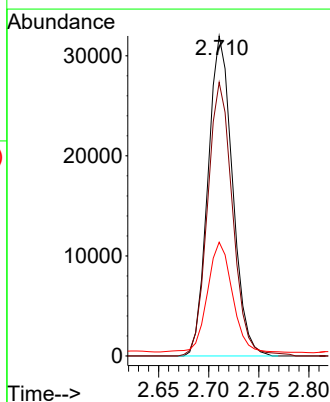
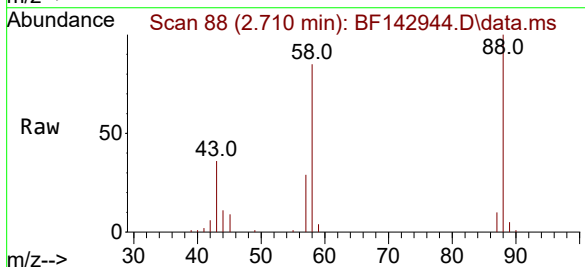
Instrument :
 BNA_F
 ClientSampleId :
 PB168640BSD

Tgt Ion:152 Resp: 65184
 Ion Ratio Lower Upper
 152 100
 150 159.1 127.2 190.8
 115 56.5 46.6 69.8



#2
 1,4-Dioxane
 Concen: 34.816 ng
 RT: 2.710 min Scan# 88
 Delta R.T. 0.071 min
 Lab File: BF142944.D
 Acq: 01 Jul 2025 12:18

Tgt Ion: 88 Resp: 54521
 Ion Ratio Lower Upper
 88 100
 58 87.2 69.1 103.7
 43 35.5 27.4 41.2

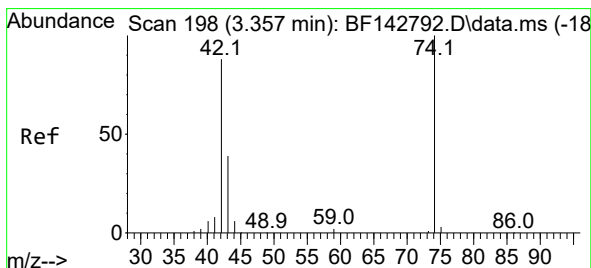
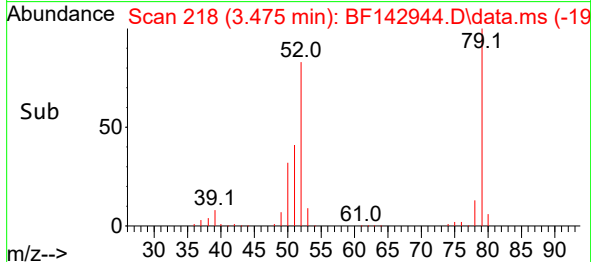
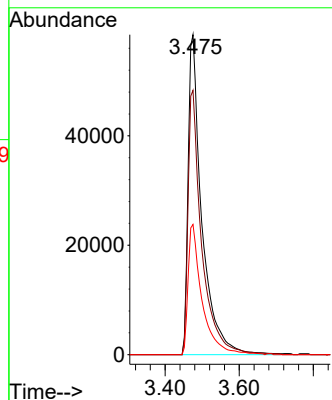
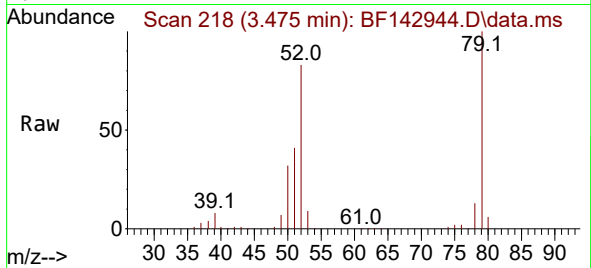




#3
Pyridine
Concen: 38.389 ng
RT: 3.475 min Scan# 210
Delta R.T. 0.065 min
Lab File: BF142944.D
Acq: 01 Jul 2025 12:18

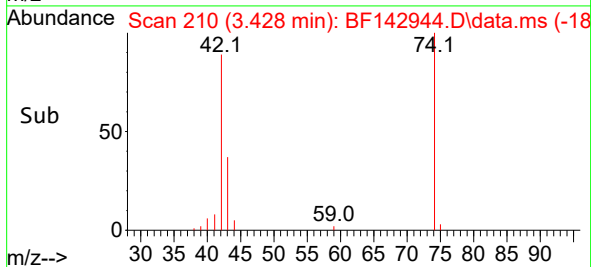
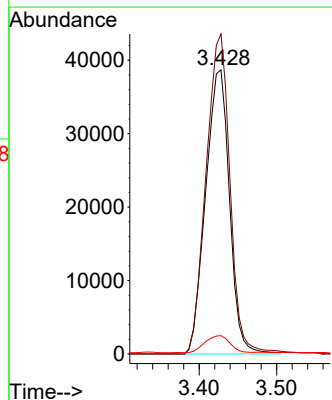
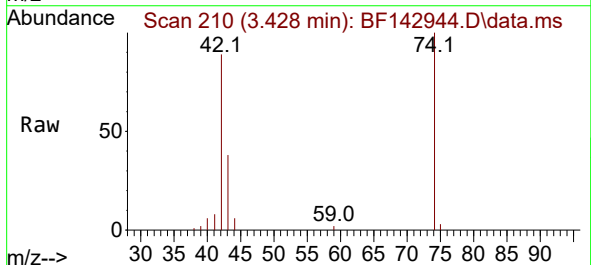
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ClientSampleId :
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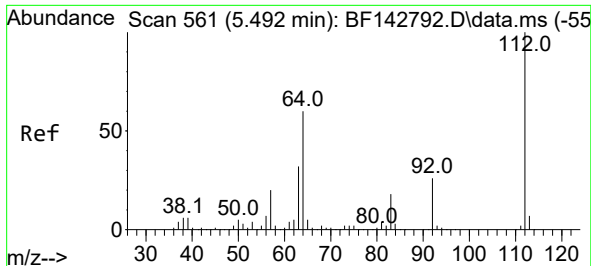
Tgt Ion: 79 Resp: 150707
Ion Ratio Lower Upper
79 100
52 82.6 69.2 103.8
51 40.7 33.2 49.8



#4
n-Nitrosodimethylamine
Concen: 40.790 ng
RT: 3.428 min Scan# 210
Delta R.T. 0.071 min
Lab File: BF142944.D
Acq: 01 Jul 2025 12:18

Tgt Ion: 42 Resp: 82807
Ion Ratio Lower Upper
42 100
74 112.6 90.9 136.3
44 6.4 5.8 8.6

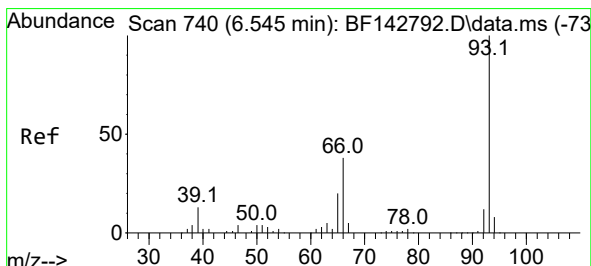
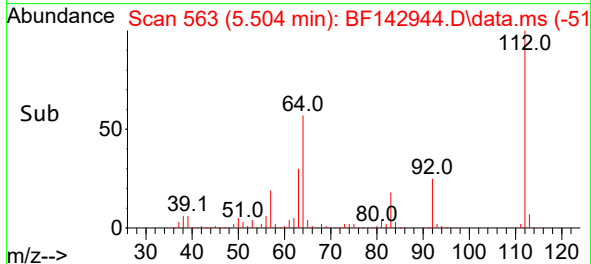
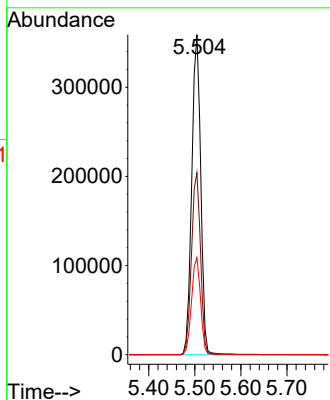
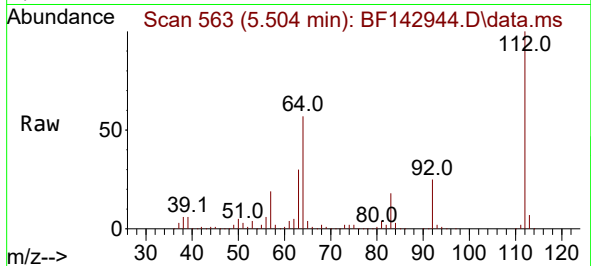




#5
2-Fluorophenol
Concen: 123.756 ng
RT: 5.504 min Scan# 501
Delta R.T. 0.012 min
Lab File: BF142944.D
Acq: 01 Jul 2025 12:18

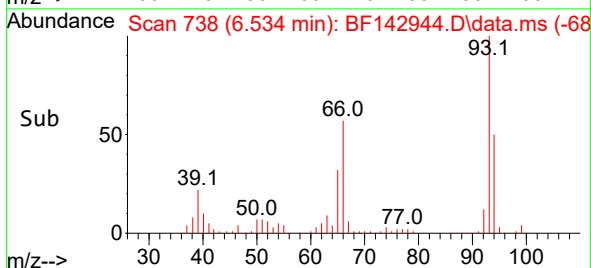
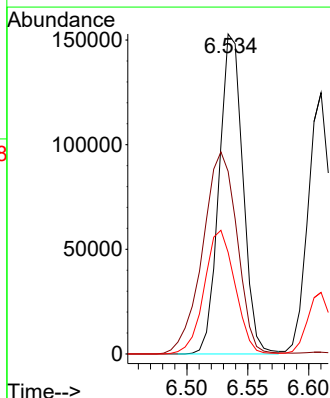
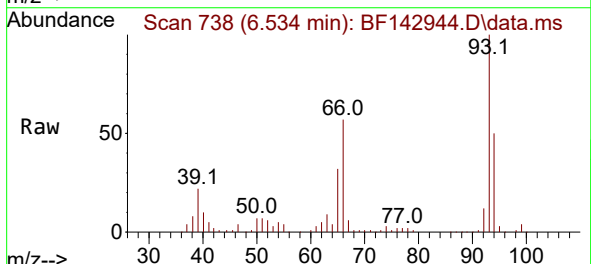
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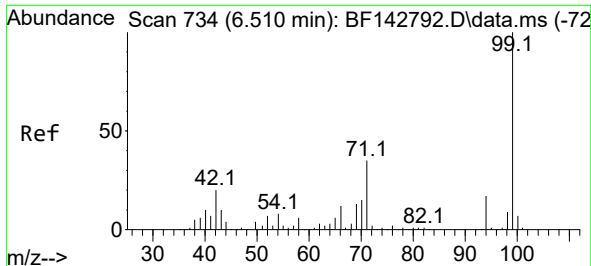
Tgt Ion:112 Resp: 484520
Ion Ratio Lower Upper
112 100
64 56.9 48.2 72.2
63 30.4 25.7 38.5



#6
Aniline
Concen: 33.977 ng
RT: 6.534 min Scan# 738
Delta R.T. -0.012 min
Lab File: BF142944.D
Acq: 01 Jul 2025 12:18

Tgt Ion: 93 Resp: 208825
Ion Ratio Lower Upper
93 100
66 57.0 31.8 47.6#
65 31.8 16.2 24.2#

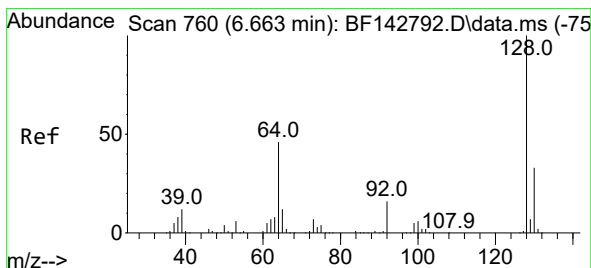
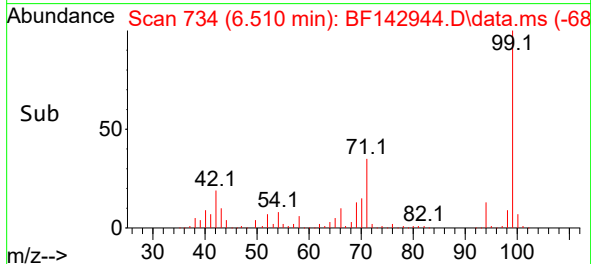
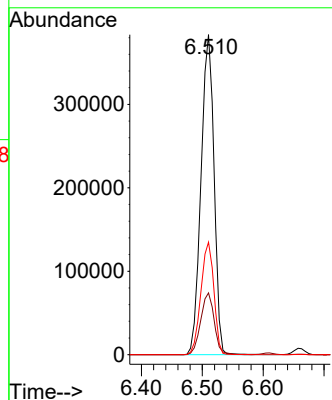
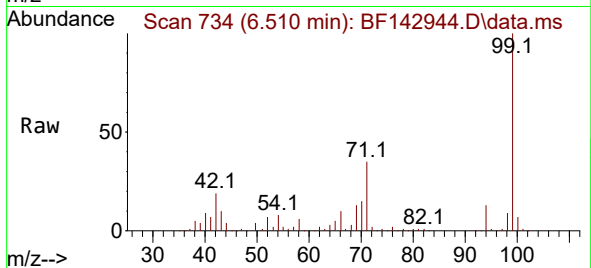




#7
Phenol-d6
Concen: 123.130 ng
RT: 6.510 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF142944.D
Acq: 01 Jul 2025 12:18

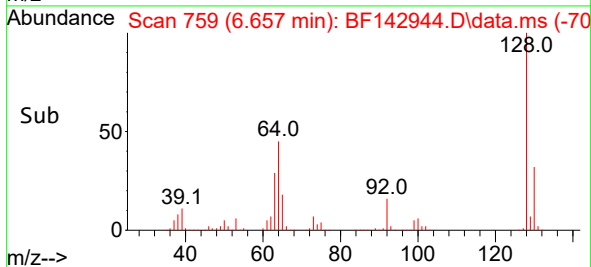
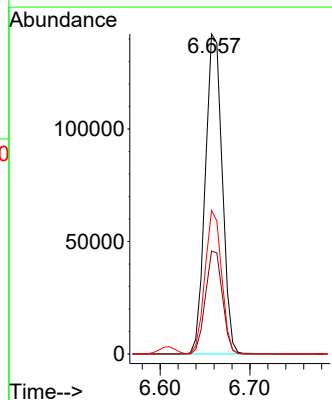
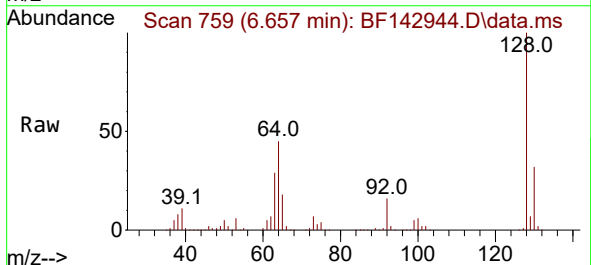
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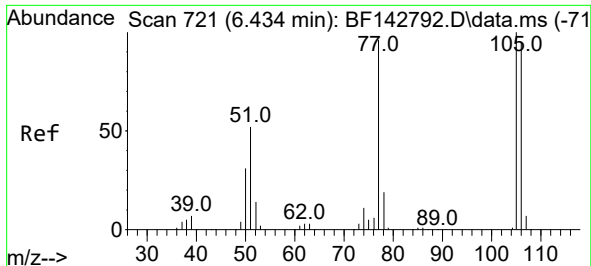
Tgt Ion: 99 Resp: 568747
Ion Ratio Lower Upper
99 100
42 19.3 15.9 23.9
71 35.2 27.8 41.8



#8
2-Chlorophenol
Concen: 44.104 ng
RT: 6.657 min Scan# 759
Delta R.T. -0.006 min
Lab File: BF142944.D
Acq: 01 Jul 2025 12:18

Tgt Ion:128 Resp: 186263
Ion Ratio Lower Upper
128 100
130 32.2 12.7 52.7
64 44.8 26.5 66.5

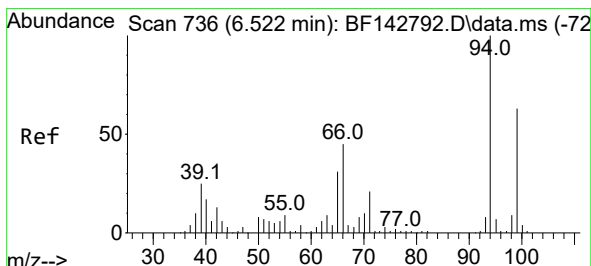
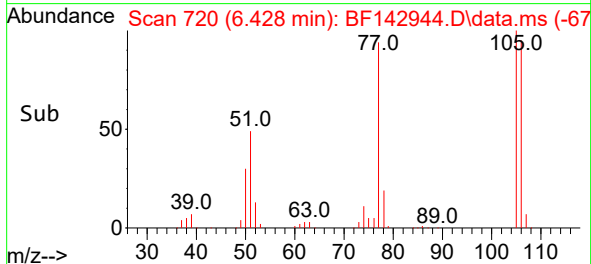
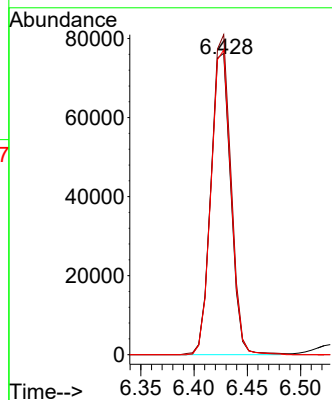
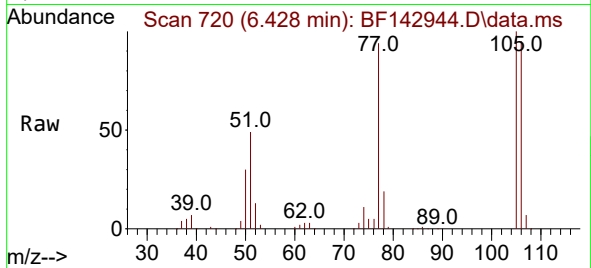




#9
Benzaldehyde
Concen: 36.274 ng
RT: 6.428 min Scan# 721
Delta R.T. -0.006 min
Lab File: BF142944.D
Acq: 01 Jul 2025 12:18

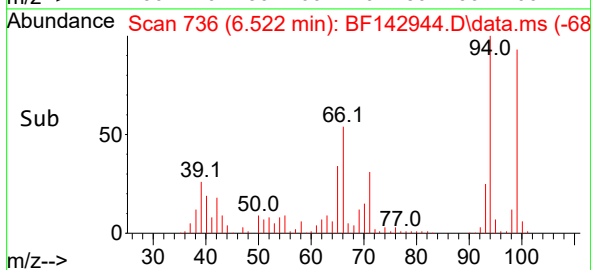
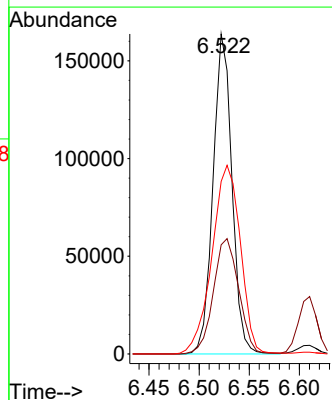
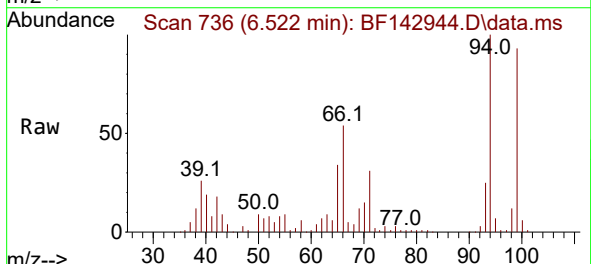
Instrument :
BNA_F
ClientSampleId :
PB168640BSD

Tgt Ion: 77 Resp: 99406
Ion Ratio Lower Upper
77 100
105 106.2 83.8 123.8
106 101.0 78.7 118.7



#10
Phenol
Concen: 41.787 ng
RT: 6.522 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF142944.D
Acq: 01 Jul 2025 12:18

Tgt Ion: 94 Resp: 214555
Ion Ratio Lower Upper
94 100
65 34.1 11.3 51.3
66 53.9 24.9 64.9

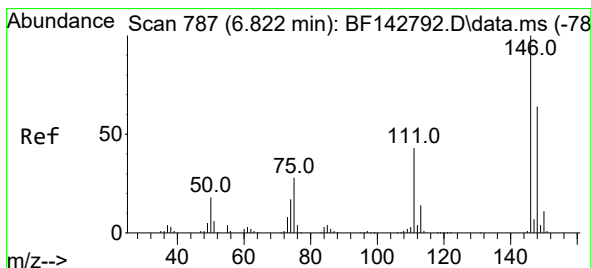
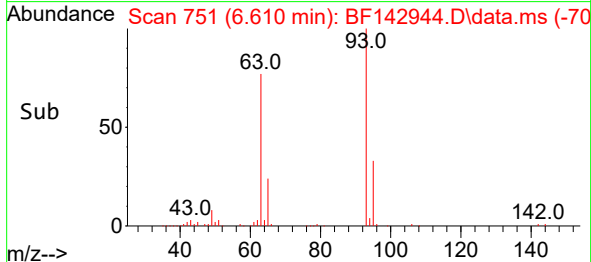
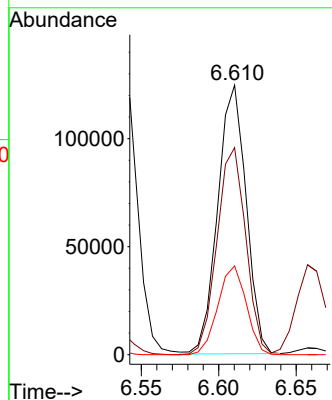
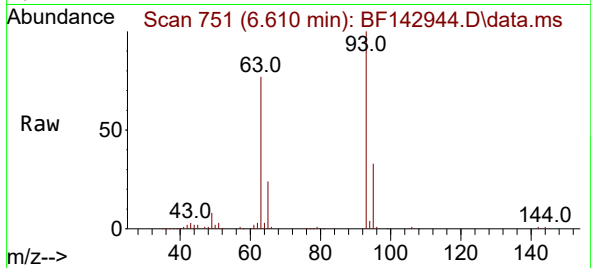




#11
bis(2-Chloroethyl)ether
Concen: 43.248 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF142944.D
Acq: 01 Jul 2025 12:18

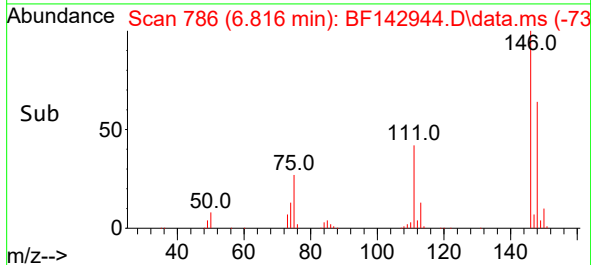
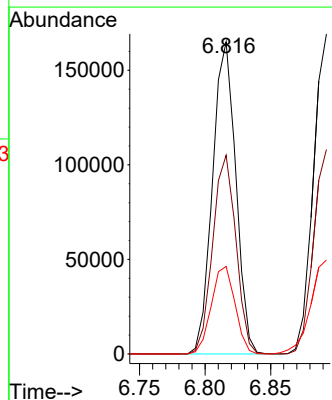
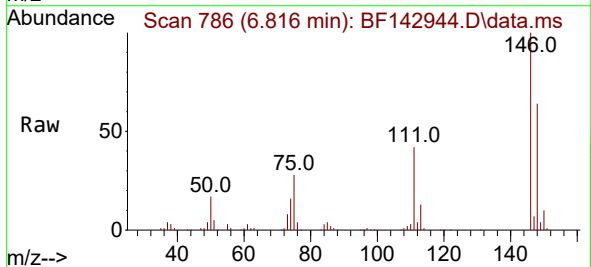
Instrument :
BNA_F
ClientSampleId :
PB168640BSD

Tgt Ion: 93 Resp: 158705
Ion Ratio Lower Upper
93 100
63 76.8 60.3 100.3
95 32.9 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 43.099 ng
RT: 6.816 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF142944.D
Acq: 01 Jul 2025 12:18

Tgt Ion:146 Resp: 203566
Ion Ratio Lower Upper
146 100
148 63.7 51.1 76.7
75 28.0 22.7 34.1





#13

1,4-Dichlorobenzene

Concen: 43.124 ng

RT: 6.893 min Scan# 79

Delta R.T. -0.006 min

Lab File: BF142944.D

Acq: 01 Jul 2025 12:18

Instrument :

BNA_F

ClientSampleId :

PB168640BSD

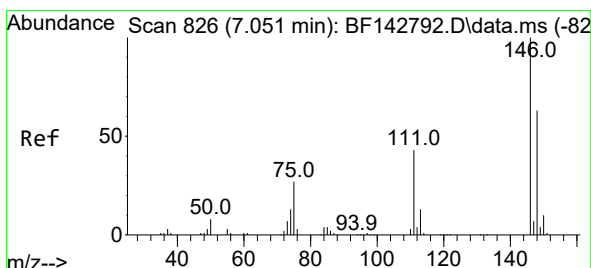
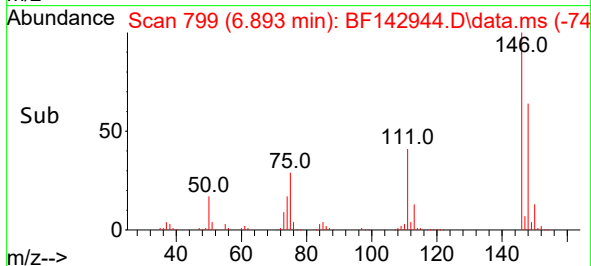
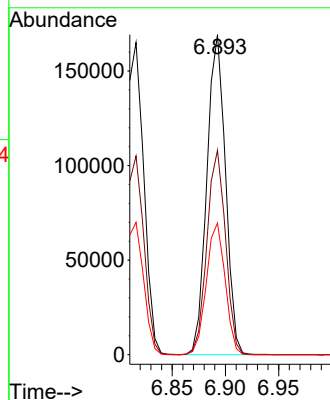
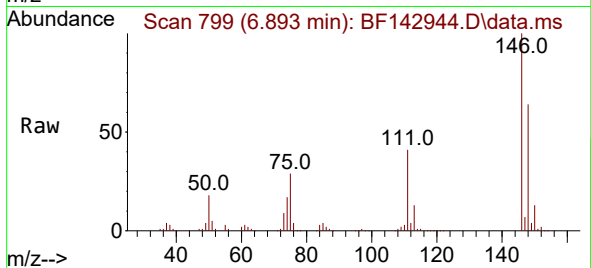
Tgt Ion:146 Resp: 205504

Ion Ratio Lower Upper

146 100

148 63.9 50.2 75.2

111 41.1 33.2 49.8



#14

1,2-Dichlorobenzene

Concen: 43.447 ng

RT: 7.045 min Scan# 825

Delta R.T. -0.006 min

Lab File: BF142944.D

Acq: 01 Jul 2025 12:18

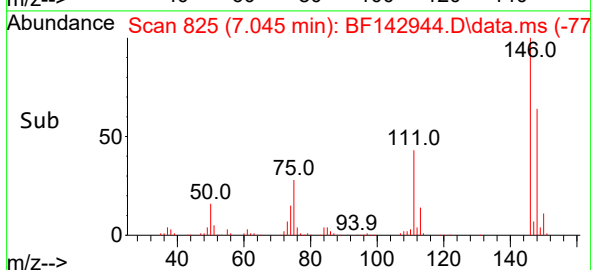
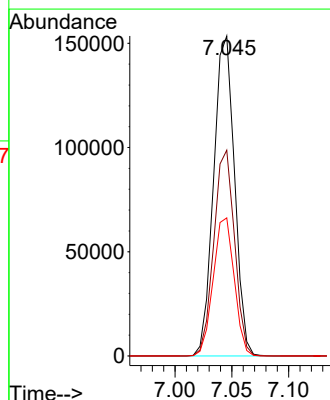
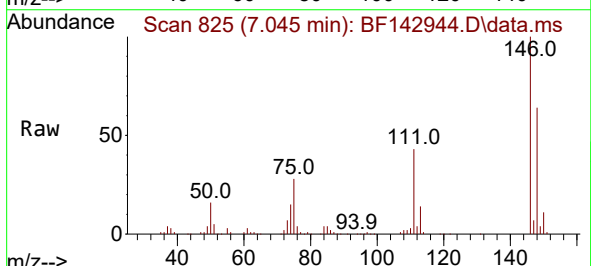
Tgt Ion:146 Resp: 196377

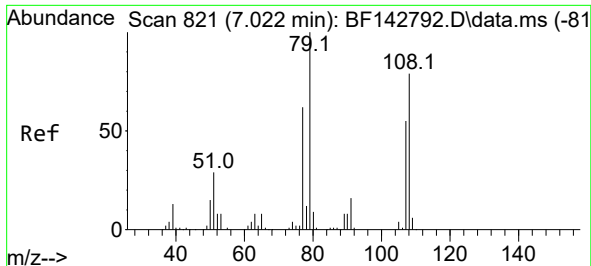
Ion Ratio Lower Upper

146 100

148 64.3 50.4 75.6

111 43.2 34.1 51.1

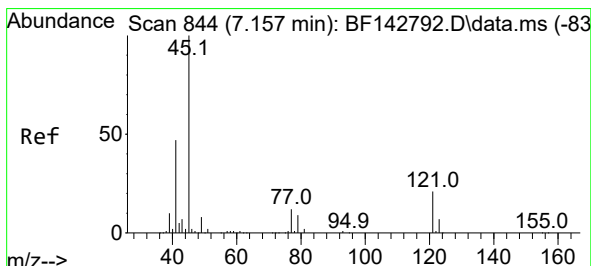
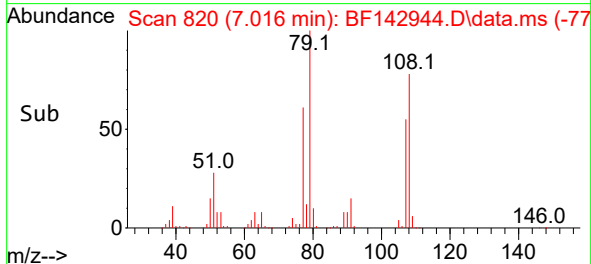
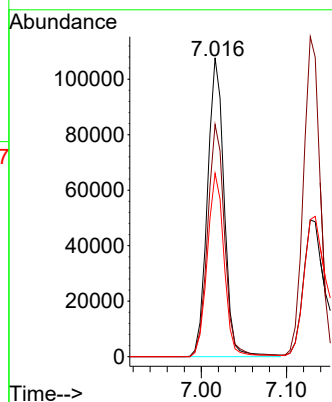
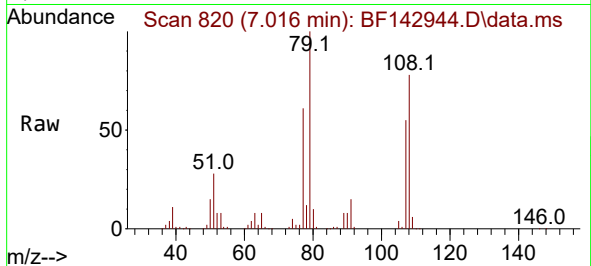




#15
Benzyl Alcohol
Concen: 43.851 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142944.D
Acq: 01 Jul 2025 12:18

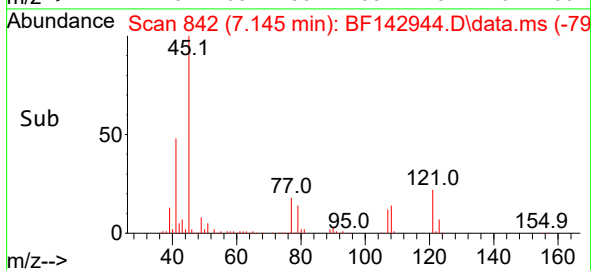
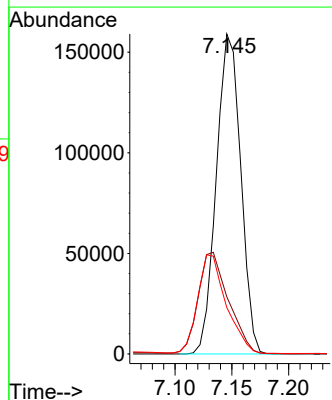
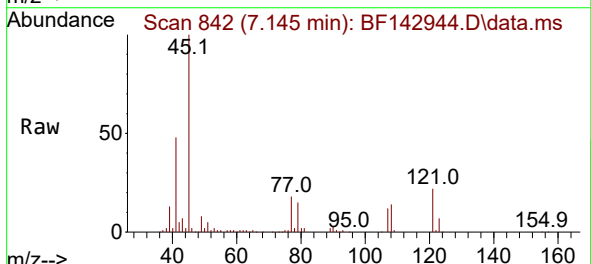
Instrument :
BNA_F
ClientSampleId :
PB168640BSD

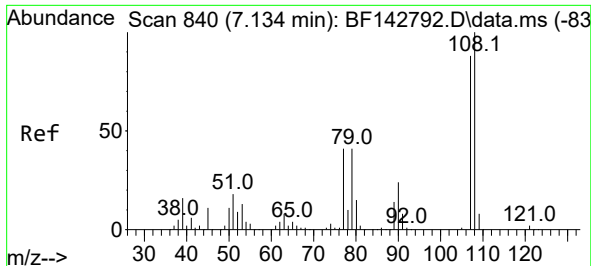
Tgt Ion: 79 Resp: 146431
Ion Ratio Lower Upper
79 100
108 77.7 63.4 95.0
77 61.3 49.5 74.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.397 ng
RT: 7.145 min Scan# 842
Delta R.T. -0.012 min
Lab File: BF142944.D
Acq: 01 Jul 2025 12:18

Tgt Ion: 45 Resp: 238176
Ion Ratio Lower Upper
45 100
77 17.9 0.0 32.8
79 14.5 0.0 29.8

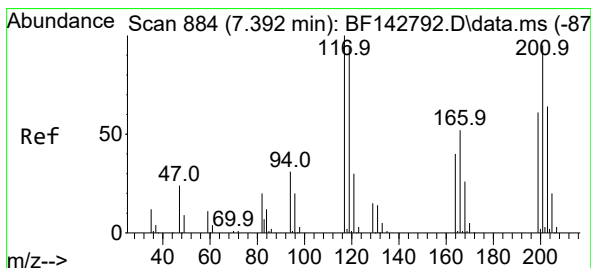
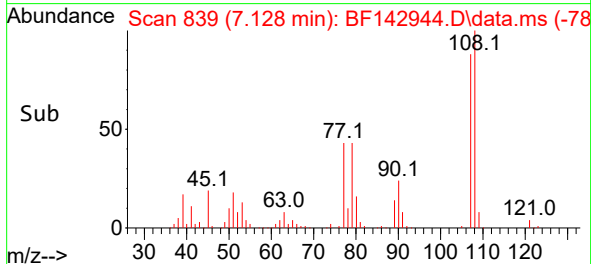
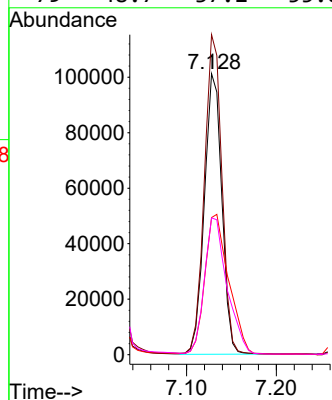
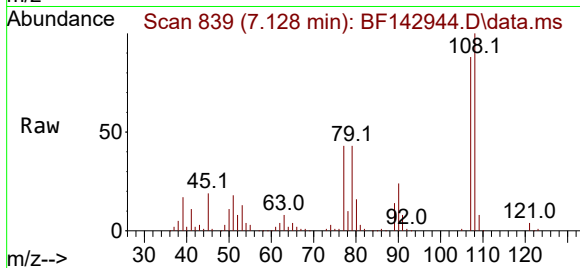




#17
2-Methylphenol
Concen: 42.728 ng
RT: 7.128 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142944.D
Acq: 01 Jul 2025 12:18

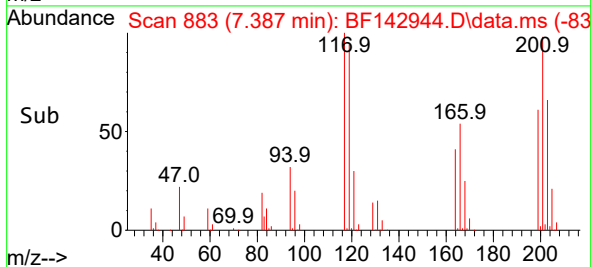
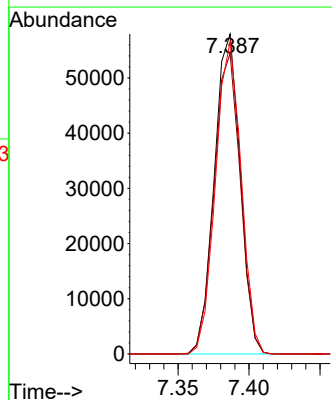
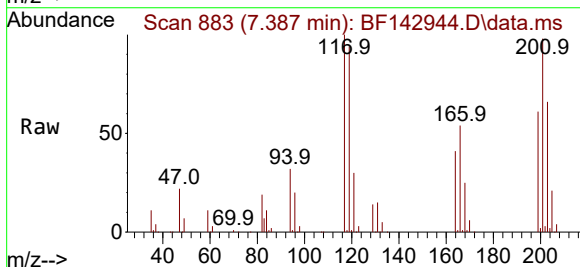
Instrument :
BNA_F
ClientSampleId :
PB168640BSD

Tgt Ion:107 Resp: 136750
Ion Ratio Lower Upper
107 100
108 113.9 90.9 136.3
77 48.8 37.3 55.9
79 48.7 37.2 55.8



#18
Hexachloroethane
Concen: 44.116 ng
RT: 7.387 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF142944.D
Acq: 01 Jul 2025 12:18

Tgt Ion:117 Resp: 73533
Ion Ratio Lower Upper
117 100
119 93.9 75.4 113.0
201 97.6 75.9 113.9



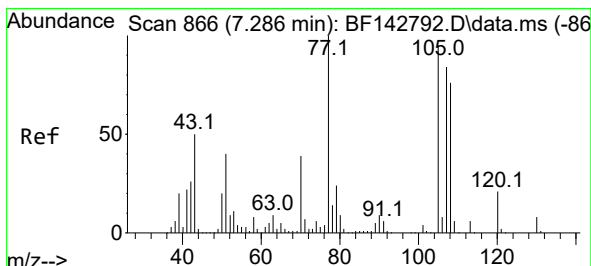
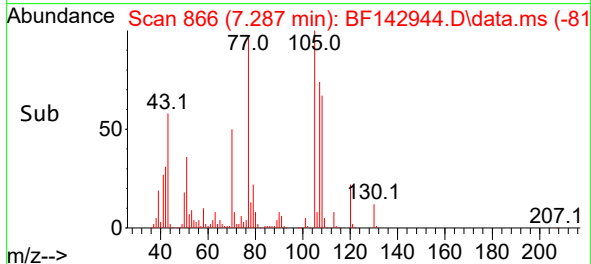
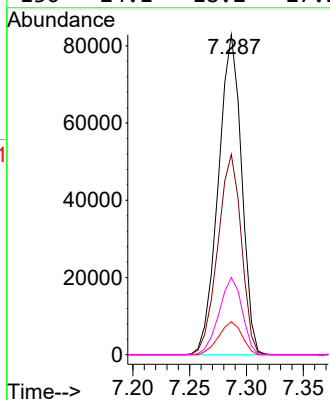
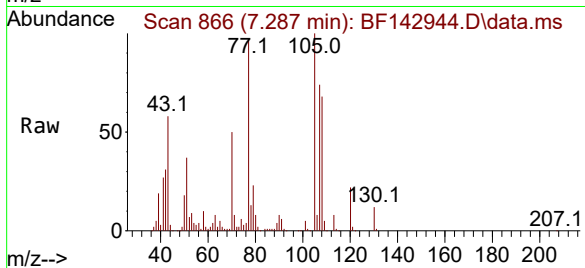


#19
n-Nitroso-di-n-propylamine
Concen: 43.993 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF142944.D
Acq: 01 Jul 2025 12:18

Instrument :
BNA_F
ClientSampleId :
PB168640BSD

Tgt Ion: 70 Resp: 118185

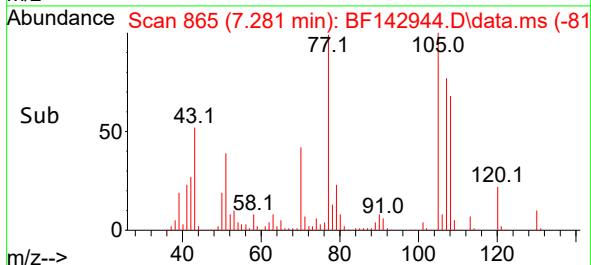
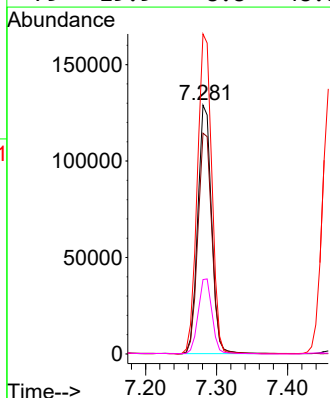
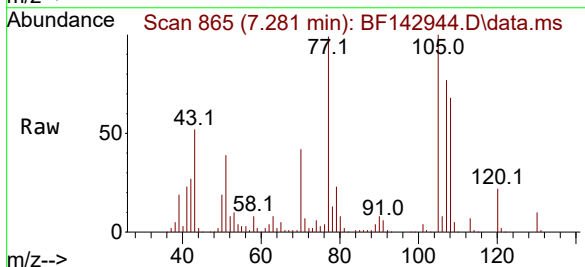
Ion	Ratio	Lower	Upper
70	100		
42	62.6	52.1	78.1
101	10.3	8.2	12.2
130	24.1	18.2	27.2

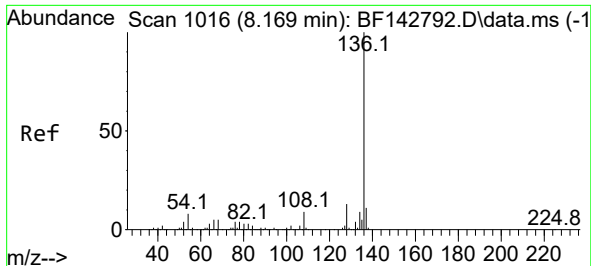


#20
3+4-Methylphenols
Concen: 43.682 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF142944.D
Acq: 01 Jul 2025 12:18

Tgt Ion: 107 Resp: 174311

Ion	Ratio	Lower	Upper
107	100		
108	88.8	70.0	110.0
77	128.6	98.5	138.5
79	29.9	8.8	48.8



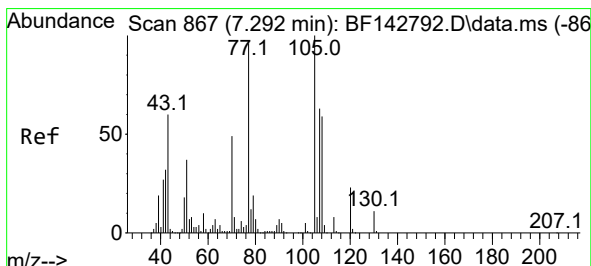
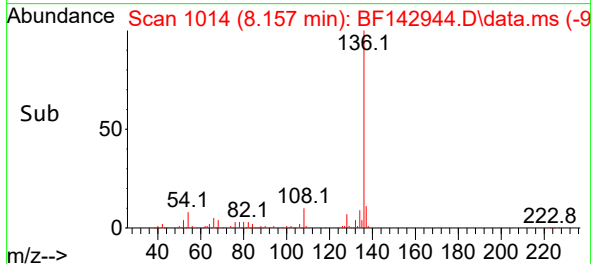
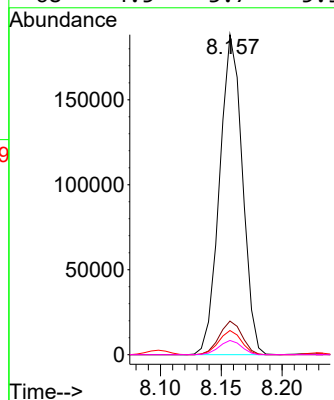
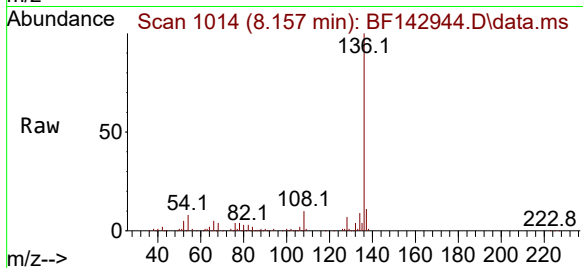


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF142944.D
Acq: 01 Jul 2025 12:18

Instrument :
BNA_F
ClientSampleId :
PB168640BSD

Tgt Ion:136 Resp: 245386

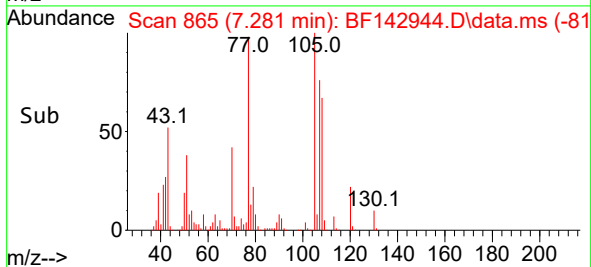
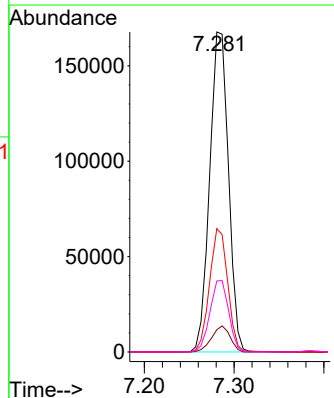
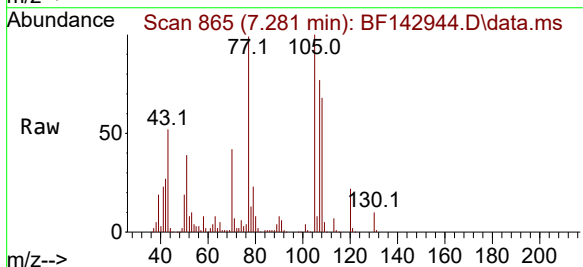
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.4	12.6
54	7.6	6.3	9.5
68	4.5	3.7	5.5

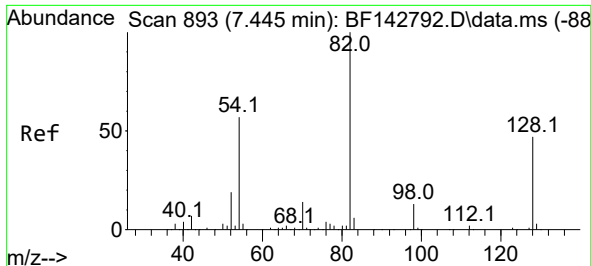


#22
Acetophenone
Concen: 45.051 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.012 min
Lab File: BF142944.D
Acq: 01 Jul 2025 12:18

Tgt Ion:105 Resp: 243778

Ion	Ratio	Lower	Upper
105	100		
71	7.0	6.5	9.7
51	38.5	29.8	44.8
120	22.2	18.2	27.2





#23

Nitrobenzene-d5

Concen: 78.609 ng

RT: 7.440 min Scan# 892

Delta R.T. -0.005 min

Lab File: BF142944.D

Acq: 01 Jul 2025 12:18

Instrument :

BNA_F

ClientSampleId :

PB168640BSD

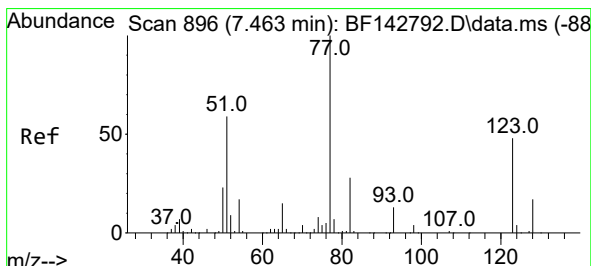
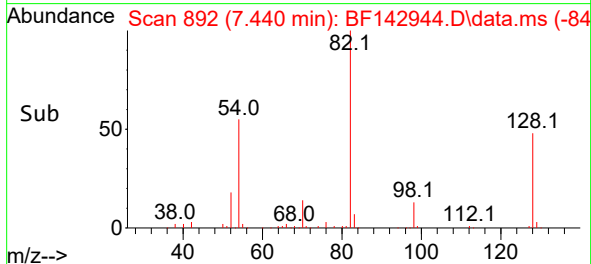
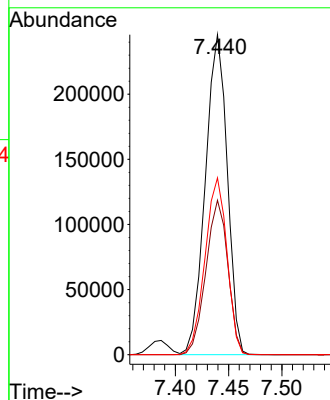
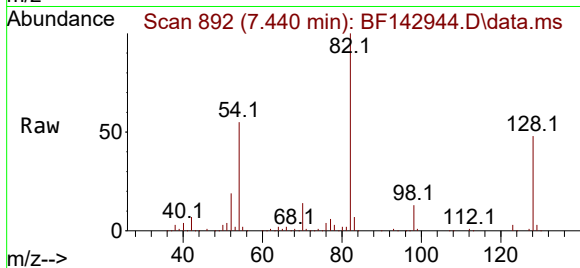
Tgt Ion: 82 Resp: 351671

Ion Ratio Lower Upper

82 100

128 48.3 37.7 56.5

54 55.2 45.7 68.5



#24

Nitrobenzene

Concen: 43.539 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF142944.D

Acq: 01 Jul 2025 12:18

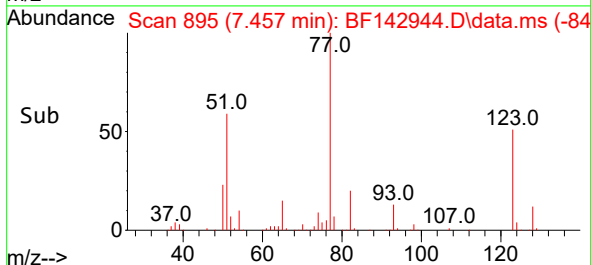
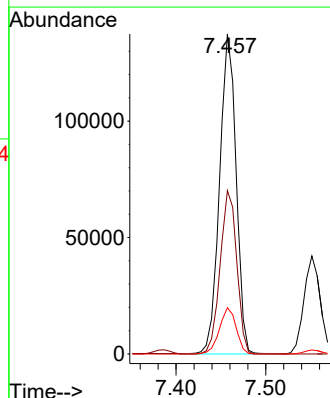
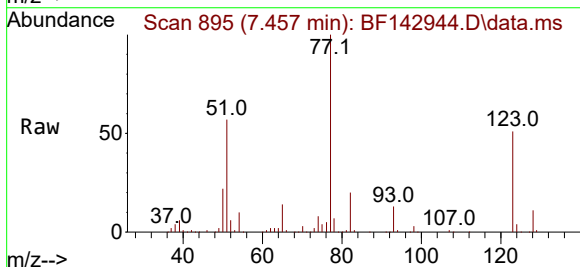
Tgt Ion: 77 Resp: 176294

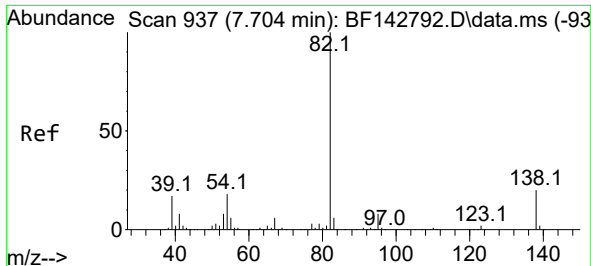
Ion Ratio Lower Upper

77 100

123 51.1 39.2 58.8

65 14.4 11.6 17.4

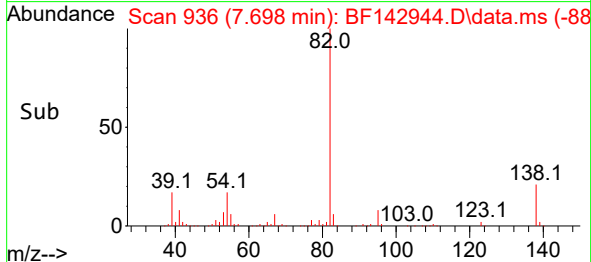
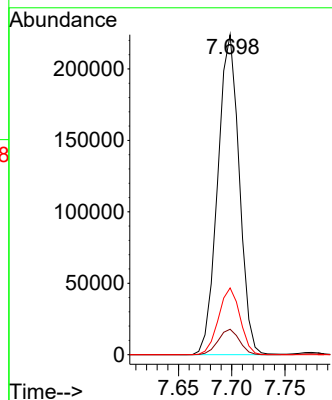
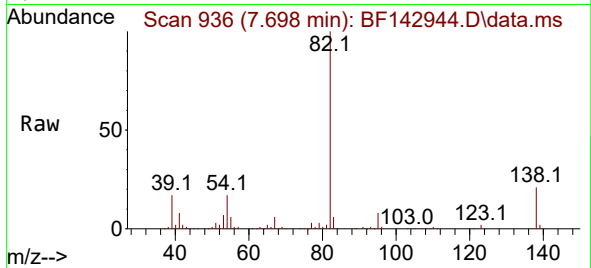




#25
Isophorone
Concen: 43.781 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF142944.D
Acq: 01 Jul 2025 12:18

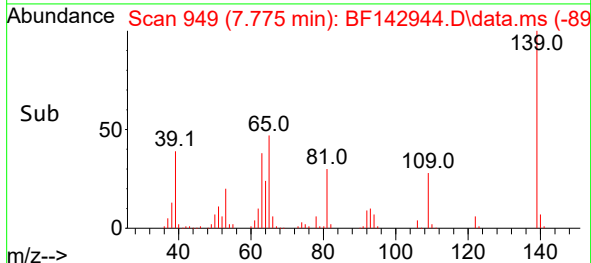
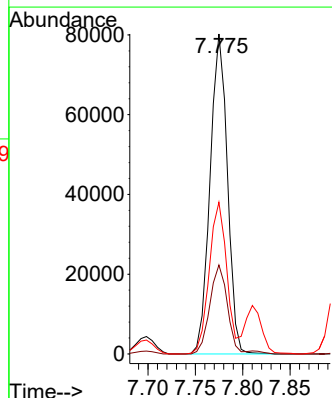
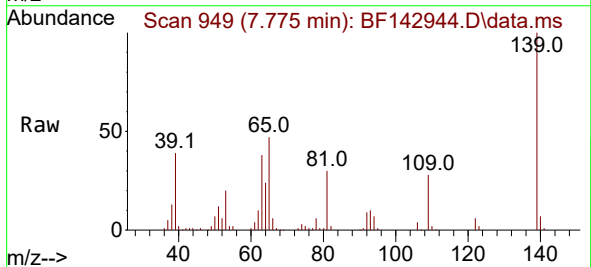
Instrument :
BNA_F
ClientSampleId :
PB168640BSD

Tgt Ion: 82 Resp: 314195
Ion Ratio Lower Upper
82 100
95 8.0 6.2 9.2
138 20.9 16.2 24.4



#26
2-Nitrophenol
Concen: 46.280 ng
RT: 7.775 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF142944.D
Acq: 01 Jul 2025 12:18

Tgt Ion:139 Resp: 102081
Ion Ratio Lower Upper
139 100
109 27.8 22.7 34.1
65 47.4 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 43.034 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142944.D

Acq: 01 Jul 2025 12:18

Instrument :

BNA_F

ClientSampleId :

PB168640BSD

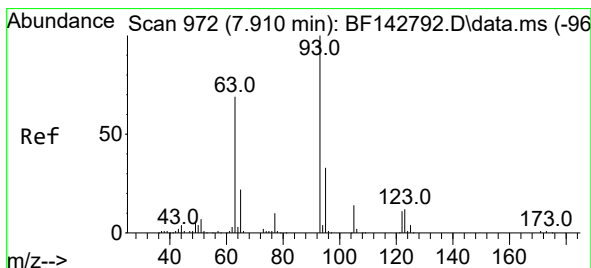
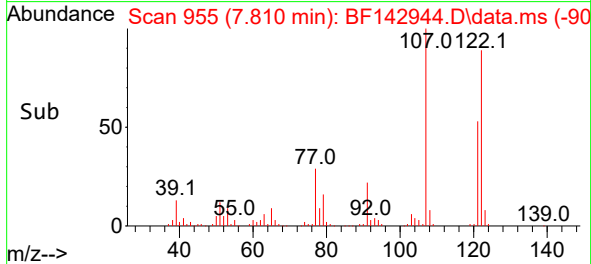
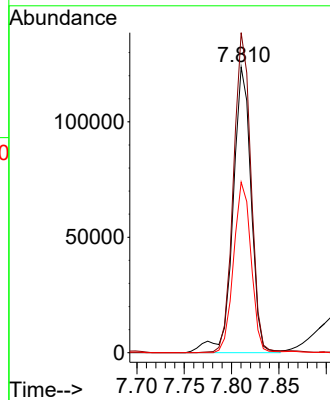
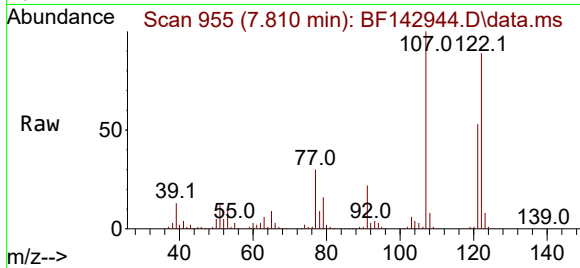
Tgt Ion:122 Resp: 164420

Ion Ratio Lower Upper

122 100

107 112.0 88.0 132.0

121 59.7 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 44.147 ng

RT: 7.904 min Scan# 971

Delta R.T. -0.006 min

Lab File: BF142944.D

Acq: 01 Jul 2025 12:18

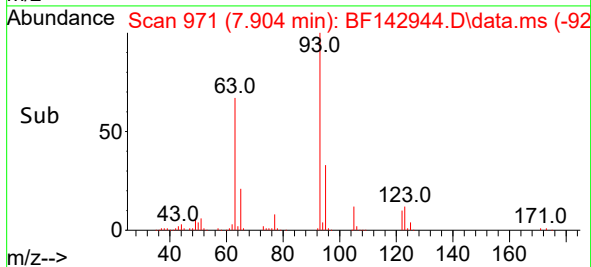
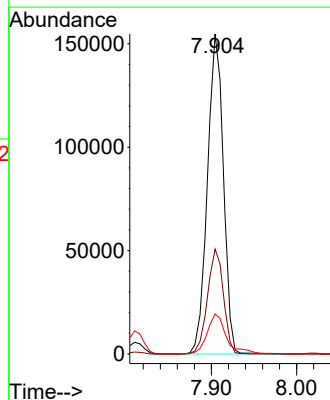
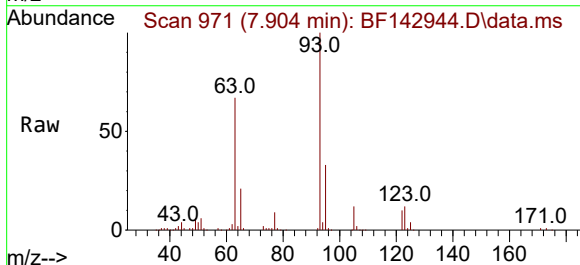
Tgt Ion: 93 Resp: 201419

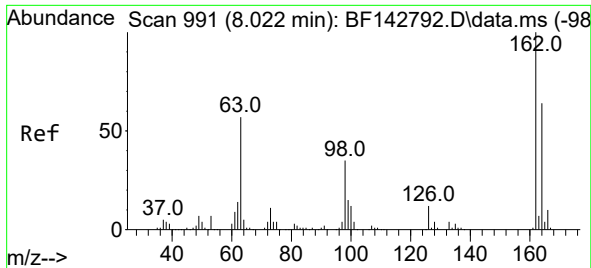
Ion Ratio Lower Upper

93 100

95 32.8 26.2 39.2

123 12.5 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 44.741 ng

RT: 8.016 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF142944.D

Acq: 01 Jul 2025 12:18

Instrument :

BNA_F

ClientSampleId :

PB168640BSD

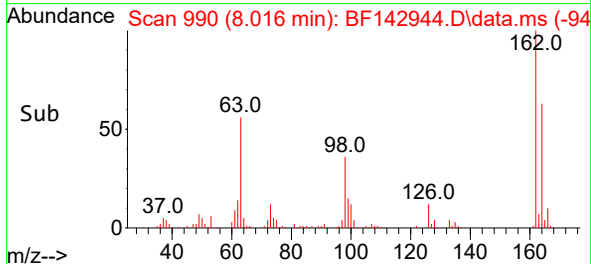
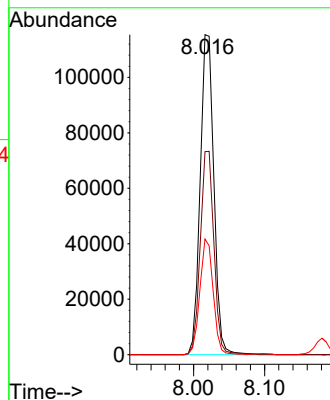
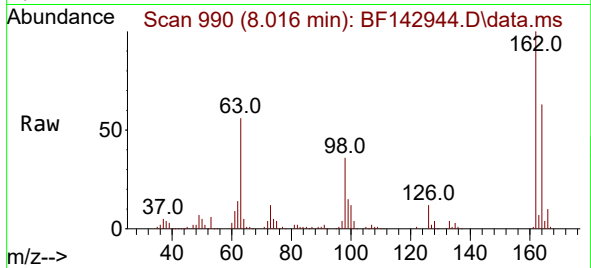
Tgt Ion:162 Resp: 154996

Ion Ratio Lower Upper

162 100

164 63.5 44.0 84.0

98 36.2 15.4 55.4



#30

1,2,4-Trichlorobenzene

Concen: 44.140 ng

RT: 8.098 min Scan# 1004

Delta R.T. -0.006 min

Lab File: BF142944.D

Acq: 01 Jul 2025 12:18

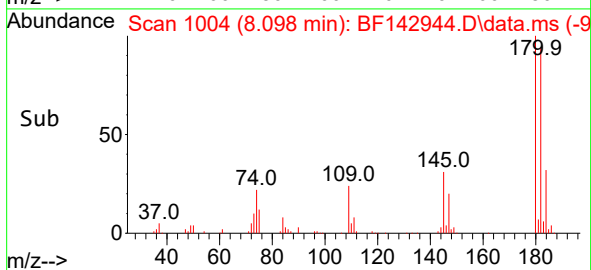
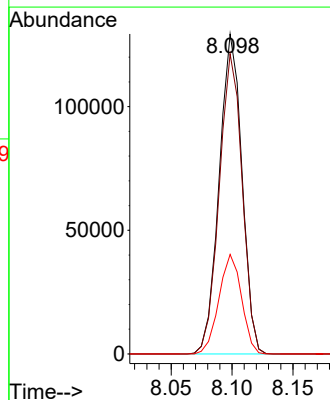
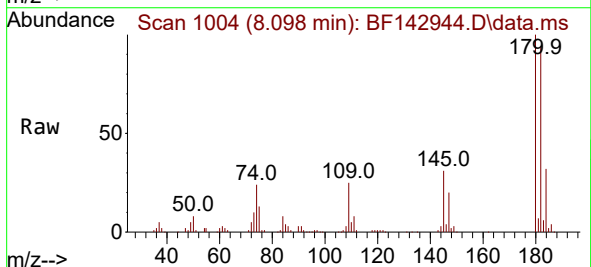
Tgt Ion:180 Resp: 168146

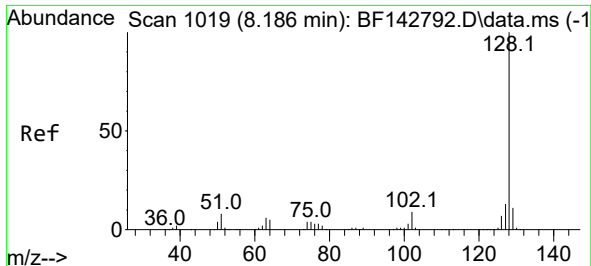
Ion Ratio Lower Upper

180 100

182 93.7 76.4 114.6

145 31.1 25.8 38.8

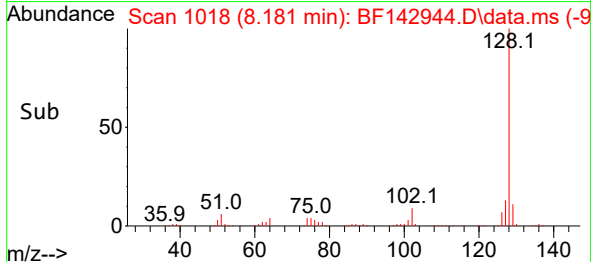
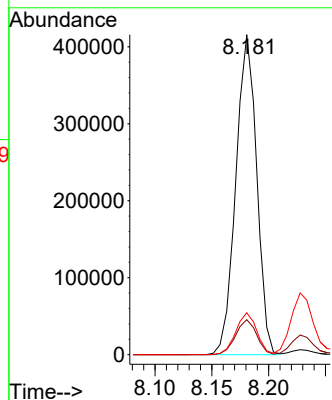
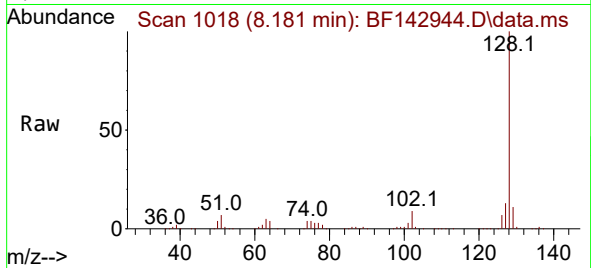




#31
Naphthalene
Concen: 44.222 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142944.D
Acq: 01 Jul 2025 12:18

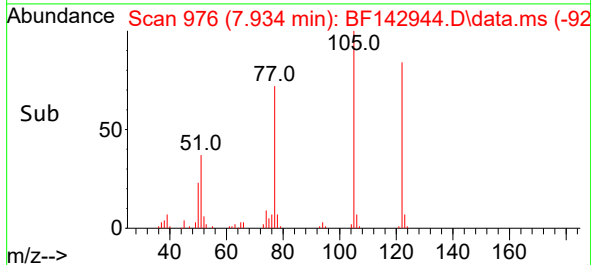
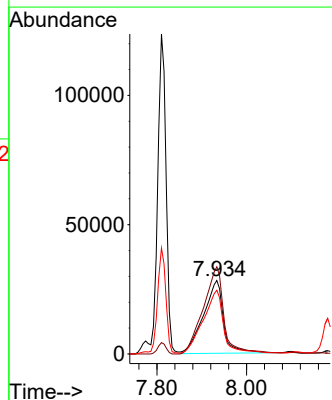
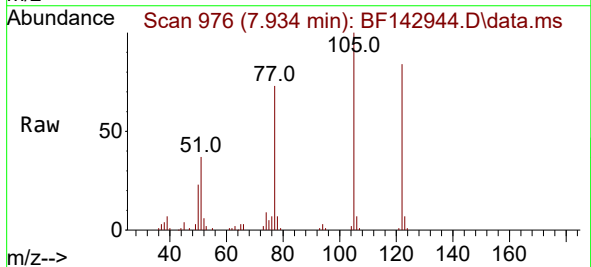
Instrument :
BNA_F
ClientSampleId :
PB168640BSD

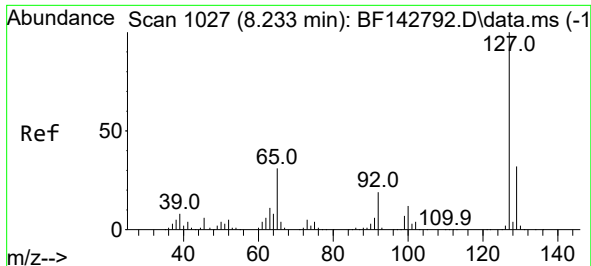
Tgt Ion:128 Resp: 531157
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.1 10.4 15.6



#32
Benzoic acid
Concen: 45.083 ng
RT: 7.934 min Scan# 976
Delta R.T. 0.012 min
Lab File: BF142944.D
Acq: 01 Jul 2025 12:18

Tgt Ion:122 Resp: 87792
Ion Ratio Lower Upper
122 100
105 118.9 104.7 144.7
77 86.8 70.2 110.2

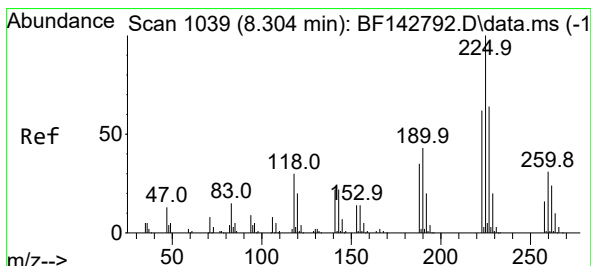
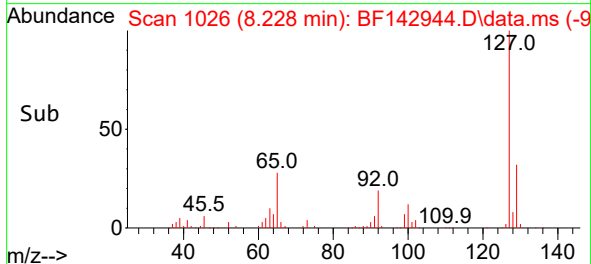
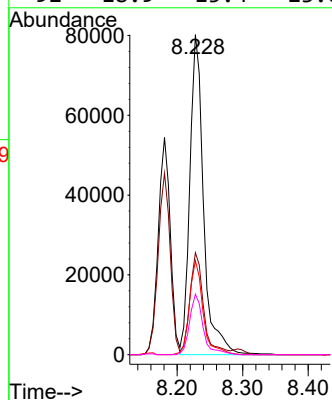
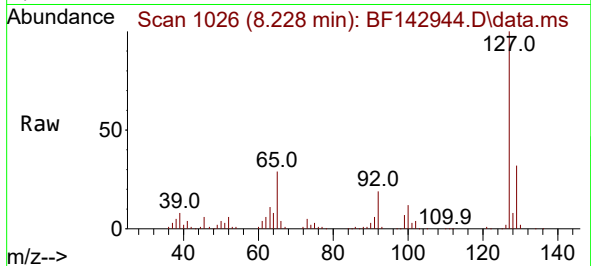




#33
4-Chloroaniline
Concen: 23.868 ng
RT: 8.228 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF142944.D
Acq: 01 Jul 2025 12:18

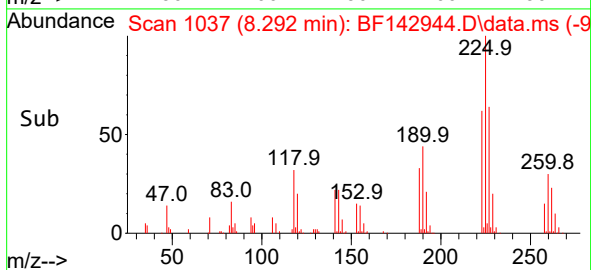
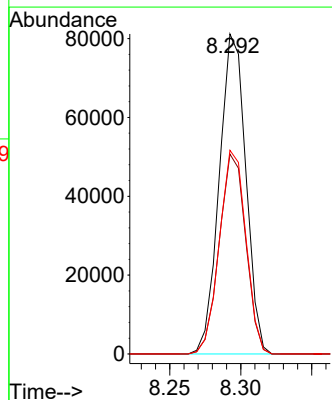
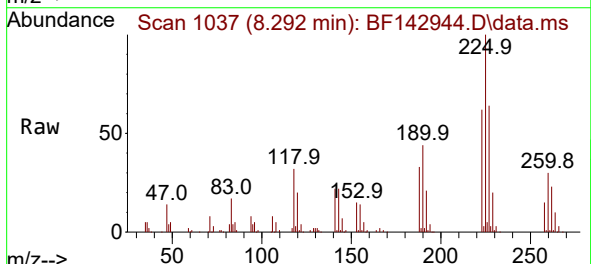
Instrument :
BNA_F
ClientSampleId :
PB168640BSD

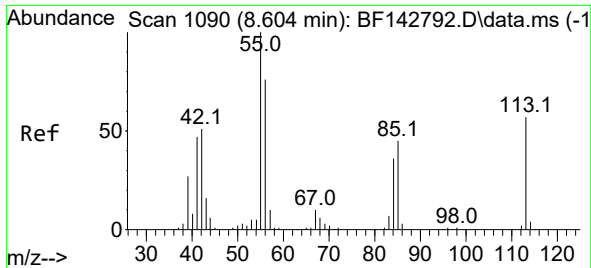
Tgt Ion:127	Resp: 116571
Ion Ratio	Lower Upper
127 100	
129 31.9	25.9 38.9
65 29.3	24.6 36.8
92 18.9	15.4 23.0



#34
Hexachlorobutadiene
Concen: 45.247 ng
RT: 8.292 min Scan# 1037
Delta R.T. -0.012 min
Lab File: BF142944.D
Acq: 01 Jul 2025 12:18

Tgt Ion:225	Resp: 105432
Ion Ratio	Lower Upper
225 100	
223 62.5	49.9 74.9
227 63.7	51.4 77.0

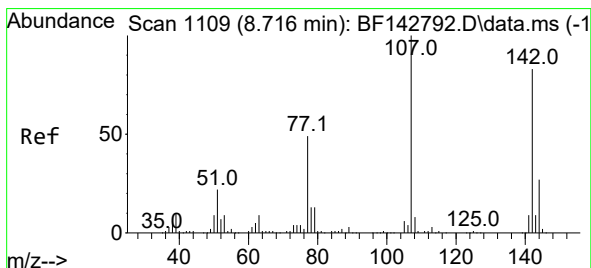
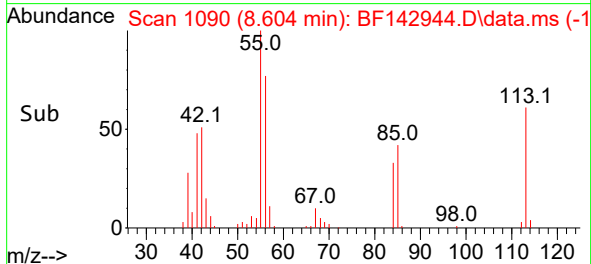
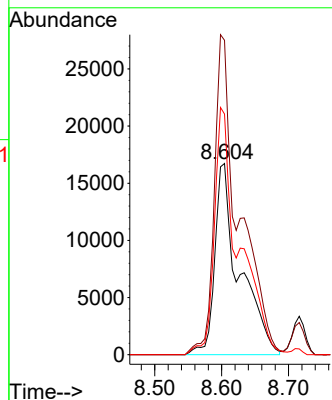
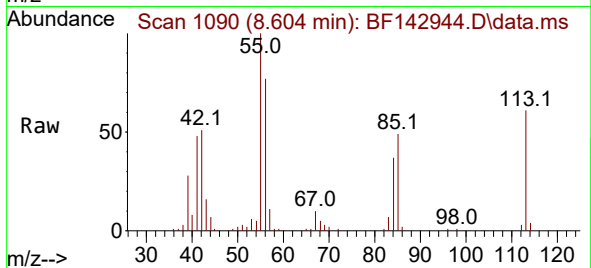




#35
 Caprolactam
 Concen: 46.712 ng m
 RT: 8.604 min Scan# 1090
 Delta R.T. 0.000 min
 Lab File: BF142944.D
 Acq: 01 Jul 2025 12:18

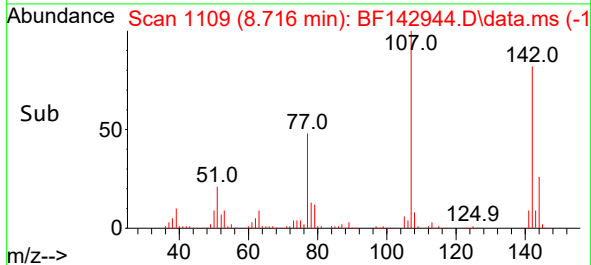
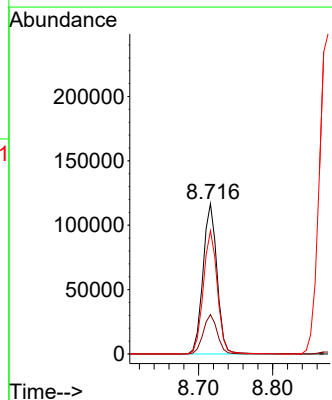
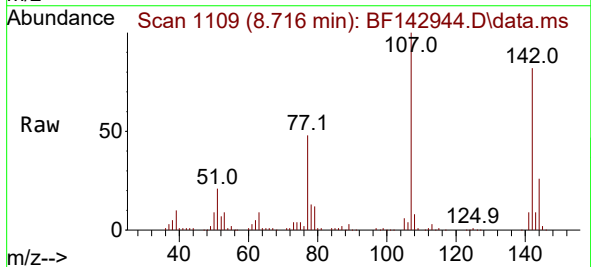
Instrument :
 BNA_F
 ClientSampleId :
 PB168640BSD

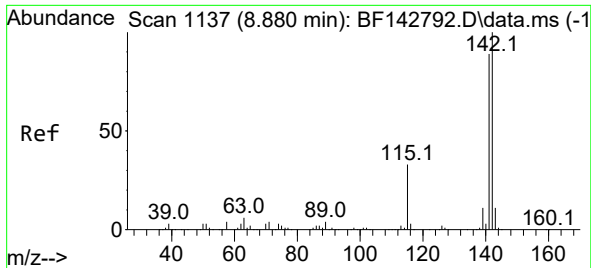
Tgt Ion:113 Resp: 42702
 Ion Ratio Lower Upper
 113 100
 55 164.4 154.4 194.4
 56 125.9 112.1 152.1



#36
 4-Chloro-3-methylphenol
 Concen: 44.801 ng
 RT: 8.716 min Scan# 1109
 Delta R.T. 0.000 min
 Lab File: BF142944.D
 Acq: 01 Jul 2025 12:18

Tgt Ion:107 Resp: 154249
 Ion Ratio Lower Upper
 107 100
 144 26.1 21.3 31.9
 142 81.9 66.6 100.0

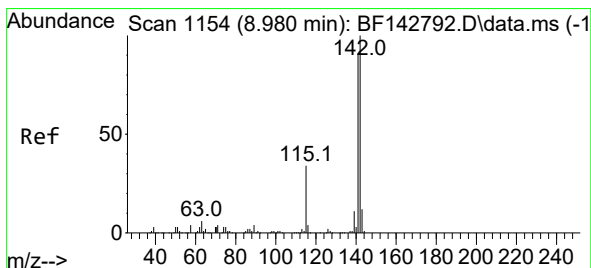
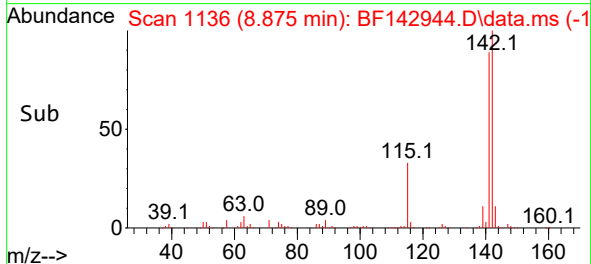
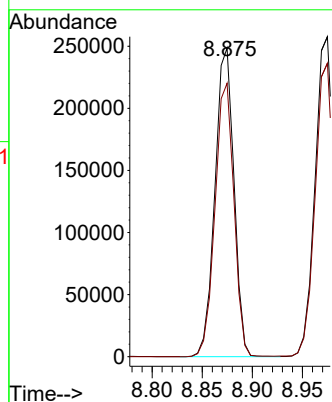
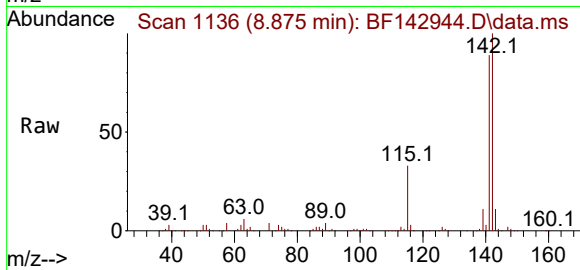




#37
2-Methylnaphthalene
Concen: 43.878 ng
RT: 8.875 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BF142944.D
Acq: 01 Jul 2025 12:18

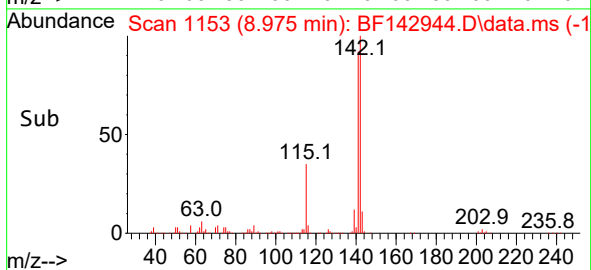
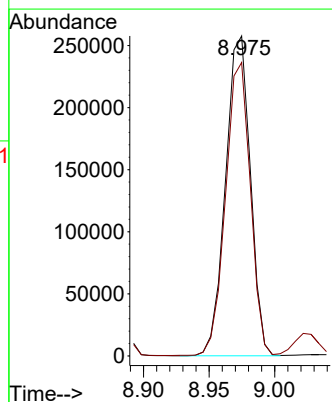
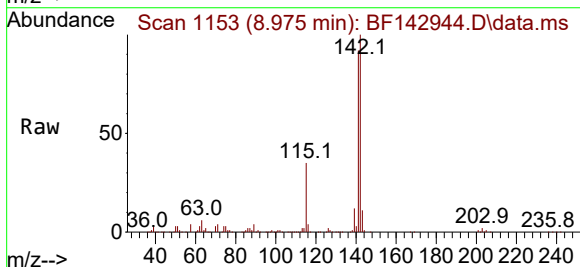
Instrument :
BNA_F
ClientSampleId :
PB168640BSD

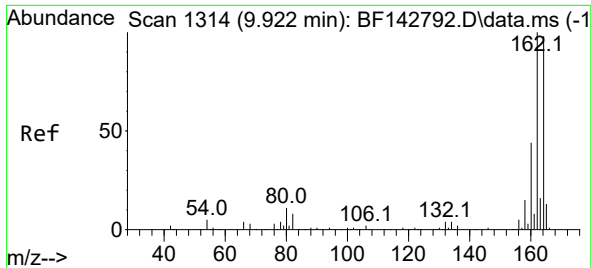
Tgt Ion:142 Resp: 326740
Ion Ratio Lower Upper
142 100
141 88.6 70.9 106.3



#38
1-Methylnaphthalene
Concen: 43.981 ng
RT: 8.975 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF142944.D
Acq: 01 Jul 2025 12:18

Tgt Ion:142 Resp: 339032
Ion Ratio Lower Upper
142 100
141 91.7 73.0 109.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1113

Delta R.T. -0.006 min

Lab File: BF142944.D

Acq: 01 Jul 2025 12:18

Instrument :

BNA_F

ClientSampleId :

PB168640BSD

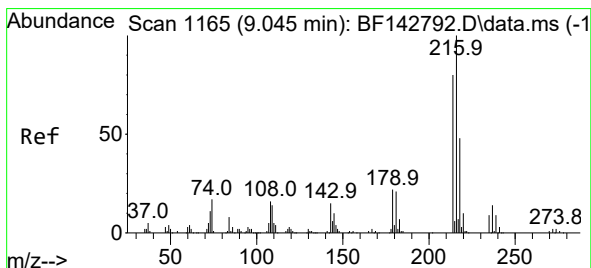
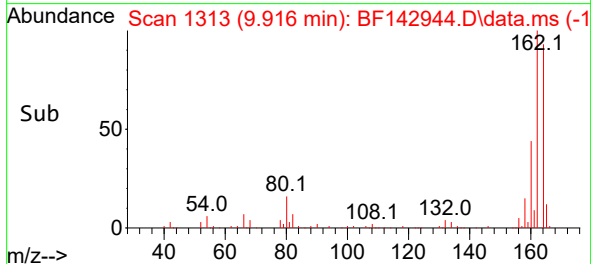
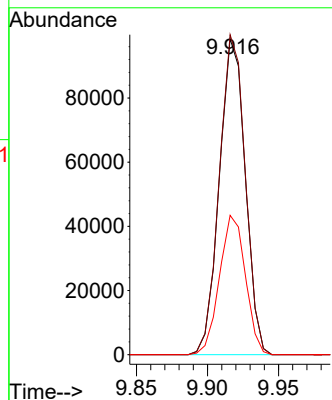
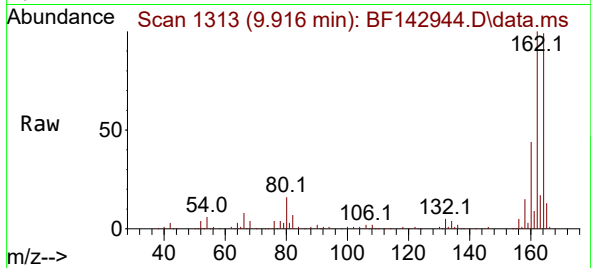
Tgt Ion:164 Resp: 124805

Ion Ratio Lower Upper

164 100

162 101.3 81.8 122.8

160 44.1 36.0 54.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.676 ng

RT: 9.039 min Scan# 1164

Delta R.T. -0.006 min

Lab File: BF142944.D

Acq: 01 Jul 2025 12:18

Tgt Ion:216 Resp: 168207

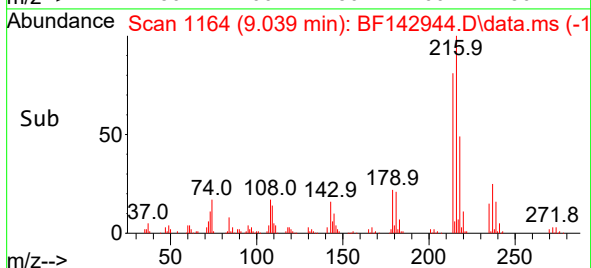
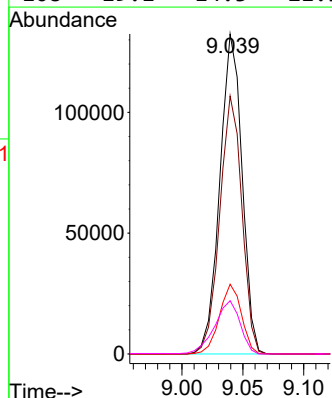
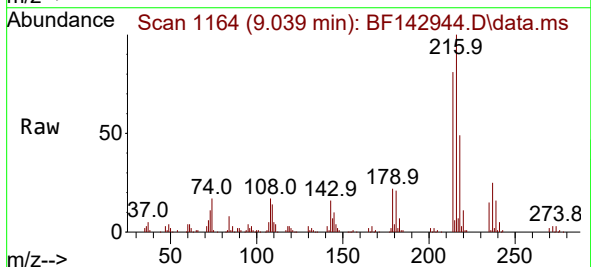
Ion Ratio Lower Upper

216 100

214 80.2 63.7 95.5

179 21.6 17.6 26.4

108 19.1 14.3 21.5

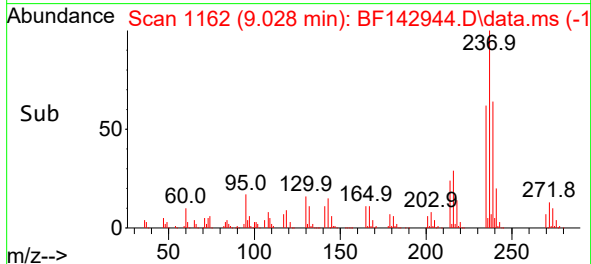
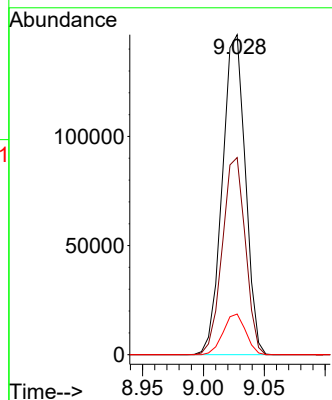
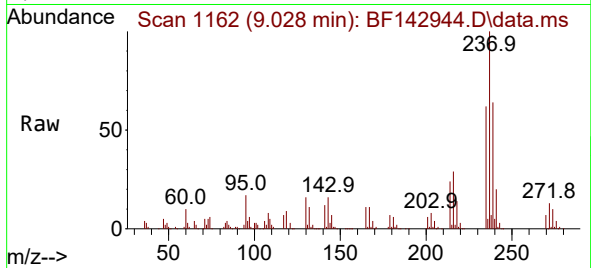




#41
Hexachlorocyclopentadiene
Concen: 92.179 ng
RT: 9.028 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BF142944.D
Acq: 01 Jul 2025 12:18

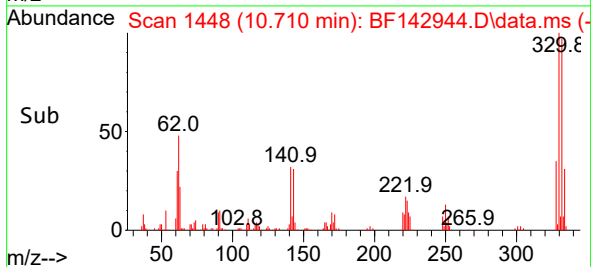
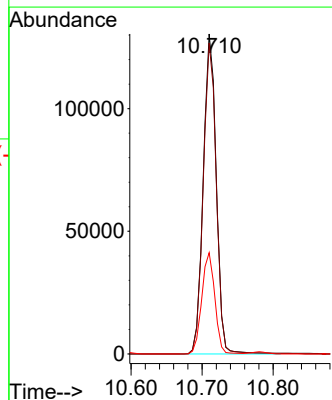
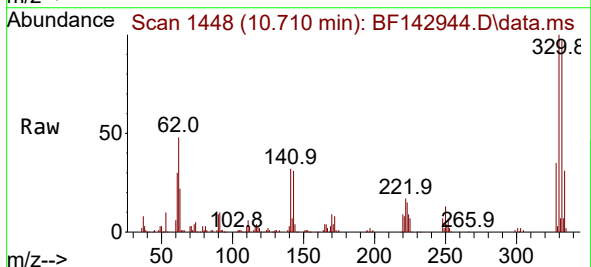
Instrument :
BNA_F
ClientSampleId :
PB168640BSD

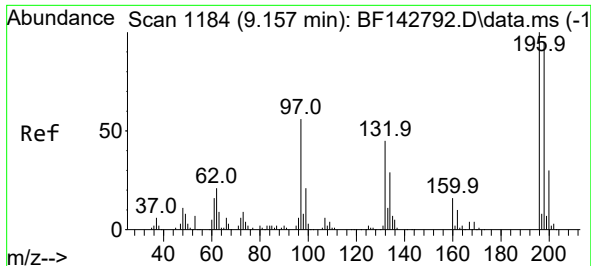
Tgt Ion:237 Resp: 192635
Ion Ratio Lower Upper
237 100
235 61.6 43.4 83.4
272 12.7 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 129.804 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF142944.D
Acq: 01 Jul 2025 12:18

Tgt Ion:330 Resp: 166711
Ion Ratio Lower Upper
330 100
332 97.5 75.0 112.6
141 31.7 25.3 37.9





#43

2,4,6-Trichlorophenol

Concen: 44.377 ng

RT: 9.151 min Scan# 1183

Delta R.T. -0.006 min

Lab File: BF142944.D

Acq: 01 Jul 2025 12:18

Instrument :

BNA_F

ClientSampleId :

PB168640BSD

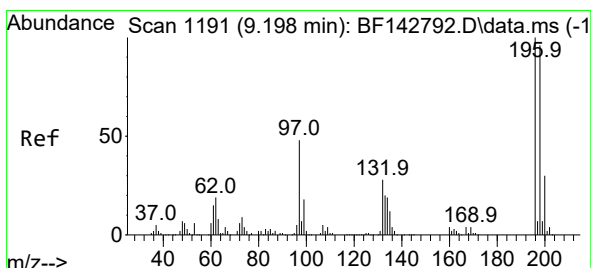
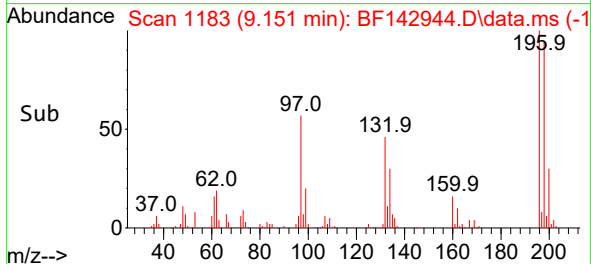
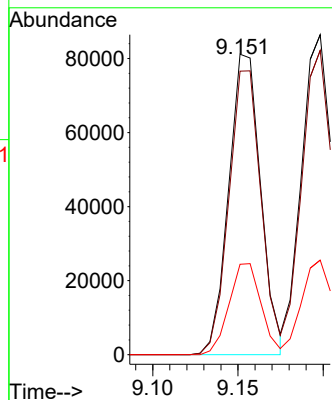
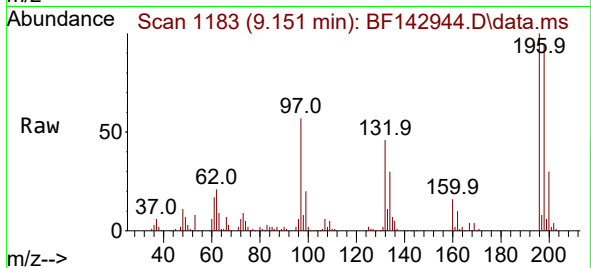
Tgt Ion:196 Resp: 106489

Ion Ratio Lower Upper

196 100

198 94.4 76.2 114.2

200 30.1 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 44.766 ng

RT: 9.198 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BF142944.D

Acq: 01 Jul 2025 12:18

Tgt Ion:196 Resp: 113083

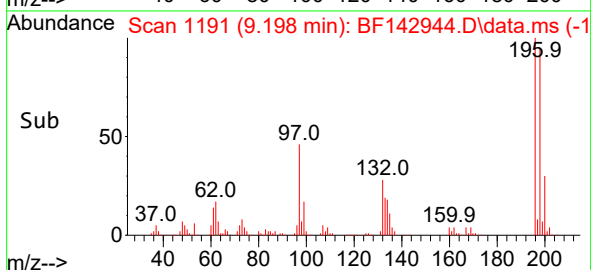
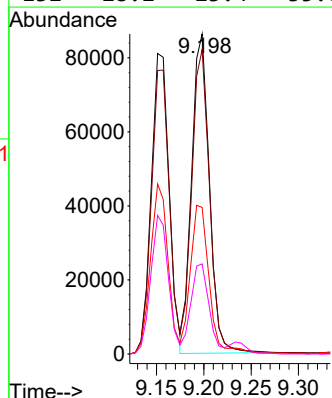
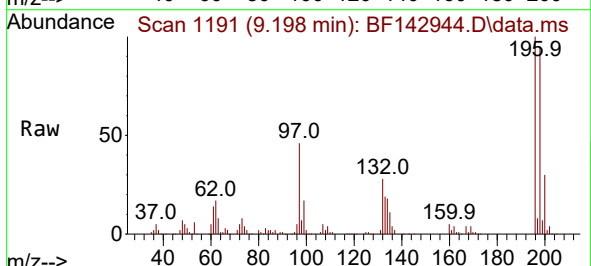
Ion Ratio Lower Upper

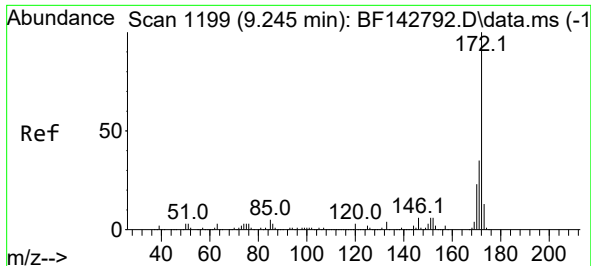
196 100

198 95.1 76.6 115.0

97 45.8 38.2 57.2

132 28.2 23.4 35.0

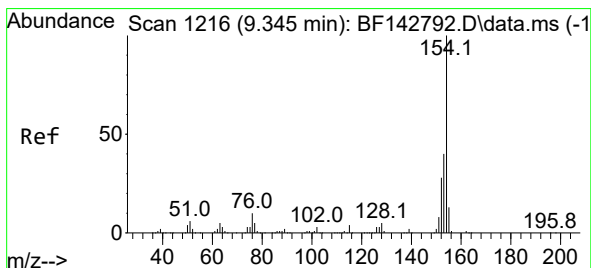
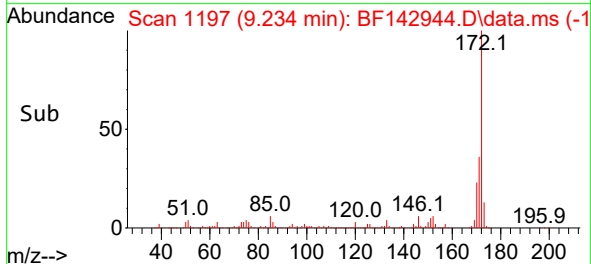
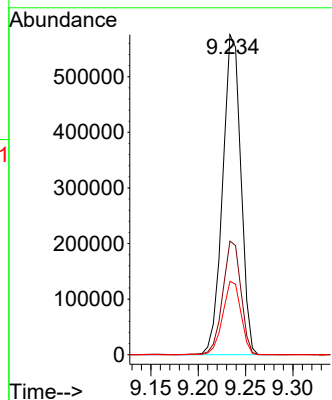
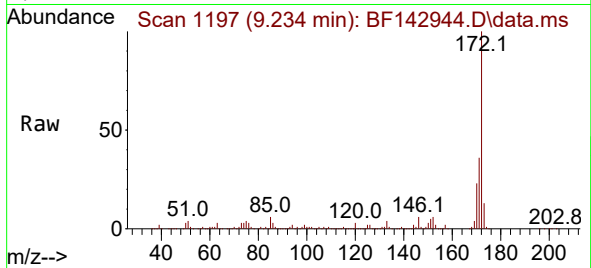




#45
2-Fluorobiphenyl
Concen: 81.010 ng
RT: 9.234 min Scan# 1197
Delta R.T. -0.011 min
Lab File: BF142944.D
Acq: 01 Jul 2025 12:18

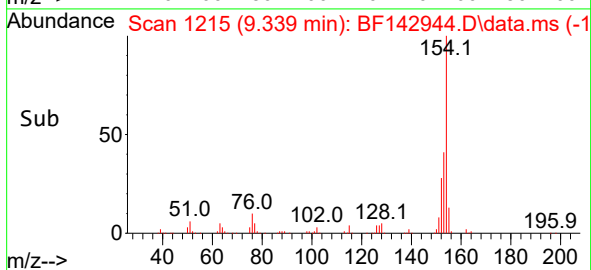
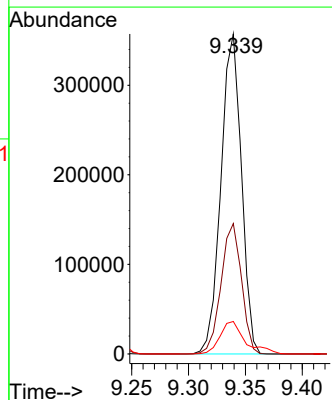
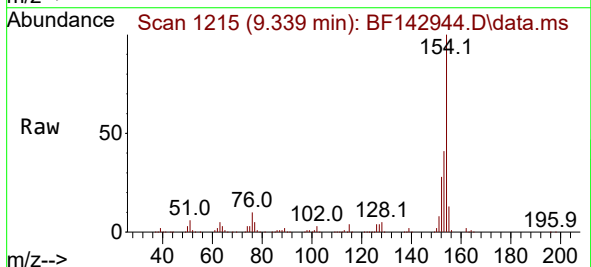
Instrument :
BNA_F
ClientSampleId :
PB168640BSD

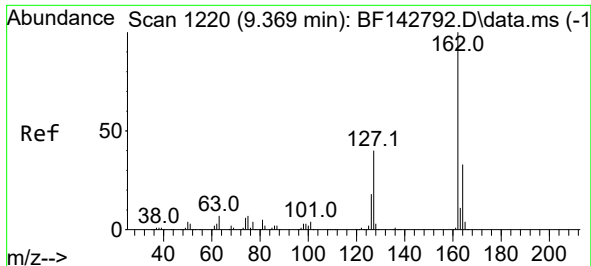
Tgt Ion:172 Resp: 769632
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.4
170 22.9 18.5 27.7



#46
1,1'-Biphenyl
Concen: 45.454 ng
RT: 9.339 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF142944.D
Acq: 01 Jul 2025 12:18

Tgt Ion:154 Resp: 448123
Ion Ratio Lower Upper
154 100
153 40.8 20.3 60.3
76 10.1 0.0 30.3

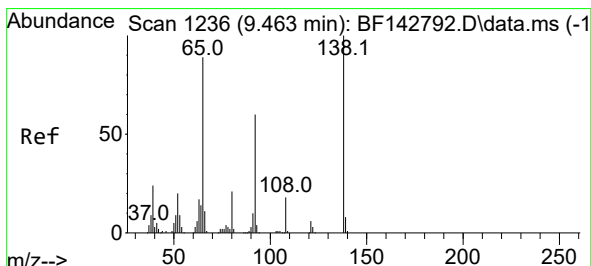
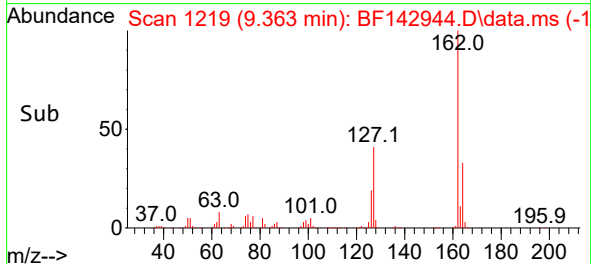
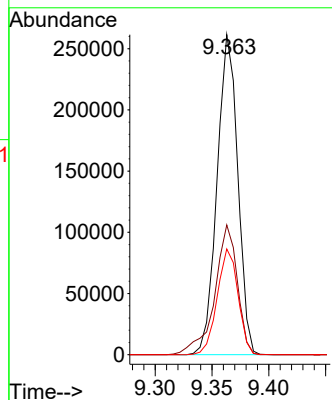
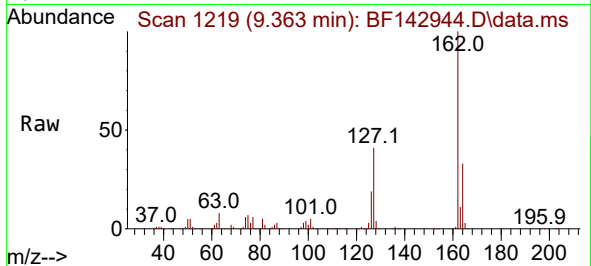




#47
2-Chloronaphthalene
Concen: 44.839 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF142944.D
Acq: 01 Jul 2025 12:18

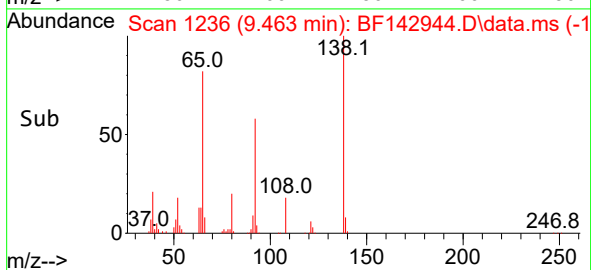
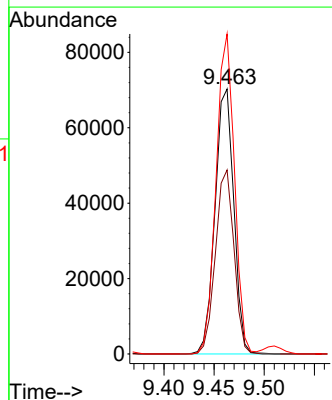
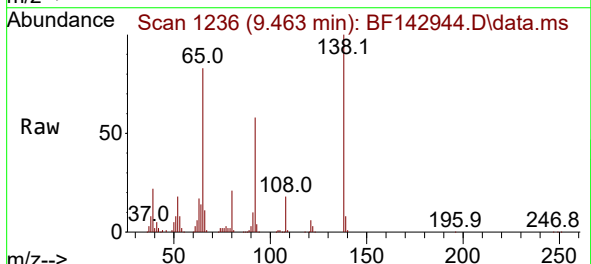
Instrument :
BNA_F
ClientSampleId :
PB168640BSD

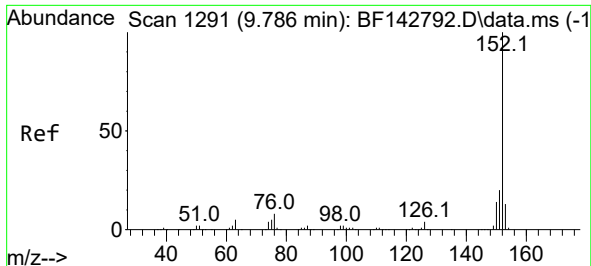
Tgt Ion:162 Resp: 331737
Ion Ratio Lower Upper
162 100
127 40.6 32.2 48.2
164 33.1 26.1 39.1



#48
2-Nitroaniline
Concen: 44.014 ng
RT: 9.463 min Scan# 1236
Delta R.T. 0.000 min
Lab File: BF142944.D
Acq: 01 Jul 2025 12:18

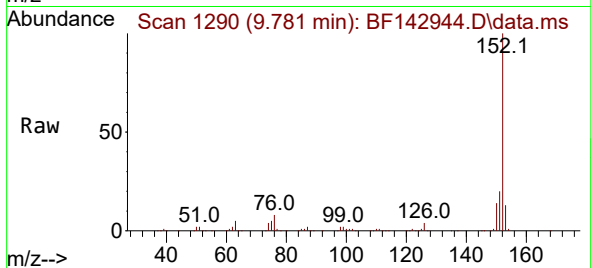
Tgt Ion: 65 Resp: 91293
Ion Ratio Lower Upper
65 100
92 69.5 53.8 80.6
138 120.8 89.6 134.4



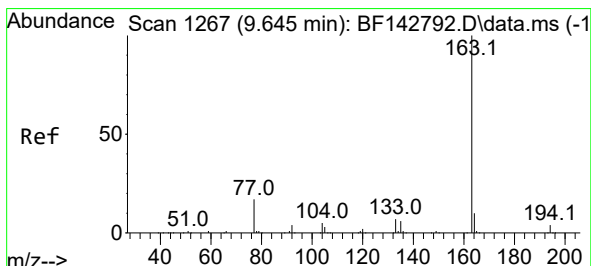
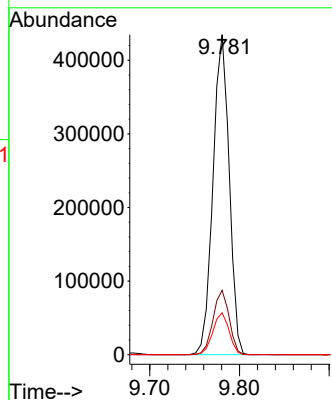
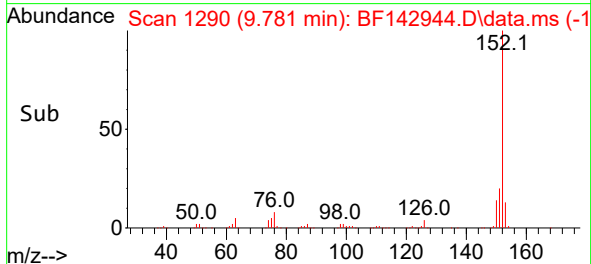


#49
Acenaphthylene
Concen: 44.725 ng
RT: 9.781 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142944.D
Acq: 01 Jul 2025 12:18

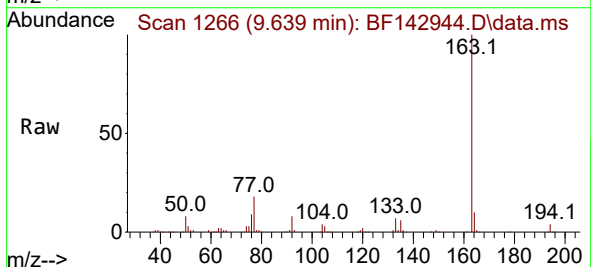
Instrument :
BNA_F
ClientSampleId :
PB168640BSD



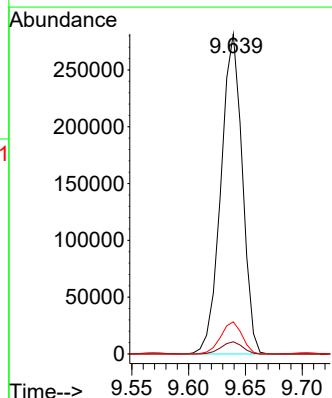
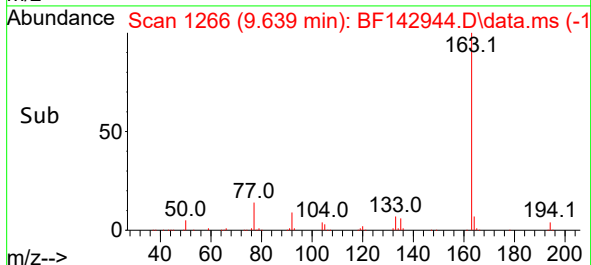
Tgt Ion:152 Resp: 544719
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 13.1 10.4 15.6

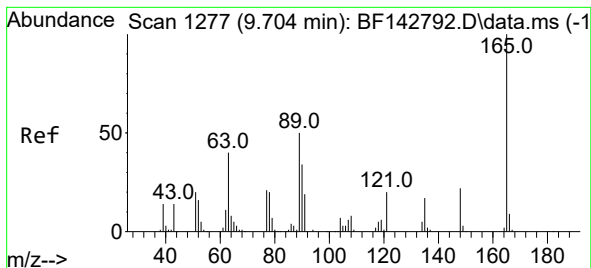


#50
Dimethylphthalate
Concen: 45.679 ng
RT: 9.639 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF142944.D
Acq: 01 Jul 2025 12:18



Tgt Ion:163 Resp: 369023
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.0 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 46.281 ng

RT: 9.704 min Scan# 1319

Delta R.T. 0.000 min

Lab File: BF142944.D

Acq: 01 Jul 2025 12:18

Instrument :

BNA_F

ClientSampleId :

PB168640BSD

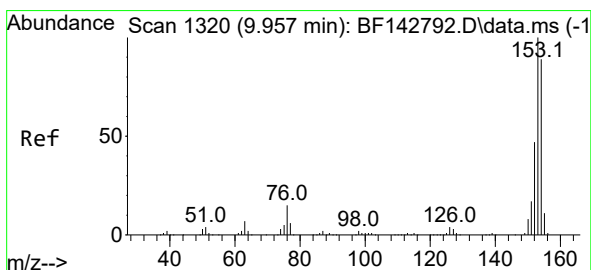
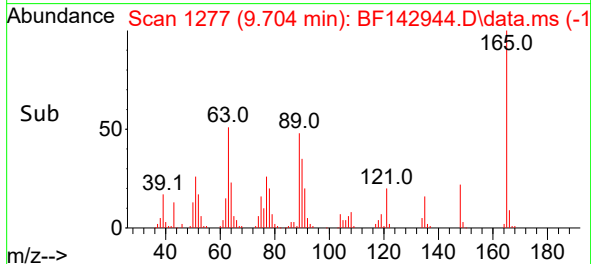
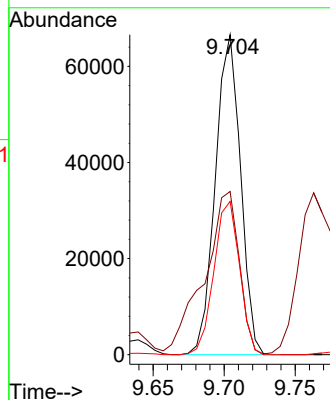
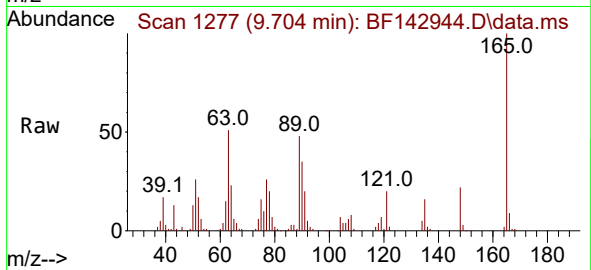
Tgt Ion:165 Resp: 82109

Ion Ratio Lower Upper

165 100

63 51.0 44.2 66.4

89 47.9 39.8 59.8



#52

Acenaphthene

Concen: 49.135 ng m

RT: 9.951 min Scan# 1319

Delta R.T. -0.006 min

Lab File: BF142944.D

Acq: 01 Jul 2025 12:18

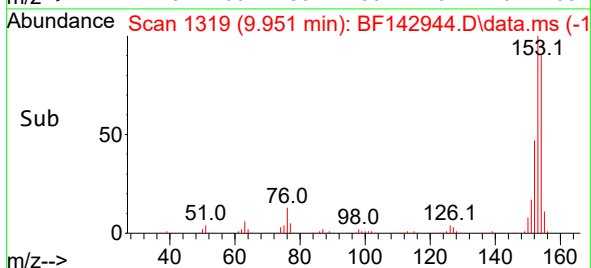
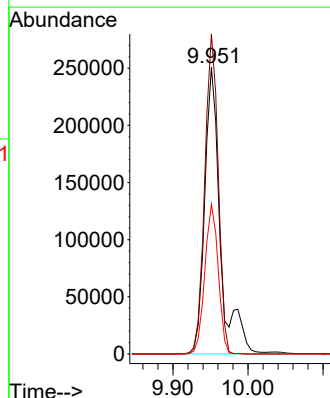
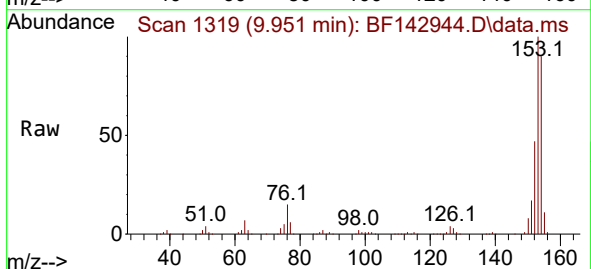
Tgt Ion:154 Resp: 365119

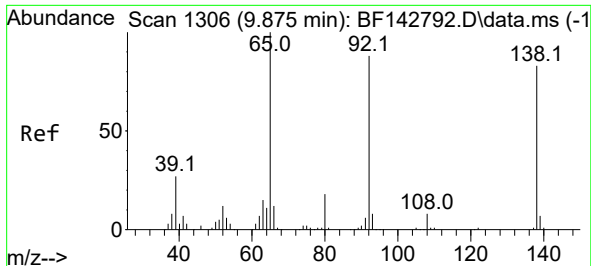
Ion Ratio Lower Upper

154 100

153 111.7 90.0 135.0

152 52.1 41.9 62.9

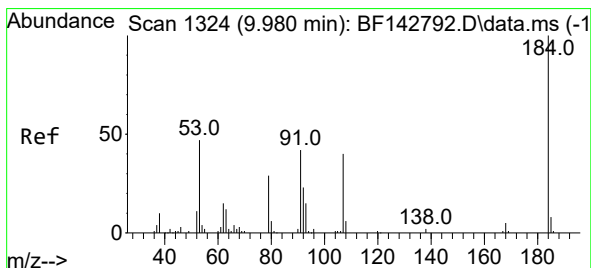
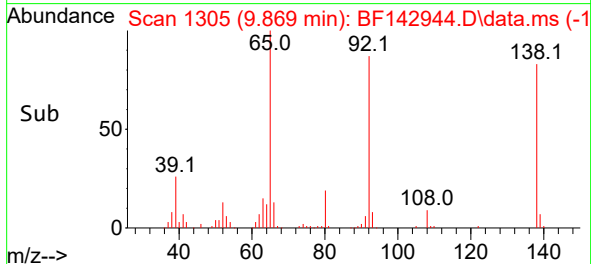
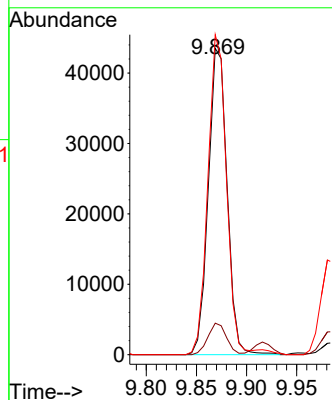
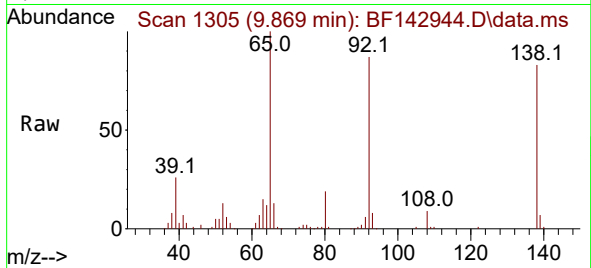




#53
3-Nitroaniline
Concen: 29.067 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142944.D
Acq: 01 Jul 2025 12:18

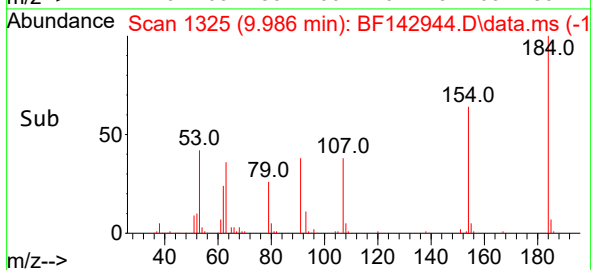
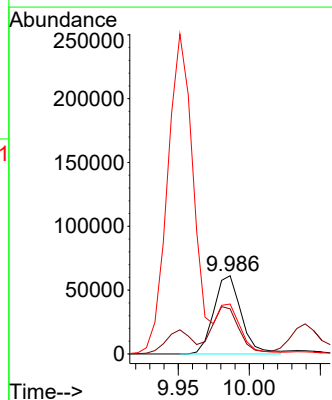
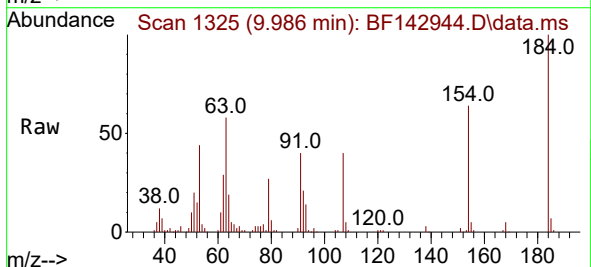
Instrument :
BNA_F
ClientSampleId :
PB168640BSD

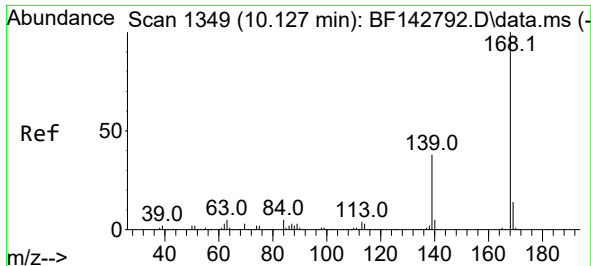
Tgt Ion:138 Resp: 56779
Ion Ratio Lower Upper
138 100
108 10.3 8.1 12.1
92 104.4 85.1 127.7



#54
2,4-Dinitrophenol
Concen: 92.554 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF142944.D
Acq: 01 Jul 2025 12:18

Tgt Ion:184 Resp: 82221
Ion Ratio Lower Upper
184 100
63 57.7 50.6 75.8
154 63.8 51.8 77.8

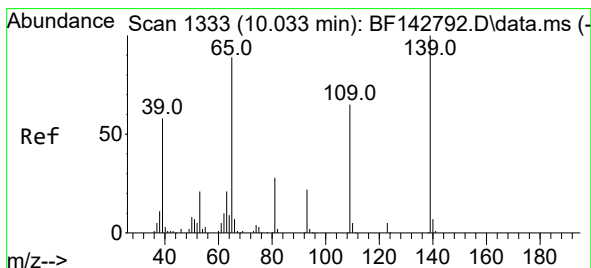
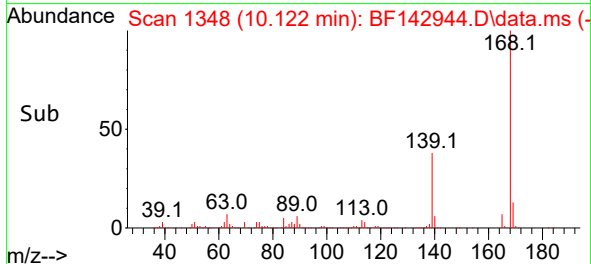
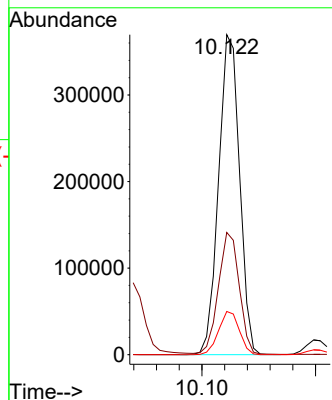
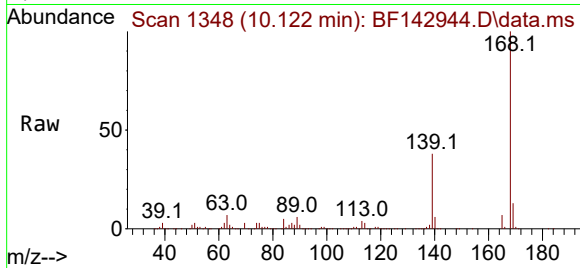




#55
Dibenzenofuran
Concen: 44.471 ng
RT: 10.122 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142944.D
Acq: 01 Jul 2025 12:18

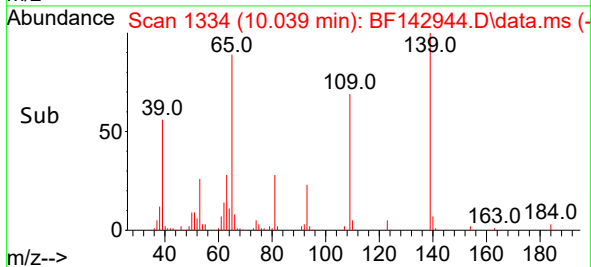
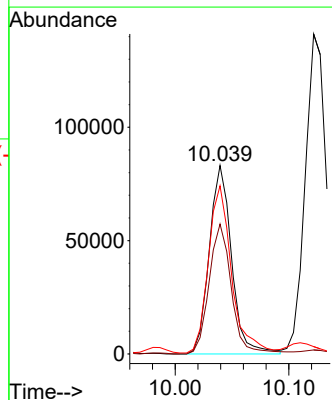
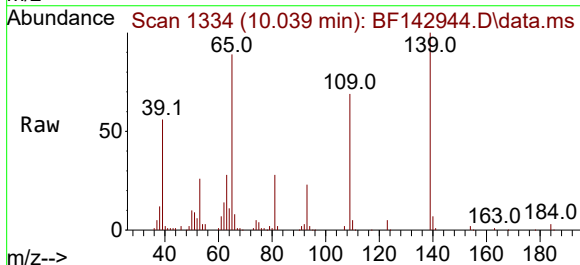
Instrument :
BNA_F
ClientSampleId :
PB168640BSD

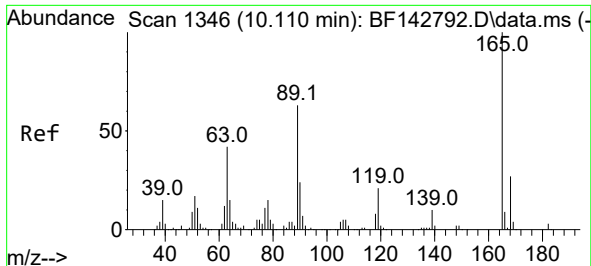
Tgt Ion:168 Resp: 473873
Ion Ratio Lower Upper
168 100
139 38.2 30.2 45.4
169 13.5 10.8 16.2



#56
4-Nitrophenol
Concen: 84.895 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF142944.D
Acq: 01 Jul 2025 12:18

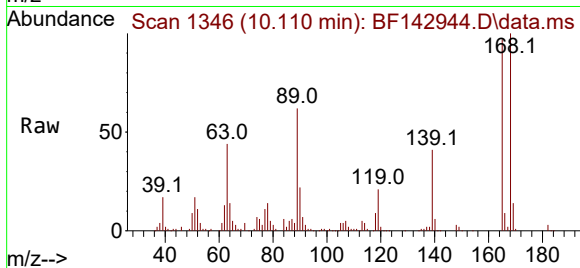
Tgt Ion:139 Resp: 113528
Ion Ratio Lower Upper
139 100
109 68.9 44.7 84.7
65 89.2 69.8 109.8



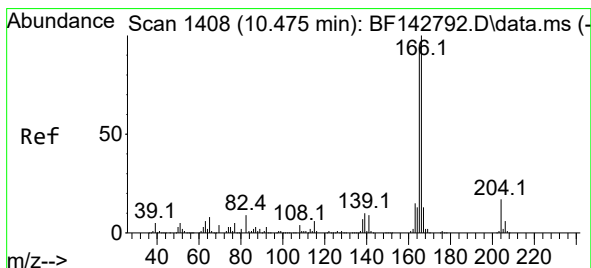
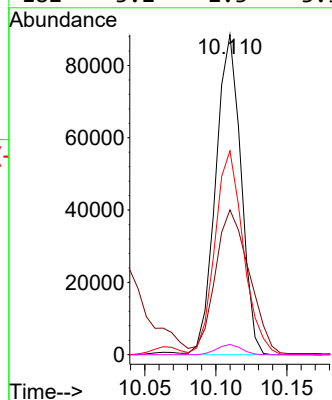
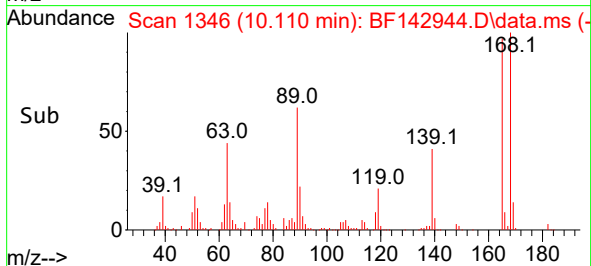


#57
2,4-Dinitrotoluene
Concen: 46.446 ng
RT: 10.110 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142944.D
Acq: 01 Jul 2025 12:18

Instrument :
BNA_F
ClientSampleId :
PB168640BSD

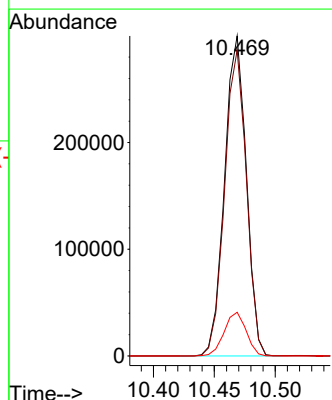
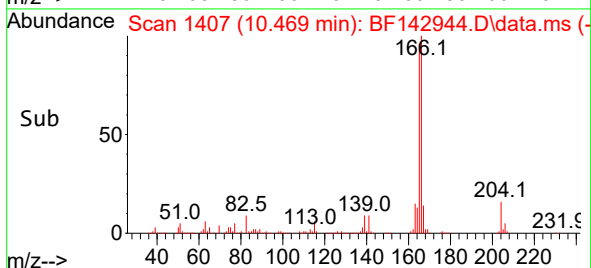
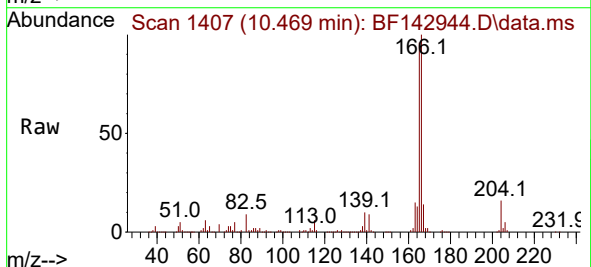


Tgt Ion:165 Resp: 109454
Ion Ratio Lower Upper
165 100
63 45.2 33.9 50.9
89 63.7 50.6 75.8
182 3.2 2.3 3.5



#58
Fluorene
Concen: 44.825 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF142944.D
Acq: 01 Jul 2025 12:18

Tgt Ion:166 Resp: 373029
Ion Ratio Lower Upper
166 100
165 95.6 75.2 112.8
167 13.7 10.6 15.8

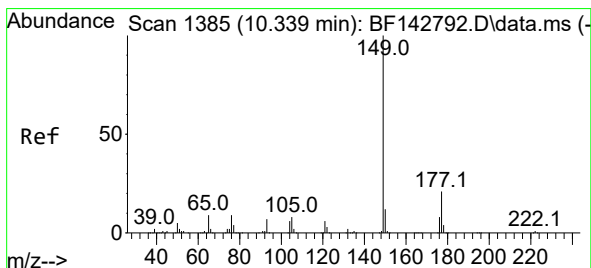
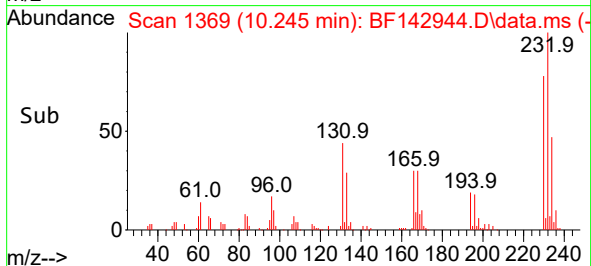
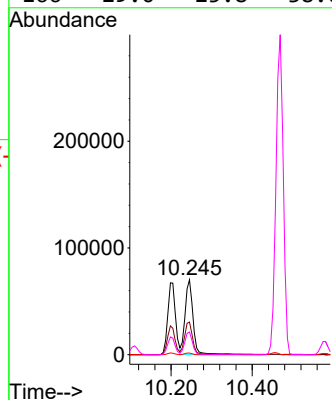
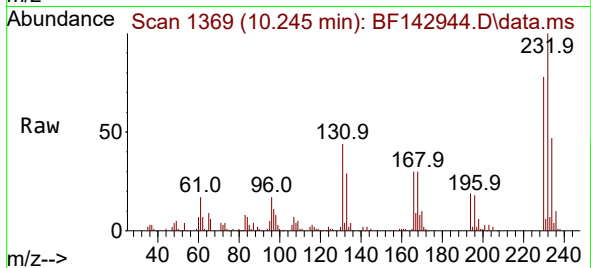




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.582 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF142944.D
Acq: 01 Jul 2025 12:18

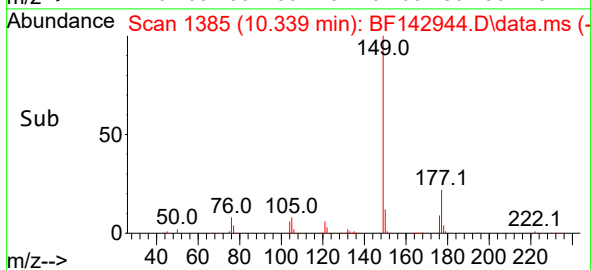
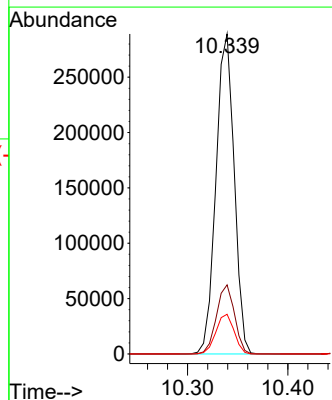
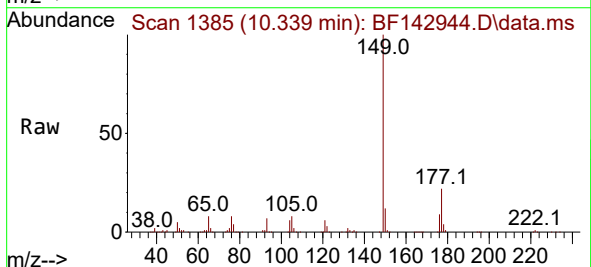
Instrument :
BNA_F
ClientSampleId :
PB168640BSD

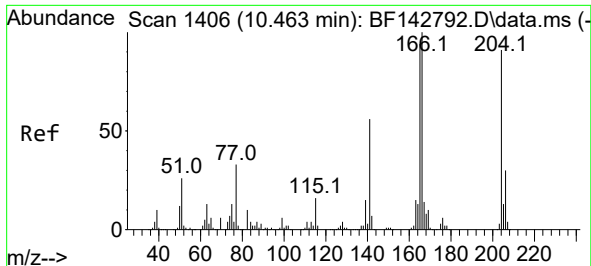
Tgt Ion:232 Resp: 94848
Ion Ratio Lower Upper
232 100
131 43.4 37.6 56.4
130 2.0 1.7 2.5
166 29.0 25.8 38.6



#60
Diethylphthalate
Concen: 45.962 ng
RT: 10.339 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF142944.D
Acq: 01 Jul 2025 12:18

Tgt Ion:149 Resp: 364066
Ion Ratio Lower Upper
149 100
177 21.6 17.0 25.6
150 12.4 9.8 14.6

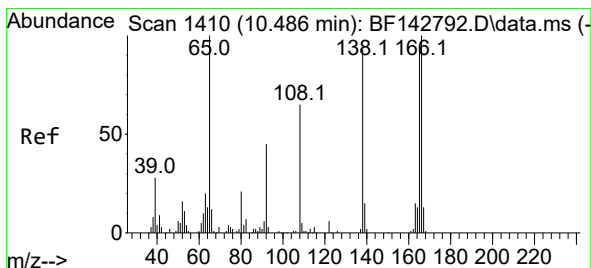
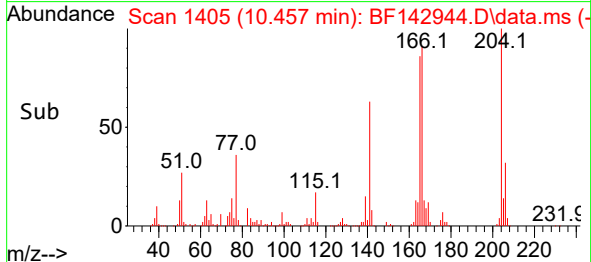
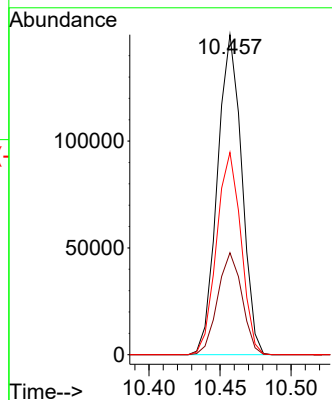
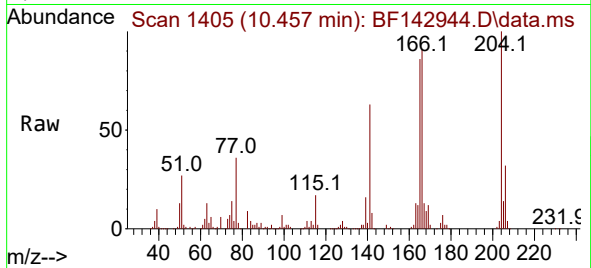




#61
4-Chlorophenyl-phenylether
Concen: 45.004 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF142944.D
Acq: 01 Jul 2025 12:18

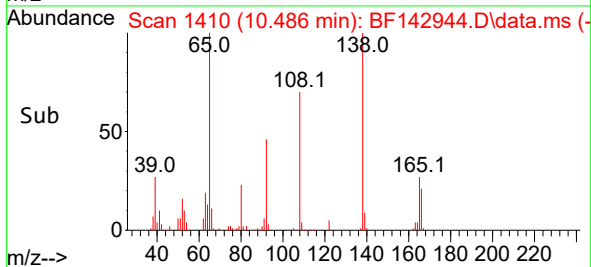
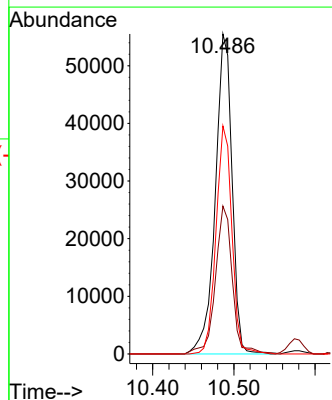
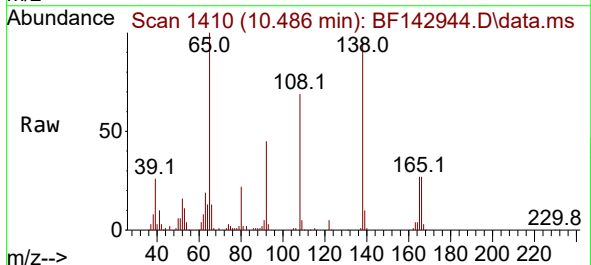
Instrument :
BNA_F
ClientSampleId :
PB168640BSD

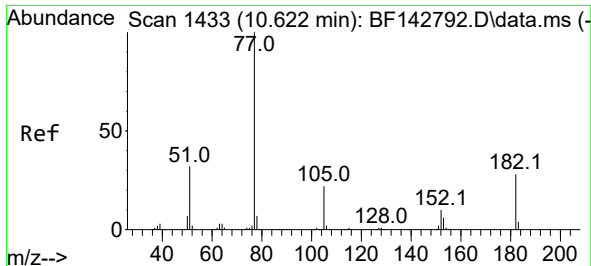
Tgt Ion:204 Resp: 178715
Ion Ratio Lower Upper
204 100
206 31.9 26.3 39.5
141 63.2 49.1 73.7



#62
4-Nitroaniline
Concen: 44.567 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF142944.D
Acq: 01 Jul 2025 12:18

Tgt Ion:138 Resp: 79618
Ion Ratio Lower Upper
138 100
92 46.2 28.4 68.4
108 71.2 50.2 90.2

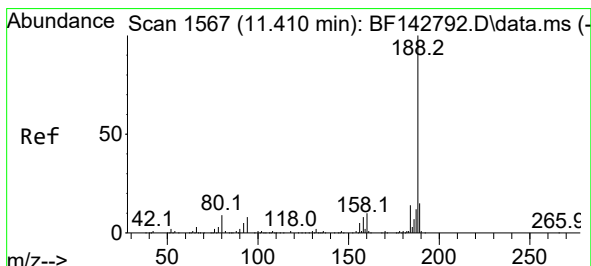
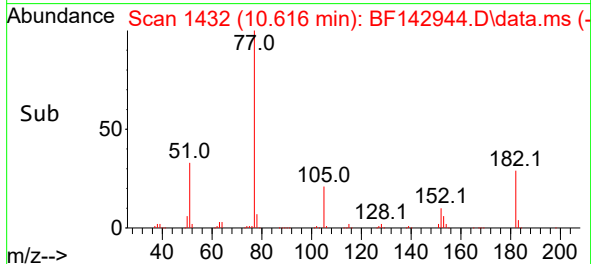
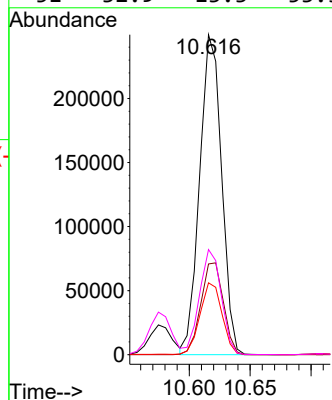
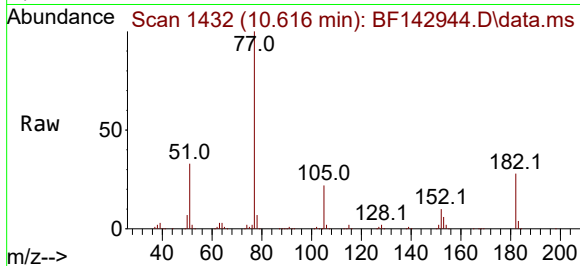




#63
Azobenzene
Concen: 44.308 ng
RT: 10.616 min Scan# 1433
Delta R.T. -0.006 min
Lab File: BF142944.D
Acq: 01 Jul 2025 12:18

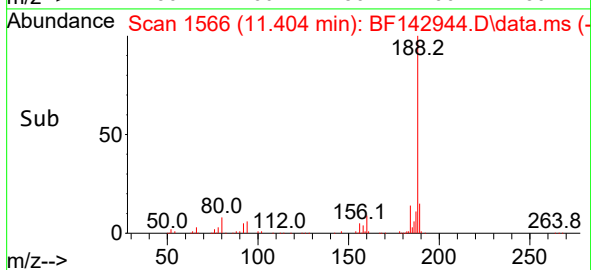
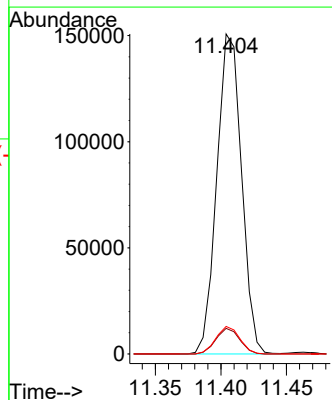
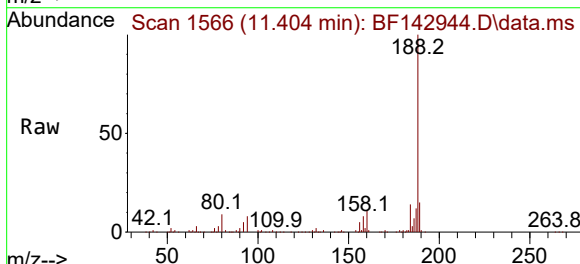
Instrument :
BNA_F
ClientSampleId :
PB168640BSD

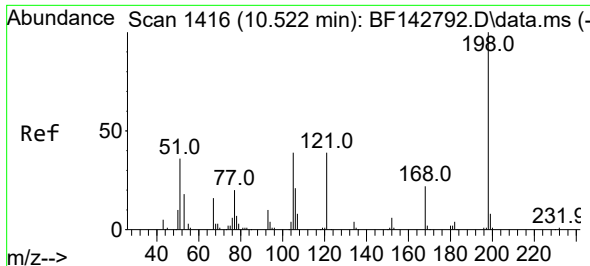
Tgt Ion: 77	Resp: 313679
Ion Ratio	Lower Upper
77 100	
182 28.3	7.7 47.7
105 22.5	1.9 41.9
51 32.9	13.3 53.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF142944.D
Acq: 01 Jul 2025 12:18

Tgt Ion:188	Resp: 197649
Ion Ratio	Lower Upper
188 100	
94 8.0	6.7 10.1
80 8.6	6.9 10.3

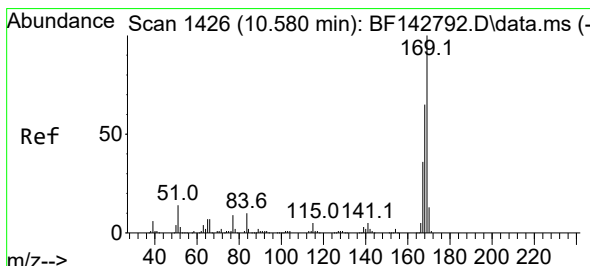
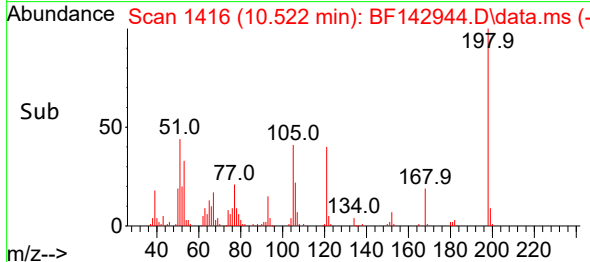
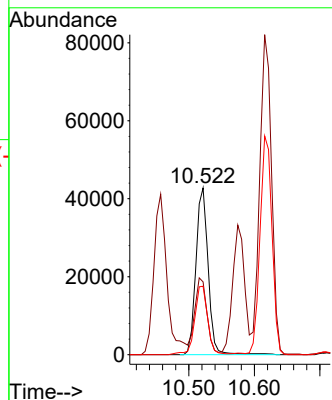
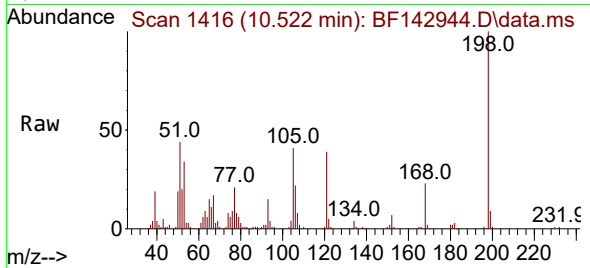




#65
4,6-Dinitro-2-methylphenol
Concen: 46.493 ng
RT: 10.522 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF142944.D
Acq: 01 Jul 2025 12:18

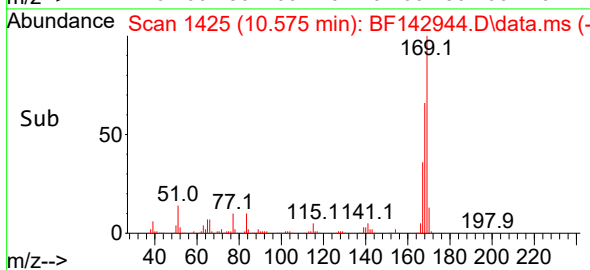
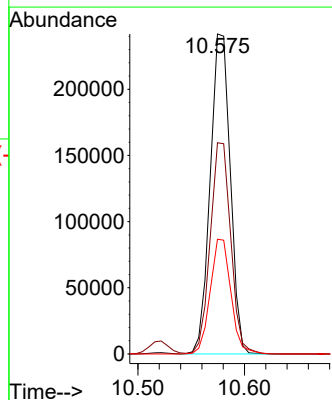
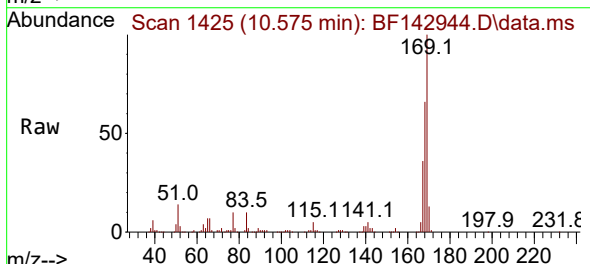
Instrument :
BNA_F
ClientSampleId :
PB168640BSD

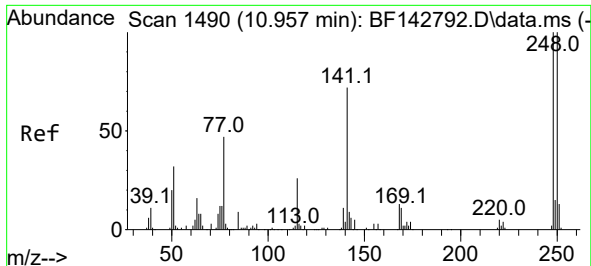
Tgt Ion:198 Resp: 55583
Ion Ratio Lower Upper
198 100
51 43.7 25.4 65.4
105 41.1 20.4 60.4



#66
n-Nitrosodiphenylamine
Concen: 46.179 ng
RT: 10.575 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF142944.D
Acq: 01 Jul 2025 12:18

Tgt Ion:169 Resp: 316326
Ion Ratio Lower Upper
169 100
168 66.0 51.9 77.9
167 35.8 28.5 42.7

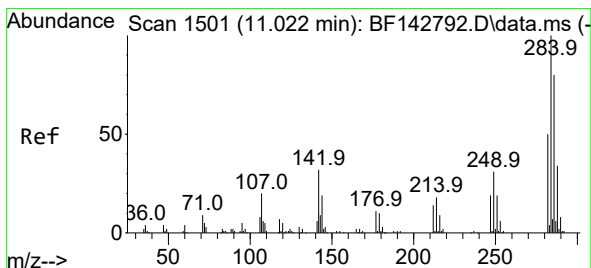
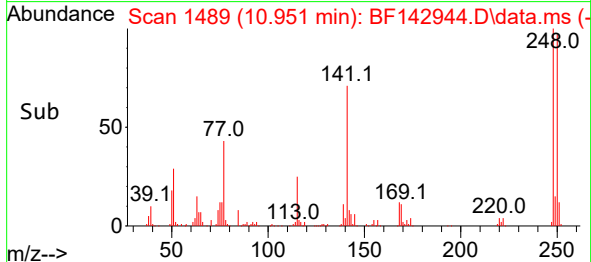
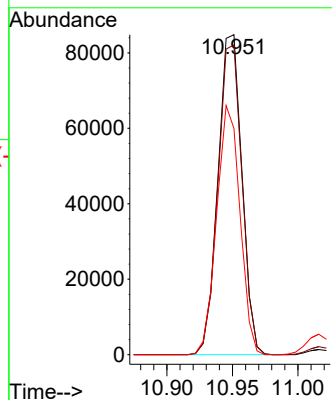
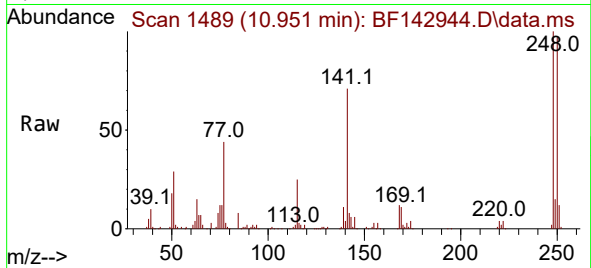




#67
4-Bromophenyl-phenylether
Concen: 47.935 ng
RT: 10.951 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF142944.D
Acq: 01 Jul 2025 12:18

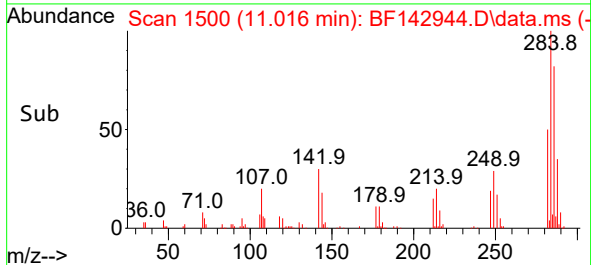
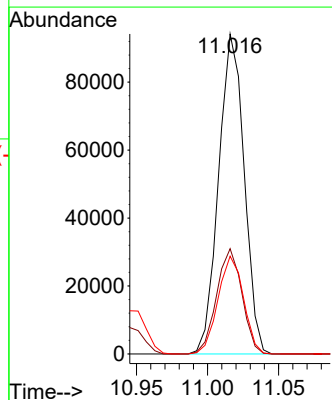
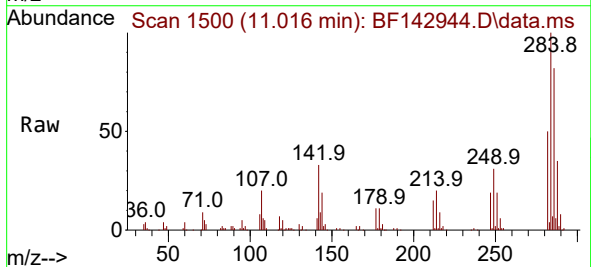
Instrument :
BNA_F
ClientSampleId :
PB168640BSD

Tgt Ion:248 Resp: 107827
Ion Ratio Lower Upper
248 100
250 96.8 79.8 119.8
141 70.7 57.8 86.6



#68
Hexachlorobenzene
Concen: 47.132 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF142944.D
Acq: 01 Jul 2025 12:18

Tgt Ion:284 Resp: 117806
Ion Ratio Lower Upper
284 100
142 32.9 25.5 38.3
249 30.6 24.9 37.3





#69

Atrazine

Concen: 51.618 ng

RT: 11.104 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF142944.D

Acq: 01 Jul 2025 12:18

Instrument :

BNA_F

ClientSampleId :

PB168640BSD

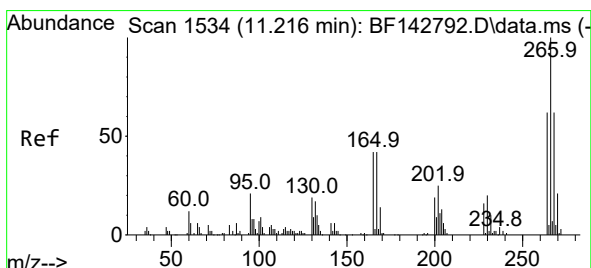
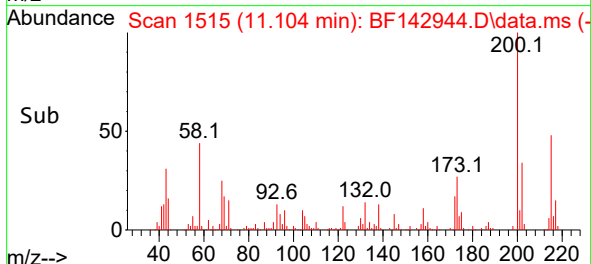
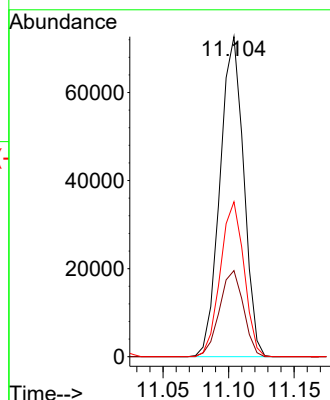
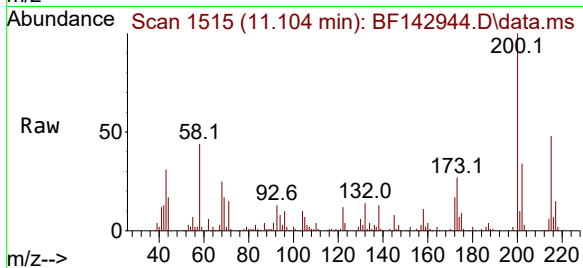
Tgt Ion:200 Resp: 91306

Ion Ratio Lower Upper

200 100

173 26.9 7.4 47.4

215 48.4 28.4 68.4



#70

Pentachlorophenol

Concen: 91.130 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF142944.D

Acq: 01 Jul 2025 12:18

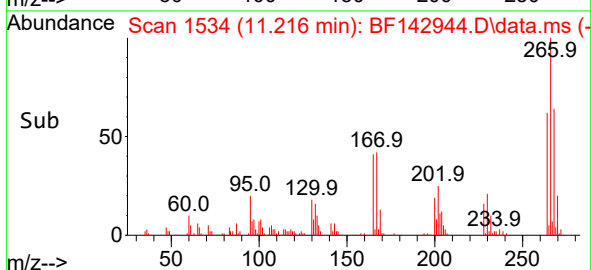
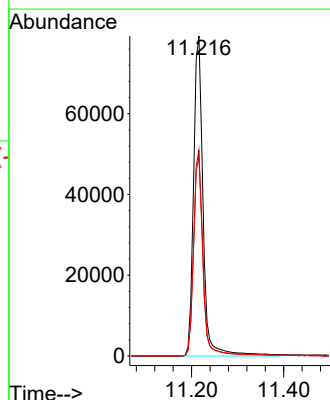
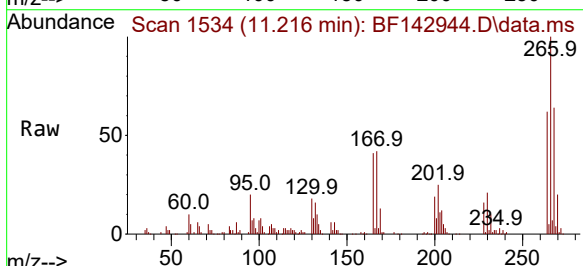
Tgt Ion:266 Resp: 113502

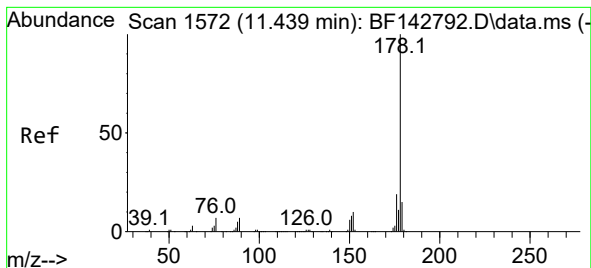
Ion Ratio Lower Upper

266 100

268 64.3 49.8 74.8

264 62.1 49.9 74.9





#71

Phenanthrene

Concen: 45.810 ng

RT: 11.433 min Scan# 1572

Delta R.T. -0.006 min

Lab File: BF142944.D

Acq: 01 Jul 2025 12:18

Instrument :

BNA_F

ClientSampleId :

PB168640BSD

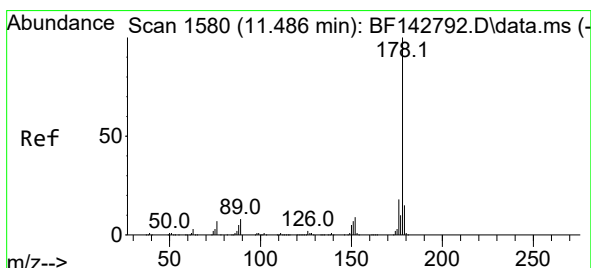
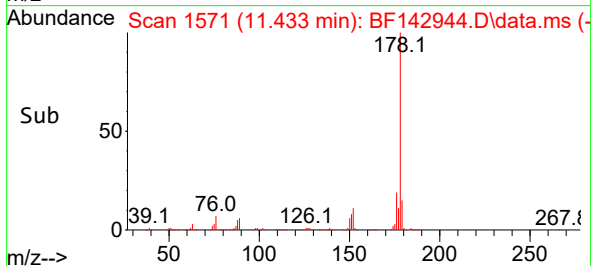
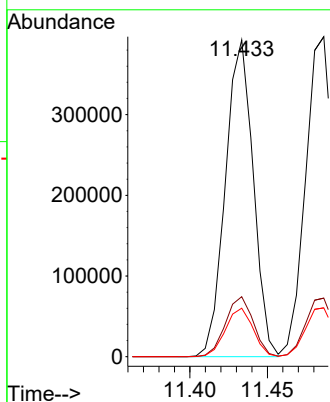
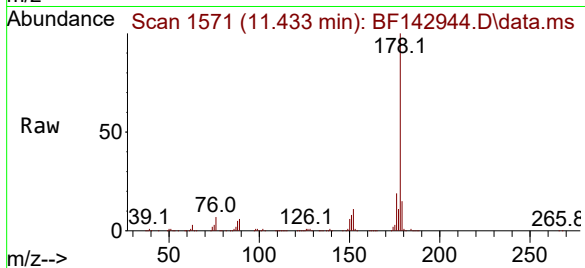
Tgt Ion:178 Resp: 490474

Ion Ratio Lower Upper

178 100

176 19.0 15.1 22.7

179 15.3 12.0 18.0



#72

Anthracene

Concen: 46.137 ng

RT: 11.486 min Scan# 1580

Delta R.T. 0.000 min

Lab File: BF142944.D

Acq: 01 Jul 2025 12:18

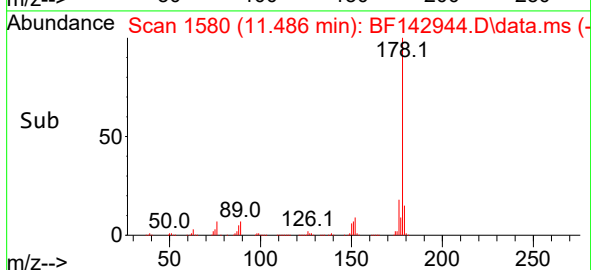
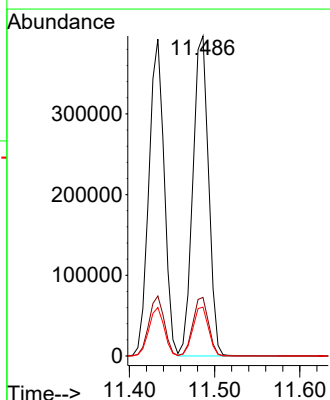
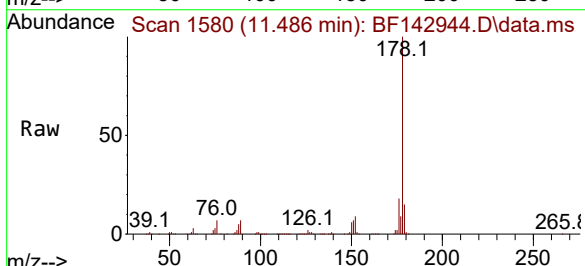
Tgt Ion:178 Resp: 506614

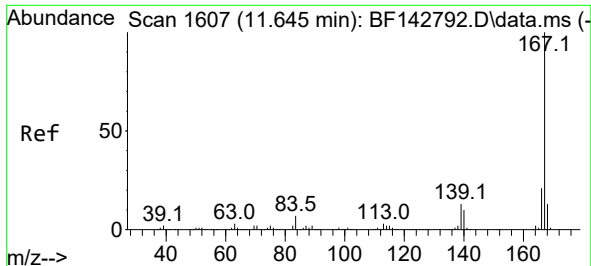
Ion Ratio Lower Upper

178 100

176 18.3 14.6 21.8

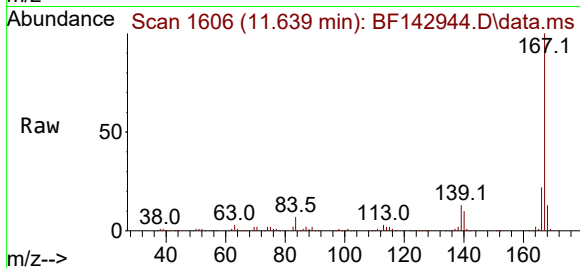
179 15.3 12.4 18.6



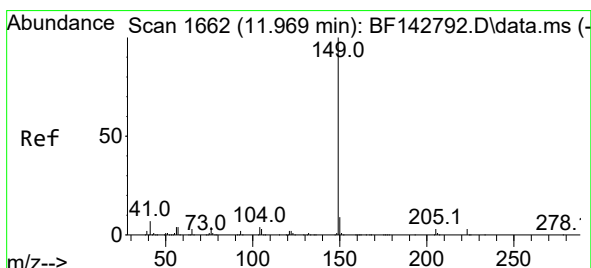
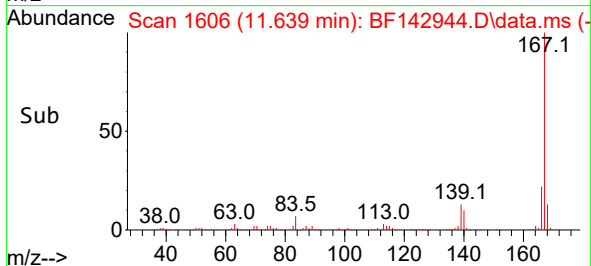
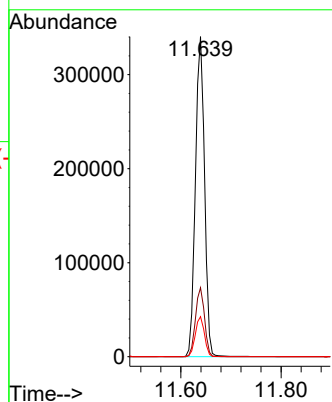


#73
 Carbazole
 Concen: 45.305 ng
 RT: 11.639 min Scan# 1606
 Delta R.T. -0.006 min
 Lab File: BF142944.D
 Acq: 01 Jul 2025 12:18

Instrument :
 BNA_F
 ClientSampleId :
 PB168640BSD

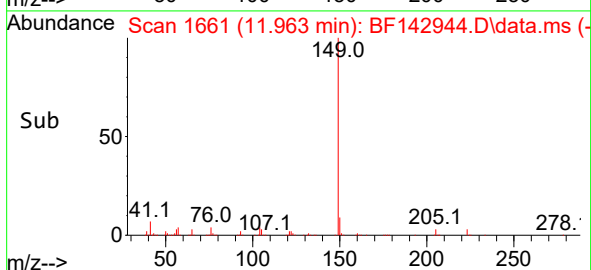
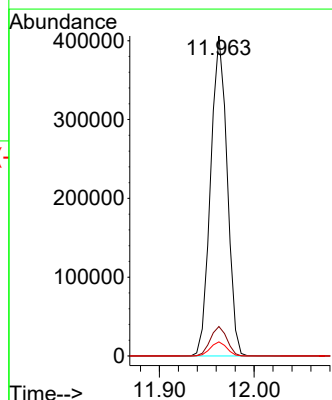
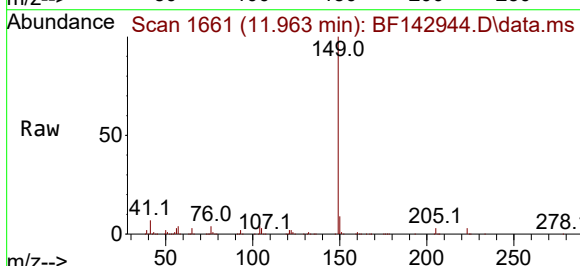


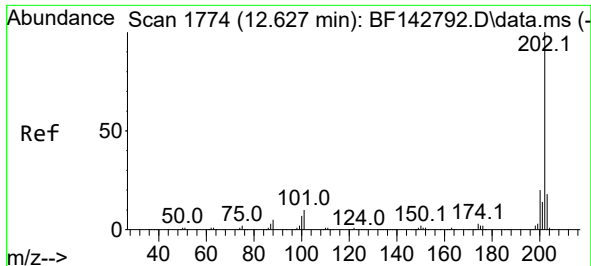
Tgt Ion:167 Resp: 429302
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.0 25.4
 139 12.5 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 49.839 ng
 RT: 11.963 min Scan# 1661
 Delta R.T. -0.006 min
 Lab File: BF142944.D
 Acq: 01 Jul 2025 12:18

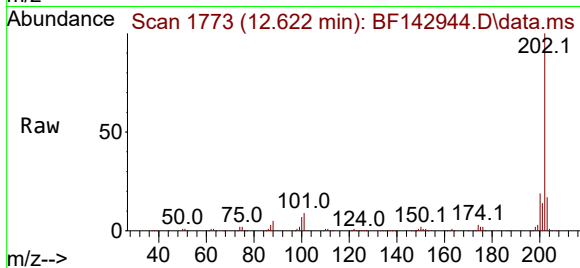
Tgt Ion:149 Resp: 491986
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 4.4 3.5 5.3



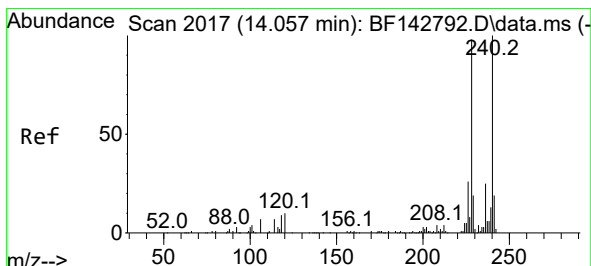
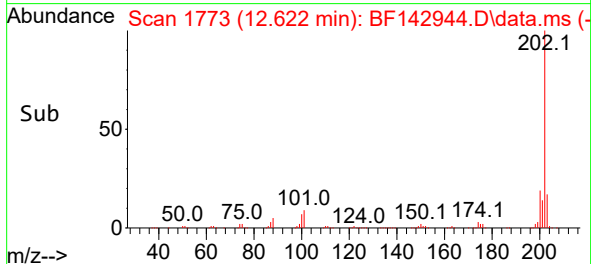
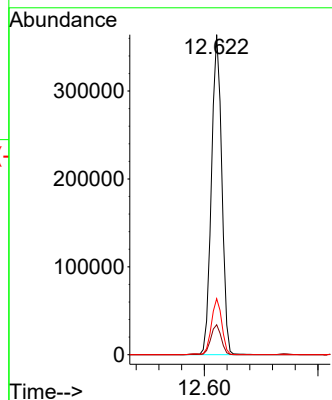


#75
Fluoranthene
Concen: 45.059 ng
RT: 12.622 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142944.D
Acq: 01 Jul 2025 12:18

Instrument :
BNA_F
ClientSampleId :
PB168640BSD

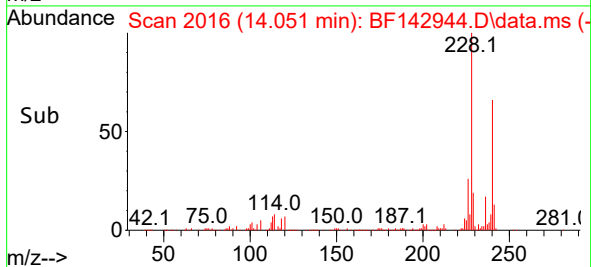
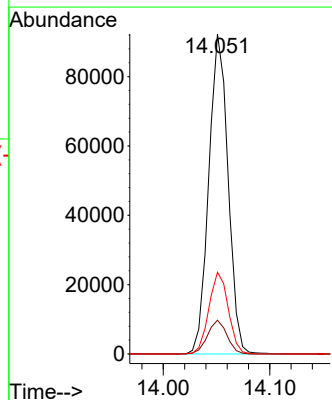
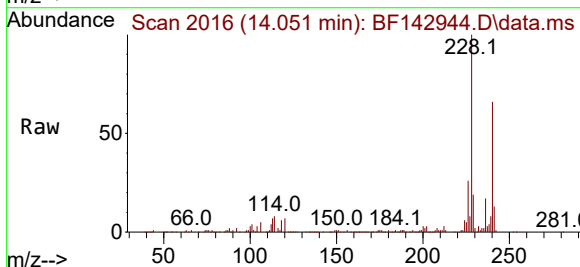


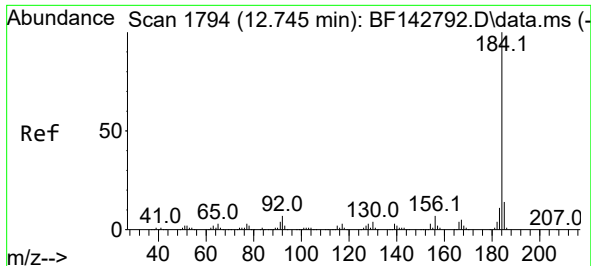
Tgt Ion:202 Resp: 457848
Ion Ratio Lower Upper
202 100
101 9.4 0.0 29.7
203 17.5 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF142944.D
Acq: 01 Jul 2025 12:18

Tgt Ion:240 Resp: 116169
Ion Ratio Lower Upper
240 100
120 10.6 8.2 12.2
236 25.6 19.8 29.8

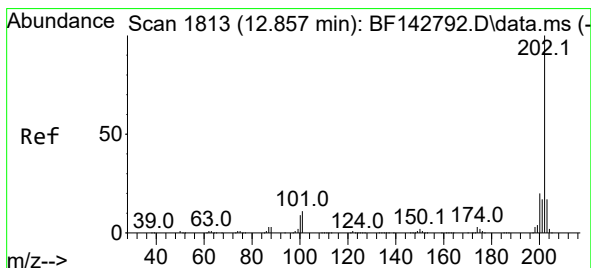
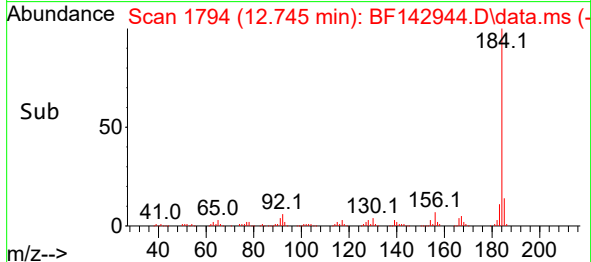
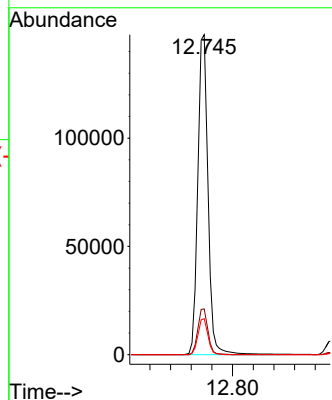
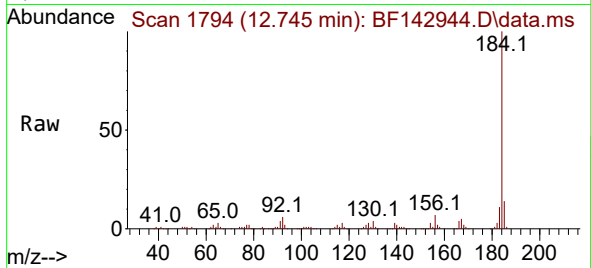




#77
Benzidine
Concen: 46.593 ng
RT: 12.745 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142944.D
Acq: 01 Jul 2025 12:18

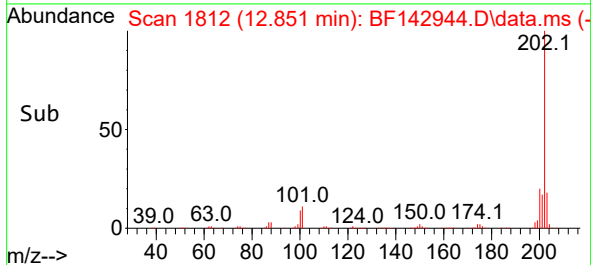
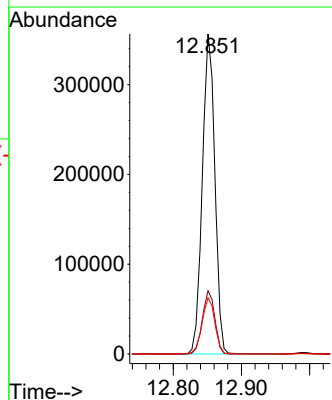
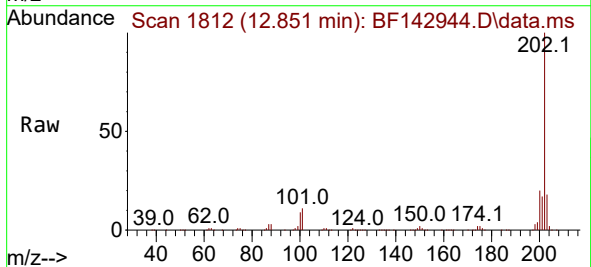
Instrument :
BNA_F
ClientSampleId :
PB168640BSD

Tgt Ion:184 Resp: 203361
Ion Ratio Lower Upper
184 100
185 14.3 11.5 17.3
183 11.2 9.0 13.4



#78
Pyrene
Concen: 41.831 ng
RT: 12.851 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BF142944.D
Acq: 01 Jul 2025 12:18

Tgt Ion:202 Resp: 455495
Ion Ratio Lower Upper
202 100
200 19.8 15.7 23.5
203 17.5 13.8 20.6

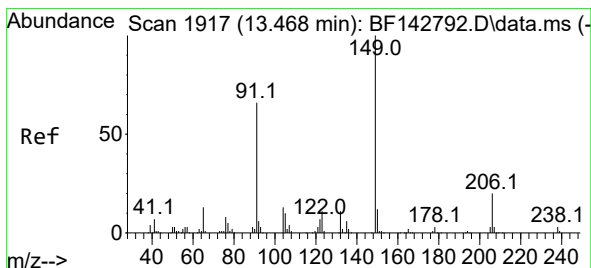
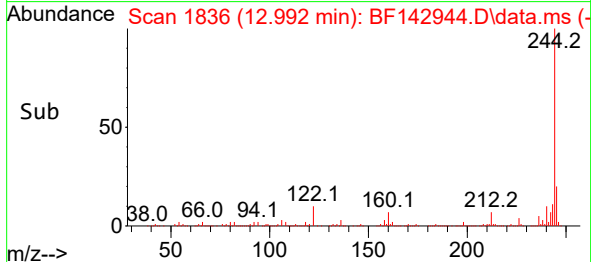
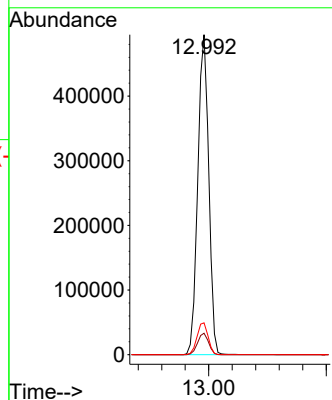
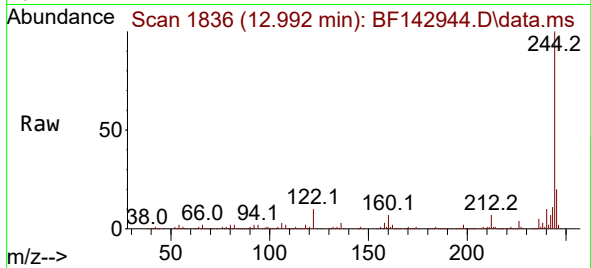




#79
 Terphenyl-d14
 Concen: 75.947 ng
 RT: 12.992 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF142944.D
 Acq: 01 Jul 2025 12:18

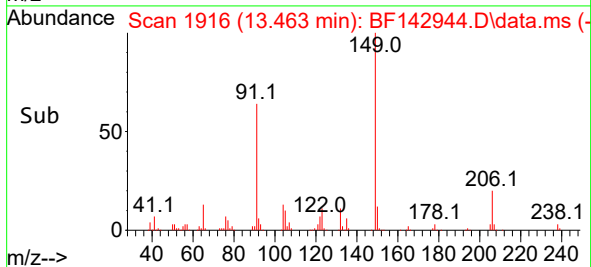
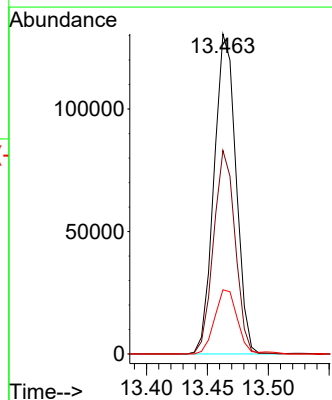
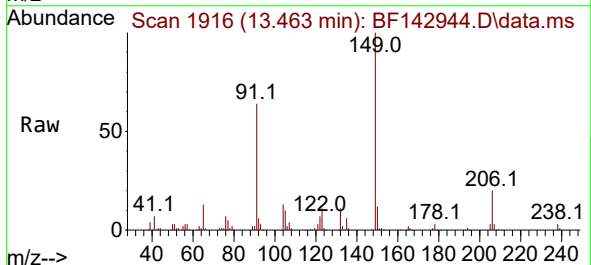
Instrument :
 BNA_F
 ClientSampleId :
 PB168640BSD

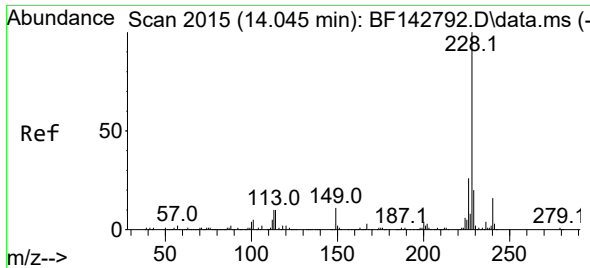
Tgt Ion:244 Resp: 638535
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 10.0 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 52.044 ng
 RT: 13.463 min Scan# 1916
 Delta R.T. -0.006 min
 Lab File: BF142944.D
 Acq: 01 Jul 2025 12:18

Tgt Ion:149 Resp: 164386
 Ion Ratio Lower Upper
 149 100
 91 63.6 52.9 79.3
 206 20.1 16.3 24.5

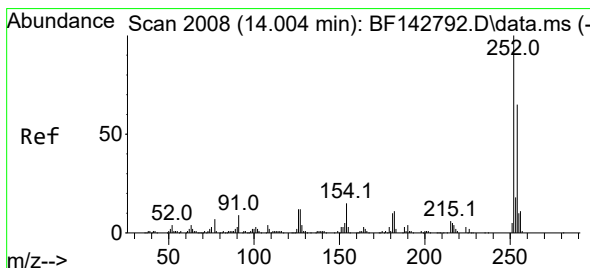
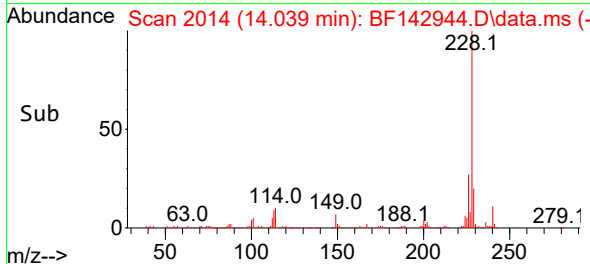
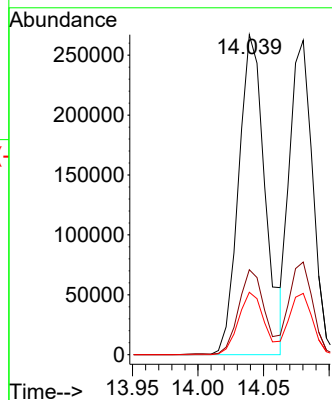
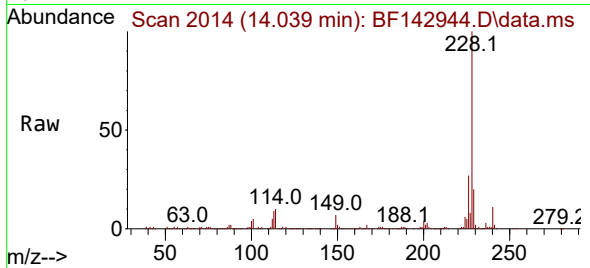




#81
Benzo(a)anthracene
Concen: 47.952 ng
RT: 14.039 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF142944.D
Acq: 01 Jul 2025 12:18

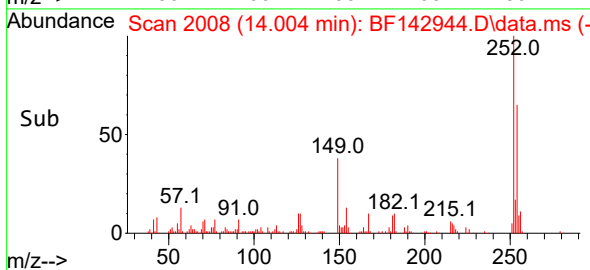
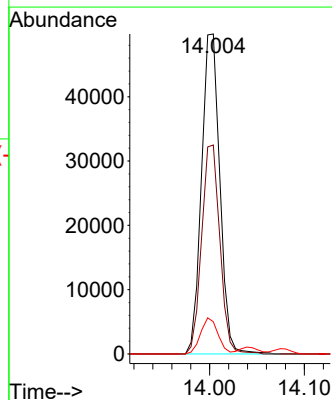
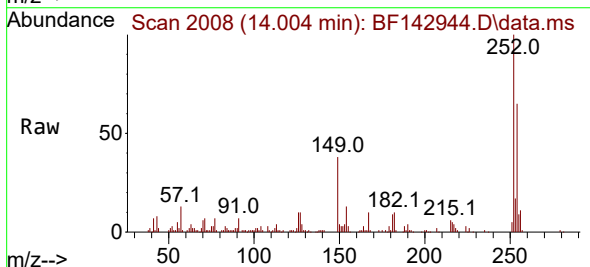
Instrument :
BNA_F
ClientSampleId :
PB168640BSD

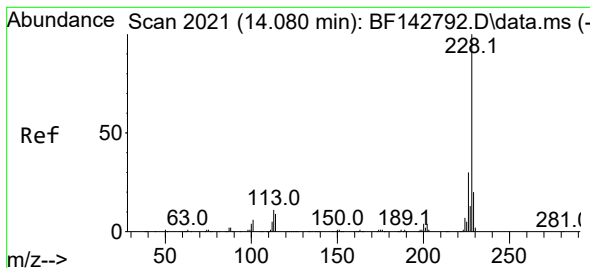
Tgt Ion:228 Resp: 375795
Ion Ratio Lower Upper
228 100
226 26.5 21.2 31.8
229 19.5 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 26.268 ng
RT: 14.004 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BF142944.D
Acq: 01 Jul 2025 12:18

Tgt Ion:252 Resp: 66771
Ion Ratio Lower Upper
252 100
254 65.3 51.7 77.5
126 10.1 9.4 14.2





#83

Chrysene

Concen: 45.755 ng

RT: 14.080 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF142944.D

Acq: 01 Jul 2025 12:18

Instrument :

BNA_F

ClientSampleId :

PB168640BSD

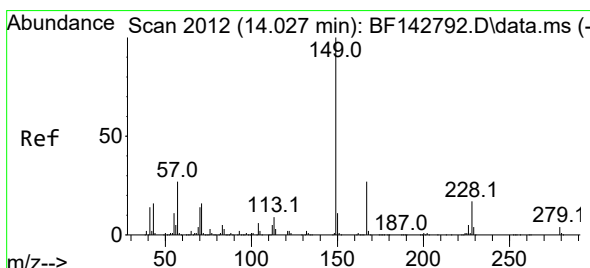
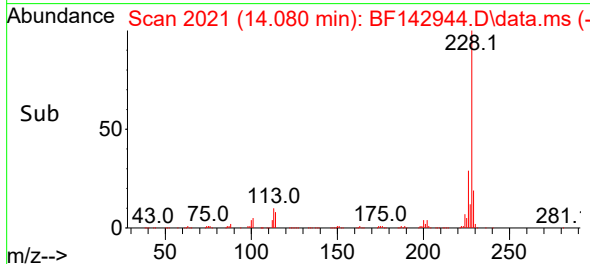
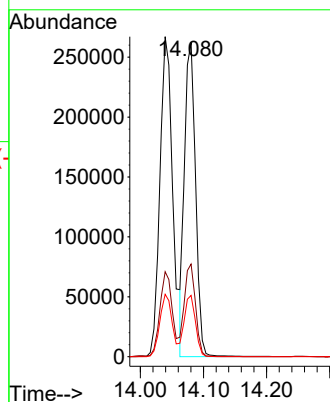
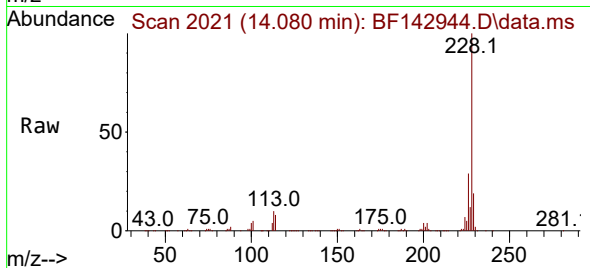
Tgt Ion:228 Resp: 319964

Ion Ratio Lower Upper

228 100

226 29.5 23.7 35.5

229 19.5 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.060 ng

RT: 14.021 min Scan# 2011

Delta R.T. -0.006 min

Lab File: BF142944.D

Acq: 01 Jul 2025 12:18

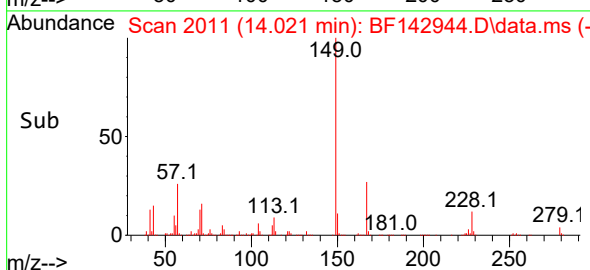
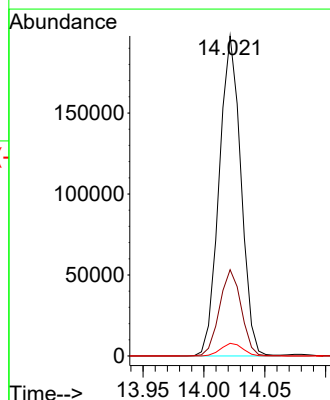
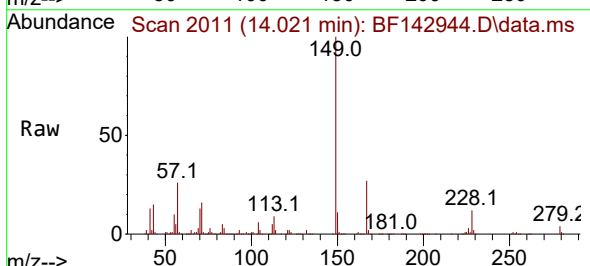
Tgt Ion:149 Resp: 245677

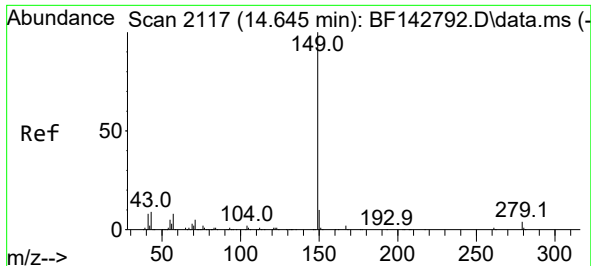
Ion Ratio Lower Upper

149 100

167 26.9 21.4 32.0

279 3.9 3.0 4.6

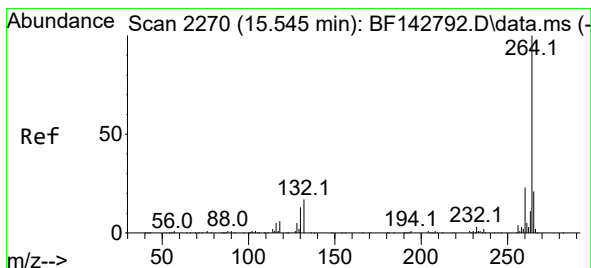
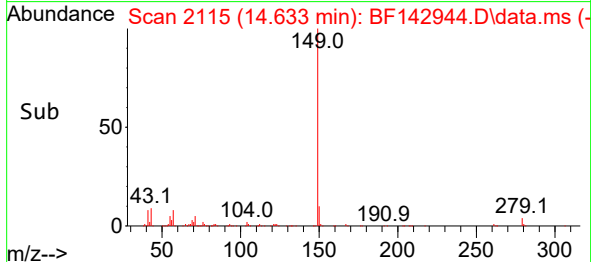
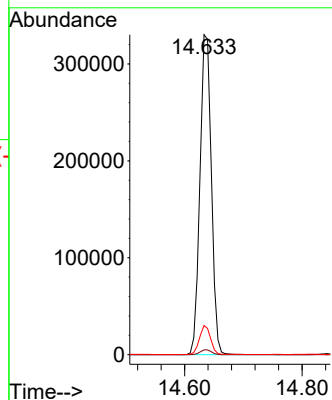
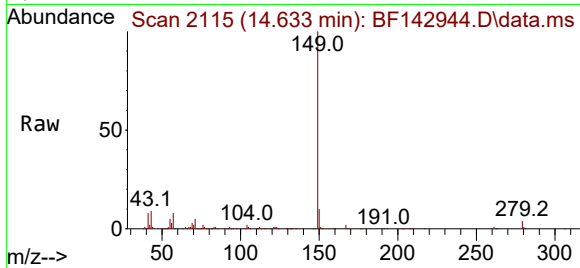




#85
Di-n-octyl phthalate
Concen: 51.937 ng
RT: 14.633 min Scan# 2115
Delta R.T. -0.012 min
Lab File: BF142944.D
Acq: 01 Jul 2025 12:18

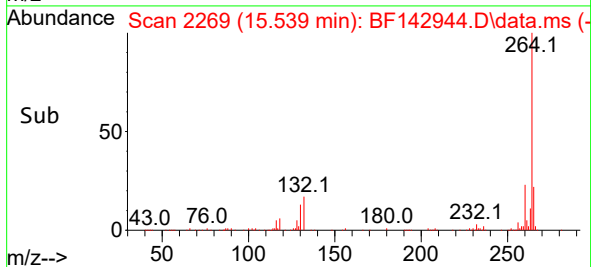
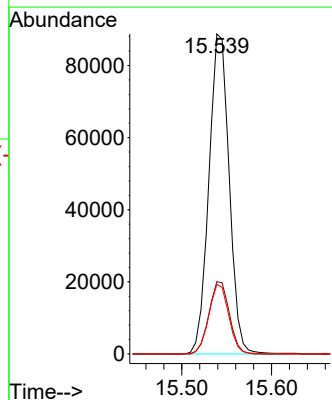
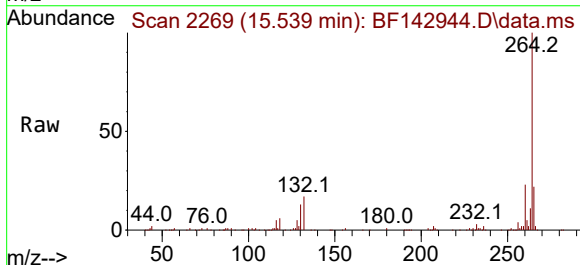
Instrument :
BNA_F
ClientSampleId :
PB168640BSD

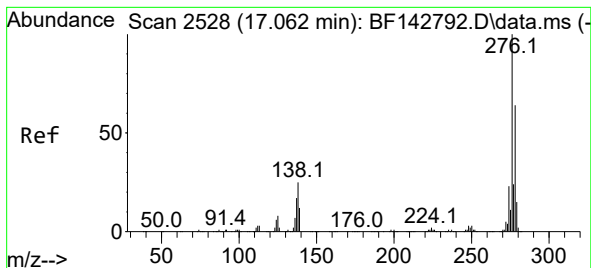
Tgt Ion:149 Resp: 445062
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 8.7 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF142944.D
Acq: 01 Jul 2025 12:18

Tgt Ion:264 Resp: 139461
Ion Ratio Lower Upper
264 100
260 22.6 18.1 27.1
265 21.7 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.071 ng

RT: 17.062 min Scan# 2195

Delta R.T. 0.000 min

Lab File: BF142944.D

Acq: 01 Jul 2025 12:18

Instrument :

BNA_F

ClientSampleId :

PB168640BSD

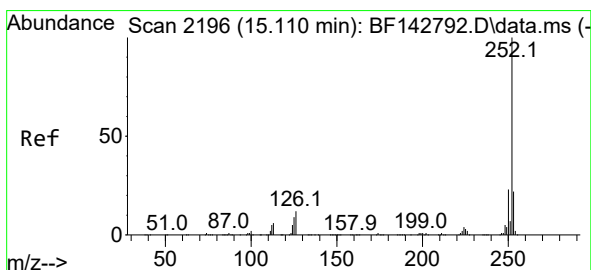
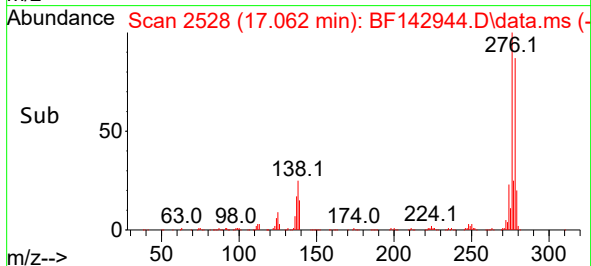
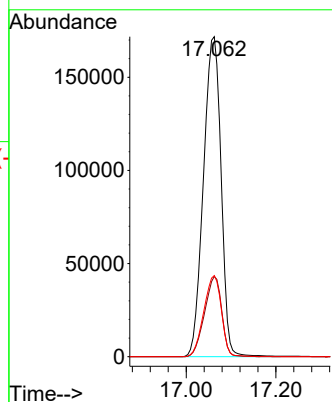
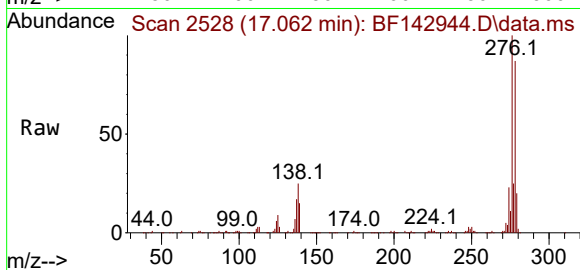
Tgt Ion:276 Resp: 468153

Ion Ratio Lower Upper

276 100

138 24.4 20.2 30.4

277 25.3 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 50.695 ng

RT: 15.104 min Scan# 2195

Delta R.T. -0.006 min

Lab File: BF142944.D

Acq: 01 Jul 2025 12:18

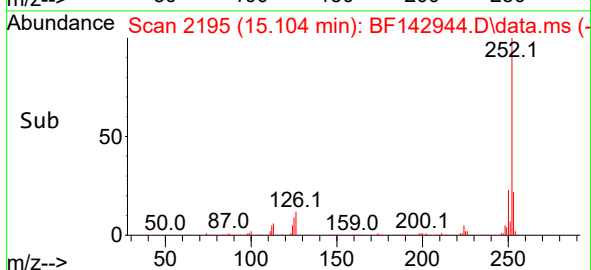
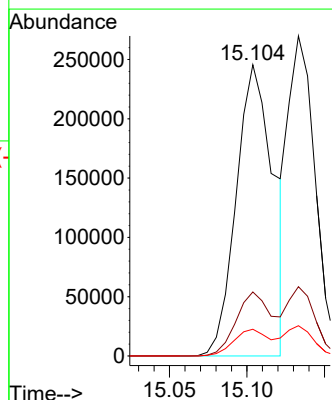
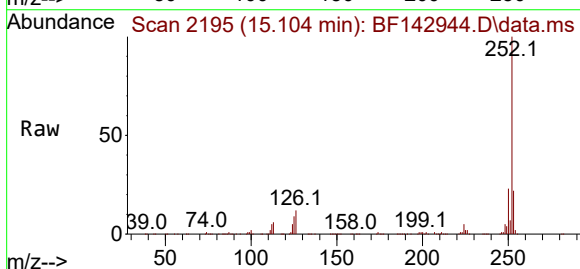
Tgt Ion:252 Resp: 409102

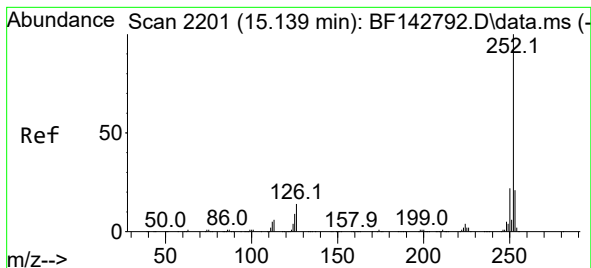
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 9.2 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 43.333 ng

RT: 15.133 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142944.D

Acq: 01 Jul 2025 12:18

Instrument :

BNA_F

ClientSampleId :

PB168640BSD

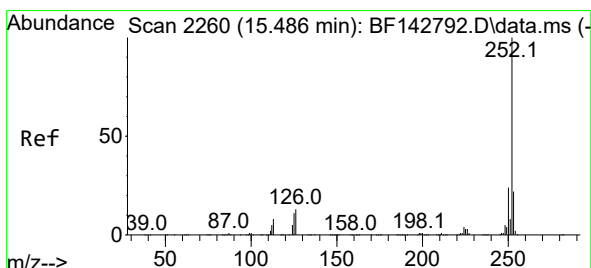
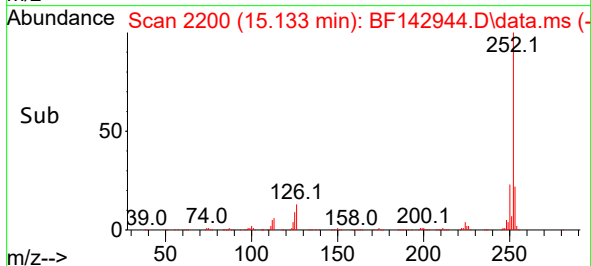
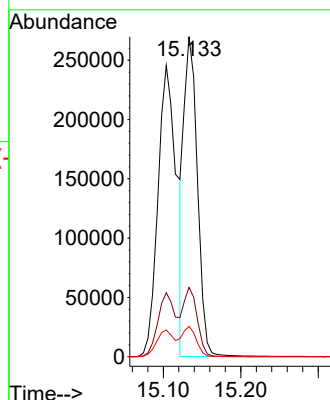
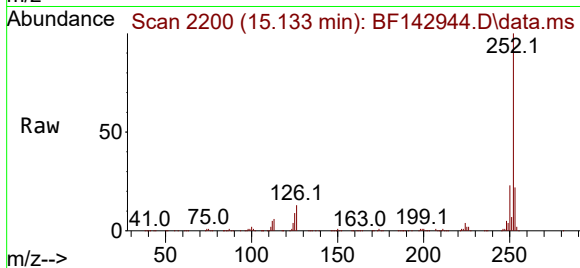
Tgt Ion:252 Resp: 327160

Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

125 9.4 7.4 11.2



#90

Benzo(a)pyrene

Concen: 47.802 ng

RT: 15.480 min Scan# 2259

Delta R.T. -0.006 min

Lab File: BF142944.D

Acq: 01 Jul 2025 12:18

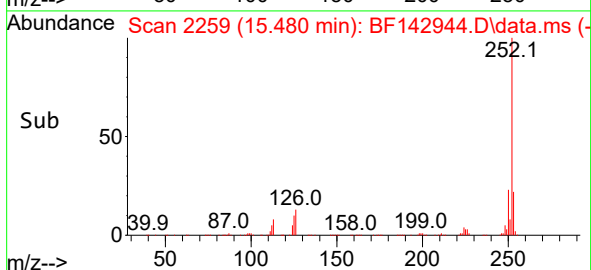
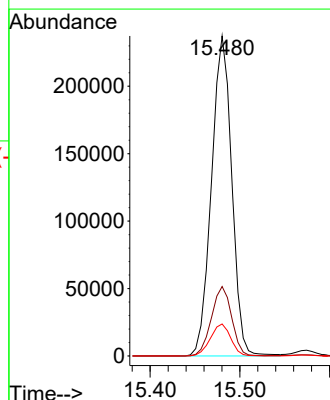
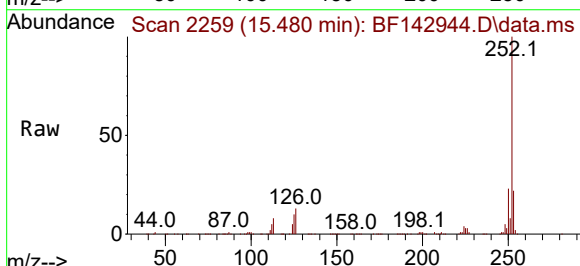
Tgt Ion:252 Resp: 372666

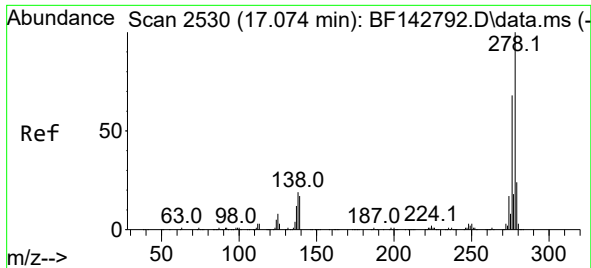
Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

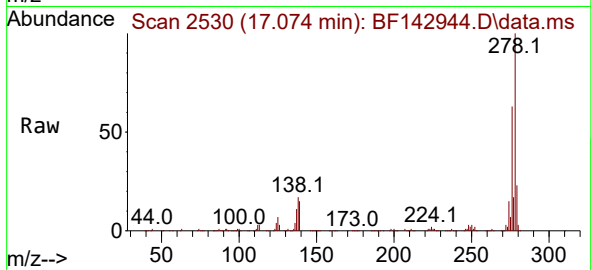
125 10.0 8.6 12.8



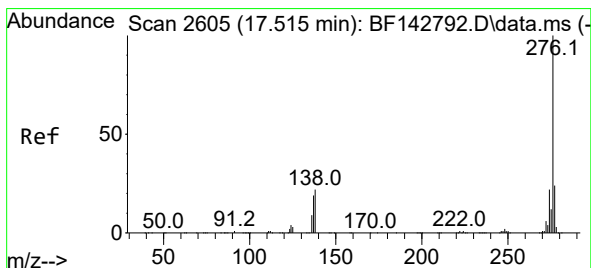
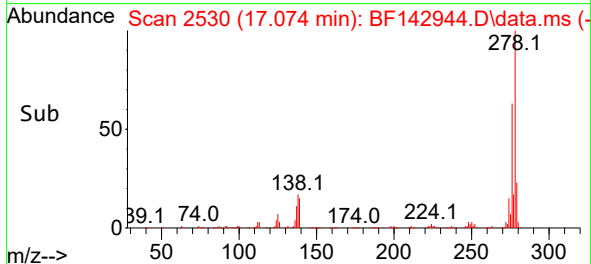
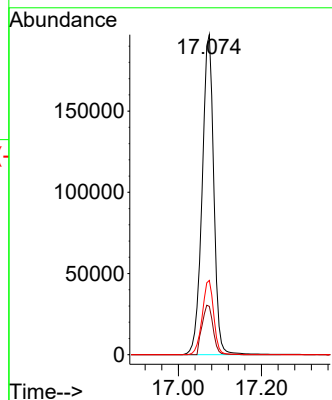


#91
Dibenzo(a,h)anthracene
Concen: 44.500 ng
RT: 17.074 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF142944.D
Acq: 01 Jul 2025 12:18

Instrument :
BNA_F
ClientSampleId :
PB168640BSD



Tgt Ion:278 Resp: 384079
Ion Ratio Lower Upper
278 100
139 15.1 13.5 20.3
279 23.2 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 43.823 ng
RT: 17.515 min Scan# 2605
Delta R.T. 0.000 min
Lab File: BF142944.D
Acq: 01 Jul 2025 12:18

Tgt Ion:276 Resp: 377165
Ion Ratio Lower Upper
276 100
277 23.4 18.8 28.2
138 20.7 17.6 26.4

