

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032425\
 Data File : BF142045.D
 Acq On : 24 Mar 2025 10:17
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 24 11:25:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	161989	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	619308	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	352913	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	604220	20.000	ng	0.00
76) Chrysene-d12	14.039	240	331741	20.000	ng	0.00
86) Perylene-d12	15.510	264	322359	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	735300	75.757	ng	0.00
7) Phenol-d6	6.498	99	922026	74.611	ng	0.00
23) Nitrobenzene-d5	7.440	82	848029	77.060	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	358850	80.151	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1740796	75.016	ng	0.00
79) Terphenyl-d14	12.980	244	1822970	81.243	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.640	88	152614	37.527	ng	98
3) Pyridine	3.405	79	360104	36.098	ng	98
4) n-Nitrosodimethylamine	3.357	42	166334	34.979	ng	96
6) Aniline	6.540	93	442756	36.318	ng	99
8) 2-Chlorophenol	6.657	128	405391	37.659	ng	99
9) Benzaldehyde	6.428	77	262503	37.981	ng	98
10) Phenol	6.516	94	483881	37.219	ng	99
11) bis(2-Chloroethyl)ether	6.610	93	353658	36.228	ng	99
12) 1,3-Dichlorobenzene	6.816	146	444052	38.209	ng	99
13) 1,4-Dichlorobenzene	6.893	146	448633	38.153	ng	99
14) 1,2-Dichlorobenzene	7.045	146	418727	37.807	ng	99
15) Benzyl Alcohol	7.016	79	364909	36.525	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	389497	33.049	ng	98
17) 2-Methylphenol	7.122	107	312878	36.555	ng	99
18) Hexachloroethane	7.387	117	165432	37.518	ng	95
19) n-Nitroso-di-n-propyla...	7.287	70	266964	33.620	ng	99
20) 3+4-Methylphenols	7.275	107	402505	36.715	ng	96
22) Acetophenone	7.287	105	552268	37.237	ng	98
24) Nitrobenzene	7.457	77	415092	37.942	ng	97
25) Isophorone	7.692	82	702719	36.124	ng	100
26) 2-Nitrophenol	7.769	139	219318	40.846	ng	99
27) 2,4-Dimethylphenol	7.804	122	280989	38.005	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	444684	36.447	ng	99
29) 2,4-Dichlorophenol	8.010	162	360124	39.242	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	395612	39.118	ng	98
31) Naphthalene	8.181	128	1218411	38.299	ng	100
32) Benzoic acid	7.916	122	257302	39.590	ng	98
33) 4-Chloroaniline	8.228	127	420711	37.462	ng	97
34) Hexachlorobutadiene	8.292	225	261640	39.670	ng	98
35) Caprolactam	8.592	113	104230	37.253	ng	94
36) 4-Chloro-3-methylphenol	8.704	107	381426	37.259	ng	96
37) 2-Methylnaphthalene	8.869	142	807595	37.979	ng	100
38) 1-Methylnaphthalene	8.969	142	782664	38.142	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	418232	38.924	ng	98
41) Hexachlorocyclopentadiene	9.022	237	149876	35.642	ng	100
43) 2,4,6-Trichlorophenol	9.145	196	268181	38.191	ng	100

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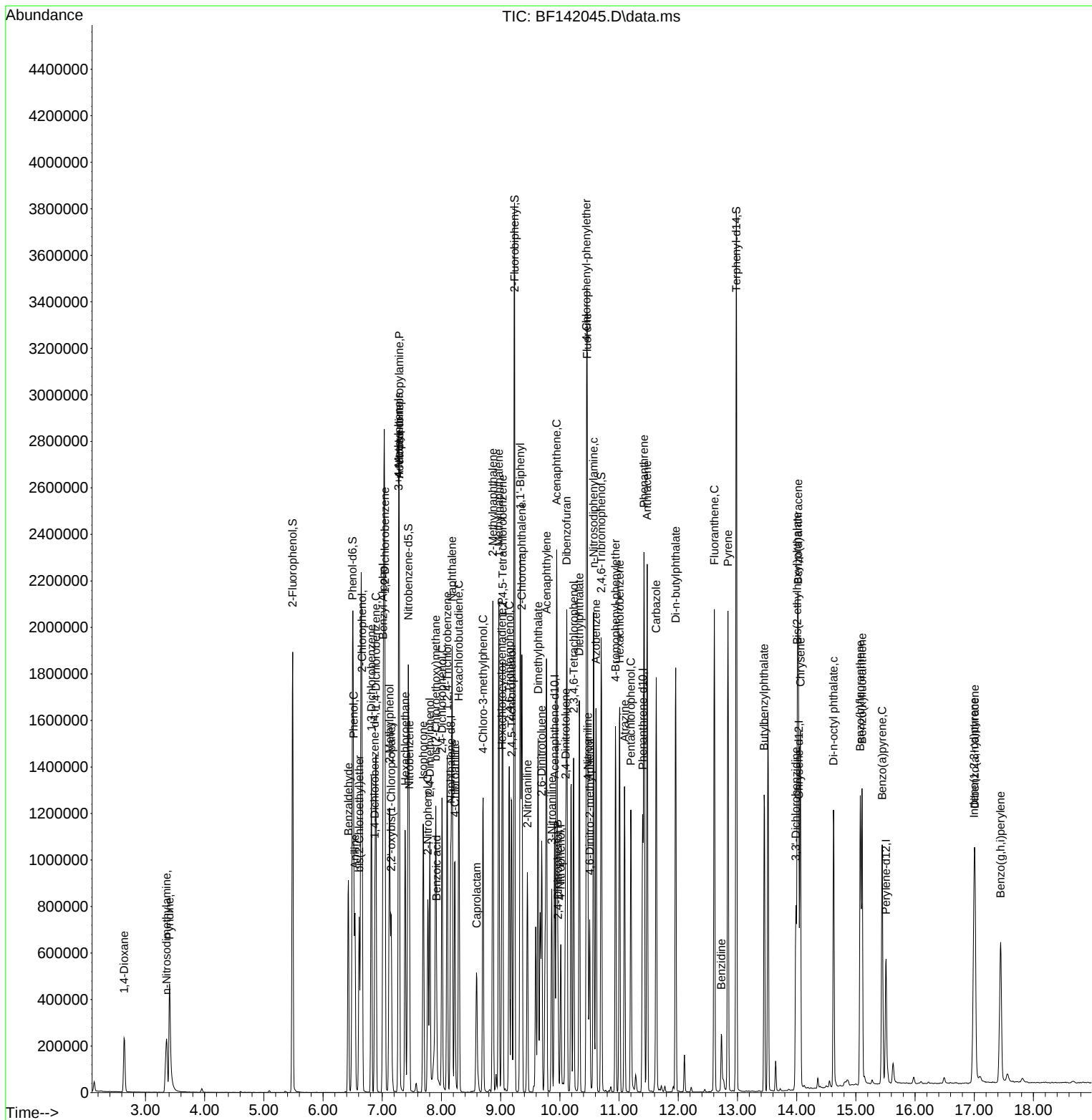
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 24 11:25:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	284279	39.971	ng	97
46) 1,1'-Biphenyl	9.334	154	1015056	37.854	ng	99
47) 2-Chloronaphthalene	9.357	162	766461	38.349	ng	98
48) 2-Nitroaniline	9.451	65	215566	37.251	ng	97
49) Acenaphthylene	9.775	152	1125339	37.942	ng	100
50) Dimethylphthalate	9.634	163	924114	37.393	ng	100
51) 2,6-Dinitrotoluene	9.692	165	202089	39.274	ng	94
52) Acenaphthene	9.945	154	798202	38.296	ng	99
53) 3-Nitroaniline	9.863	138	193742	37.118	ng	97
54) 2,4-Dinitrophenol	9.969	184	101847	38.547	ng	# 49
55) Dibenzofuran	10.116	168	1123145	37.712	ng	99
56) 4-Nitrophenol	10.016	139	146564	37.235	ng	94
57) 2,4-Dinitrotoluene	10.098	165	265981	39.576	ng	95
58) Fluorene	10.463	166	865754	37.695	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	254833	39.376	ng	97
60) Diethylphthalate	10.328	149	918617	37.278	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	446837	37.317	ng	98
62) 4-Nitroaniline	10.475	138	181676	35.752	ng	97
63) Azobenzene	10.610	77	826070	36.056	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	148864	41.328	ng	97
66) n-Nitrosodiphenylamine	10.569	169	730755	37.373	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	294619	38.825	ng	97
68) Hexachlorobenzene	11.010	284	338311	40.650	ng	93
69) Atrazine	11.092	200	246297	41.090	ng	99
70) Pentachlorophenol	11.198	266	208789	40.717	ng	100
71) Phenanthrene	11.422	178	1243190	38.093	ng	99
72) Anthracene	11.475	178	1252218	38.245	ng	99
73) Carbazole	11.628	167	1020033	36.123	ng	100
74) Di-n-butylphthalate	11.957	149	1341741	35.811	ng	99
75) Fluoranthene	12.610	202	1214625	35.085	ng	99
77) Benzidine	12.727	184	171026	36.951	ng	100
78) Pyrene	12.839	202	1198573	41.768	ng	99
80) Butylbenzylphthalate	13.451	149	425748	37.906	ng	99
81) Benzo(a)anthracene	14.027	228	834550	38.337	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	248290	39.468	ng	100
83) Chrysene	14.063	228	751793	38.099	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	554591	35.812	ng	99
85) Di-n-octyl phthalate	14.621	149	833563	38.685	ng	98
87) Indeno(1,2,3-cd)pyrene	16.998	276	724070	34.723	ng	98
88) Benzo(b)fluoranthene	15.074	252	848296	38.396	ng	100
89) Benzo(k)fluoranthene	15.104	252	654042	34.593	ng	100
90) Benzo(a)pyrene	15.445	252	657995	38.063	ng	100
91) Dibenzo(a,h)anthracene	17.010	278	581442	33.794	ng	99
92) Benzo(g,h,i)perylene	17.445	276	584456	34.375	ng	98

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

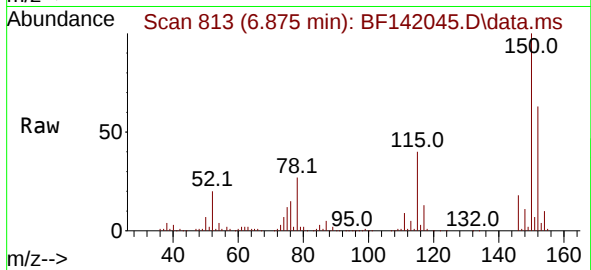
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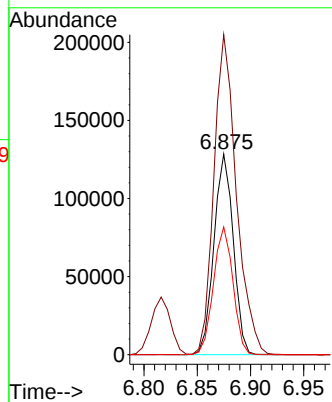
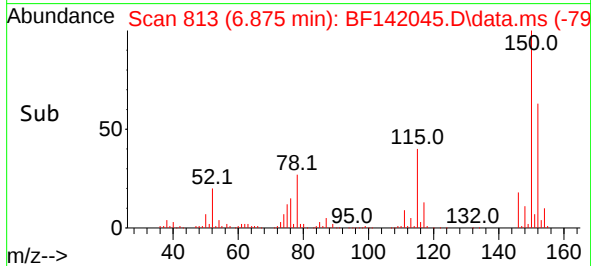


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF142045.D
 Acq: 24 Mar 2025 10:17

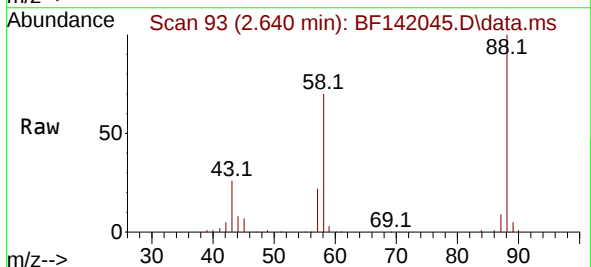
Instrument :
 BNA_F
 ClientSampleId :



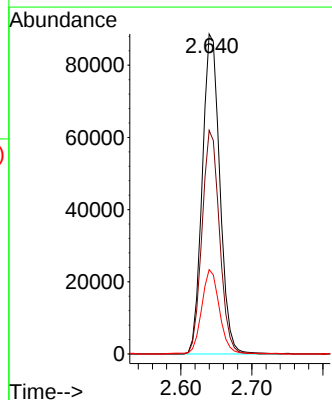
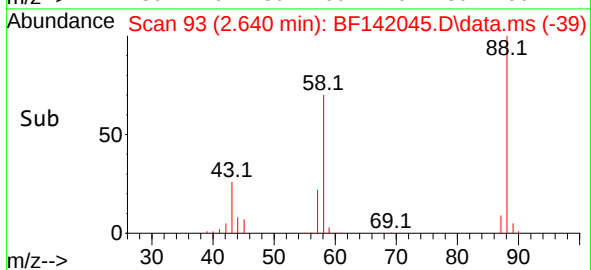
Tgt Ion:152 Resp: 161989
 Ion Ratio Lower Upper
 152 100
 150 159.5 127.4 191.2
 115 63.7 51.9 77.9

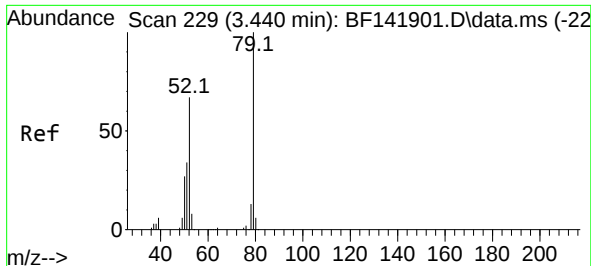


#2
 1,4-Dioxane
 Concen: 37.527 ng
 RT: 2.640 min Scan# 93
 Delta R.T. -0.035 min
 Lab File: BF142045.D
 Acq: 24 Mar 2025 10:17



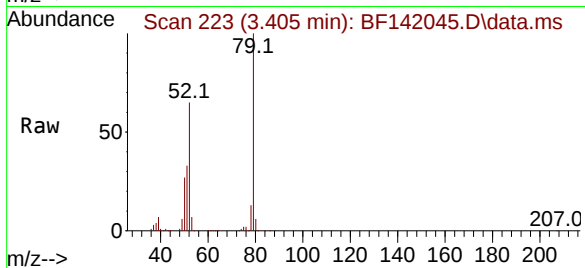
Tgt Ion: 88 Resp: 152614
 Ion Ratio Lower Upper
 88 100
 58 69.6 57.4 86.2
 43 26.9 21.5 32.3





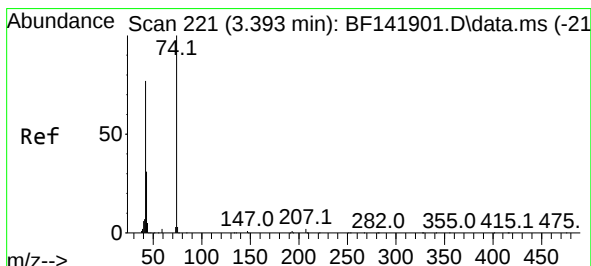
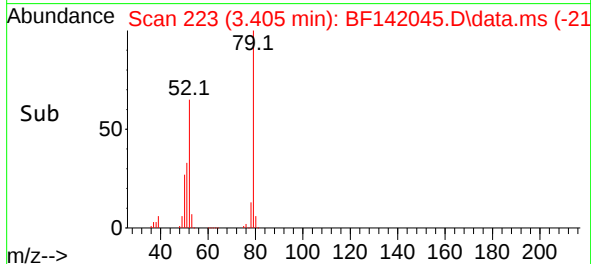
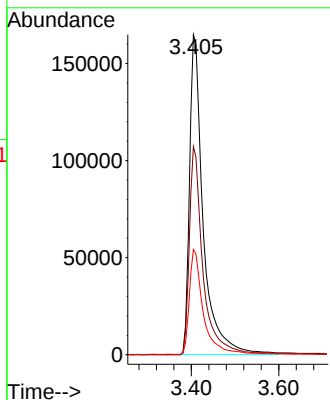
#3
 Pyridine
 Concen: 36.098 ng
 RT: 3.405 min Scan# 21
 Delta R.T. -0.035 min
 Lab File: BF142045.D
 Acq: 24 Mar 2025 10:17

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion: 79 Resp: 360104

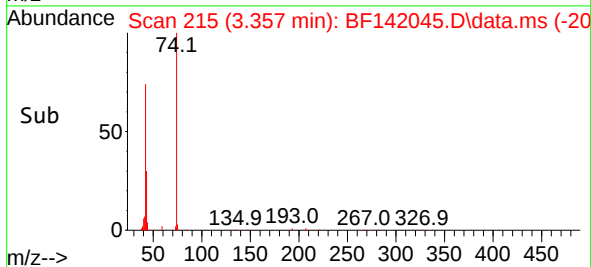
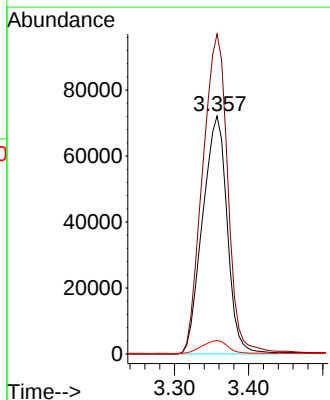
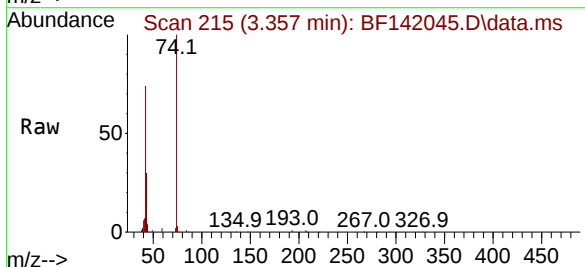
Ion	Ratio	Lower	Upper
79	100		
52	65.1	53.3	79.9
51	32.9	27.6	41.4

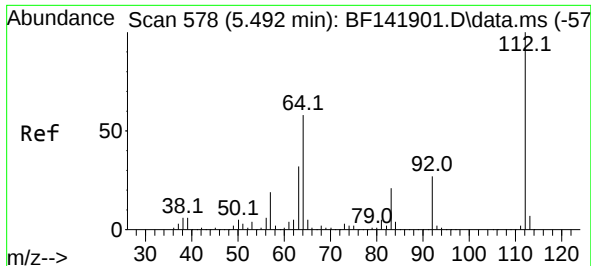


#4
 n-Nitrosodimethylamine
 Concen: 34.979 ng
 RT: 3.357 min Scan# 215
 Delta R.T. -0.035 min
 Lab File: BF142045.D
 Acq: 24 Mar 2025 10:17

Tgt Ion: 42 Resp: 166334

Ion	Ratio	Lower	Upper
42	100		
74	134.5	103.4	155.0
44	5.7	5.0	7.4

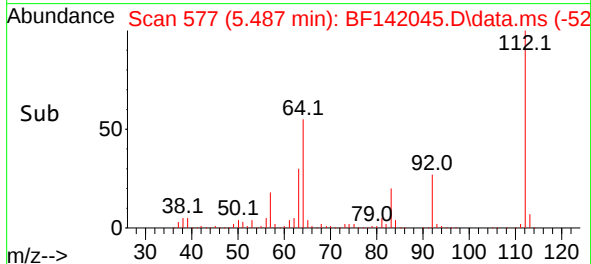
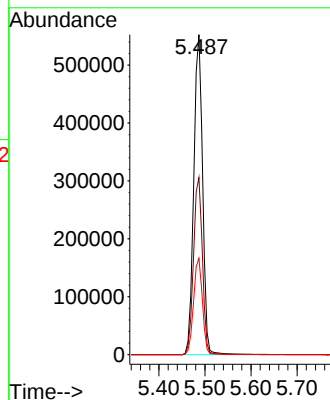
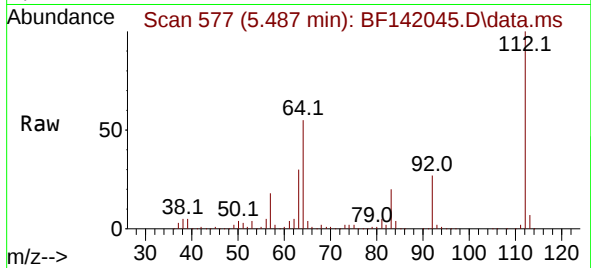




#5
2-Fluorophenol
Concen: 75.757 ng
RT: 5.487 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF142045.D
Acq: 24 Mar 2025 10:17

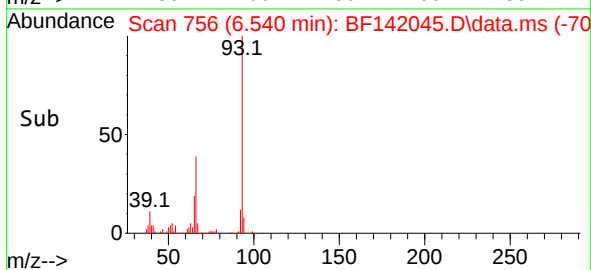
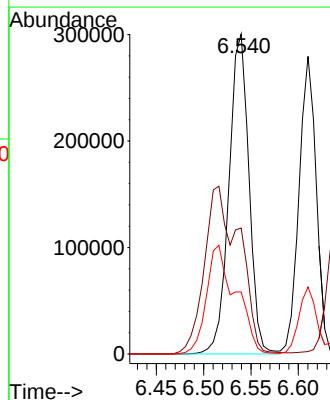
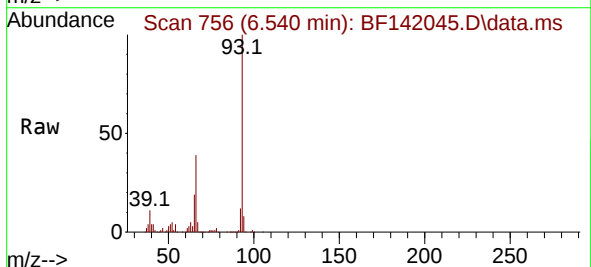
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 735300
Ion Ratio Lower Upper
112 100
64 55.4 46.5 69.7
63 30.1 25.4 38.2



#6
Aniline
Concen: 36.318 ng
RT: 6.540 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF142045.D
Acq: 24 Mar 2025 10:17

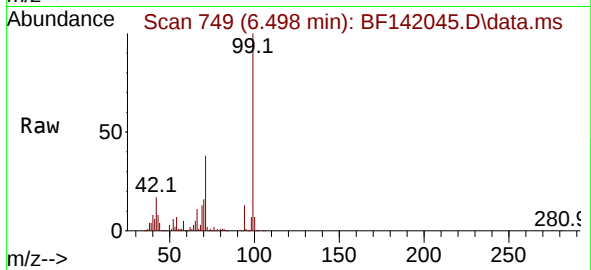
Tgt Ion: 93 Resp: 442756
Ion Ratio Lower Upper
93 100
66 39.3 31.9 47.9
65 19.4 15.8 23.6



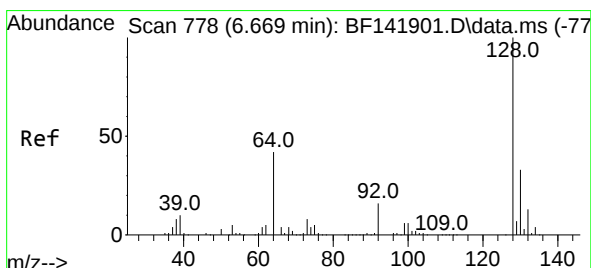
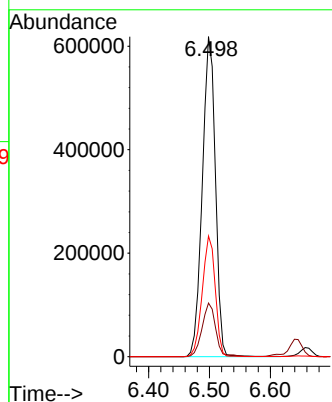
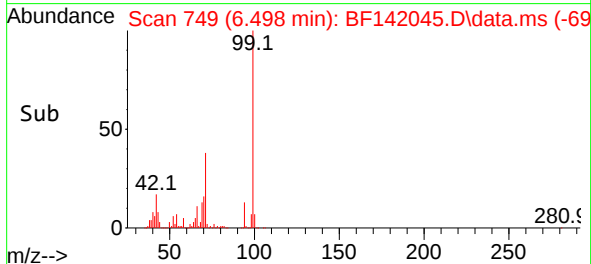


#7
Phenol-d6
Concen: 74.611 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF142045.D
Acq: 24 Mar 2025 10:17

Instrument :
BNA_F
ClientSampleId :

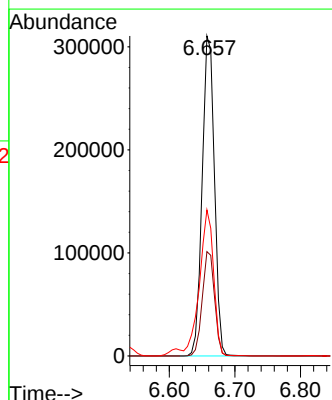
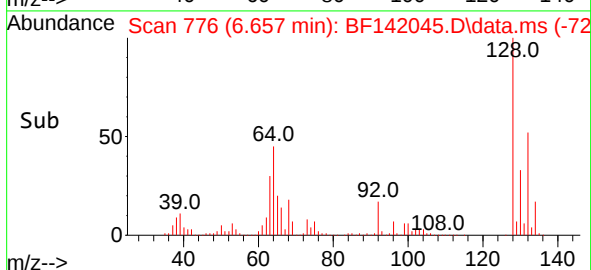
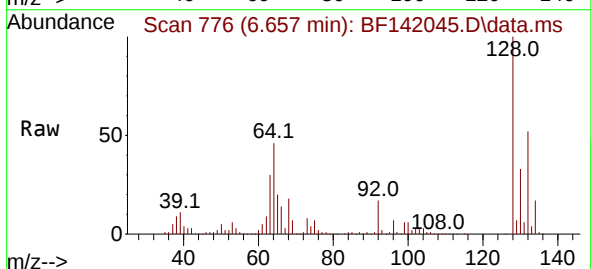


Tgt Ion: 99 Resp: 922026
Ion Ratio Lower Upper
99 100
42 16.7 14.6 21.8
71 37.7 30.8 46.2



#8
2-Chlorophenol
Concen: 37.659 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.012 min
Lab File: BF142045.D
Acq: 24 Mar 2025 10:17

Tgt Ion:128 Resp: 405391
Ion Ratio Lower Upper
128 100
130 32.6 12.8 52.8
64 45.6 24.4 64.4

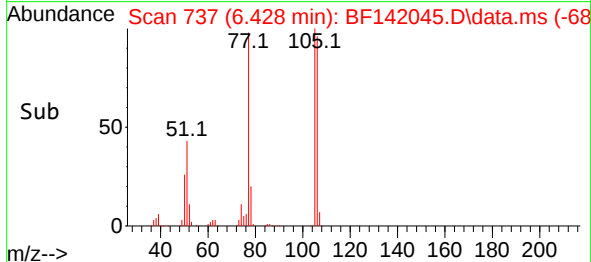
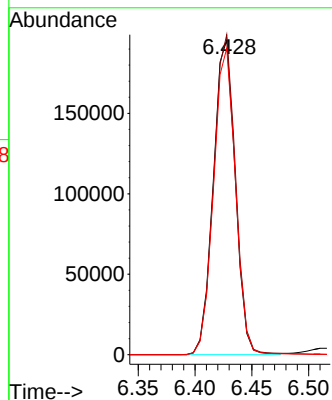
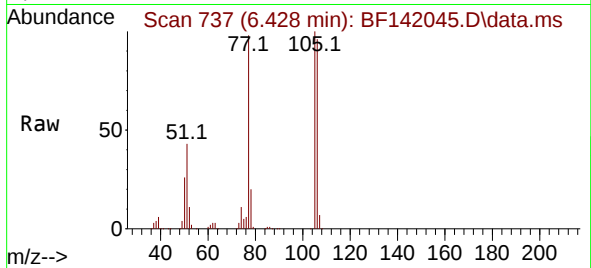




#9
Benzaldehyde
Concen: 37.981 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142045.D
Acq: 24 Mar 2025 10:17

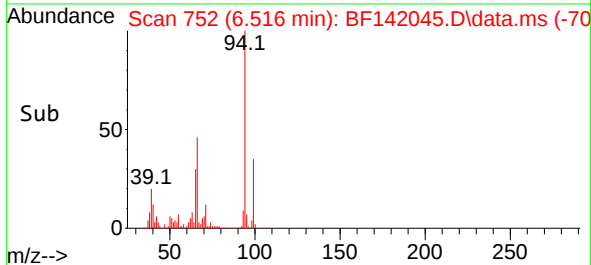
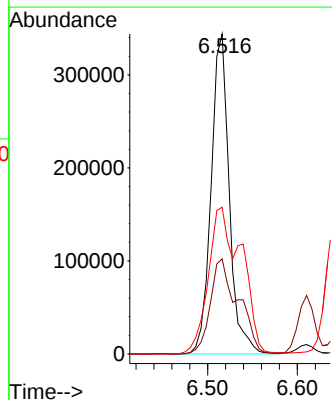
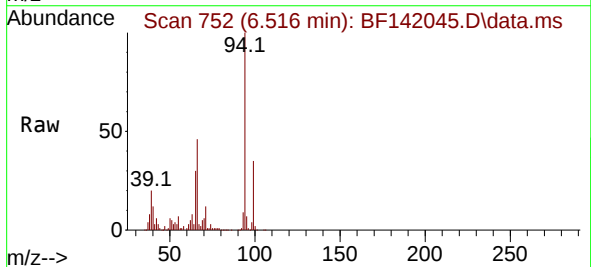
Instrument :
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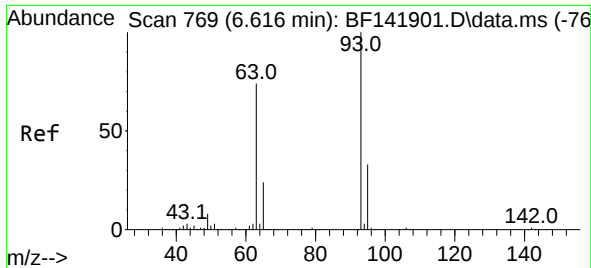
Tgt Ion: 77 Resp: 262503
Ion Ratio Lower Upper
77 100
105 101.6 80.0 120.0
106 97.3 74.5 114.5



#10
Phenol
Concen: 37.219 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF142045.D
Acq: 24 Mar 2025 10:17

Tgt Ion: 94 Resp: 483881
Ion Ratio Lower Upper
94 100
65 29.7 10.5 50.5
66 45.8 25.8 65.8

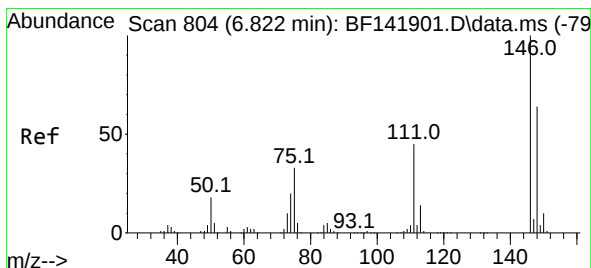
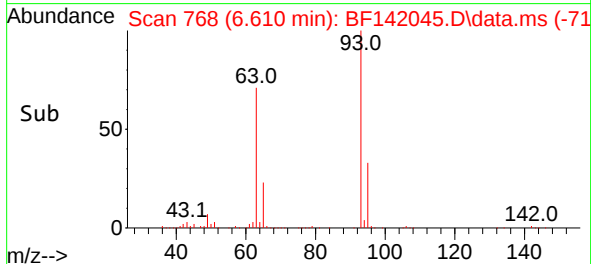
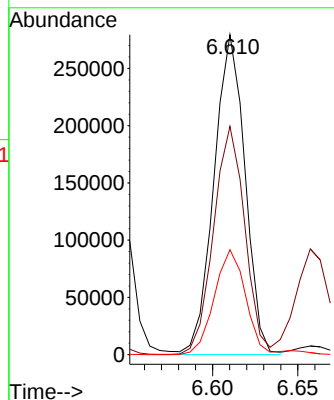
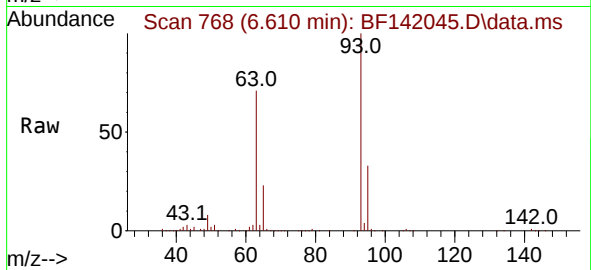




#11
bis(2-Chloroethyl)ether
Concen: 36.228 ng
RT: 6.610 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF142045.D
Acq: 24 Mar 2025 10:17

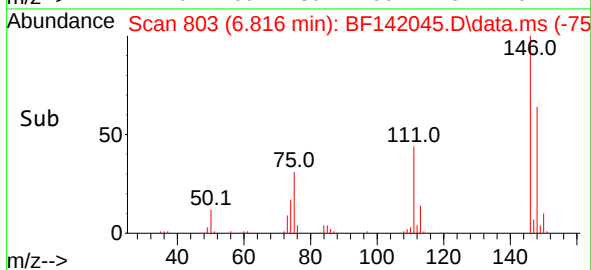
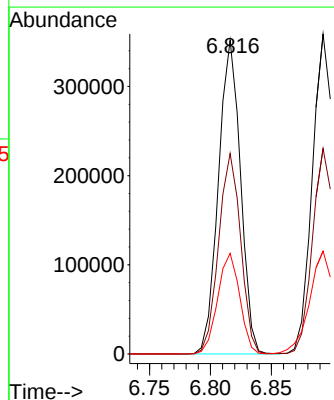
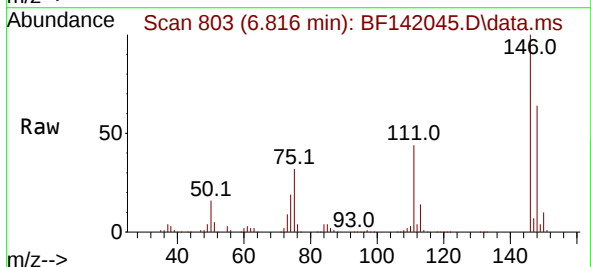
Instrument :
BNA_F
ClientSampleId :

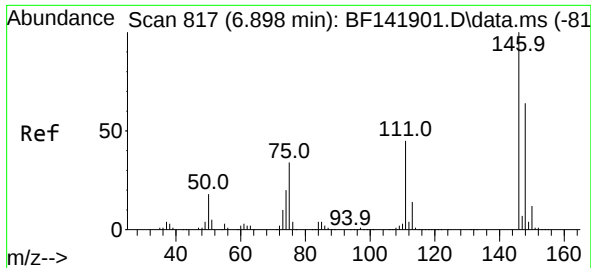
Tgt Ion: 93 Resp: 353658
Ion Ratio Lower Upper
93 100
63 71.4 53.0 93.0
95 32.8 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 38.209 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF142045.D
Acq: 24 Mar 2025 10:17

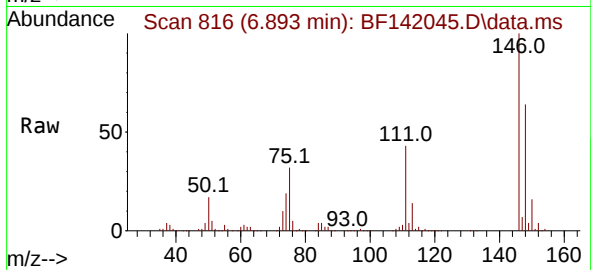
Tgt Ion:146 Resp: 444052
Ion Ratio Lower Upper
146 100
148 63.9 51.3 76.9
75 32.1 26.6 40.0



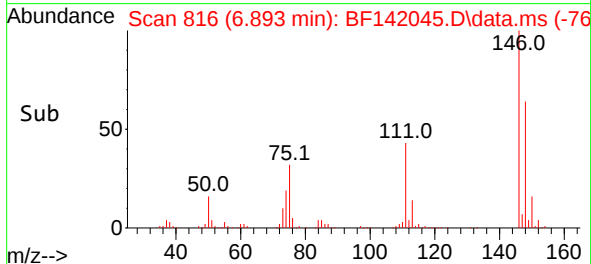
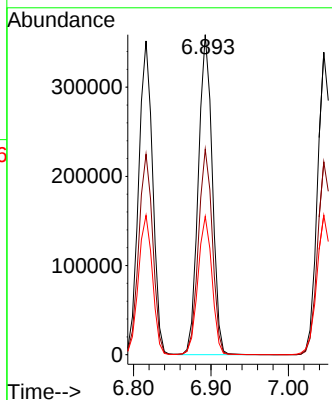


#13
1,4-Dichlorobenzene
Concen: 38.153 ng
RT: 6.893 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142045.D
Acq: 24 Mar 2025 10:17

Instrument :
BNA_F
ClientSampleId :

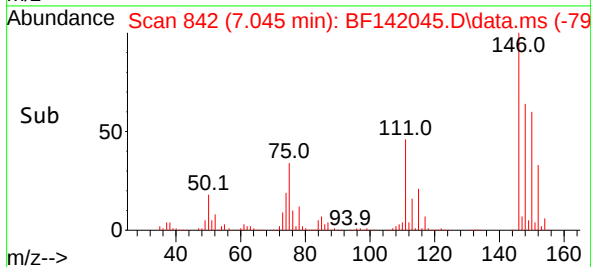
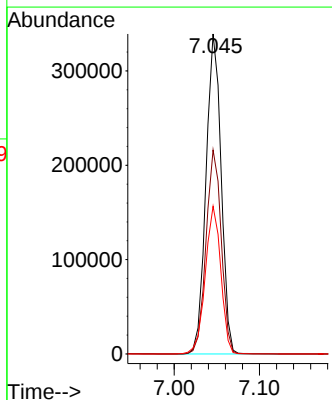
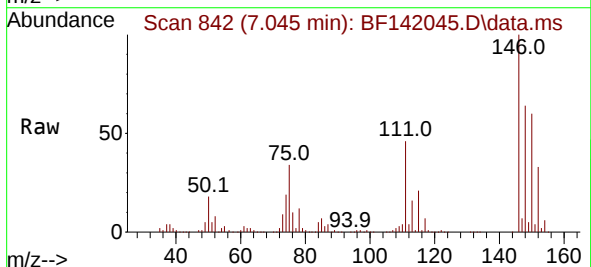


Tgt Ion:146 Resp: 448633
Ion Ratio Lower Upper
146 100
148 64.2 51.0 76.6
111 43.2 35.7 53.5



#14
1,2-Dichlorobenzene
Concen: 37.807 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF142045.D
Acq: 24 Mar 2025 10:17

Tgt Ion:146 Resp: 418727
Ion Ratio Lower Upper
146 100
148 63.8 50.8 76.2
111 46.1 38.0 57.0

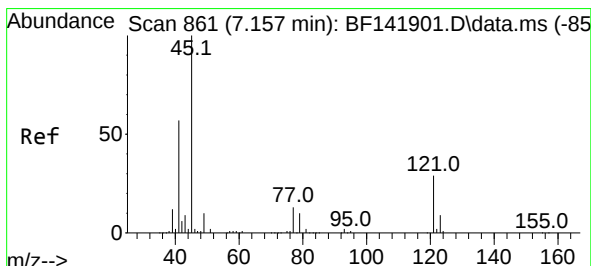
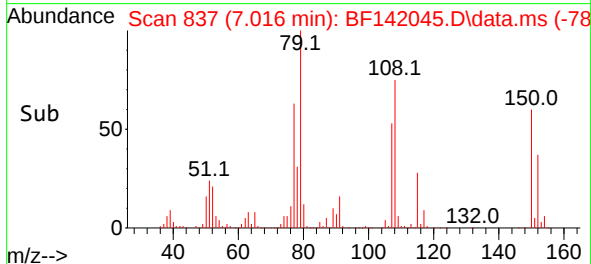
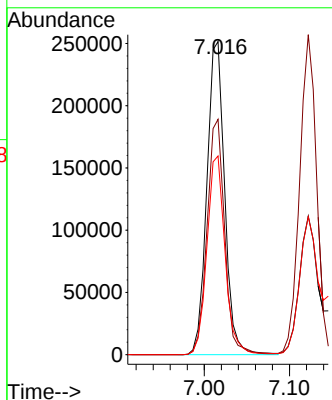
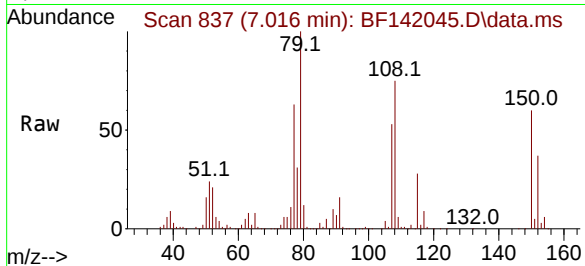




#15
Benzyl Alcohol
Concen: 36.525 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142045.D
Acq: 24 Mar 2025 10:17

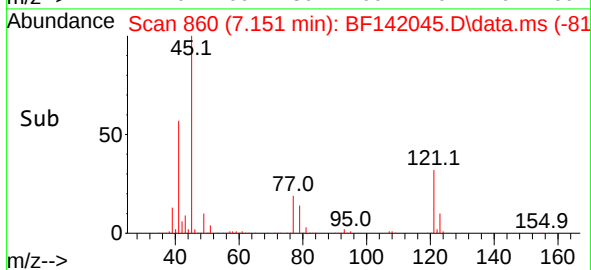
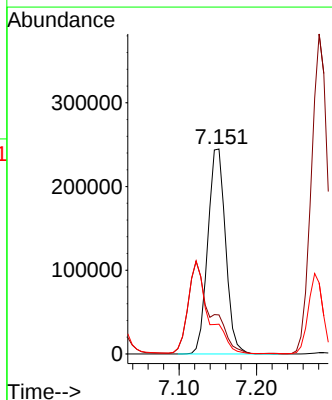
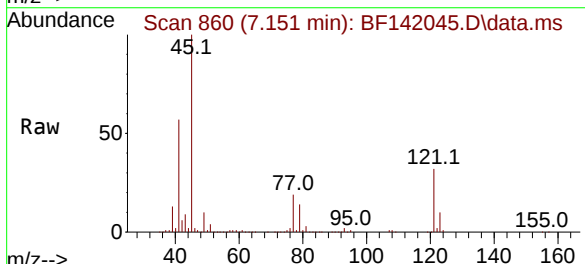
Instrument :
BNA_F
ClientSampleId :

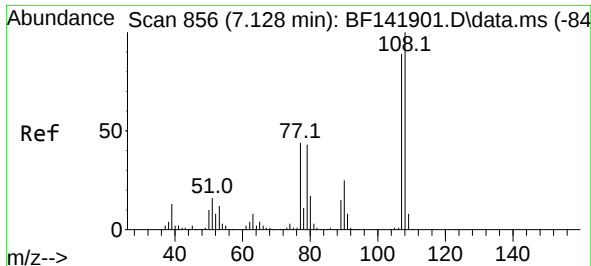
Tgt Ion: 79 Resp: 364909
Ion Ratio Lower Upper
79 100
108 75.2 59.7 89.5
77 63.5 51.0 76.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.049 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.006 min
Lab File: BF142045.D
Acq: 24 Mar 2025 10:17

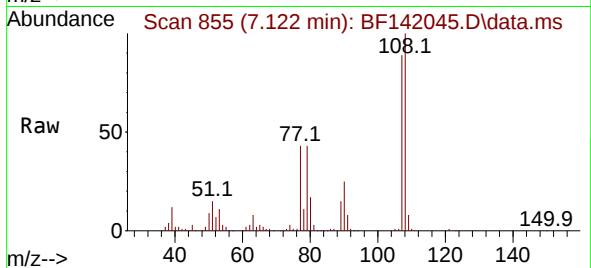
Tgt Ion: 45 Resp: 389497
Ion Ratio Lower Upper
45 100
77 19.1 0.0 37.8
79 14.5 0.0 34.2



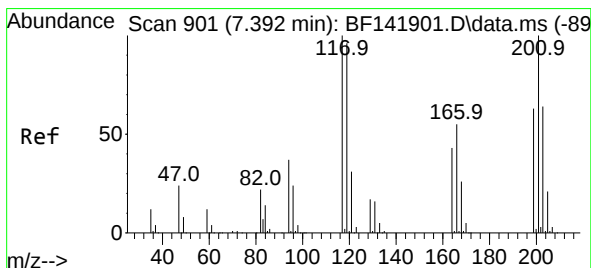
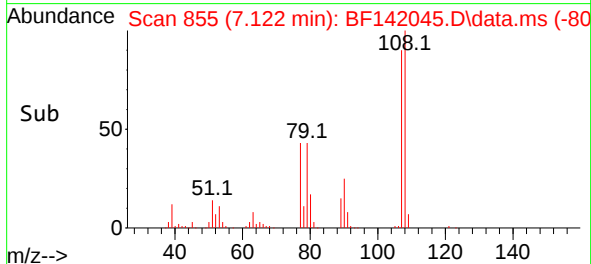
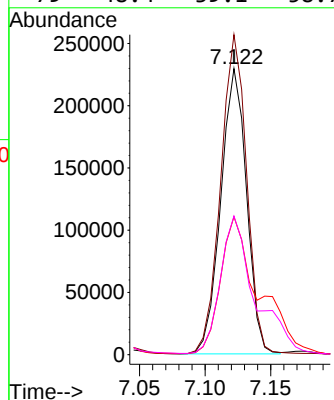


#17
2-Methylphenol
Concen: 36.555 ng
RT: 7.122 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142045.D
Acq: 24 Mar 2025 10:17

Instrument :
BNA_F
ClientSampleId :

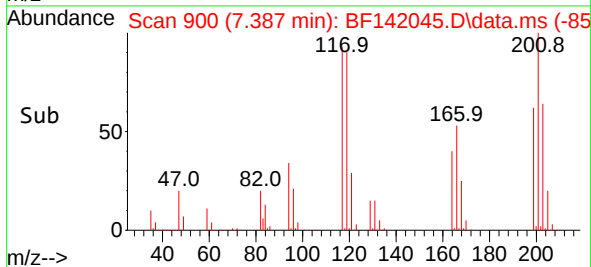
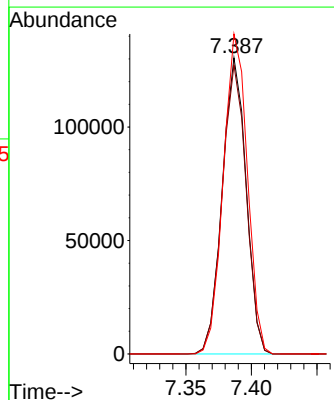
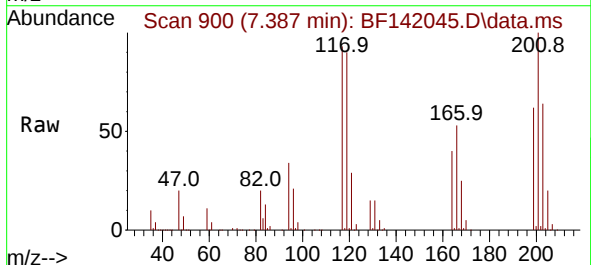


Tgt Ion:107 Resp: 312878
Ion Ratio Lower Upper
107 100
108 111.8 90.2 135.2
77 48.2 39.6 59.4
79 48.4 39.1 58.7



#18
Hexachloroethane
Concen: 37.518 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF142045.D
Acq: 24 Mar 2025 10:17

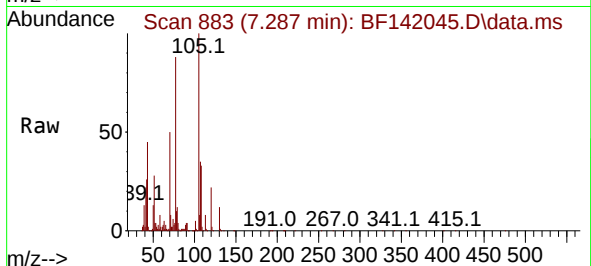
Tgt Ion:117 Resp: 165432
Ion Ratio Lower Upper
117 100
119 97.5 76.9 115.3
201 108.0 79.9 119.9



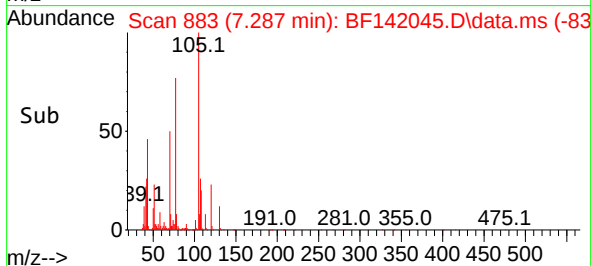
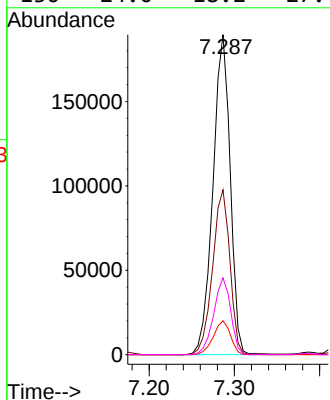


#19
n-Nitroso-di-n-propylamine
Concen: 33.620 ng
RT: 7.287 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF142045.D
Acq: 24 Mar 2025 10:17

Instrument :
BNA_F
ClientSampleId :

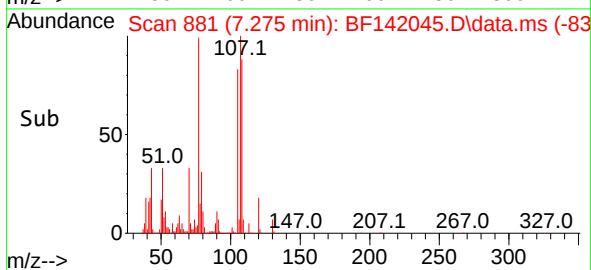
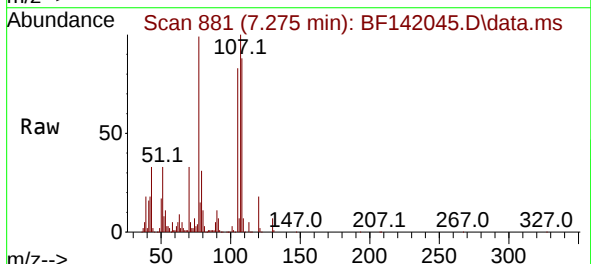
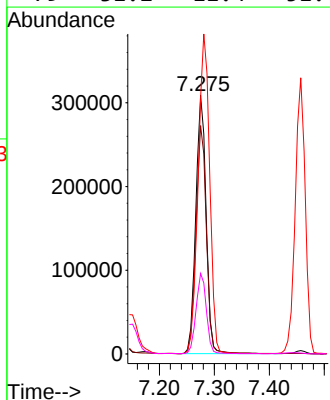


Tgt Ion:	70	Resp:	266964
Ion	Ratio	Lower	Upper
70	100		
42	51.5	41.4	62.0
101	10.6	8.2	12.2
130	24.0	18.2	27.4



#20
3+4-Methylphenols
Concen: 36.715 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF142045.D
Acq: 24 Mar 2025 10:17

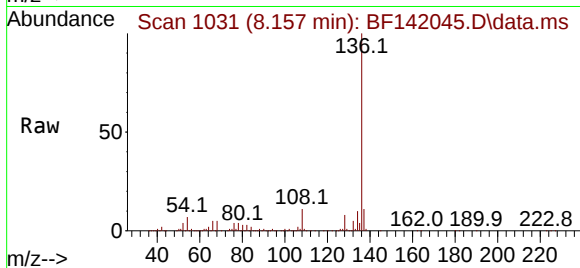
Tgt Ion:	107	Resp:	402505
Ion	Ratio	Lower	Upper
107	100		
108	88.3	68.4	108.4
77	99.0	69.7	109.7
79	31.2	11.4	51.4



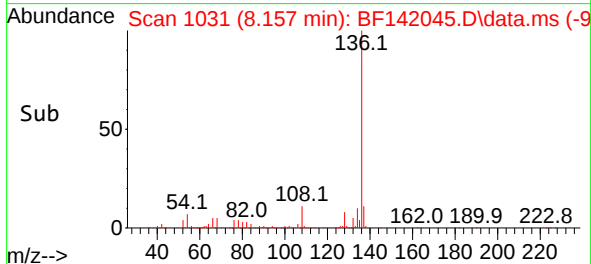
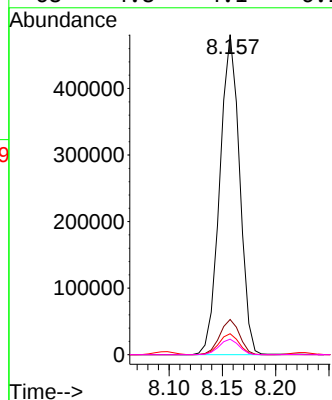


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF142045.D
Acq: 24 Mar 2025 10:17

Instrument :
BNA_F
ClientSampleId :

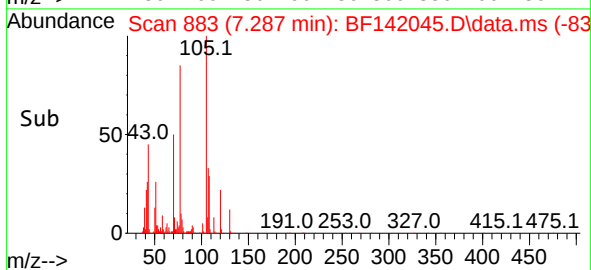
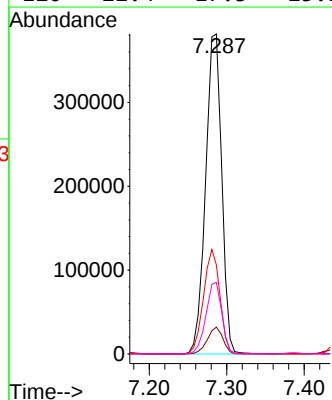
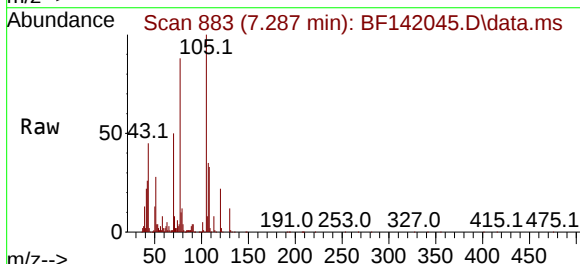


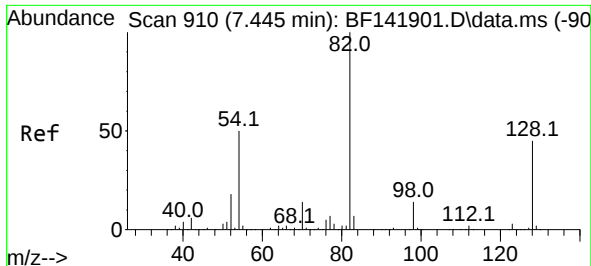
Tgt Ion:	136	Resp:	619308
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.8	13.2
54	6.6	5.8	8.8
68	4.8	4.1	6.1



#22
Acetophenone
Concen: 37.237 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF142045.D
Acq: 24 Mar 2025 10:17

Tgt Ion:	105	Resp:	552268
Ion Ratio	Lower	Upper	
105	100		
71	8.4	5.8	8.8
51	27.8	23.4	35.0
120	22.4	17.3	25.9

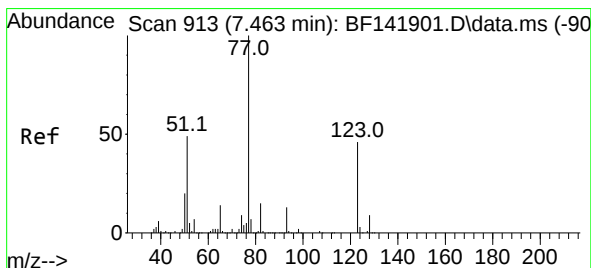
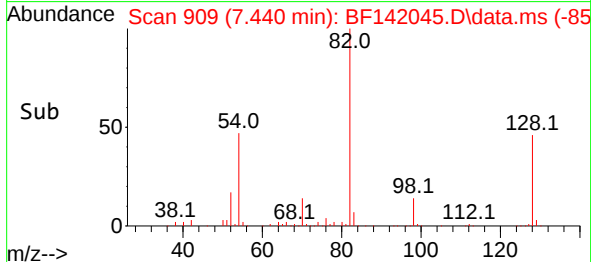
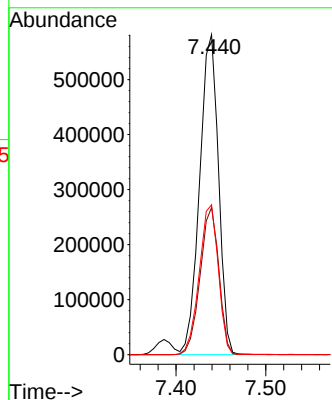
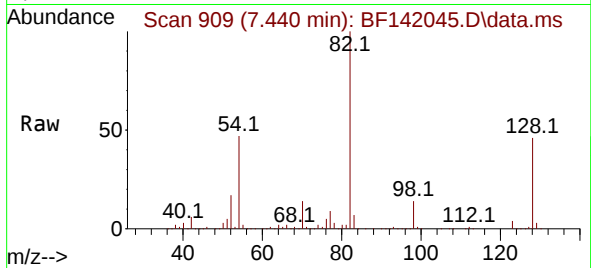




#23
Nitrobenzene-d5
Concen: 77.060 ng
RT: 7.440 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF142045.D
Acq: 24 Mar 2025 10:17

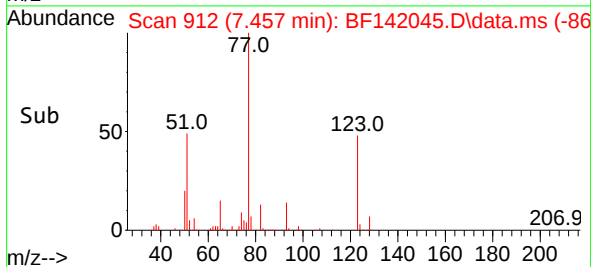
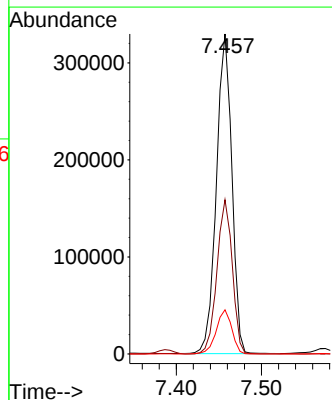
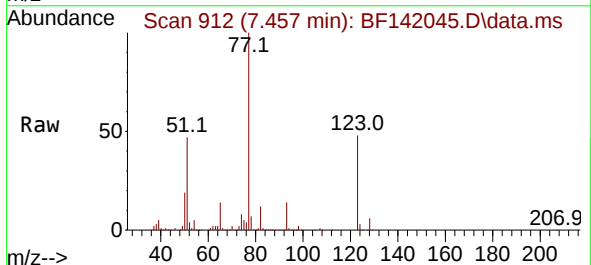
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 848029
Ion Ratio Lower Upper
82 100
128 46.0 36.0 54.0
54 46.9 39.6 59.4



#24
Nitrobenzene
Concen: 37.942 ng
RT: 7.457 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF142045.D
Acq: 24 Mar 2025 10:17

Tgt Ion: 77 Resp: 415092
Ion Ratio Lower Upper
77 100
123 48.2 37.0 55.4
65 13.8 11.3 16.9

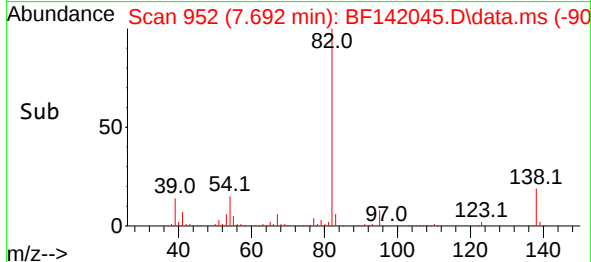
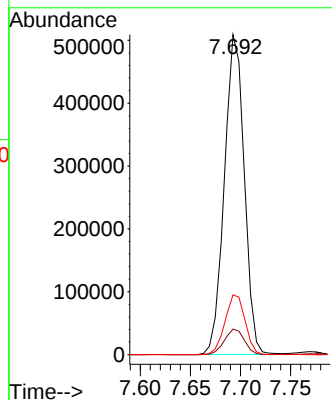
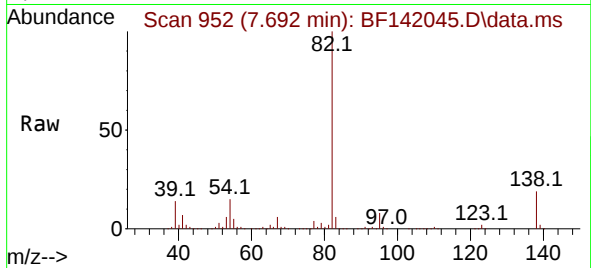




#25
Isophorone
Concen: 36.124 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF142045.D
Acq: 24 Mar 2025 10:17

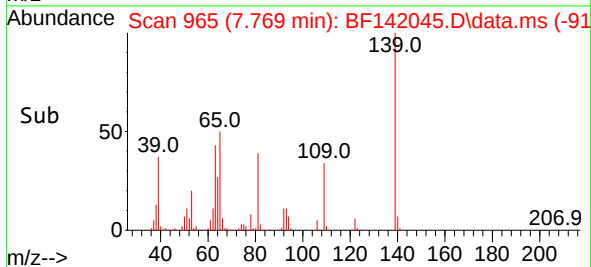
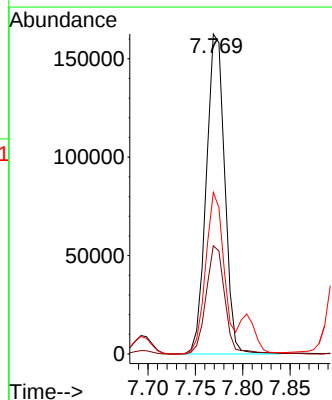
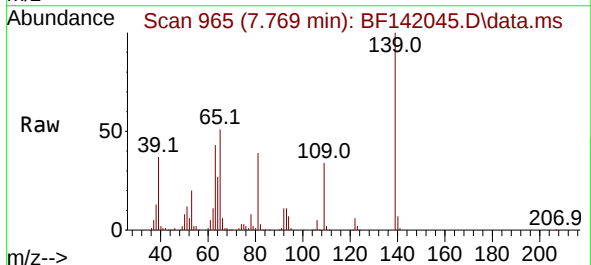
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 702719
Ion Ratio Lower Upper
82 100
95 8.0 6.4 9.6
138 18.7 14.9 22.3



#26
2-Nitrophenol
Concen: 40.846 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.012 min
Lab File: BF142045.D
Acq: 24 Mar 2025 10:17

Tgt Ion:139 Resp: 219318
Ion Ratio Lower Upper
139 100
109 33.8 26.5 39.7
65 50.5 40.3 60.5





#27

2,4-Dimethylphenol

Concen: 38.005 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.006 min

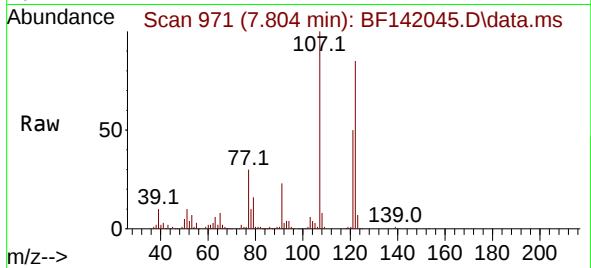
Lab File: BF142045.D

Acq: 24 Mar 2025 10:17

Instrument :

BNA_F

ClientSampleId :



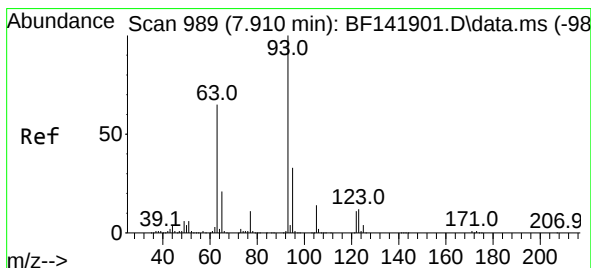
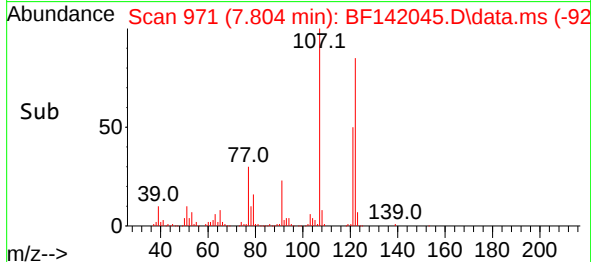
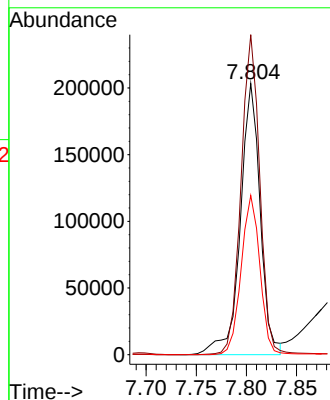
Tgt Ion:122 Resp: 280989

Ion Ratio Lower Upper

122 100

107 118.0 94.8 142.2

121 58.7 47.8 71.6



#28

bis(2-Chloroethoxy)methane

Concen: 36.447 ng

RT: 7.904 min Scan# 988

Delta R.T. -0.006 min

Lab File: BF142045.D

Acq: 24 Mar 2025 10:17

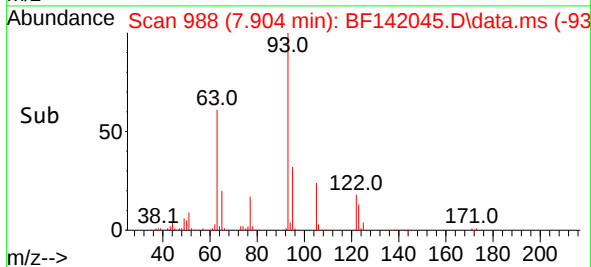
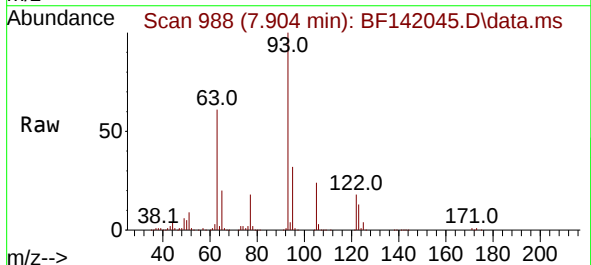
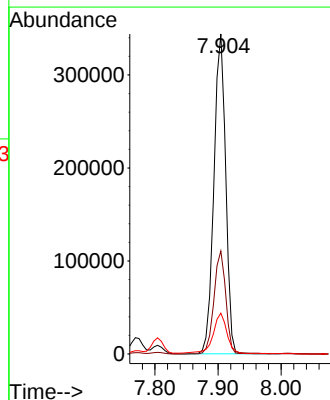
Tgt Ion: 93 Resp: 444684

Ion Ratio Lower Upper

93 100

95 32.2 26.6 40.0

123 12.7 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 39.242 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF142045.D

Acq: 24 Mar 2025 10:17

Instrument :

BNA_F

ClientSampleId :

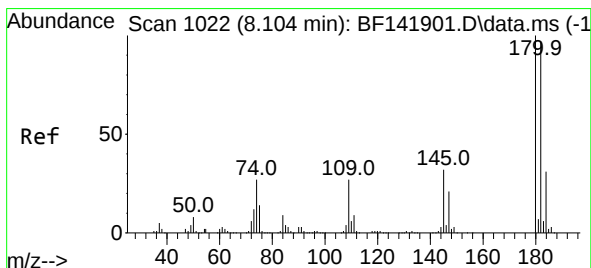
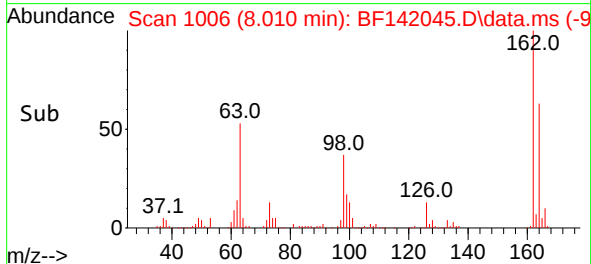
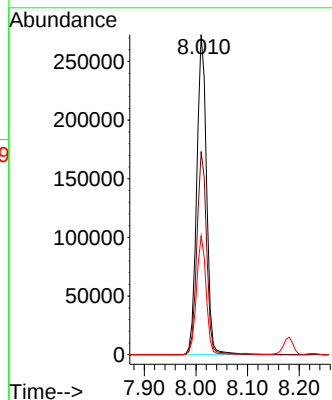
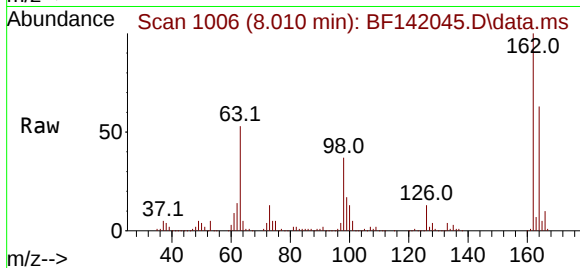
Tgt Ion:162 Resp: 360124

Ion Ratio Lower Upper

162 100

164 63.5 43.8 83.8

98 37.1 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 39.118 ng

RT: 8.098 min Scan# 1021

Delta R.T. -0.006 min

Lab File: BF142045.D

Acq: 24 Mar 2025 10:17

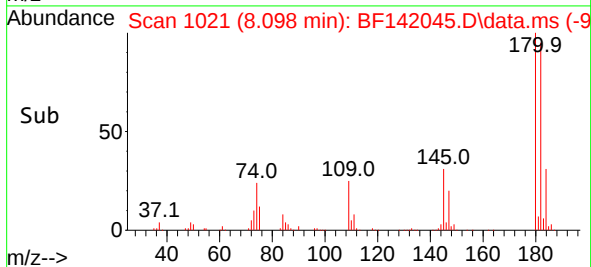
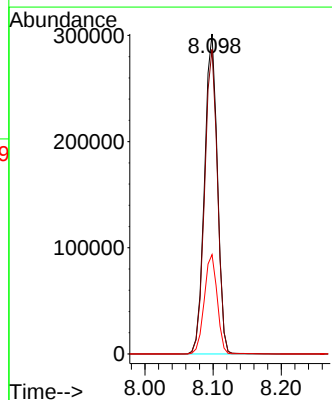
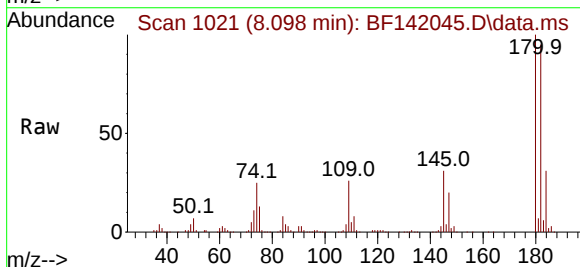
Tgt Ion:180 Resp: 395612

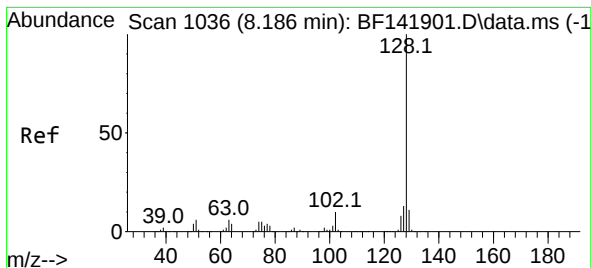
Ion Ratio Lower Upper

180 100

182 95.2 77.5 116.3

145 31.1 25.8 38.6





#31

Naphthalene

Concen: 38.299 ng

RT: 8.181 min Scan# 1036

Delta R.T. -0.006 min

Lab File: BF142045.D

Acq: 24 Mar 2025 10:17

Instrument :

BNA_F

ClientSampleId :

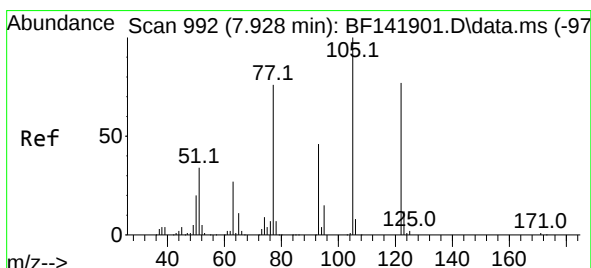
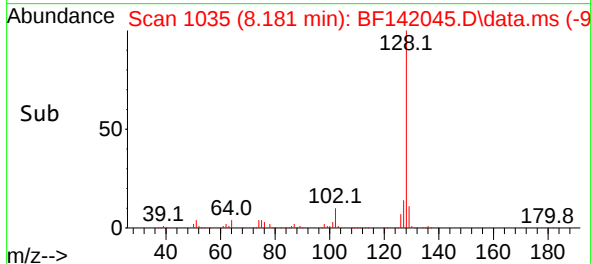
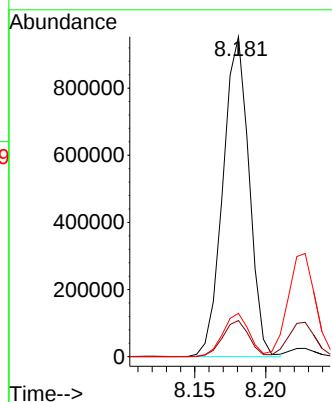
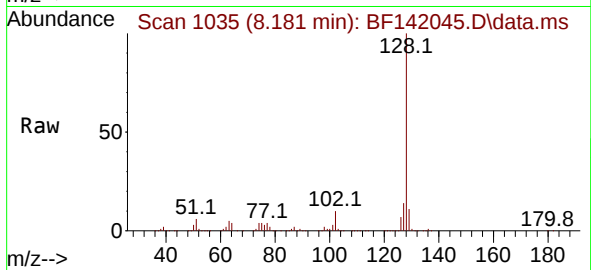
Tgt Ion:128 Resp: 1218411

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

127 13.5 10.8 16.2



#32

Benzoic acid

Concen: 39.590 ng

RT: 7.916 min Scan# 990

Delta R.T. -0.012 min

Lab File: BF142045.D

Acq: 24 Mar 2025 10:17

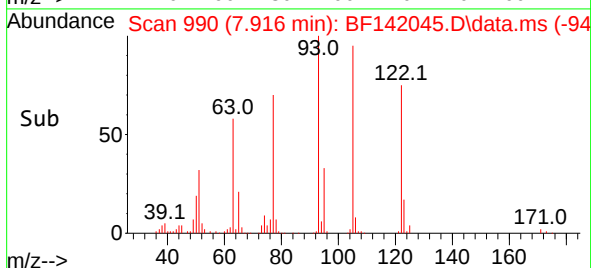
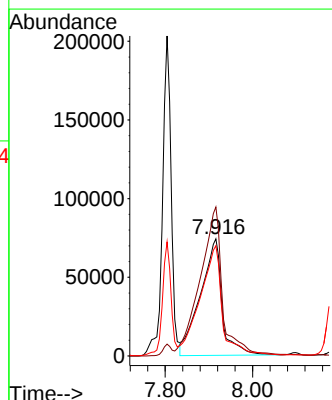
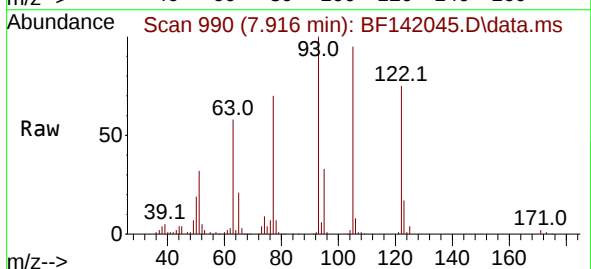
Tgt Ion:122 Resp: 257302

Ion Ratio Lower Upper

122 100

105 127.2 107.9 147.9

77 94.1 79.0 119.0

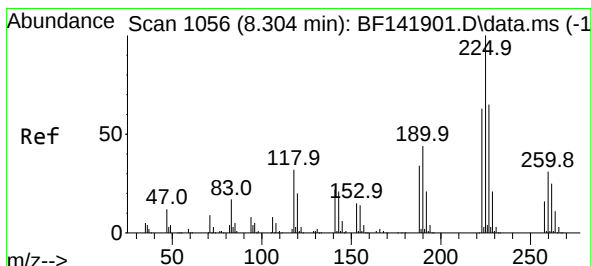
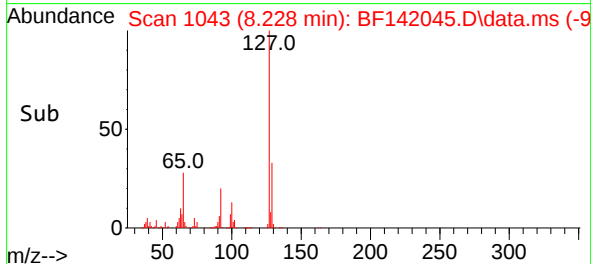
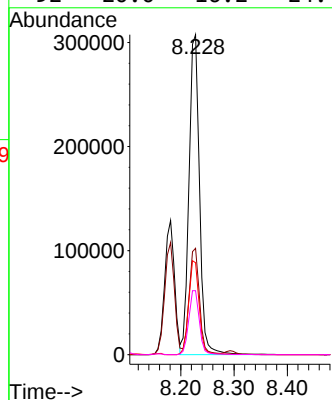
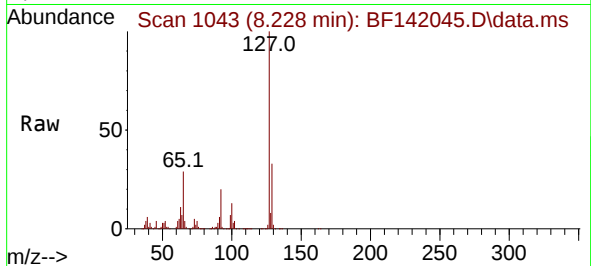




#33
4-Chloroaniline
Concen: 37.462 ng
RT: 8.228 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF142045.D
Acq: 24 Mar 2025 10:17

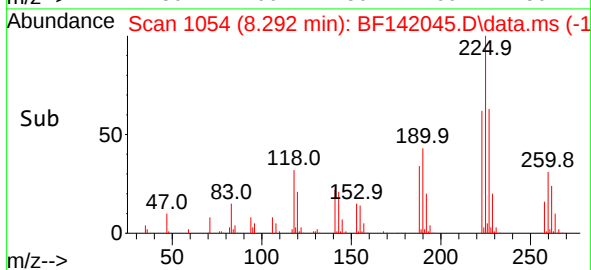
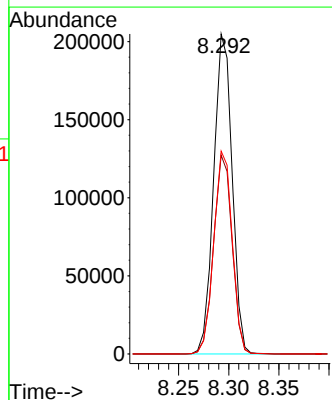
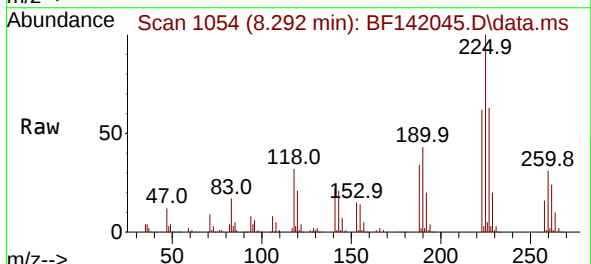
Instrument :
BNA_F
ClientSampleId :

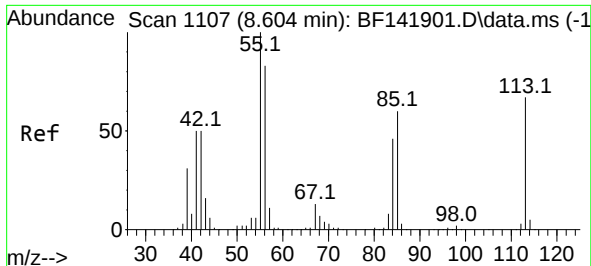
Tgt Ion:	127	Resp:	420711
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.2	39.4
65	28.8	25.4	38.2
92	20.0	16.2	24.4



#34
Hexachlorobutadiene
Concen: 39.670 ng
RT: 8.292 min Scan# 1054
Delta R.T. -0.012 min
Lab File: BF142045.D
Acq: 24 Mar 2025 10:17

Tgt Ion:	225	Resp:	261640
Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.6	75.8
227	63.4	52.2	78.2

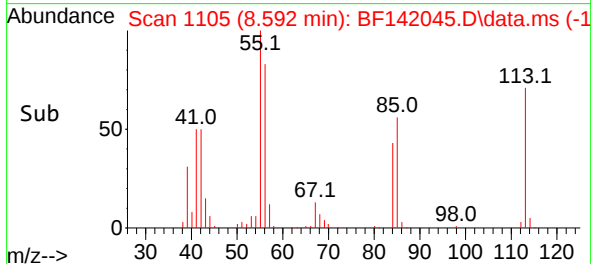
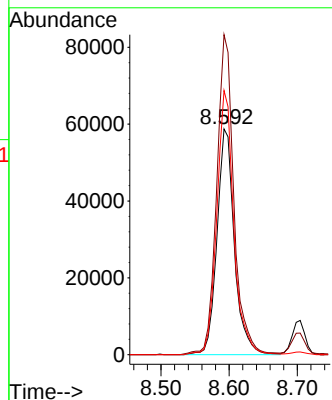
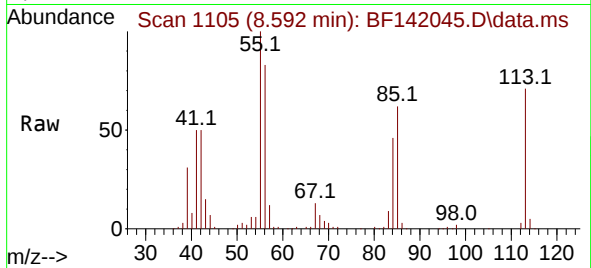




#35
 Caprolactam
 Concen: 37.253 ng
 RT: 8.592 min Scan# 1105
 Delta R.T. -0.012 min
 Lab File: BF142045.D
 Acq: 24 Mar 2025 10:17

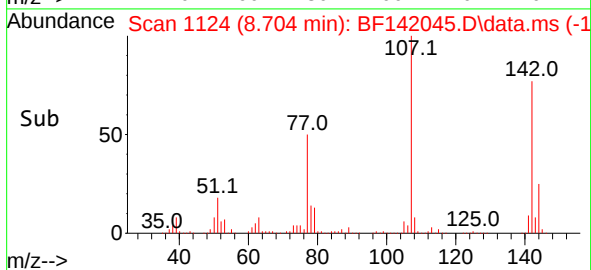
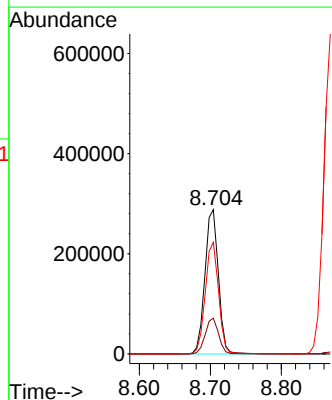
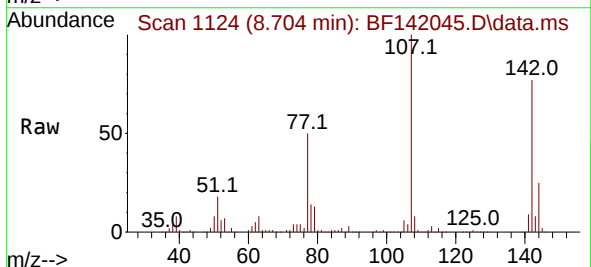
Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:113 Resp: 104230
 Ion Ratio Lower Upper
 113 100
 55 141.8 129.6 169.6
 56 117.0 104.0 144.0



#36
 4-Chloro-3-methylphenol
 Concen: 37.259 ng
 RT: 8.704 min Scan# 1124
 Delta R.T. 0.000 min
 Lab File: BF142045.D
 Acq: 24 Mar 2025 10:17

Tgt Ion:107 Resp: 381426
 Ion Ratio Lower Upper
 107 100
 144 24.9 19.0 28.6
 142 77.4 59.2 88.8

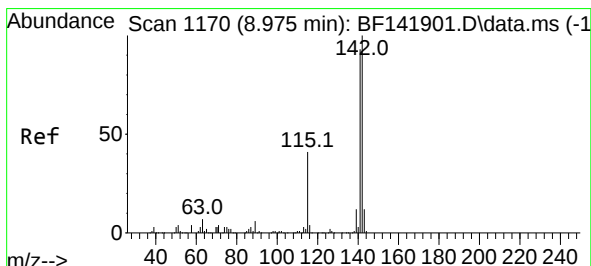
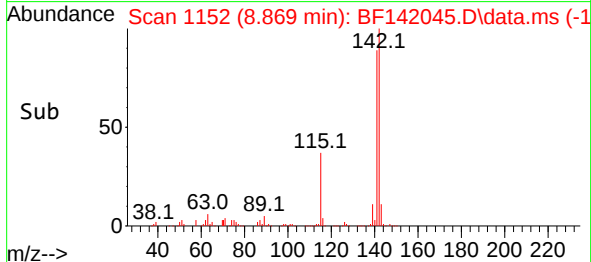
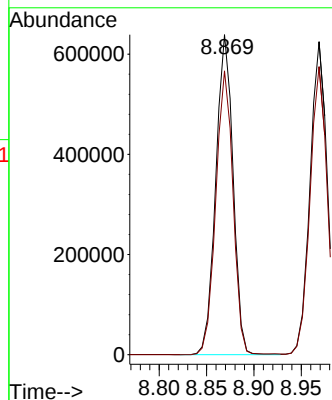
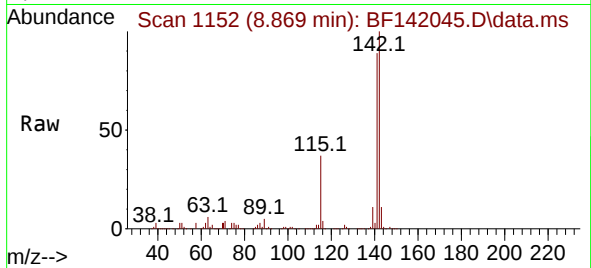




#37
2-Methylnaphthalene
Concen: 37.979 ng
RT: 8.869 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF142045.D
Acq: 24 Mar 2025 10:17

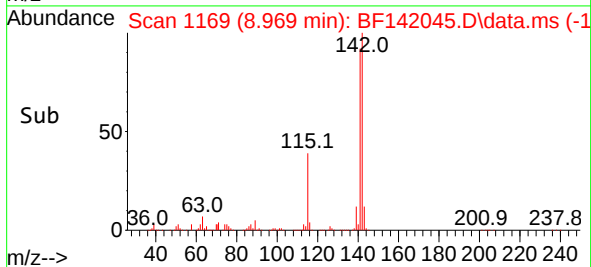
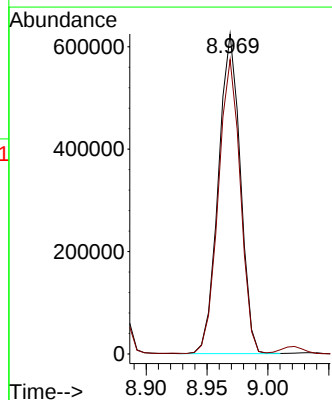
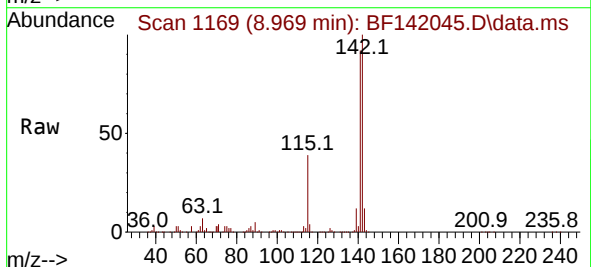
Instrument :
BNA_F
ClientSampleId :

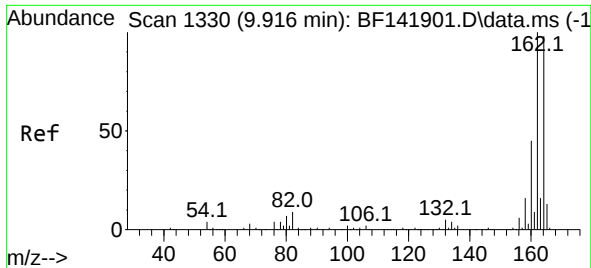
Tgt Ion:142 Resp: 807595
Ion Ratio Lower Upper
142 100
141 88.7 71.2 106.8



#38
1-Methylnaphthalene
Concen: 38.142 ng
RT: 8.969 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF142045.D
Acq: 24 Mar 2025 10:17

Tgt Ion:142 Resp: 782664
Ion Ratio Lower Upper
142 100
141 92.0 74.2 111.4

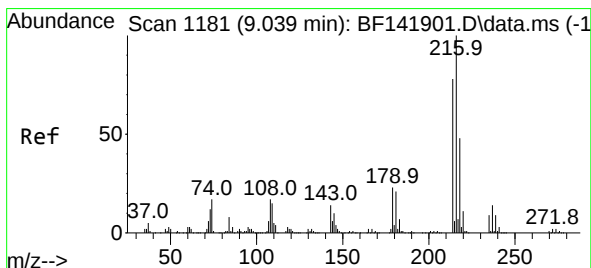
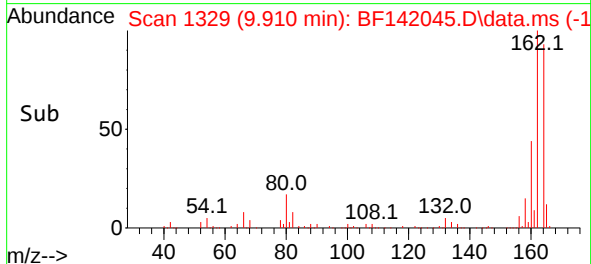
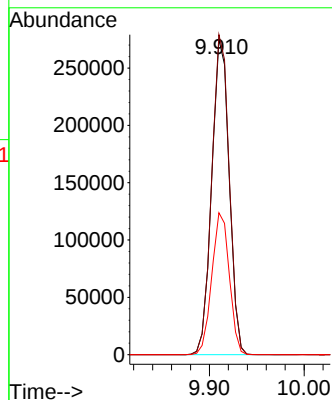
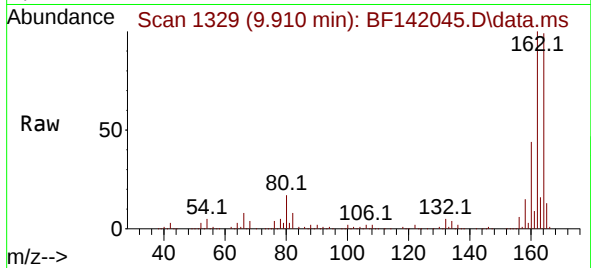




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF142045.D
Acq: 24 Mar 2025 10:17

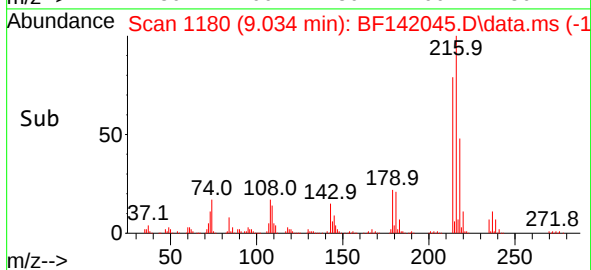
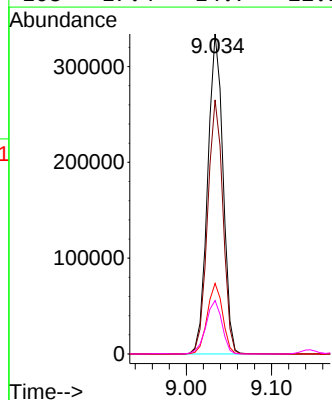
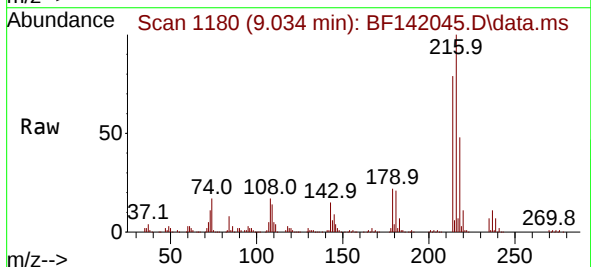
Instrument :
BNA_F
ClientSampleId :

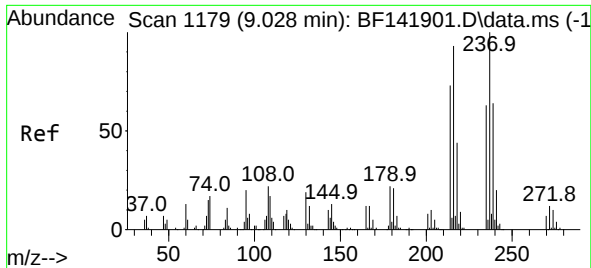
Tgt Ion:164 Resp: 352913
Ion Ratio Lower Upper
164 100
162 101.5 81.8 122.6
160 45.0 36.7 55.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.924 ng
RT: 9.034 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF142045.D
Acq: 24 Mar 2025 10:17

Tgt Ion:216 Resp: 418232
Ion Ratio Lower Upper
216 100
214 79.2 61.9 92.9
179 22.0 18.1 27.1
108 17.4 14.7 22.1

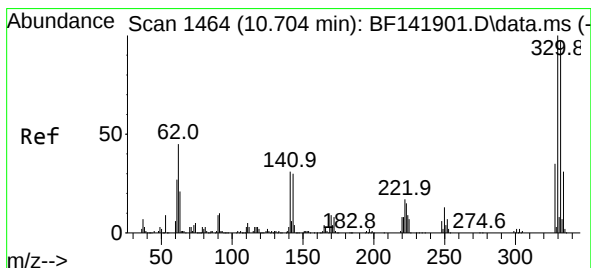
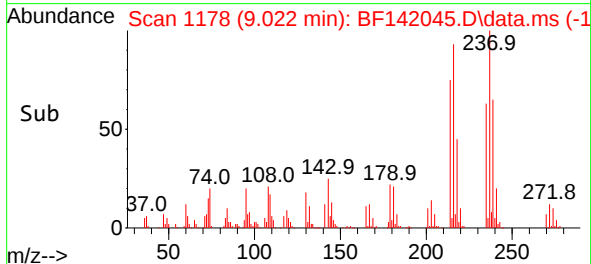
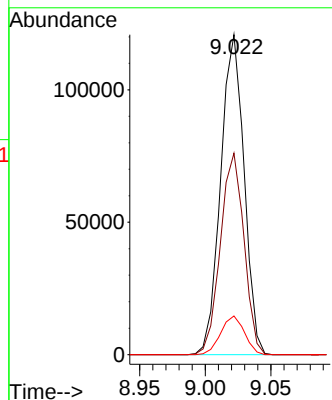
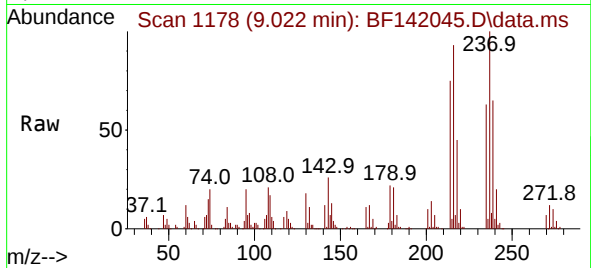




#41
Hexachlorocyclopentadiene
Concen: 35.642 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF142045.D
Acq: 24 Mar 2025 10:17

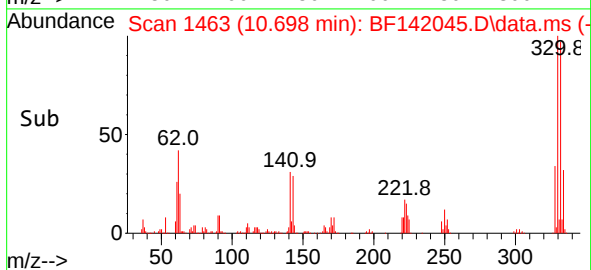
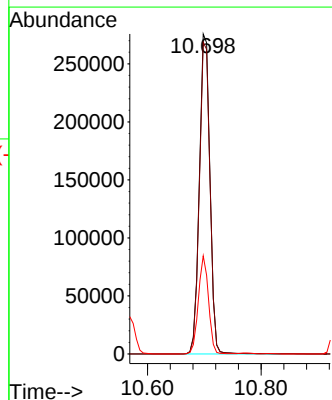
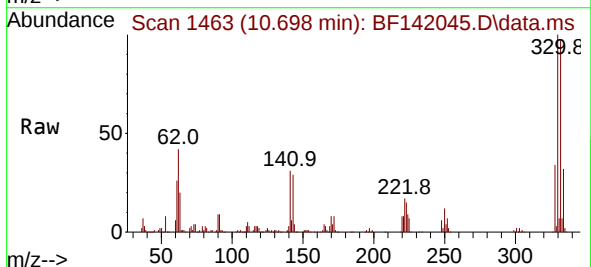
Instrument :
BNA_F
ClientSampleId :

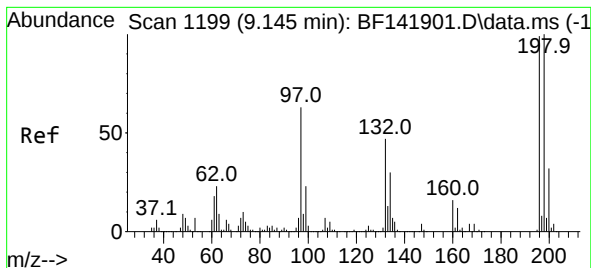
Tgt Ion:237 Resp: 149876
Ion Ratio Lower Upper
237 100
235 63.0 43.1 83.1
272 12.1 0.0 32.0



#42
2,4,6-Tribromophenol
Concen: 80.151 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF142045.D
Acq: 24 Mar 2025 10:17

Tgt Ion:330 Resp: 358850
Ion Ratio Lower Upper
330 100
332 97.6 77.6 116.4
141 29.4 24.7 37.1





#43

2,4,6-Trichlorophenol

Concen: 38.191 ng

RT: 9.145 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF142045.D

Acq: 24 Mar 2025 10:17

Instrument :

BNA_F

ClientSampleId :

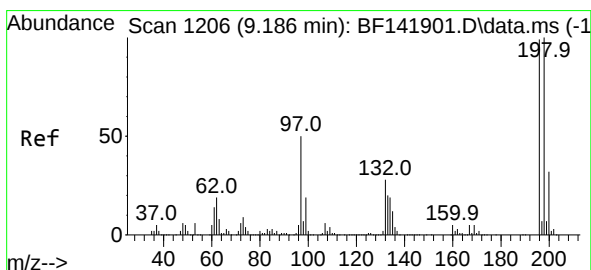
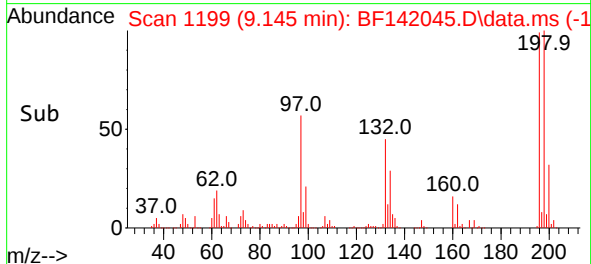
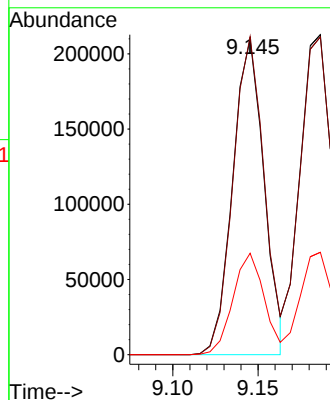
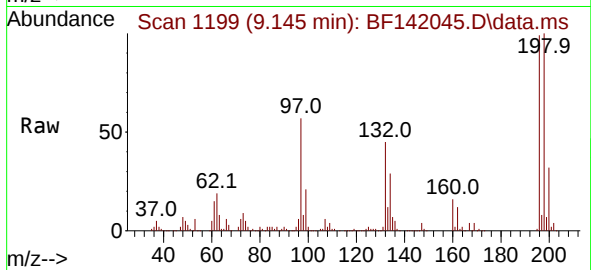
Tgt Ion:196 Resp: 268181

Ion Ratio Lower Upper

196 100

198 100.7 80.6 121.0

200 32.2 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 39.971 ng

RT: 9.187 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BF142045.D

Acq: 24 Mar 2025 10:17

Tgt Ion:196 Resp: 284279

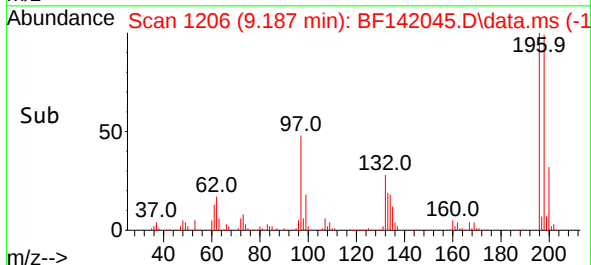
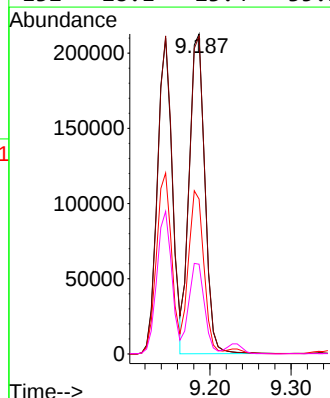
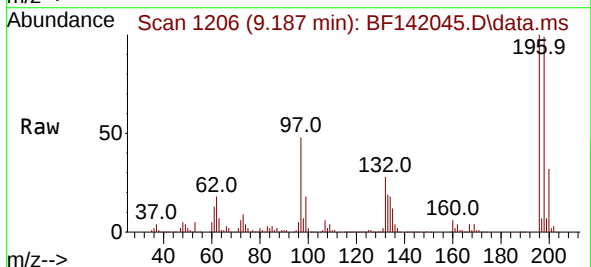
Ion Ratio Lower Upper

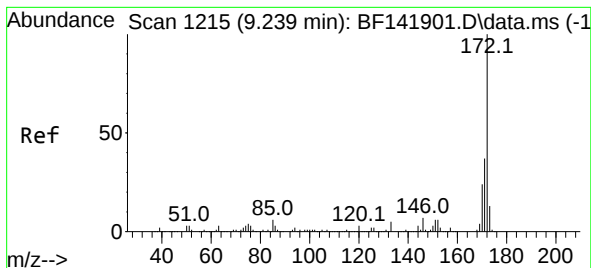
196 100

198 99.3 80.7 121.1

97 48.4 42.1 63.1

132 28.1 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 75.016 ng

RT: 9.234 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142045.D

Acq: 24 Mar 2025 10:17

Instrument :

BNA_F

ClientSampleId :

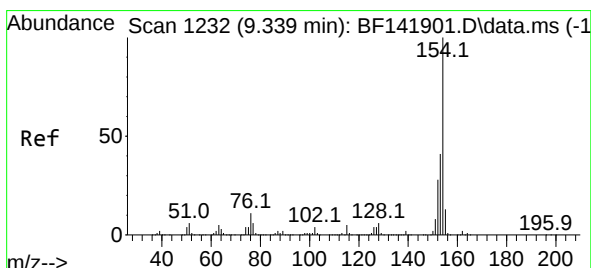
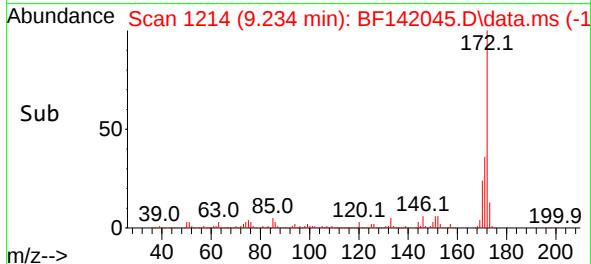
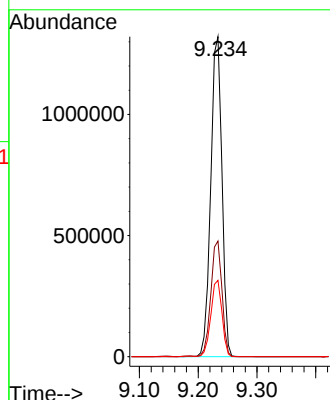
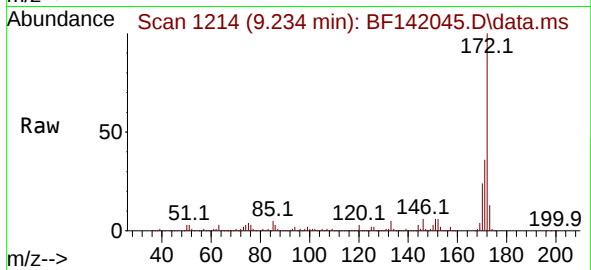
Tgt Ion:172 Resp: 1740796

Ion Ratio Lower Upper

172 100

171 36.1 29.3 43.9

170 23.9 19.4 29.0



#46

1,1'-Biphenyl

Concen: 37.854 ng

RT: 9.334 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BF142045.D

Acq: 24 Mar 2025 10:17

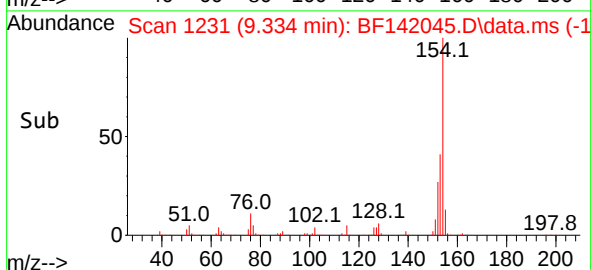
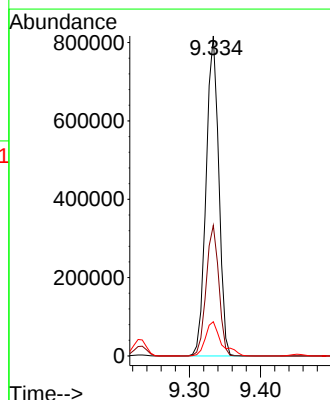
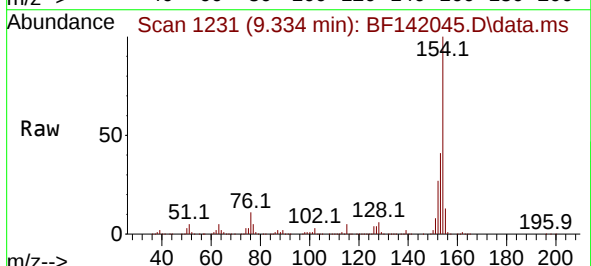
Tgt Ion:154 Resp: 1015056

Ion Ratio Lower Upper

154 100

153 40.8 21.1 61.1

76 10.7 0.0 31.3





#47

2-Chloronaphthalene

Concen: 38.349 ng

RT: 9.357 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142045.D

Acq: 24 Mar 2025 10:17

Instrument :

BNA_F

ClientSampleId :

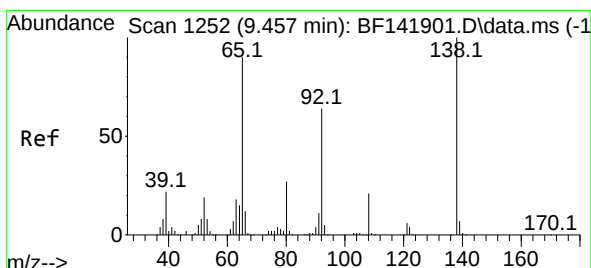
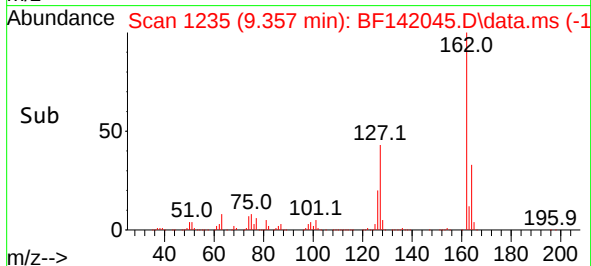
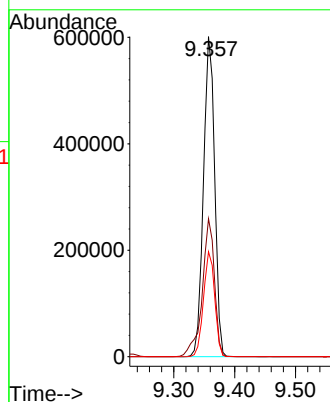
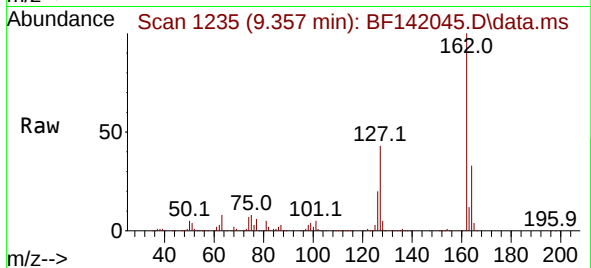
Tgt Ion:162 Resp: 766461

Ion Ratio Lower Upper

162 100

127 43.1 35.5 53.3

164 32.8 26.6 40.0



#48

2-Nitroaniline

Concen: 37.251 ng

RT: 9.451 min Scan# 1251

Delta R.T. -0.006 min

Lab File: BF142045.D

Acq: 24 Mar 2025 10:17

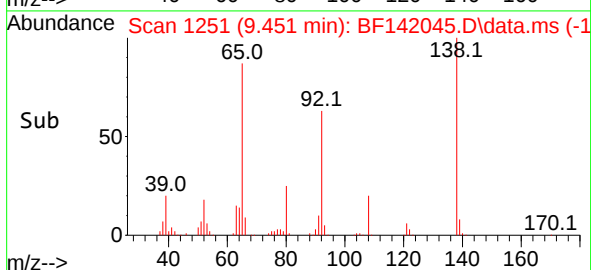
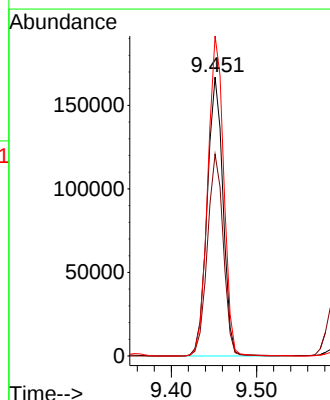
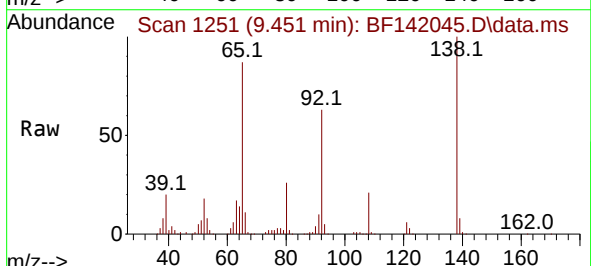
Tgt Ion: 65 Resp: 215566

Ion Ratio Lower Upper

65 100

92 72.4 56.6 84.8

138 114.7 88.6 133.0





#49

Acenaphthylene

Concen: 37.942 ng

RT: 9.775 min Scan# 11

Delta R.T. -0.006 min

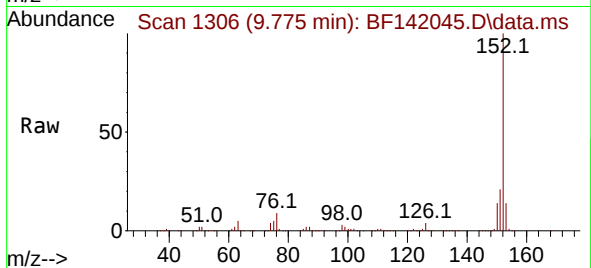
Lab File: BF142045.D

Acq: 24 Mar 2025 10:17

Instrument :

BNA_F

ClientSampleId :



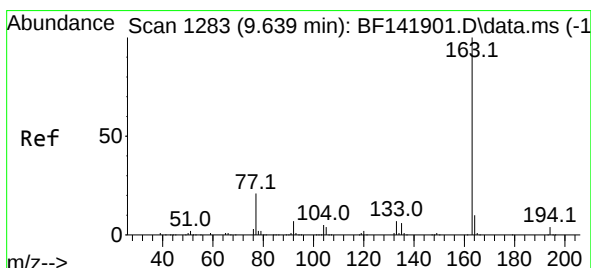
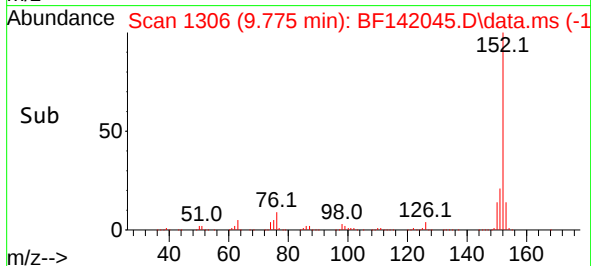
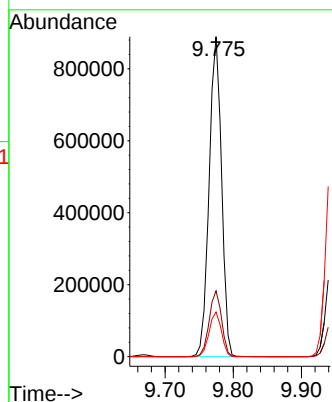
Tgt Ion:152 Resp: 1125339

Ion Ratio Lower Upper

152 100

151 20.5 16.3 24.5

153 13.9 11.1 16.7



#50

Dimethylphthalate

Concen: 37.393 ng

RT: 9.634 min Scan# 1282

Delta R.T. -0.006 min

Lab File: BF142045.D

Acq: 24 Mar 2025 10:17

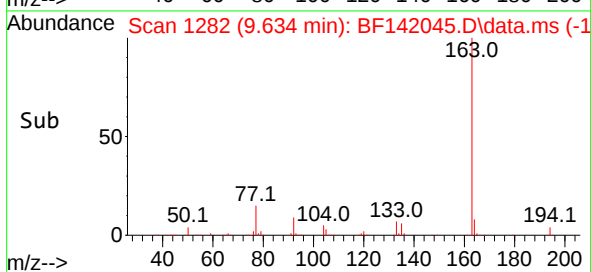
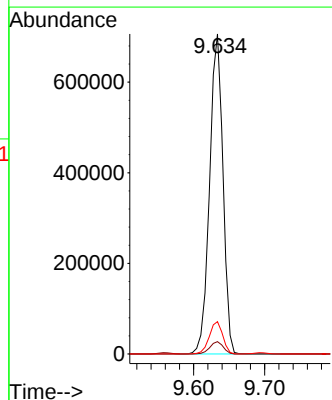
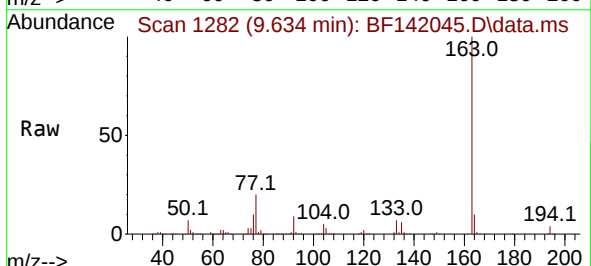
Tgt Ion:163 Resp: 924114

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

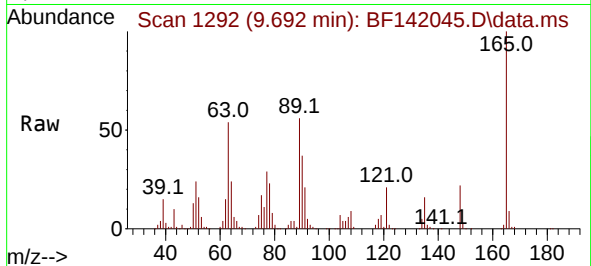
164 10.1 8.2 12.4



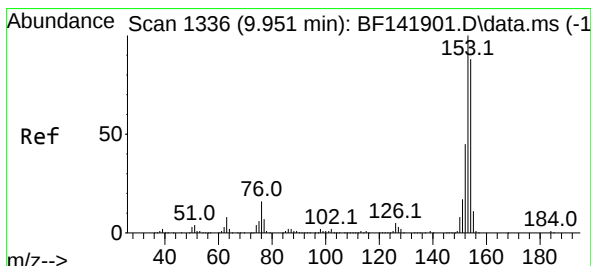
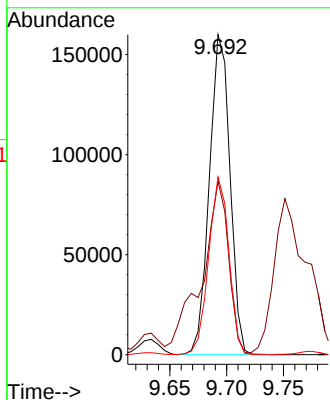
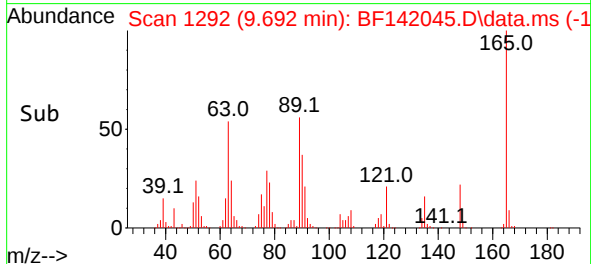


#51
2,6-Dinitrotoluene
Concen: 39.274 ng
RT: 9.692 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142045.D
Acq: 24 Mar 2025 10:17

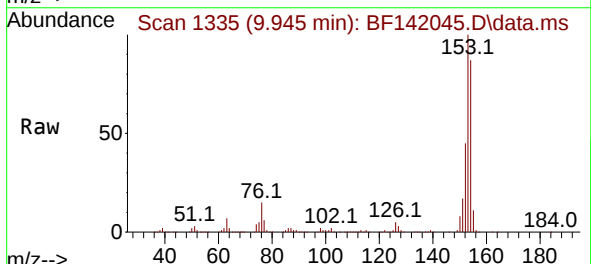
Instrument :
BNA_F
ClientSampleId :



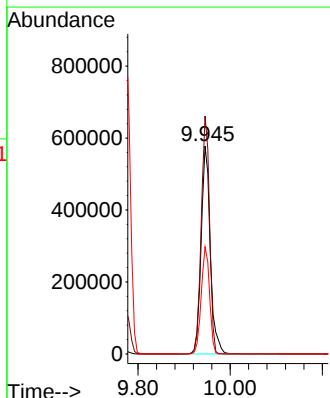
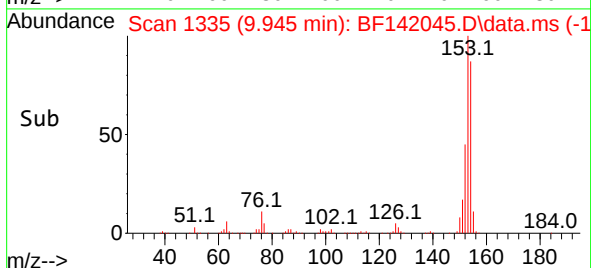
Tgt Ion:165 Resp: 202089
Ion Ratio Lower Upper
165 100
63 54.2 47.0 70.4
89 55.5 47.4 71.2

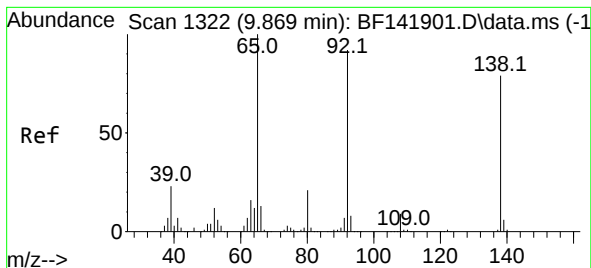


#52
Acenaphthene
Concen: 38.296 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF142045.D
Acq: 24 Mar 2025 10:17



Tgt Ion:154 Resp: 798202
Ion Ratio Lower Upper
154 100
153 114.5 90.7 136.1
152 51.5 41.1 61.7





#53

3-Nitroaniline

Concen: 37.118 ng

RT: 9.863 min Scan# 1321

Delta R.T. -0.006 min

Lab File: BF142045.D

Acq: 24 Mar 2025 10:17

Instrument :

BNA_F

ClientSampleId :

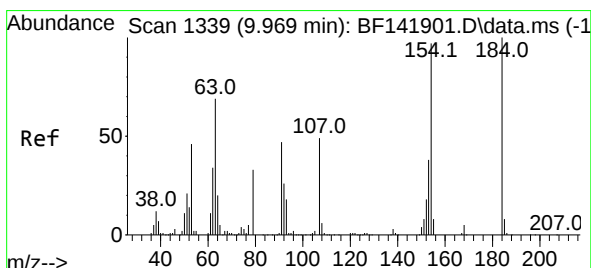
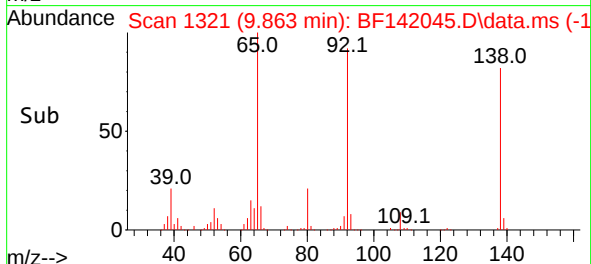
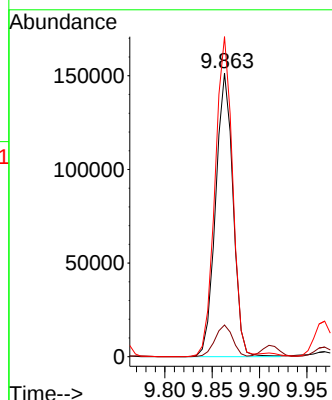
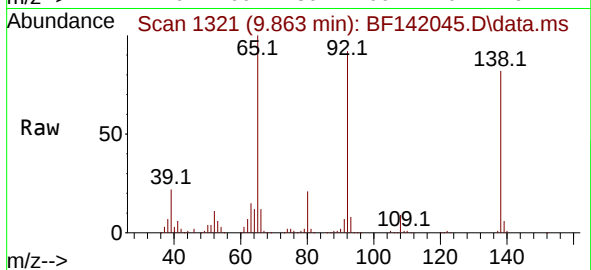
Tgt Ion:138 Resp: 193742

Ion Ratio Lower Upper

138 100

108 11.2 9.3 13.9

92 112.8 93.5 140.3



#54

2,4-Dinitrophenol

Concen: 38.547 ng

RT: 9.969 min Scan# 1339

Delta R.T. -0.000 min

Lab File: BF142045.D

Acq: 24 Mar 2025 10:17

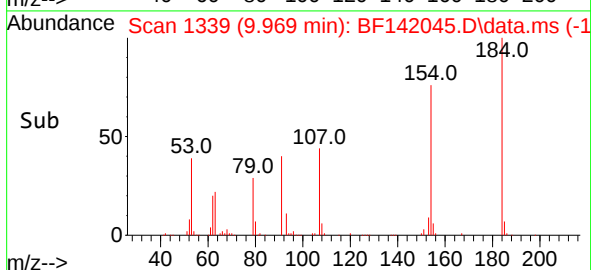
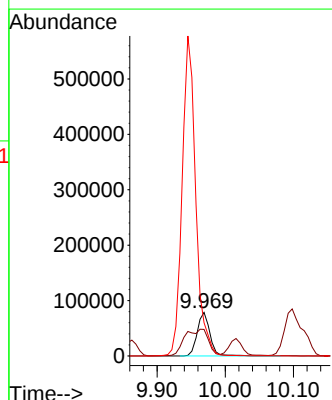
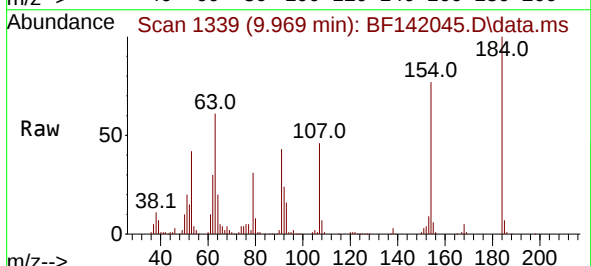
Tgt Ion:184 Resp: 101847

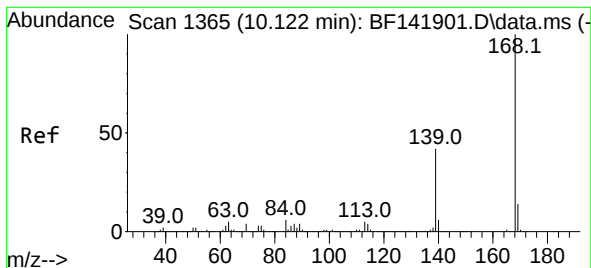
Ion Ratio Lower Upper

184 100

63 61.2 60.2 90.4

154 76.7 132.9 199.3#





#55

Dibenzenofuran

Concen: 37.712 ng

RT: 10.116 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142045.D

Acq: 24 Mar 2025 10:17

Instrument :

BNA_F

ClientSampleId :

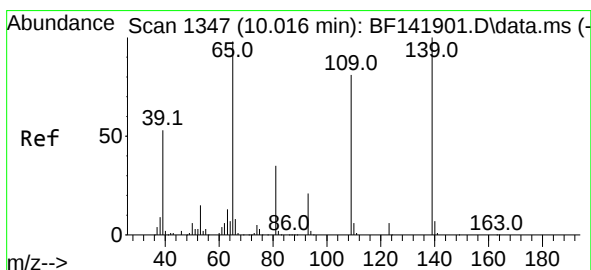
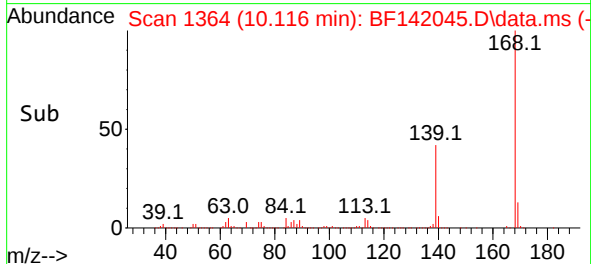
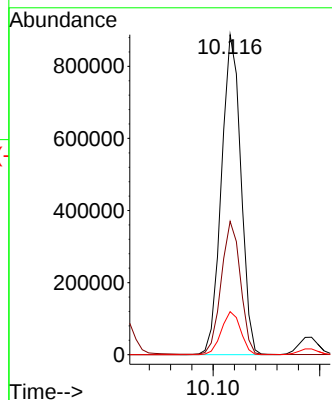
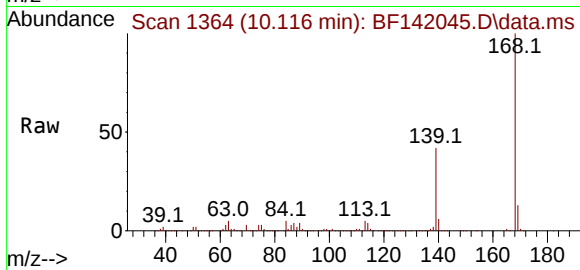
Tgt Ion:168 Resp: 1123145

Ion Ratio Lower Upper

168 100

139 41.6 33.9 50.9

169 13.4 11.0 16.4



#56

4-Nitrophenol

Concen: 37.235 ng

RT: 10.016 min Scan# 1347

Delta R.T. 0.000 min

Lab File: BF142045.D

Acq: 24 Mar 2025 10:17

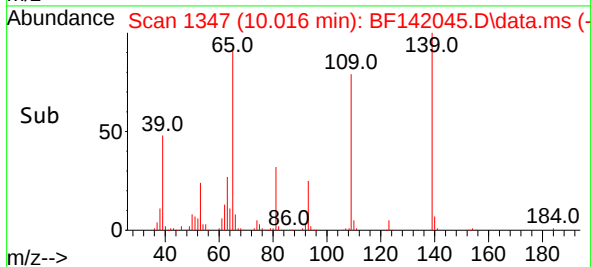
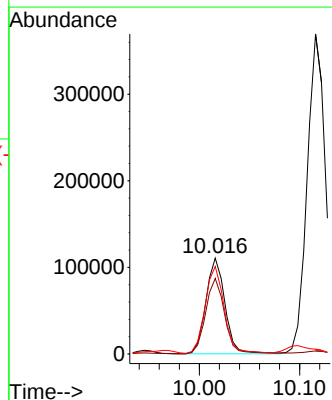
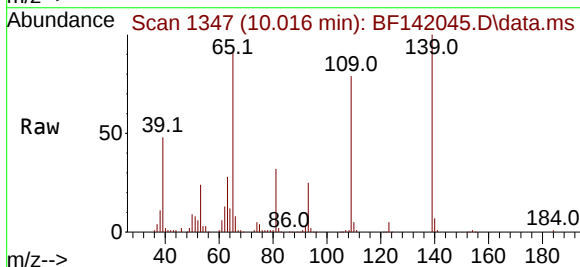
Tgt Ion:139 Resp: 146564

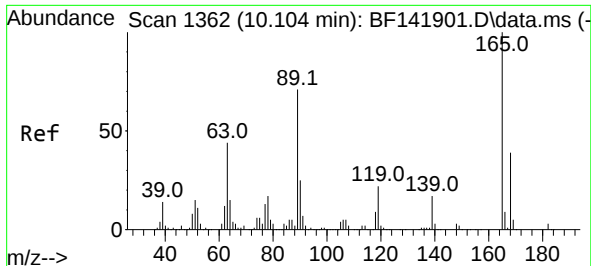
Ion Ratio Lower Upper

139 100

109 78.8 61.6 101.6

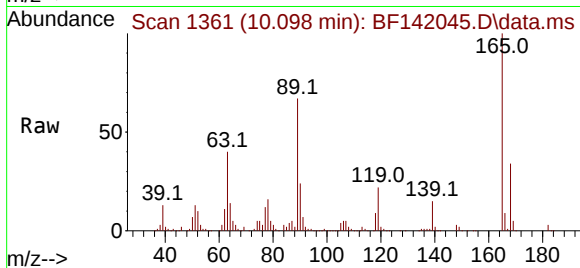
65 91.4 79.4 119.4



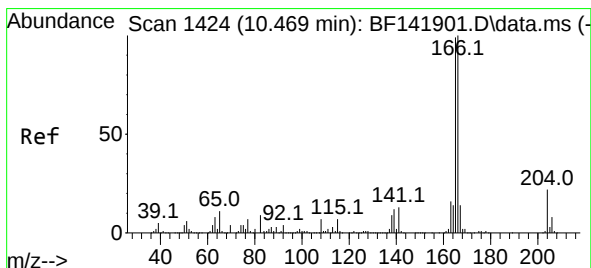
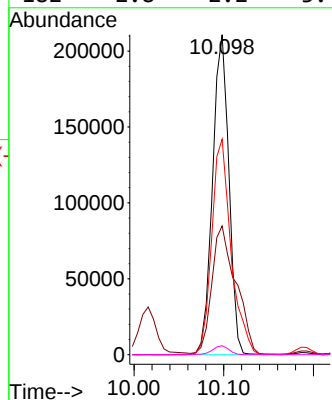
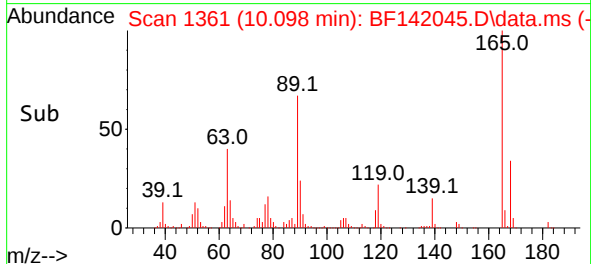


#57
2,4-Dinitrotoluene
Concen: 39.576 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.006 min
Lab File: BF142045.D
Acq: 24 Mar 2025 10:17

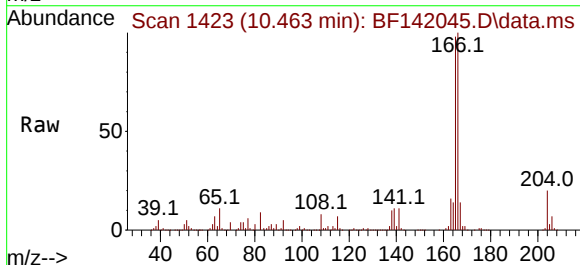
Instrument :
BNA_F
ClientSampleId :



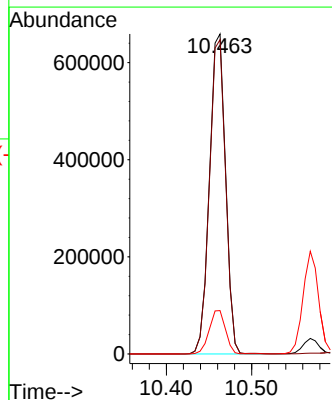
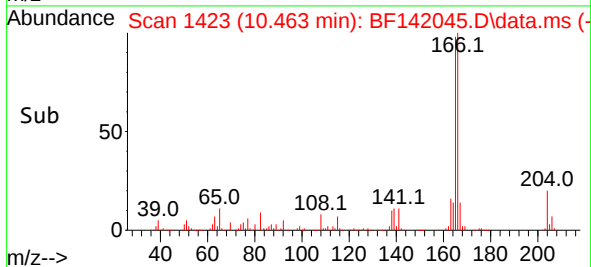
Tgt Ion:165 Resp: 265981
Ion Ratio Lower Upper
165 100
63 40.3 35.4 53.2
89 67.3 56.6 84.8
182 2.8 2.2 3.4



#58
Fluorene
Concen: 37.695 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF142045.D
Acq: 24 Mar 2025 10:17



Tgt Ion:166 Resp: 865754
Ion Ratio Lower Upper
166 100
165 98.2 79.0 118.4
167 13.6 11.0 16.4

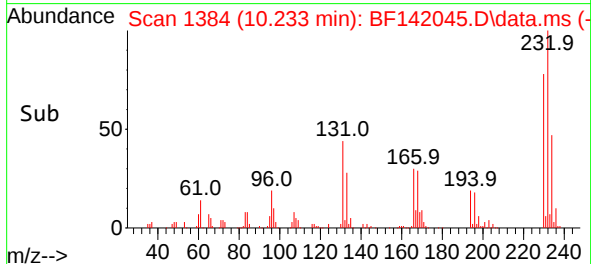
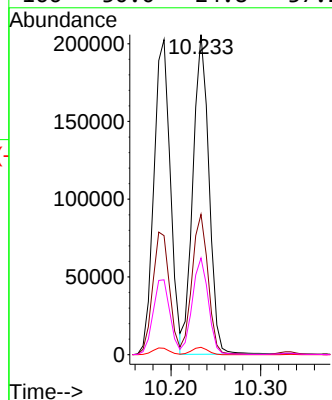
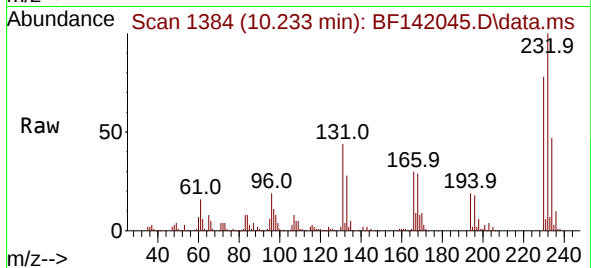




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.376 ng
RT: 10.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142045.D
Acq: 24 Mar 2025 10:17

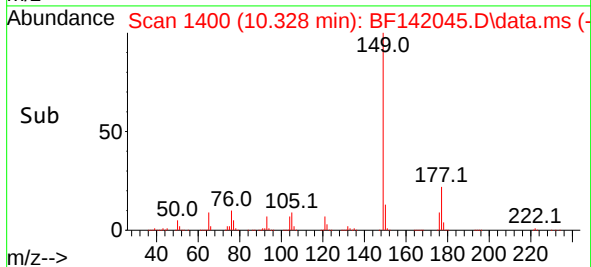
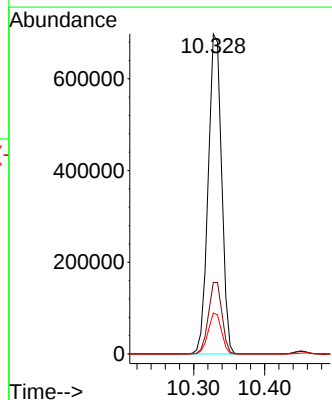
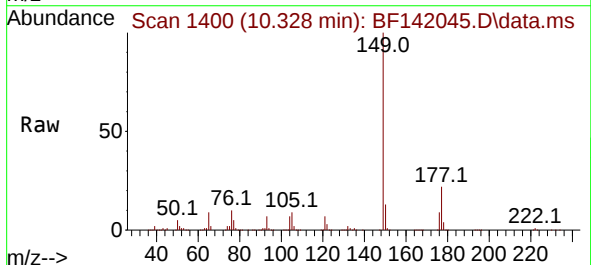
Instrument :
BNA_F
ClientSampleId :

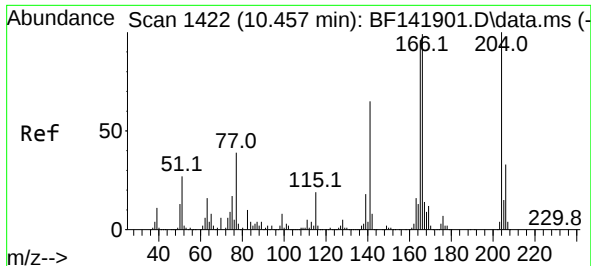
Tgt Ion:232 Resp: 254833
Ion Ratio Lower Upper
232 100
131 44.4 37.3 55.9
130 2.3 1.9 2.9
166 30.0 24.8 37.2



#60
Diethylphthalate
Concen: 37.278 ng
RT: 10.328 min Scan# 1400
Delta R.T. -0.012 min
Lab File: BF142045.D
Acq: 24 Mar 2025 10:17

Tgt Ion:149 Resp: 918617
Ion Ratio Lower Upper
149 100
177 22.4 18.0 27.0
150 12.8 10.2 15.4

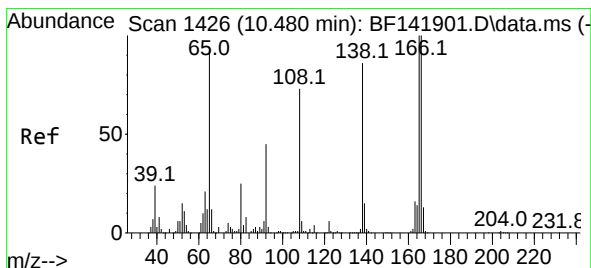
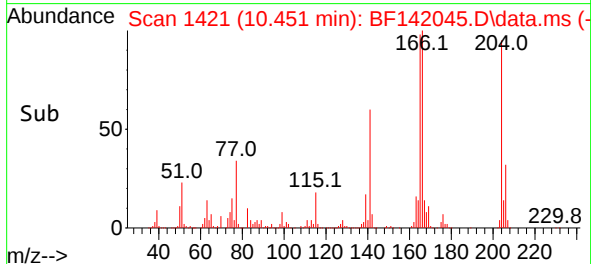
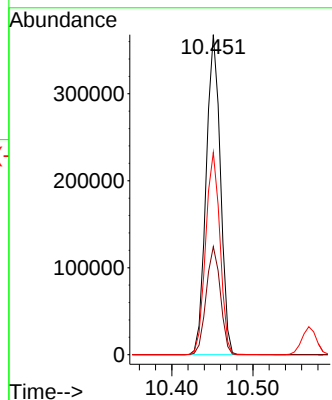
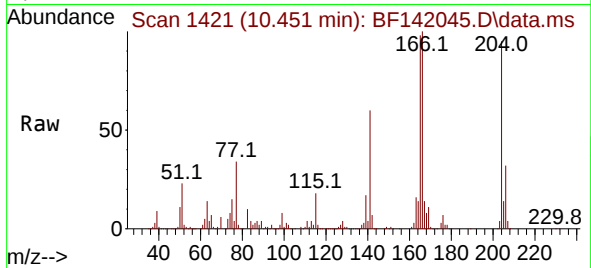




#61
4-Chlorophenyl-phenylether
Concen: 37.317 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF142045.D
Acq: 24 Mar 2025 10:17

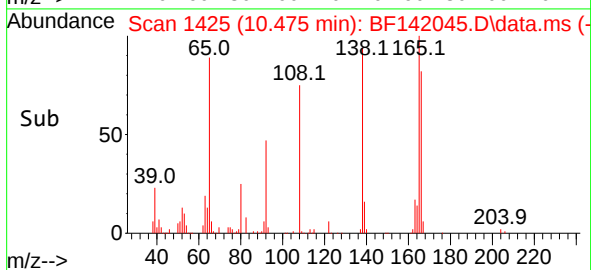
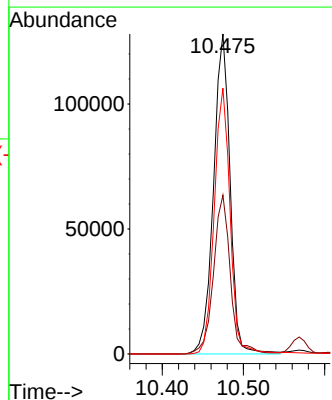
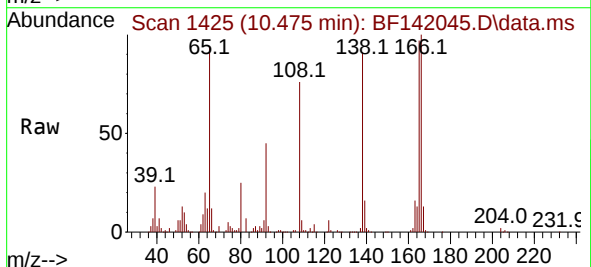
Instrument :
BNA_F
ClientSampleId :

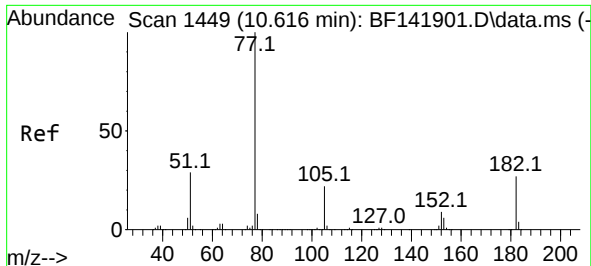
Tgt Ion:204 Resp: 446837
Ion Ratio Lower Upper
204 100
206 33.8 26.8 40.2
141 63.2 52.4 78.6



#62
4-Nitroaniline
Concen: 35.752 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF142045.D
Acq: 24 Mar 2025 10:17

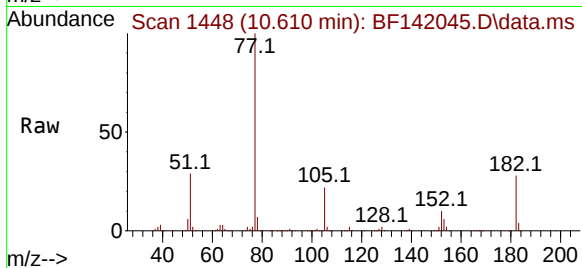
Tgt Ion:138 Resp: 181676
Ion Ratio Lower Upper
138 100
92 49.6 32.6 72.6
108 83.0 65.0 105.0



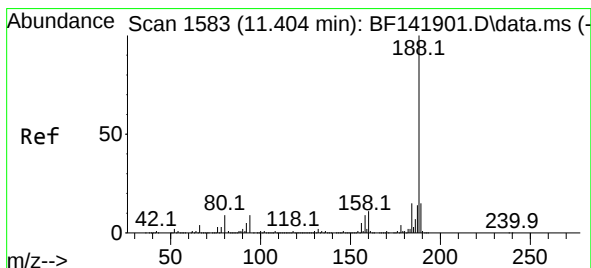
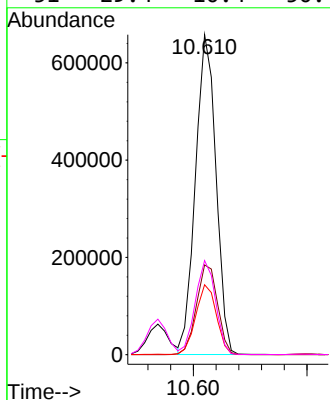
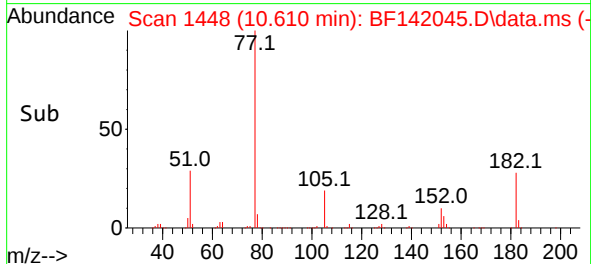


#63
Azobenzene
Concen: 36.056 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF142045.D
Acq: 24 Mar 2025 10:17

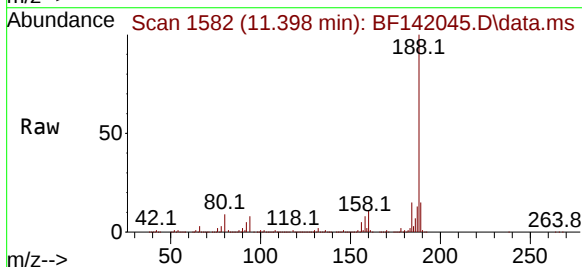
Instrument :
BNA_F
ClientSampleId :



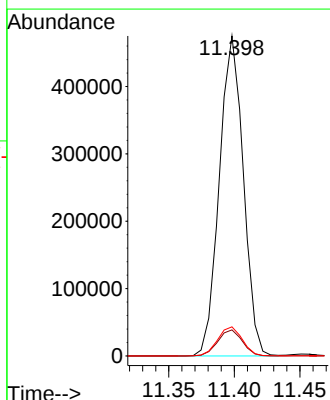
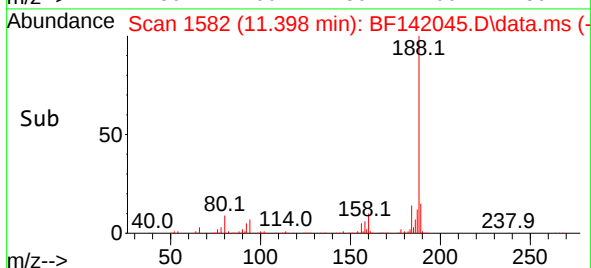
Tgt Ion: 77 Resp: 826070
Ion Ratio Lower Upper
77 100
182 28.1 6.6 46.6
105 21.9 1.3 41.3
51 29.4 10.4 50.4

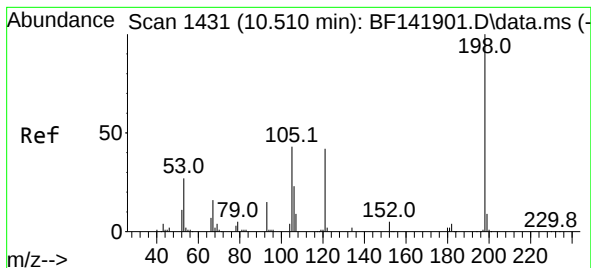


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF142045.D
Acq: 24 Mar 2025 10:17



Tgt Ion: 188 Resp: 604220
Ion Ratio Lower Upper
188 100
94 8.2 6.8 10.2
80 9.1 7.6 11.4

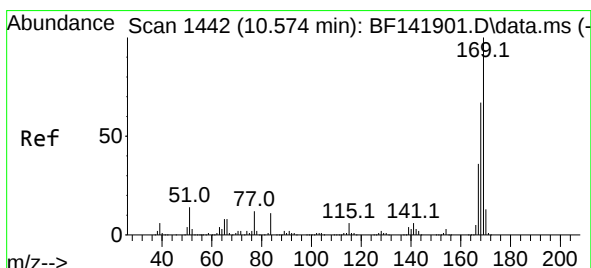
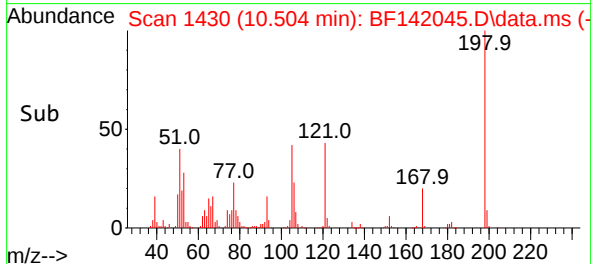
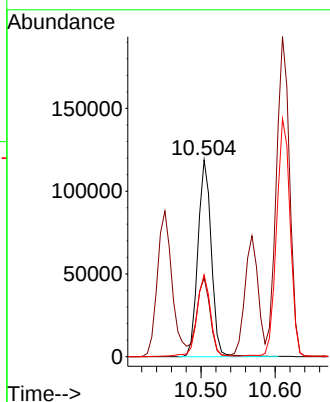
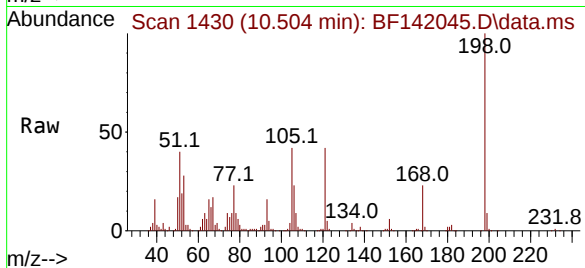




#65
4,6-Dinitro-2-methylphenol
Concen: 41.328 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF142045.D
Acq: 24 Mar 2025 10:17

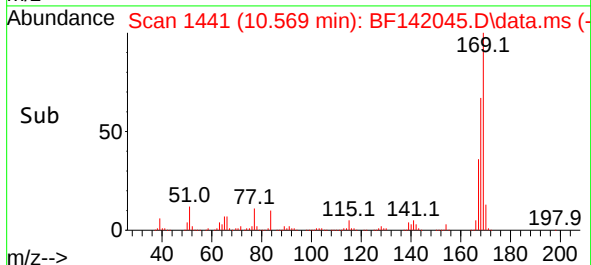
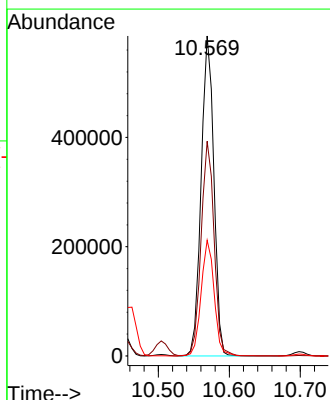
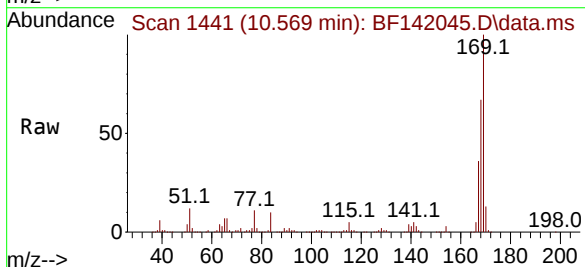
Instrument :
BNA_F
ClientSampleId :

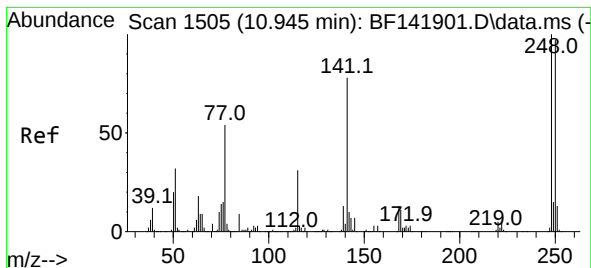
Tgt Ion:198 Resp: 148864
Ion Ratio Lower Upper
198 100
51 40.0 22.3 62.3
105 41.6 23.0 63.0



#66
n-Nitrosodiphenylamine
Concen: 37.373 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF142045.D
Acq: 24 Mar 2025 10:17

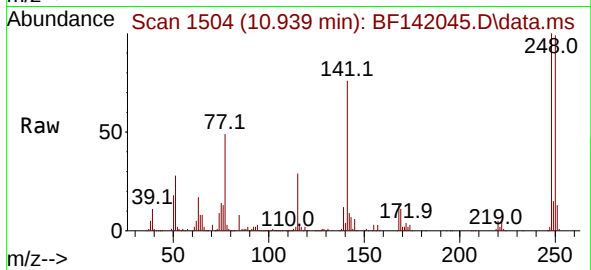
Tgt Ion:169 Resp: 730755
Ion Ratio Lower Upper
169 100
168 67.1 53.7 80.5
167 36.1 29.2 43.8



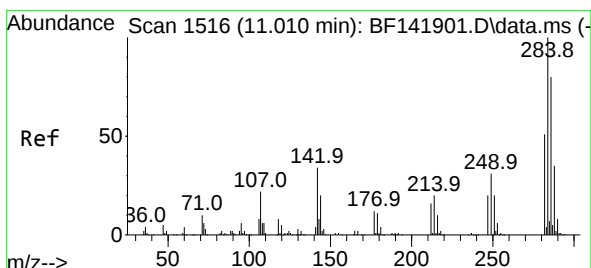
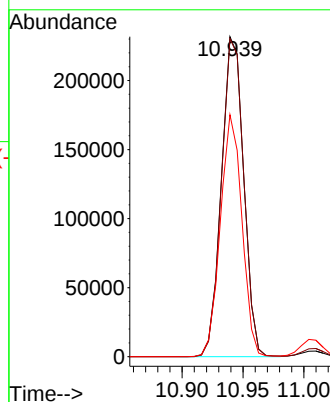
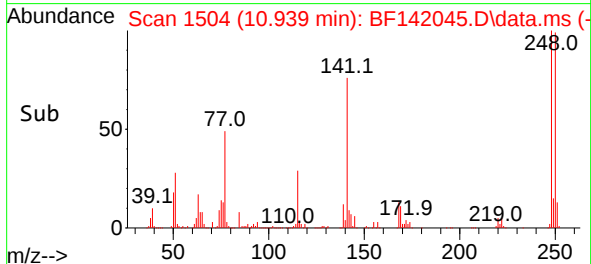


#67
4-Bromophenyl-phenylether
Concen: 38.825 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142045.D
Acq: 24 Mar 2025 10:17

Instrument :
BNA_F
ClientSampleId :

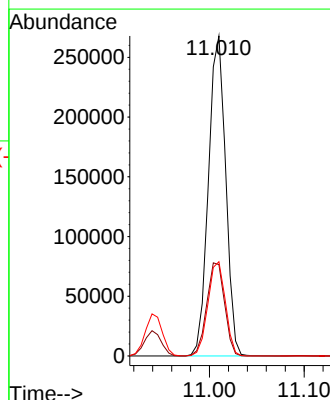
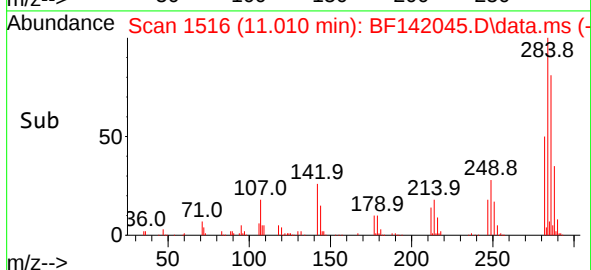
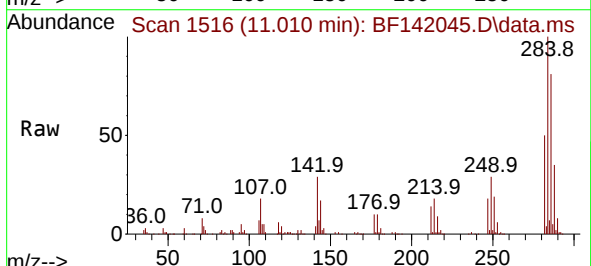


Tgt Ion:248 Resp: 294619
Ion Ratio Lower Upper
248 100
250 99.4 77.8 116.8
141 75.6 62.6 93.8



#68
Hexachlorobenzene
Concen: 40.650 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF142045.D
Acq: 24 Mar 2025 10:17

Tgt Ion:284 Resp: 338311
Ion Ratio Lower Upper
284 100
142 28.5 27.0 40.6
249 29.5 25.2 37.8





#69

Atrazine

Concen: 41.090 ng

RT: 11.092 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142045.D

Acq: 24 Mar 2025 10:17

Instrument :

BNA_F

ClientSampleId :

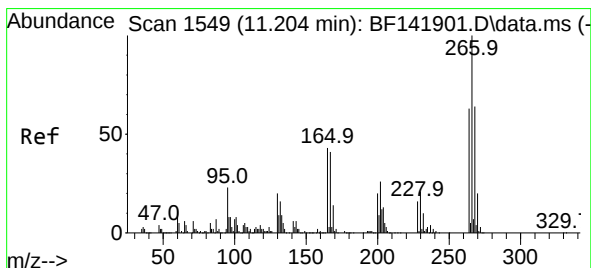
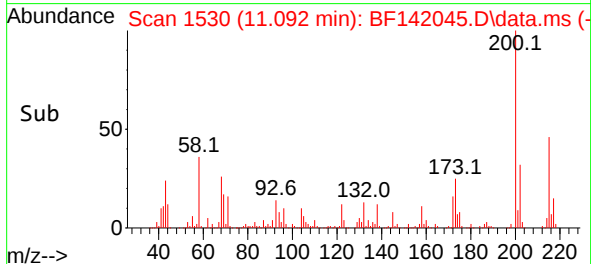
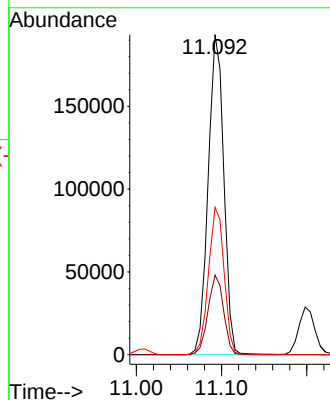
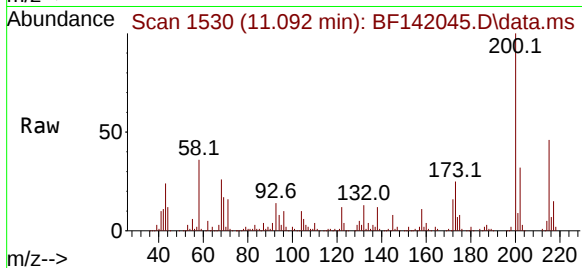
Tgt Ion:200 Resp: 246297

Ion Ratio Lower Upper

200 100

173 24.9 4.7 44.7

215 46.0 25.4 65.4



#70

Pentachlorophenol

Concen: 40.717 ng

RT: 11.198 min Scan# 1548

Delta R.T. -0.006 min

Lab File: BF142045.D

Acq: 24 Mar 2025 10:17

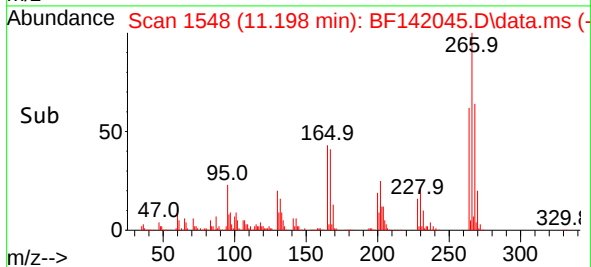
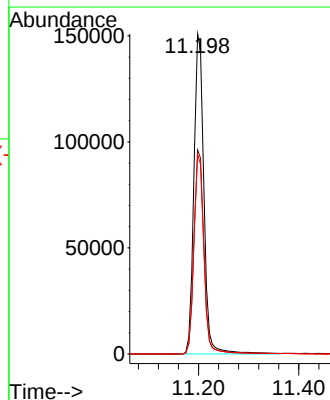
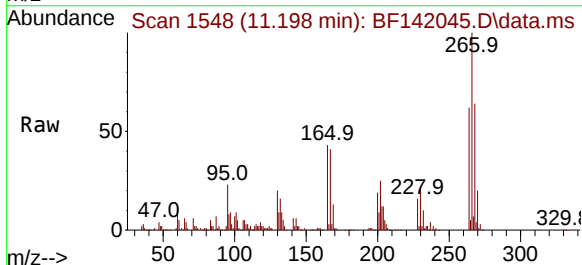
Tgt Ion:266 Resp: 208789

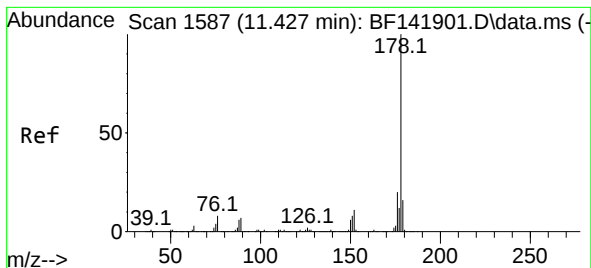
Ion Ratio Lower Upper

266 100

268 63.8 51.0 76.6

264 62.3 50.2 75.2





#71

Phenanthrene

Concen: 38.093 ng

RT: 11.422 min Scan# 1586

Delta R.T. -0.006 min

Lab File: BF142045.D

Acq: 24 Mar 2025 10:17

Instrument :

BNA_F

ClientSampleId :

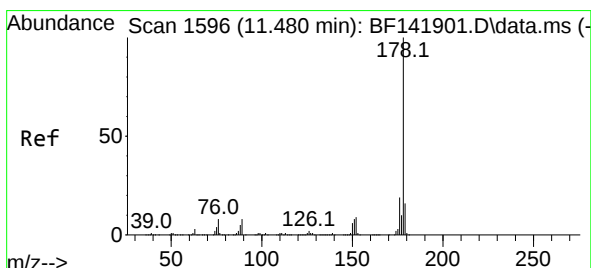
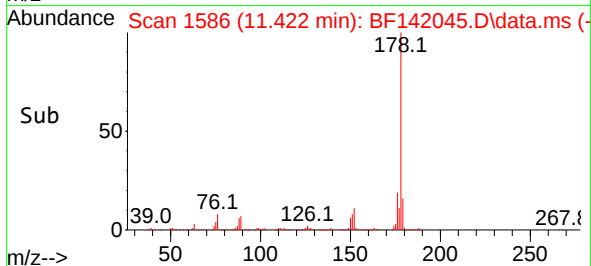
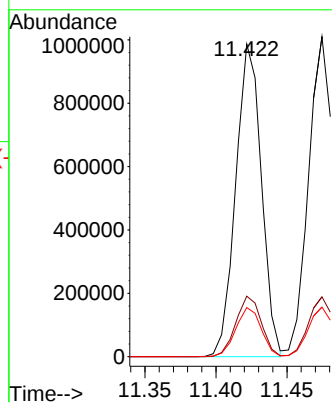
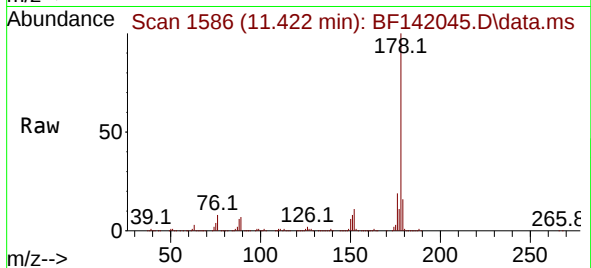
Tgt Ion:178 Resp: 1243190

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.8

179 15.7 12.6 19.0



#72

Anthracene

Concen: 38.245 ng

RT: 11.475 min Scan# 1595

Delta R.T. -0.006 min

Lab File: BF142045.D

Acq: 24 Mar 2025 10:17

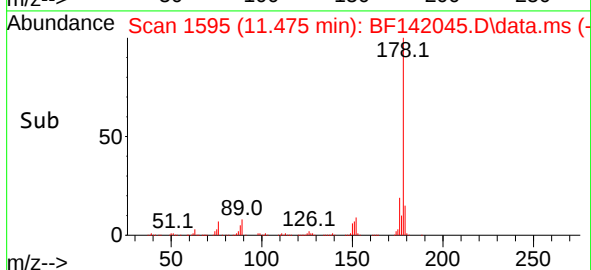
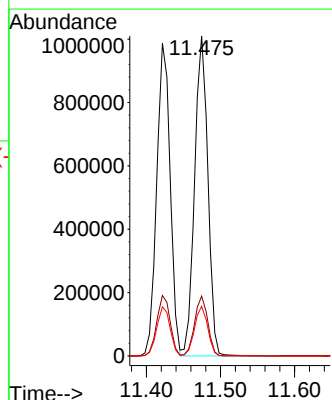
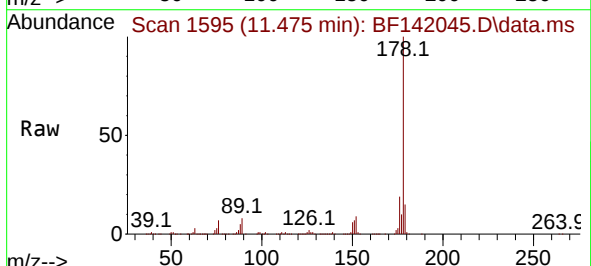
Tgt Ion:178 Resp: 1252218

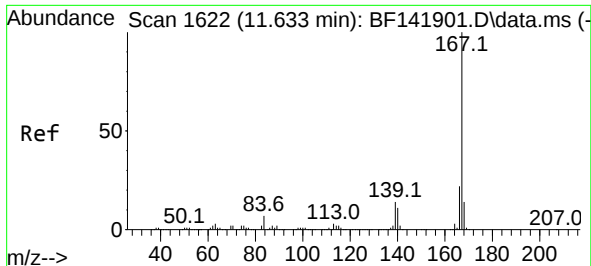
Ion Ratio Lower Upper

178 100

176 18.7 15.1 22.7

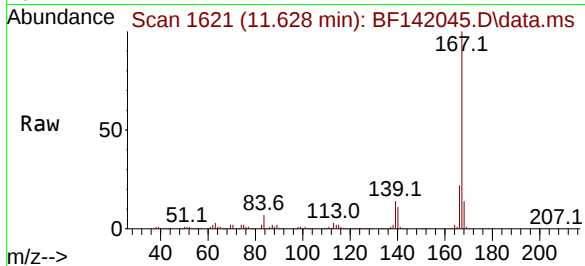
179 15.5 12.6 19.0



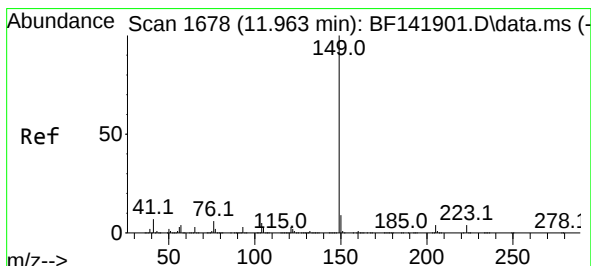
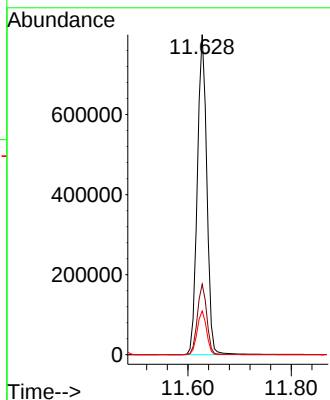
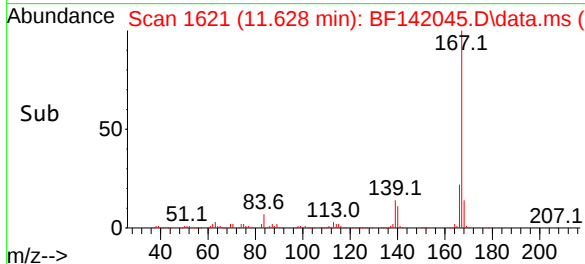


#73
 Carbazole
 Concen: 36.123 ng
 RT: 11.628 min Scan# 1621
 Delta R.T. -0.006 min
 Lab File: BF142045.D
 Acq: 24 Mar 2025 10:17

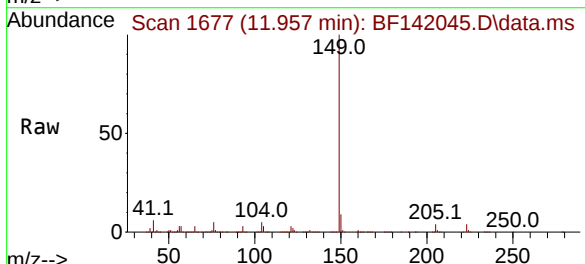
Instrument :
 BNA_F
 ClientSampleId :



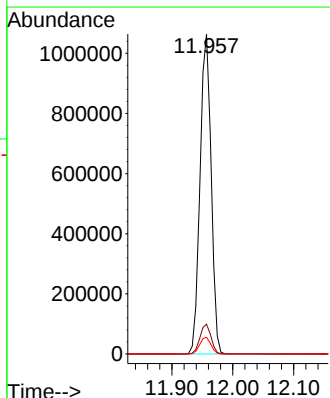
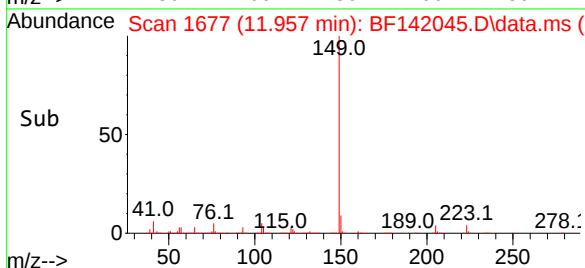
Tgt Ion:167 Resp: 1020033
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.2
 139 13.6 11.0 16.6

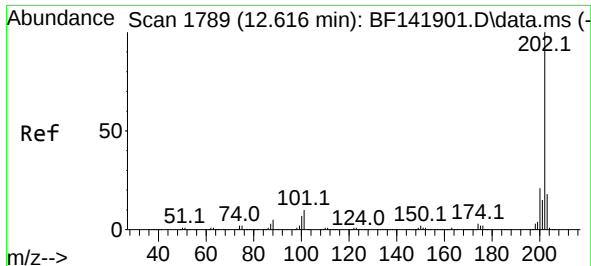


#74
 Di-n-butylphthalate
 Concen: 35.811 ng
 RT: 11.957 min Scan# 1677
 Delta R.T. -0.006 min
 Lab File: BF142045.D
 Acq: 24 Mar 2025 10:17



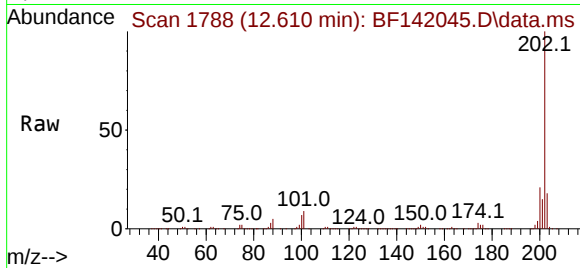
Tgt Ion:149 Resp: 1341741
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.6 11.4
 104 5.2 4.4 6.6



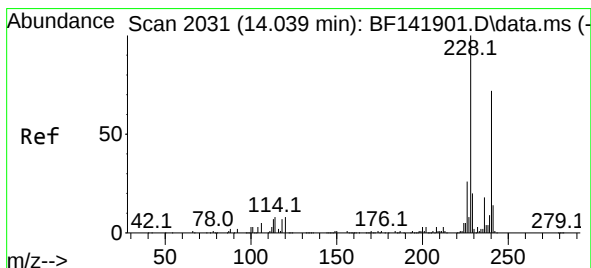
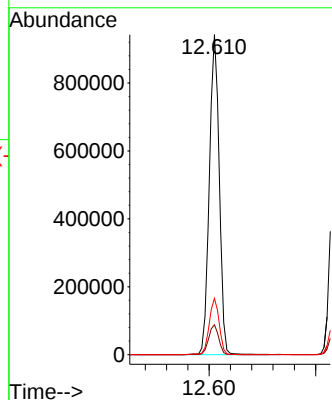
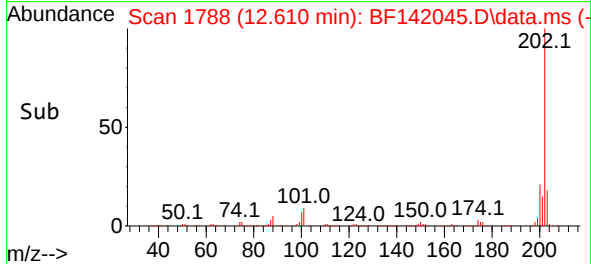


#75
Fluoranthene
Concen: 35.085 ng
RT: 12.610 min Scan# 1789
Delta R.T. -0.006 min
Lab File: BF142045.D
Acq: 24 Mar 2025 10:17

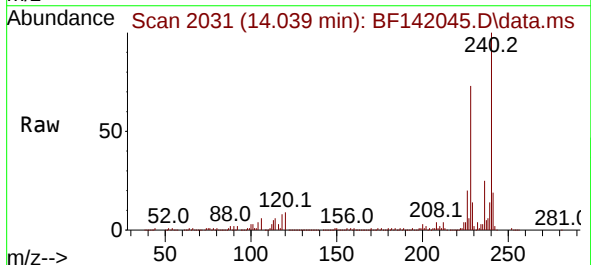
Instrument :
BNA_F
ClientSampleId :



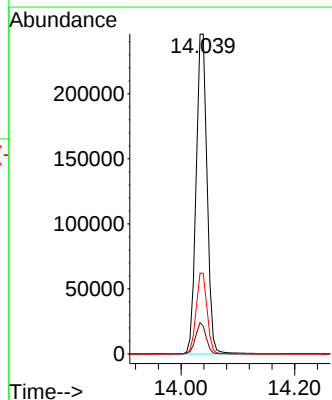
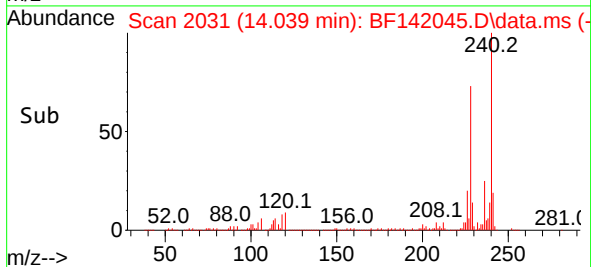
Tgt Ion:202 Resp: 1214625
Ion Ratio Lower Upper
202 100
101 9.4 0.0 29.7
203 17.6 0.0 37.8

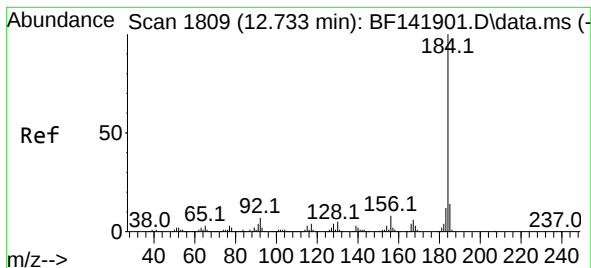


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF142045.D
Acq: 24 Mar 2025 10:17



Tgt Ion:240 Resp: 331741
Ion Ratio Lower Upper
240 100
120 8.7 8.4 12.6
236 25.2 20.5 30.7





#77

Benzidine

Concen: 36.951 ng

RT: 12.727 min Scan# 1808

Delta R.T. -0.006 min

Lab File: BF142045.D

Acq: 24 Mar 2025 10:17

Instrument :

BNA_F

ClientSampleId :

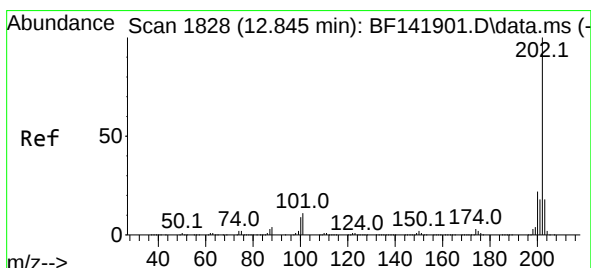
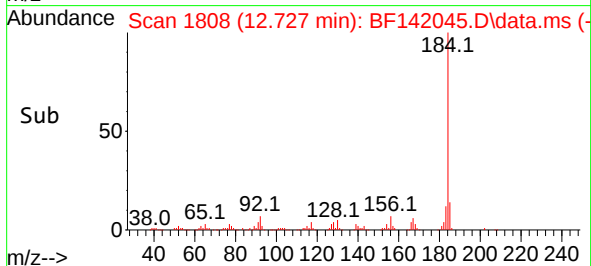
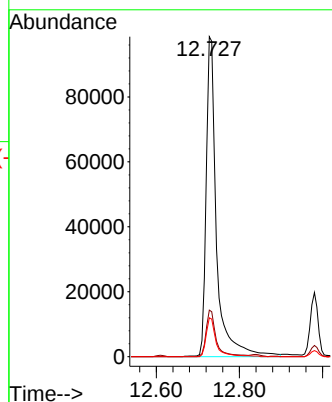
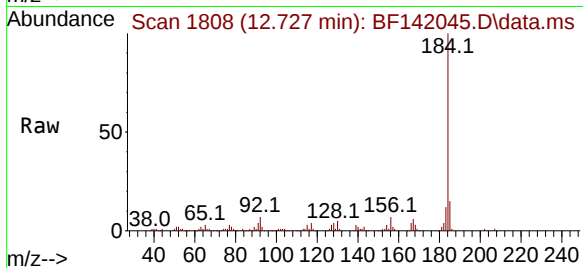
Tgt Ion:184 Resp: 171026

Ion Ratio Lower Upper

184 100

185 14.6 11.5 17.3

183 12.2 9.7 14.5



#78

Pyrene

Concen: 41.768 ng

RT: 12.839 min Scan# 1827

Delta R.T. -0.006 min

Lab File: BF142045.D

Acq: 24 Mar 2025 10:17

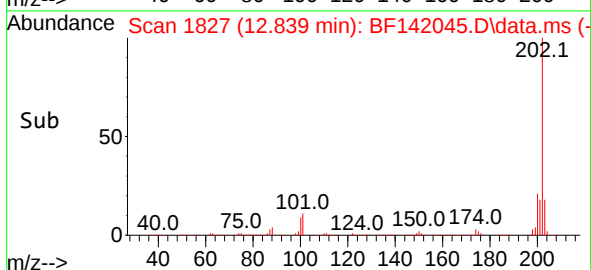
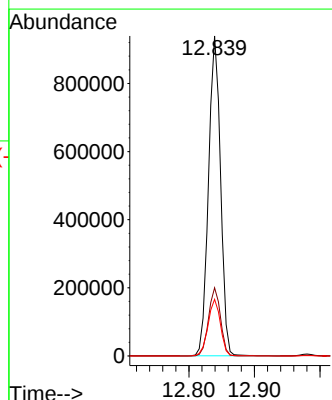
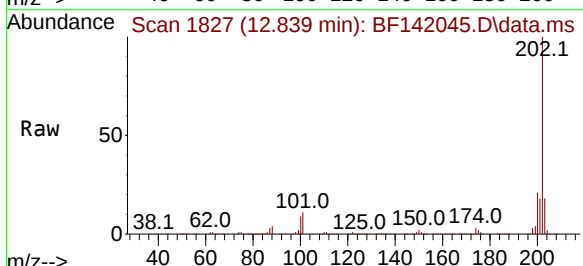
Tgt Ion:202 Resp: 1198573

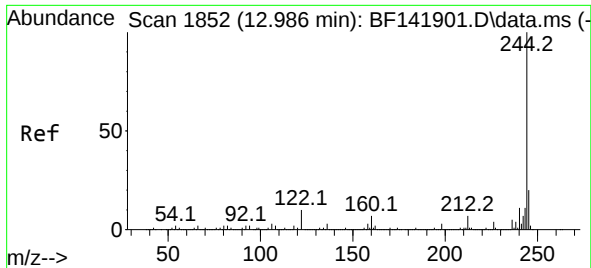
Ion Ratio Lower Upper

202 100

200 21.3 17.3 25.9

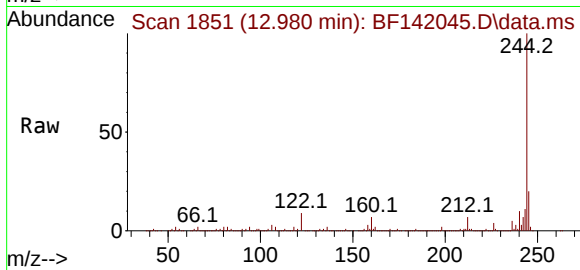
203 17.7 14.4 21.6



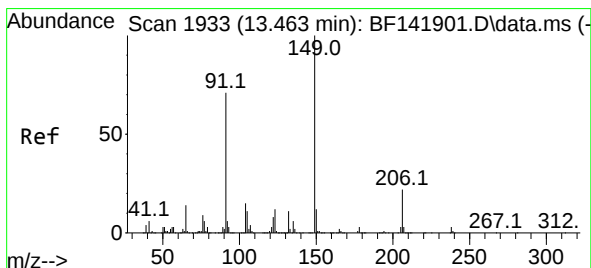
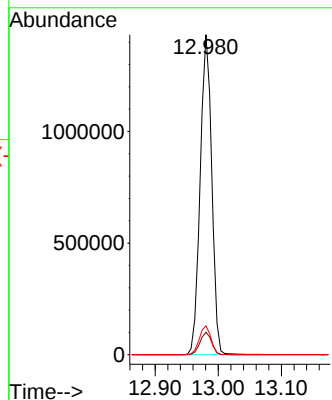
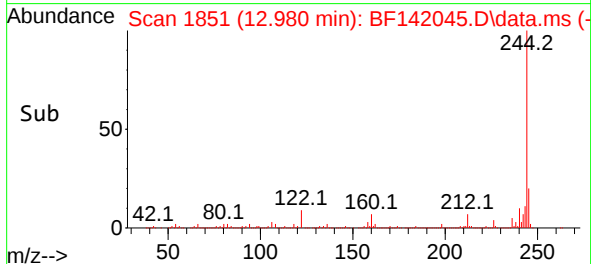


#79
 Terphenyl-d14
 Concen: 81.243 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF142045.D
 Acq: 24 Mar 2025 10:17

Instrument :
 BNA_F
 ClientSampleId :

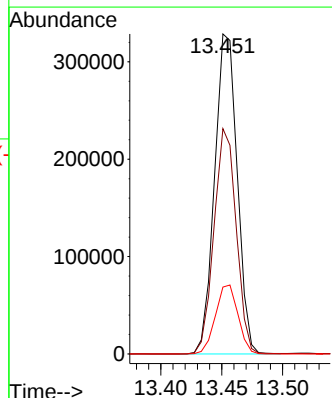
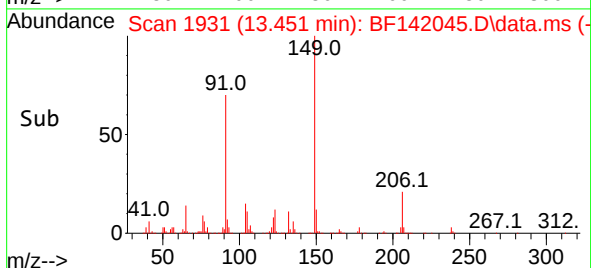
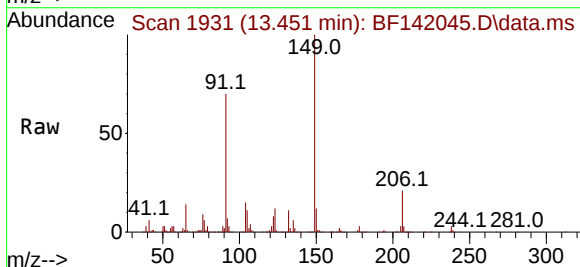


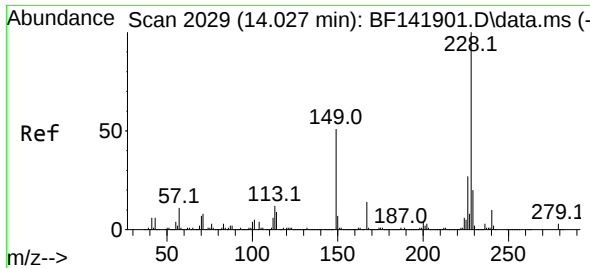
Tgt Ion:244 Resp: 1822970
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 9.0 7.7 11.5



#80
 Butylbenzylphthalate
 Concen: 37.906 ng
 RT: 13.451 min Scan# 1931
 Delta R.T. -0.012 min
 Lab File: BF142045.D
 Acq: 24 Mar 2025 10:17

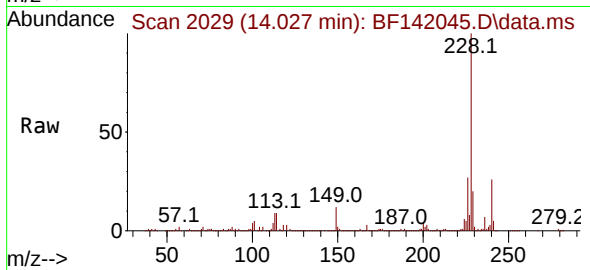
Tgt Ion:149 Resp: 425748
 Ion Ratio Lower Upper
 149 100
 91 70.4 56.5 84.7
 206 20.9 17.3 25.9



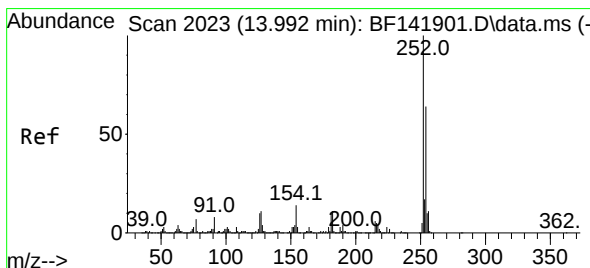
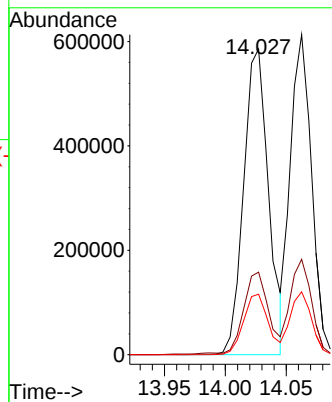
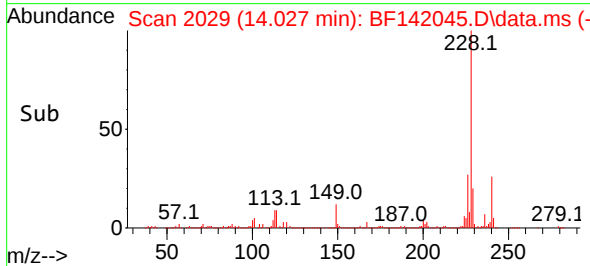


#81
Benzo(a)anthracene
Concen: 38.337 ng
RT: 14.027 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF142045.D
Acq: 24 Mar 2025 10:17

Instrument :
BNA_F
ClientSampleId :

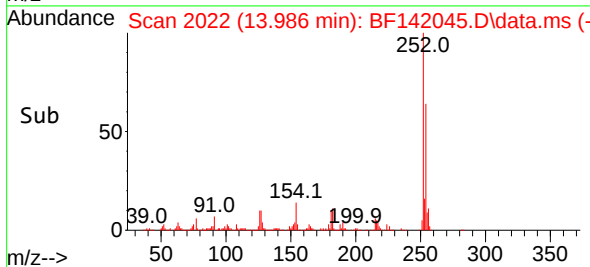
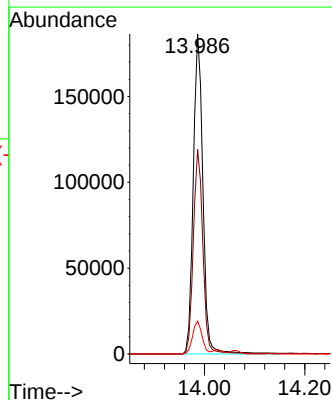
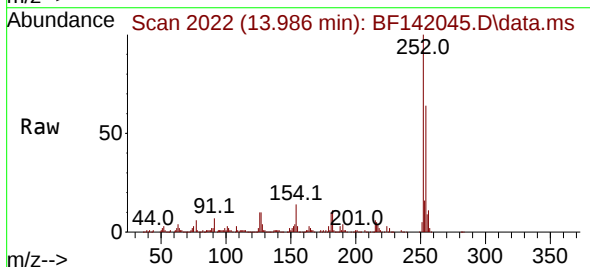


Tgt Ion:228 Resp: 834550
Ion Ratio Lower Upper
228 100
226 27.0 21.8 32.8
229 19.8 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 39.468 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF142045.D
Acq: 24 Mar 2025 10:17

Tgt Ion:252 Resp: 248290
Ion Ratio Lower Upper
252 100
254 63.9 51.0 76.6
126 10.2 8.4 12.6





#83

Chrysene

Concen: 38.099 ng

RT: 14.063 min Scan# 2036

Delta R.T. -0.006 min

Lab File: BF142045.D

Acq: 24 Mar 2025 10:17

Instrument :

BNA_F

ClientSampleId :

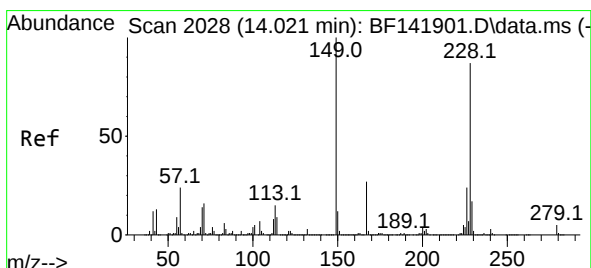
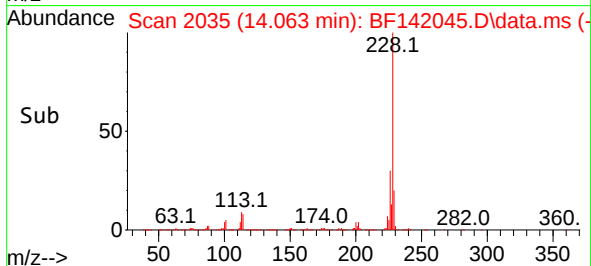
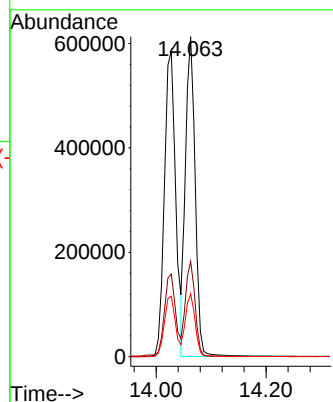
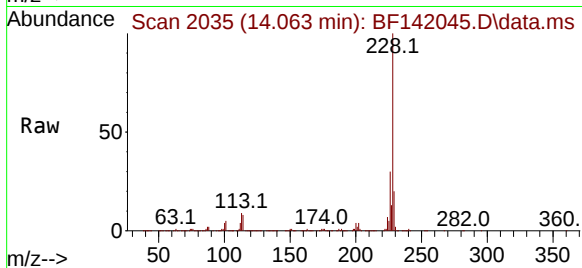
Tgt Ion:228 Resp: 751793

Ion Ratio Lower Upper

228 100

226 29.8 24.1 36.1

229 19.7 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 35.812 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.012 min

Lab File: BF142045.D

Acq: 24 Mar 2025 10:17

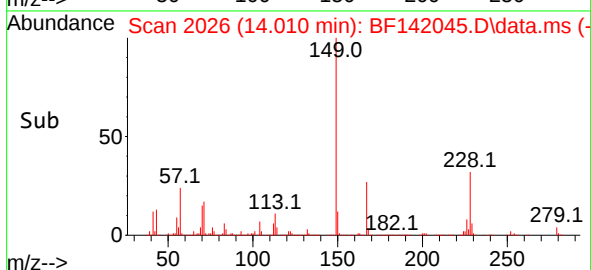
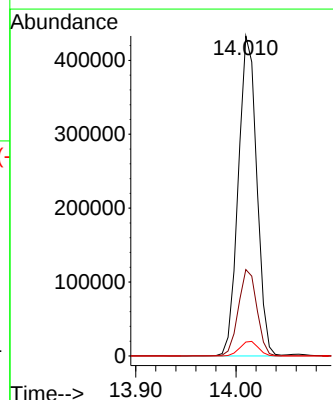
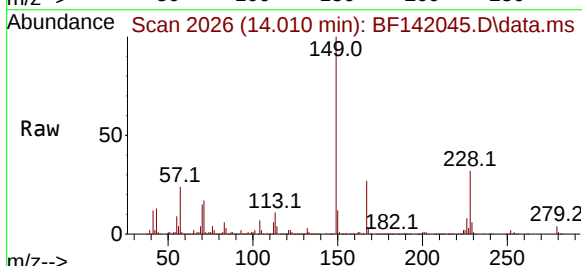
Tgt Ion:149 Resp: 554591

Ion Ratio Lower Upper

149 100

167 27.0 21.4 32.0

279 4.4 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 38.685 ng

RT: 14.621 min Scan# 2130

Delta R.T. -0.012 min

Lab File: BF142045.D

Acq: 24 Mar 2025 10:17

Instrument :

BNA_F

ClientSampleId :

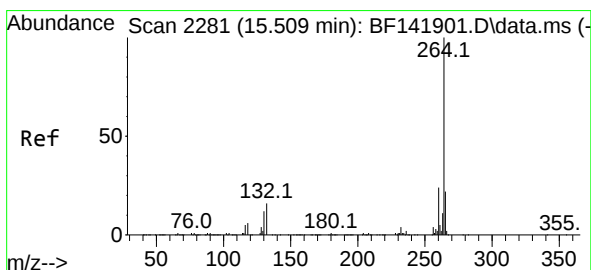
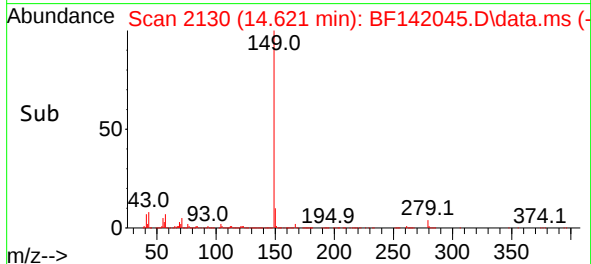
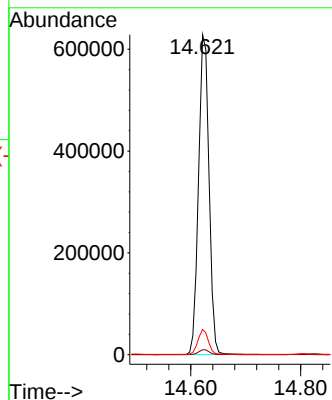
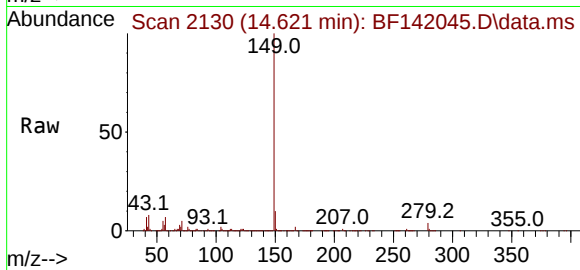
Tgt Ion:149 Resp: 833563

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.8 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 2281

Delta R.T. 0.000 min

Lab File: BF142045.D

Acq: 24 Mar 2025 10:17

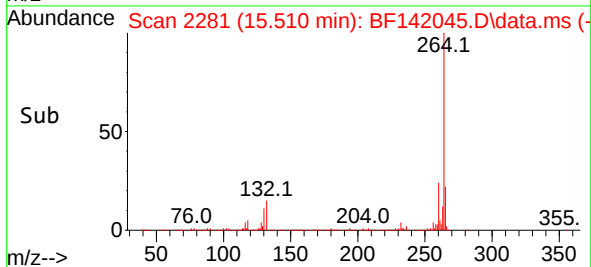
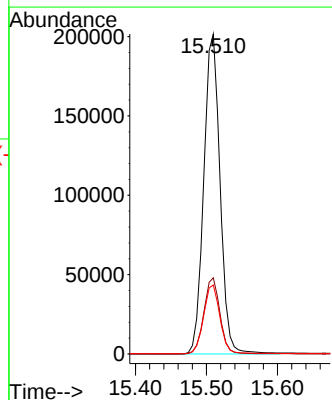
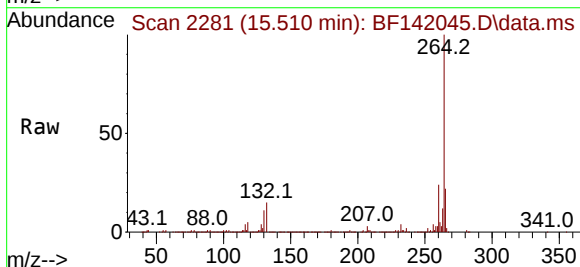
Tgt Ion:264 Resp: 322359

Ion Ratio Lower Upper

264 100

260 23.8 19.1 28.7

265 21.5 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 34.723 ng

RT: 16.998 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF142045.D

Acq: 24 Mar 2025 10:17

Instrument :

BNA_F

ClientSampleId :

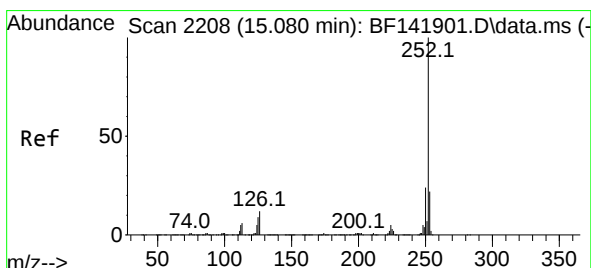
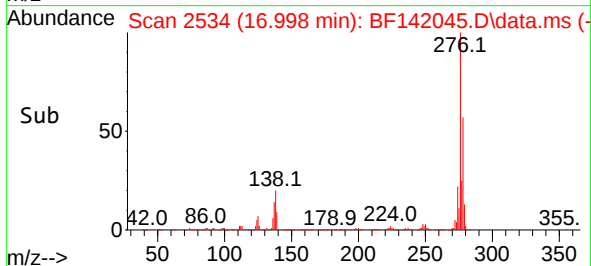
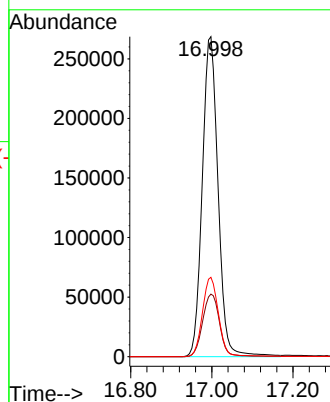
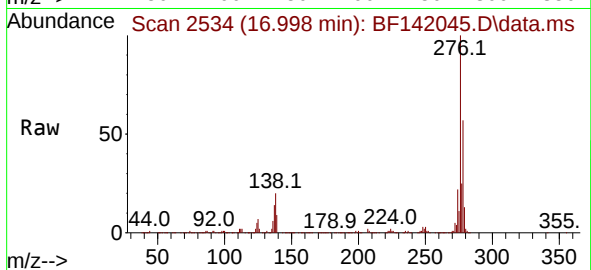
Tgt Ion:276 Resp: 724070

Ion Ratio Lower Upper

276 100

138 21.2 18.4 27.6

277 25.2 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 38.396 ng

RT: 15.074 min Scan# 2207

Delta R.T. -0.006 min

Lab File: BF142045.D

Acq: 24 Mar 2025 10:17

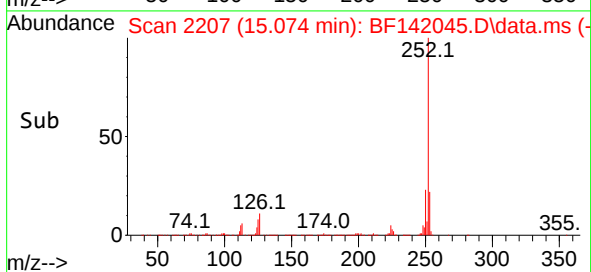
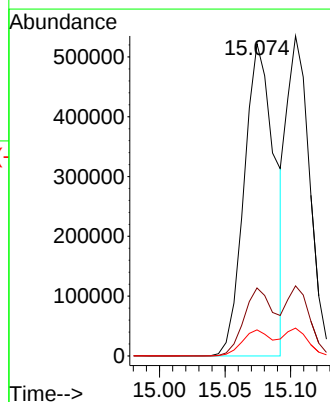
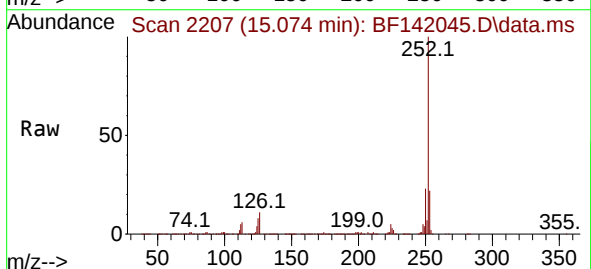
Tgt Ion:252 Resp: 848296

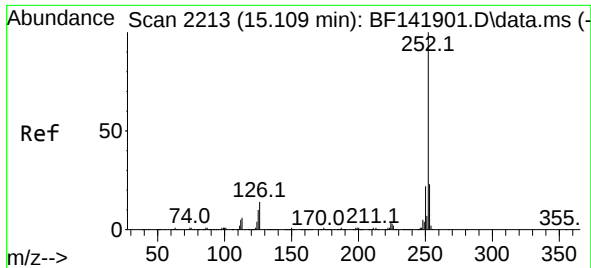
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 8.4 7.0 10.4

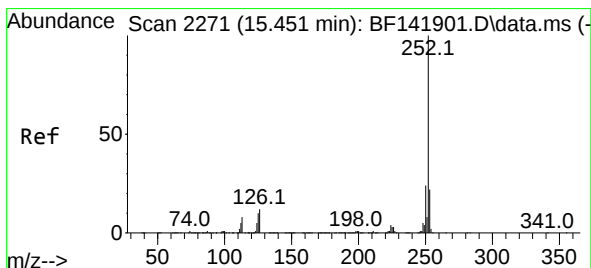
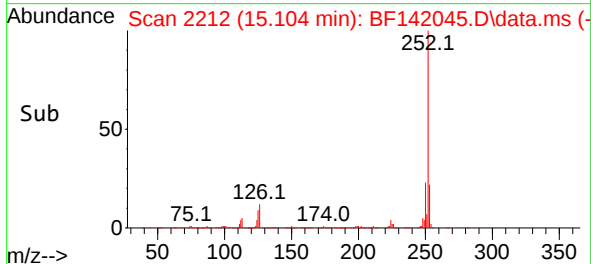
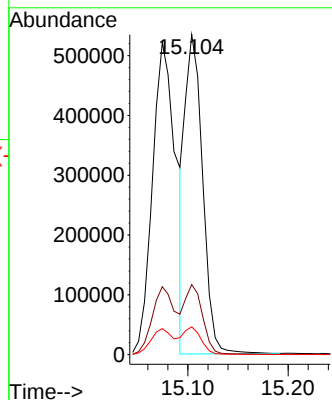
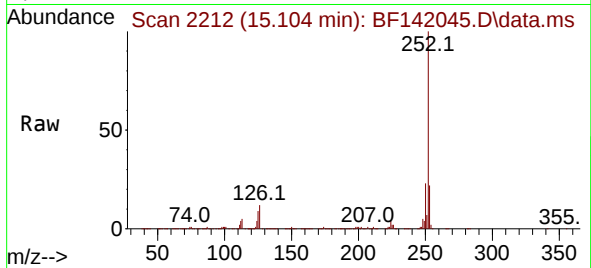




#89
Benzo(k)fluoranthene
Concen: 34.593 ng
RT: 15.104 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142045.D
Acq: 24 Mar 2025 10:17

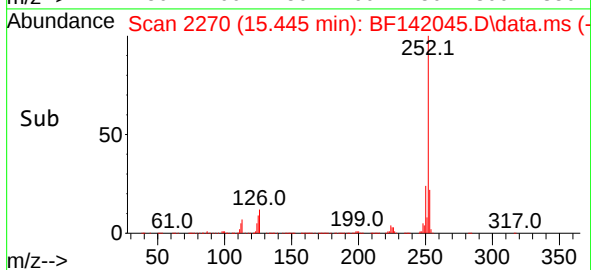
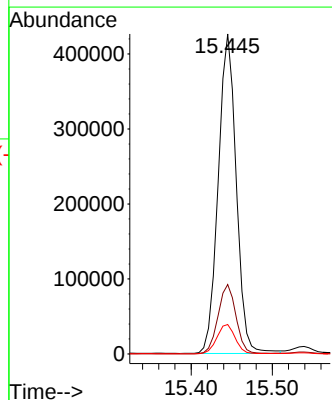
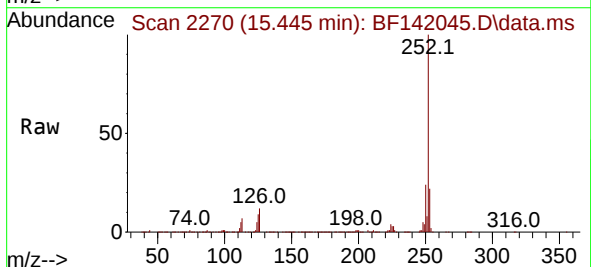
Instrument :
BNA_F
ClientSampleId :

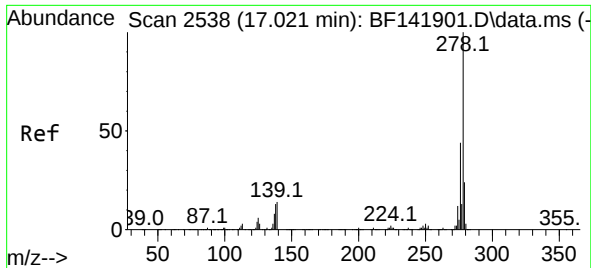
Tgt Ion:252 Resp: 654042
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 8.7 7.2 10.8



#90
Benzo(a)pyrene
Concen: 38.063 ng
RT: 15.445 min Scan# 2270
Delta R.T. -0.006 min
Lab File: BF142045.D
Acq: 24 Mar 2025 10:17

Tgt Ion:252 Resp: 657995
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 9.2 7.8 11.8

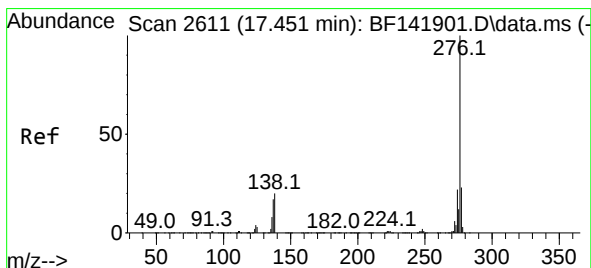
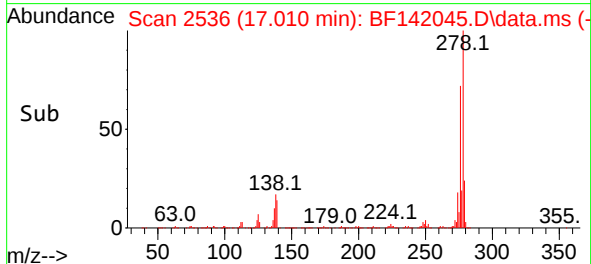
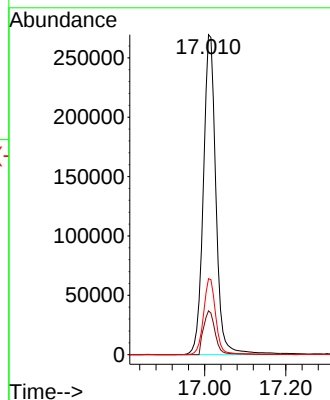
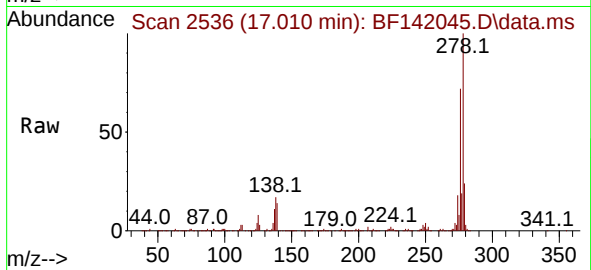




#91
 Dibenzo(a,h)anthracene
 Concen: 33.794 ng
 RT: 17.010 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF142045.D
 Acq: 24 Mar 2025 10:17

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:278 Resp: 581442
 Ion Ratio Lower Upper
 278 100
 139 13.7 11.4 17.2
 279 23.7 18.8 28.2



#92
 Benzo(g,h,i)perylene
 Concen: 34.375 ng
 RT: 17.445 min Scan# 2610
 Delta R.T. -0.006 min
 Lab File: BF142045.D
 Acq: 24 Mar 2025 10:17

Tgt Ion:276 Resp: 584456
 Ion Ratio Lower Upper
 276 100
 277 23.6 18.7 28.1
 138 17.9 15.8 23.8

