

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032525\
 Data File : BF142075.D
 Acq On : 25 Mar 2025 13:37
 Operator : RC/JU
 Sample : PB167230BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167230BS

Quant Time: Mar 25 14:16:44 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	128560	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	512281	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	298467	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	542673	20.000	ng	0.00
76) Chrysene-d12	14.033	240	312615	20.000	ng	0.00
86) Perylene-d12	15.509	264	273062	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1102422	143.116	ng	0.01
7) Phenol-d6	6.504	99	1380409	140.749	ng	0.00
23) Nitrobenzene-d5	7.439	82	909188	99.878	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	660448	174.424	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1965183	100.134	ng	0.00
79) Terphenyl-d14	12.980	244	2528847	119.597	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	137594	42.631	ng	98
3) Pyridine	3.498	79	314658	39.744	ng	98
4) n-Nitrosodimethylamine	3.440	42	160465	42.519	ng	98
6) Aniline	6.534	93	377937	39.063	ng	95
8) 2-Chlorophenol	6.657	128	407414	47.689	ng	98
9) Benzaldehyde	6.422	77	100724	18.363	ng	97
10) Phenol	6.516	94	469630	45.516	ng	95
11) bis(2-Chloroethyl)ether	6.610	93	346865	44.771	ng	97
12) 1,3-Dichlorobenzene	6.816	146	423428	45.908	ng	99
13) 1,4-Dichlorobenzene	6.892	146	434352	46.544	ng	99
14) 1,2-Dichlorobenzene	7.045	146	420657	47.857	ng	97
15) Benzyl Alcohol	7.016	79	351584	44.342	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	377879	40.400	ng	94
17) 2-Methylphenol	7.122	107	326487	48.064	ng	99
18) Hexachloroethane	7.386	117	163317	46.670	ng	95
19) n-Nitroso-di-n-propyla...	7.286	70	266744	42.327	ng	99
20) 3+4-Methylphenols	7.275	107	405374	46.591	ng	# 85
22) Acetophenone	7.281	105	603907	49.227	ng	97
24) Nitrobenzene	7.457	77	411607	45.484	ng	98
25) Isophorone	7.692	82	757744	47.091	ng	100
26) 2-Nitrophenol	7.769	139	221803	49.939	ng	99
27) 2,4-Dimethylphenol	7.804	122	353713	57.836	ng	100
28) bis(2-Chloroethoxy)met...	7.904	93	450569	44.644	ng	99
29) 2,4-Dichlorophenol	8.010	162	366422	48.270	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	387433	46.313	ng	99
31) Naphthalene	8.175	128	1184212	45.001	ng	100
32) Benzoic acid	7.928	122	280050	52.093	ng	97
33) 4-Chloroaniline	8.222	127	217609	23.425	ng	99
34) Hexachlorobutadiene	8.292	225	260851	47.813	ng	99
35) Caprolactam	8.592	113	80285	34.690	ng	90
36) 4-Chloro-3-methylphenol	8.704	107	405274	47.860	ng	98
37) 2-Methylnaphthalene	8.869	142	772054	43.893	ng	100
38) 1-Methylnaphthalene	8.969	142	762741	44.937	ng	100
40) 1,2,4,5-Tetrachloroben...	9.033	216	469831	51.703	ng	99
41) Hexachlorocyclopentadiene	9.022	237	545523	153.395	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	287922	48.482	ng	99

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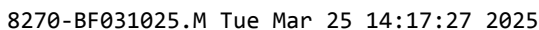
Instrument :
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	294075	48.892	ng	99
46) 1,1'-Biphenyl	9.333	154	1151909	50.794	ng	99
47) 2-Chloronaphthalene	9.357	162	791832	46.846	ng	99
48) 2-Nitroaniline	9.451	65	233348	47.679	ng	97
49) Acenaphthylene	9.775	152	1234862	49.230	ng	100
50) Dimethylphthalate	9.633	163	976980	46.743	ng	100
51) 2,6-Dinitrotoluene	9.692	165	218479	50.205	ng	95
52) Acenaphthene	9.945	154	943722	53.537	ng	99
53) 3-Nitroaniline	9.863	138	141198	31.986	ng	97
54) 2,4-Dinitrophenol	9.975	184	253219	100.570	ng	# 45
55) Dibenzofuran	10.116	168	1146927	45.535	ng	100
56) 4-Nitrophenol	10.027	139	336834	101.183	ng	95
57) 2,4-Dinitrotoluene	10.098	165	306556	53.935	ng	99
58) Fluorene	10.463	166	920835	47.407	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	265171	48.448	ng	99
60) Diethylphthalate	10.333	149	975066	46.786	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	479116	47.312	ng	97
62) 4-Nitroaniline	10.480	138	203076	47.254	ng	98
63) Azobenzene	10.610	77	854649	44.109	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	171184	52.914	ng	93
66) n-Nitrosodiphenylamine	10.569	169	806727	45.938	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	317546	46.593	ng	99
68) Hexachlorobenzene	11.010	284	367251	49.131	ng	94
69) Atrazine	11.098	200	340037	63.162	ng	98
70) Pentachlorophenol	11.204	266	445667	96.769	ng	99
71) Phenanthrene	11.422	178	1397006	47.661	ng	99
72) Anthracene	11.474	178	1419006	48.254	ng	100
73) Carbazole	11.627	167	1187959	46.842	ng	100
74) Di-n-butylphthalate	11.957	149	1536584	45.662	ng	99
75) Fluoranthene	12.610	202	1440803	46.339	ng	99
77) Benzidine	12.727	184	254441	58.337	ng	99
78) Pyrene	12.839	202	1443323	53.374	ng	99
80) Butylbenzylphthalate	13.457	149	541486	51.160	ng	96
81) Benzo(a)anthracene	14.027	228	1000387	48.766	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	199472	33.648	ng	99
83) Chrysene	14.063	228	882028	47.433	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	725208	49.695	ng	99
85) Di-n-octyl phthalate	14.621	149	990154	48.764	ng	97
87) Indeno(1,2,3-cd)pyrene	16.998	276	750268	42.475	ng	97
88) Benzo(b)fluoranthene	15.074	252	871724	46.580	ng	100
89) Benzo(k)fluoranthene	15.104	252	707297	44.164	ng	99
90) Benzo(a)pyrene	15.445	252	734595	50.166	ng	99
91) Dibenzo(a,h)anthracene	17.015	278	602089	41.312	ng	99
92) Benzo(g,h,i)perylene	17.445	276	550913	38.252	ng	98

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

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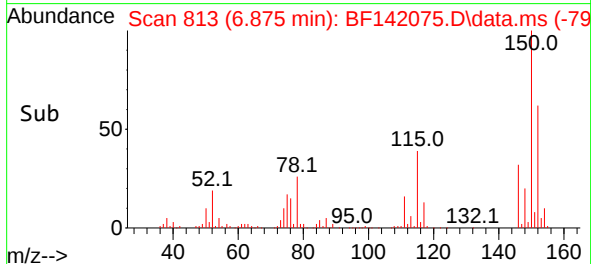
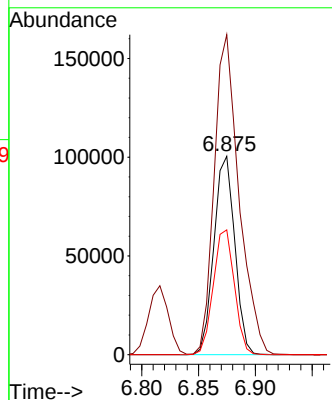
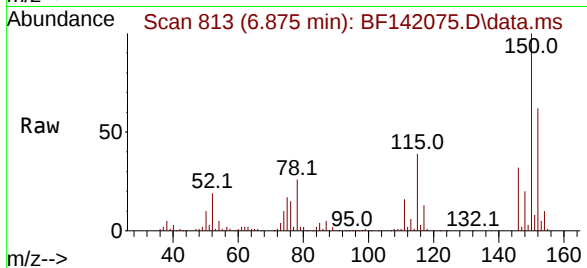




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF142075.D
 Acq: 25 Mar 2025 13:37

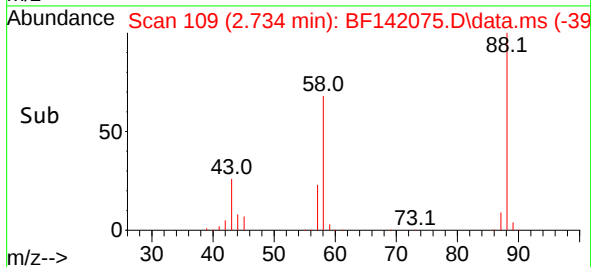
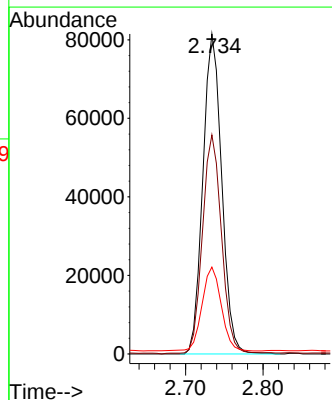
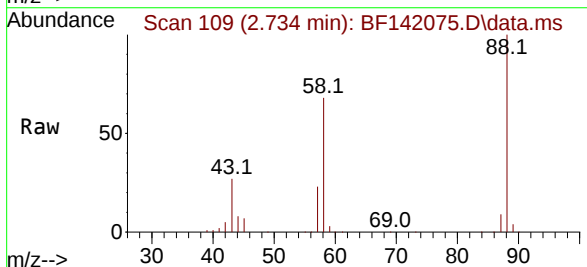
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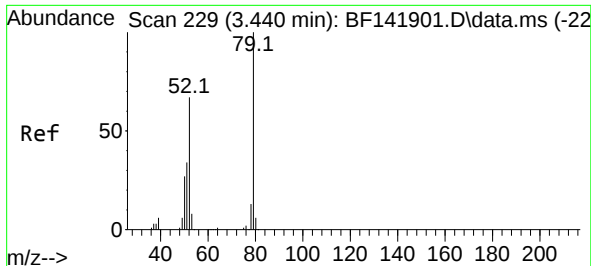
Tgt Ion:152 Resp: 128560
 Ion Ratio Lower Upper
 152 100
 150 161.2 127.4 191.2
 115 62.9 51.9 77.9



#2
 1,4-Dioxane
 Concen: 42.631 ng
 RT: 2.734 min Scan# 109
 Delta R.T. 0.059 min
 Lab File: BF142075.D
 Acq: 25 Mar 2025 13:37

Tgt Ion: 88 Resp: 137594
 Ion Ratio Lower Upper
 88 100
 58 69.5 57.4 86.2
 43 26.7 21.5 32.3





#3

Pyridine

Concen: 39.744 ng

RT: 3.498 min Scan# 21

Delta R.T. 0.059 min

Lab File: BF142075.D

Acq: 25 Mar 2025 13:37

Instrument :

BNA_F

ClientSampleId :

PB167230BS

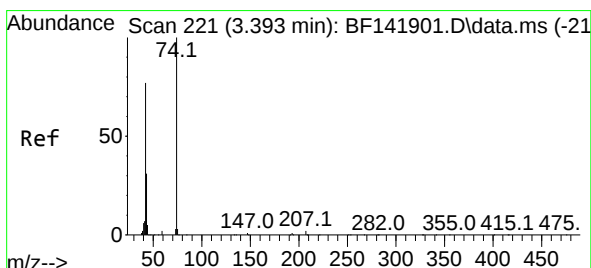
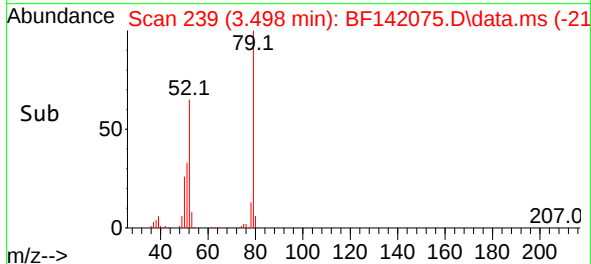
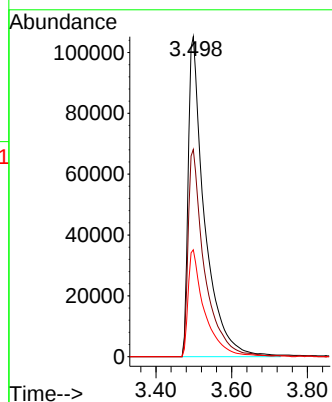
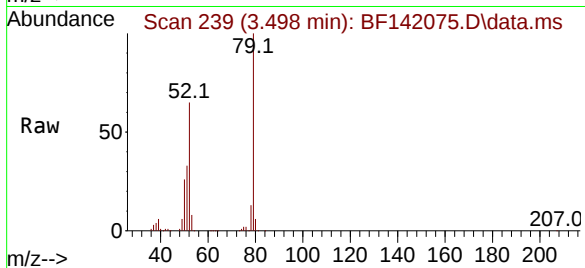
Tgt Ion: 79 Resp: 314658

Ion Ratio Lower Upper

79 100

52 64.8 53.3 79.9

51 33.4 27.6 41.4



#4

n-Nitrosodimethylamine

Concen: 42.519 ng

RT: 3.440 min Scan# 229

Delta R.T. 0.047 min

Lab File: BF142075.D

Acq: 25 Mar 2025 13:37

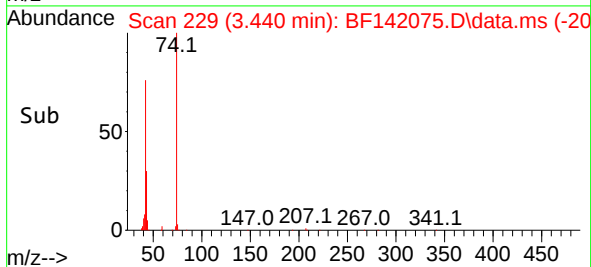
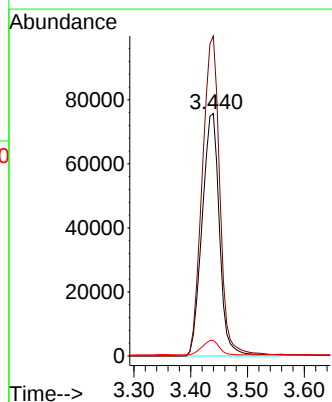
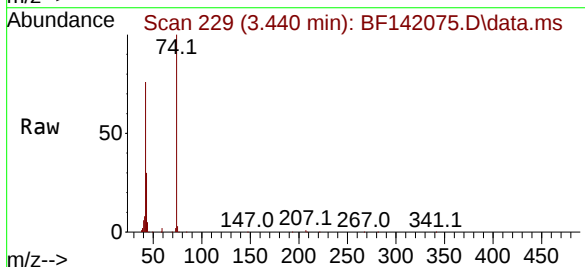
Tgt Ion: 42 Resp: 160465

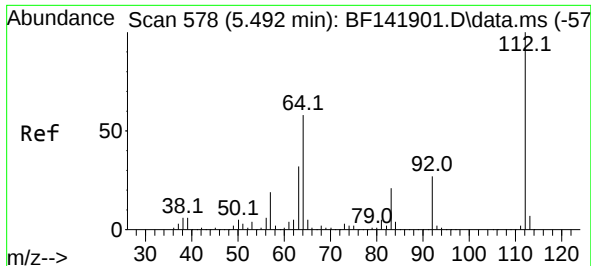
Ion Ratio Lower Upper

42 100

74 132.0 103.4 155.0

44 6.4 5.0 7.4

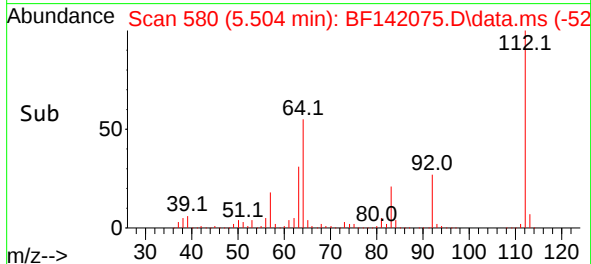
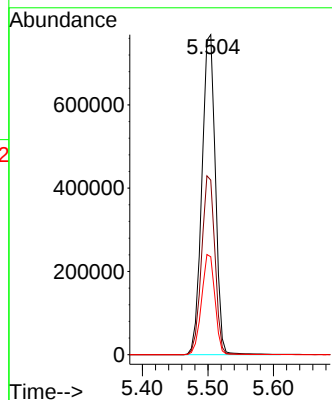
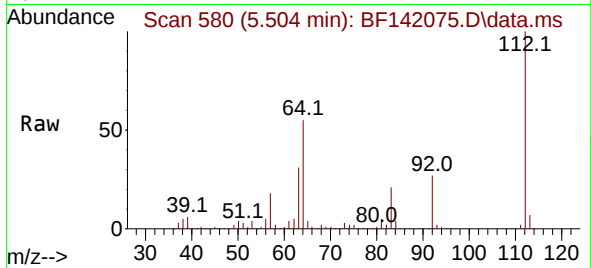




#5
2-Fluorophenol
Concen: 143.116 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF142075.D
Acq: 25 Mar 2025 13:37

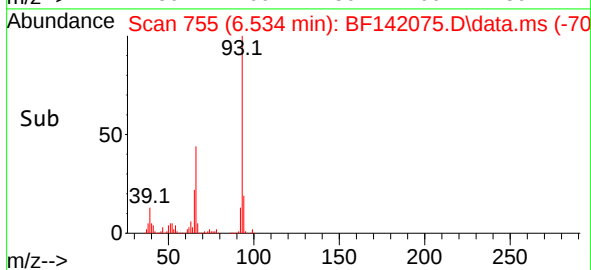
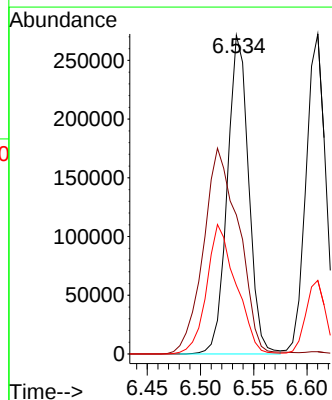
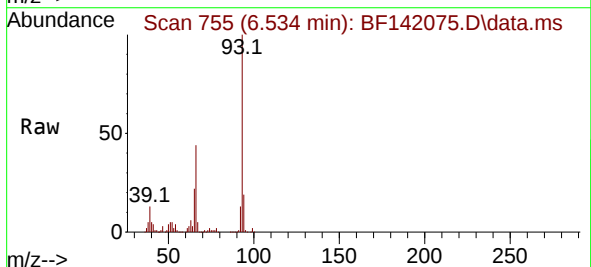
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Tgt Ion:112 Resp: 1102422
Ion Ratio Lower Upper
112 100
64 54.5 46.5 69.7
63 30.6 25.4 38.2



#6
Aniline
Concen: 39.063 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF142075.D
Acq: 25 Mar 2025 13:37

Tgt Ion: 93 Resp: 377937
Ion Ratio Lower Upper
93 100
66 43.6 31.9 47.9
65 21.5 15.8 23.6



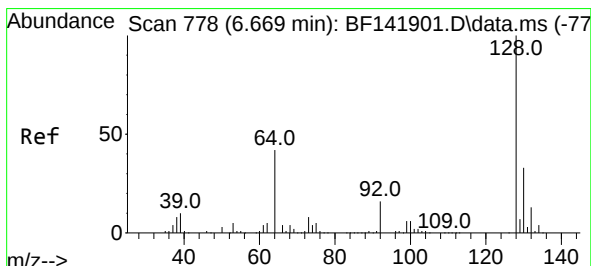
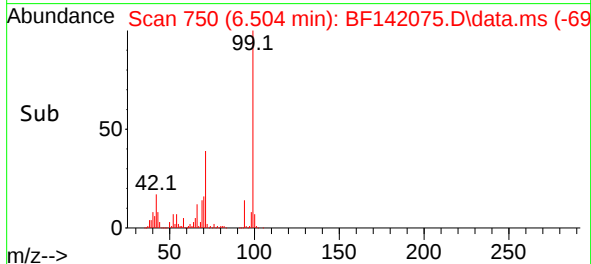
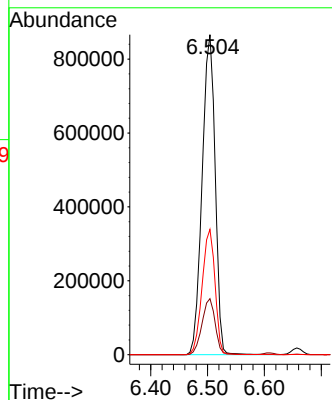
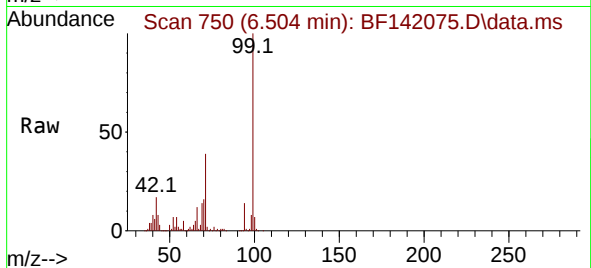


#7
Phenol-d6
Concen: 140.749 ng
RT: 6.504 min Scan# 714
Delta R.T. 0.000 min
Lab File: BF142075.D
Acq: 25 Mar 2025 13:37

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 99 Resp: 1380409

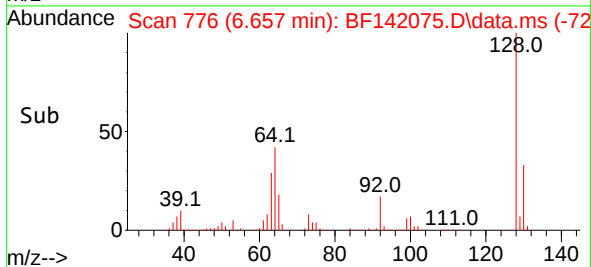
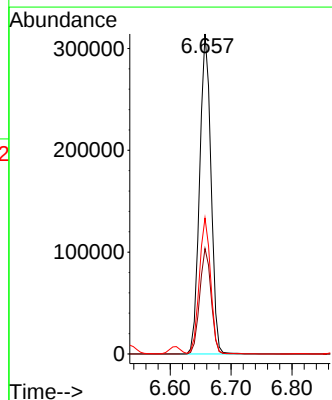
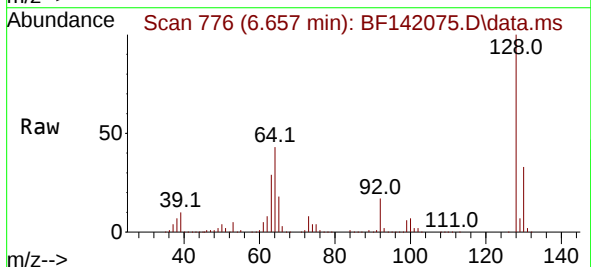
Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.6	21.8
71	39.1	30.8	46.2



#8
2-Chlorophenol
Concen: 47.689 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.012 min
Lab File: BF142075.D
Acq: 25 Mar 2025 13:37

Tgt Ion:128 Resp: 407414

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.8	52.8
64	42.5	24.4	64.4

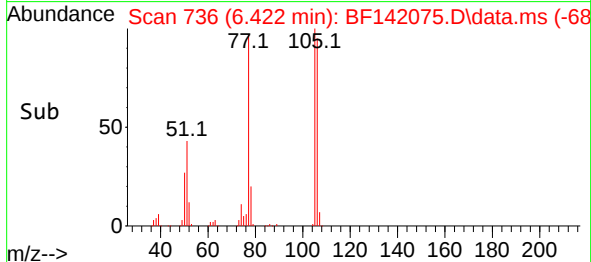
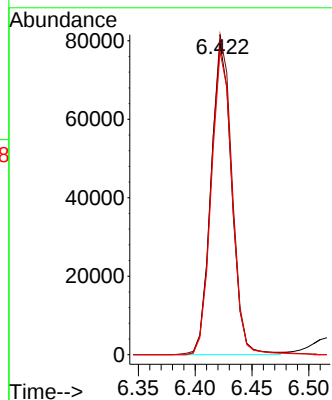
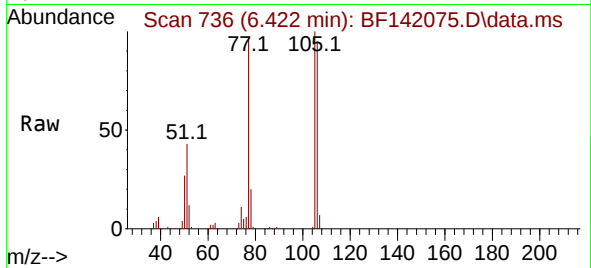




#9
Benzaldehyde
Concen: 18.363 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142075.D
Acq: 25 Mar 2025 13:37

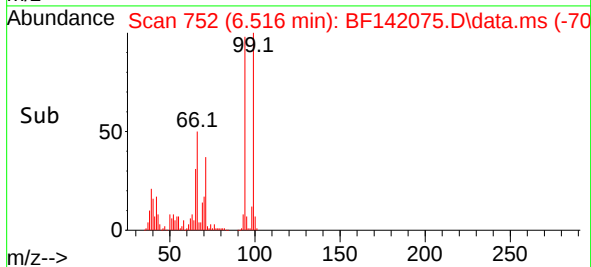
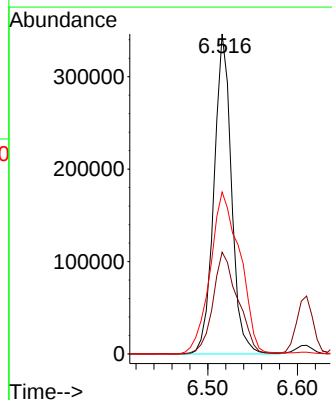
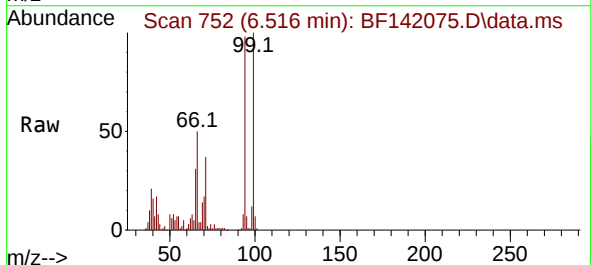
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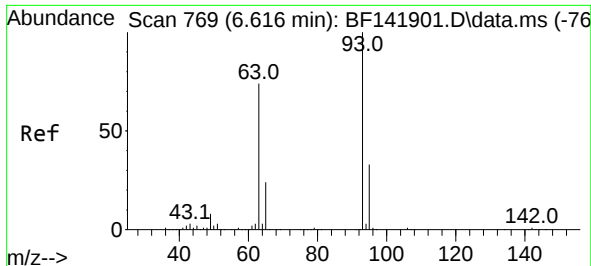
Tgt Ion: 77 Resp: 100724
Ion Ratio Lower Upper
77 100
105 102.8 80.0 120.0
106 97.4 74.5 114.5



#10
Phenol
Concen: 45.516 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF142075.D
Acq: 25 Mar 2025 13:37

Tgt Ion: 94 Resp: 469630
Ion Ratio Lower Upper
94 100
65 31.8 10.5 50.5
66 50.6 25.8 65.8

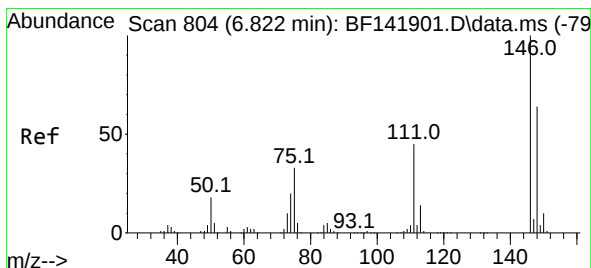
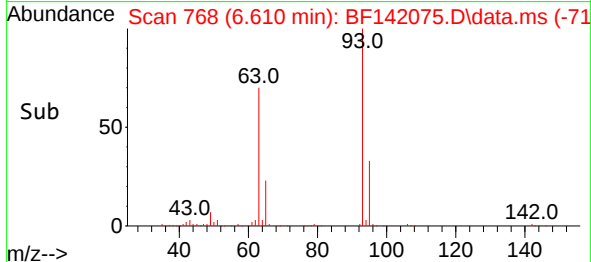
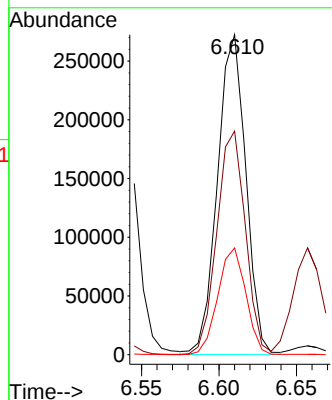
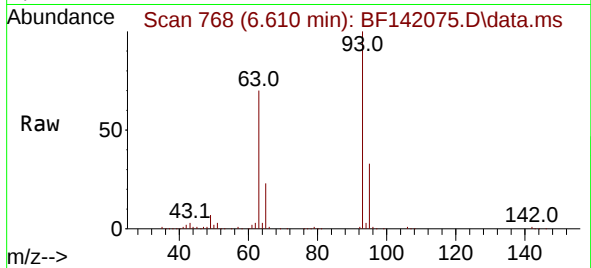




#11
bis(2-Chloroethyl)ether
Concen: 44.771 ng
RT: 6.610 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF142075.D
Acq: 25 Mar 2025 13:37

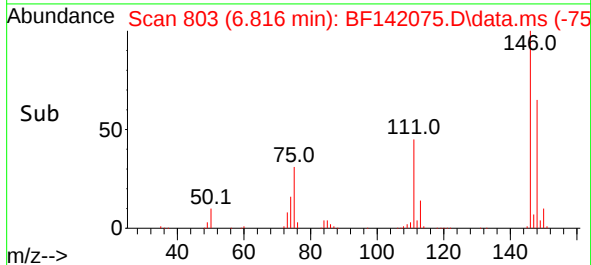
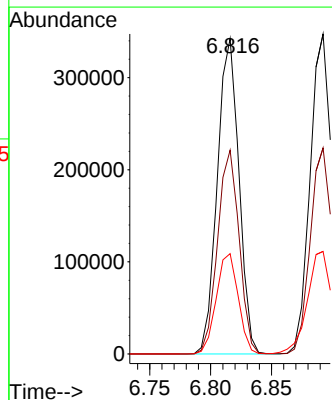
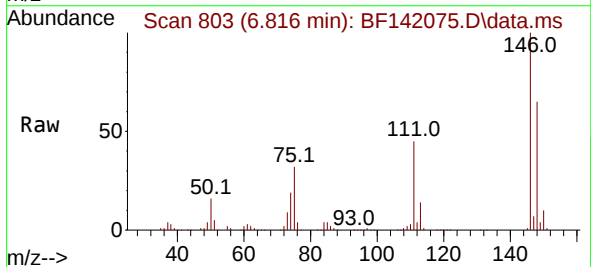
Instrument :
BNA_F
ClientSampleId :
PB167230BS

Tgt Ion: 93 Resp: 346865
Ion Ratio Lower Upper
93 100
63 69.9 53.0 93.0
95 33.4 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 45.908 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF142075.D
Acq: 25 Mar 2025 13:37

Tgt Ion:146 Resp: 423428
Ion Ratio Lower Upper
146 100
148 64.6 51.3 76.9
75 31.8 26.6 40.0

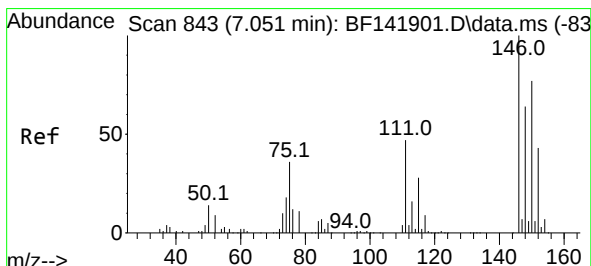
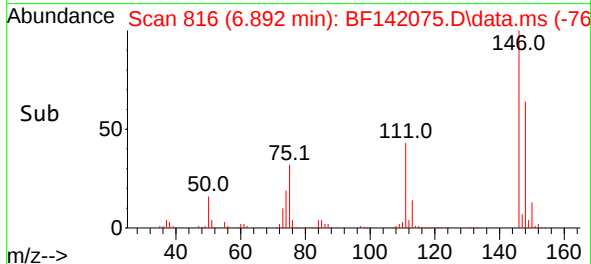
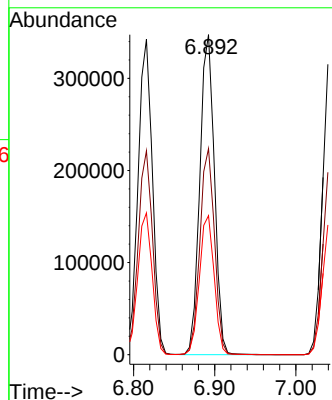
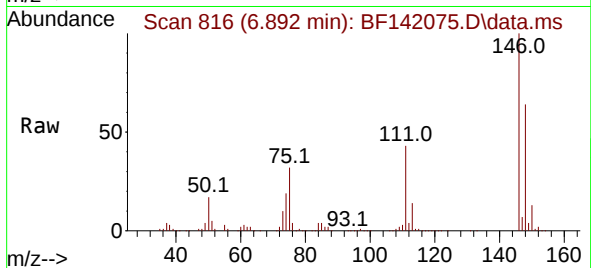




#13
1,4-Dichlorobenzene
Concen: 46.544 ng
RT: 6.892 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142075.D
Acq: 25 Mar 2025 13:37

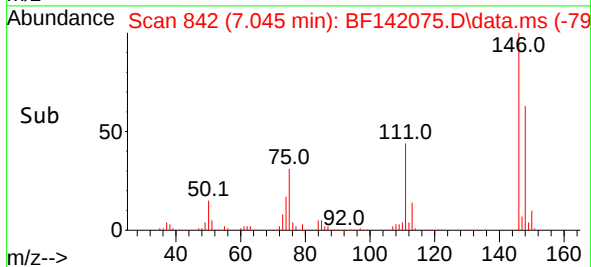
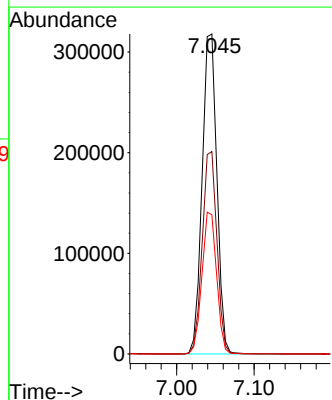
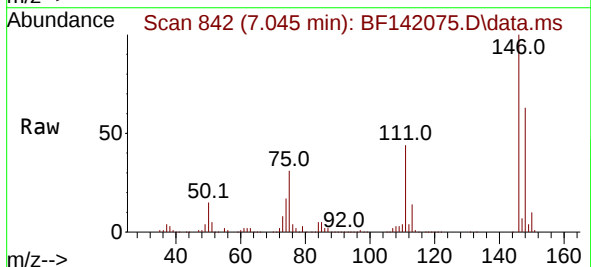
Instrument :
BNA_F
ClientSampleId :
PB167230BS

Tgt Ion:146 Resp: 434352
Ion Ratio Lower Upper
146 100
148 64.4 51.0 76.6
111 43.5 35.7 53.5



#14
1,2-Dichlorobenzene
Concen: 47.857 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF142075.D
Acq: 25 Mar 2025 13:37

Tgt Ion:146 Resp: 420657
Ion Ratio Lower Upper
146 100
148 63.3 50.8 76.2
111 43.5 38.0 57.0

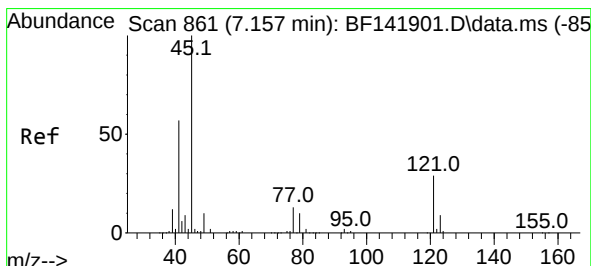
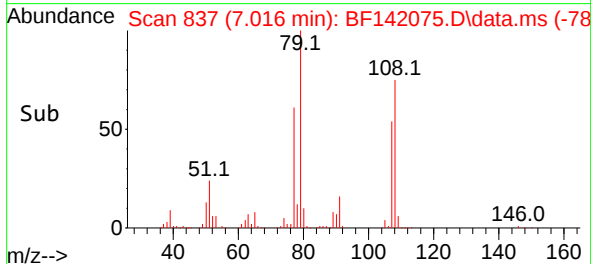
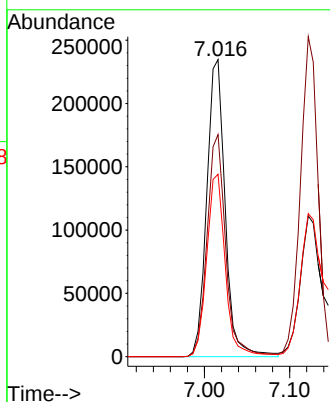
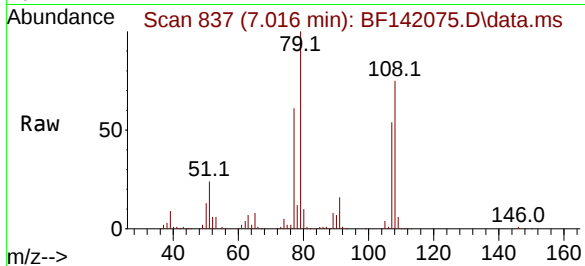




#15
Benzyl Alcohol
Concen: 44.342 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142075.D
Acq: 25 Mar 2025 13:37

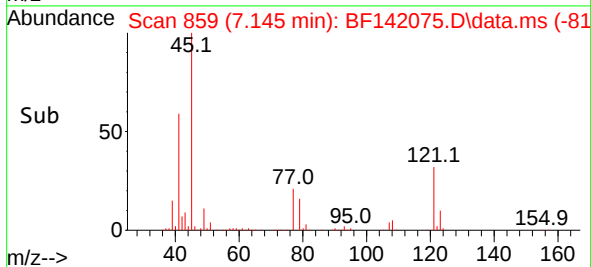
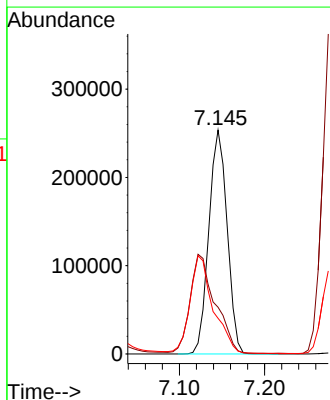
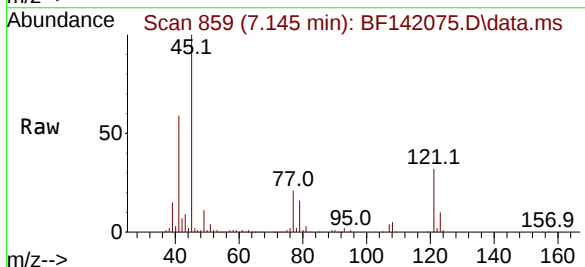
Instrument :
BNA_F
ClientSampleId :
PB167230BS

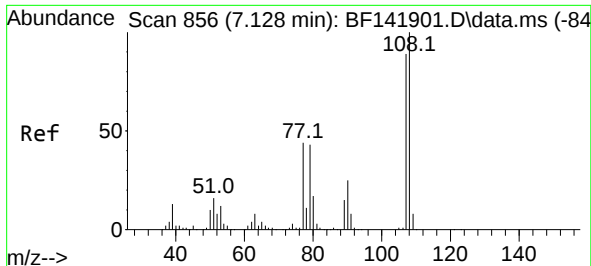
Tgt Ion: 79 Resp: 351584
Ion Ratio Lower Upper
79 100
108 74.8 59.7 89.5
77 61.4 51.0 76.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.400 ng
RT: 7.145 min Scan# 859
Delta R.T. -0.012 min
Lab File: BF142075.D
Acq: 25 Mar 2025 13:37

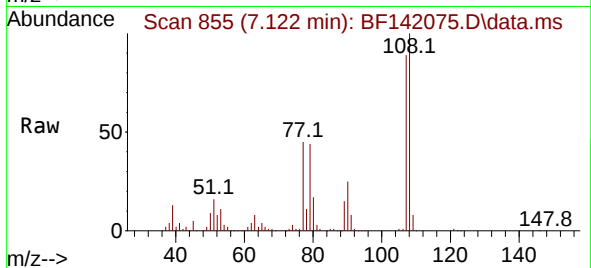
Tgt Ion: 45 Resp: 377879
Ion Ratio Lower Upper
45 100
77 20.9 0.0 37.8
79 16.0 0.0 34.2



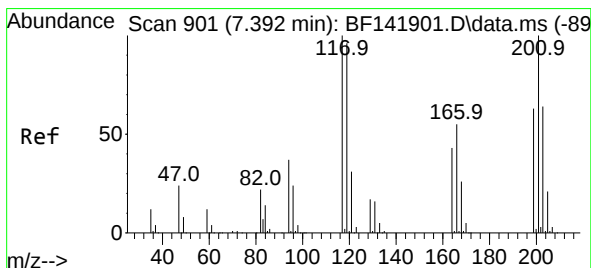
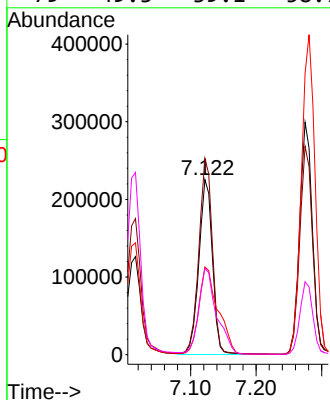
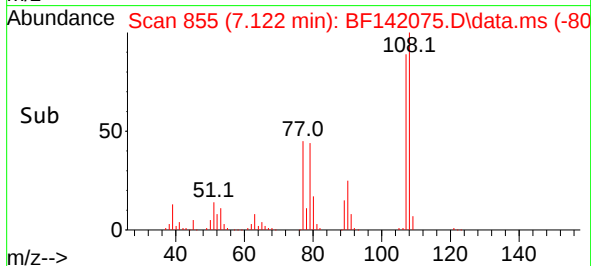


#17
2-Methylphenol
Concen: 48.064 ng
RT: 7.122 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142075.D
Acq: 25 Mar 2025 13:37

Instrument :
BNA_F
ClientSampleId :
PB167230BS

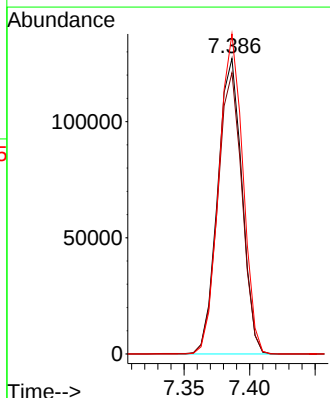
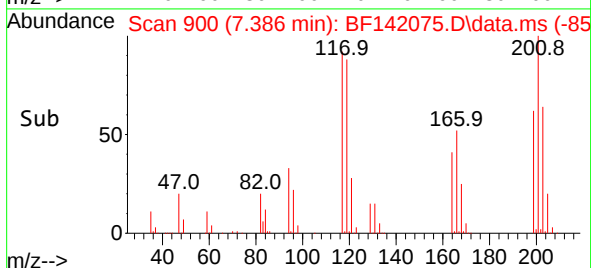
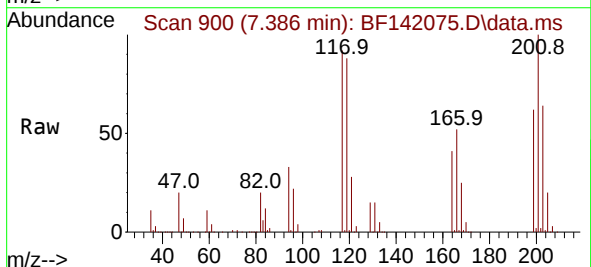


Tgt Ion:	107	Resp:	326487
Ion	Ratio	Lower	Upper
107	100		
108	112.1	90.2	135.2
77	50.1	39.6	59.4
79	49.3	39.1	58.7



#18
Hexachloroethane
Concen: 46.670 ng
RT: 7.386 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF142075.D
Acq: 25 Mar 2025 13:37

Tgt Ion:	117	Resp:	163317
Ion	Ratio	Lower	Upper
117	100		
119	95.2	76.9	115.3
201	108.3	79.9	119.9





#19

n-Nitroso-di-n-propylamine

Concen: 42.327 ng

RT: 7.286 min Scan# 885

Delta R.T. -0.012 min

Lab File: BF142075.D

Acq: 25 Mar 2025 13:37

Instrument :

BNA_F

ClientSampleId :

PB167230BS

Tgt Ion: 70 Resp: 266744

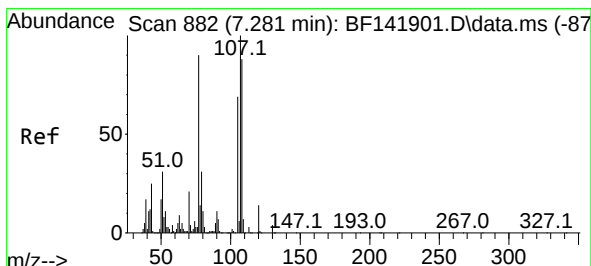
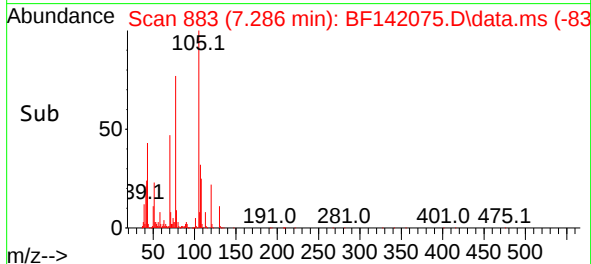
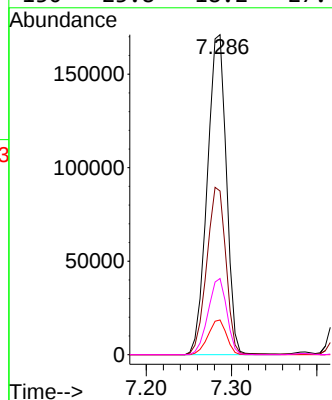
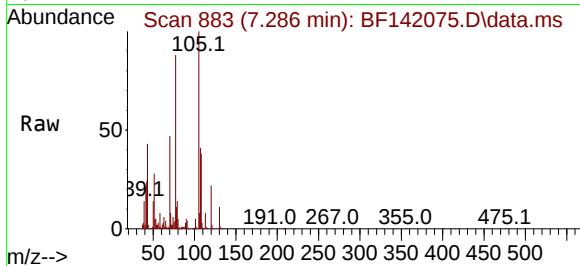
Ion Ratio Lower Upper

70 100

42 51.2 41.4 62.0

101 10.8 8.2 12.2

130 23.8 18.2 27.4



#20

3+4-Methylphenols

Concen: 46.591 ng

RT: 7.275 min Scan# 881

Delta R.T. -0.006 min

Lab File: BF142075.D

Acq: 25 Mar 2025 13:37

Tgt Ion:107 Resp: 405374

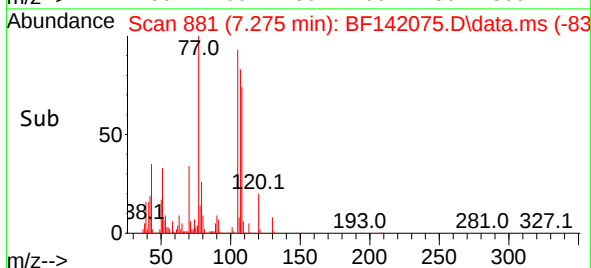
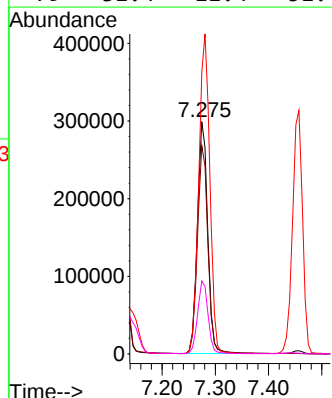
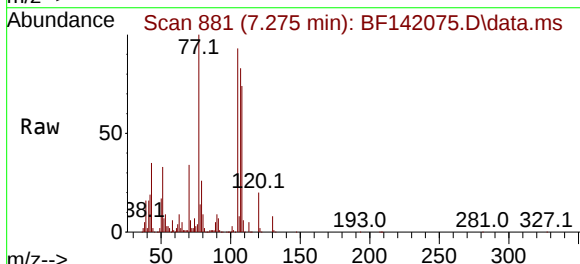
Ion Ratio Lower Upper

107 100

108 89.6 68.4 108.4

77 121.1 69.7 109.7#

79 31.4 11.4 51.4



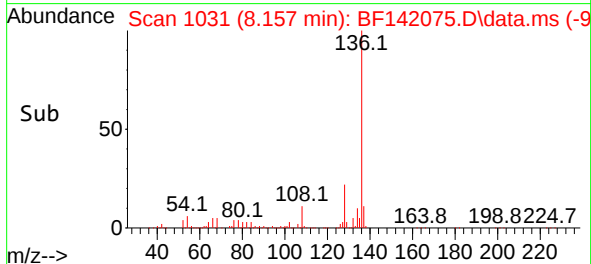
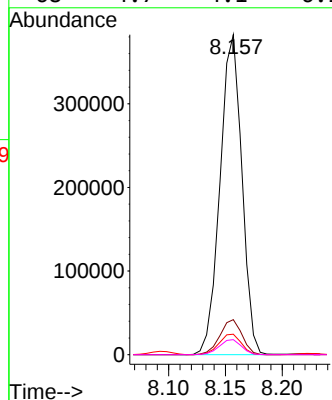
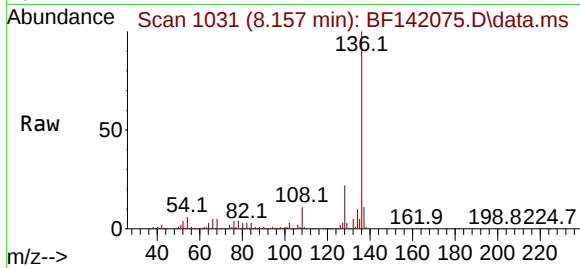


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF142075.D
Acq: 25 Mar 2025 13:37

Instrument :
BNA_F
ClientSampleId :
PB167230BS

Tgt Ion:136 Resp: 512281

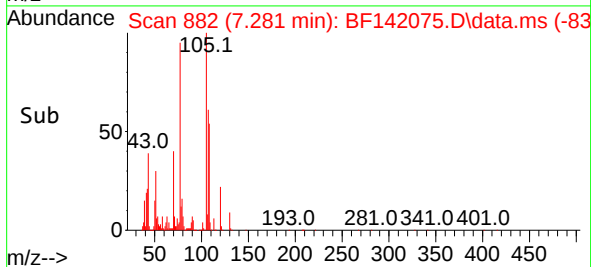
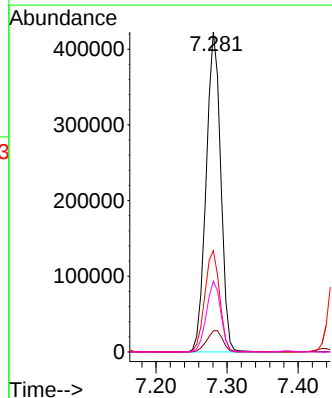
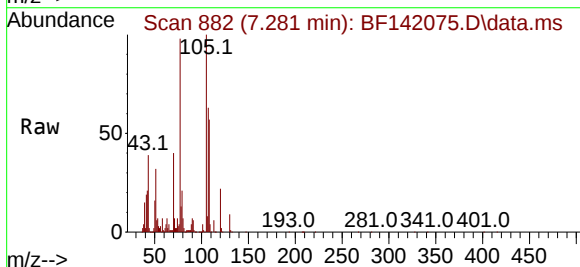
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.4	5.8	8.8
68	4.7	4.1	6.1

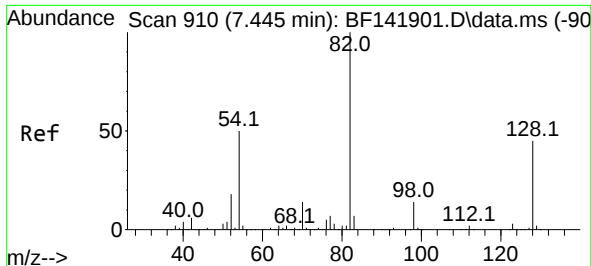


#22
Acetophenone
Concen: 49.227 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.012 min
Lab File: BF142075.D
Acq: 25 Mar 2025 13:37

Tgt Ion:105 Resp: 603907

Ion	Ratio	Lower	Upper
105	100		
71	6.6	5.8	8.8
51	31.7	23.4	35.0
120	22.1	17.3	25.9

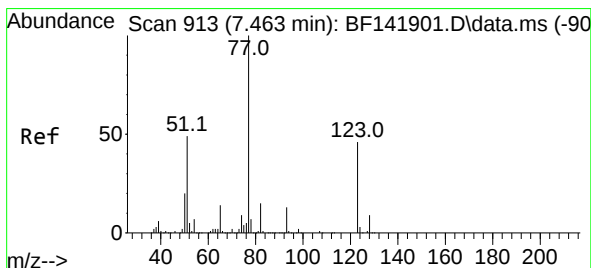
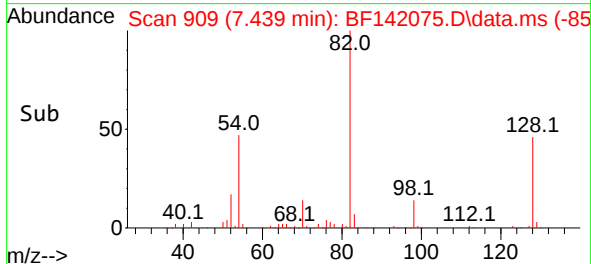
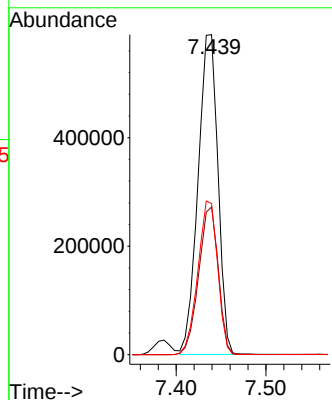
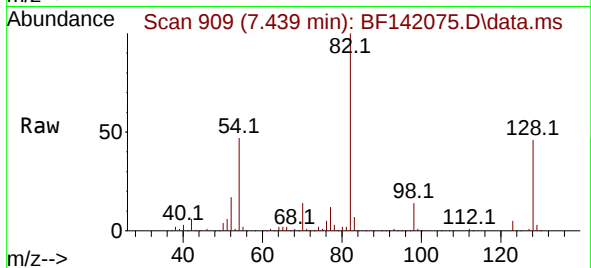




#23
Nitrobenzene-d5
Concen: 99.878 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF142075.D
Acq: 25 Mar 2025 13:37

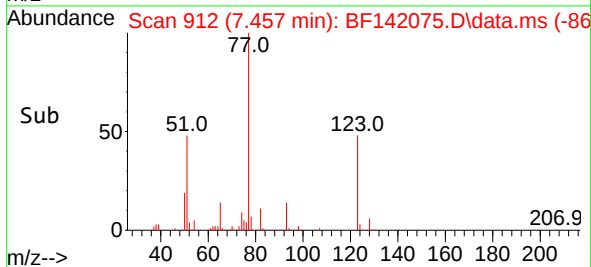
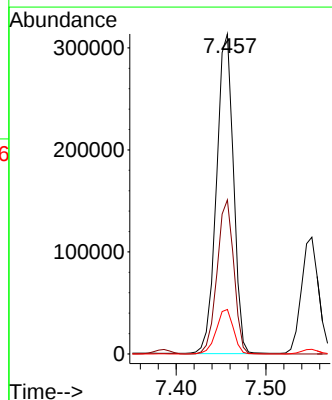
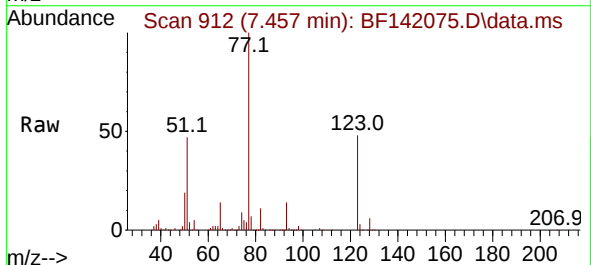
Instrument :
BNA_F
ClientSampleId :
PB167230BS

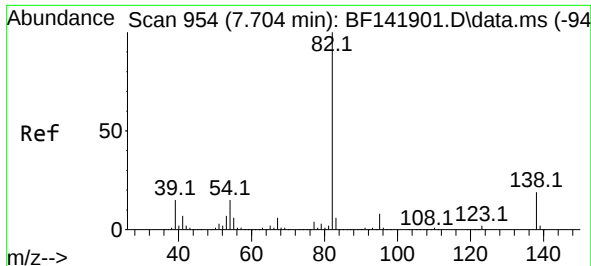
Tgt Ion: 82 Resp: 909188
Ion Ratio Lower Upper
82 100
128 46.2 36.0 54.0
54 47.2 39.6 59.4



#24
Nitrobenzene
Concen: 45.484 ng
RT: 7.457 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF142075.D
Acq: 25 Mar 2025 13:37

Tgt Ion: 77 Resp: 411607
Ion Ratio Lower Upper
77 100
123 48.2 37.0 55.4
65 13.9 11.3 16.9

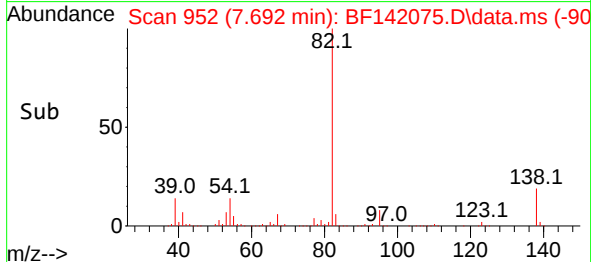
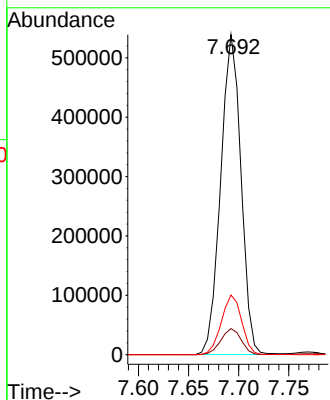
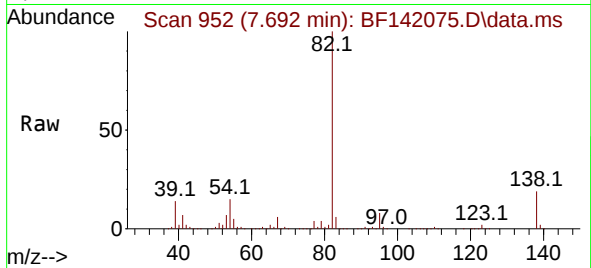




#25
Isophorone
Concen: 47.091 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF142075.D
Acq: 25 Mar 2025 13:37

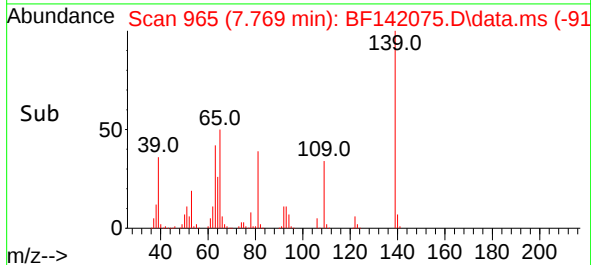
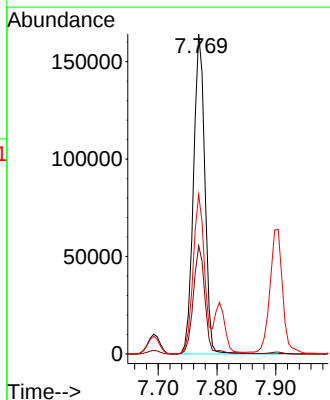
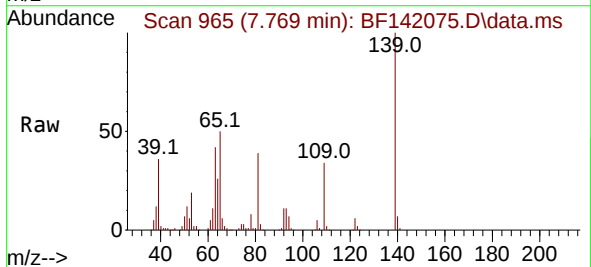
Instrument :
BNA_F
ClientSampleId :
PB167230BS

Tgt Ion: 82 Resp: 757744
Ion Ratio Lower Upper
82 100
95 8.2 6.4 9.6
138 18.7 14.9 22.3



#26
2-Nitrophenol
Concen: 49.939 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.012 min
Lab File: BF142075.D
Acq: 25 Mar 2025 13:37

Tgt Ion:139 Resp: 221803
Ion Ratio Lower Upper
139 100
109 33.8 26.5 39.7
65 49.8 40.3 60.5





#27

2,4-Dimethylphenol

Concen: 57.836 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142075.D

Acq: 25 Mar 2025 13:37

Instrument :

BNA_F

ClientSampleId :

PB167230BS

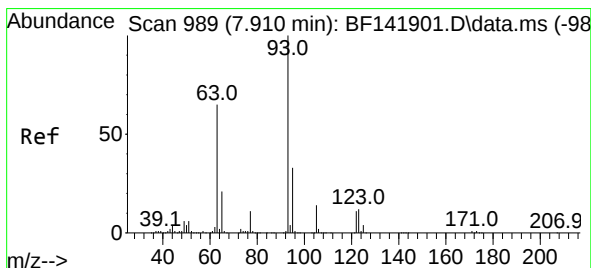
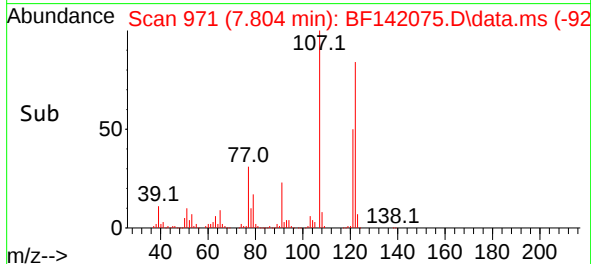
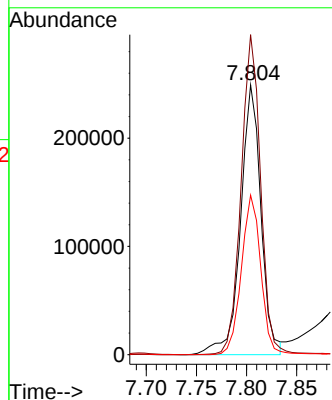
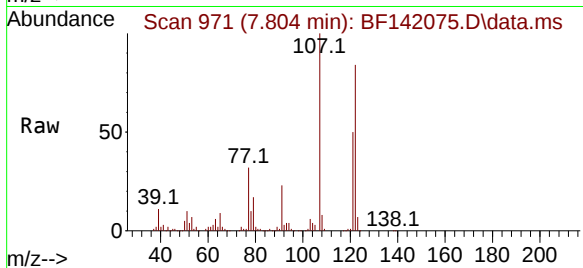
Tgt Ion:122 Resp: 353713

Ion Ratio Lower Upper

122 100

107 118.6 94.8 142.2

121 59.2 47.8 71.6



#28

bis(2-Chloroethoxy)methane

Concen: 44.644 ng

RT: 7.904 min Scan# 988

Delta R.T. -0.006 min

Lab File: BF142075.D

Acq: 25 Mar 2025 13:37

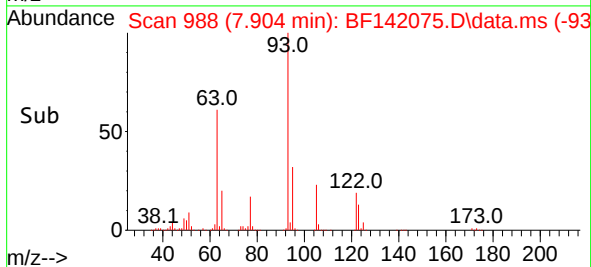
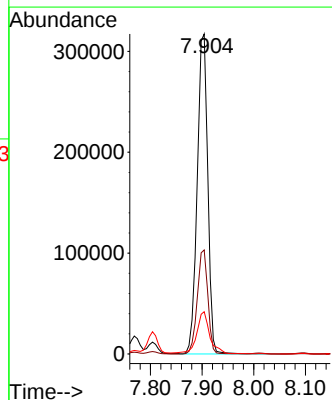
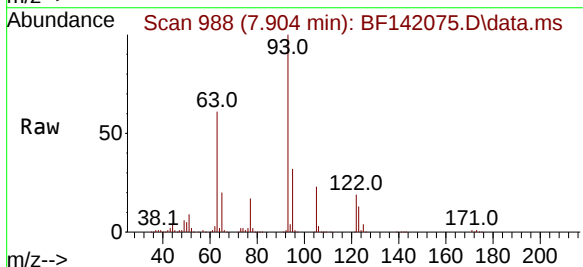
Tgt Ion: 93 Resp: 450569

Ion Ratio Lower Upper

93 100

95 32.5 26.6 40.0

123 13.2 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 48.270 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF142075.D

Acq: 25 Mar 2025 13:37

Instrument :

BNA_F

ClientSampleId :

PB167230BS

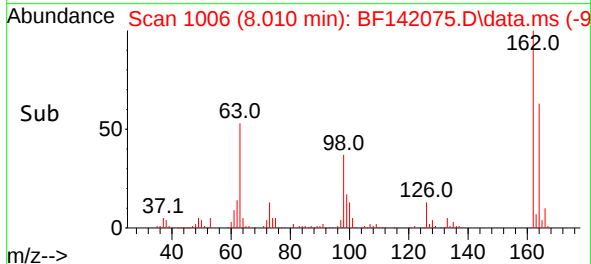
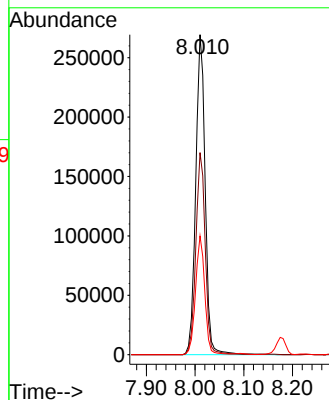
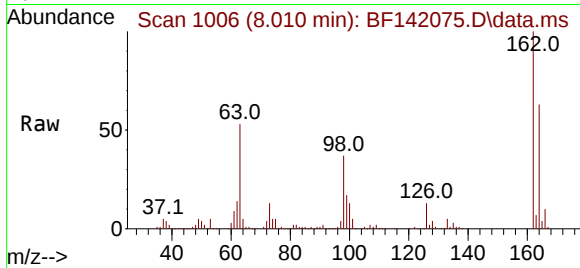
Tgt Ion:162 Resp: 366422

Ion Ratio Lower Upper

162 100

164 63.2 43.8 83.8

98 37.1 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 46.313 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.012 min

Lab File: BF142075.D

Acq: 25 Mar 2025 13:37

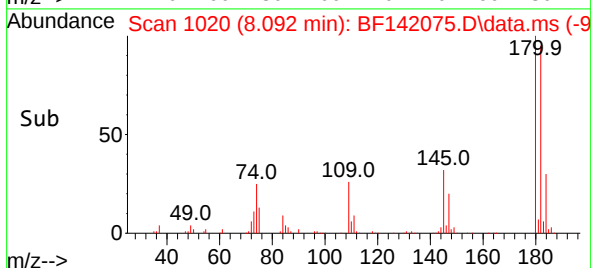
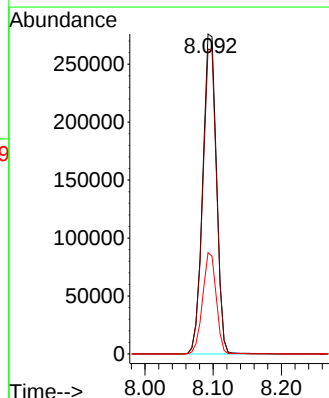
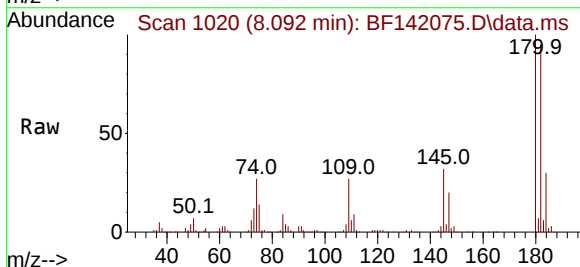
Tgt Ion:180 Resp: 387433

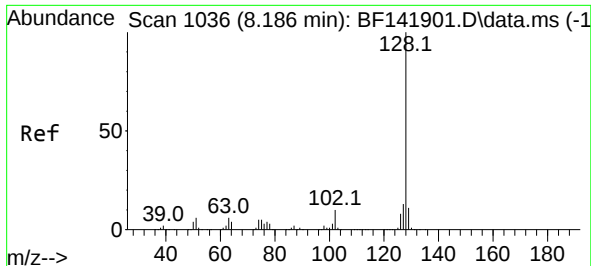
Ion Ratio Lower Upper

180 100

182 95.3 77.5 116.3

145 31.7 25.8 38.6

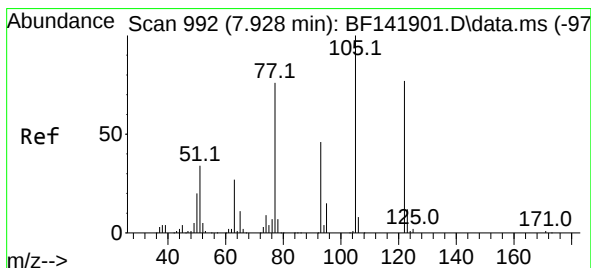
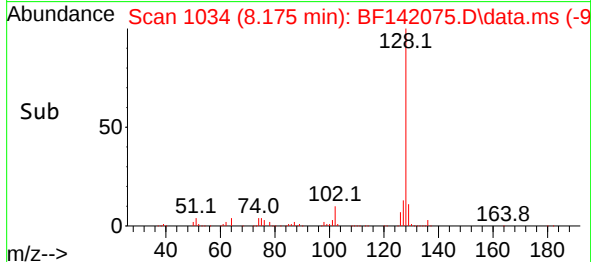
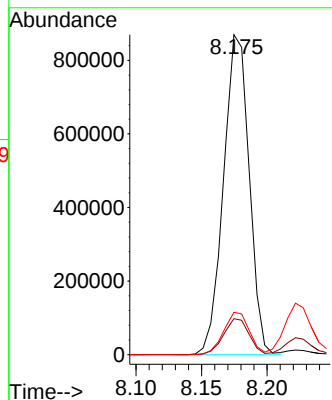
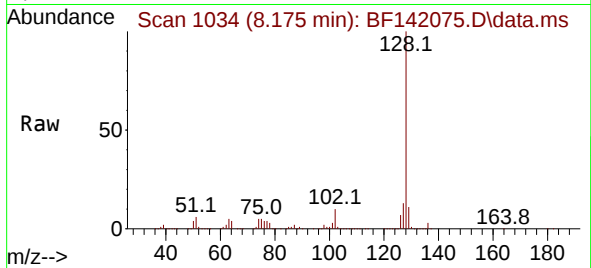




#31
Naphthalene
Concen: 45.001 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.012 min
Lab File: BF142075.D
Acq: 25 Mar 2025 13:37

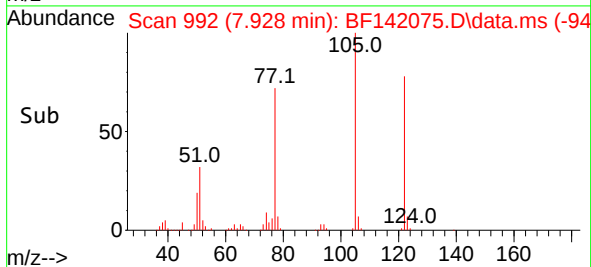
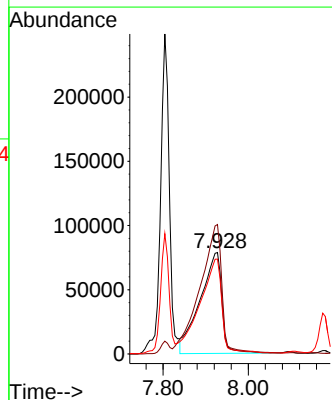
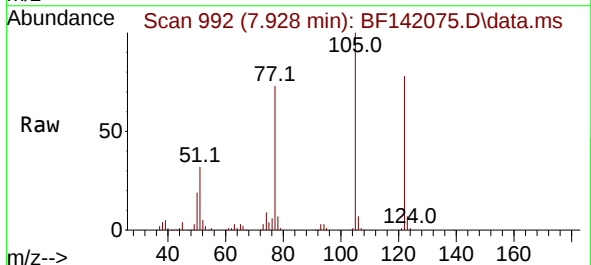
Instrument :
BNA_F
ClientSampleId :
PB167230BS

Tgt Ion:128 Resp: 1184212
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.3 10.8 16.2



#32
Benzoic acid
Concen: 52.093 ng
RT: 7.928 min Scan# 992
Delta R.T. -0.000 min
Lab File: BF142075.D
Acq: 25 Mar 2025 13:37

Tgt Ion:122 Resp: 280050
Ion Ratio Lower Upper
122 100
105 127.7 107.9 147.9
77 93.5 79.0 119.0



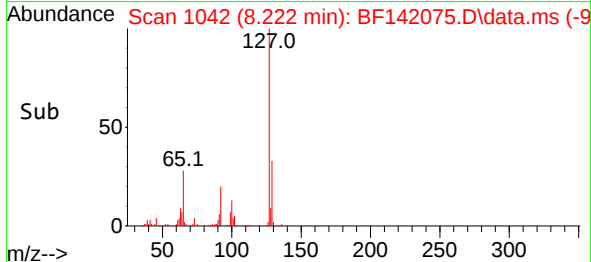
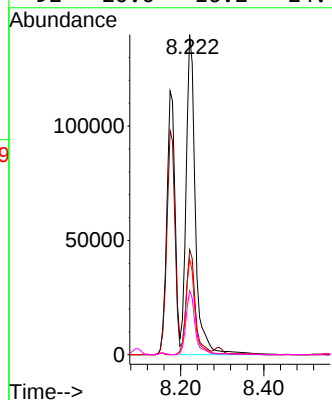
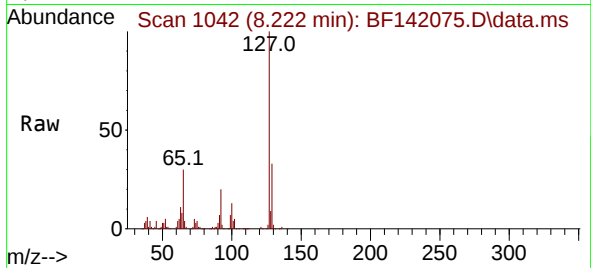


#33
4-Chloroaniline
Concen: 23.425 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142075.D
Acq: 25 Mar 2025 13:37

Instrument :
BNA_F
ClientSampleId :
PB167230BS

Tgt Ion:127 Resp: 217609

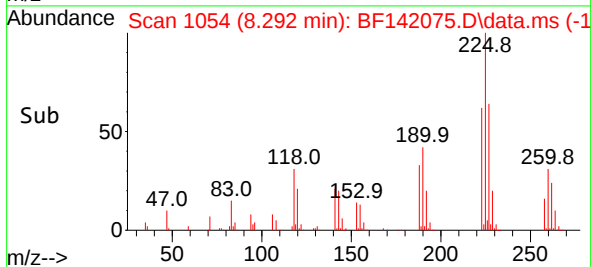
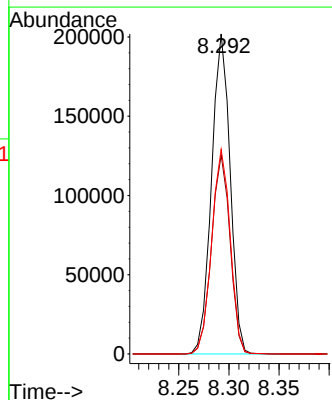
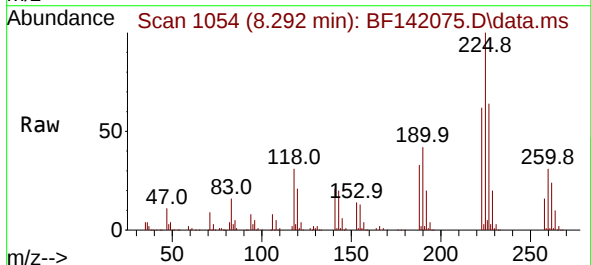
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.2	39.4
65	30.0	25.4	38.2
92	20.0	16.2	24.4

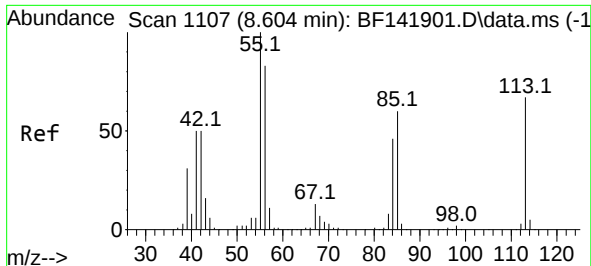


#34
Hexachlorobutadiene
Concen: 47.813 ng
RT: 8.292 min Scan# 1054
Delta R.T. -0.012 min
Lab File: BF142075.D
Acq: 25 Mar 2025 13:37

Tgt Ion:225 Resp: 260851

Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.6	75.8
227	63.9	52.2	78.2

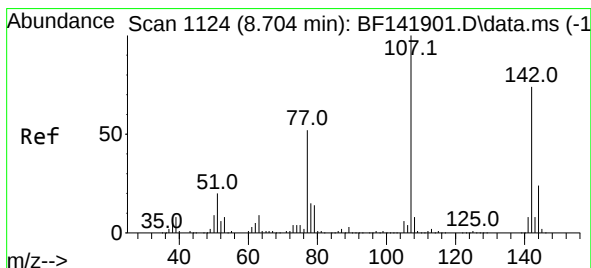
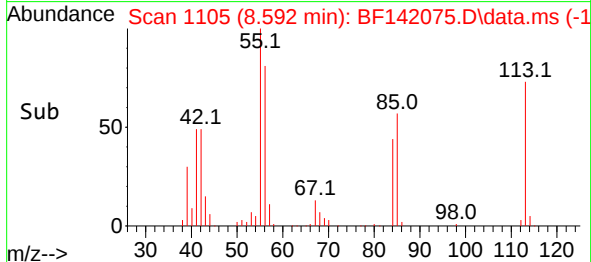
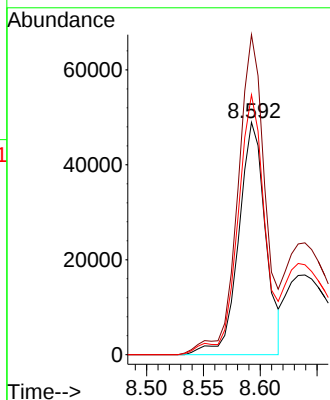
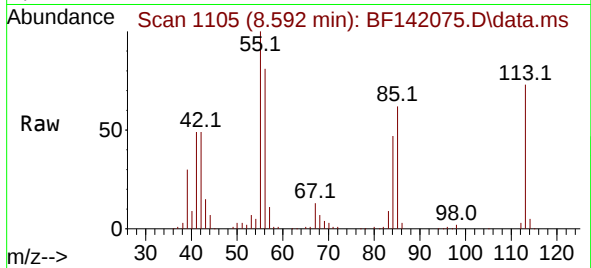




#35
 Caprolactam
 Concen: 34.690 ng
 RT: 8.592 min Scan# 1105
 Delta R.T. -0.012 min
 Lab File: BF142075.D
 Acq: 25 Mar 2025 13:37

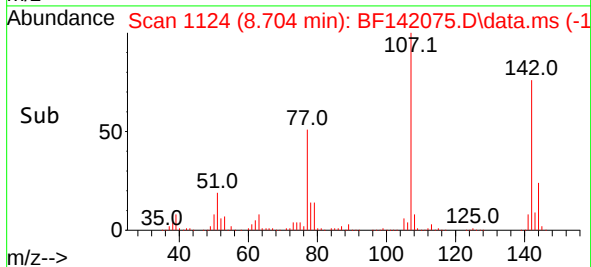
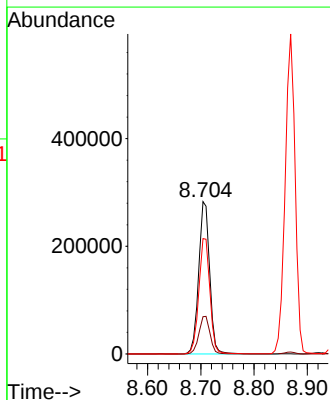
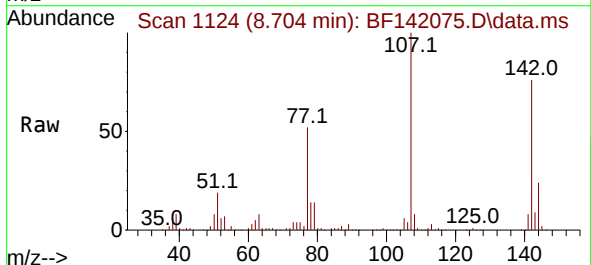
Instrument :
 BNA_F
 ClientSampleId :
 PB167230BS

Tgt Ion:113 Resp: 80285
 Ion Ratio Lower Upper
 113 100
 55 137.7 129.6 169.6
 56 111.8 104.0 144.0



#36
 4-Chloro-3-methylphenol
 Concen: 47.860 ng
 RT: 8.704 min Scan# 1124
 Delta R.T. 0.000 min
 Lab File: BF142075.D
 Acq: 25 Mar 2025 13:37

Tgt Ion:107 Resp: 405274
 Ion Ratio Lower Upper
 107 100
 144 24.5 19.0 28.6
 142 75.8 59.2 88.8





#37

2-Methylnaphthalene

Concen: 43.893 ng

RT: 8.869 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BF142075.D

Acq: 25 Mar 2025 13:37

Instrument :

BNA_F

ClientSampleId :

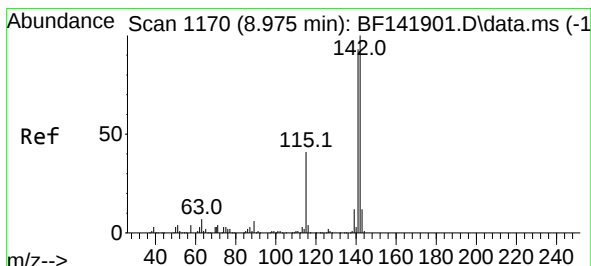
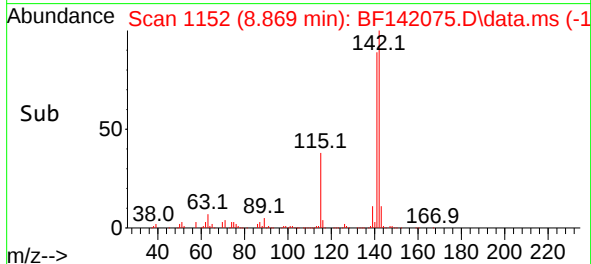
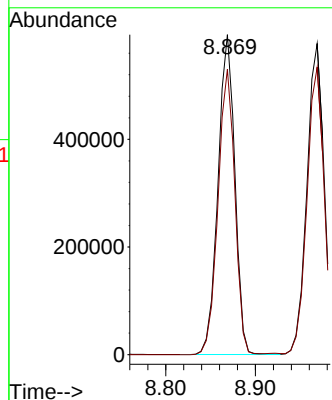
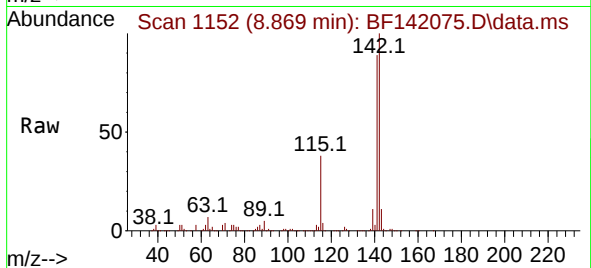
PB167230BS

Tgt Ion:142 Resp: 772054

Ion Ratio Lower Upper

142 100

141 89.2 71.2 106.8



#38

1-Methylnaphthalene

Concen: 44.937 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF142075.D

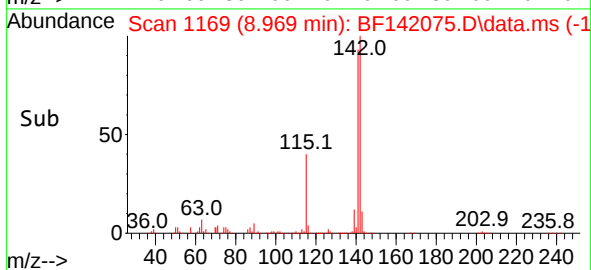
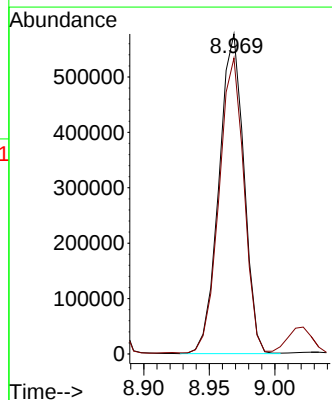
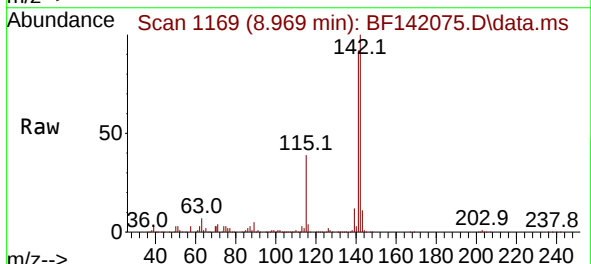
Acq: 25 Mar 2025 13:37

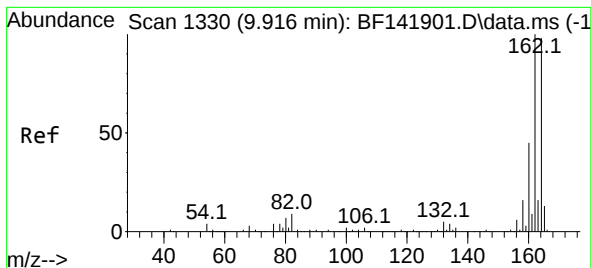
Tgt Ion:142 Resp: 762741

Ion Ratio Lower Upper

142 100

141 92.4 74.2 111.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142075.D

Acq: 25 Mar 2025 13:37

Instrument :

BNA_F

ClientSampleId :

PB167230BS

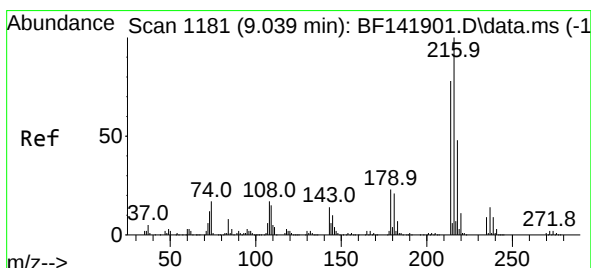
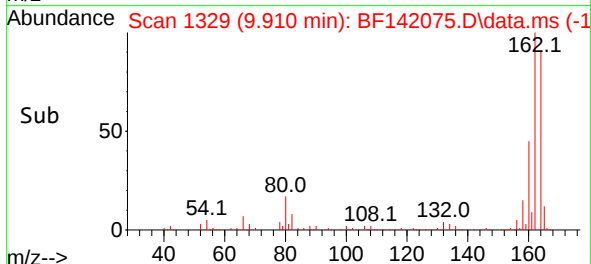
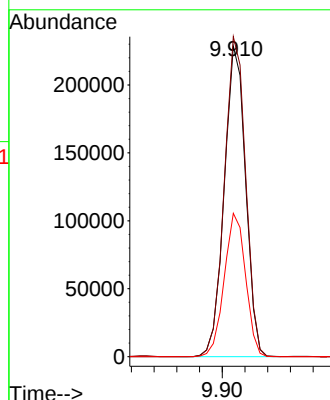
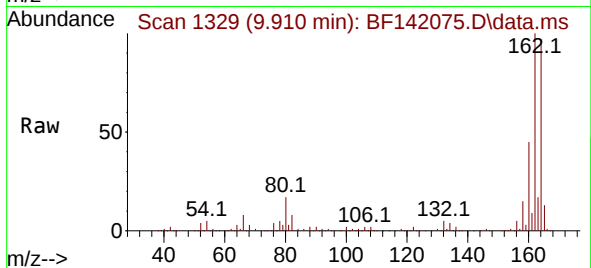
Tgt Ion:164 Resp: 298467

Ion Ratio Lower Upper

164 100

162 103.0 81.8 122.6

160 46.1 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.703 ng

RT: 9.033 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF142075.D

Acq: 25 Mar 2025 13:37

Tgt Ion:216 Resp: 469831

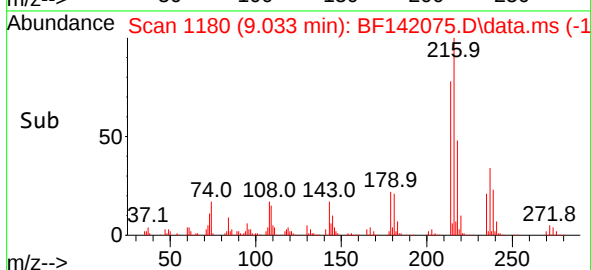
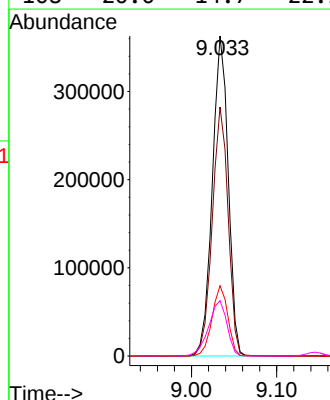
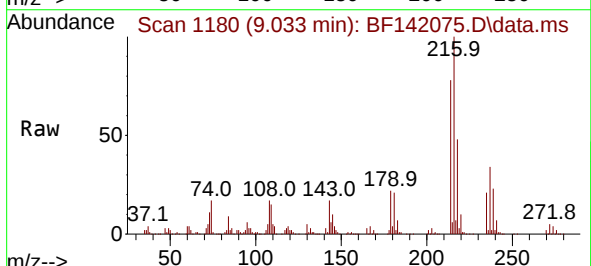
Ion Ratio Lower Upper

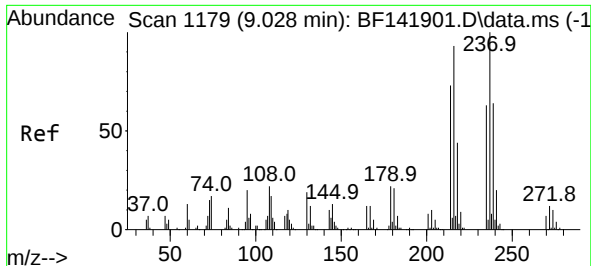
216 100

214 77.9 61.9 92.9

179 21.7 18.1 27.1

108 20.0 14.7 22.1

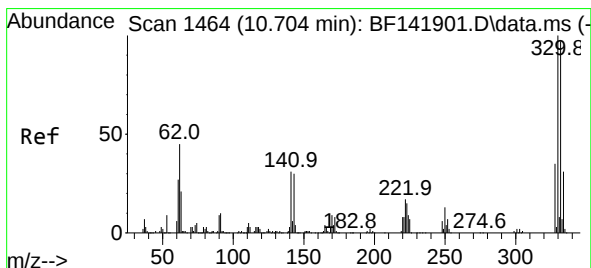
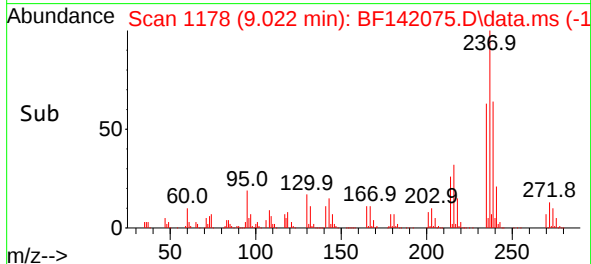
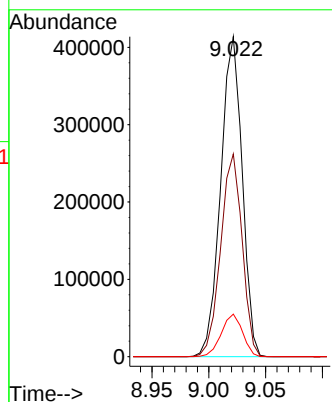
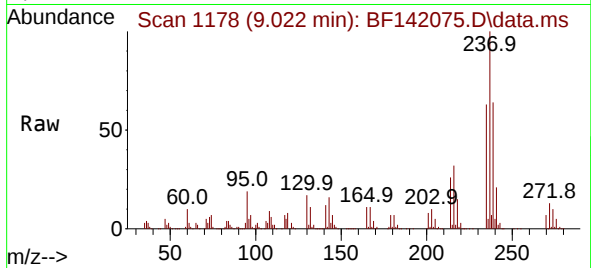




#41
Hexachlorocyclopentadiene
Concen: 153.395 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF142075.D
Acq: 25 Mar 2025 13:37

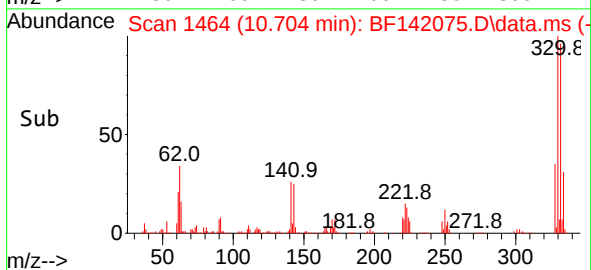
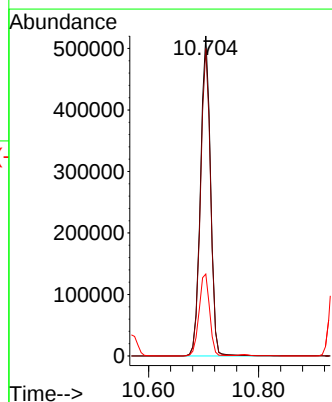
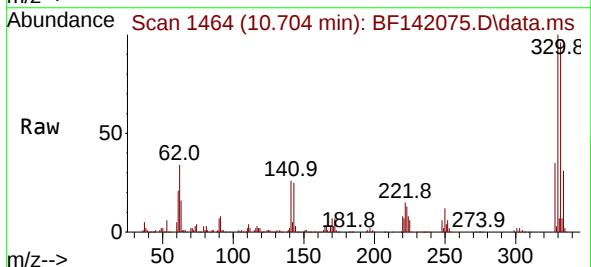
Instrument :
BNA_F
ClientSampleId :
PB167230BS

Tgt Ion:237 Resp: 545523
Ion Ratio Lower Upper
237 100
235 63.4 43.1 83.1
272 13.3 0.0 32.0



#42
2,4,6-Tribromophenol
Concen: 174.424 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF142075.D
Acq: 25 Mar 2025 13:37

Tgt Ion:330 Resp: 660448
Ion Ratio Lower Upper
330 100
332 95.9 77.6 116.4
141 27.0 24.7 37.1

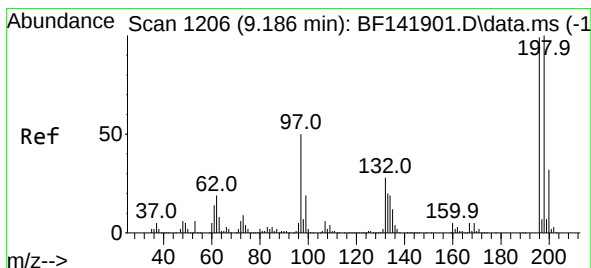
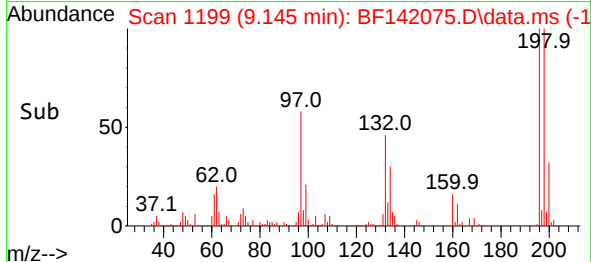
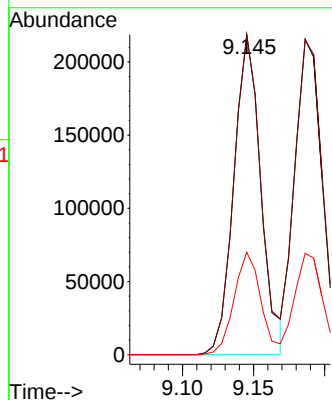
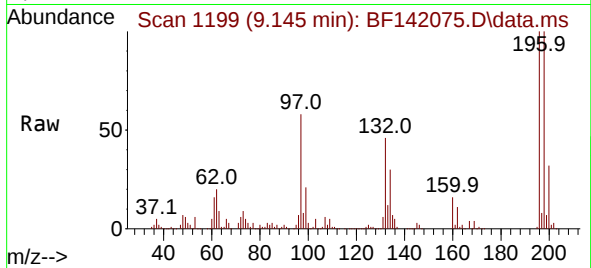




#43
2,4,6-Trichlorophenol
Concen: 48.482 ng
RT: 9.145 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF142075.D
Acq: 25 Mar 2025 13:37

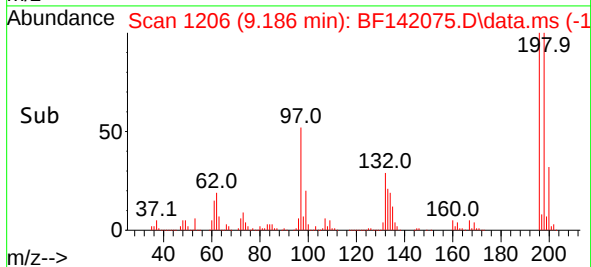
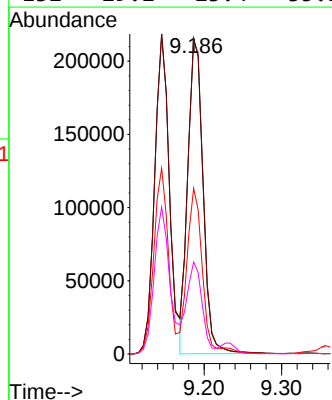
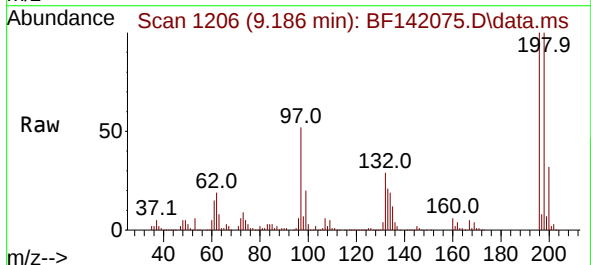
Instrument :
BNA_F
ClientSampleId :
PB167230BS

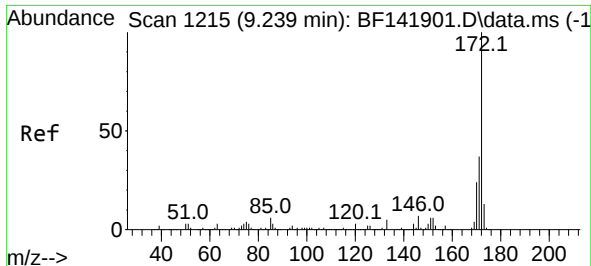
Tgt Ion:196 Resp: 287922
Ion Ratio Lower Upper
196 100
198 99.9 80.6 121.0
200 32.1 25.8 38.6



#44
2,4,5-Trichlorophenol
Concen: 48.892 ng
RT: 9.186 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF142075.D
Acq: 25 Mar 2025 13:37

Tgt Ion:196 Resp: 294075
Ion Ratio Lower Upper
196 100
198 99.7 80.7 121.1
97 52.5 42.1 63.1
132 29.2 23.4 35.2

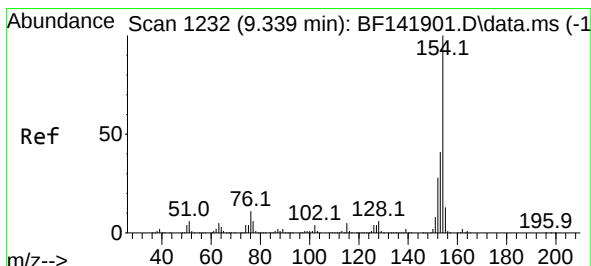
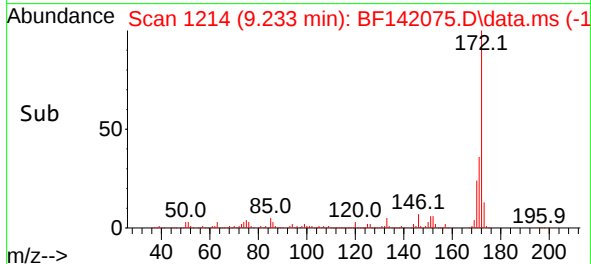
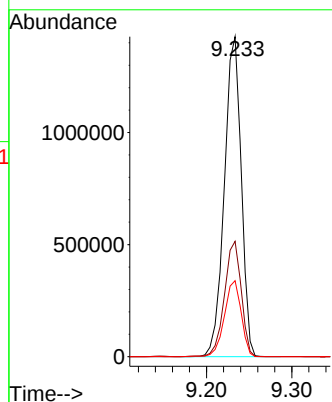
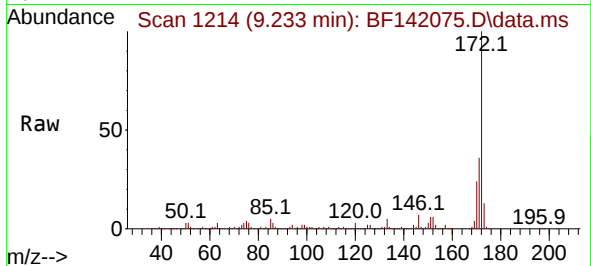




#45
2-Fluorobiphenyl
Concen: 100.134 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF142075.D
Acq: 25 Mar 2025 13:37

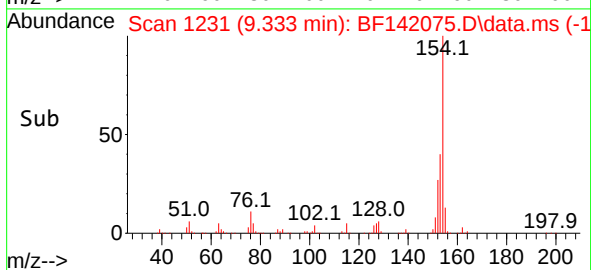
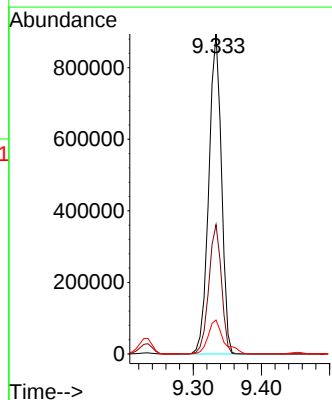
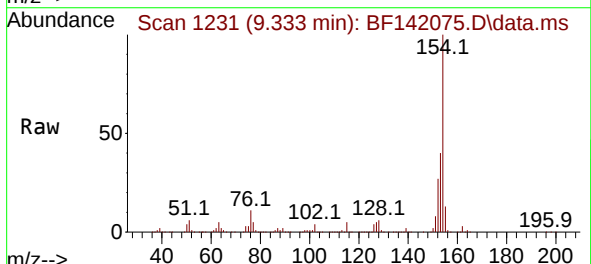
Instrument :
BNA_F
ClientSampleId :
PB167230BS

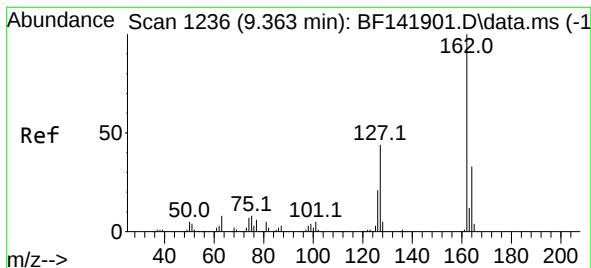
Tgt Ion:172 Resp: 1965183
Ion Ratio Lower Upper
172 100
171 36.1 29.3 43.9
170 23.7 19.4 29.0



#46
1,1'-Biphenyl
Concen: 50.794 ng
RT: 9.333 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BF142075.D
Acq: 25 Mar 2025 13:37

Tgt Ion:154 Resp: 1151909
Ion Ratio Lower Upper
154 100
153 40.4 21.1 61.1
76 10.6 0.0 31.3





#47

2-Chloronaphthalene

Concen: 46.846 ng

RT: 9.357 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142075.D

Acq: 25 Mar 2025 13:37

Instrument :

BNA_F

ClientSampleId :

PB167230BS

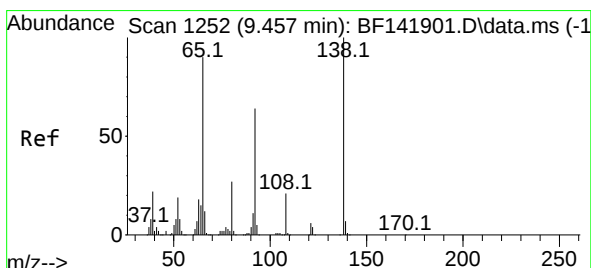
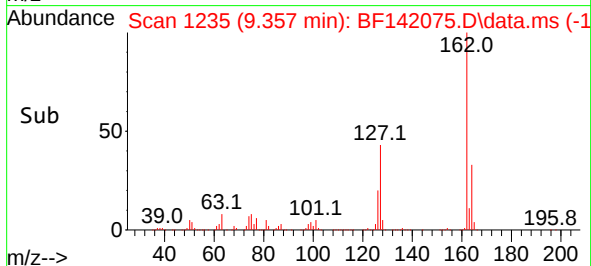
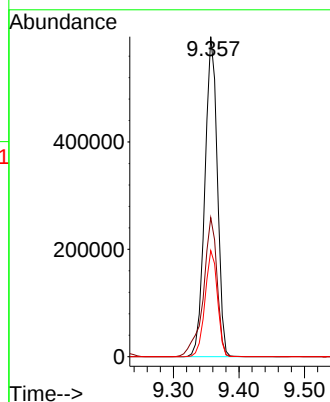
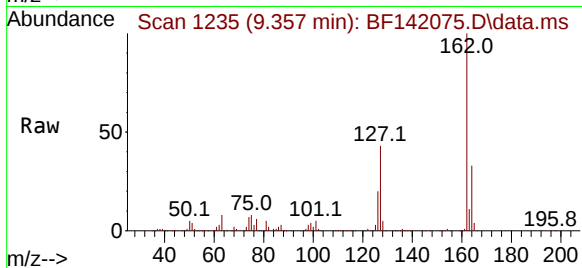
Tgt Ion:162 Resp: 791832

Ion Ratio Lower Upper

162 100

127 43.5 35.5 53.3

164 33.1 26.6 40.0



#48

2-Nitroaniline

Concen: 47.679 ng

RT: 9.451 min Scan# 1251

Delta R.T. -0.006 min

Lab File: BF142075.D

Acq: 25 Mar 2025 13:37

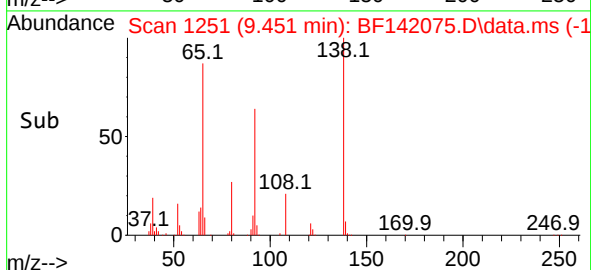
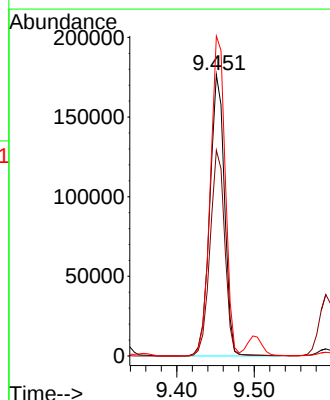
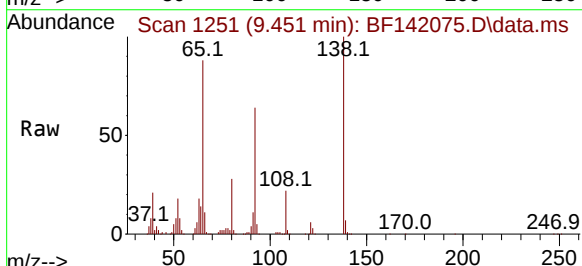
Tgt Ion: 65 Resp: 233348

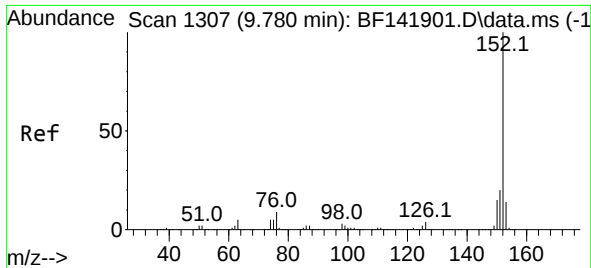
Ion Ratio Lower Upper

65 100

92 73.1 56.6 84.8

138 113.7 88.6 133.0





#49

Acenaphthylene

Concen: 49.230 ng

RT: 9.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142075.D

Acq: 25 Mar 2025 13:37

Instrument :

BNA_F

ClientSampleId :

PB167230BS

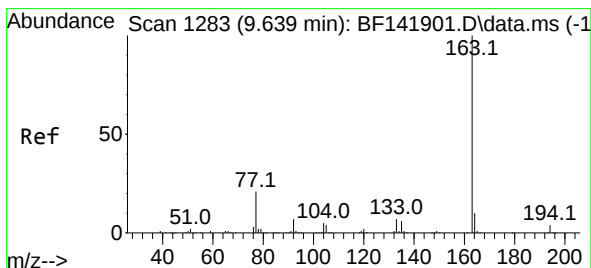
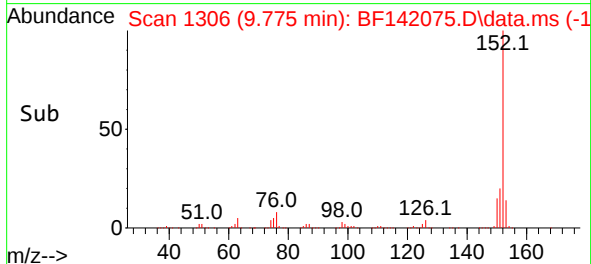
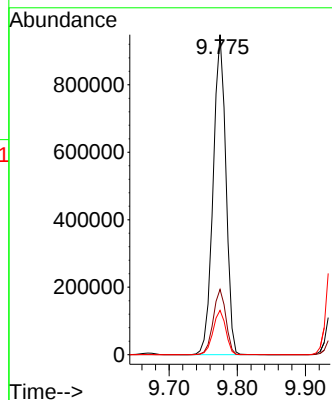
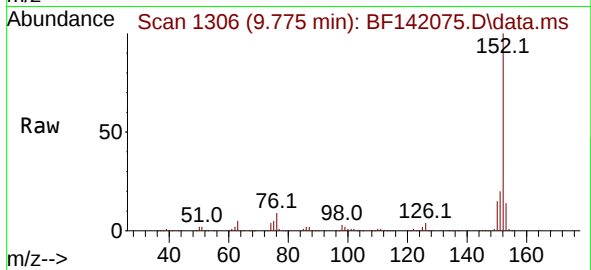
Tgt Ion:152 Resp: 1234862

Ion Ratio Lower Upper

152 100

151 20.4 16.3 24.5

153 13.9 11.1 16.7



#50

Dimethylphthalate

Concen: 46.743 ng

RT: 9.633 min Scan# 1282

Delta R.T. -0.006 min

Lab File: BF142075.D

Acq: 25 Mar 2025 13:37

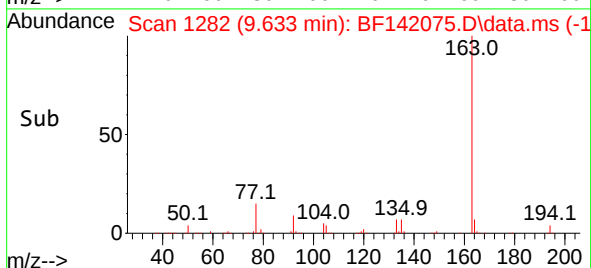
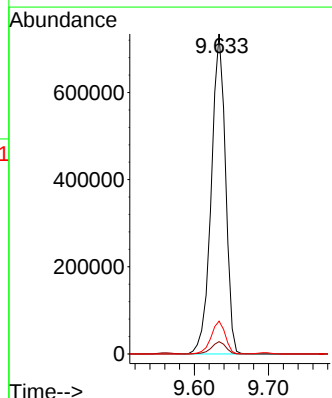
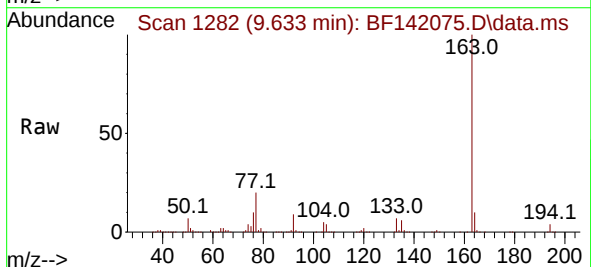
Tgt Ion:163 Resp: 976980

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.2 8.2 12.4

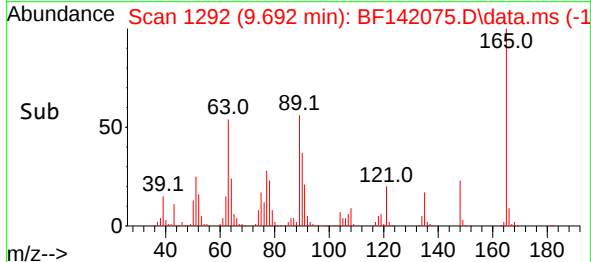
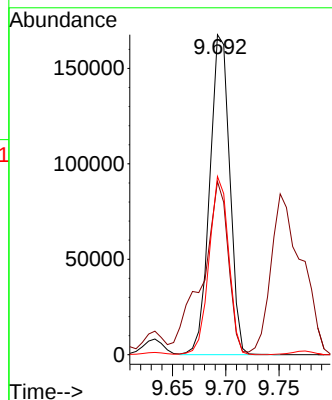
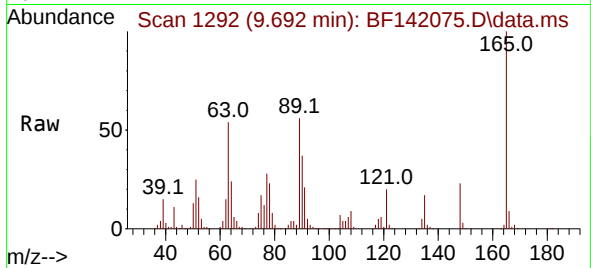




#51
2,6-Dinitrotoluene
Concen: 50.205 ng
RT: 9.692 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142075.D
Acq: 25 Mar 2025 13:37

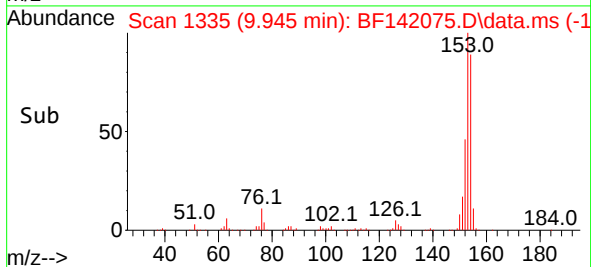
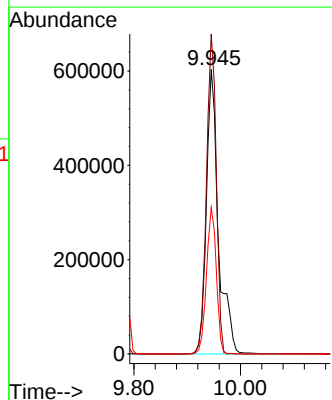
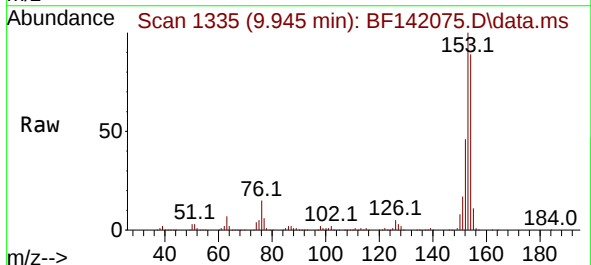
Instrument :
BNA_F
ClientSampleId :
PB167230BS

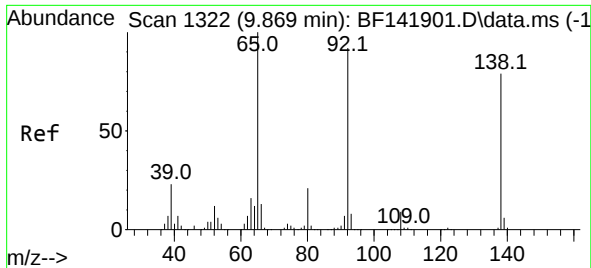
Tgt Ion:165 Resp: 218479
Ion Ratio Lower Upper
165 100
63 54.1 47.0 70.4
89 55.7 47.4 71.2



#52
Acenaphthene
Concen: 53.537 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF142075.D
Acq: 25 Mar 2025 13:37

Tgt Ion:154 Resp: 943722
Ion Ratio Lower Upper
154 100
153 112.5 90.7 136.1
152 51.5 41.1 61.7

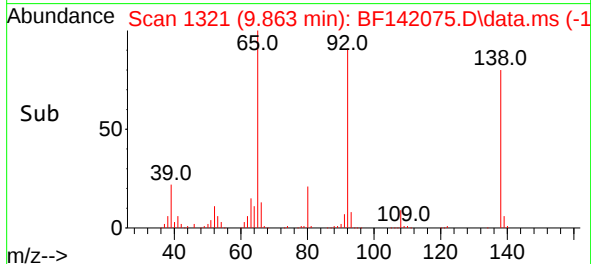
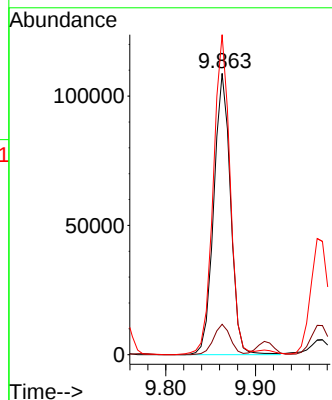
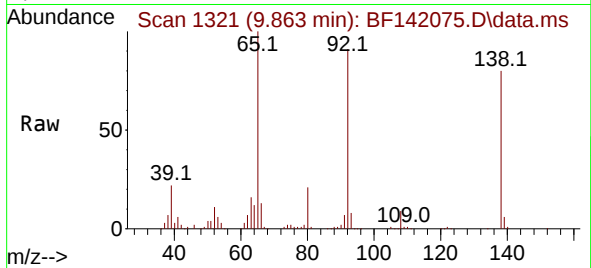




#53
3-Nitroaniline
Concen: 31.986 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142075.D
Acq: 25 Mar 2025 13:37

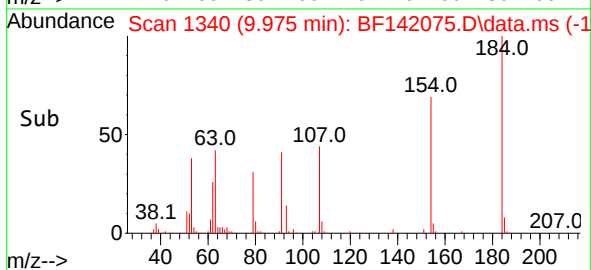
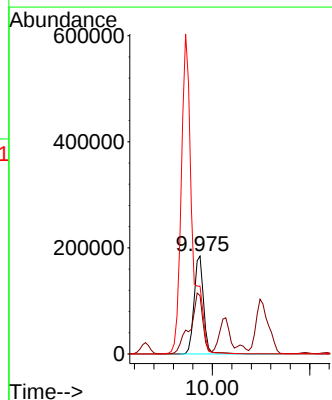
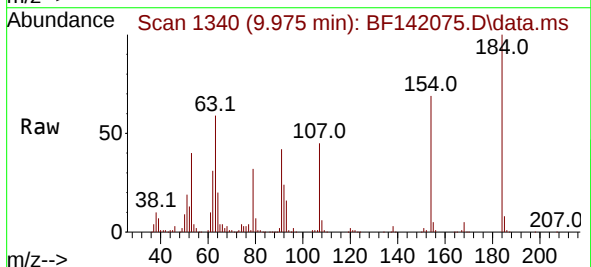
Instrument :
BNA_F
ClientSampleId :
PB167230BS

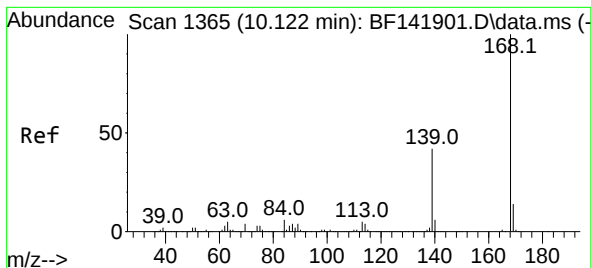
Tgt Ion:138 Resp: 141198
Ion Ratio Lower Upper
138 100
108 10.8 9.3 13.9
92 113.7 93.5 140.3



#54
2,4-Dinitrophenol
Concen: 100.570 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF142075.D
Acq: 25 Mar 2025 13:37

Tgt Ion:184 Resp: 253219
Ion Ratio Lower Upper
184 100
63 59.5 60.2 90.4#
154 69.3 132.9 199.3#





#55

Dibenzenofuran

Concen: 45.535 ng

RT: 10.116 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142075.D

Acq: 25 Mar 2025 13:37

Instrument :

BNA_F

ClientSampleId :

PB167230BS

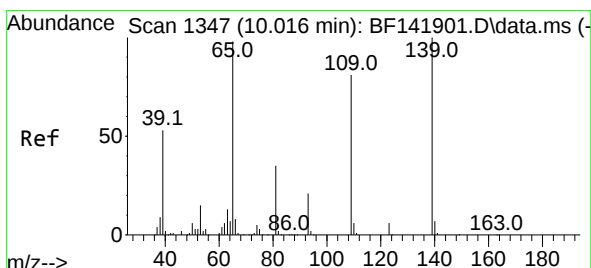
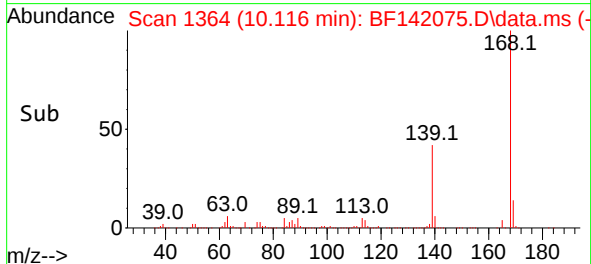
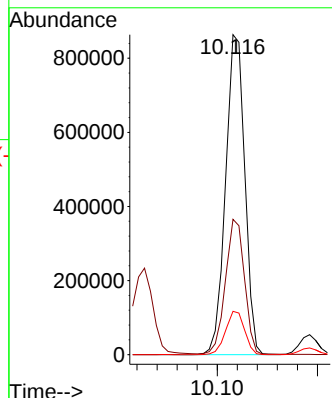
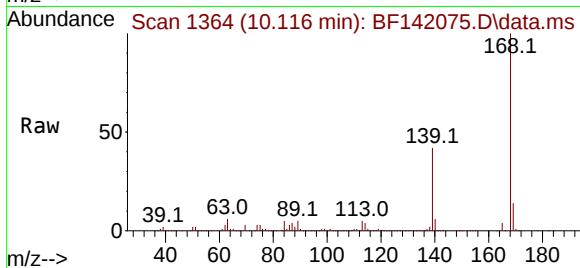
Tgt Ion:168 Resp: 1146927

Ion Ratio Lower Upper

168 100

139 42.3 33.9 50.9

169 13.6 11.0 16.4



#56

4-Nitrophenol

Concen: 101.183 ng

RT: 10.027 min Scan# 1349

Delta R.T. 0.012 min

Lab File: BF142075.D

Acq: 25 Mar 2025 13:37

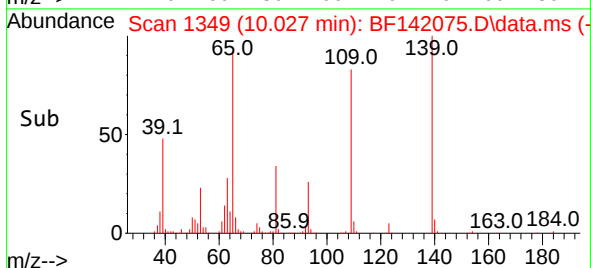
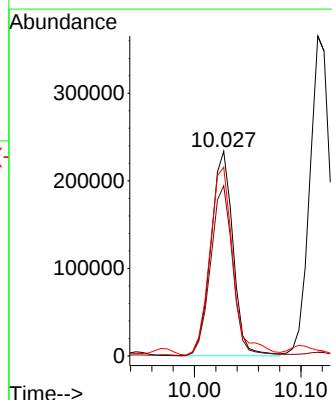
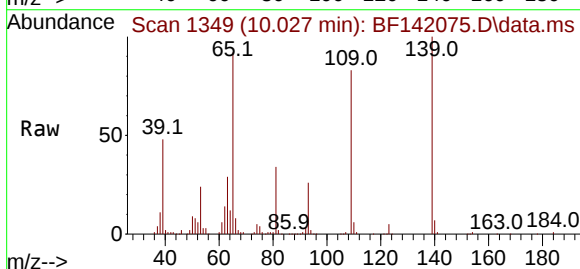
Tgt Ion:139 Resp: 336834

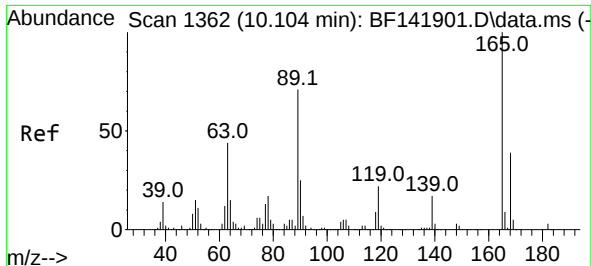
Ion Ratio Lower Upper

139 100

109 83.2 61.6 101.6

65 92.3 79.4 119.4

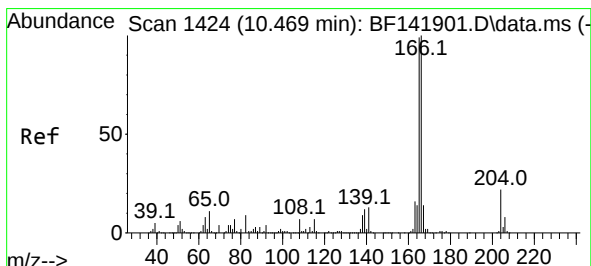
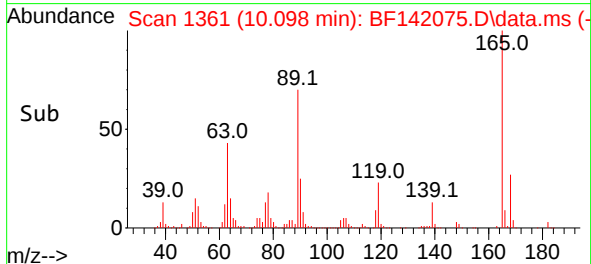
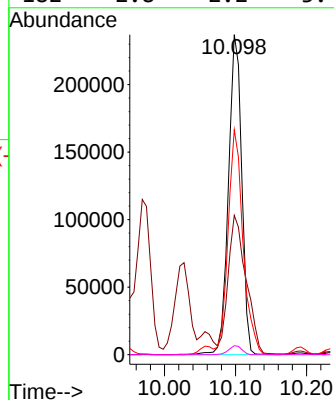
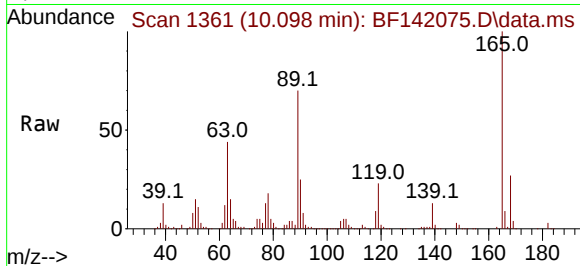




#57
2,4-Dinitrotoluene
Concen: 53.935 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142075.D
Acq: 25 Mar 2025 13:37

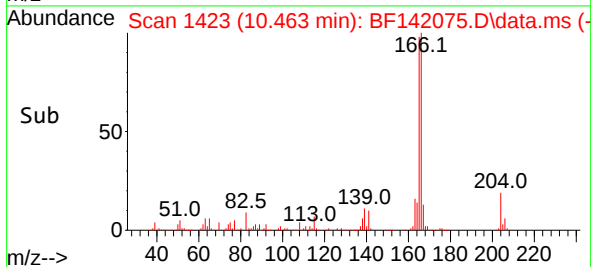
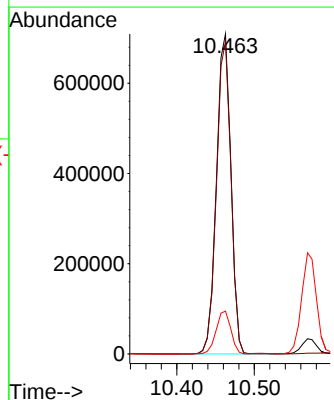
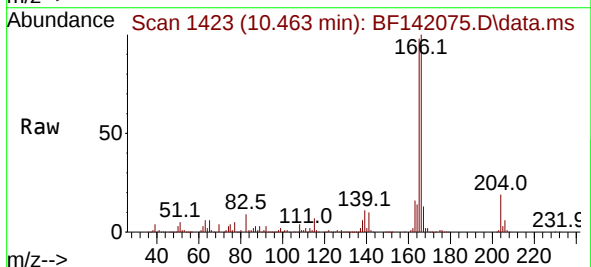
Instrument :
BNA_F
ClientSampleId :
PB167230BS

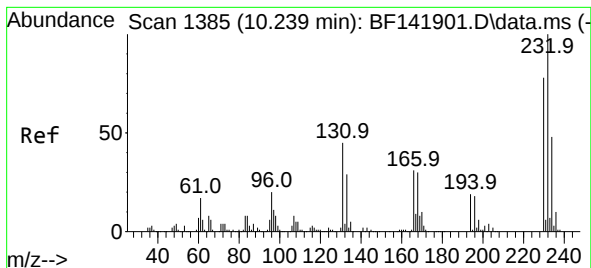
Tgt Ion:165 Resp: 306556
Ion Ratio Lower Upper
165 100
63 43.5 35.4 53.2
89 70.3 56.6 84.8
182 2.8 2.2 3.4



#58
Fluorene
Concen: 47.407 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF142075.D
Acq: 25 Mar 2025 13:37

Tgt Ion:166 Resp: 920835
Ion Ratio Lower Upper
166 100
165 97.6 79.0 118.4
167 13.4 11.0 16.4

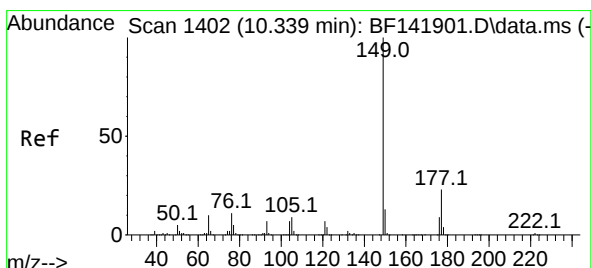
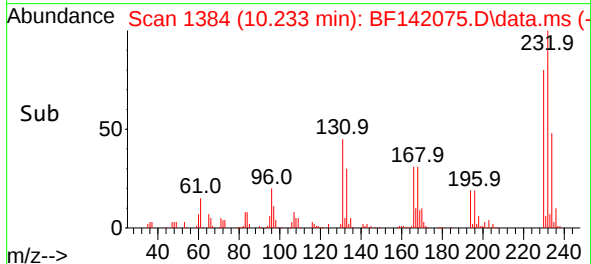
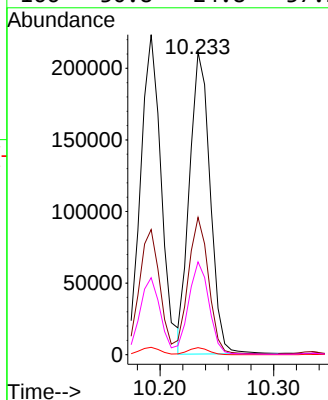
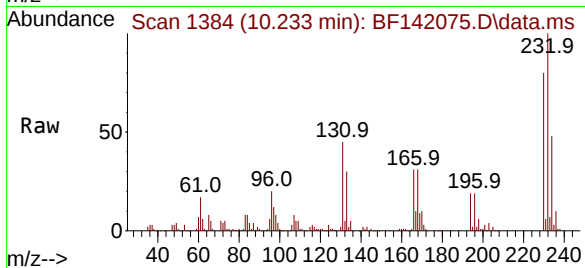




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.448 ng
RT: 10.233 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF142075.D
Acq: 25 Mar 2025 13:37

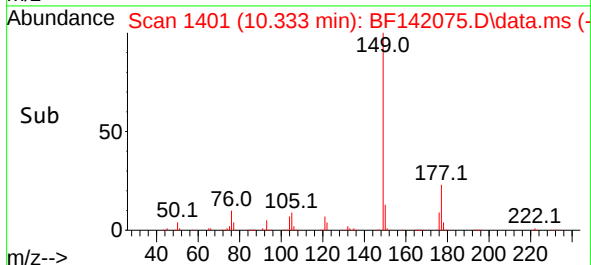
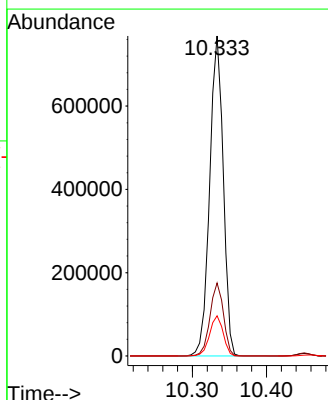
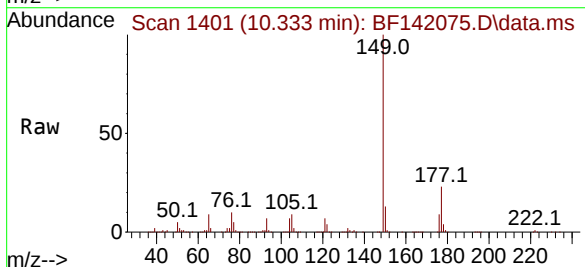
Instrument :
BNA_F
ClientSampleId :
PB167230BS

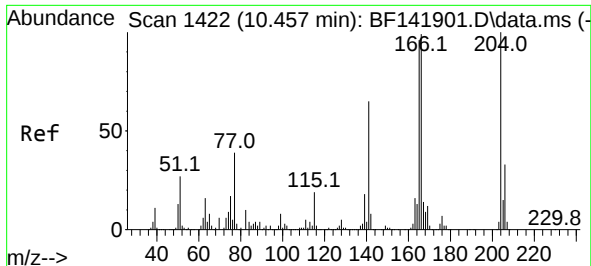
Tgt Ion:232 Resp: 265171
Ion Ratio Lower Upper
232 100
131 46.1 37.3 55.9
130 2.4 1.9 2.9
166 30.8 24.8 37.2



#60
Diethylphthalate
Concen: 46.786 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF142075.D
Acq: 25 Mar 2025 13:37

Tgt Ion:149 Resp: 975066
Ion Ratio Lower Upper
149 100
177 22.8 18.0 27.0
150 12.6 10.2 15.4

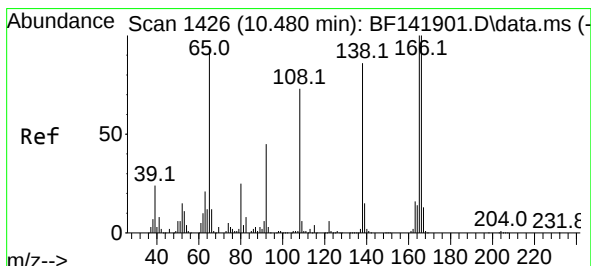
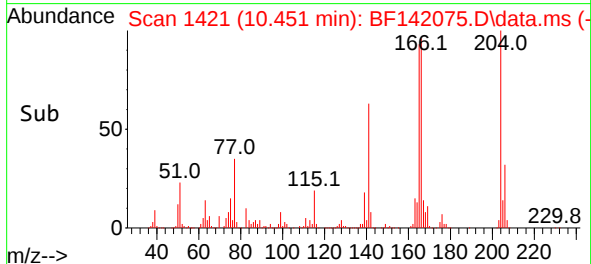
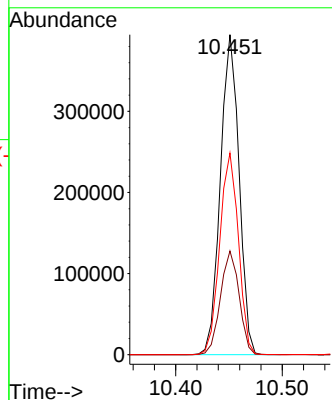
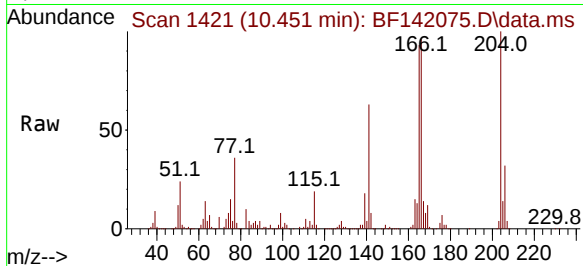




#61
4-Chlorophenyl-phenylether
Concen: 47.312 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF142075.D
Acq: 25 Mar 2025 13:37

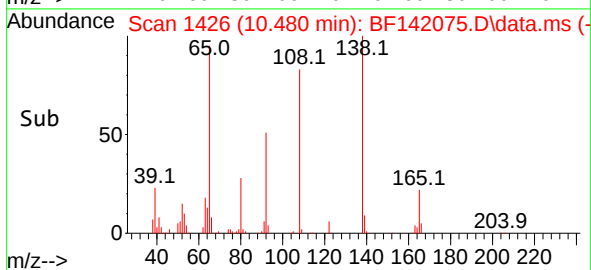
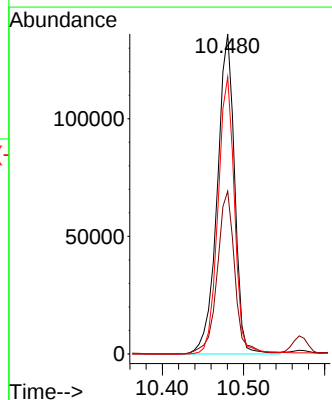
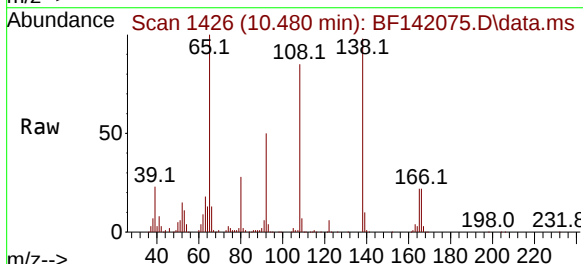
Instrument :
BNA_F
ClientSampleId :
PB167230BS

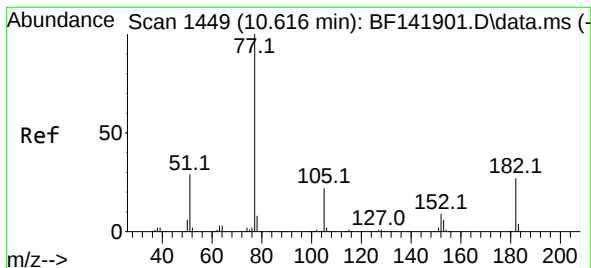
Tgt Ion:204 Resp: 479116
Ion Ratio Lower Upper
204 100
206 32.4 26.8 40.2
141 63.0 52.4 78.6



#62
4-Nitroaniline
Concen: 47.254 ng
RT: 10.480 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF142075.D
Acq: 25 Mar 2025 13:37

Tgt Ion:138 Resp: 203076
Ion Ratio Lower Upper
138 100
92 50.9 32.6 72.6
108 86.6 65.0 105.0





#63

Azobenzene

Concen: 44.109 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF142075.D

Acq: 25 Mar 2025 13:37

Instrument :

BNA_F

ClientSampleId :

PB167230BS

Tgt Ion: 77 Resp: 854649

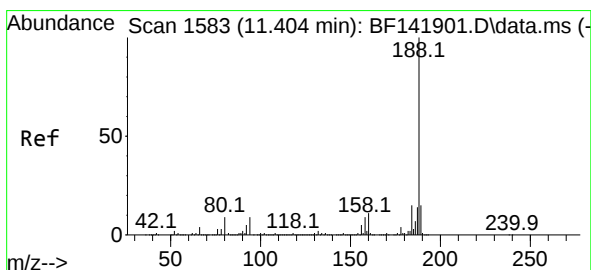
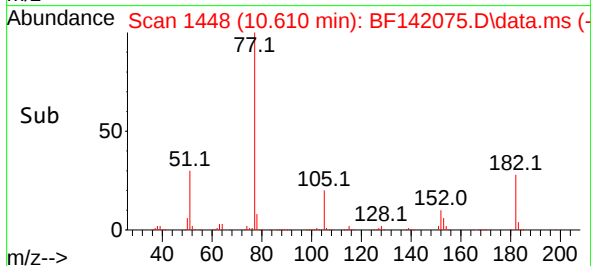
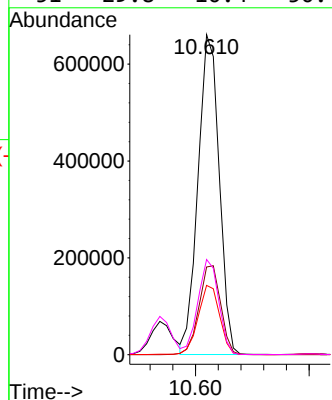
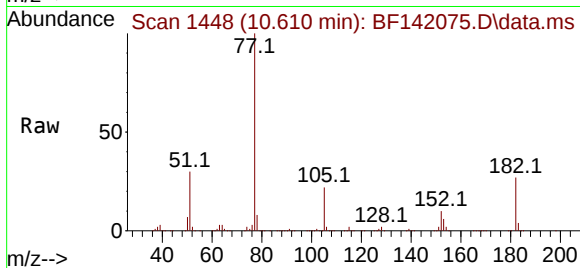
Ion Ratio Lower Upper

77 100

182 27.4 6.6 46.6

105 21.7 1.3 41.3

51 29.8 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: BF142075.D

Acq: 25 Mar 2025 13:37

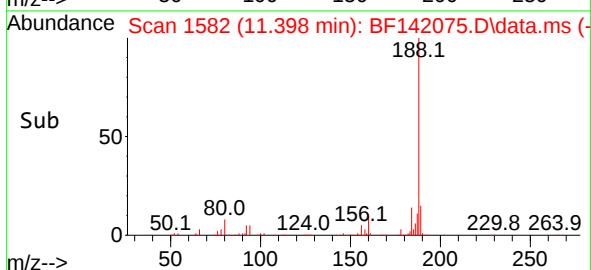
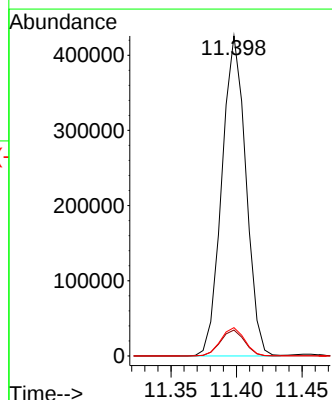
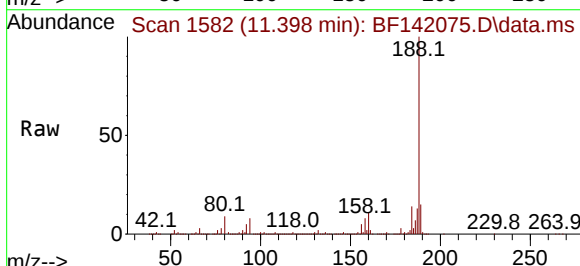
Tgt Ion: 188 Resp: 542673

Ion Ratio Lower Upper

188 100

94 8.1 6.8 10.2

80 8.9 7.6 11.4

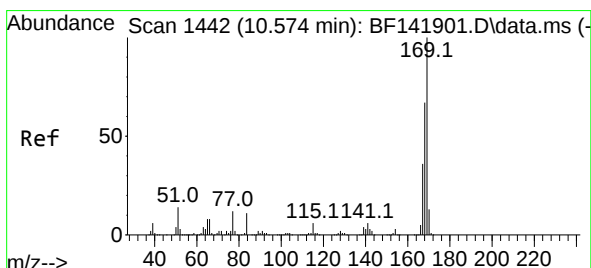
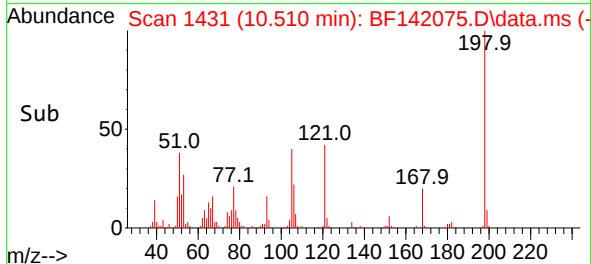
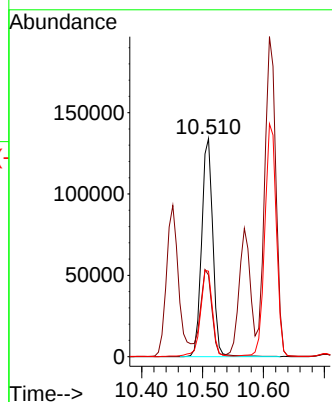
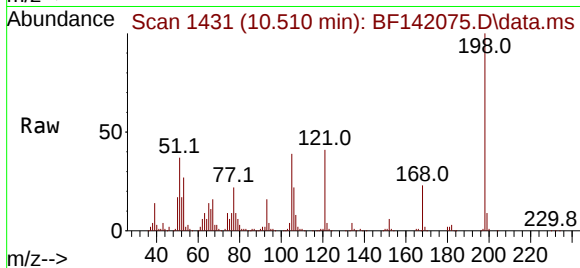




#65
4,6-Dinitro-2-methylphenol
Concen: 52.914 ng
RT: 10.510 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BF142075.D
Acq: 25 Mar 2025 13:37

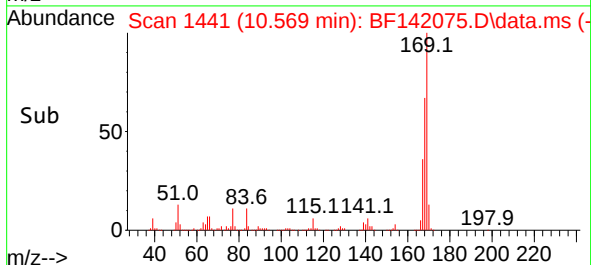
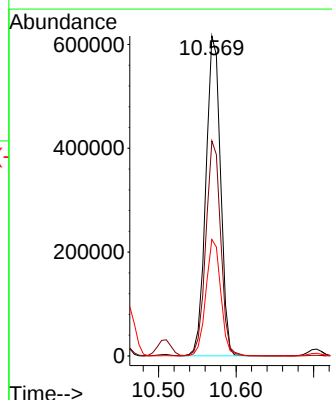
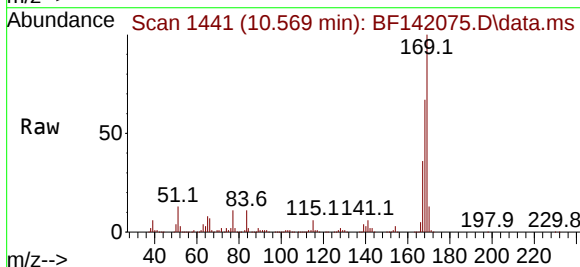
Instrument :
BNA_F
ClientSampleId :
PB167230BS

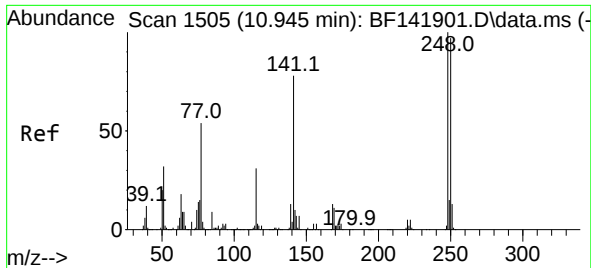
Tgt Ion:198 Resp: 171184
Ion Ratio Lower Upper
198 100
51 37.4 22.3 62.3
105 39.2 23.0 63.0



#66
n-Nitrosodiphenylamine
Concen: 45.938 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF142075.D
Acq: 25 Mar 2025 13:37

Tgt Ion:169 Resp: 806727
Ion Ratio Lower Upper
169 100
168 67.2 53.7 80.5
167 36.4 29.2 43.8

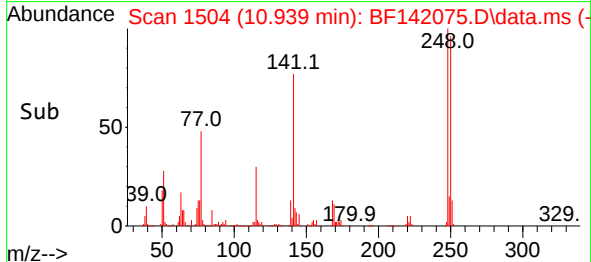
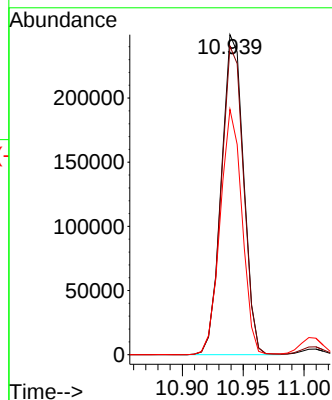
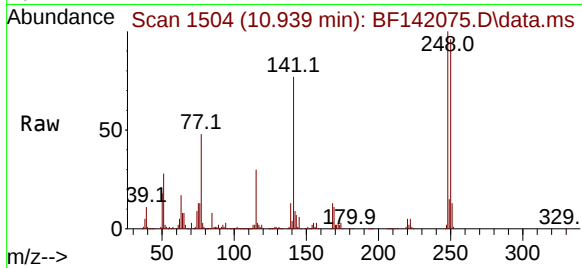




#67
4-Bromophenyl-phenylether
Concen: 46.593 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142075.D
Acq: 25 Mar 2025 13:37

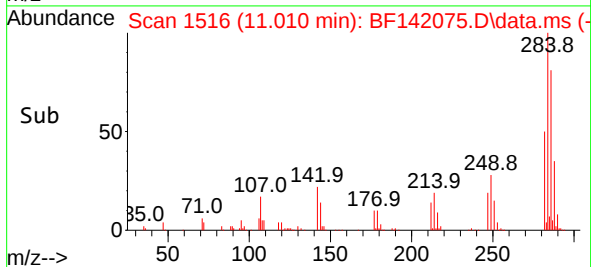
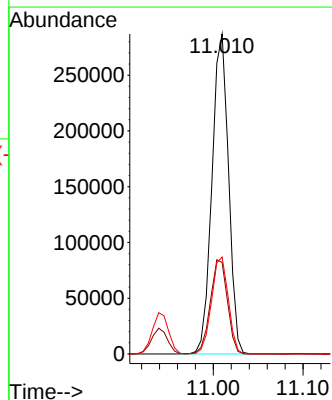
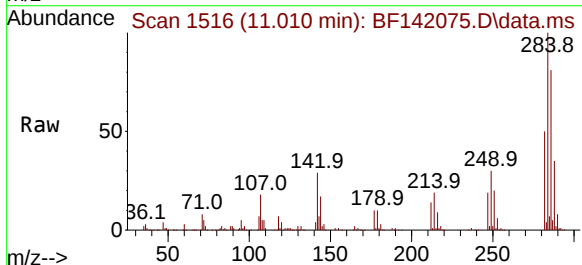
Instrument :
BNA_F
ClientSampleId :
PB167230BS

Tgt Ion:248 Resp: 317546
Ion Ratio Lower Upper
248 100
250 96.4 77.8 116.8
141 76.6 62.6 93.8



#68
Hexachlorobenzene
Concen: 49.131 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF142075.D
Acq: 25 Mar 2025 13:37

Tgt Ion:284 Resp: 367251
Ion Ratio Lower Upper
284 100
142 28.6 27.0 40.6
249 30.3 25.2 37.8





#69

Atrazine

Concen: 63.162 ng

RT: 11.098 min Scan# 1531

Delta R.T. -0.000 min

Lab File: BF142075.D

Acq: 25 Mar 2025 13:37

Instrument :

BNA_F

ClientSampleId :

PB167230BS

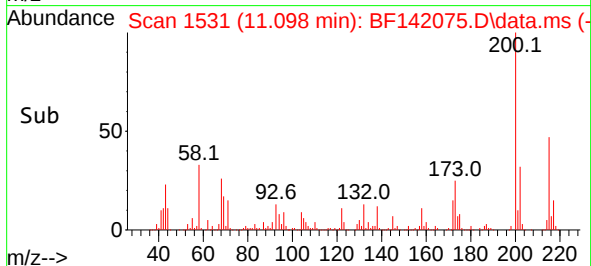
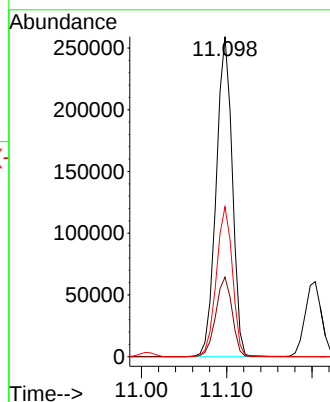
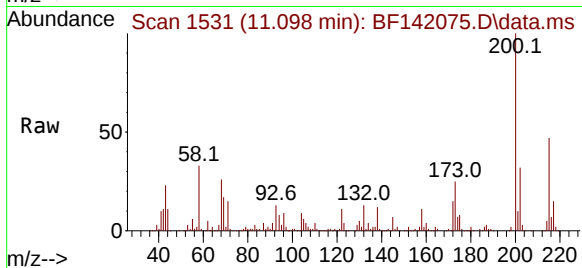
Tgt Ion:200 Resp: 340037

Ion Ratio Lower Upper

200 100

173 24.9 4.7 44.7

215 46.8 25.4 65.4



#70

Pentachlorophenol

Concen: 96.769 ng

RT: 11.204 min Scan# 1549

Delta R.T. 0.000 min

Lab File: BF142075.D

Acq: 25 Mar 2025 13:37

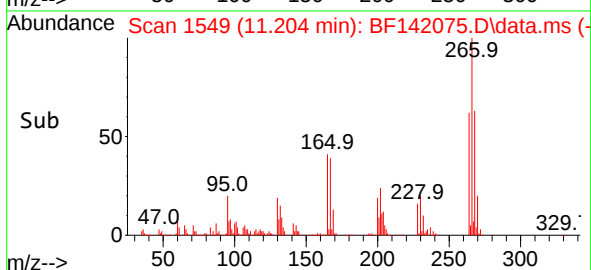
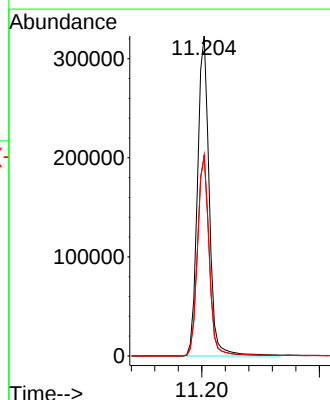
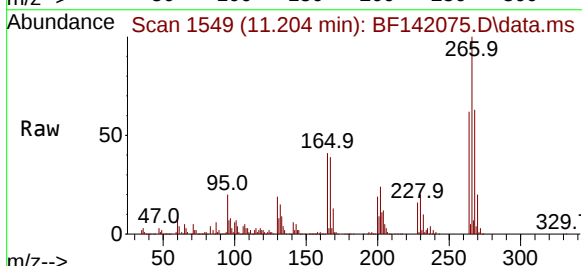
Tgt Ion:266 Resp: 445667

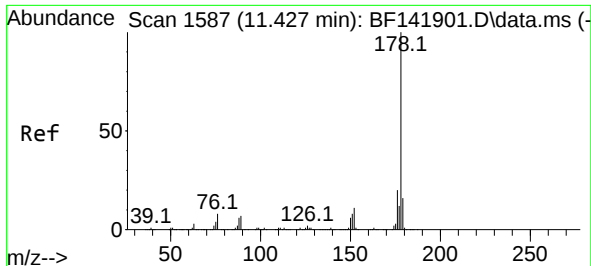
Ion Ratio Lower Upper

266 100

268 62.8 51.0 76.6

264 62.3 50.2 75.2

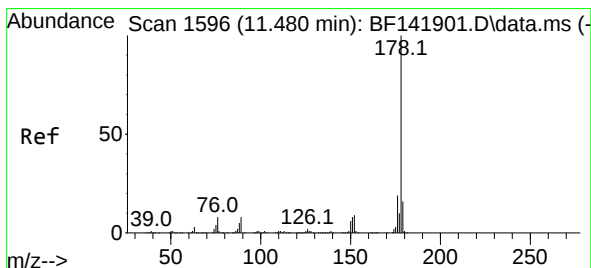
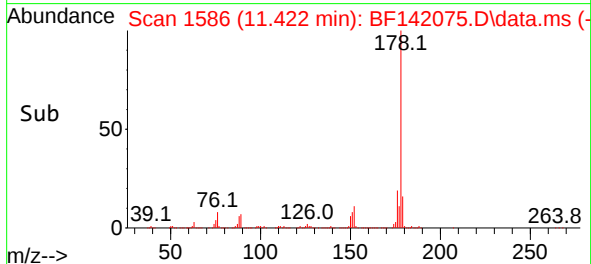
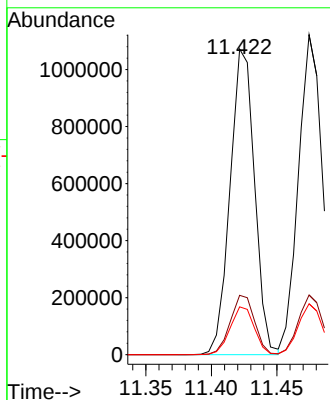
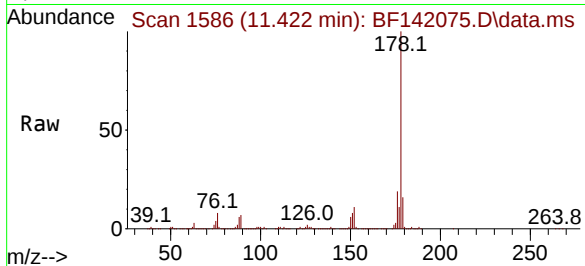




#71
Phenanthrene
Concen: 47.661 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF142075.D
Acq: 25 Mar 2025 13:37

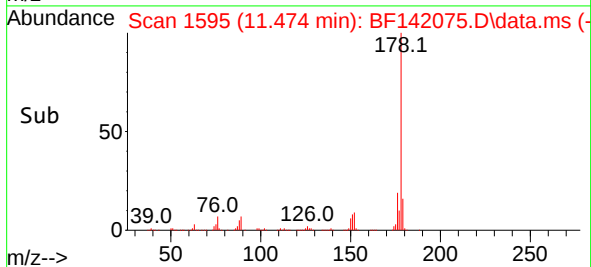
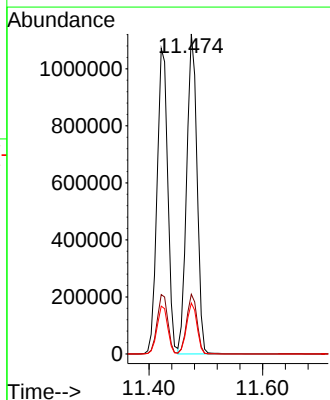
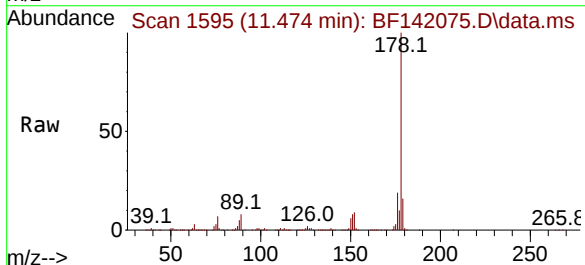
Instrument :
BNA_F
ClientSampleId :
PB167230BS

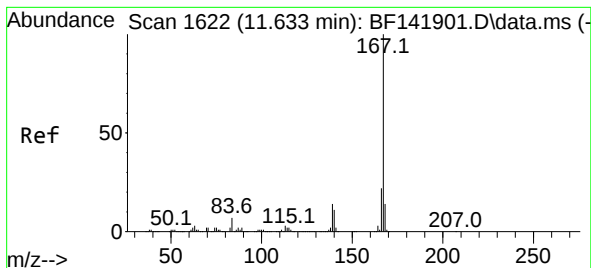
Tgt Ion:178 Resp: 1397006
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.8
179 15.6 12.6 19.0



#72
Anthracene
Concen: 48.254 ng
RT: 11.474 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF142075.D
Acq: 25 Mar 2025 13:37

Tgt Ion:178 Resp: 1419006
Ion Ratio Lower Upper
178 100
176 18.7 15.1 22.7
179 15.9 12.6 19.0





#73

Carbazole

Concen: 46.842 ng

RT: 11.627 min Scan# 1621

Delta R.T. -0.006 min

Lab File: BF142075.D

Acq: 25 Mar 2025 13:37

Instrument :

BNA_F

ClientSampleId :

PB167230BS

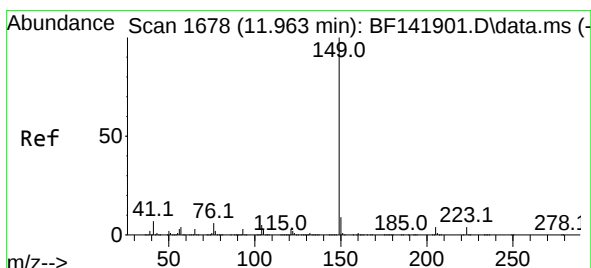
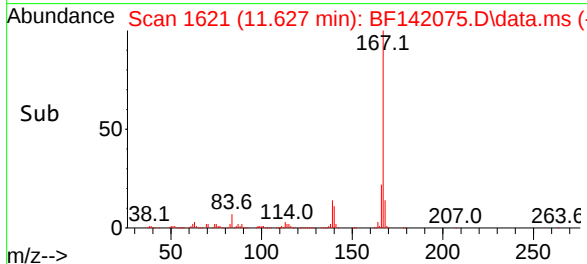
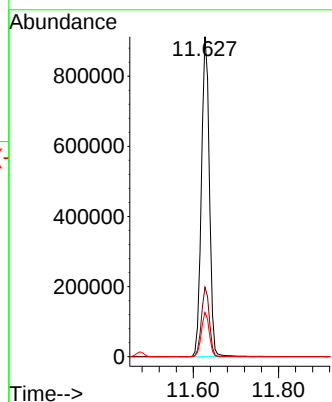
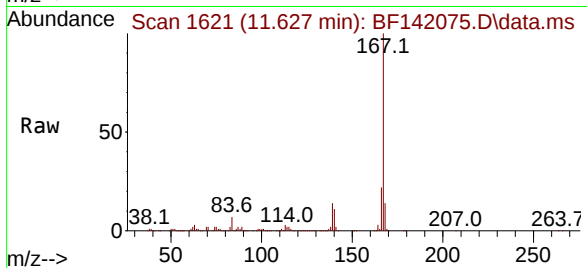
Tgt Ion:167 Resp: 1187959

Ion Ratio Lower Upper

167 100

166 21.7 17.4 26.2

139 13.8 11.0 16.6



#74

Di-n-butylphthalate

Concen: 45.662 ng

RT: 11.957 min Scan# 1677

Delta R.T. -0.006 min

Lab File: BF142075.D

Acq: 25 Mar 2025 13:37

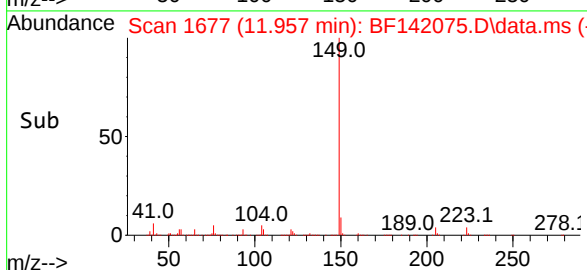
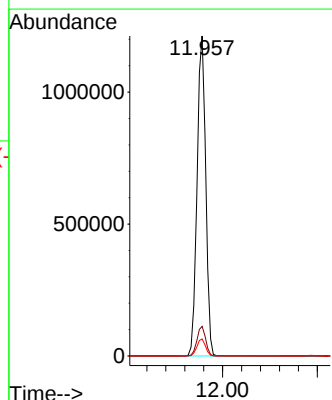
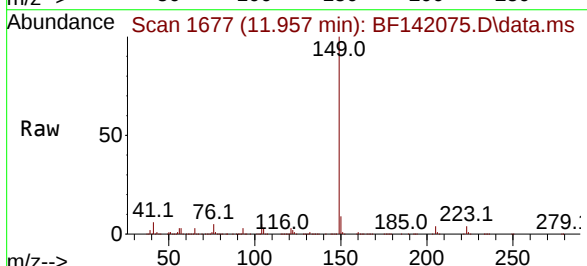
Tgt Ion:149 Resp: 1536584

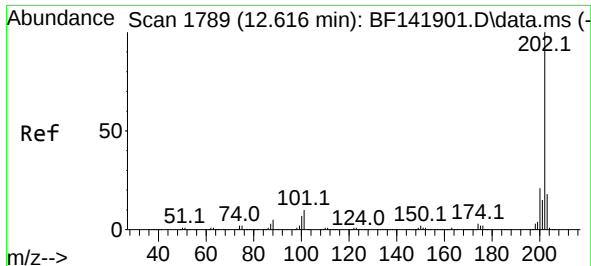
Ion Ratio Lower Upper

149 100

150 9.3 7.6 11.4

104 5.3 4.4 6.6

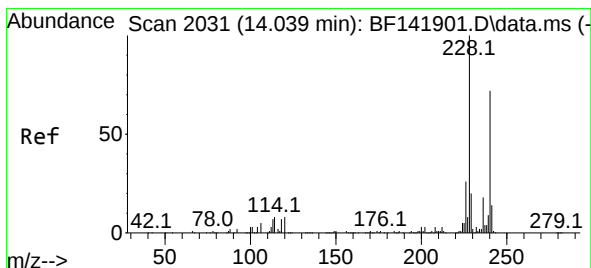
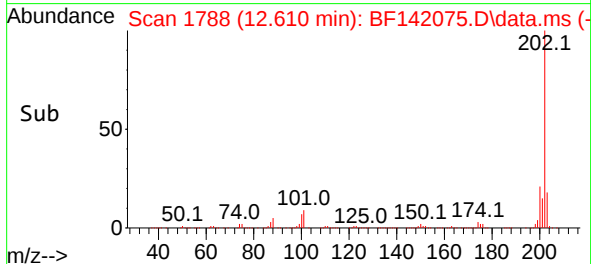
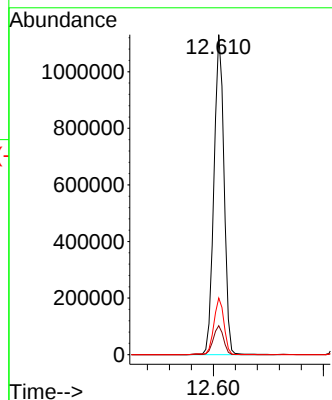
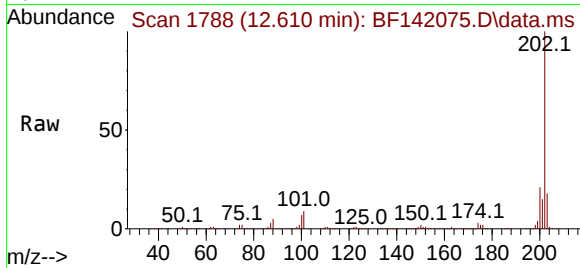




#75
Fluoranthene
Concen: 46.339 ng
RT: 12.610 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142075.D
Acq: 25 Mar 2025 13:37

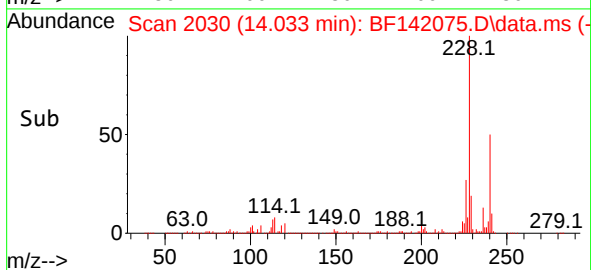
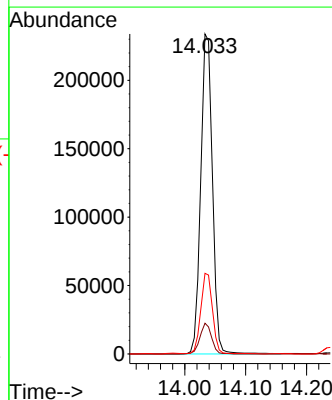
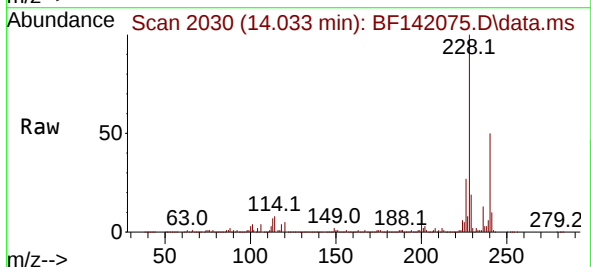
Instrument :
BNA_F
ClientSampleId :
PB167230BS

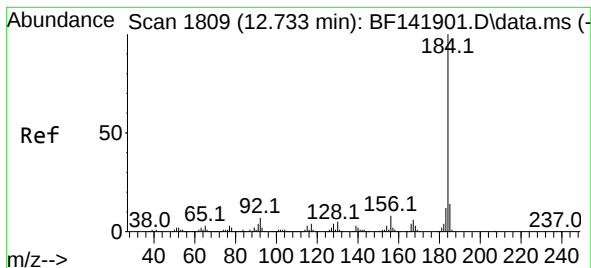
Tgt Ion:202 Resp: 1440803
Ion Ratio Lower Upper
202 100
101 9.1 0.0 29.7
203 17.7 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF142075.D
Acq: 25 Mar 2025 13:37

Tgt Ion:240 Resp: 312615
Ion Ratio Lower Upper
240 100
120 9.6 8.4 12.6
236 25.2 20.5 30.7





#77

Benzidine

Concen: 58.337 ng

RT: 12.727 min Scan# 1808

Delta R.T. -0.006 min

Lab File: BF142075.D

Acq: 25 Mar 2025 13:37

Instrument :

BNA_F

ClientSampleId :

PB167230BS

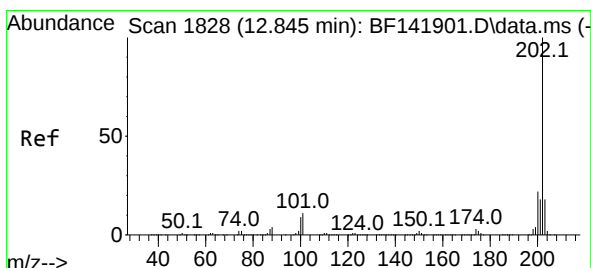
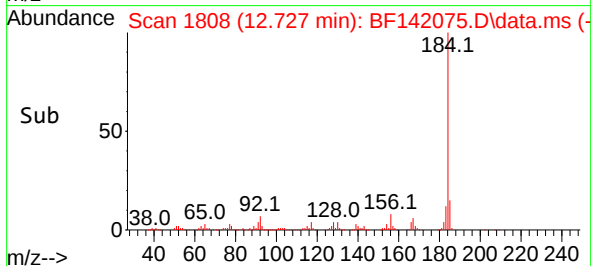
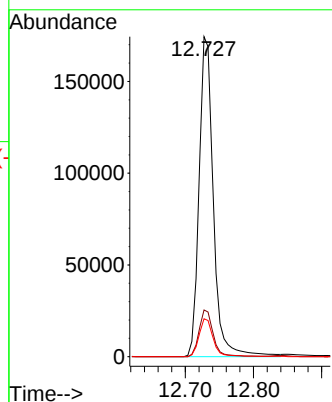
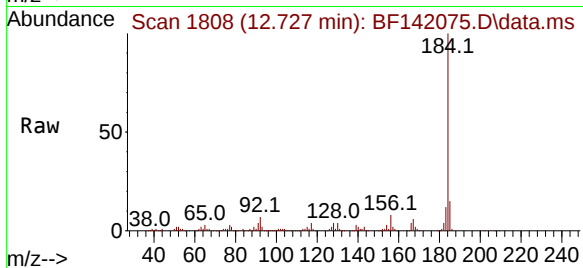
Tgt Ion:184 Resp: 254441

Ion Ratio Lower Upper

184 100

185 14.6 11.5 17.3

183 11.9 9.7 14.5



#78

Pyrene

Concen: 53.374 ng

RT: 12.839 min Scan# 1827

Delta R.T. -0.006 min

Lab File: BF142075.D

Acq: 25 Mar 2025 13:37

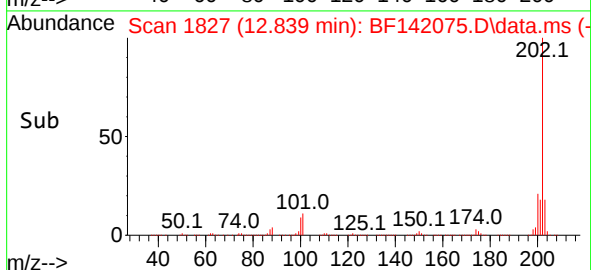
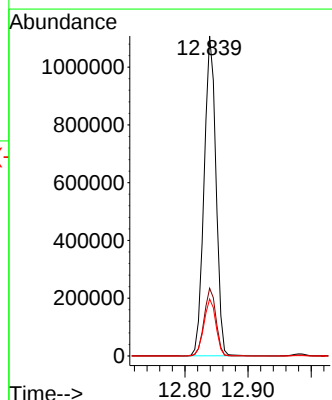
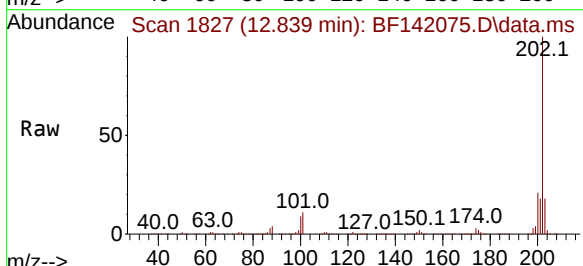
Tgt Ion:202 Resp: 1443323

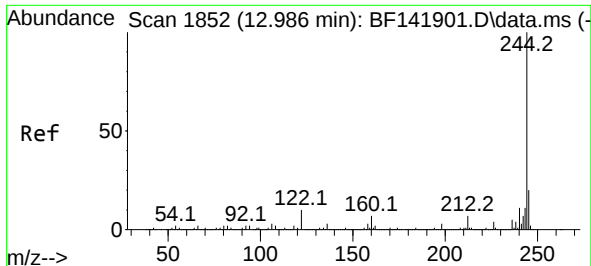
Ion Ratio Lower Upper

202 100

200 21.1 17.3 25.9

203 17.8 14.4 21.6

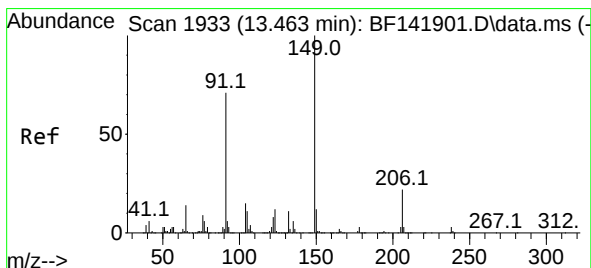
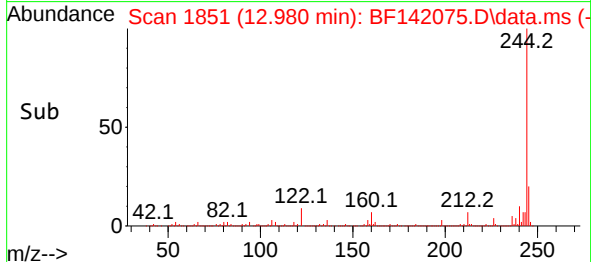
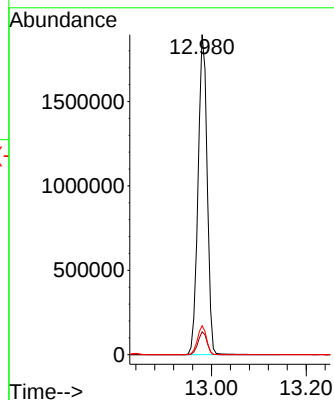
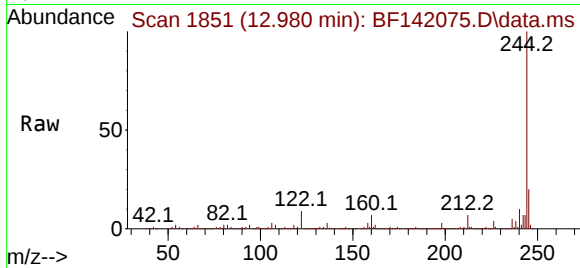




#79
 Terphenyl-d14
 Concen: 119.597 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF142075.D
 Acq: 25 Mar 2025 13:37

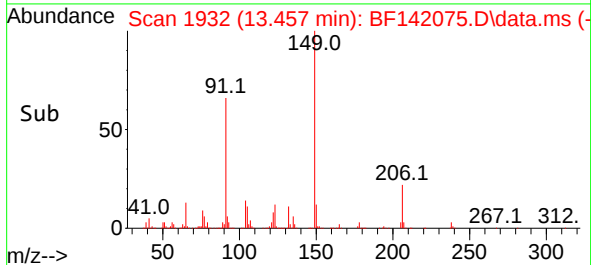
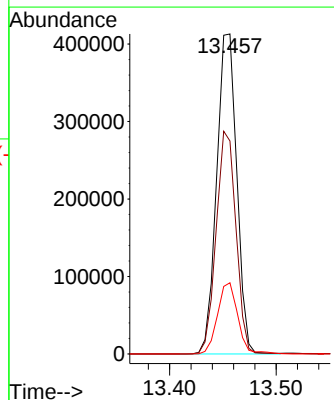
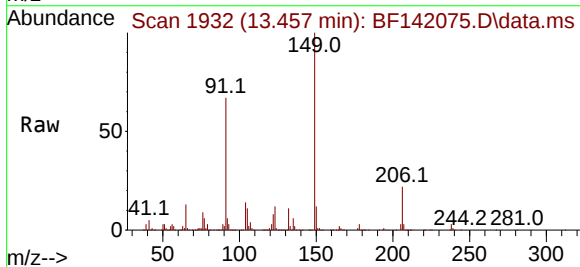
Instrument :
 BNA_F
 ClientSampleId :
 PB167230BS

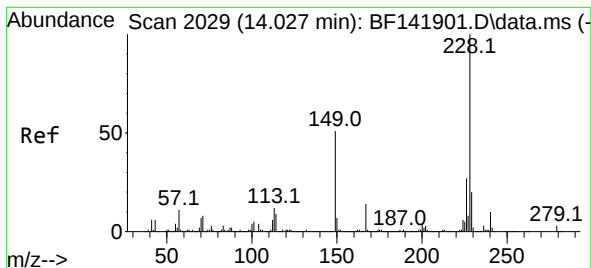
Tgt Ion:244 Resp: 2528847
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 9.0 7.7 11.5



#80
 Butylbenzylphthalate
 Concen: 51.160 ng
 RT: 13.457 min Scan# 1932
 Delta R.T. -0.006 min
 Lab File: BF142075.D
 Acq: 25 Mar 2025 13:37

Tgt Ion:149 Resp: 541486
 Ion Ratio Lower Upper
 149 100
 91 66.5 56.5 84.7
 206 22.2 17.3 25.9





#81

Benzo(a)anthracene

Concen: 48.766 ng

RT: 14.027 min Scan# 2029

Delta R.T. 0.000 min

Lab File: BF142075.D

Acq: 25 Mar 2025 13:37

Instrument :

BNA_F

ClientSampleId :

PB167230BS

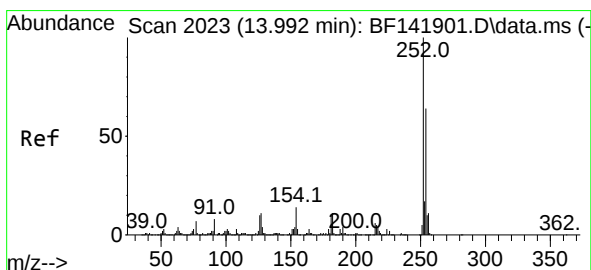
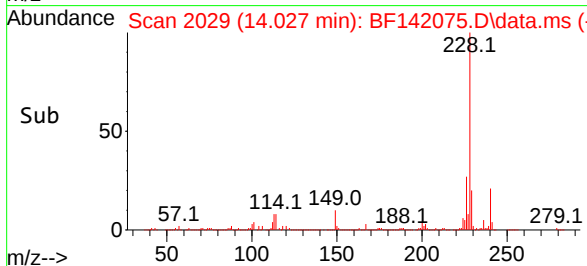
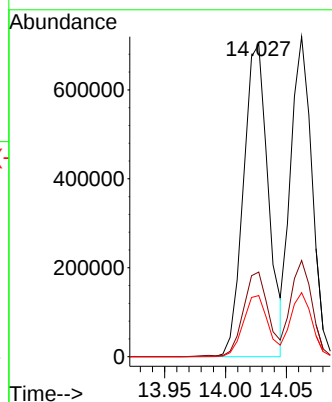
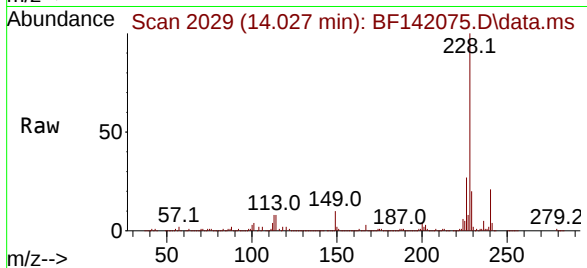
Tgt Ion:228 Resp: 1000387

Ion Ratio Lower Upper

228 100

226 27.1 21.8 32.8

229 19.6 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 33.648 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF142075.D

Acq: 25 Mar 2025 13:37

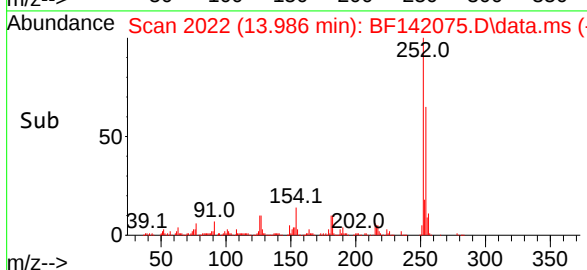
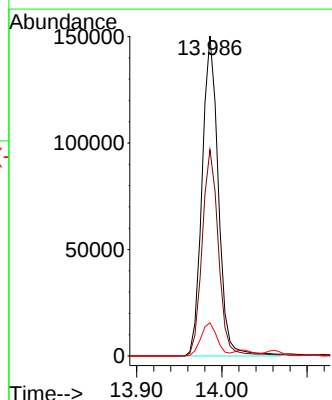
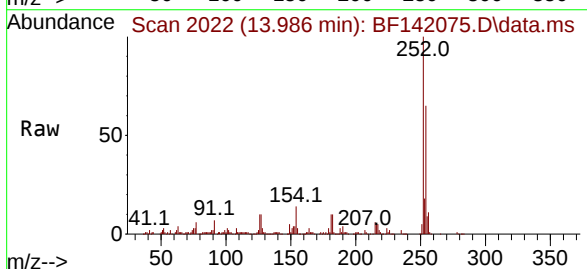
Tgt Ion:252 Resp: 199472

Ion Ratio Lower Upper

252 100

254 64.5 51.0 76.6

126 10.4 8.4 12.6





#83

Chrysene

Concen: 47.433 ng

RT: 14.063 min Scan# 2036

Delta R.T. -0.006 min

Lab File: BF142075.D

Acq: 25 Mar 2025 13:37

Instrument :

BNA_F

ClientSampleId :

PB167230BS

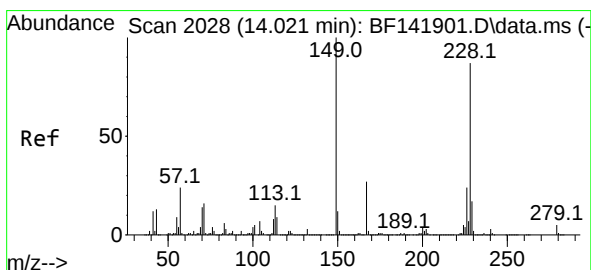
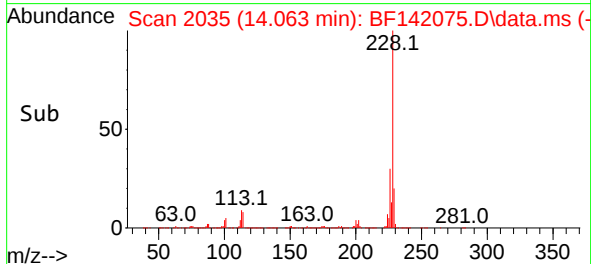
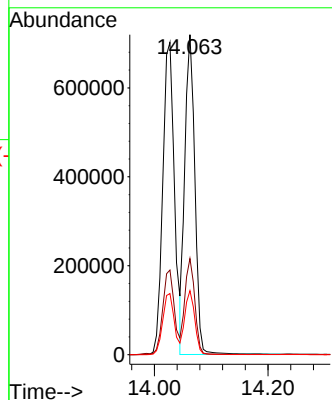
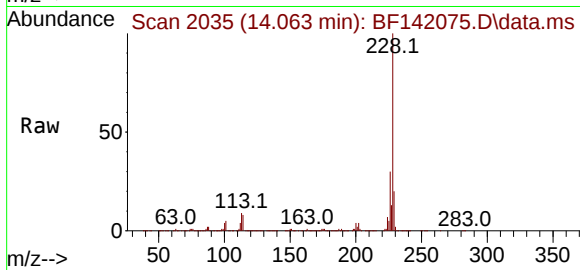
Tgt Ion:228 Resp: 882028

Ion Ratio Lower Upper

228 100

226 30.1 24.1 36.1

229 20.0 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.695 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.012 min

Lab File: BF142075.D

Acq: 25 Mar 2025 13:37

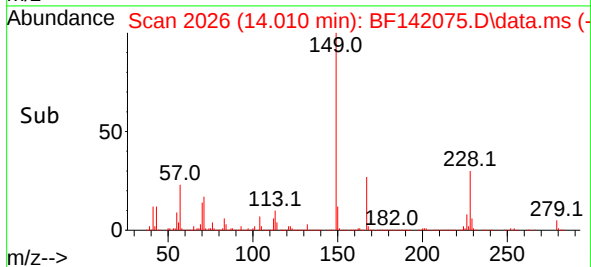
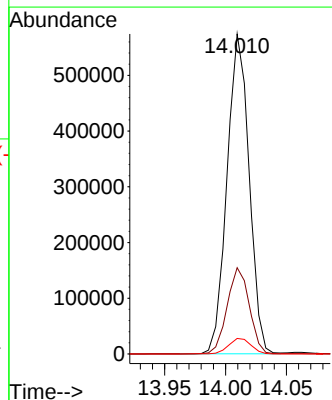
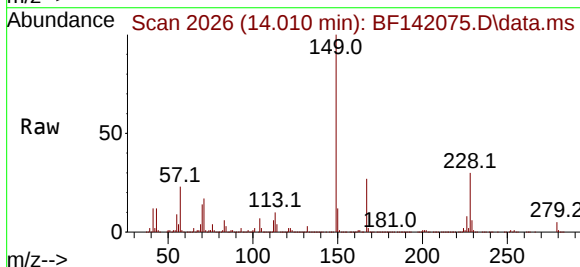
Tgt Ion:149 Resp: 725208

Ion Ratio Lower Upper

149 100

167 27.0 21.4 32.0

279 4.8 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 48.764 ng

RT: 14.621 min Scan# 2132

Delta R.T. -0.012 min

Lab File: BF142075.D

Acq: 25 Mar 2025 13:37

Instrument :

BNA_F

ClientSampleId :

PB167230BS

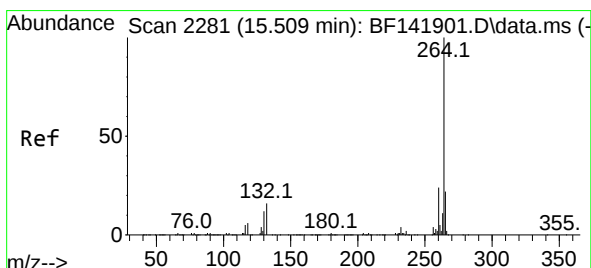
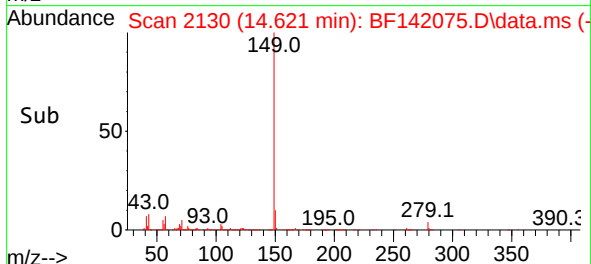
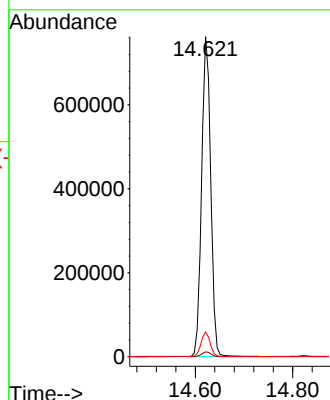
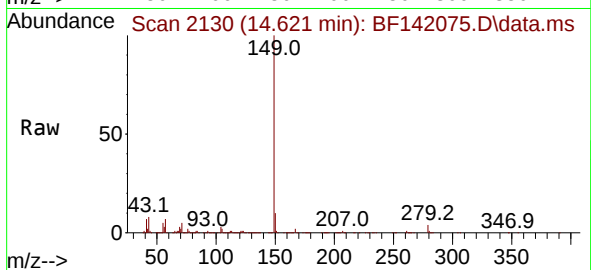
Tgt Ion:149 Resp: 990154

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.5 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.509 min Scan# 2281

Delta R.T. 0.000 min

Lab File: BF142075.D

Acq: 25 Mar 2025 13:37

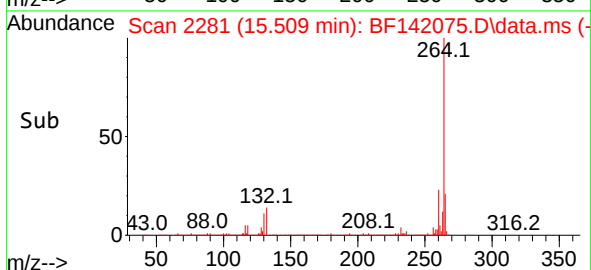
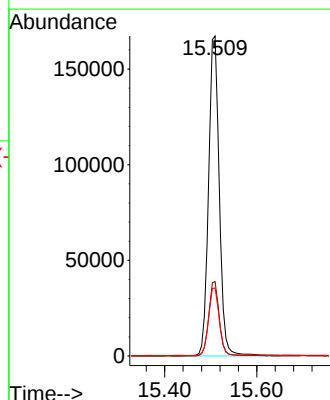
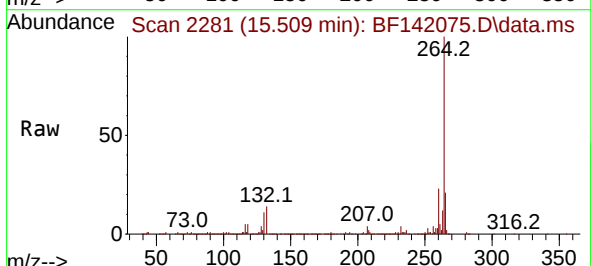
Tgt Ion:264 Resp: 273062

Ion Ratio Lower Upper

264 100

260 23.2 19.1 28.7

265 21.3 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.475 ng

RT: 16.998 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF142075.D

Acq: 25 Mar 2025 13:37

Instrument :

BNA_F

ClientSampleId :

PB167230BS

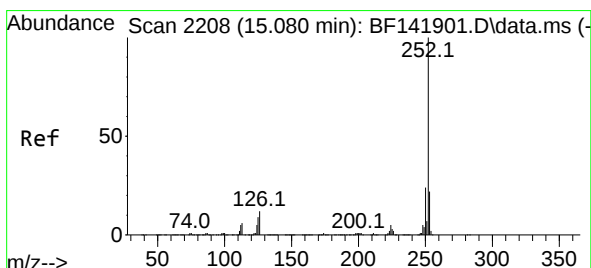
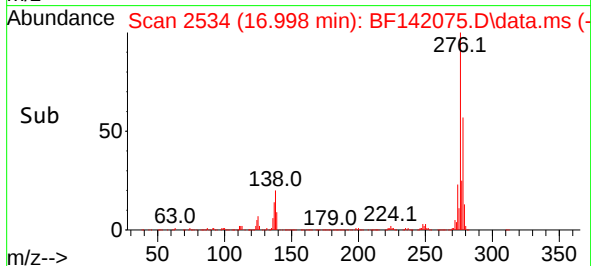
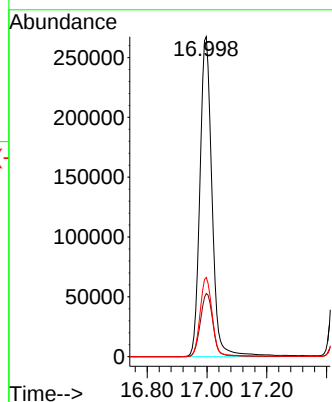
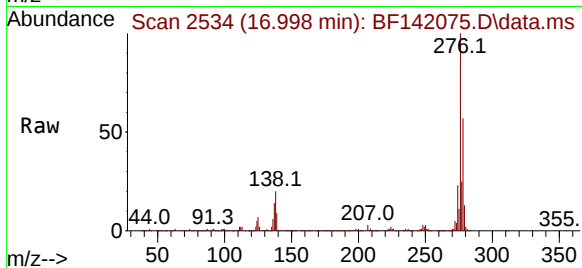
Tgt Ion:276 Resp: 750268

Ion Ratio Lower Upper

276 100

138 20.9 18.4 27.6

277 24.9 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 46.580 ng

RT: 15.074 min Scan# 2207

Delta R.T. -0.006 min

Lab File: BF142075.D

Acq: 25 Mar 2025 13:37

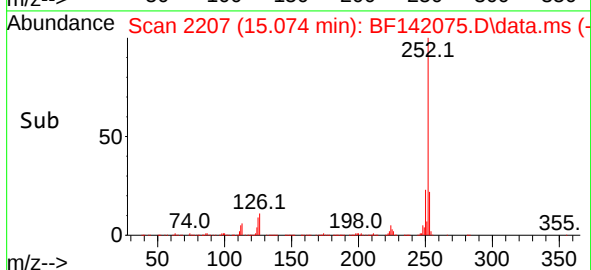
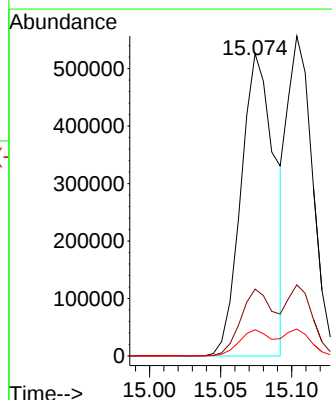
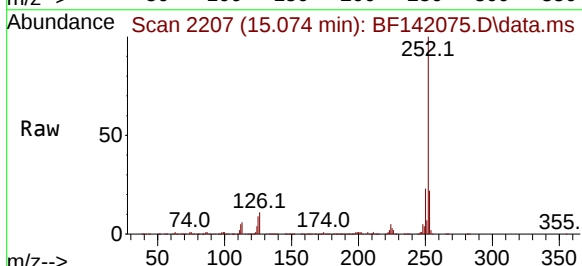
Tgt Ion:252 Resp: 871724

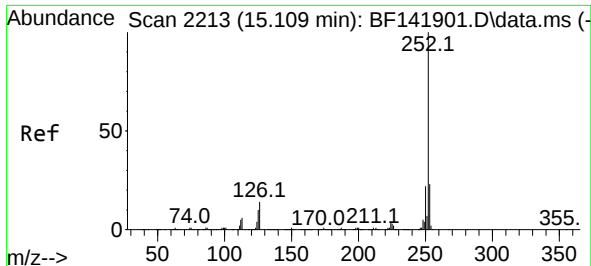
Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

125 8.7 7.0 10.4

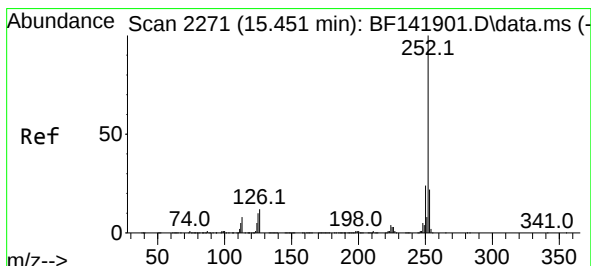
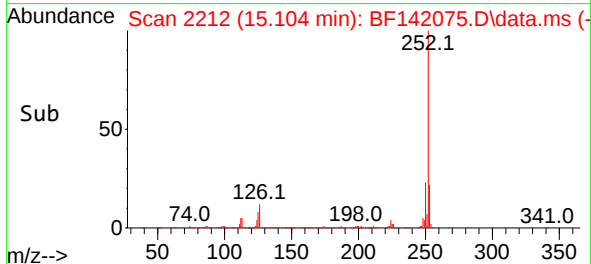
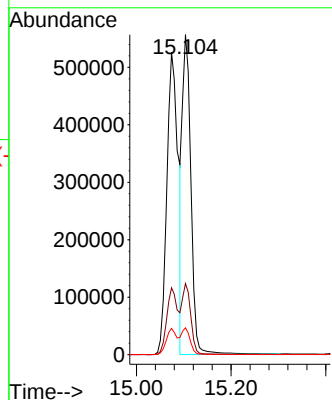
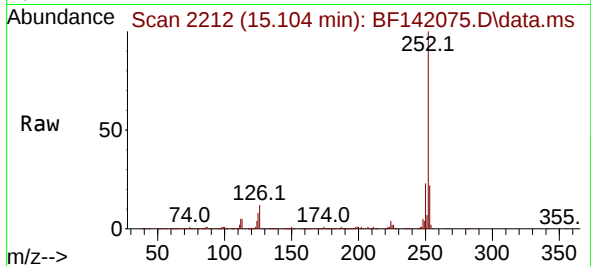




#89
Benzo(k)fluoranthene
Concen: 44.164 ng
RT: 15.104 min Scan# 211
Delta R.T. -0.006 min
Lab File: BF142075.D
Acq: 25 Mar 2025 13:37

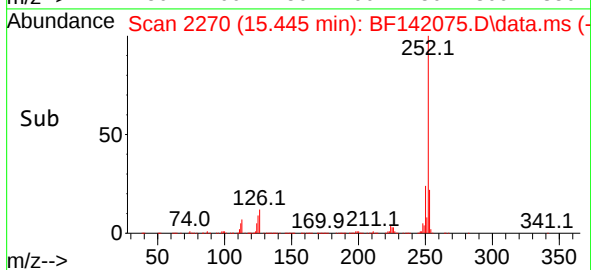
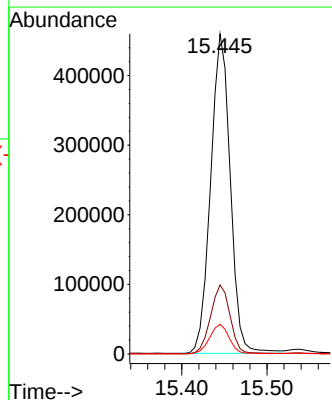
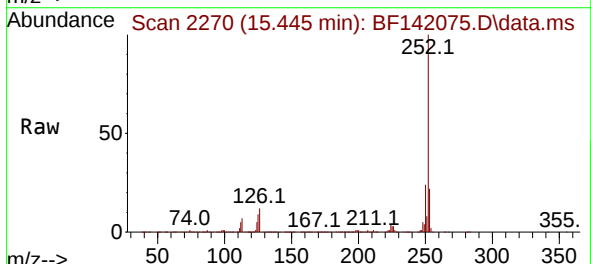
Instrument :
BNA_F
ClientSampleId :
PB167230BS

Tgt Ion:252 Resp: 707297
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 8.4 7.2 10.8



#90
Benzo(a)pyrene
Concen: 50.166 ng
RT: 15.445 min Scan# 2270
Delta R.T. -0.006 min
Lab File: BF142075.D
Acq: 25 Mar 2025 13:37

Tgt Ion:252 Resp: 734595
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.0
125 9.3 7.8 11.8

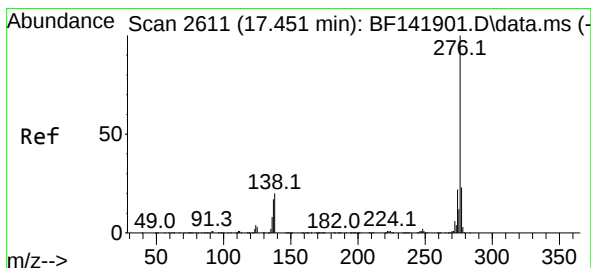
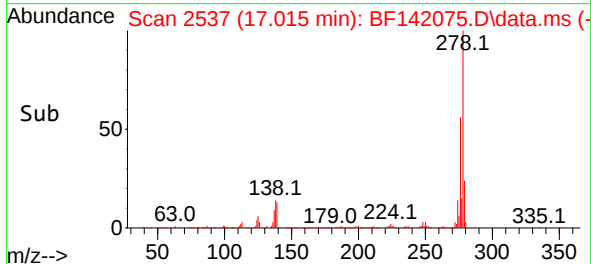
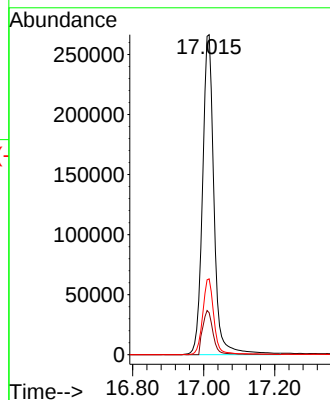
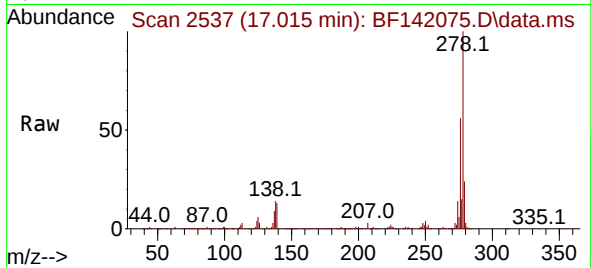




#91
Dibenzo(a,h)anthracene
Concen: 41.312 ng
RT: 17.015 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142075.D
Acq: 25 Mar 2025 13:37

Instrument :
BNA_F
ClientSampleId :
PB167230BS

Tgt Ion:278 Resp: 602089
Ion Ratio Lower Upper
278 100
139 13.1 11.4 17.2
279 23.7 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 38.252 ng
RT: 17.445 min Scan# 2610
Delta R.T. -0.006 min
Lab File: BF142075.D
Acq: 25 Mar 2025 13:37

Tgt Ion:276 Resp: 550913
Ion Ratio Lower Upper
276 100
277 23.6 18.7 28.1
138 18.0 15.8 23.8

