

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032525\
 Data File : BF142068.D
 Acq On : 25 Mar 2025 10:09
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 25 11:20:23 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	160336	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	599217	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	347065	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	578583	20.000	ng	0.00
76) Chrysene-d12	14.033	240	306767	20.000	ng	0.00
86) Perylene-d12	15.510	264	312865	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	714407	74.364	ng	0.00
7) Phenol-d6	6.504	99	904122	73.916	ng	0.00
23) Nitrobenzene-d5	7.440	82	848620	79.699	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	364394	82.761	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1736828	76.106	ng	0.00
79) Terphenyl-d14	12.980	244	1807796	87.126	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.628	88	147438	36.628	ng	97
3) Pyridine	3.399	79	354446	35.897	ng	97
4) n-Nitrosodimethylamine	3.346	42	158704	33.718	ng	95
6) Aniline	6.540	93	427152	35.400	ng	100
8) 2-Chlorophenol	6.663	128	403852	37.903	ng	98
9) Benzaldehyde	6.428	77	255343	37.326	ng	98
10) Phenol	6.516	94	471021	36.604	ng	99
11) bis(2-Chloroethyl)ether	6.610	93	344092	35.611	ng	98
12) 1,3-Dichlorobenzene	6.816	146	438893	38.155	ng	99
13) 1,4-Dichlorobenzene	6.893	146	447039	38.410	ng	99
14) 1,2-Dichlorobenzene	7.045	146	415389	37.892	ng	99
15) Benzyl Alcohol	7.016	79	360226	36.428	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.151	45	390448	33.471	ng	97
17) 2-Methylphenol	7.122	107	310274	36.625	ng	99
18) Hexachloroethane	7.387	117	164258	37.636	ng	95
19) n-Nitroso-di-n-propyla...	7.287	70	265879	33.829	ng	99
20) 3+4-Methylphenols	7.275	107	391386	36.069	ng	93
22) Acetophenone	7.287	105	548318	38.211	ng	99
24) Nitrobenzene	7.457	77	407547	38.501	ng	98
25) Isophorone	7.692	82	673127	35.763	ng	100
26) 2-Nitrophenol	7.775	139	219178	42.188	ng	97
27) 2,4-Dimethylphenol	7.804	122	264961	37.039	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	427999	36.255	ng	99
29) 2,4-Dichlorophenol	8.010	162	350557	39.480	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	384423	39.286	ng	99
31) Naphthalene	8.181	128	1185441	38.512	ng	99
32) Benzoic acid	7.916	122	255444	40.622	ng	97
33) 4-Chloroaniline	8.228	127	422217	38.856	ng	97
34) Hexachlorobutadiene	8.292	225	257520	40.354	ng	99
35) Caprolactam	8.598	113	103032	38.060	ng	90
36) 4-Chloro-3-methylphenol	8.704	107	374971	37.857	ng	98
37) 2-Methylnaphthalene	8.869	142	773404	37.591	ng	99
38) 1-Methylnaphthalene	8.969	142	753814	37.968	ng	100
40) 1,2,4,5-Tetrachloroben...	9.034	216	405610	38.386	ng	98
41) Hexachlorocyclopentadiene	9.022	237	140476	33.969	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	261481	37.864	ng	99

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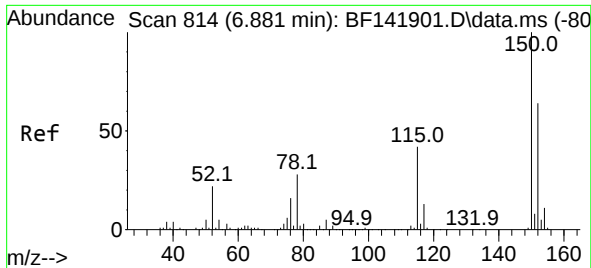
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	286893	41.019	ng	98
46) 1,1'-Biphenyl	9.334	154	991976	37.617	ng	99
47) 2-Chloronaphthalene	9.357	162	744305	37.868	ng	99
48) 2-Nitroaniline	9.451	65	215813	37.922	ng	96
49) Acenaphthylene	9.775	152	1125155	38.575	ng	100
50) Dimethylphthalate	9.633	163	937767	38.585	ng	100
51) 2,6-Dinitrotoluene	9.692	165	204090	40.331	ng	95
52) Acenaphthene	9.945	154	803778	39.213	ng	100
53) 3-Nitroaniline	9.863	138	194286	37.850	ng	97
54) 2,4-Dinitrophenol	9.969	184	112832	42.593	ng #	48
55) Dibenzofuran	10.116	168	1109401	37.878	ng	99
56) 4-Nitrophenol	10.016	139	150918	38.987	ng	95
57) 2,4-Dinitrotoluene	10.098	165	267886	40.532	ng	97
58) Fluorene	10.463	166	869463	38.495	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	257133	40.401	ng	97
60) Diethylphthalate	10.328	149	929683	38.362	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	456441	38.762	ng	97
62) 4-Nitroaniline	10.475	138	187806	37.581	ng	96
63) Azobenzene	10.610	77	830289	36.851	ng	97
65) 4,6-Dinitro-2-methylph...	10.504	198	163306	47.346	ng	98
66) n-Nitrosodiphenylamine	10.569	169	739498	39.496	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	284042	39.090	ng	98
68) Hexachlorobenzene	11.010	284	323290	40.566	ng	94
69) Atrazine	11.092	200	233966	40.762	ng	99
70) Pentachlorophenol	11.198	266	201095	40.954	ng	99
71) Phenanthrene	11.422	178	1188534	38.032	ng	99
72) Anthracene	11.475	178	1195431	38.128	ng	100
73) Carbazole	11.628	167	983300	36.366	ng	100
74) Di-n-butylphthalate	11.957	149	1362507	37.976	ng	99
75) Fluoranthene	12.610	202	1183190	35.692	ng	99
77) Benzidine	12.733	184	130623	30.520	ng	100
78) Pyrene	12.839	202	1152300	43.425	ng	99
80) Butylbenzylphthalate	13.451	149	419411	40.382	ng	99
81) Benzo(a)anthracene	14.027	228	783015	38.898	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	230748	39.666	ng	98
83) Chrysene	14.063	228	693294	37.994	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	543249	37.936	ng	99
85) Di-n-octyl phthalate	14.621	149	771392	38.714	ng	98
87) Indeno(1,2,3-cd)pyrene	16.998	276	681983	33.697	ng	97
88) Benzo(b)fluoranthene	15.074	252	790046	36.845	ng	99
89) Benzo(k)fluoranthene	15.104	252	621193	33.853	ng	99
90) Benzo(a)pyrene	15.445	252	624421	37.217	ng	99
91) Dibenzo(a,h)anthracene	17.015	278	537010	32.159	ng	98
92) Benzo(g,h,i)perylene	17.445	276	536380	32.505	ng	98

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

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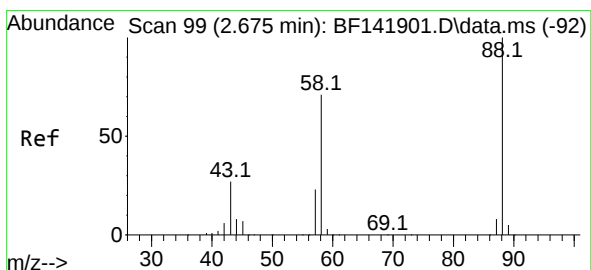
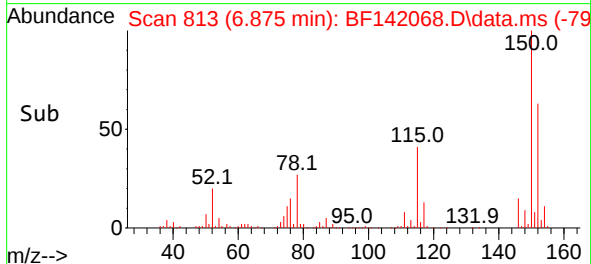
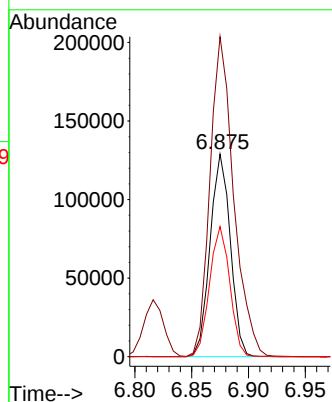
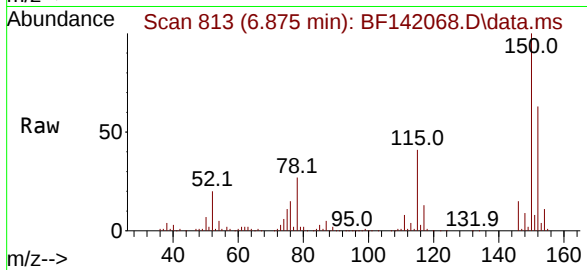




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF142068.D
 Acq: 25 Mar 2025 10:09

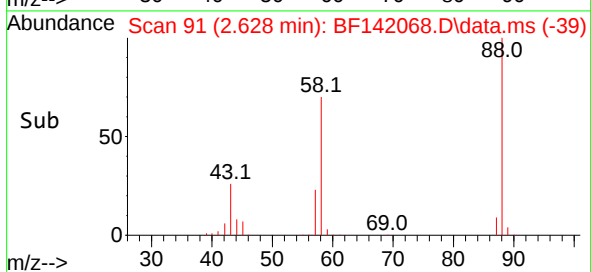
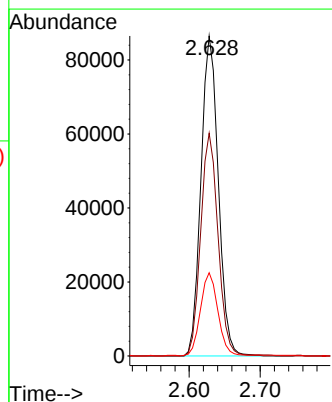
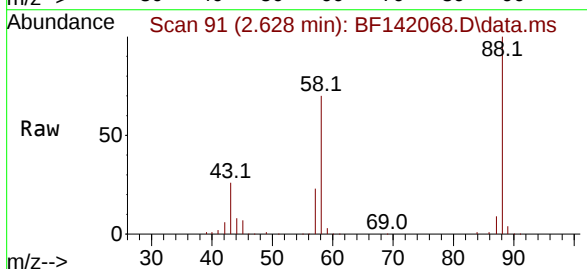
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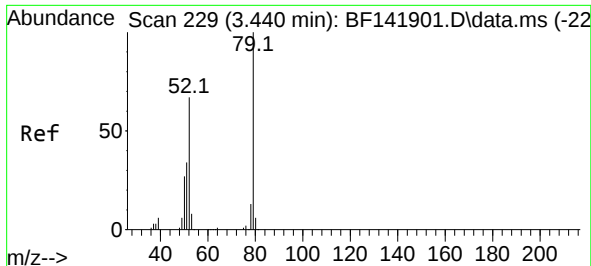
Tgt Ion:152 Resp: 160336
 Ion Ratio Lower Upper
 152 100
 150 157.9 127.4 191.2
 115 64.2 51.9 77.9



#2
 1,4-Dioxane
 Concen: 36.628 ng
 RT: 2.628 min Scan# 91
 Delta R.T. -0.047 min
 Lab File: BF142068.D
 Acq: 25 Mar 2025 10:09

Tgt Ion: 88 Resp: 147438
 Ion Ratio Lower Upper
 88 100
 58 69.3 57.4 86.2
 43 26.2 21.5 32.3

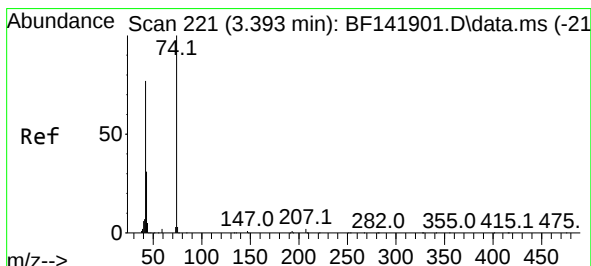
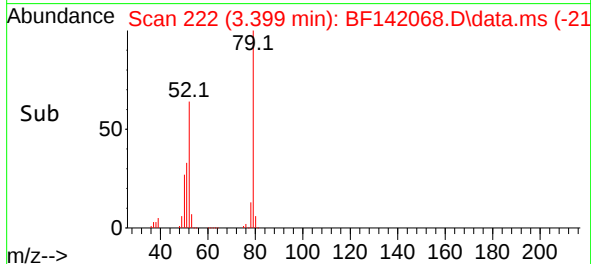
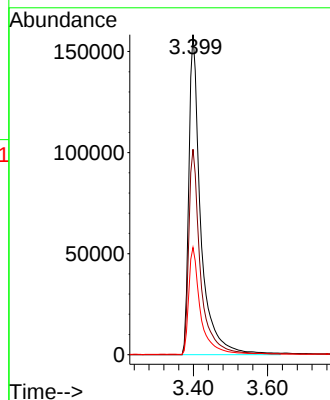
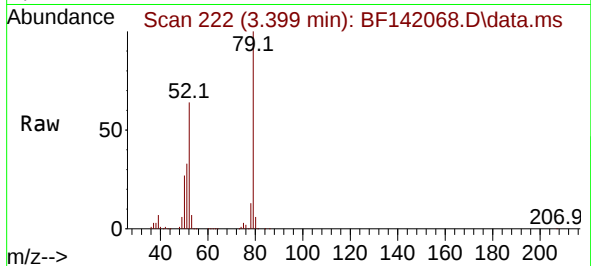




#3
Pyridine
Concen: 35.897 ng
RT: 3.399 min Scan# 213
Delta R.T. -0.041 min
Lab File: BF142068.D
Acq: 25 Mar 2025 10:09

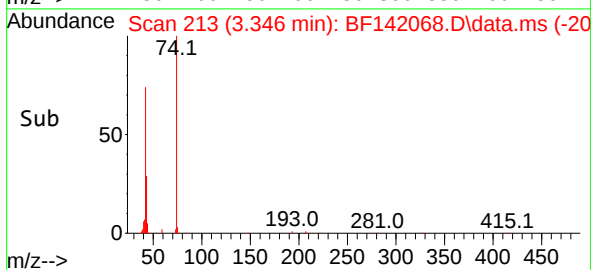
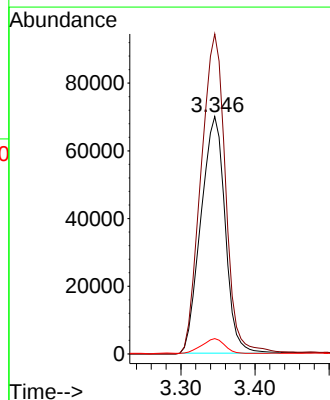
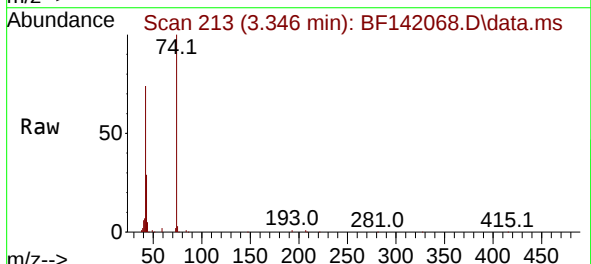
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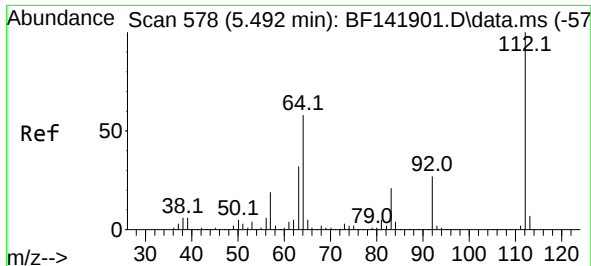
Tgt Ion: 79 Resp: 354446
Ion Ratio Lower Upper
79 100
52 64.2 53.3 79.9
51 33.5 27.6 41.4



#4
n-Nitrosodimethylamine
Concen: 33.718 ng
RT: 3.346 min Scan# 213
Delta R.T. -0.047 min
Lab File: BF142068.D
Acq: 25 Mar 2025 10:09

Tgt Ion: 42 Resp: 158704
Ion Ratio Lower Upper
42 100
74 134.7 103.4 155.0
44 6.5 5.0 7.4

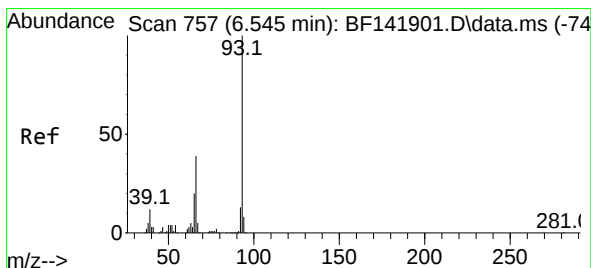
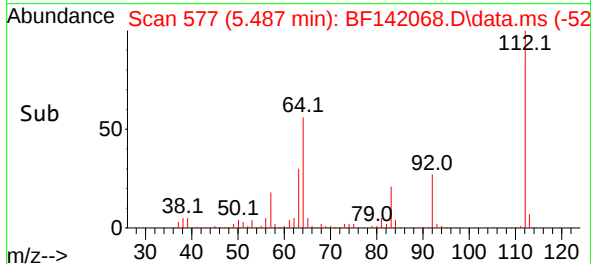
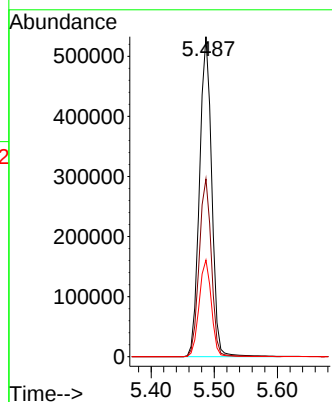
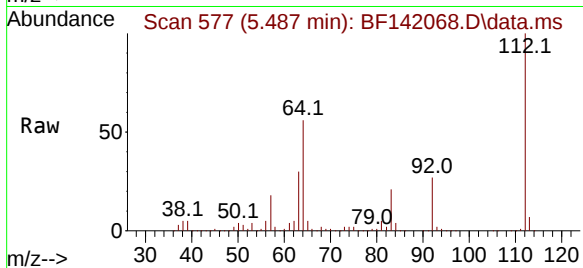




#5
2-Fluorophenol
Concen: 74.364 ng
RT: 5.487 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF142068.D
Acq: 25 Mar 2025 10:09

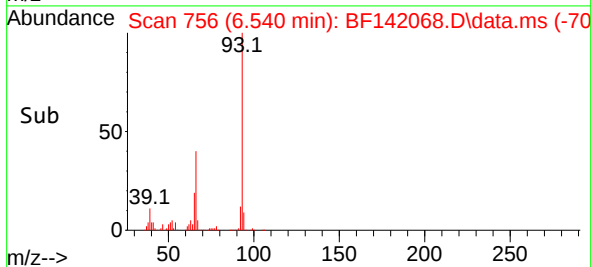
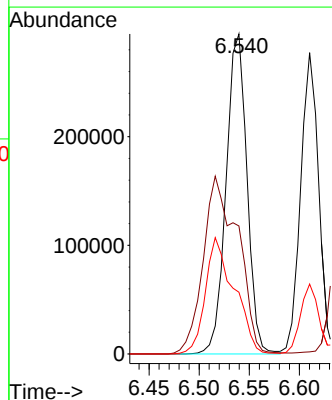
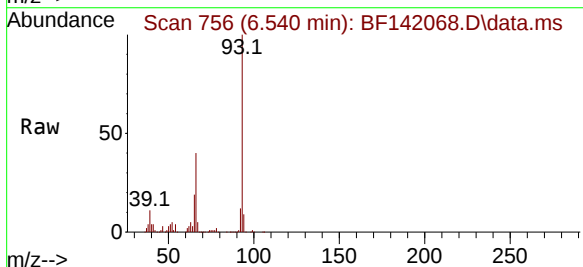
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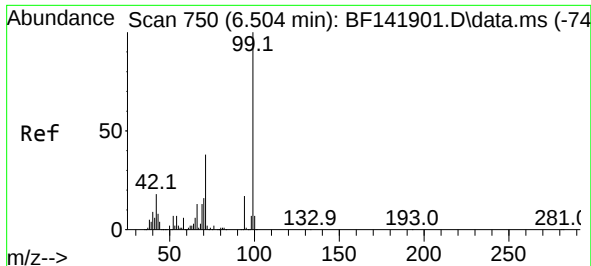
Tgt Ion:112 Resp: 714407
Ion Ratio Lower Upper
112 100
64 55.6 46.5 69.7
63 30.2 25.4 38.2



#6
Aniline
Concen: 35.400 ng
RT: 6.540 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF142068.D
Acq: 25 Mar 2025 10:09

Tgt Ion: 93 Resp: 427152
Ion Ratio Lower Upper
93 100
66 40.0 31.9 47.9
65 19.3 15.8 23.6

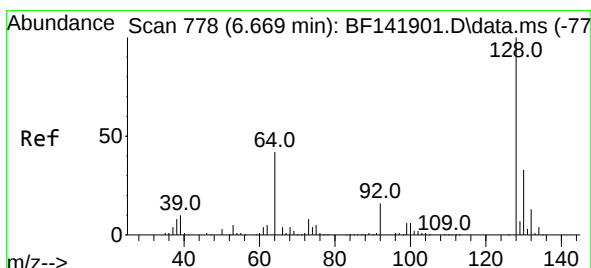
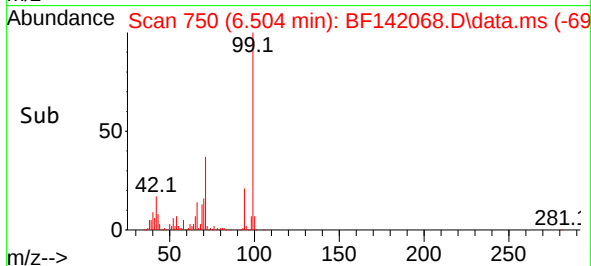
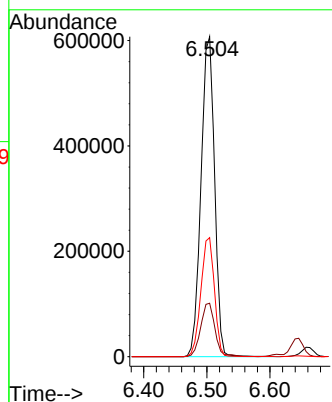
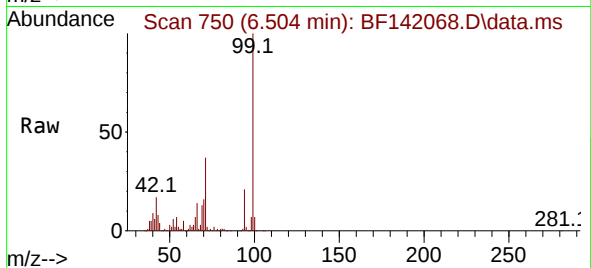




#7
Phenol-d6
Concen: 73.916 ng
RT: 6.504 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF142068.D
Acq: 25 Mar 2025 10:09

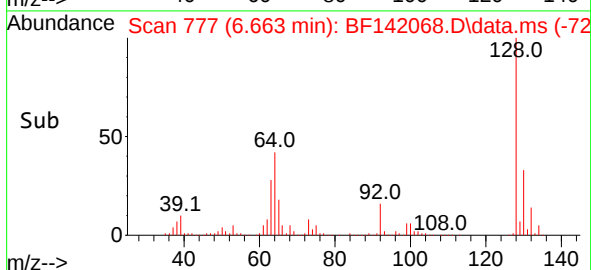
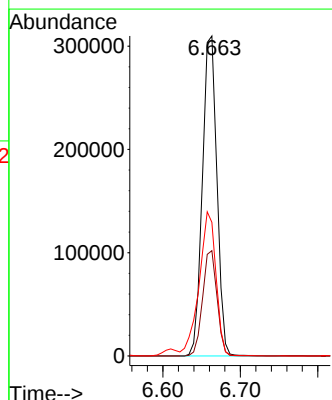
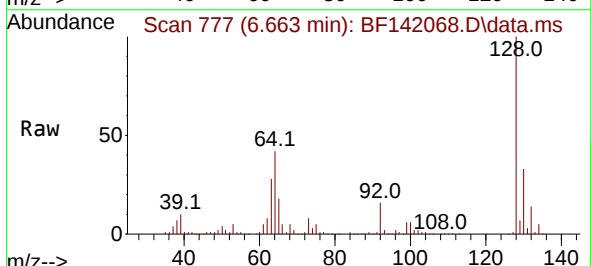
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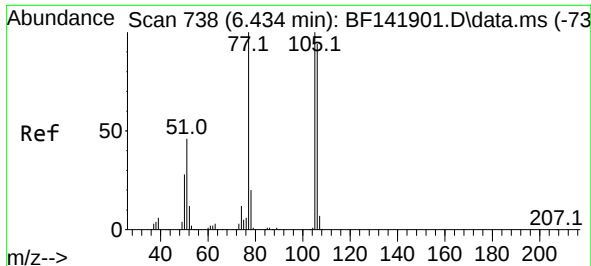
Tgt Ion: 99 Resp: 904122
Ion Ratio Lower Upper
99 100
42 16.7 14.6 21.8
71 37.2 30.8 46.2



#8
2-Chlorophenol
Concen: 37.903 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.006 min
Lab File: BF142068.D
Acq: 25 Mar 2025 10:09

Tgt Ion:128 Resp: 403852
Ion Ratio Lower Upper
128 100
130 32.9 12.8 52.8
64 41.7 24.4 64.4

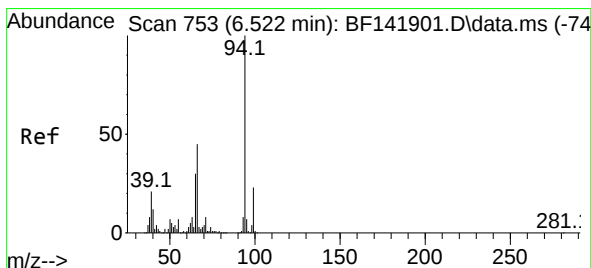
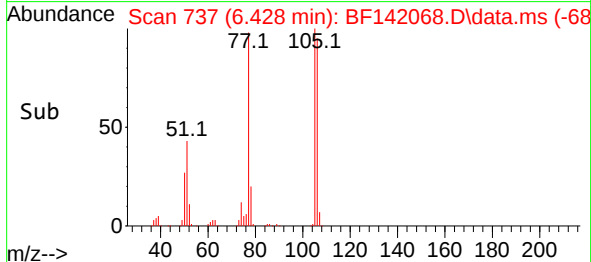
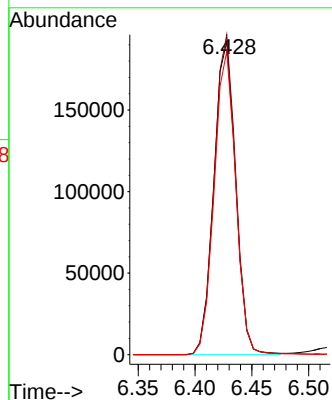
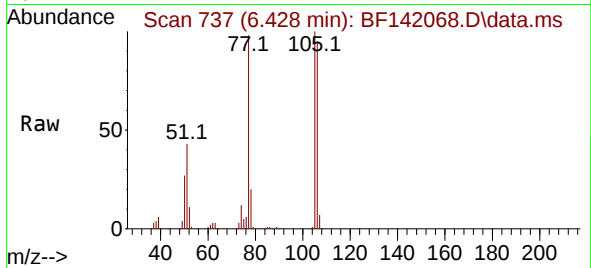




#9
Benzaldehyde
Concen: 37.326 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142068.D
Acq: 25 Mar 2025 10:09

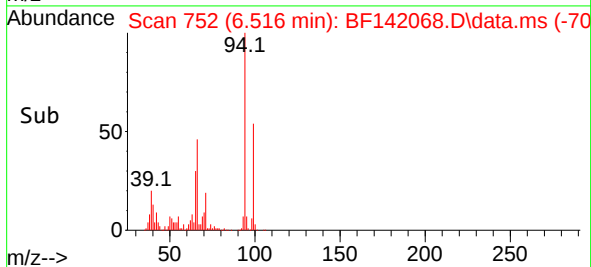
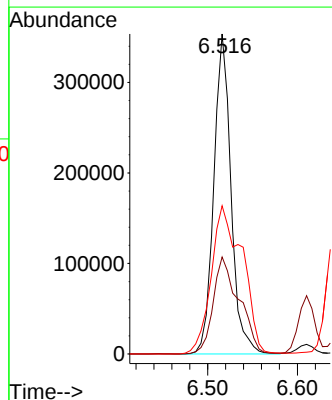
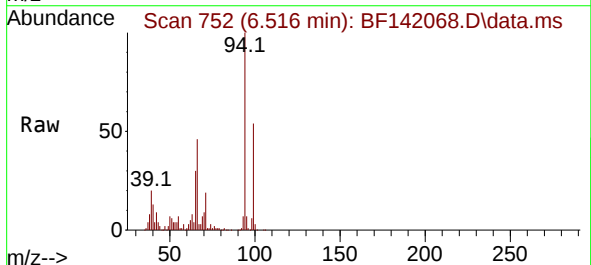
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ClientSampleId :
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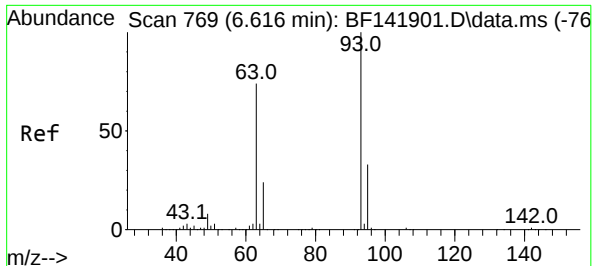
Tgt Ion: 77 Resp: 255343
Ion Ratio Lower Upper
77 100
105 102.2 80.0 120.0
106 96.9 74.5 114.5



#10
Phenol
Concen: 36.604 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF142068.D
Acq: 25 Mar 2025 10:09

Tgt Ion: 94 Resp: 471021
Ion Ratio Lower Upper
94 100
65 30.3 10.5 50.5
66 46.3 25.8 65.8

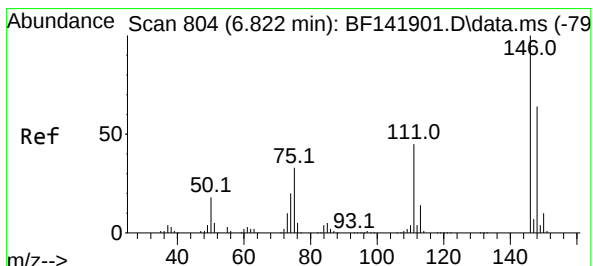
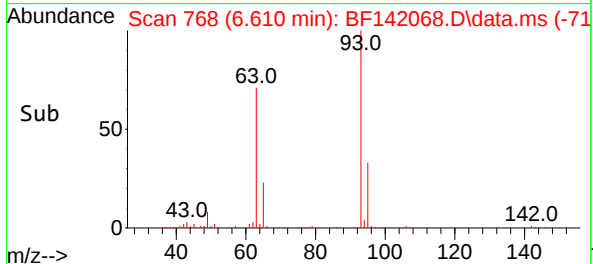
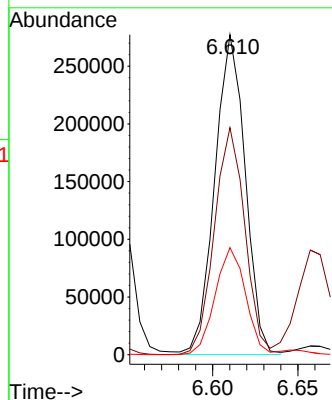
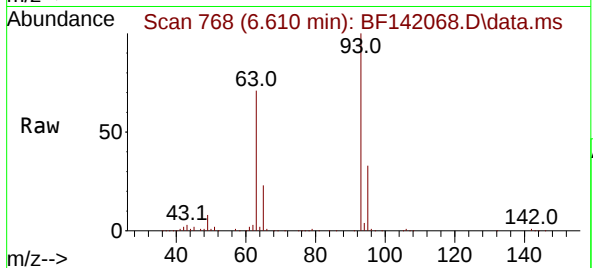




#11
bis(2-Chloroethyl)ether
Concen: 35.611 ng
RT: 6.610 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF142068.D
Acq: 25 Mar 2025 10:09

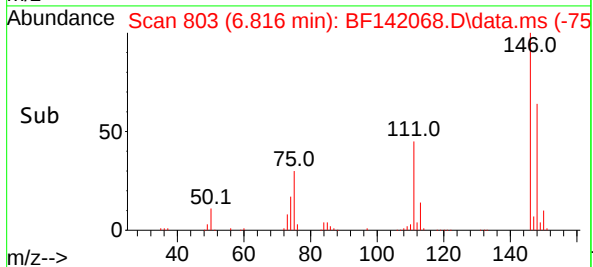
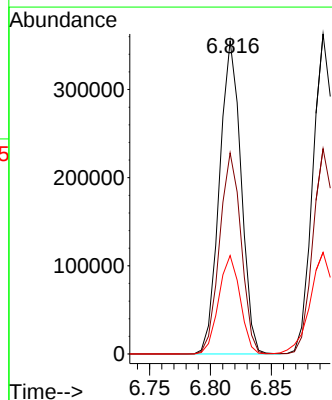
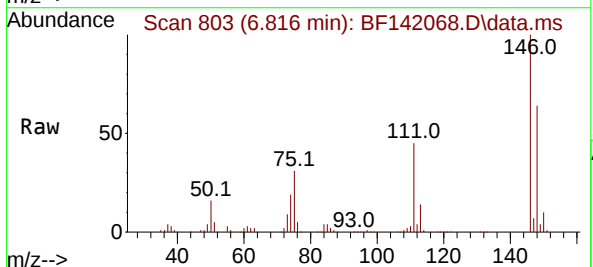
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

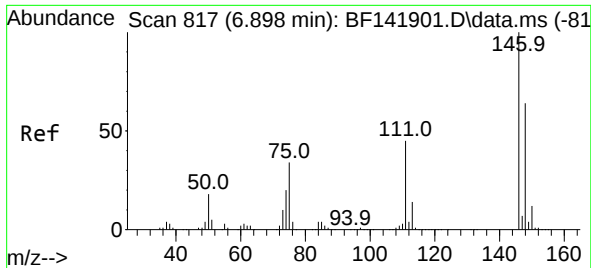
Tgt Ion: 93 Resp: 344092
Ion Ratio Lower Upper
93 100
63 70.9 53.0 93.0
95 33.5 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 38.155 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF142068.D
Acq: 25 Mar 2025 10:09

Tgt Ion: 146 Resp: 438893
Ion Ratio Lower Upper
146 100
148 64.3 51.3 76.9
75 31.4 26.6 40.0

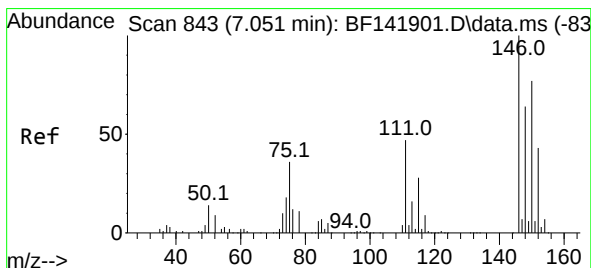
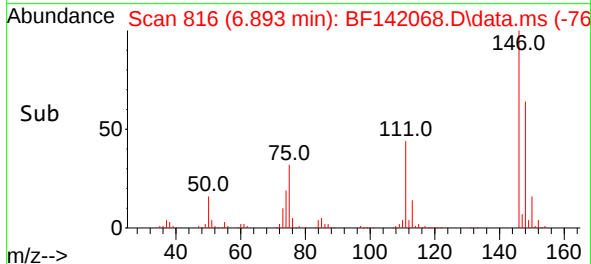
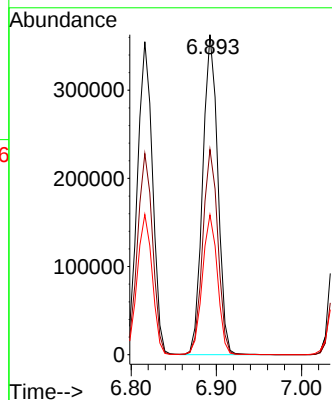
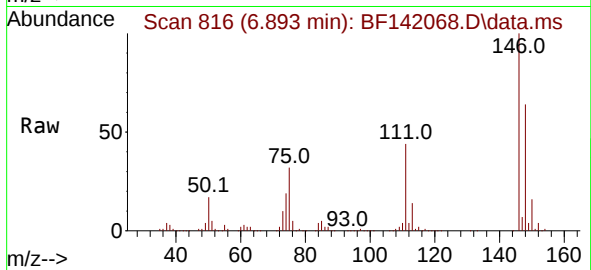




#13
1,4-Dichlorobenzene
Concen: 38.410 ng
RT: 6.893 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142068.D
Acq: 25 Mar 2025 10:09

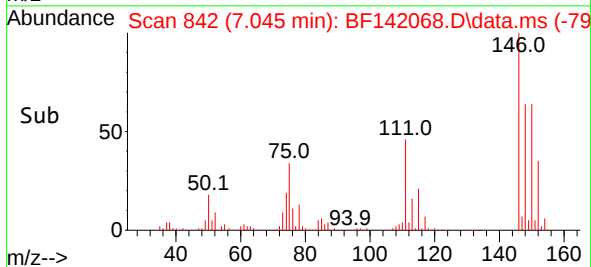
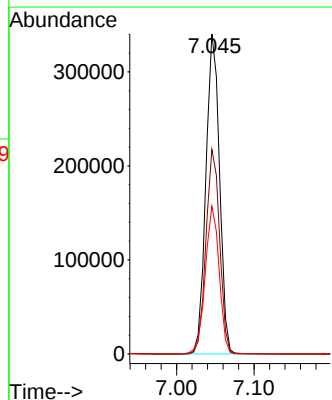
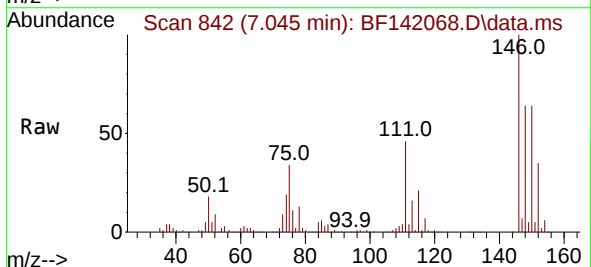
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

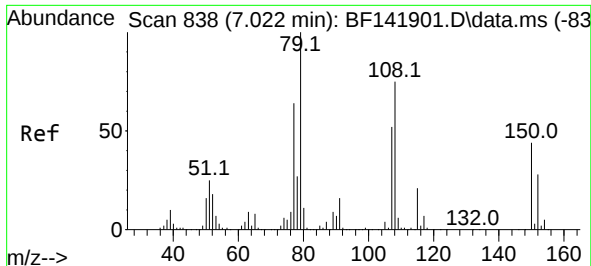
Tgt Ion:146 Resp: 447039
Ion Ratio Lower Upper
146 100
148 64.2 51.0 76.6
111 43.7 35.7 53.5



#14
1,2-Dichlorobenzene
Concen: 37.892 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF142068.D
Acq: 25 Mar 2025 10:09

Tgt Ion:146 Resp: 415389
Ion Ratio Lower Upper
146 100
148 63.9 50.8 76.2
111 46.2 38.0 57.0





#15

Benzyl Alcohol

Concen: 36.428 ng

RT: 7.016 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF142068.D

Acq: 25 Mar 2025 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

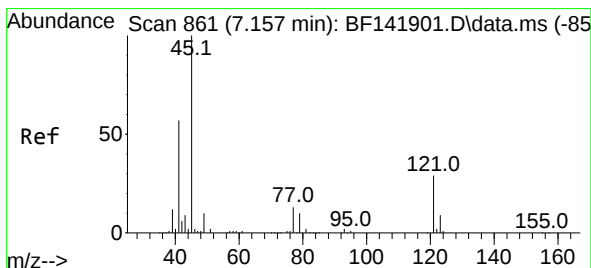
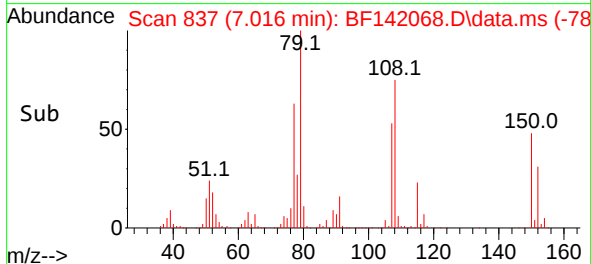
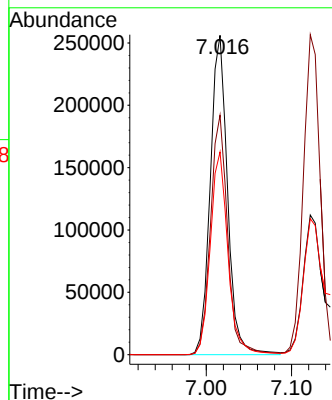
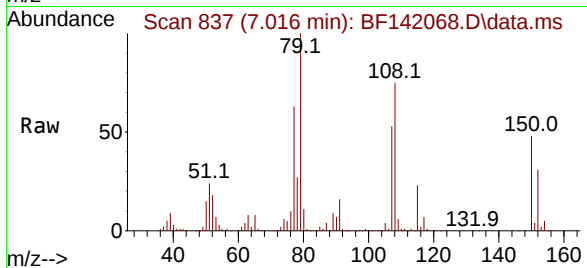
Tgt Ion: 79 Resp: 360226

Ion Ratio Lower Upper

79 100

108 75.0 59.7 89.5

77 63.5 51.0 76.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.471 ng

RT: 7.151 min Scan# 860

Delta R.T. -0.006 min

Lab File: BF142068.D

Acq: 25 Mar 2025 10:09

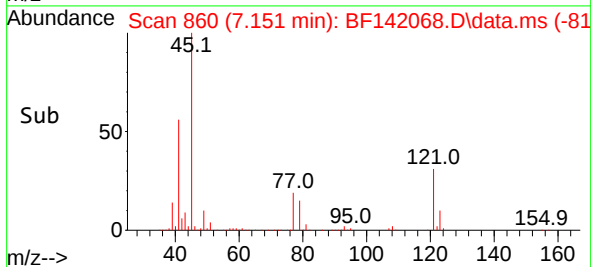
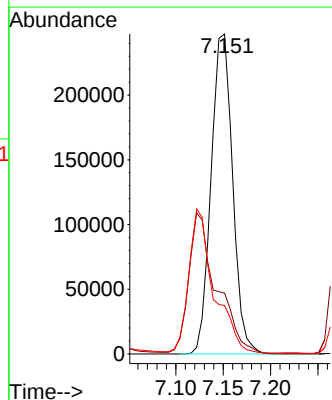
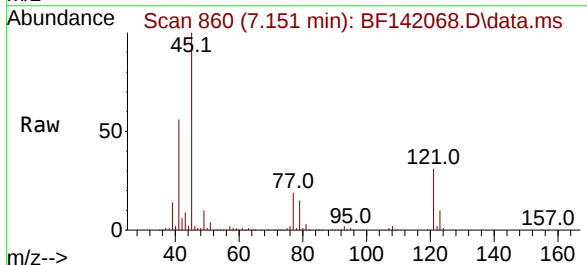
Tgt Ion: 45 Resp: 390448

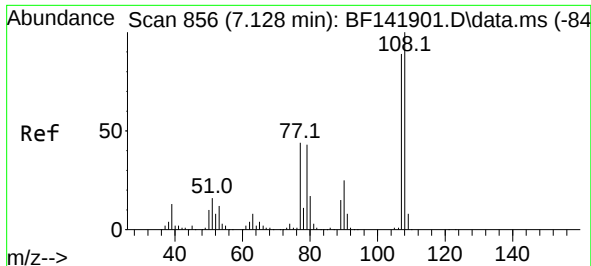
Ion Ratio Lower Upper

45 100

77 19.1 0.0 37.8

79 15.1 0.0 34.2

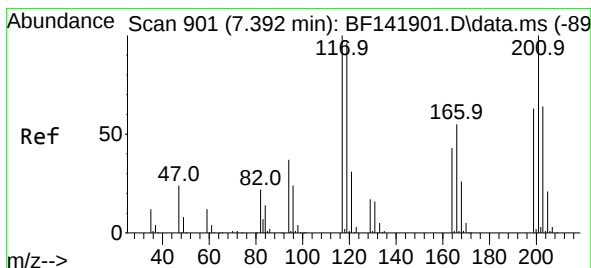
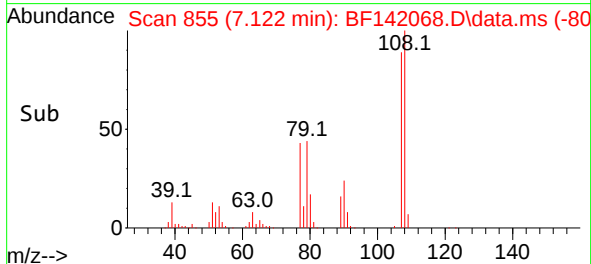
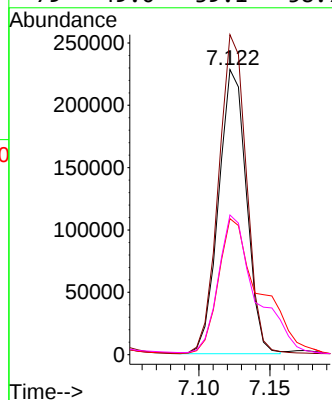
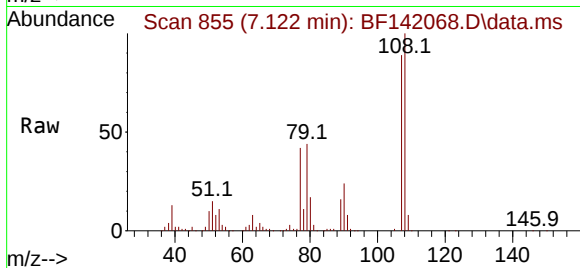




#17
2-Methylphenol
Concen: 36.625 ng
RT: 7.122 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142068.D
Acq: 25 Mar 2025 10:09

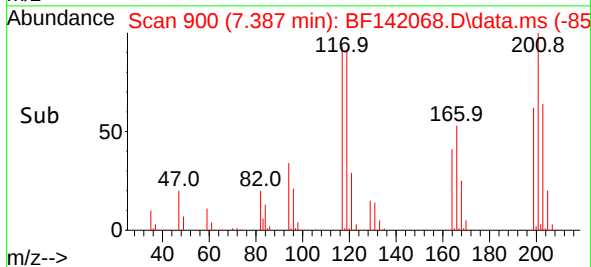
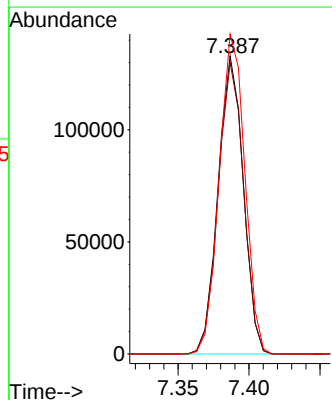
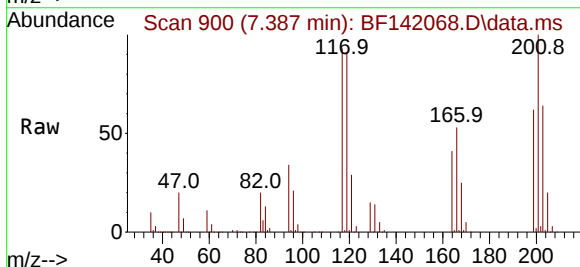
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

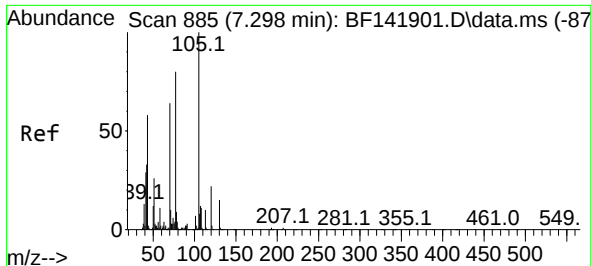
Tgt Ion:	107	Resp:	310274
Ion	Ratio	Lower	Upper
107	100		
108	112.2	90.2	135.2
77	47.7	39.6	59.4
79	49.0	39.1	58.7



#18
Hexachloroethane
Concen: 37.636 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF142068.D
Acq: 25 Mar 2025 10:09

Tgt Ion:	117	Resp:	164258
Ion	Ratio	Lower	Upper
117	100		
119	97.9	76.9	115.3
201	107.4	79.9	119.9

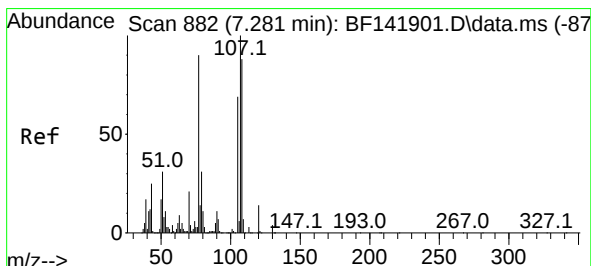
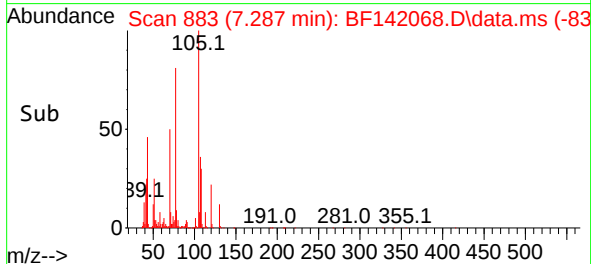
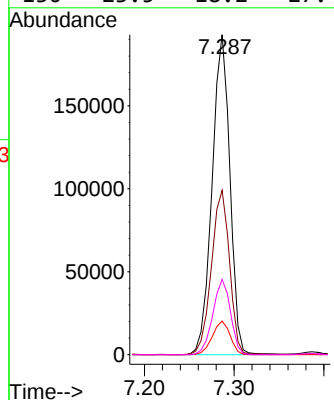
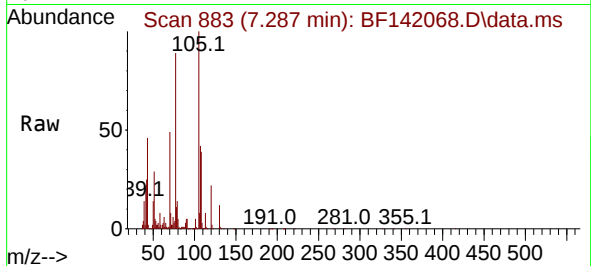




#19
n-Nitroso-di-n-propylamine
Concen: 33.829 ng
RT: 7.287 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF142068.D
Acq: 25 Mar 2025 10:09

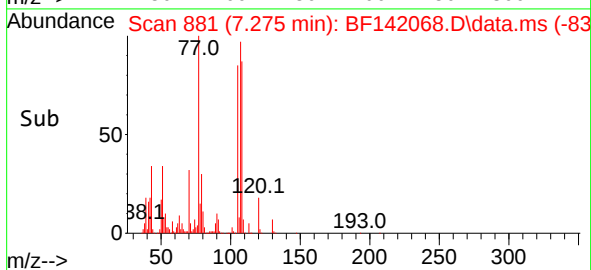
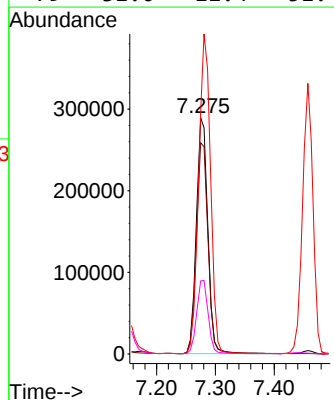
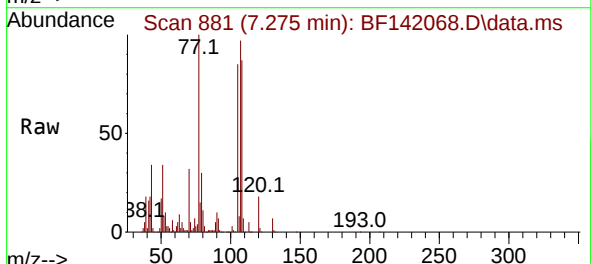
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

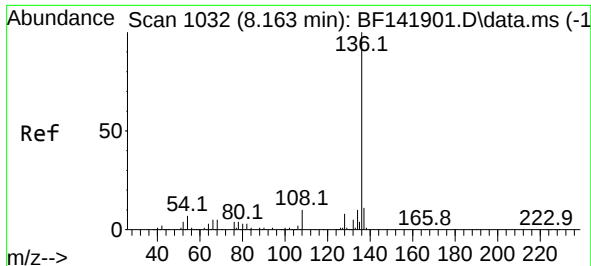
Tgt Ion: 70 Resp: 265879
Ion Ratio Lower Upper
70 100
42 51.3 41.4 62.0
101 10.5 8.2 12.2
130 23.5 18.2 27.4



#20
3+4-Methylphenols
Concen: 36.069 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF142068.D
Acq: 25 Mar 2025 10:09

Tgt Ion: 107 Resp: 391386
Ion Ratio Lower Upper
107 100
108 89.5 68.4 108.4
77 102.7 69.7 109.7
79 31.0 11.4 51.4



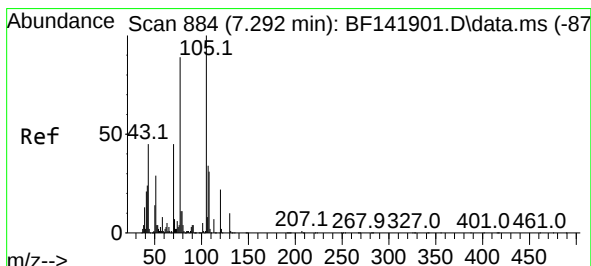
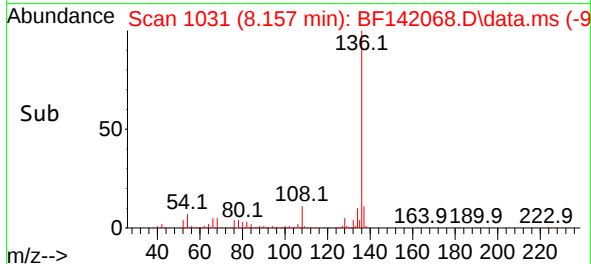
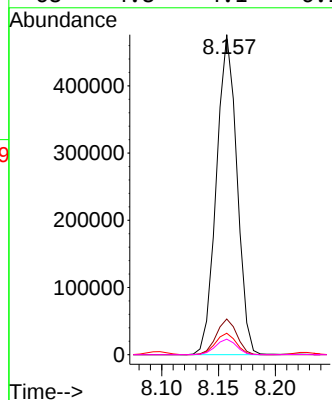
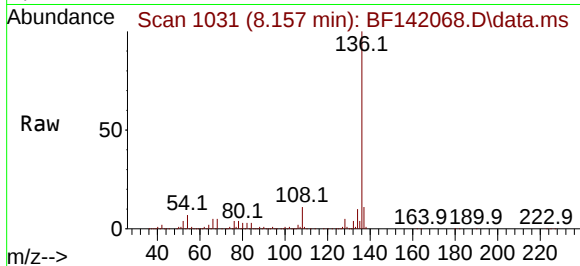


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF142068.D
Acq: 25 Mar 2025 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 599217

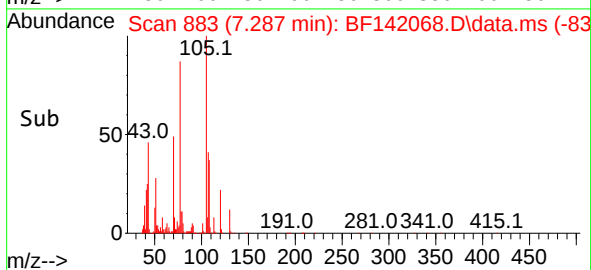
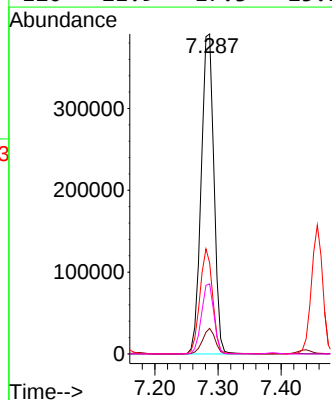
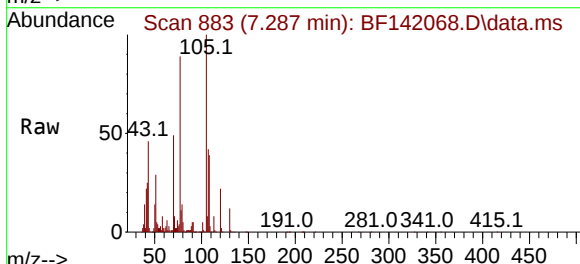
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	6.7	5.8	8.8
68	4.8	4.1	6.1

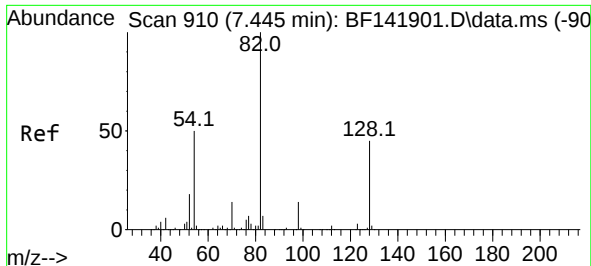


#22
Acetophenone
Concen: 38.211 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF142068.D
Acq: 25 Mar 2025 10:09

Tgt Ion:105 Resp: 548318

Ion	Ratio	Lower	Upper
105	100		
71	8.0	5.8	8.8
51	28.5	23.4	35.0
120	21.9	17.3	25.9





#23

Nitrobenzene-d5

Concen: 79.699 ng

RT: 7.440 min Scan# 910

Delta R.T. -0.006 min

Lab File: BF142068.D

Acq: 25 Mar 2025 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

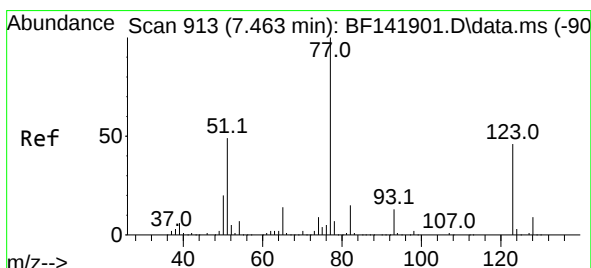
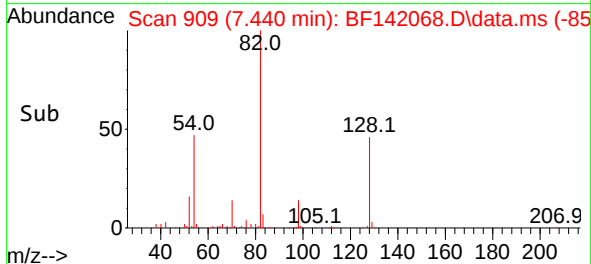
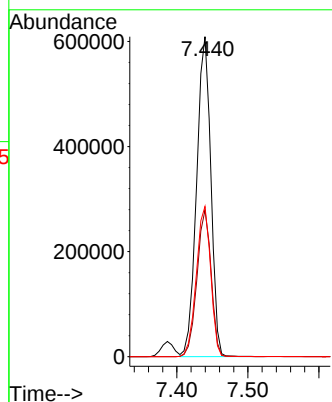
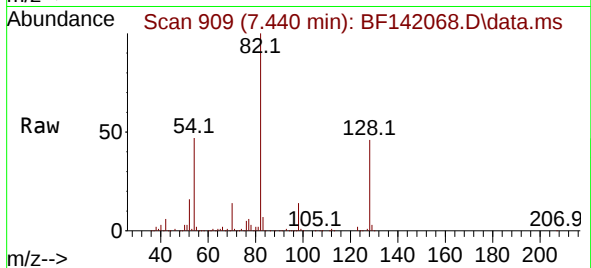
Tgt Ion: 82 Resp: 848620

Ion Ratio Lower Upper

82 100

128 45.8 36.0 54.0

54 46.9 39.6 59.4



#24

Nitrobenzene

Concen: 38.501 ng

RT: 7.457 min Scan# 912

Delta R.T. -0.006 min

Lab File: BF142068.D

Acq: 25 Mar 2025 10:09

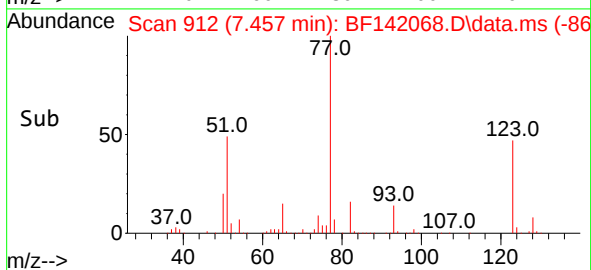
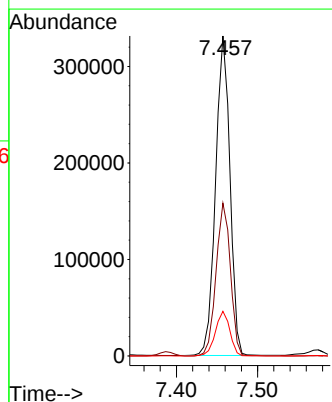
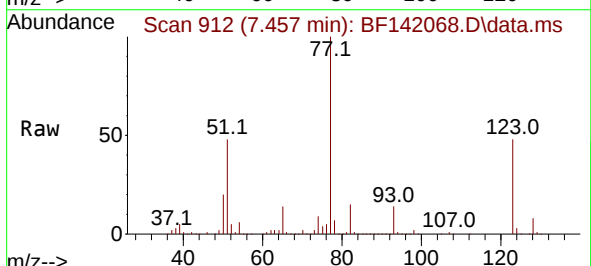
Tgt Ion: 77 Resp: 407547

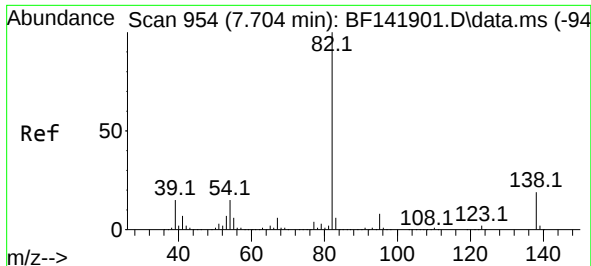
Ion Ratio Lower Upper

77 100

123 47.7 37.0 55.4

65 14.0 11.3 16.9

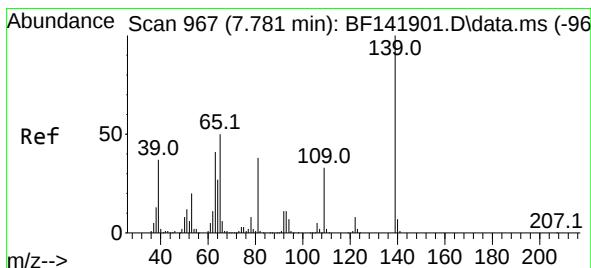
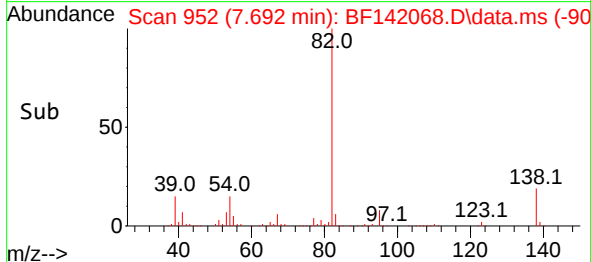
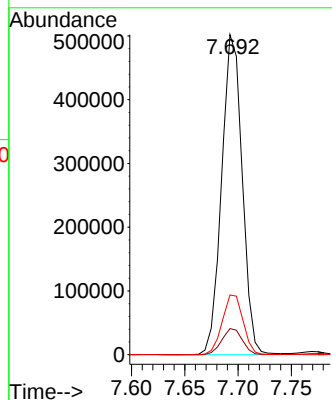
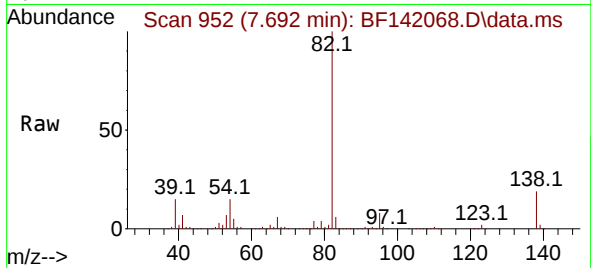




#25
Isophorone
Concen: 35.763 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF142068.D
Acq: 25 Mar 2025 10:09

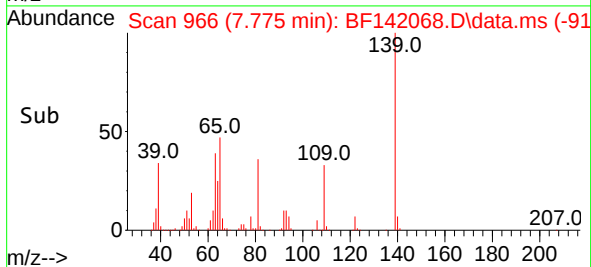
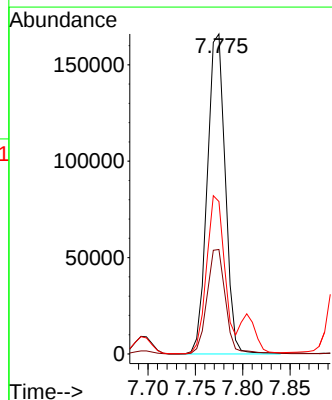
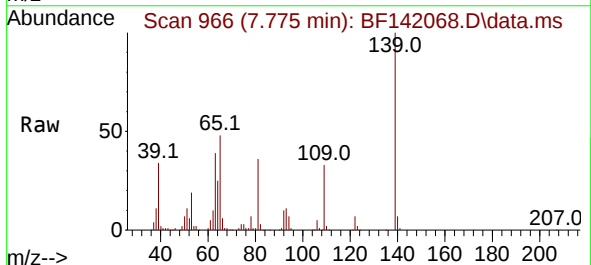
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

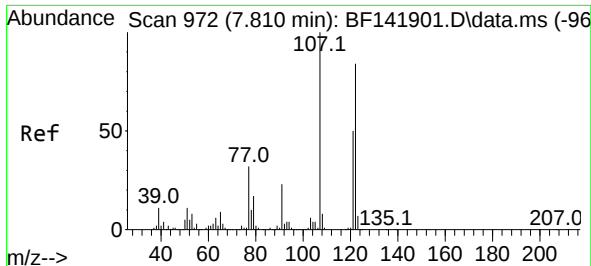
Tgt Ion: 82 Resp: 673127
Ion Ratio Lower Upper
82 100
95 8.2 6.4 9.6
138 18.7 14.9 22.3



#26
2-Nitrophenol
Concen: 42.188 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.006 min
Lab File: BF142068.D
Acq: 25 Mar 2025 10:09

Tgt Ion:139 Resp: 219178
Ion Ratio Lower Upper
139 100
109 32.6 26.5 39.7
65 47.6 40.3 60.5





#27

2,4-Dimethylphenol

Concen: 37.039 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142068.D

Acq: 25 Mar 2025 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

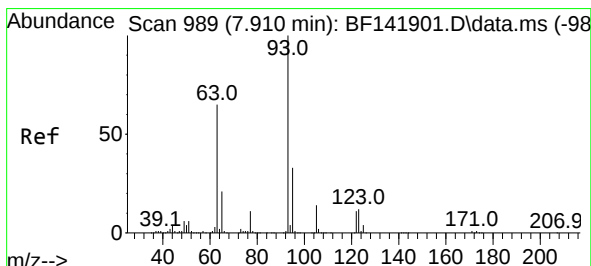
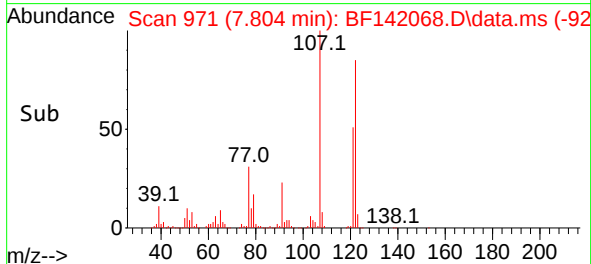
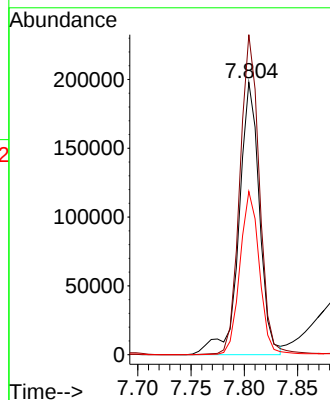
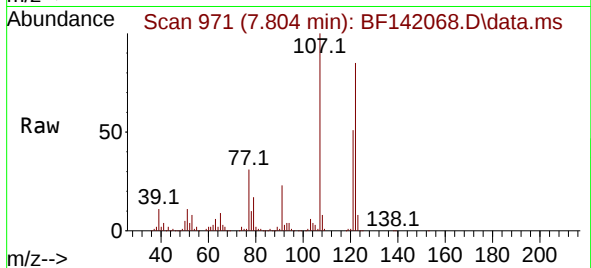
Tgt Ion:122 Resp: 264961

Ion Ratio Lower Upper

122 100

107 117.5 94.8 142.2

121 59.9 47.8 71.6



#28

bis(2-Chloroethoxy)methane

Concen: 36.255 ng

RT: 7.904 min Scan# 988

Delta R.T. -0.006 min

Lab File: BF142068.D

Acq: 25 Mar 2025 10:09

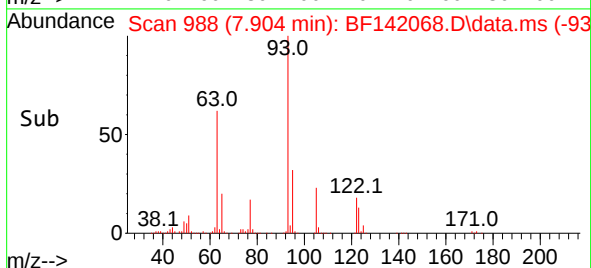
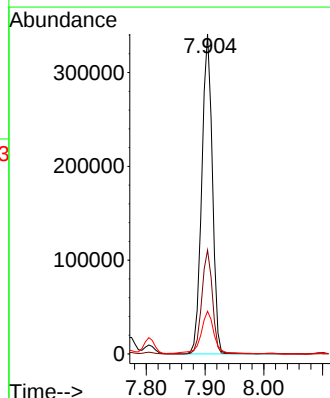
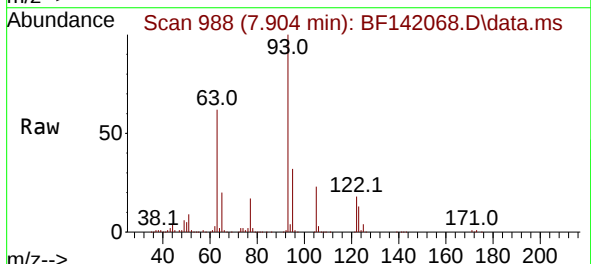
Tgt Ion: 93 Resp: 427999

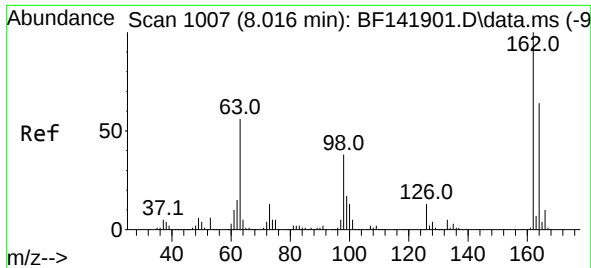
Ion Ratio Lower Upper

93 100

95 32.4 26.6 40.0

123 13.3 10.2 15.4

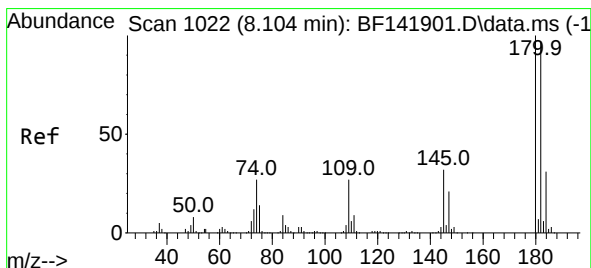
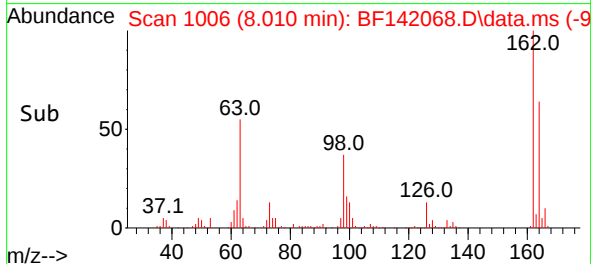
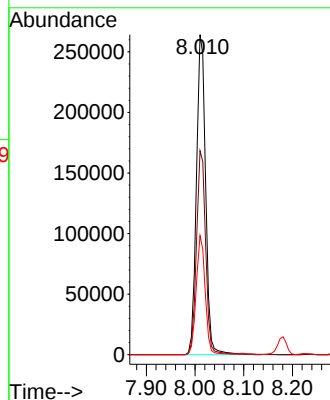
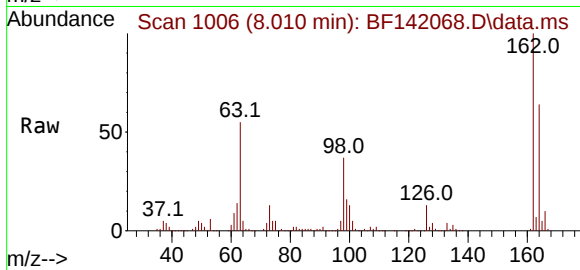




#29
2,4-Dichlorophenol
Concen: 39.480 ng
RT: 8.010 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF142068.D
Acq: 25 Mar 2025 10:09

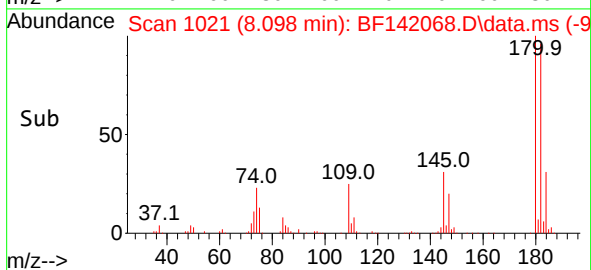
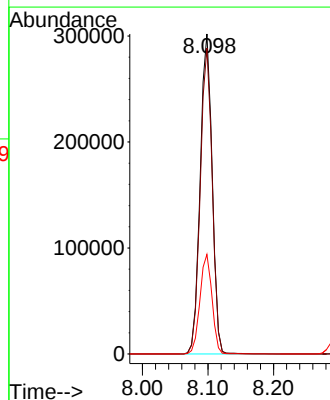
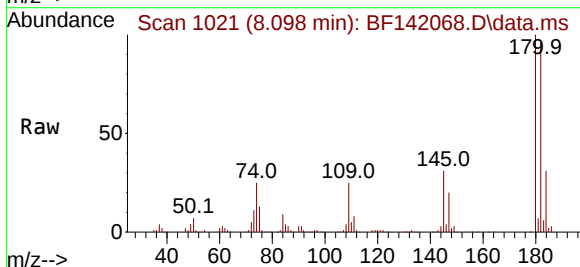
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

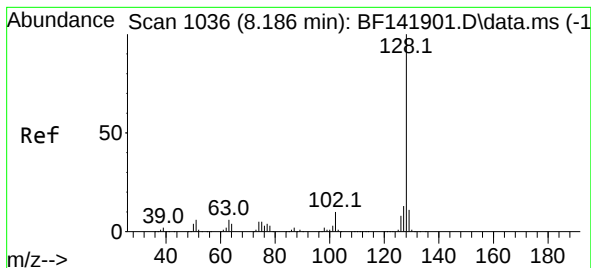
Tgt Ion:162 Resp: 350557
Ion Ratio Lower Upper
162 100
164 63.7 43.8 83.8
98 37.2 18.1 58.1



#30
1,2,4-Trichlorobenzene
Concen: 39.286 ng
RT: 8.098 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF142068.D
Acq: 25 Mar 2025 10:09

Tgt Ion:180 Resp: 384423
Ion Ratio Lower Upper
180 100
182 95.6 77.5 116.3
145 31.1 25.8 38.6





#31

Naphthalene

Concen: 38.512 ng

RT: 8.181 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142068.D

Acq: 25 Mar 2025 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

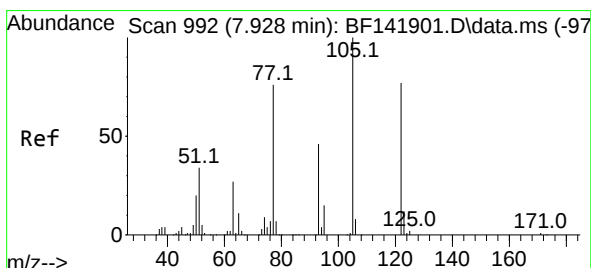
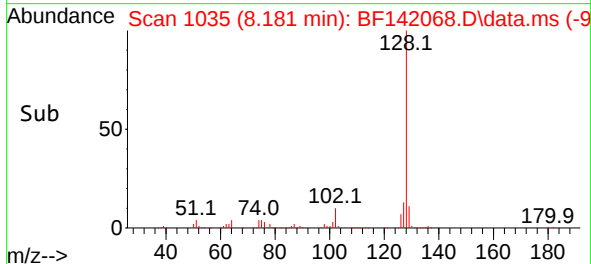
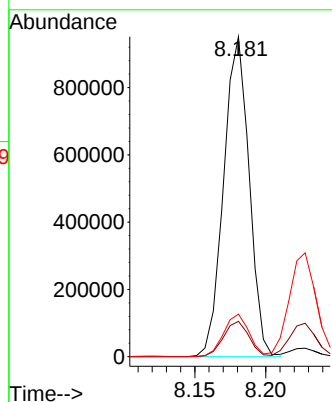
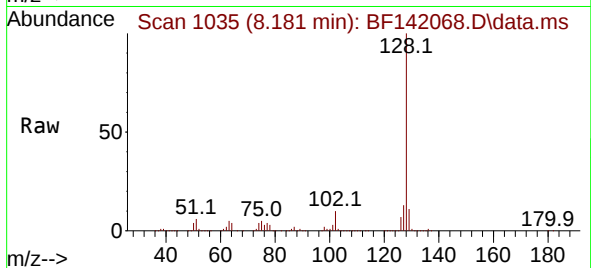
Tgt Ion:128 Resp: 1185441

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

127 13.3 10.8 16.2



#32

Benzoic acid

Concen: 40.622 ng

RT: 7.916 min Scan# 990

Delta R.T. -0.012 min

Lab File: BF142068.D

Acq: 25 Mar 2025 10:09

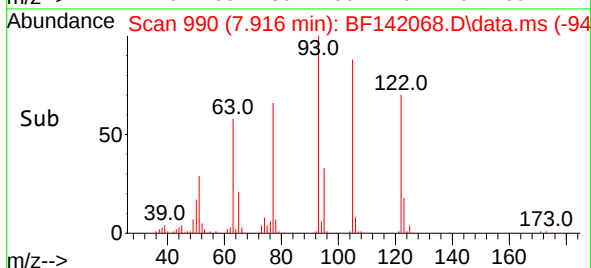
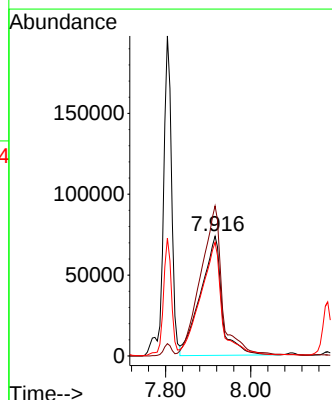
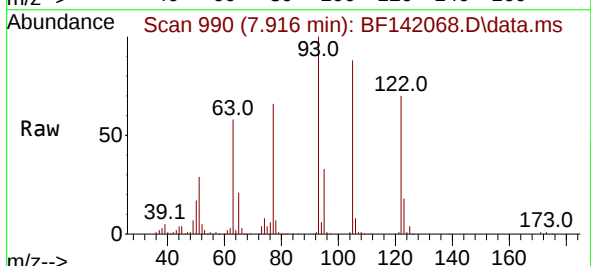
Tgt Ion:122 Resp: 255444

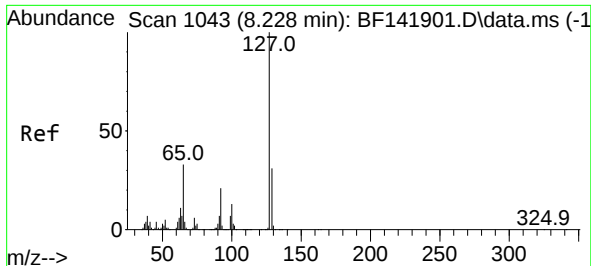
Ion Ratio Lower Upper

122 100

105 125.5 107.9 147.9

77 94.9 79.0 119.0

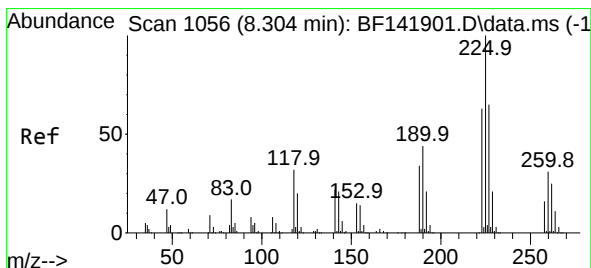
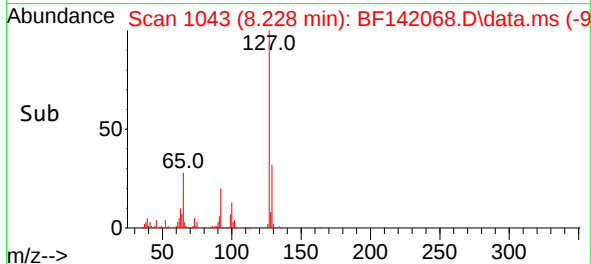
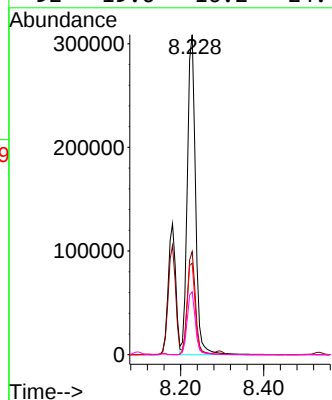
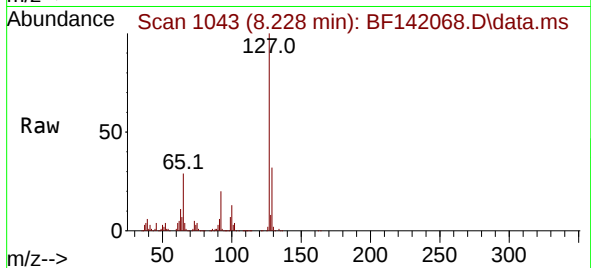




#33
4-Chloroaniline
Concen: 38.856 ng
RT: 8.228 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF142068.D
Acq: 25 Mar 2025 10:09

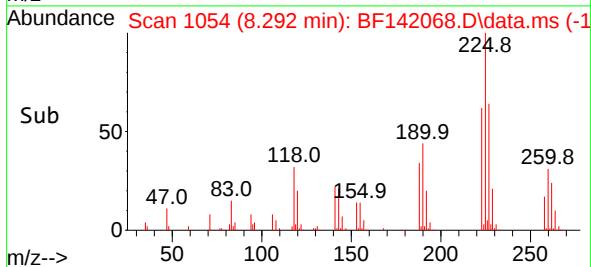
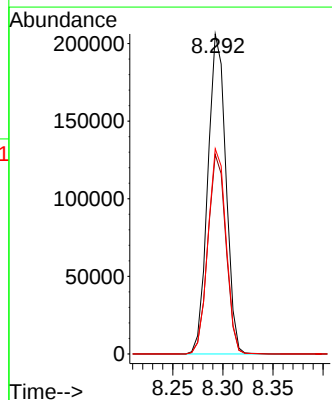
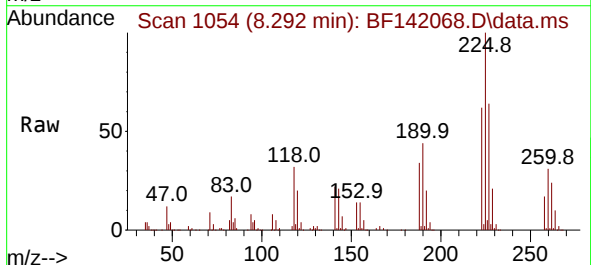
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

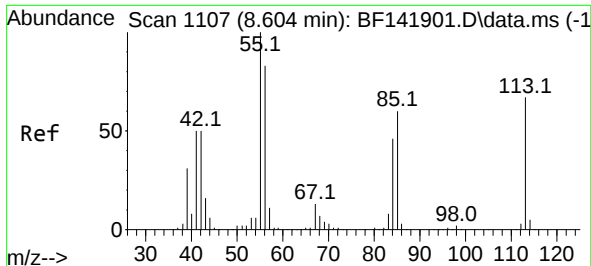
Tgt Ion:	127	Resp:	422217
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.2	39.4
65	28.6	25.4	38.2
92	19.6	16.2	24.4



#34
Hexachlorobutadiene
Concen: 40.354 ng
RT: 8.292 min Scan# 1054
Delta R.T. -0.012 min
Lab File: BF142068.D
Acq: 25 Mar 2025 10:09

Tgt Ion:	225	Resp:	257520
Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.6	75.8
227	64.2	52.2	78.2

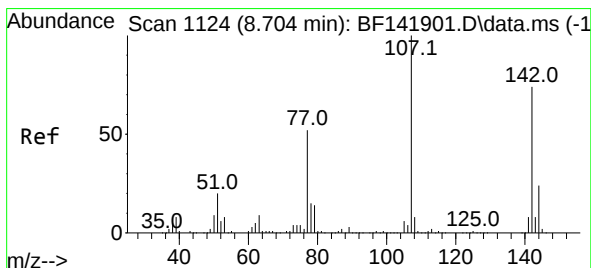
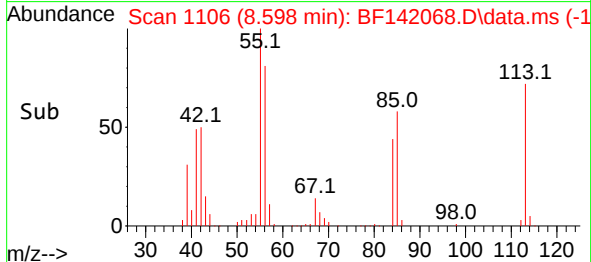
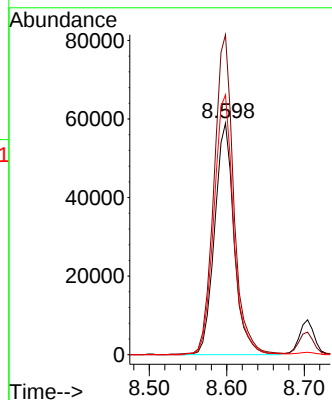
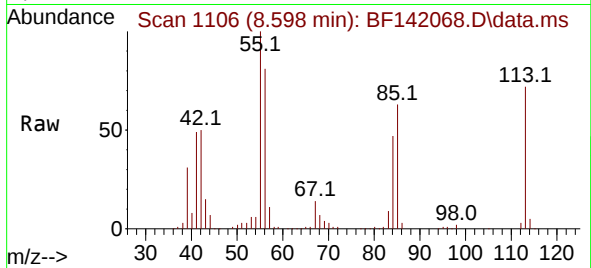




#35
 Caprolactam
 Concen: 38.060 ng
 RT: 8.598 min Scan# 1106
 Delta R.T. -0.006 min
 Lab File: BF142068.D
 Acq: 25 Mar 2025 10:09

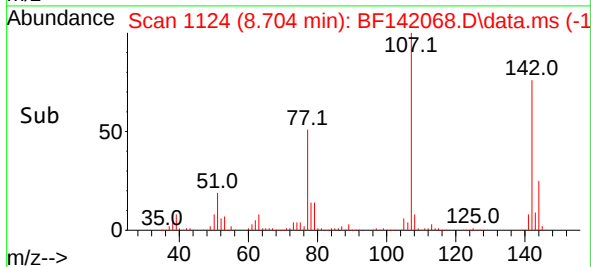
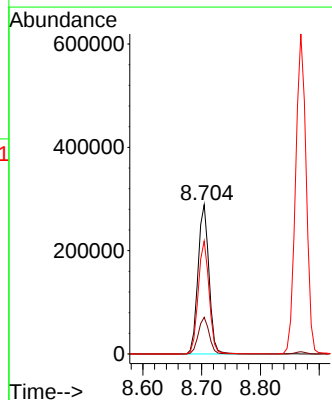
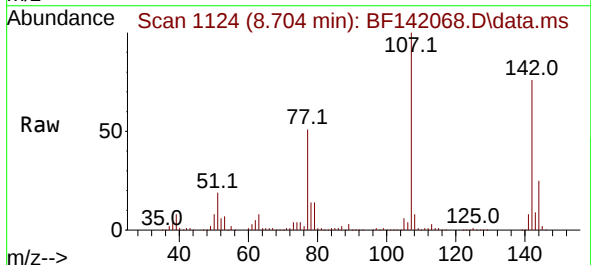
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

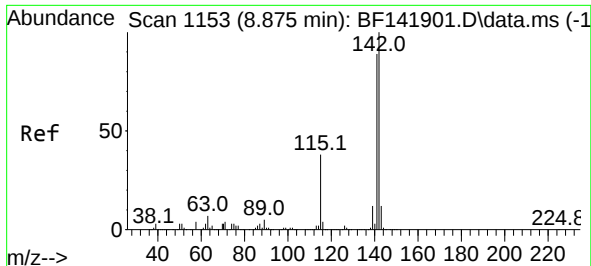
Tgt Ion:113 Resp: 103032
 Ion Ratio Lower Upper
 113 100
 55 138.2 129.6 169.6
 56 112.2 104.0 144.0



#36
 4-Chloro-3-methylphenol
 Concen: 37.857 ng
 RT: 8.704 min Scan# 1124
 Delta R.T. 0.000 min
 Lab File: BF142068.D
 Acq: 25 Mar 2025 10:09

Tgt Ion:107 Resp: 374971
 Ion Ratio Lower Upper
 107 100
 144 24.5 19.0 28.6
 142 75.6 59.2 88.8

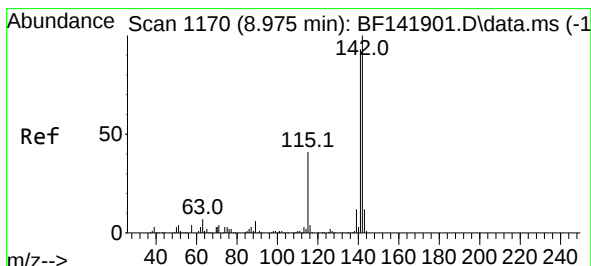
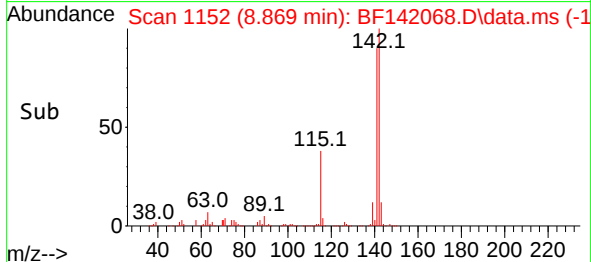
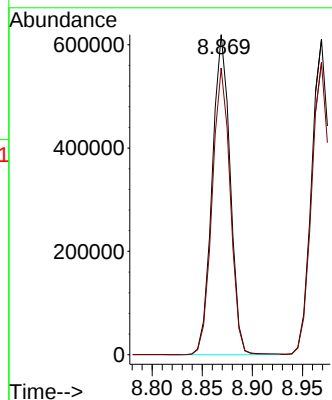
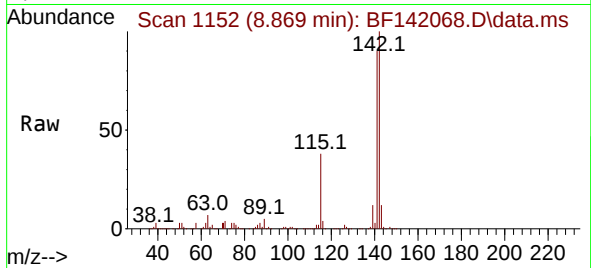




#37
2-Methylnaphthalene
Concen: 37.591 ng
RT: 8.869 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF142068.D
Acq: 25 Mar 2025 10:09

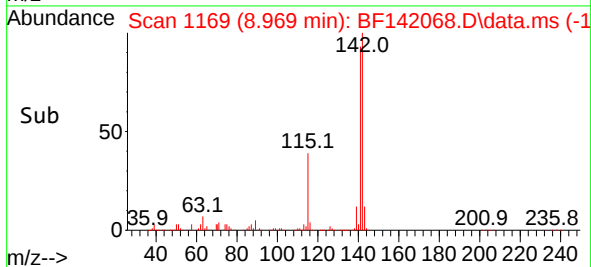
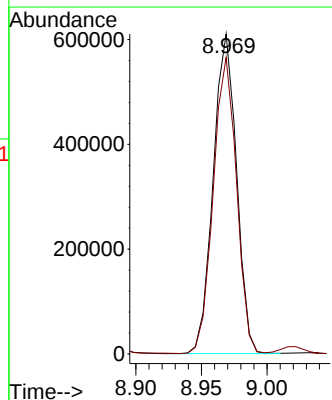
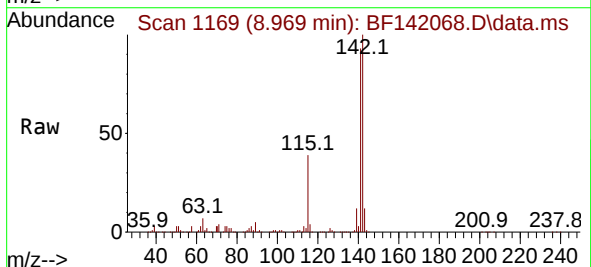
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

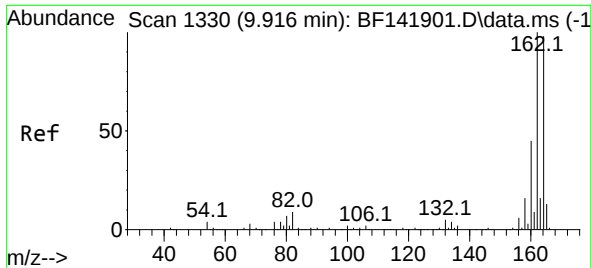
Tgt Ion:142 Resp: 773404
Ion Ratio Lower Upper
142 100
141 89.6 71.2 106.8



#38
1-Methylnaphthalene
Concen: 37.968 ng
RT: 8.969 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF142068.D
Acq: 25 Mar 2025 10:09

Tgt Ion:142 Resp: 753814
Ion Ratio Lower Upper
142 100
141 92.7 74.2 111.4

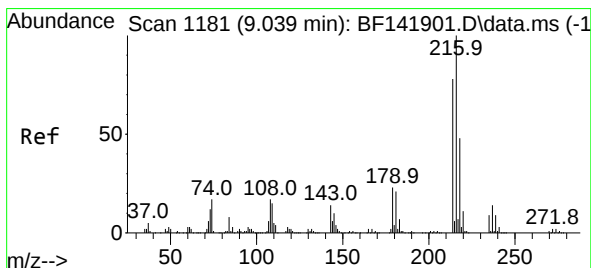
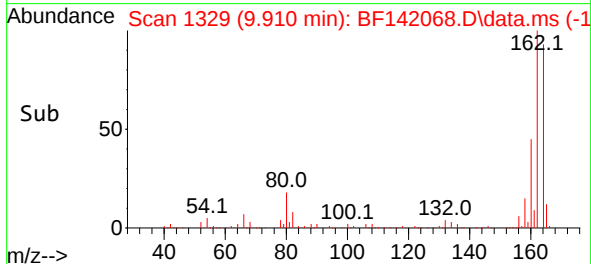
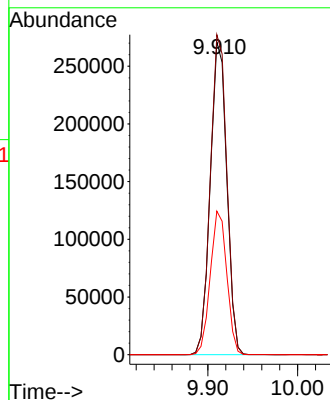
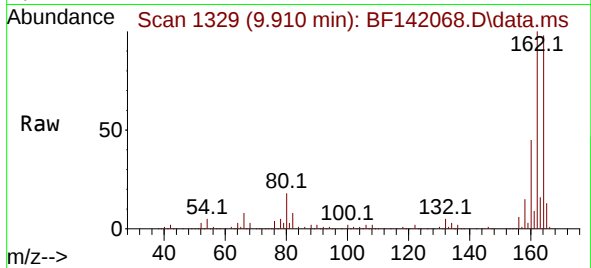




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142068.D
Acq: 25 Mar 2025 10:09

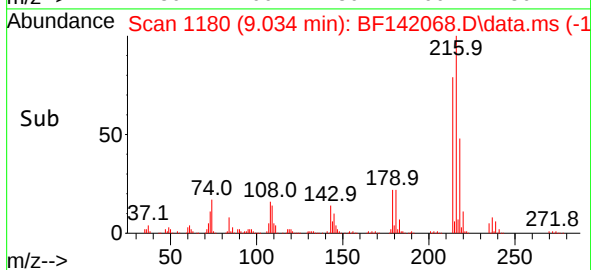
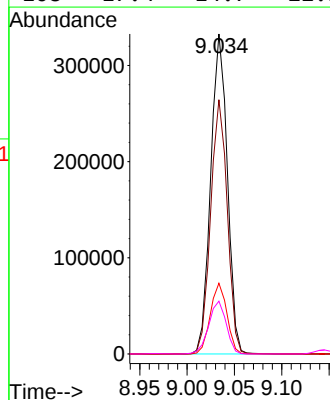
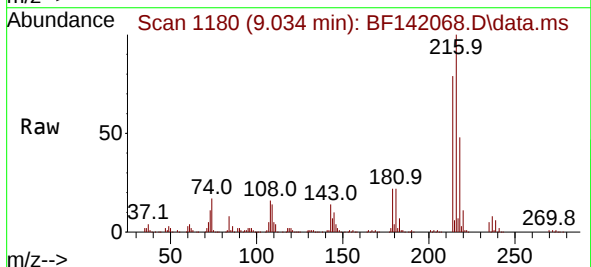
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

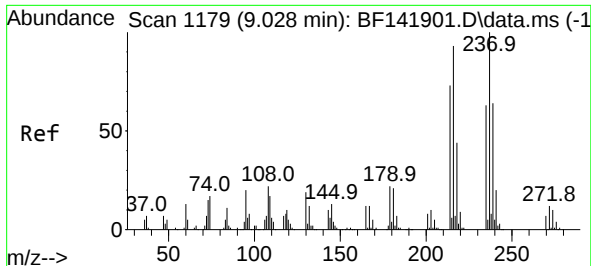
Tgt Ion:164 Resp: 347065
Ion Ratio Lower Upper
164 100
162 102.3 81.8 122.6
160 45.9 36.7 55.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.386 ng
RT: 9.034 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF142068.D
Acq: 25 Mar 2025 10:09

Tgt Ion:216 Resp: 405610
Ion Ratio Lower Upper
216 100
214 79.3 61.9 92.9
179 22.0 18.1 27.1
108 17.4 14.7 22.1

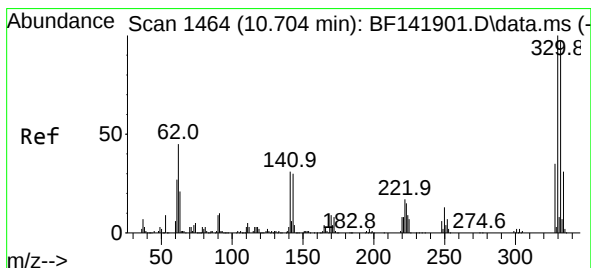
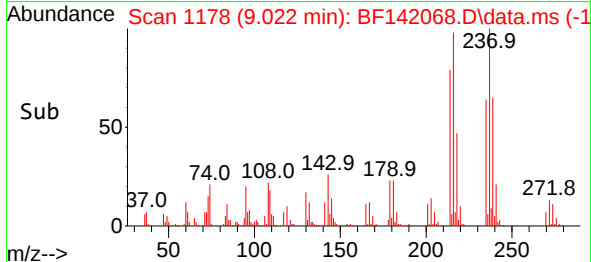
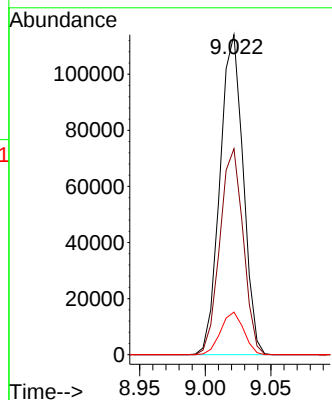
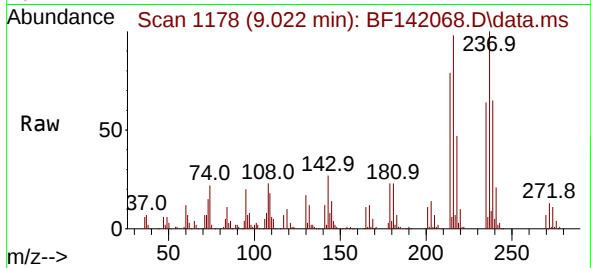




#41
Hexachlorocyclopentadiene
Concen: 33.969 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF142068.D
Acq: 25 Mar 2025 10:09

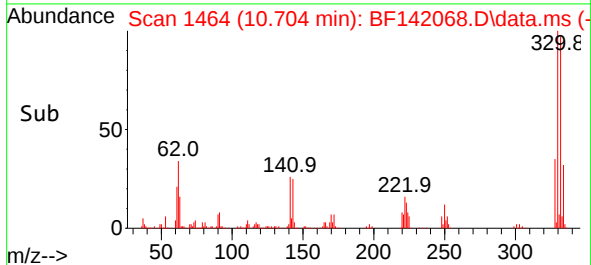
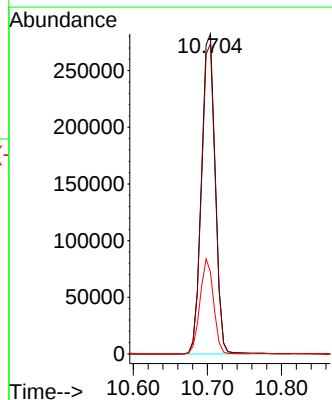
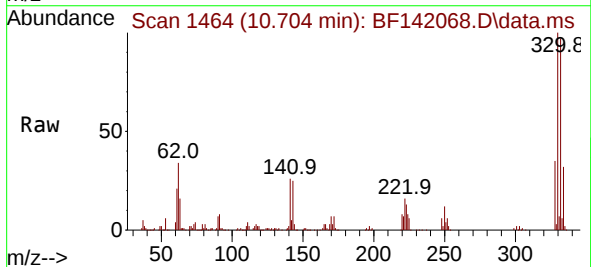
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

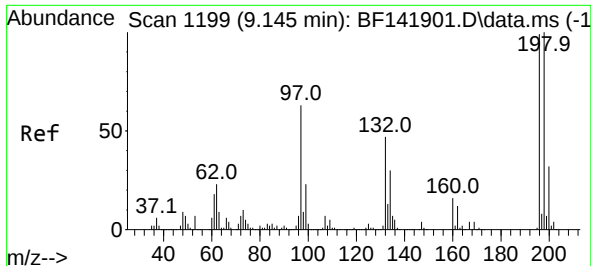
Tgt Ion:237 Resp: 140476
Ion Ratio Lower Upper
237 100
235 64.3 43.1 83.1
272 13.3 0.0 32.0



#42
2,4,6-Tribromophenol
Concen: 82.761 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF142068.D
Acq: 25 Mar 2025 10:09

Tgt Ion:330 Resp: 364394
Ion Ratio Lower Upper
330 100
332 97.0 77.6 116.4
141 29.2 24.7 37.1





#43

2,4,6-Trichlorophenol

Concen: 37.864 ng

RT: 9.145 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF142068.D

Acq: 25 Mar 2025 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

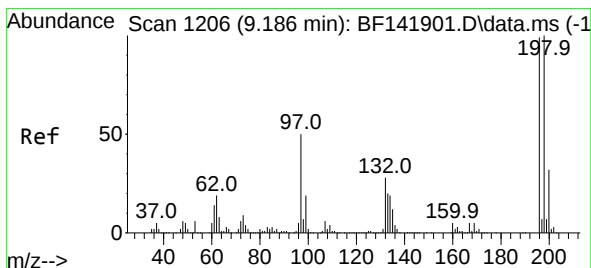
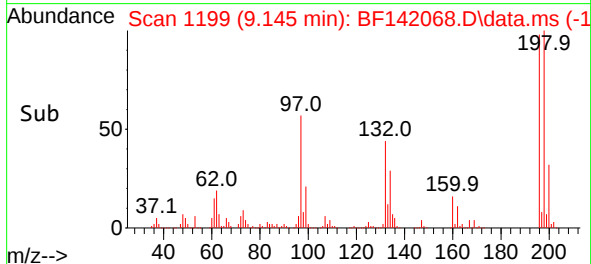
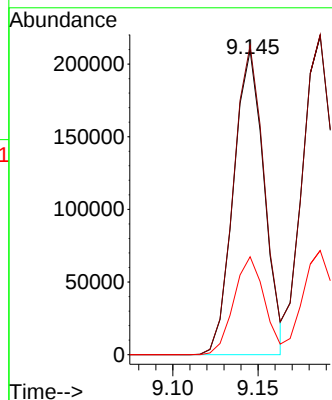
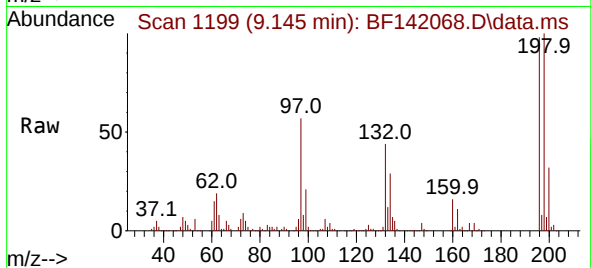
Tgt Ion:196 Resp: 261481

Ion Ratio Lower Upper

196 100

198 101.8 80.6 121.0

200 32.2 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 41.019 ng

RT: 9.186 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BF142068.D

Acq: 25 Mar 2025 10:09

Tgt Ion:196 Resp: 286893

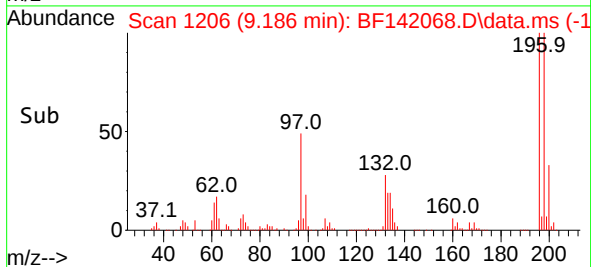
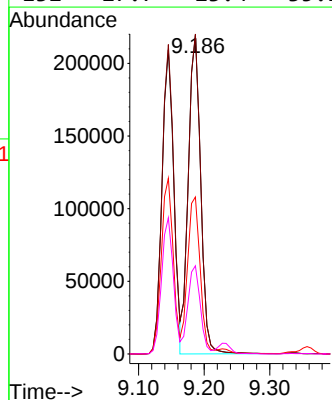
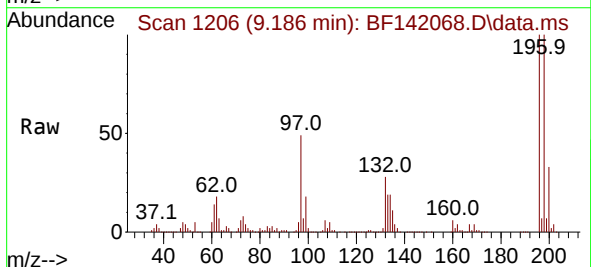
Ion Ratio Lower Upper

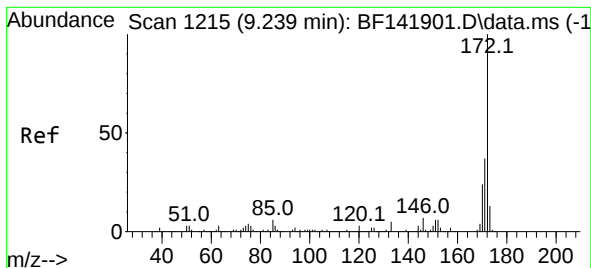
196 100

198 100.4 80.7 121.1

97 49.3 42.1 63.1

132 27.7 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 76.106 ng

RT: 9.234 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142068.D

Acq: 25 Mar 2025 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

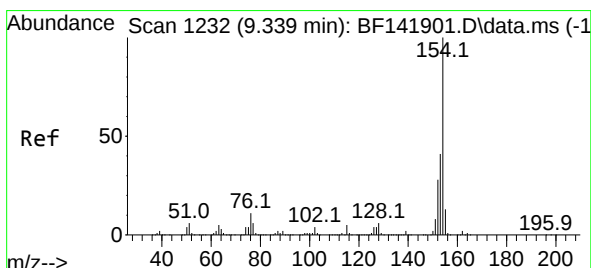
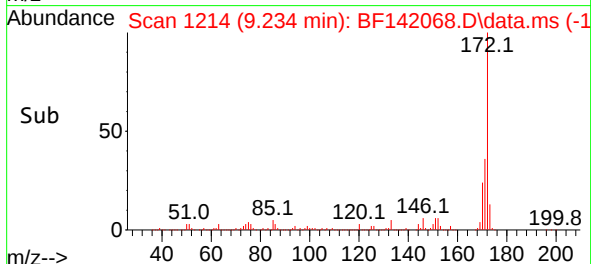
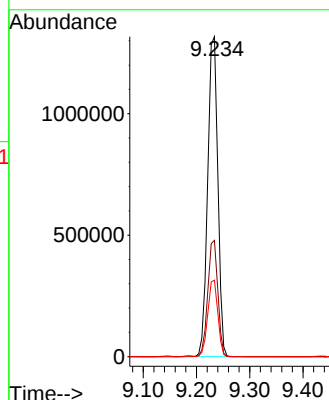
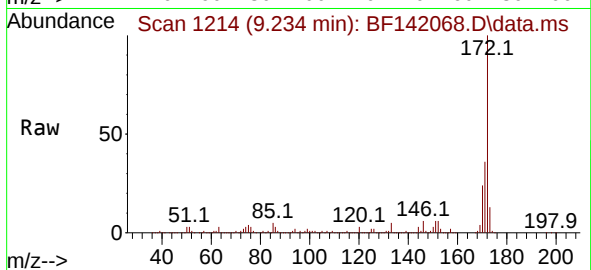
Tgt Ion:172 Resp: 1736828

Ion Ratio Lower Upper

172 100

171 36.4 29.3 43.9

170 23.9 19.4 29.0



#46

1,1'-Biphenyl

Concen: 37.617 ng

RT: 9.334 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BF142068.D

Acq: 25 Mar 2025 10:09

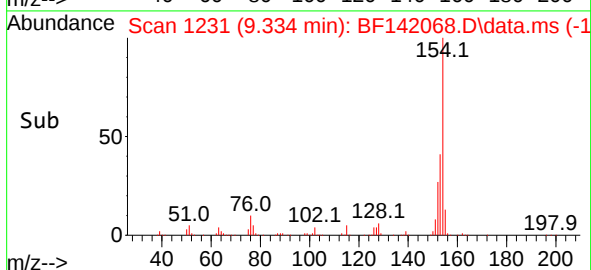
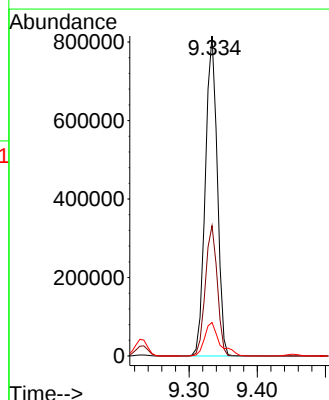
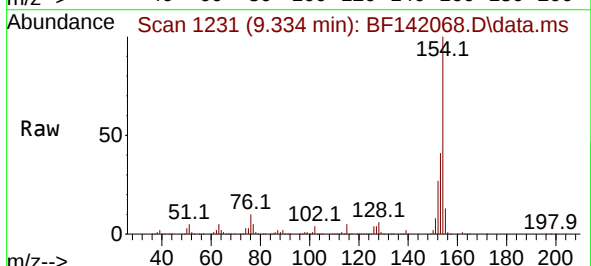
Tgt Ion:154 Resp: 991976

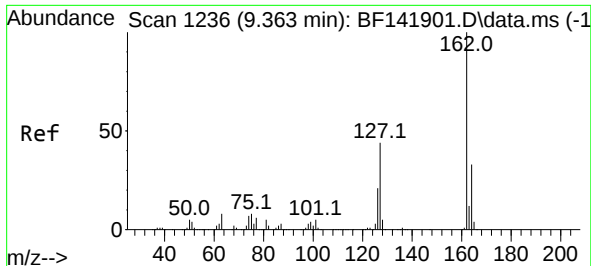
Ion Ratio Lower Upper

154 100

153 40.7 21.1 61.1

76 10.5 0.0 31.3





#47

2-Chloronaphthalene

Concen: 37.868 ng

RT: 9.357 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142068.D

Acq: 25 Mar 2025 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

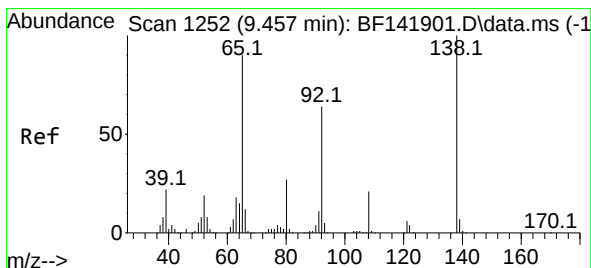
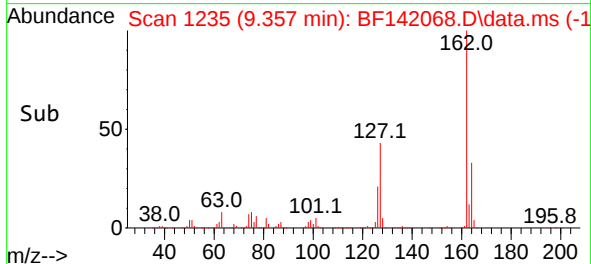
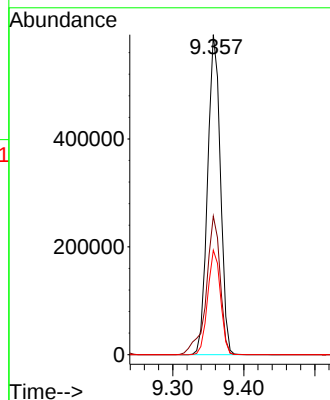
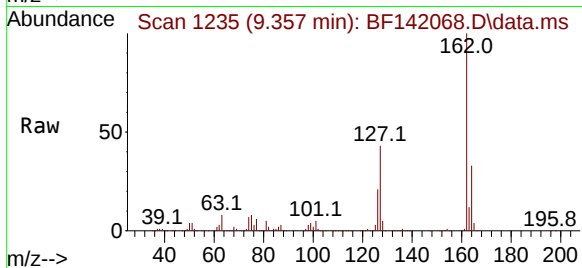
Tgt Ion:162 Resp: 744305

Ion Ratio Lower Upper

162 100

127 43.3 35.5 53.3

164 32.6 26.6 40.0



#48

2-Nitroaniline

Concen: 37.922 ng

RT: 9.451 min Scan# 1251

Delta R.T. -0.006 min

Lab File: BF142068.D

Acq: 25 Mar 2025 10:09

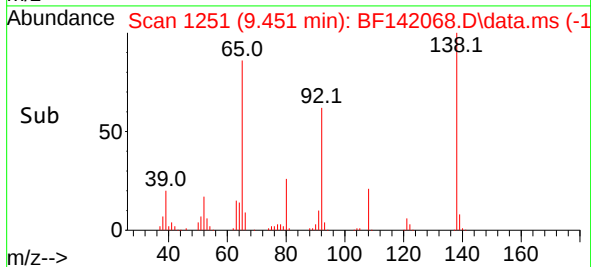
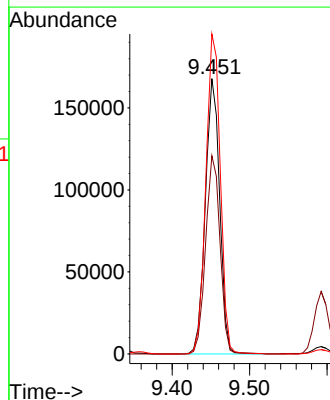
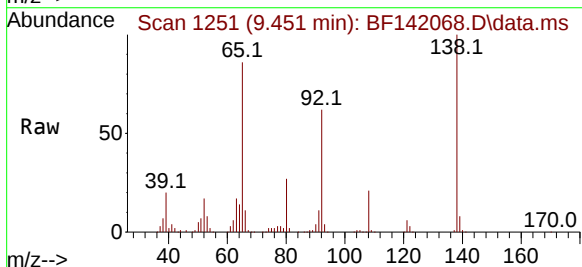
Tgt Ion: 65 Resp: 215813

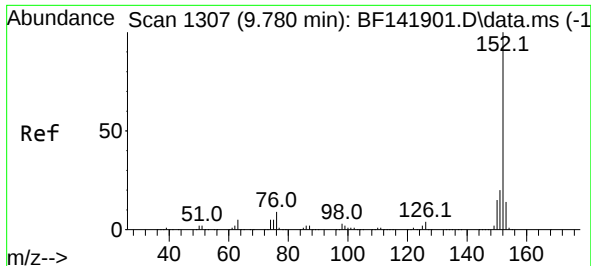
Ion Ratio Lower Upper

65 100

92 72.0 56.6 84.8

138 116.2 88.6 133.0





#49

Acenaphthylene

Concen: 38.575 ng

RT: 9.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142068.D

Acq: 25 Mar 2025 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

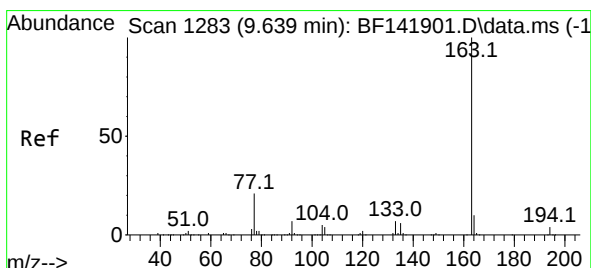
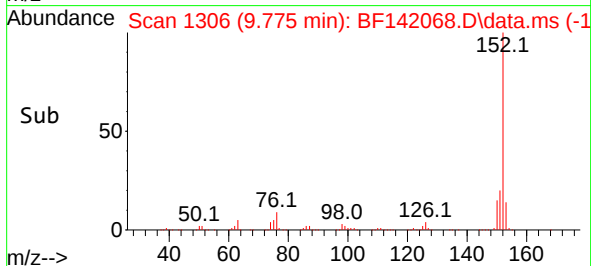
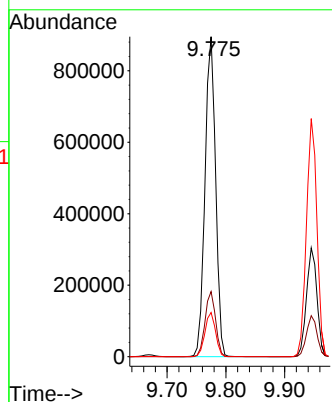
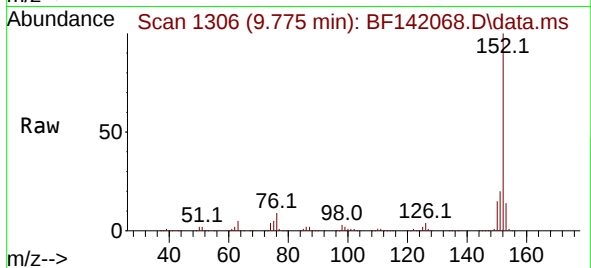
Tgt Ion:152 Resp: 1125155

Ion Ratio Lower Upper

152 100

151 20.3 16.3 24.5

153 13.8 11.1 16.7



#50

Dimethylphthalate

Concen: 38.585 ng

RT: 9.633 min Scan# 1282

Delta R.T. -0.006 min

Lab File: BF142068.D

Acq: 25 Mar 2025 10:09

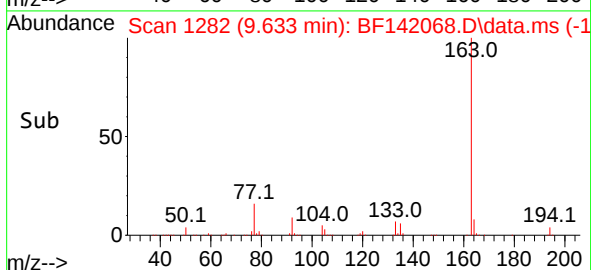
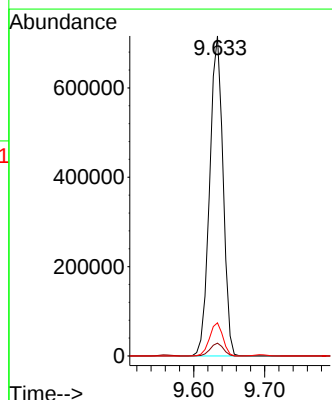
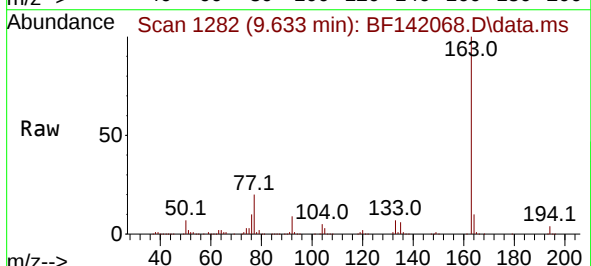
Tgt Ion:163 Resp: 937767

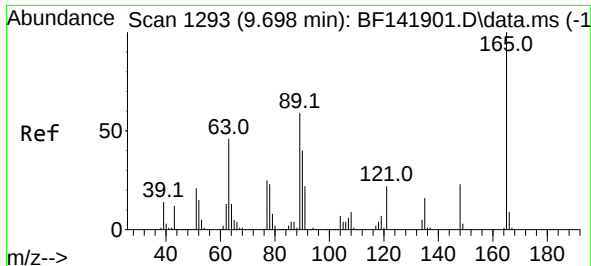
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.3 8.2 12.4

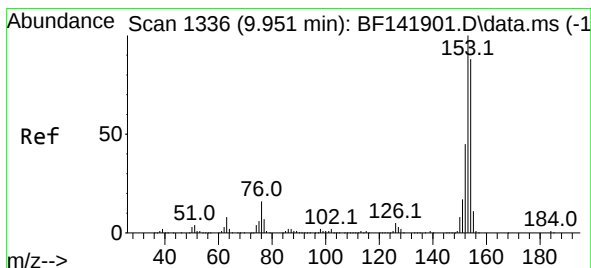
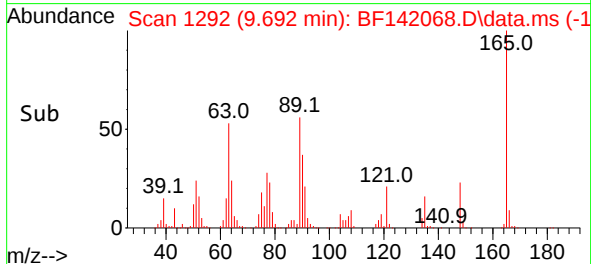
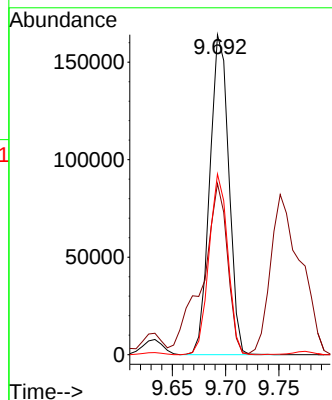
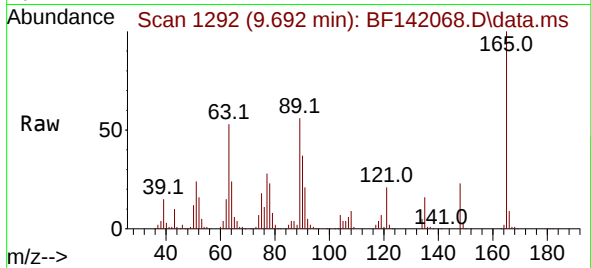




#51
2,6-Dinitrotoluene
Concen: 40.331 ng
RT: 9.692 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142068.D
Acq: 25 Mar 2025 10:09

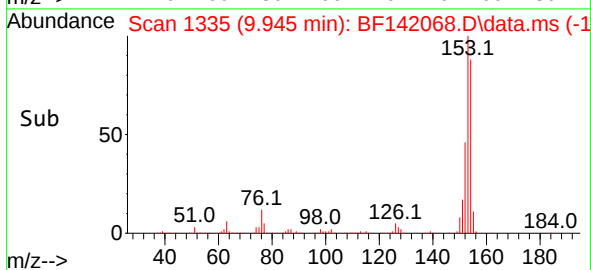
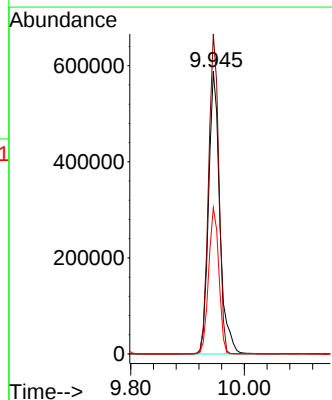
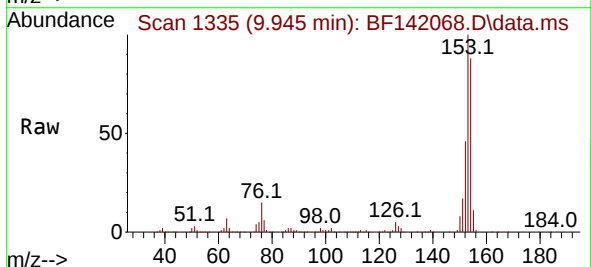
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

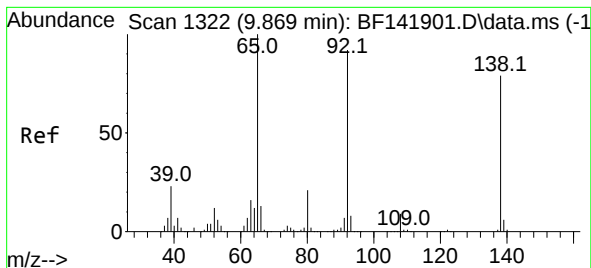
Tgt Ion:165 Resp: 204090
Ion Ratio Lower Upper
165 100
63 53.5 47.0 70.4
89 56.4 47.4 71.2



#52
Acenaphthene
Concen: 39.213 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF142068.D
Acq: 25 Mar 2025 10:09

Tgt Ion:154 Resp: 803778
Ion Ratio Lower Upper
154 100
153 113.3 90.7 136.1
152 51.8 41.1 61.7





#53

3-Nitroaniline

Concen: 37.850 ng

RT: 9.863 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142068.D

Acq: 25 Mar 2025 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

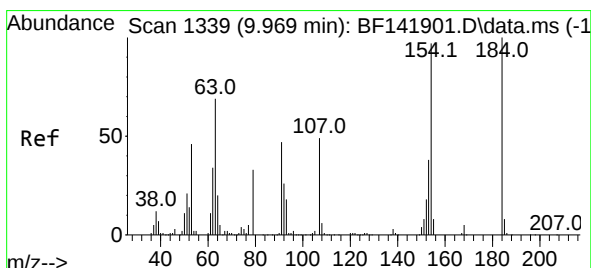
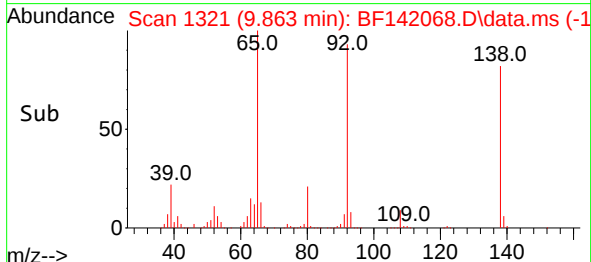
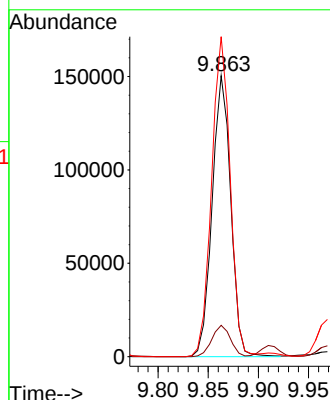
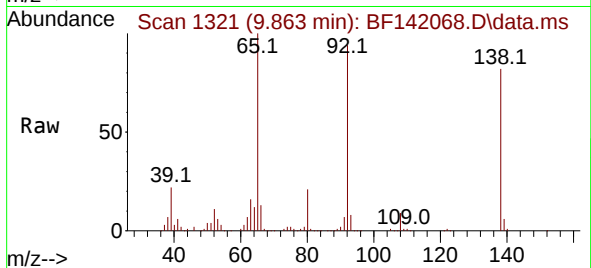
Tgt Ion:138 Resp: 194286

Ion Ratio Lower Upper

138 100

108 11.2 9.3 13.9

92 113.9 93.5 140.3



#54

2,4-Dinitrophenol

Concen: 42.593 ng

RT: 9.969 min Scan# 1339

Delta R.T. -0.000 min

Lab File: BF142068.D

Acq: 25 Mar 2025 10:09

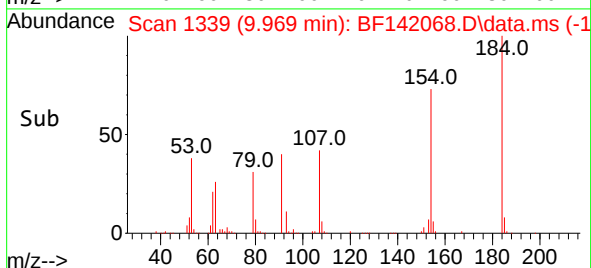
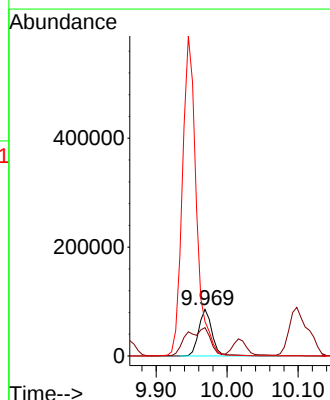
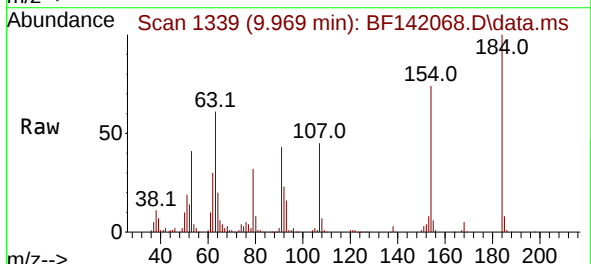
Tgt Ion:184 Resp: 112832

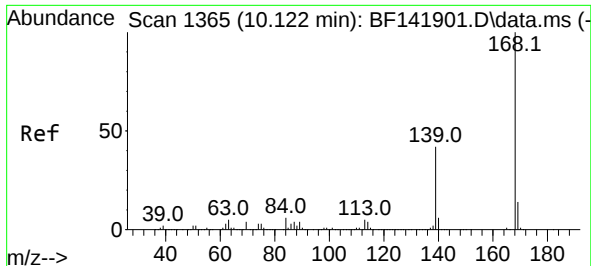
Ion Ratio Lower Upper

184 100

63 61.0 60.2 90.4

154 73.8 132.9 199.3#

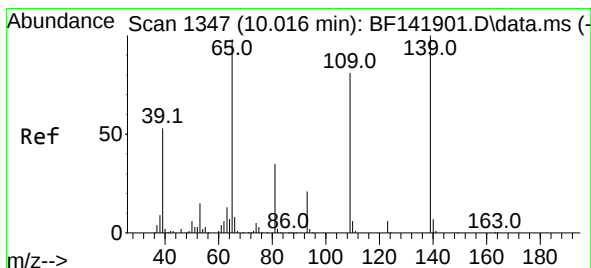
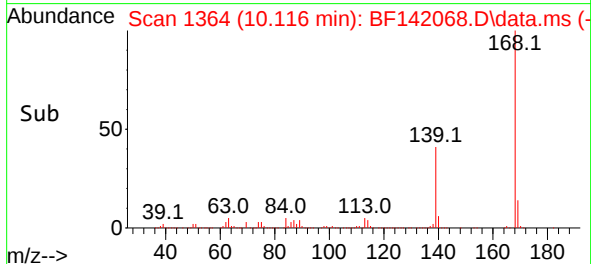
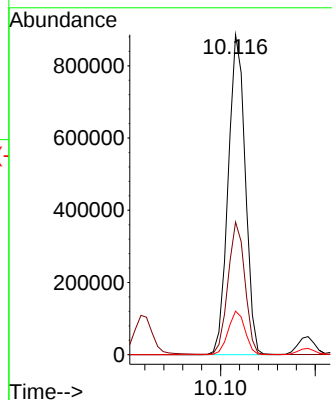
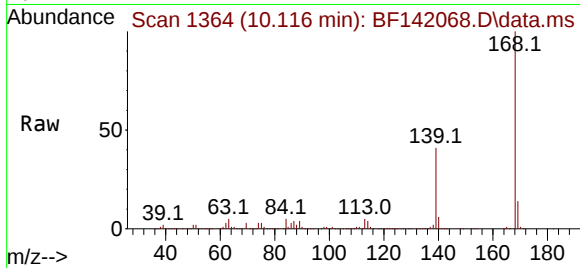




#55
Dibenzenofuran
Concen: 37.878 ng
RT: 10.116 min Scan# 1364
Delta R.T. -0.006 min
Lab File: BF142068.D
Acq: 25 Mar 2025 10:09

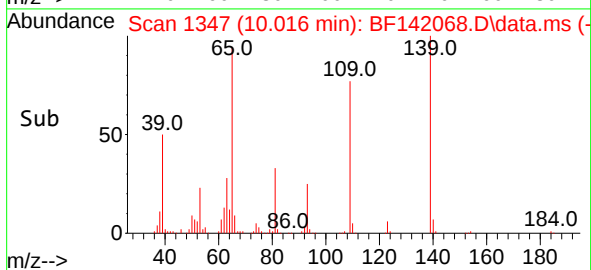
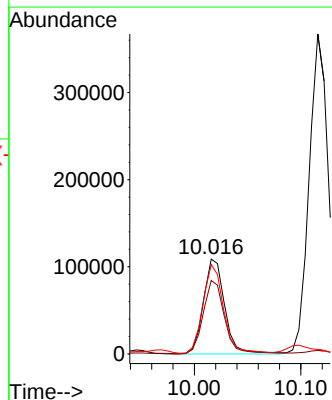
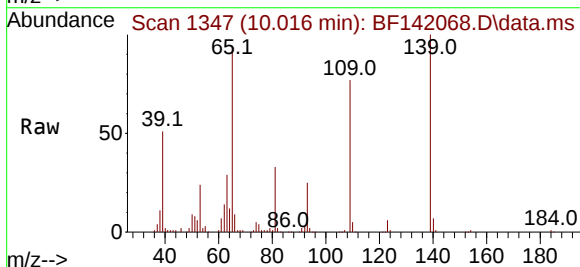
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

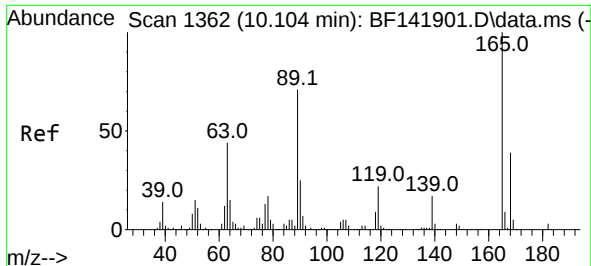
Tgt Ion:168 Resp: 1109401
Ion Ratio Lower Upper
168 100
139 41.4 33.9 50.9
169 13.6 11.0 16.4



#56
4-Nitrophenol
Concen: 38.987 ng
RT: 10.016 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BF142068.D
Acq: 25 Mar 2025 10:09

Tgt Ion:139 Resp: 150918
Ion Ratio Lower Upper
139 100
109 77.4 61.6 101.6
65 94.2 79.4 119.4

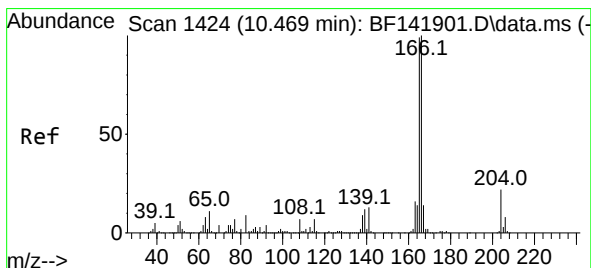
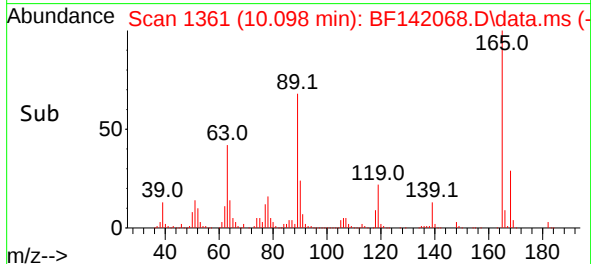
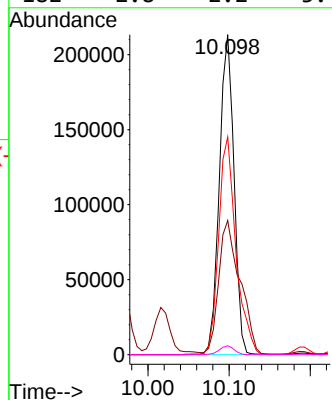
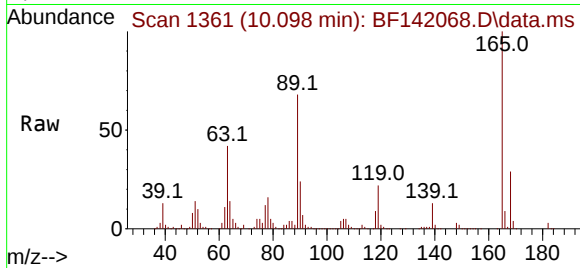




#57
2,4-Dinitrotoluene
Concen: 40.532 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142068.D
Acq: 25 Mar 2025 10:09

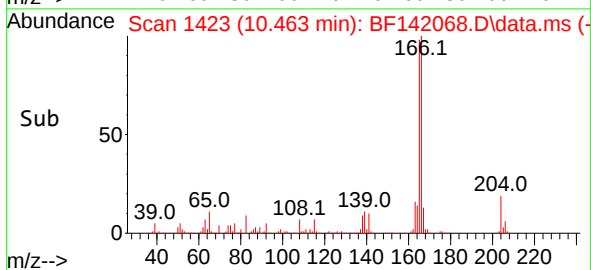
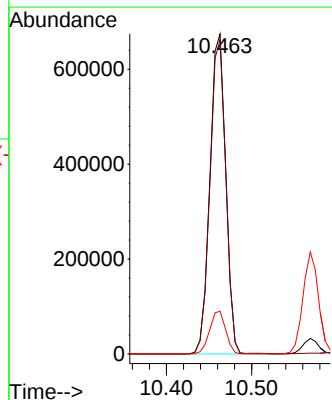
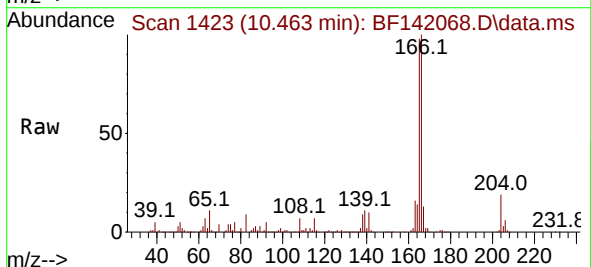
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

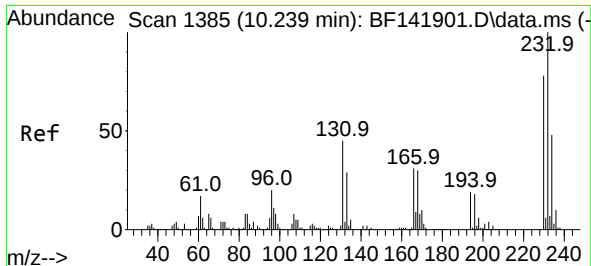
Tgt Ion:165 Resp: 267886
Ion Ratio Lower Upper
165 100
63 41.9 35.4 53.2
89 68.0 56.6 84.8
182 2.8 2.2 3.4



#58
Fluorene
Concen: 38.495 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF142068.D
Acq: 25 Mar 2025 10:09

Tgt Ion:166 Resp: 869463
Ion Ratio Lower Upper
166 100
165 98.3 79.0 118.4
167 13.3 11.0 16.4

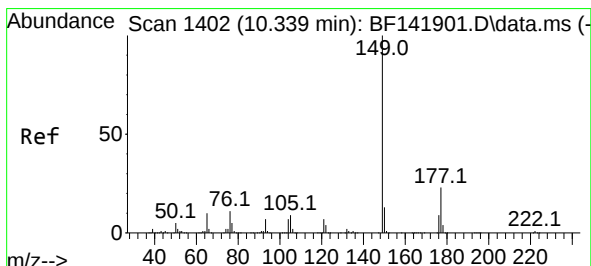
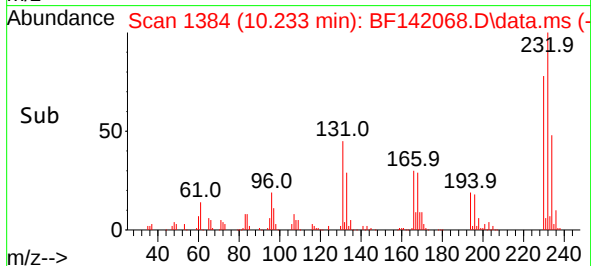
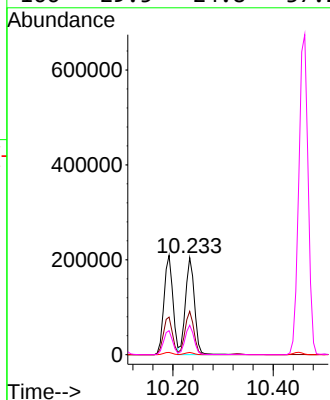
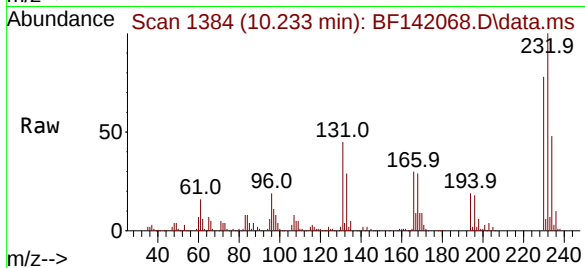




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.401 ng
RT: 10.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142068.D
Acq: 25 Mar 2025 10:09

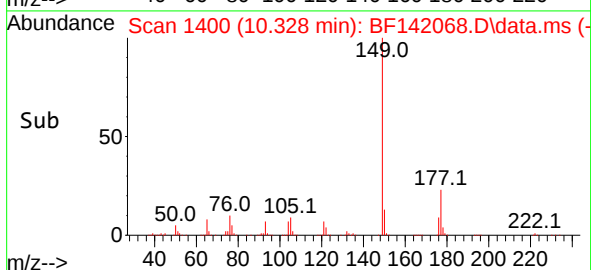
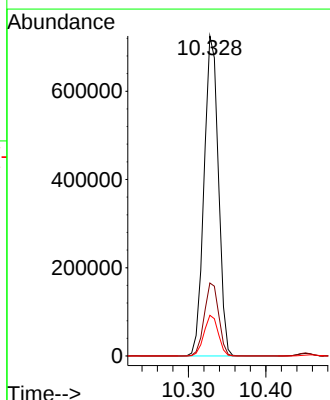
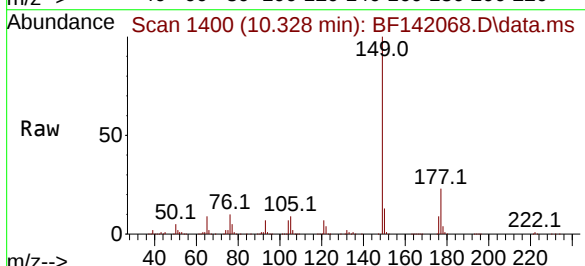
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

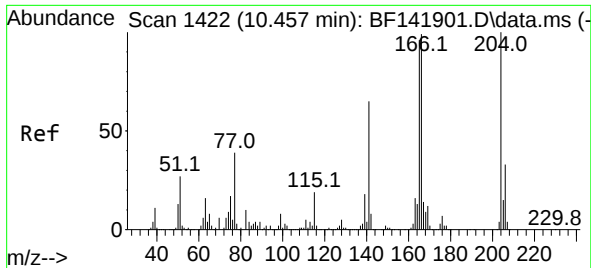
Tgt Ion:232 Resp: 257133
Ion Ratio Lower Upper
232 100
131 44.3 37.3 55.9
130 2.2 1.9 2.9
166 29.5 24.8 37.2



#60
Diethylphthalate
Concen: 38.362 ng
RT: 10.328 min Scan# 1400
Delta R.T. -0.012 min
Lab File: BF142068.D
Acq: 25 Mar 2025 10:09

Tgt Ion:149 Resp: 929683
Ion Ratio Lower Upper
149 100
177 22.8 18.0 27.0
150 12.7 10.2 15.4

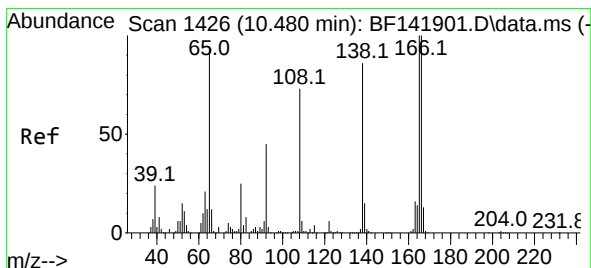
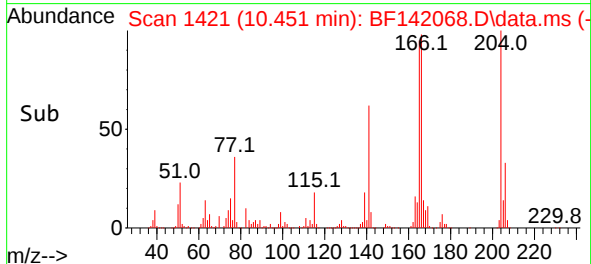
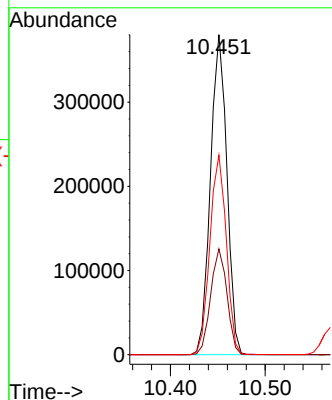
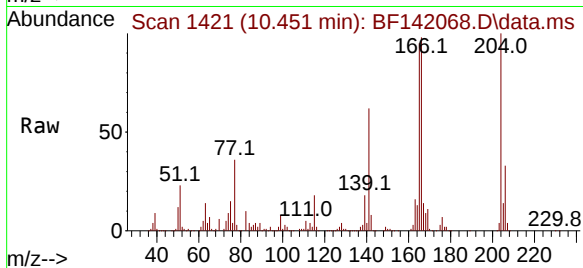




#61
4-Chlorophenyl-phenylether
Concen: 38.762 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF142068.D
Acq: 25 Mar 2025 10:09

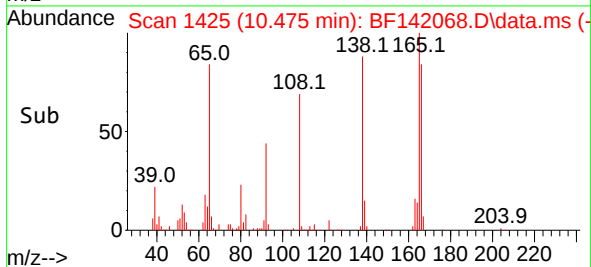
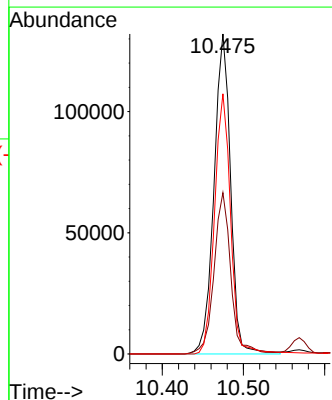
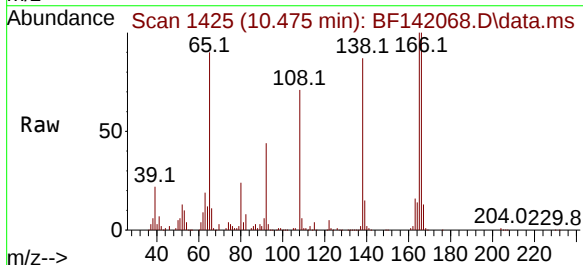
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

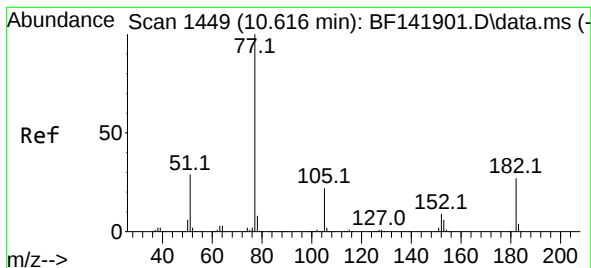
Tgt Ion:204 Resp: 456441
Ion Ratio Lower Upper
204 100
206 33.1 26.8 40.2
141 62.3 52.4 78.6



#62
4-Nitroaniline
Concen: 37.581 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF142068.D
Acq: 25 Mar 2025 10:09

Tgt Ion:138 Resp: 187806
Ion Ratio Lower Upper
138 100
92 50.4 32.6 72.6
108 81.3 65.0 105.0





#63

Azobenzene

Concen: 36.851 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF142068.D

Acq: 25 Mar 2025 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 830289

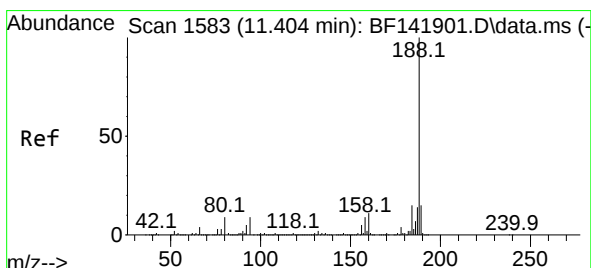
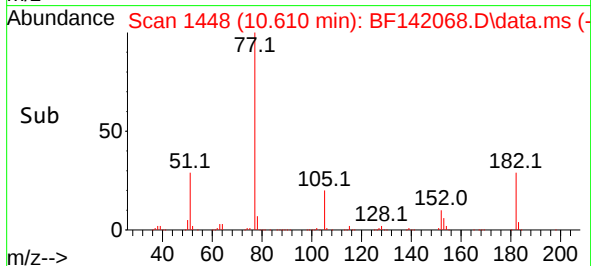
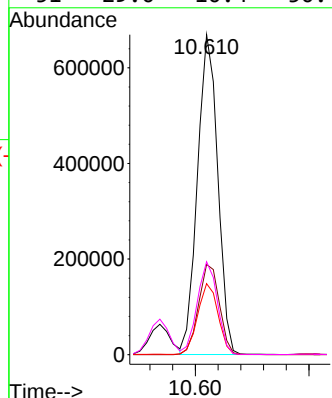
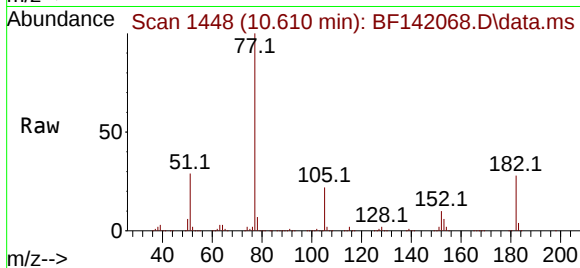
Ion Ratio Lower Upper

77 100

182 28.2 6.6 46.6

105 22.2 1.3 41.3

51 29.0 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: BF142068.D

Acq: 25 Mar 2025 10:09

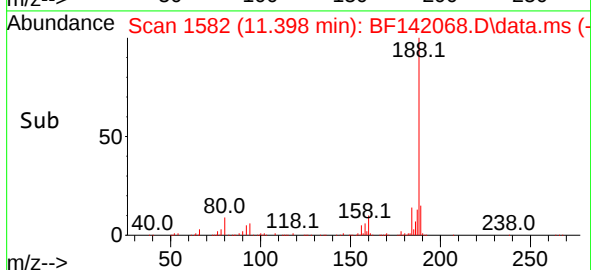
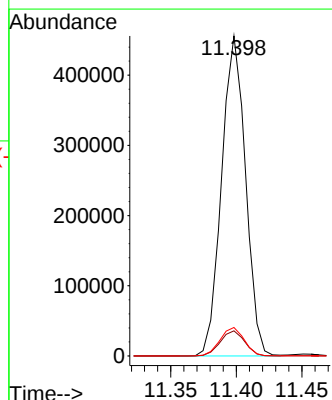
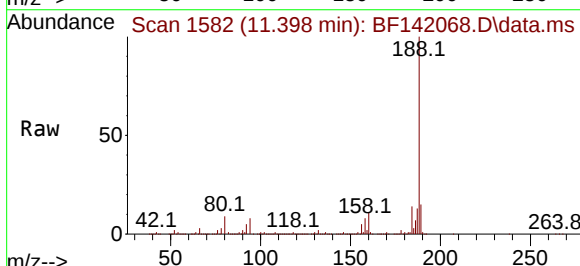
Tgt Ion:188 Resp: 578583

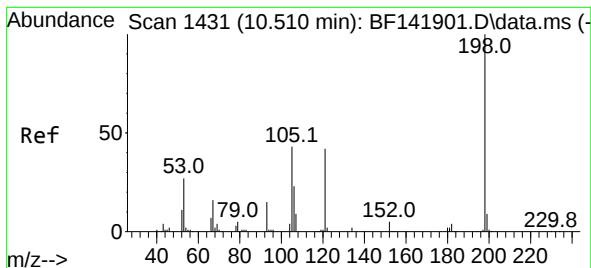
Ion Ratio Lower Upper

188 100

94 7.8 6.8 10.2

80 8.9 7.6 11.4

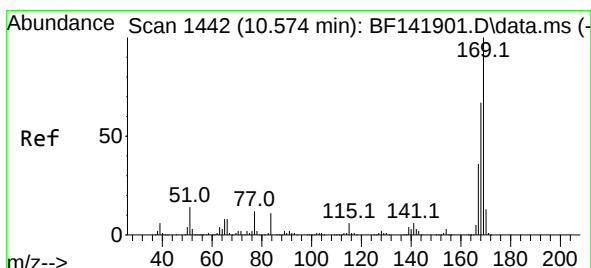
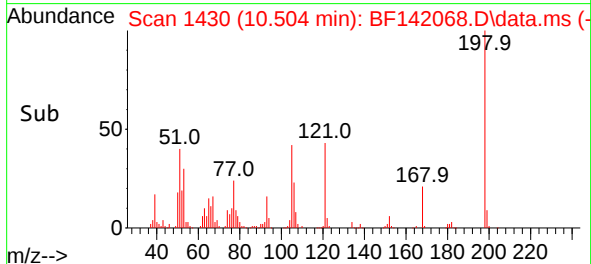
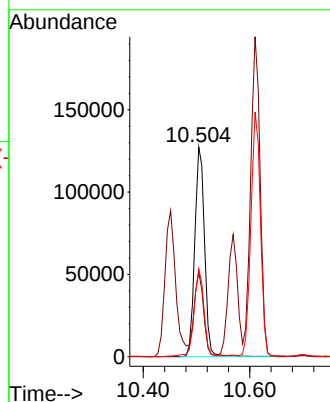
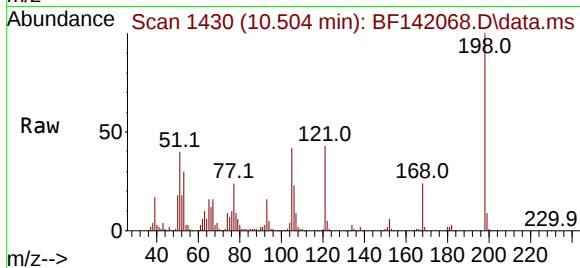




#65
4,6-Dinitro-2-methylphenol
Concen: 47.346 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF142068.D
Acq: 25 Mar 2025 10:09

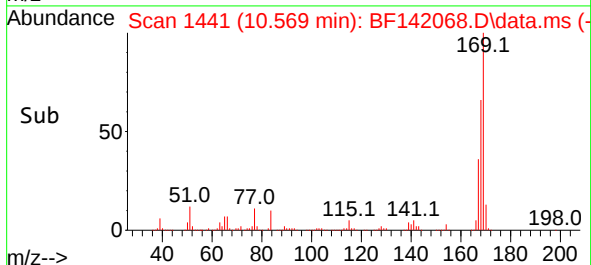
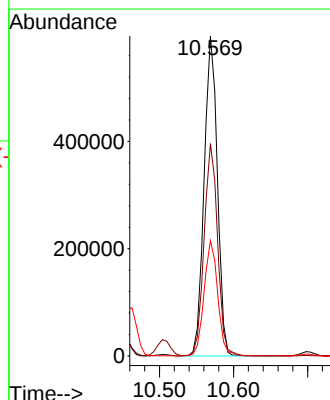
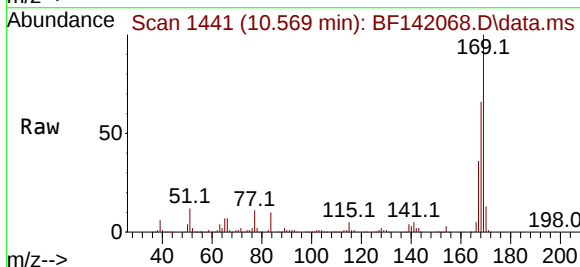
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

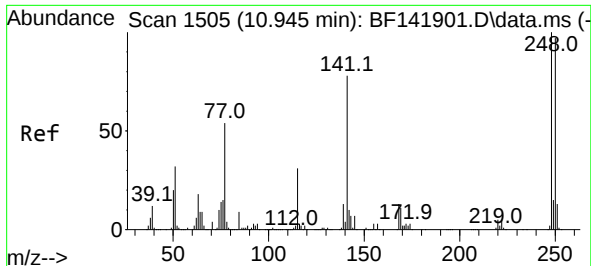
Tgt Ion:198 Resp: 163306
Ion Ratio Lower Upper
198 100
51 40.3 22.3 62.3
105 41.9 23.0 63.0



#66
n-Nitrosodiphenylamine
Concen: 39.496 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF142068.D
Acq: 25 Mar 2025 10:09

Tgt Ion:169 Resp: 739498
Ion Ratio Lower Upper
169 100
168 66.3 53.7 80.5
167 36.1 29.2 43.8

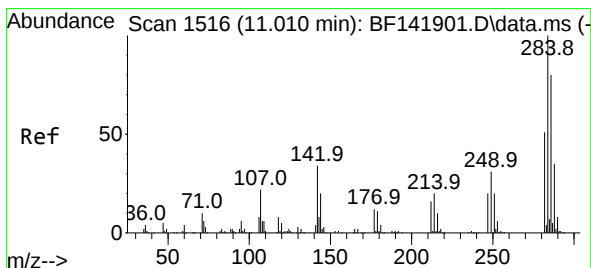
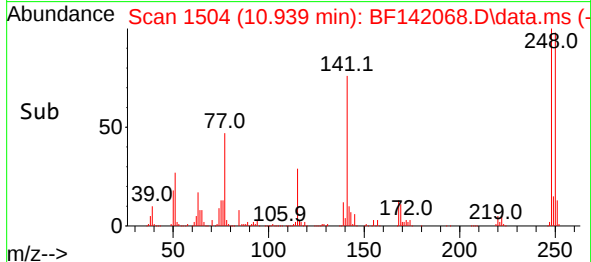
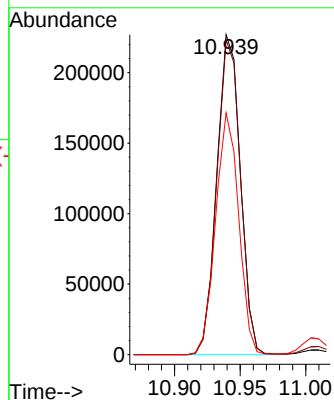
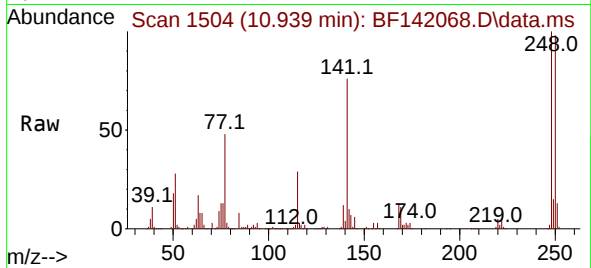




#67
4-Bromophenyl-phenylether
Concen: 39.090 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142068.D
Acq: 25 Mar 2025 10:09

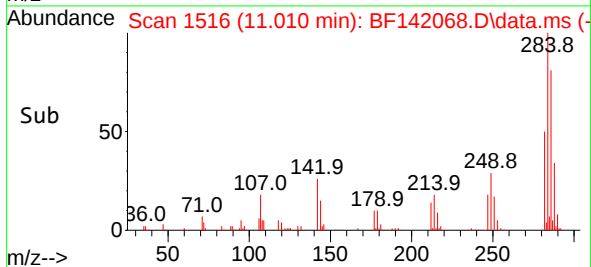
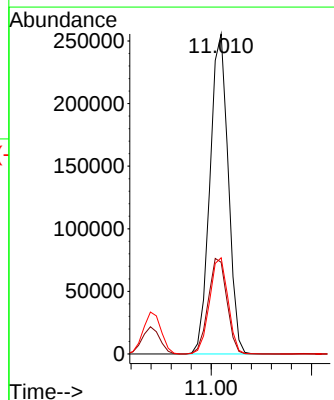
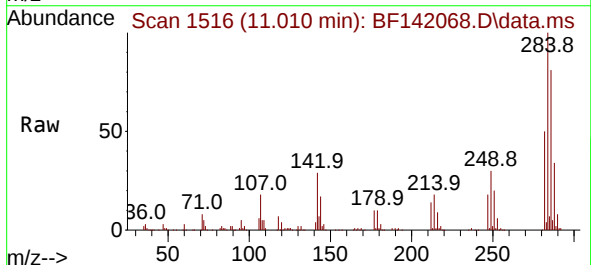
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

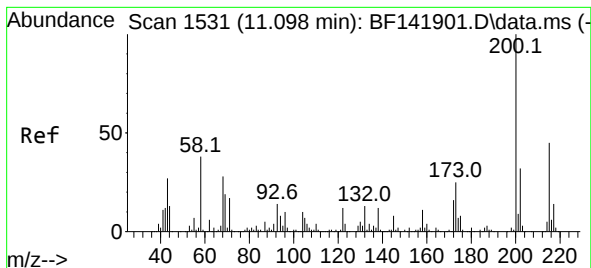
Tgt Ion:248 Resp: 284042
Ion Ratio Lower Upper
248 100
250 98.4 77.8 116.8
141 75.5 62.6 93.8



#68
Hexachlorobenzene
Concen: 40.566 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF142068.D
Acq: 25 Mar 2025 10:09

Tgt Ion:284 Resp: 323290
Ion Ratio Lower Upper
284 100
142 28.7 27.0 40.6
249 30.1 25.2 37.8





#69

Atrazine

Concen: 40.762 ng

RT: 11.092 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142068.D

Acq: 25 Mar 2025 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

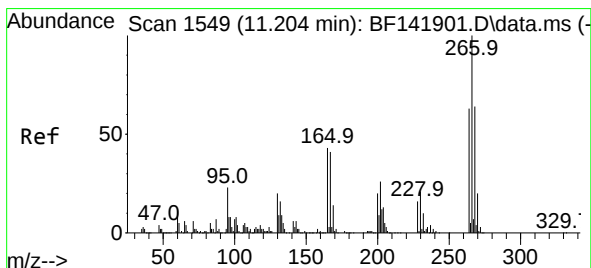
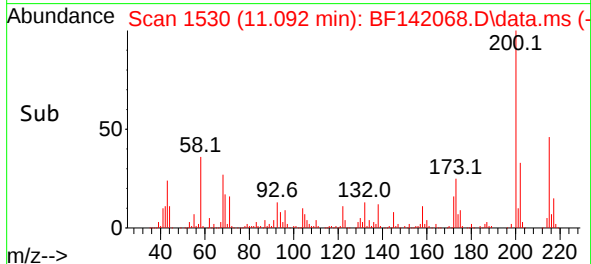
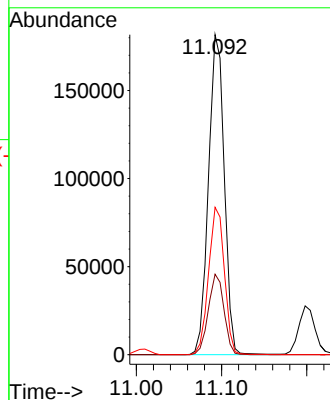
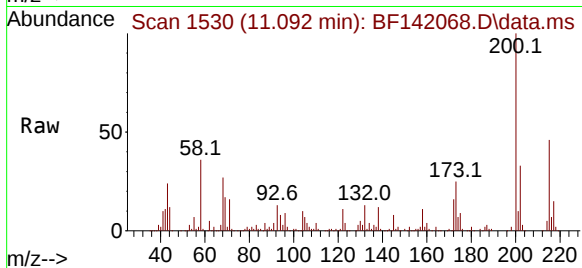
Tgt Ion:200 Resp: 233966

Ion Ratio Lower Upper

200 100

173 25.2 4.7 44.7

215 46.0 25.4 65.4



#70

Pentachlorophenol

Concen: 40.954 ng

RT: 11.198 min Scan# 1548

Delta R.T. -0.006 min

Lab File: BF142068.D

Acq: 25 Mar 2025 10:09

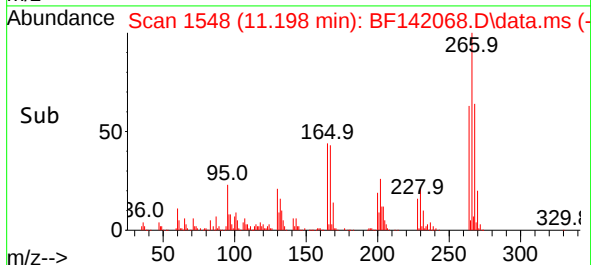
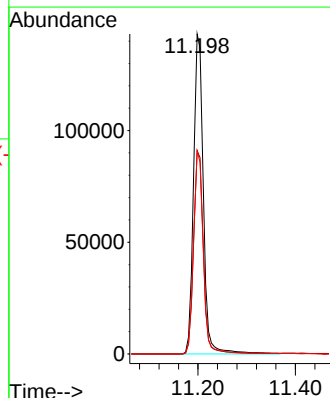
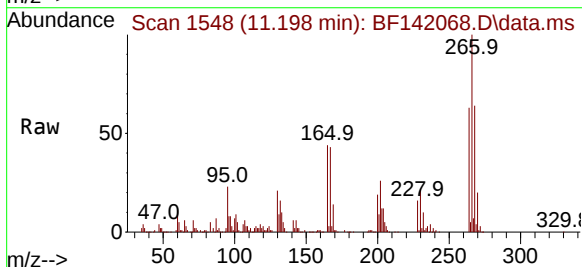
Tgt Ion:266 Resp: 201095

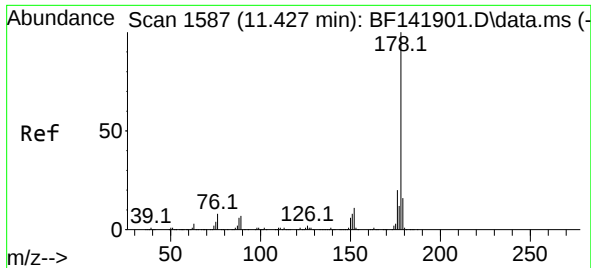
Ion Ratio Lower Upper

266 100

268 63.6 51.0 76.6

264 63.3 50.2 75.2

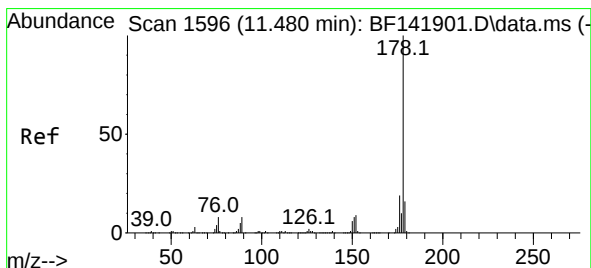
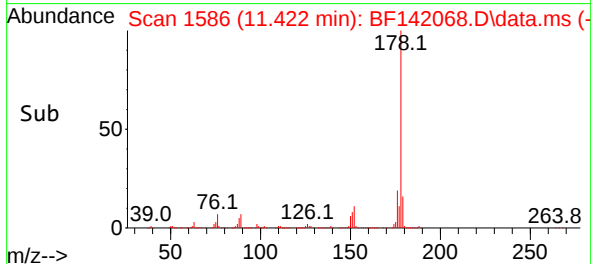
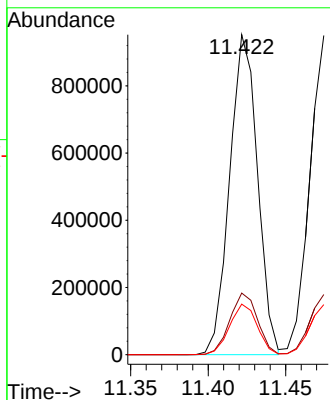
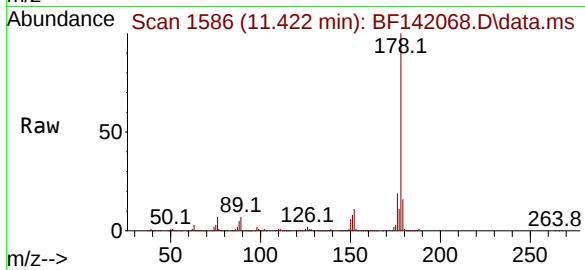




#71
Phenanthrene
Concen: 38.032 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142068.D
Acq: 25 Mar 2025 10:09

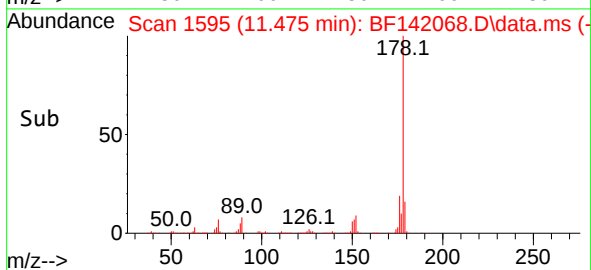
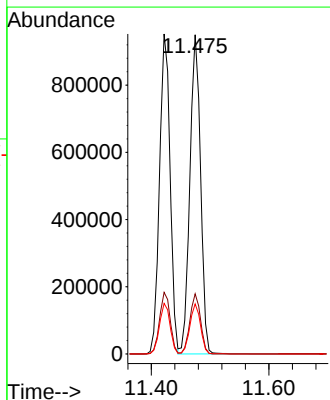
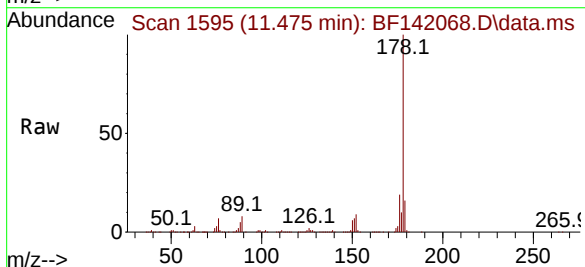
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

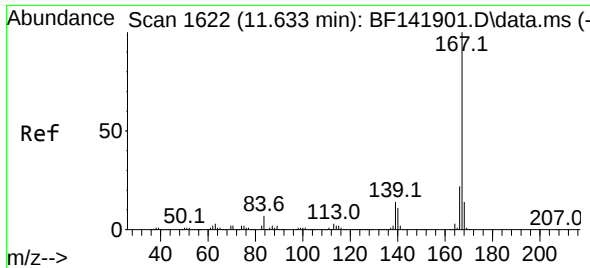
Tgt Ion:178 Resp: 1188534
Ion Ratio Lower Upper
178 100
176 19.2 15.8 23.8
179 15.8 12.6 19.0



#72
Anthracene
Concen: 38.128 ng
RT: 11.475 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF142068.D
Acq: 25 Mar 2025 10:09

Tgt Ion:178 Resp: 1195431
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 15.7 12.6 19.0

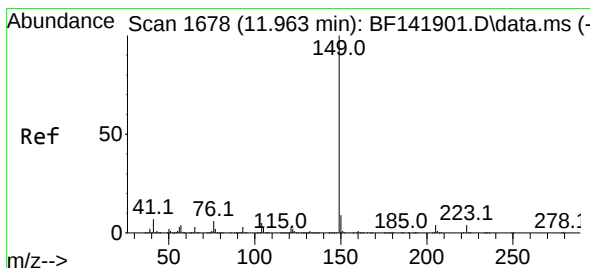
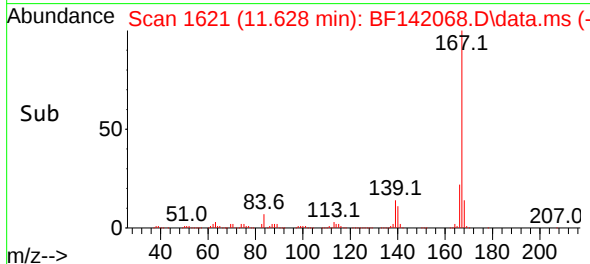
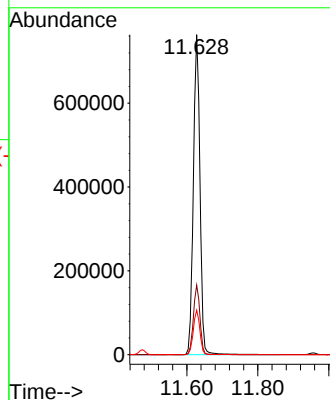
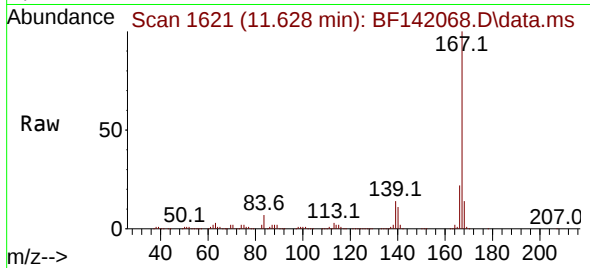




#73
 Carbazole
 Concen: 36.366 ng
 RT: 11.628 min Scan# 1621
 Delta R.T. -0.006 min
 Lab File: BF142068.D
 Acq: 25 Mar 2025 10:09

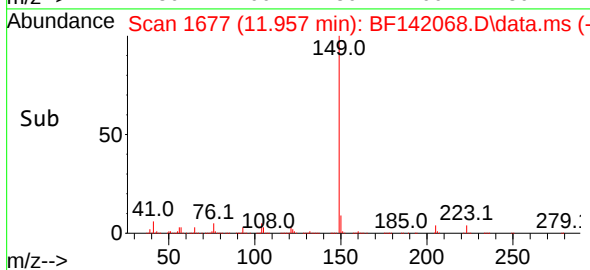
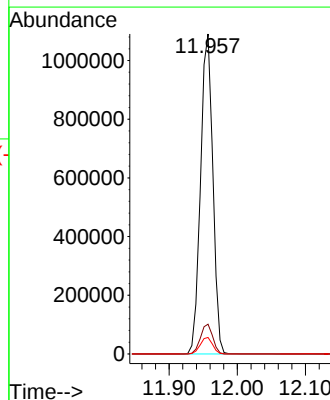
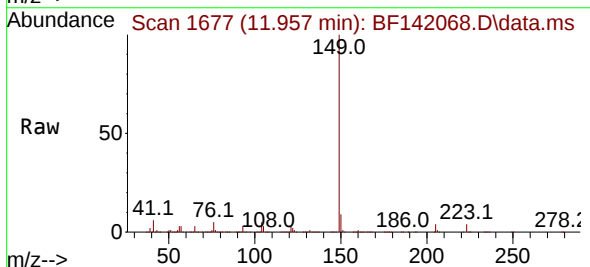
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

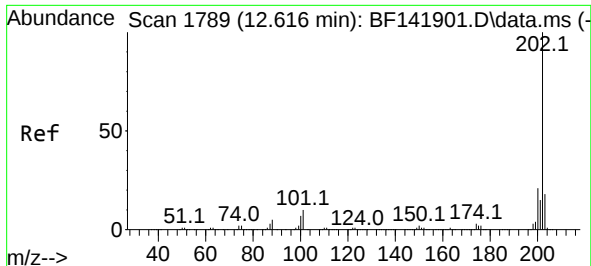
Tgt Ion:167 Resp: 983300
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.2
 139 13.9 11.0 16.6



#74
 Di-n-butylphthalate
 Concen: 37.976 ng
 RT: 11.957 min Scan# 1677
 Delta R.T. -0.006 min
 Lab File: BF142068.D
 Acq: 25 Mar 2025 10:09

Tgt Ion:149 Resp: 1362507
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.6 11.4
 104 5.1 4.4 6.6

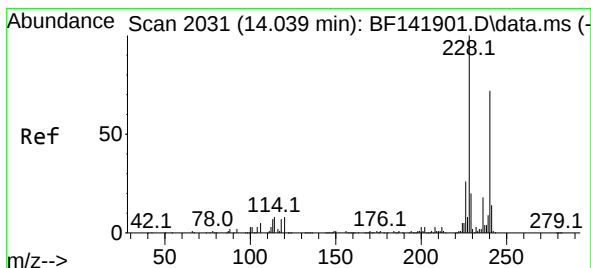
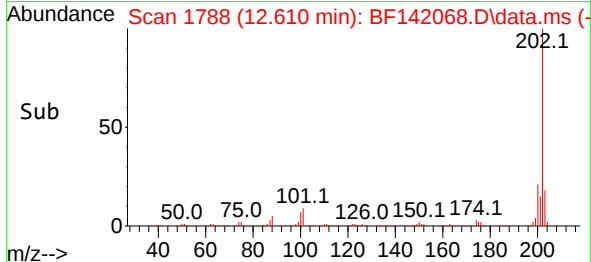
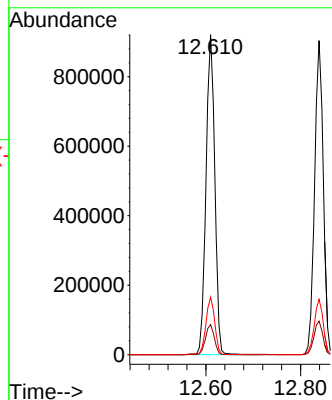
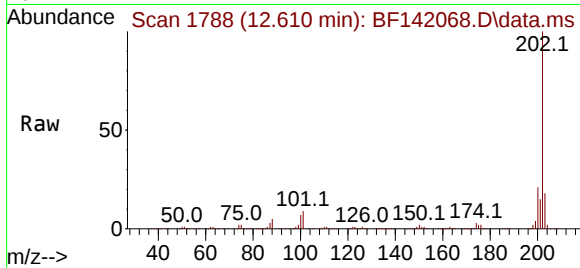




#75
Fluoranthene
Concen: 35.692 ng
RT: 12.610 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142068.D
Acq: 25 Mar 2025 10:09

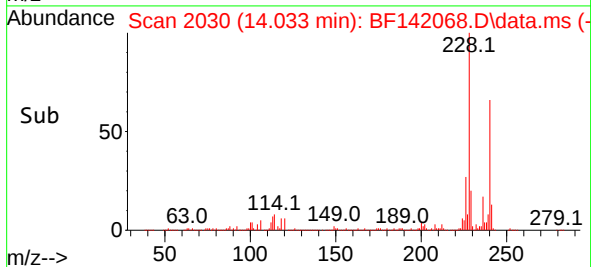
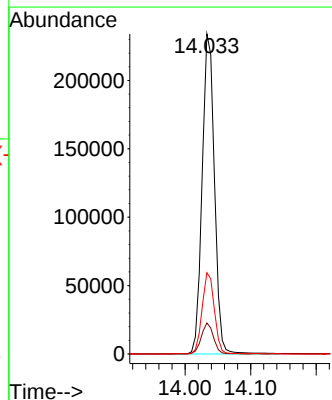
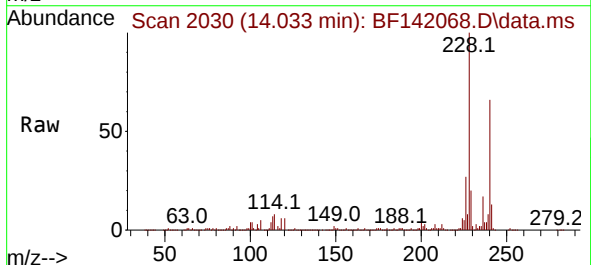
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

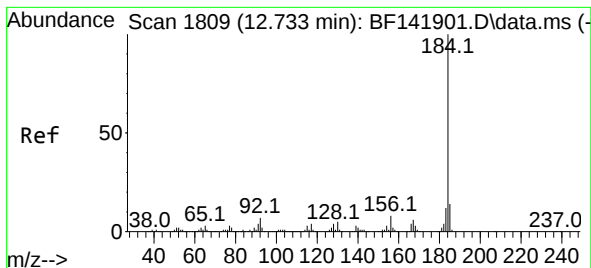
Tgt Ion:202 Resp: 1183190
Ion Ratio Lower Upper
202 100
101 9.4 0.0 29.7
203 18.0 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF142068.D
Acq: 25 Mar 2025 10:09

Tgt Ion:240 Resp: 306767
Ion Ratio Lower Upper
240 100
120 9.7 8.4 12.6
236 25.4 20.5 30.7





#77

Benzidine

Concen: 30.520 ng

RT: 12.733 min Scan# 1809

Delta R.T. 0.000 min

Lab File: BF142068.D

Acq: 25 Mar 2025 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

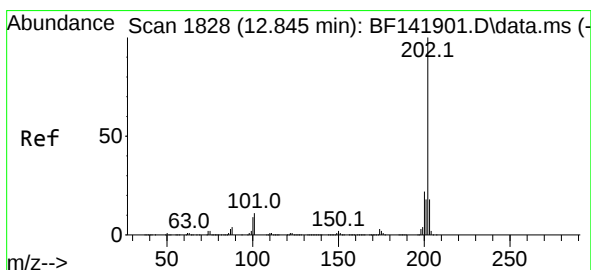
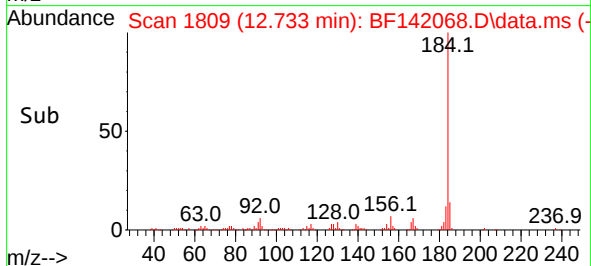
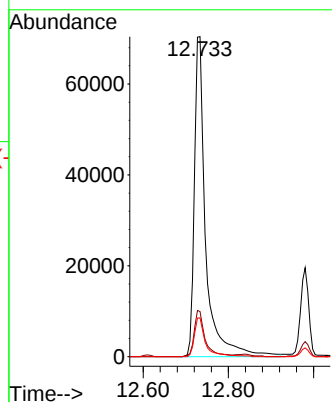
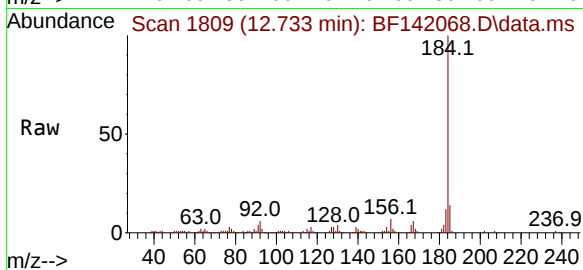
Tgt Ion:184 Resp: 130623

Ion Ratio Lower Upper

184 100

185 14.1 11.5 17.3

183 12.1 9.7 14.5



#78

Pyrene

Concen: 43.425 ng

RT: 12.839 min Scan# 1827

Delta R.T. -0.006 min

Lab File: BF142068.D

Acq: 25 Mar 2025 10:09

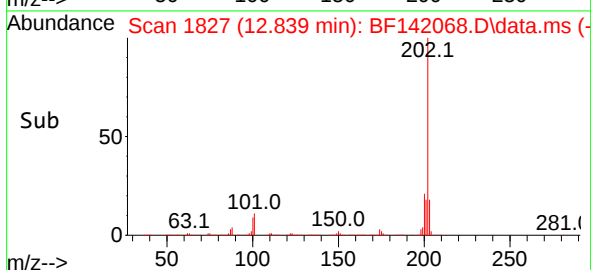
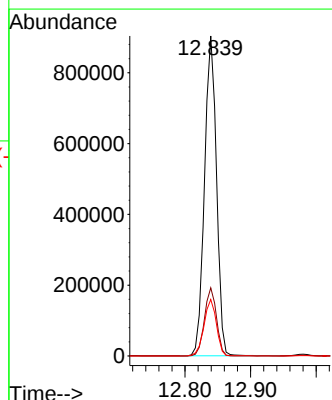
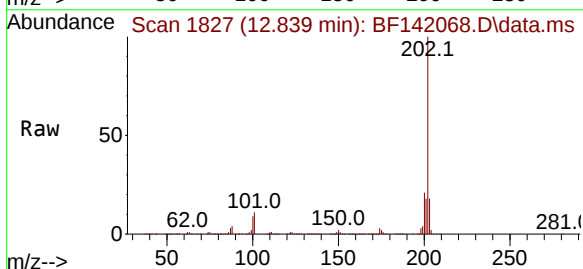
Tgt Ion:202 Resp: 1152300

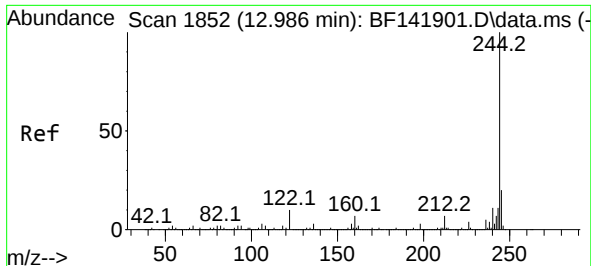
Ion Ratio Lower Upper

202 100

200 21.3 17.3 25.9

203 17.6 14.4 21.6

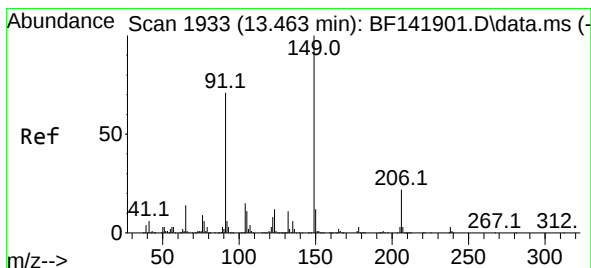
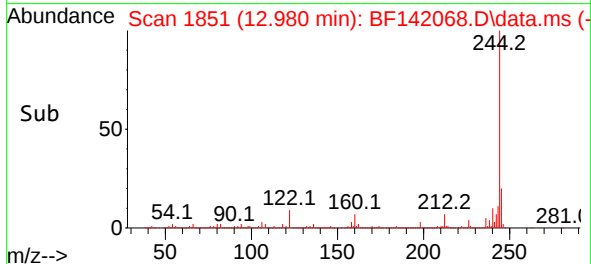
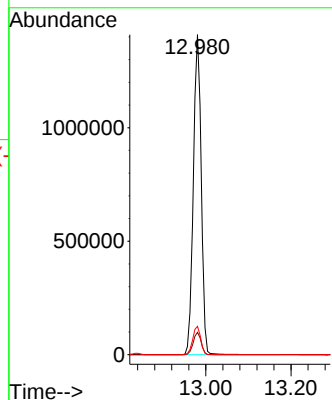
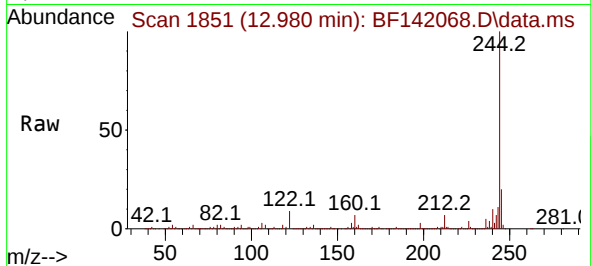




#79
 Terphenyl-d14
 Concen: 87.126 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF142068.D
 Acq: 25 Mar 2025 10:09

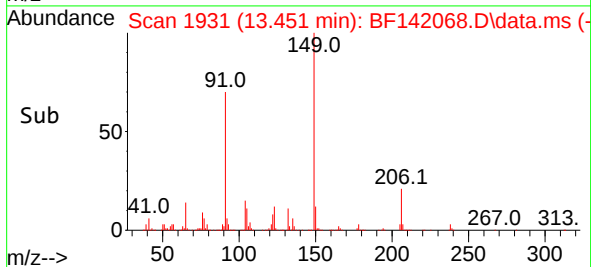
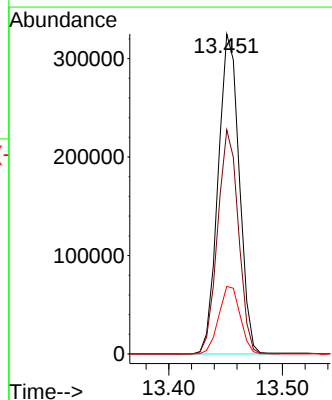
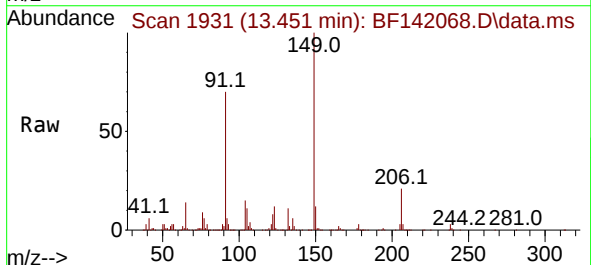
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

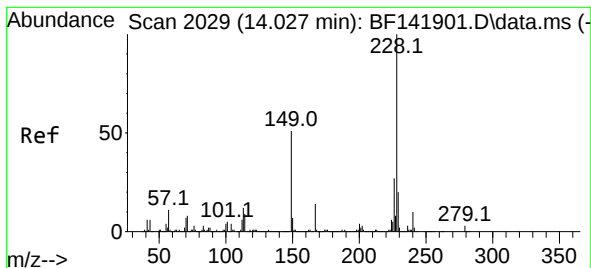
Tgt Ion:244 Resp: 1807796
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 8.8 7.7 11.5



#80
 Butylbenzylphthalate
 Concen: 40.382 ng
 RT: 13.451 min Scan# 1931
 Delta R.T. -0.012 min
 Lab File: BF142068.D
 Acq: 25 Mar 2025 10:09

Tgt Ion:149 Resp: 419411
 Ion Ratio Lower Upper
 149 100
 91 70.1 56.5 84.7
 206 21.1 17.3 25.9





#81

Benzo(a)anthracene

Concen: 38.898 ng

RT: 14.027 min Scan# 2029

Delta R.T. 0.000 min

Lab File: BF142068.D

Acq: 25 Mar 2025 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

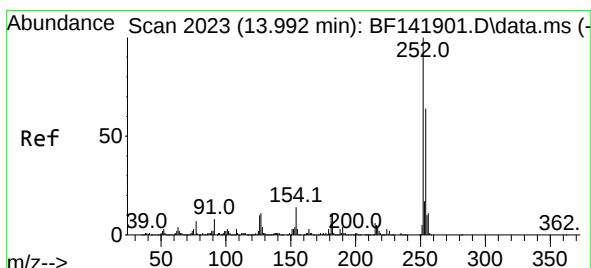
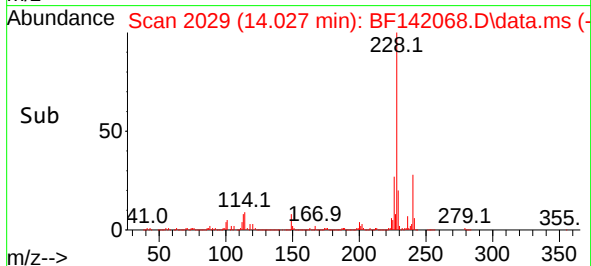
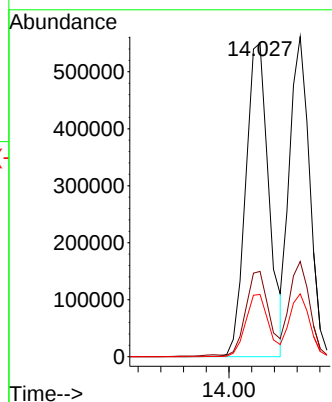
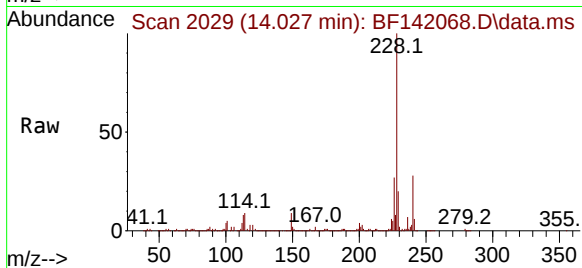
Tgt Ion:228 Resp: 783015

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.8

229 19.9 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 39.666 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF142068.D

Acq: 25 Mar 2025 10:09

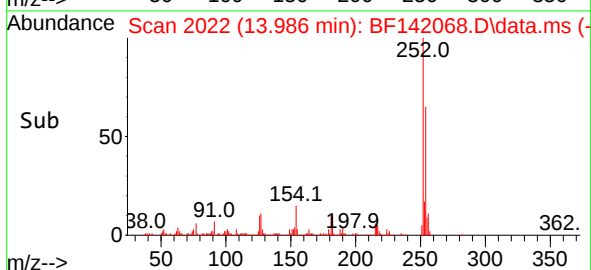
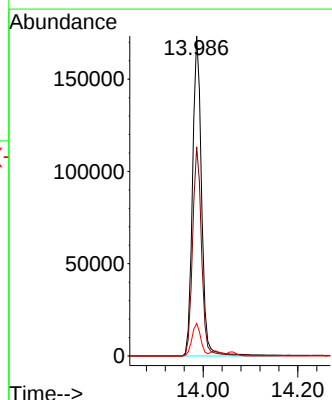
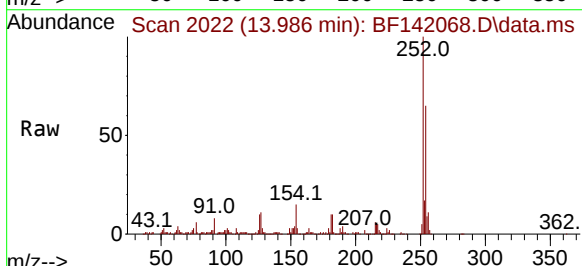
Tgt Ion:252 Resp: 230748

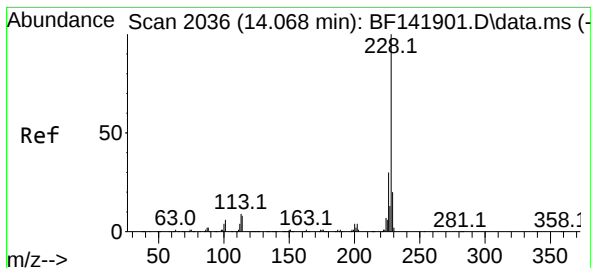
Ion Ratio Lower Upper

252 100

254 65.3 51.0 76.6

126 10.1 8.4 12.6





#83

Chrysene

Concen: 37.994 ng

RT: 14.063 min Scan# 2035

Delta R.T. -0.006 min

Lab File: BF142068.D

Acq: 25 Mar 2025 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

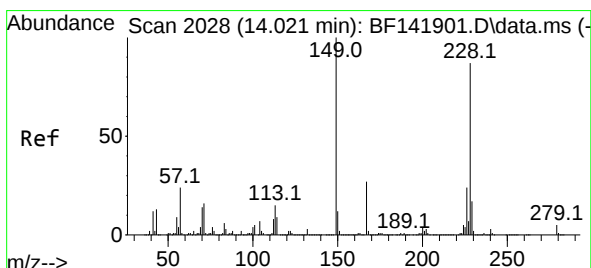
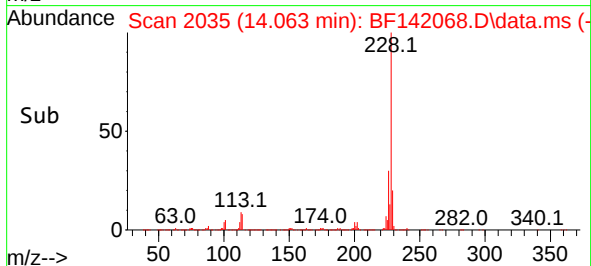
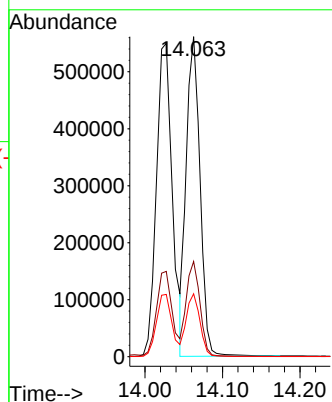
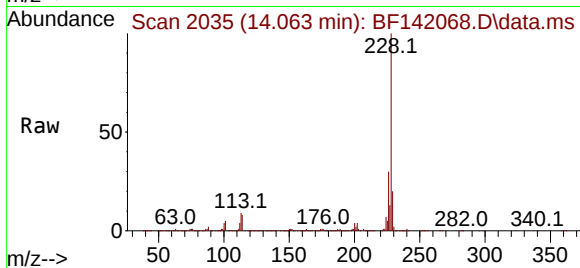
Tgt Ion:228 Resp: 693294

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: 37.936 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.012 min

Lab File: BF142068.D

Acq: 25 Mar 2025 10:09

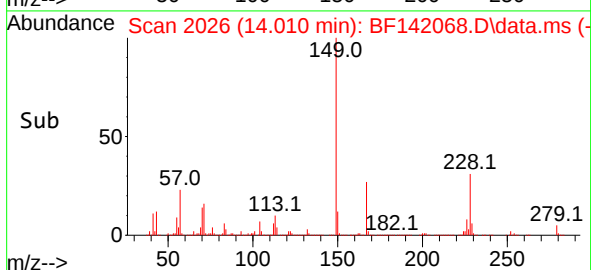
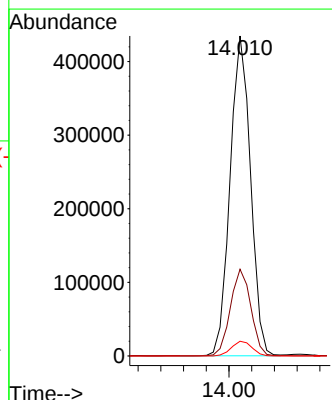
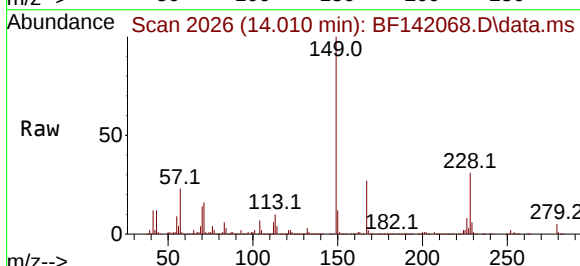
Tgt Ion:149 Resp: 543249

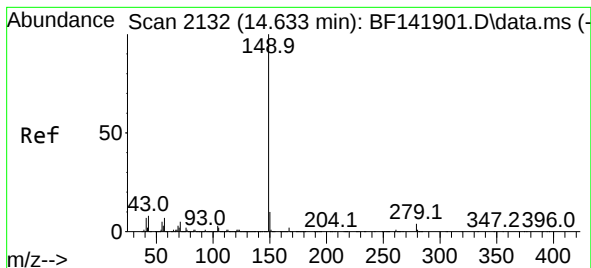
Ion Ratio Lower Upper

149 100

167 27.1 21.4 32.0

279 4.6 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 38.714 ng

RT: 14.621 min Scan# 2132

Delta R.T. -0.012 min

Lab File: BF142068.D

Acq: 25 Mar 2025 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

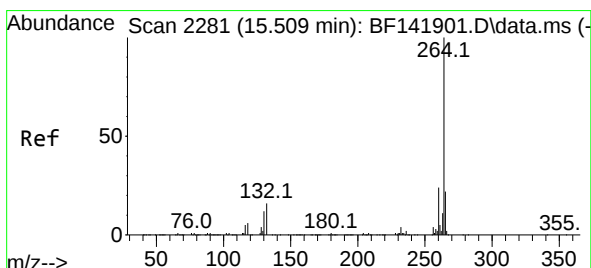
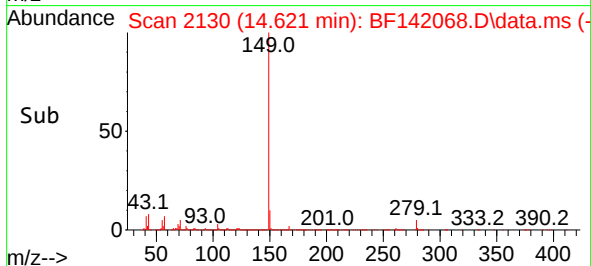
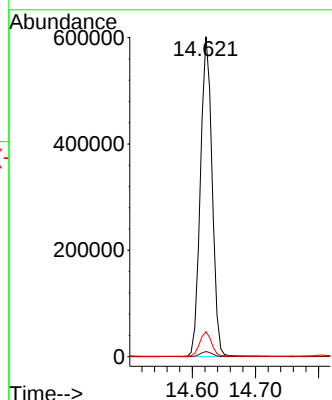
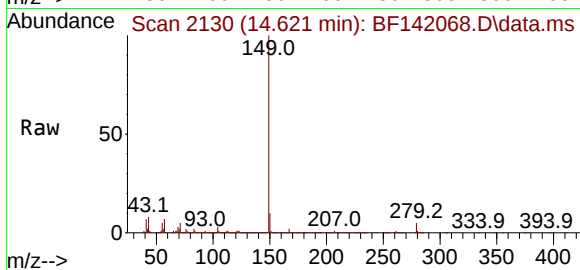
Tgt Ion:149 Resp: 771392

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.9 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: BF142068.D

Acq: 25 Mar 2025 10:09

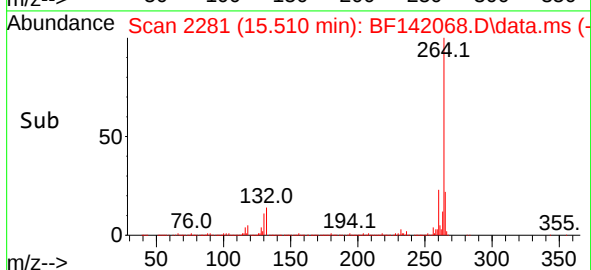
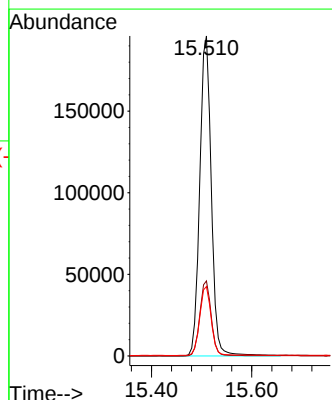
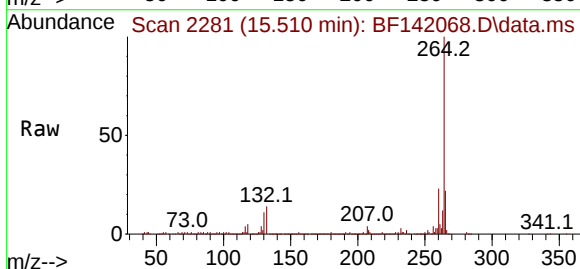
Tgt Ion:264 Resp: 312865

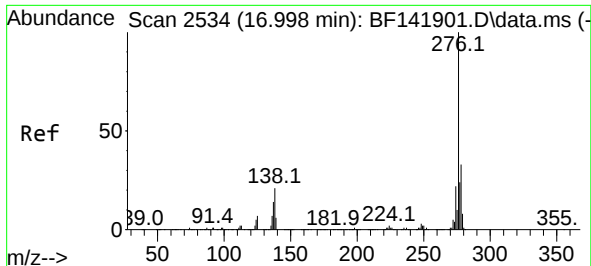
Ion Ratio Lower Upper

264 100

260 23.5 19.1 28.7

265 21.7 17.5 26.3

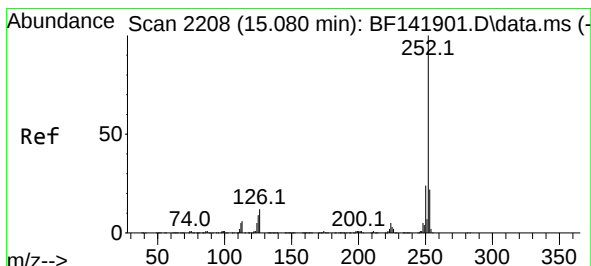
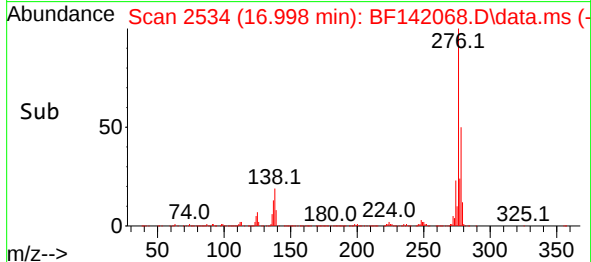
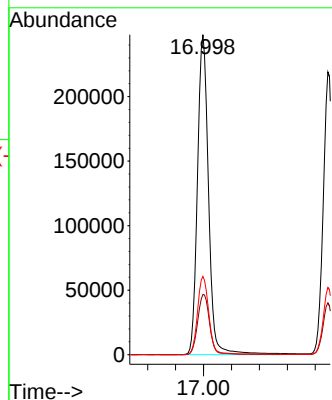
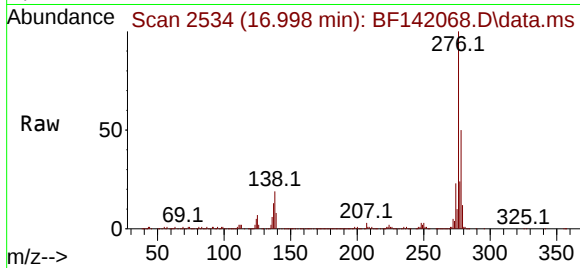




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 33.697 ng
 RT: 16.998 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF142068.D
 Acq: 25 Mar 2025 10:09

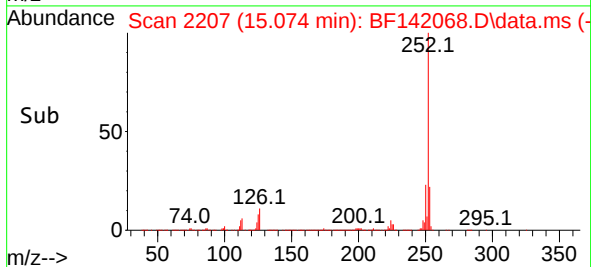
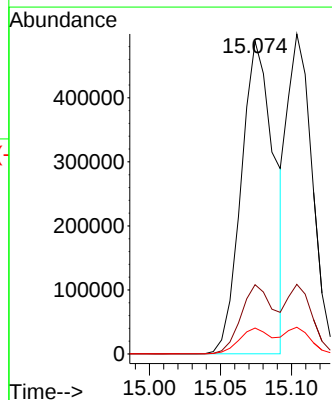
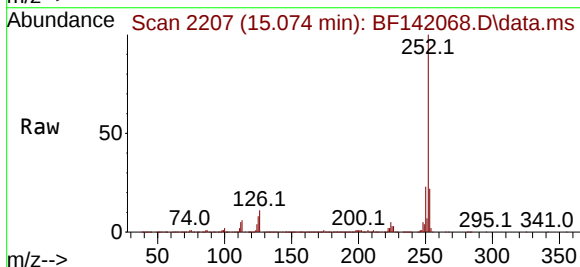
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

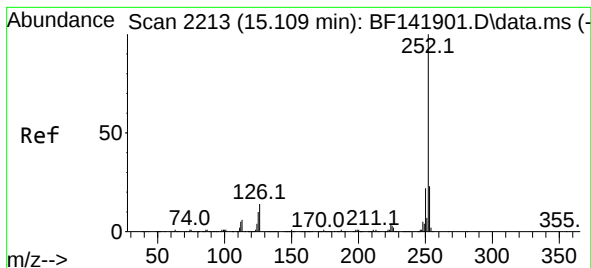
Tgt Ion:276 Resp: 681983
 Ion Ratio Lower Upper
 276 100
 138 20.3 18.4 27.6
 277 24.9 20.3 30.5



#88
 Benzo(b)fluoranthene
 Concen: 36.845 ng
 RT: 15.074 min Scan# 2207
 Delta R.T. -0.006 min
 Lab File: BF142068.D
 Acq: 25 Mar 2025 10:09

Tgt Ion:252 Resp: 790046
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.5 26.3
 125 8.3 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 33.853 ng

RT: 15.104 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142068.D

Acq: 25 Mar 2025 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

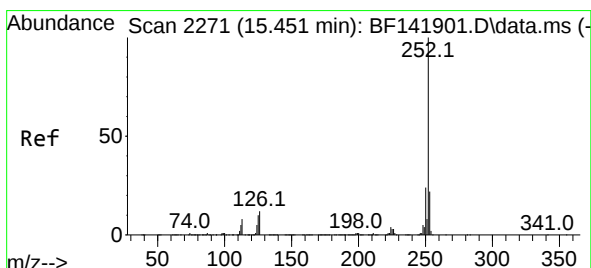
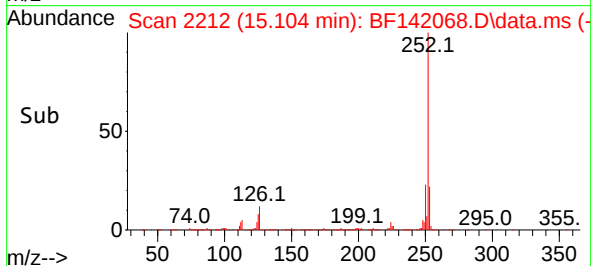
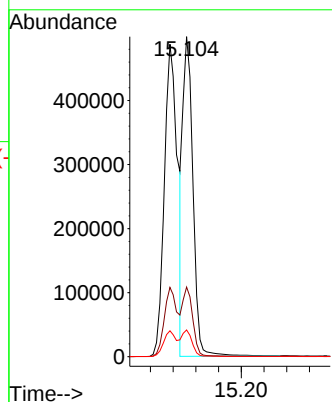
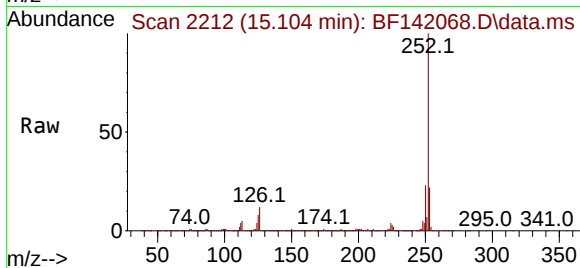
Tgt Ion:252 Resp: 621193

Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 8.4 7.2 10.8



#90

Benzo(a)pyrene

Concen: 37.217 ng

RT: 15.445 min Scan# 2270

Delta R.T. -0.006 min

Lab File: BF142068.D

Acq: 25 Mar 2025 10:09

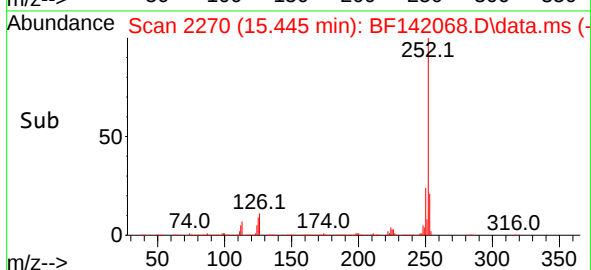
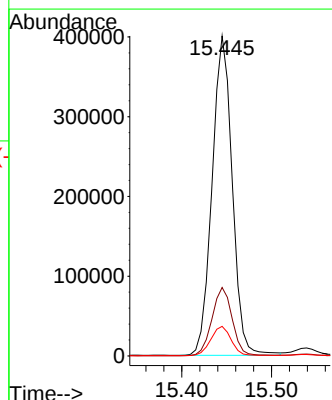
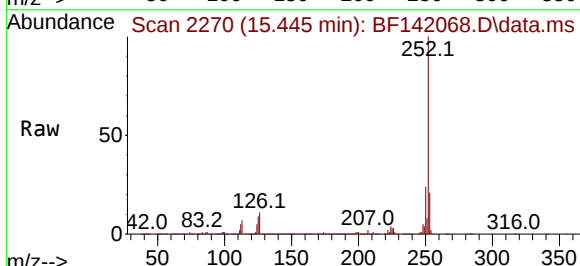
Tgt Ion:252 Resp: 624421

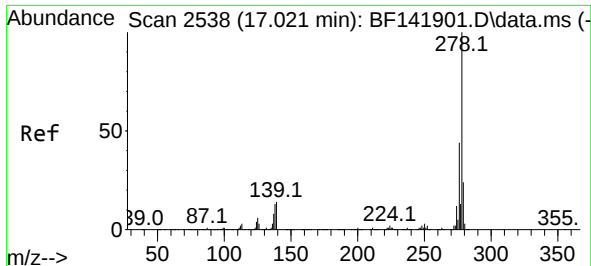
Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.0

125 9.2 7.8 11.8

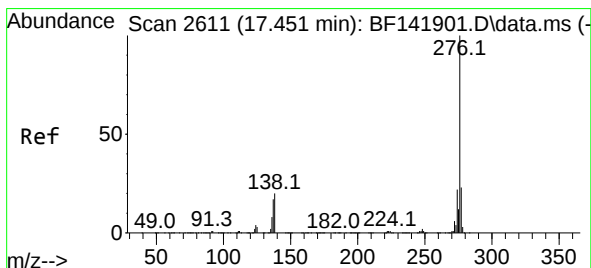
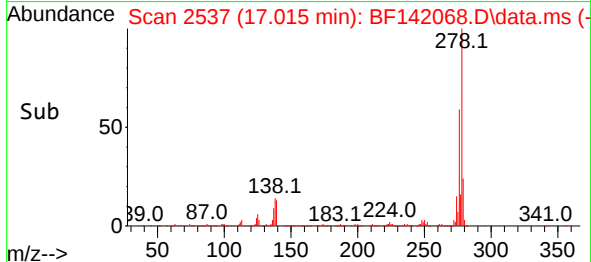
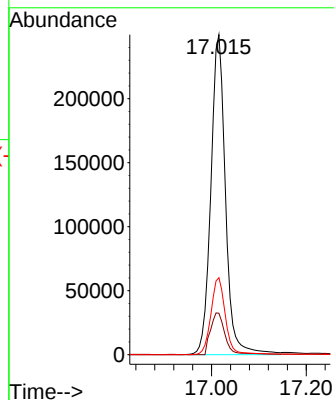
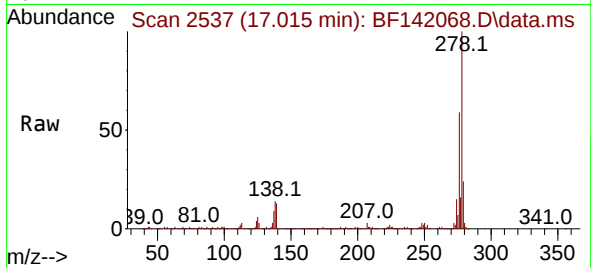




#91
Dibenzo(a,h)anthracene
Concen: 32.159 ng
RT: 17.015 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142068.D
Acq: 25 Mar 2025 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 537010
Ion Ratio Lower Upper
278 100
139 13.0 11.4 17.2
279 24.0 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 32.505 ng
RT: 17.445 min Scan# 2610
Delta R.T. -0.006 min
Lab File: BF142068.D
Acq: 25 Mar 2025 10:09

Tgt Ion:276 Resp: 536380
Ion Ratio Lower Upper
276 100
277 23.8 18.7 28.1
138 18.4 15.8 23.8

