

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032025\
 Data File : BF142009.D
 Acq On : 20 Mar 2025 14:02
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 20 14:25:52 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	174210	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	633841	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	375978	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	609487	20.000	ng	0.00
76) Chrysene-d12	14.033	240	331845	20.000	ng	0.00
86) Perylene-d12	15.510	264	344730	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	795214	76.183	ng	0.00
7) Phenol-d6	6.498	99	1014391	76.326	ng	0.00
23) Nitrobenzene-d5	7.439	82	915643	81.296	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	377366	79.116	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1837503	74.326	ng	0.00
79) Terphenyl-d14	12.980	244	1789122	79.710	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.640	88	160123	36.611	ng 98
3) Pyridine	3.410	79	384482	35.838	ng 97
4) n-Nitrosodimethylamine	3.357	42	177575	34.723	ng 95
6) Aniline	6.540	93	480355	36.638	ng 100
8) 2-Chlorophenol	6.663	128	435663	37.632	ng 98
9) Benzaldehyde	6.428	77	315524	42.450	ng 98
10) Phenol	6.516	94	533236	38.138	ng 99
11) bis(2-Chloroethyl)ether	6.610	93	379953	36.191	ng 98
12) 1,3-Dichlorobenzene	6.816	146	473338	37.872	ng 99
13) 1,4-Dichlorobenzene	6.892	146	480574	38.003	ng 100
14) 1,2-Dichlorobenzene	7.045	146	466145	39.136	ng 98
15) Benzyl Alcohol	7.016	79	408131	37.986	ng 98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	432470	34.121	ng 99
17) 2-Methylphenol	7.122	107	344734	37.452	ng 99
18) Hexachloroethane	7.387	117	179227	37.795	ng 97
19) n-Nitroso-di-n-propyla...	7.287	70	288850	33.824	ng 99
20) 3+4-Methylphenols	7.275	107	421715	35.769	ng 95
22) Acetophenone	7.287	105	591476	38.967	ng 98
24) Nitrobenzene	7.457	77	448799	40.083	ng 98
25) Isophorone	7.692	82	747664	37.553	ng 100
26) 2-Nitrophenol	7.769	139	242510	44.129	ng 99
27) 2,4-Dimethylphenol	7.804	122	306578	40.515	ng 99
28) bis(2-Chloroethoxy)met...	7.904	93	457533	36.640	ng 99
29) 2,4-Dichlorophenol	8.010	162	367037	39.078	ng 99
30) 1,2,4-Trichlorobenzene	8.098	180	406473	39.270	ng 100
31) Naphthalene	8.181	128	1252345	38.463	ng 100
32) Benzoic acid	7.916	122	283781	42.663	ng 97
33) 4-Chloroaniline	8.228	127	423218	36.821	ng 98
34) Hexachlorobutadiene	8.292	225	271225	40.180	ng 99
35) Caprolactam	8.592	113	104858	36.619	ng 94
36) 4-Chloro-3-methylphenol	8.704	107	403914	38.551	ng 98
37) 2-Methylnaphthalene	8.869	142	841947	38.687	ng 100
38) 1-Methylnaphthalene	8.969	142	810126	38.575	ng 100
40) 1,2,4,5-Tetrachloroben...	9.034	216	437016	38.177	ng 99
41) Hexachlorocyclopentadiene	9.022	237	161809	36.119	ng 99
43) 2,4,6-Trichlorophenol	9.145	196	278255	37.195	ng 100

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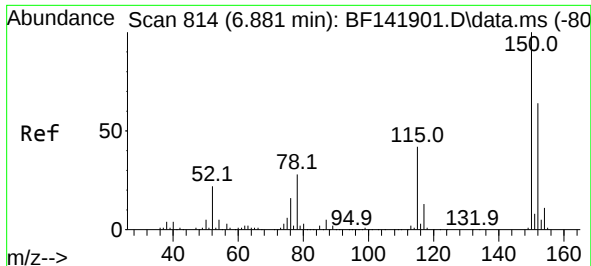
Quant Time: Mar 20 14:25:52 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	289627	38.225	ng	100
46) 1,1'-Biphenyl	9.334	154	1070585	37.476	ng	99
47) 2-Chloronaphthalene	9.357	162	802605	37.694	ng	99
48) 2-Nitroaniline	9.451	65	228580	37.076	ng	97
49) Acenaphthylene	9.775	152	1193309	37.766	ng	100
50) Dimethylphthalate	9.633	163	982363	37.311	ng	100
51) 2,6-Dinitrotoluene	9.692	165	213128	38.878	ng	95
52) Acenaphthene	9.945	154	845469	38.075	ng	100
53) 3-Nitroaniline	9.863	138	201338	36.207	ng	98
54) 2,4-Dinitrophenol	9.969	184	112821	39.819	ng	# 49
55) Dibenzofuran	10.116	168	1152309	36.318	ng	99
56) 4-Nitrophenol	10.016	139	153977	36.718	ng	96
57) 2,4-Dinitrotoluene	10.098	165	271777	37.958	ng	96
58) Fluorene	10.463	166	885580	36.193	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	257552	37.355	ng	97
60) Diethylphthalate	10.328	149	920670	35.069	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	464099	36.381	ng	98
62) 4-Nitroaniline	10.475	138	186354	34.423	ng	98
63) Azobenzene	10.610	77	857824	35.145	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	155006	42.661	ng	96
66) n-Nitrosodiphenylamine	10.569	169	756211	38.341	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	302413	39.508	ng	99
68) Hexachlorobenzene	11.010	284	340629	40.574	ng	94
69) Atrazine	11.092	200	208608	34.501	ng	99
70) Pentachlorophenol	11.198	266	213029	41.185	ng	99
71) Phenanthrene	11.422	178	1276201	38.766	ng	99
72) Anthracene	11.475	178	1284752	38.899	ng	100
73) Carbazole	11.627	167	1038646	36.465	ng	100
74) Di-n-butylphthalate	11.957	149	1315289	34.801	ng	99
75) Fluoranthene	12.610	202	1165163	33.366	ng	99
77) Benzidine	12.727	184	195903	42.313	ng	99
78) Pyrene	12.839	202	1162798	40.509	ng	99
80) Butylbenzylphthalate	13.457	149	433441	38.579	ng	96
81) Benzo(a)anthracene	14.027	228	865480	39.745	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	256321	40.732	ng	99
83) Chrysene	14.063	228	753628	38.180	ng	99
84) Bis(2-ethylhexyl)phtha...	14.016	149	591083	38.157	ng	99
85) Di-n-octyl phthalate	14.627	149	896460	41.591	ng	98
87) Indeno(1,2,3-cd)pyrene	16.998	276	723801	32.457	ng	97
88) Benzo(b)fluoranthene	15.074	252	854447	36.165	ng	100
89) Benzo(k)fluoranthene	15.104	252	687007	33.979	ng	100
90) Benzo(a)pyrene	15.445	252	693901	37.535	ng	99
91) Dibenzo(a,h)anthracene	17.015	278	588175	31.967	ng	98
92) Benzo(g,h,i)perylene	17.445	276	591084	32.509	ng	98

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

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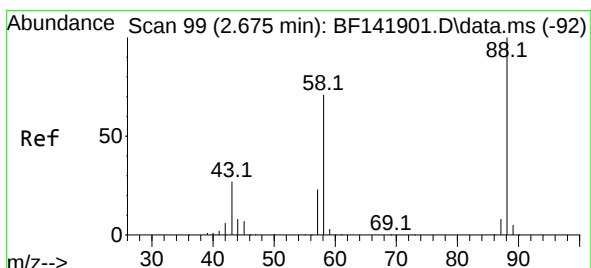
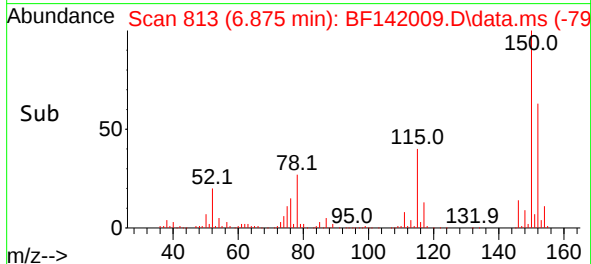
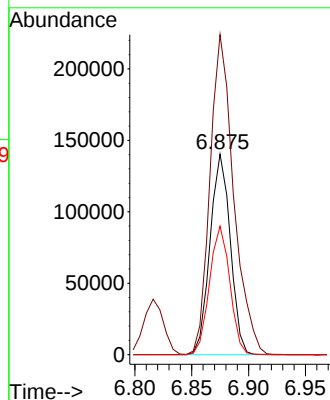
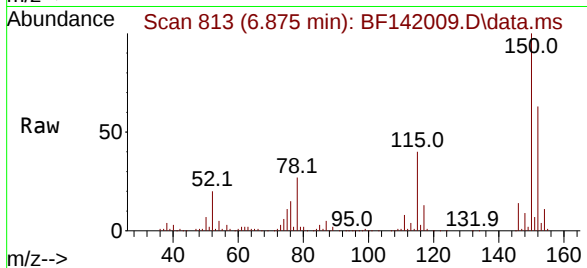




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF142009.D
 Acq: 20 Mar 2025 14:02

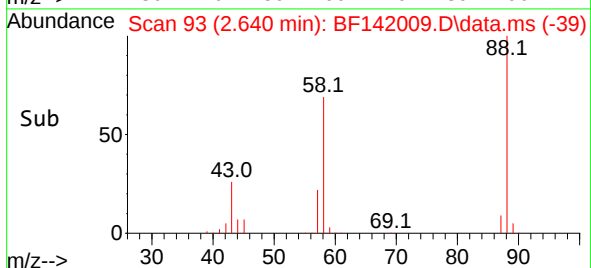
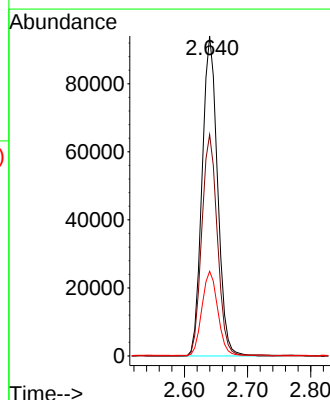
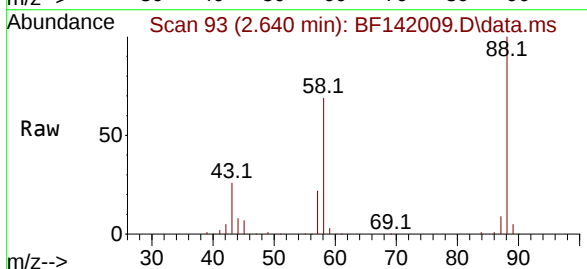
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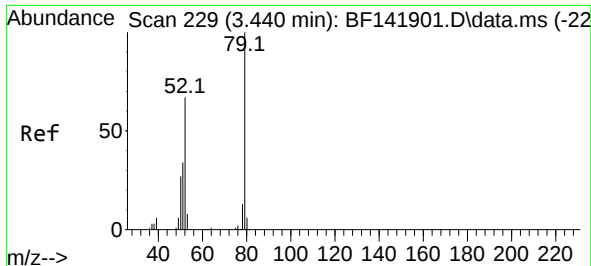
Tgt Ion:152 Resp: 174210
 Ion Ratio Lower Upper
 152 100
 150 159.7 127.4 191.2
 115 64.1 51.9 77.9



#2
 1,4-Dioxane
 Concen: 36.611 ng
 RT: 2.640 min Scan# 93
 Delta R.T. -0.035 min
 Lab File: BF142009.D
 Acq: 20 Mar 2025 14:02

Tgt Ion: 88 Resp: 160123
 Ion Ratio Lower Upper
 88 100
 58 69.4 57.4 86.2
 43 26.6 21.5 32.3





#3

Pyridine

Concen: 35.838 ng

RT: 3.410 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF142009.D

Acq: 20 Mar 2025 14:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

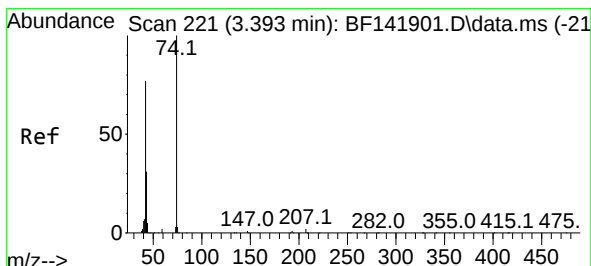
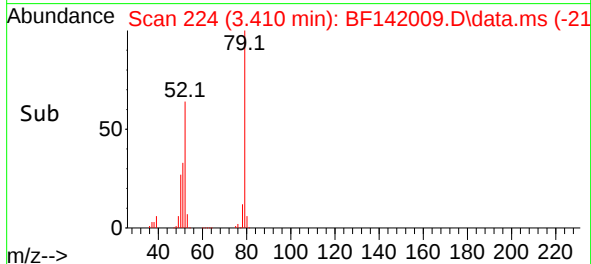
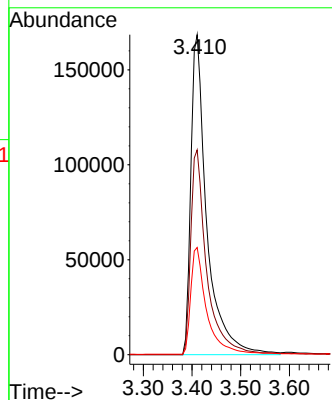
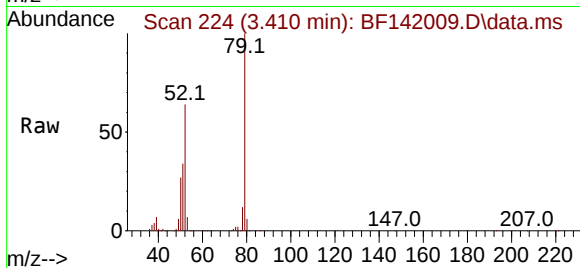
Tgt Ion: 79 Resp: 384482

Ion Ratio Lower Upper

79 100

52 64.0 53.3 79.9

51 33.5 27.6 41.4



#4

n-Nitrosodimethylamine

Concen: 34.723 ng

RT: 3.357 min Scan# 215

Delta R.T. -0.035 min

Lab File: BF142009.D

Acq: 20 Mar 2025 14:02

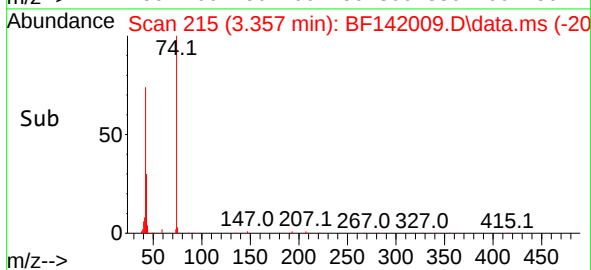
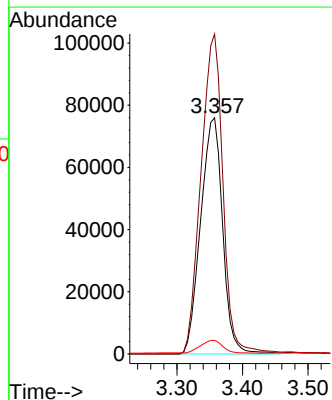
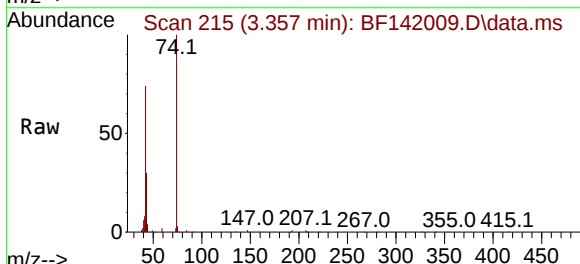
Tgt Ion: 42 Resp: 177575

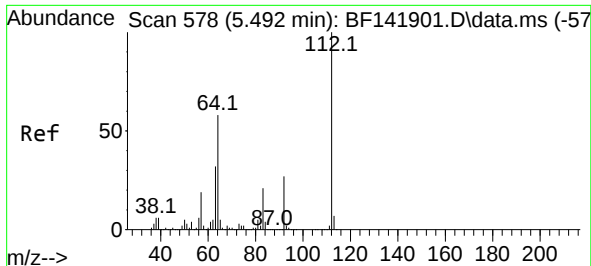
Ion Ratio Lower Upper

42 100

74 135.5 103.4 155.0

44 5.8 5.0 7.4

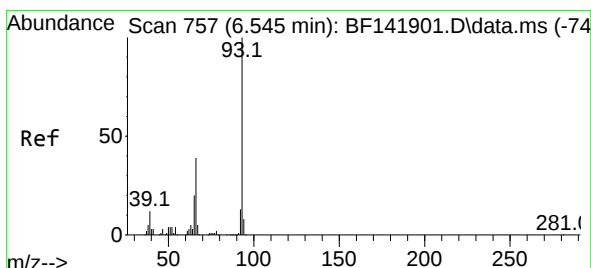
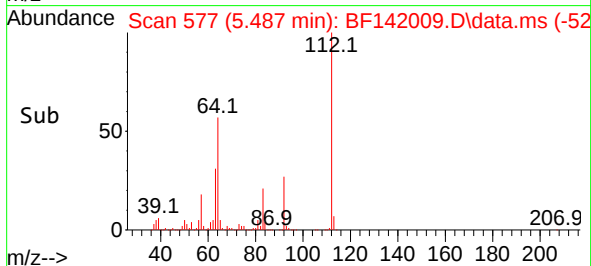
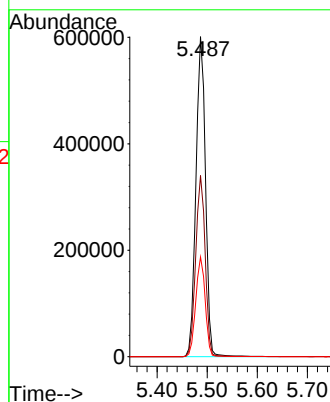
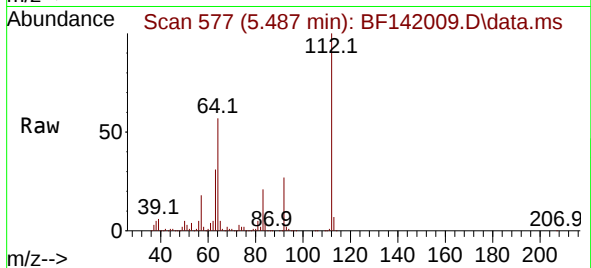




#5
2-Fluorophenol
Concen: 76.183 ng
RT: 5.487 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF142009.D
Acq: 20 Mar 2025 14:02

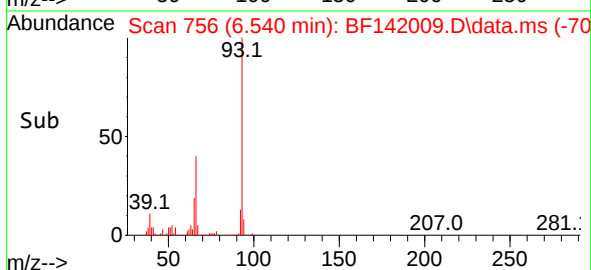
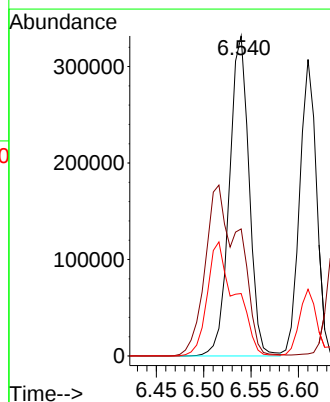
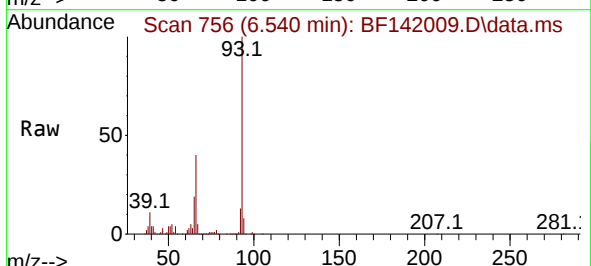
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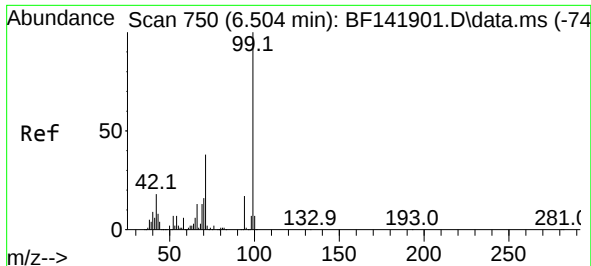
Tgt Ion:112 Resp: 795214
Ion Ratio Lower Upper
112 100
64 56.6 46.5 69.7
63 31.2 25.4 38.2



#6
Aniline
Concen: 36.638 ng
RT: 6.540 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF142009.D
Acq: 20 Mar 2025 14:02

Tgt Ion: 93 Resp: 480355
Ion Ratio Lower Upper
93 100
66 39.7 31.9 47.9
65 19.5 15.8 23.6

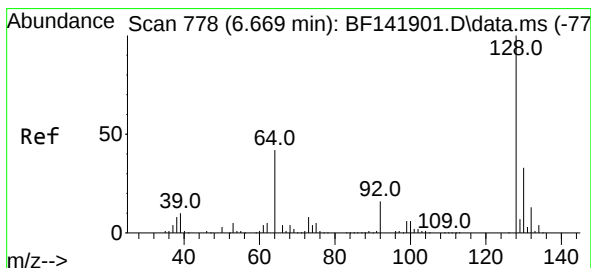
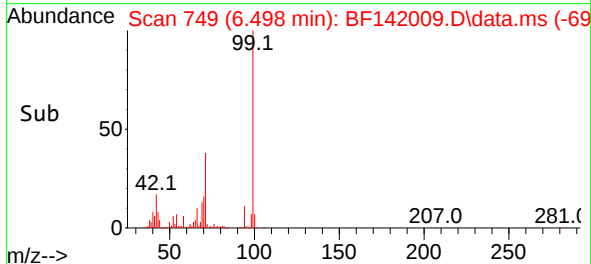
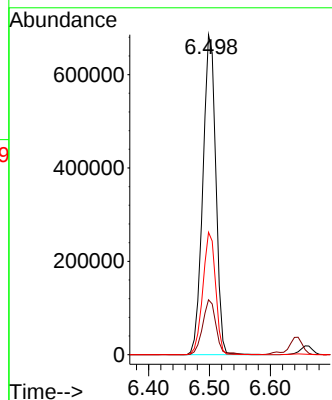
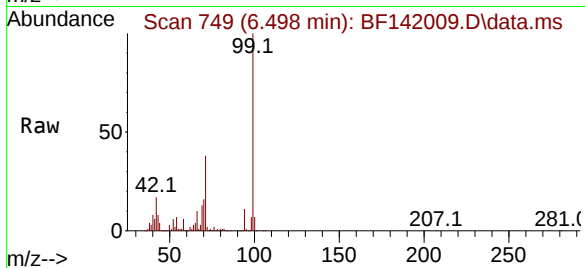




#7
Phenol-d6
Concen: 76.326 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF142009.D
Acq: 20 Mar 2025 14:02

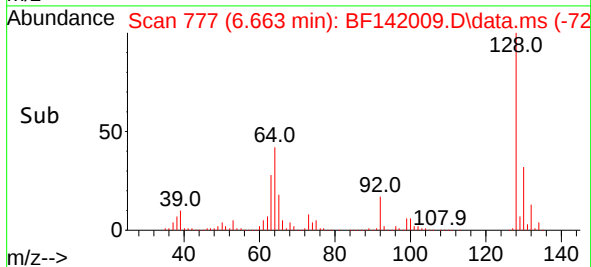
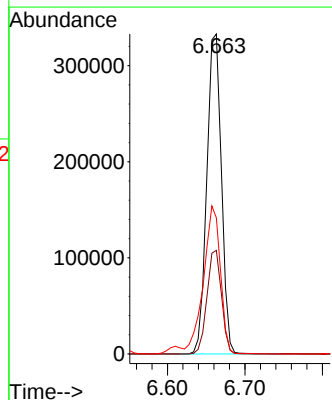
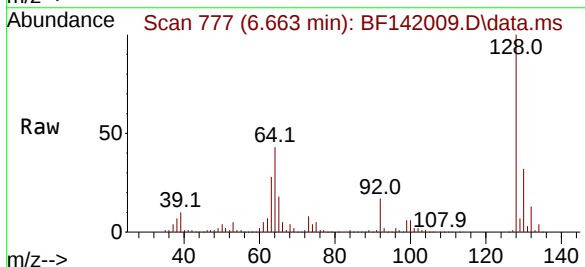
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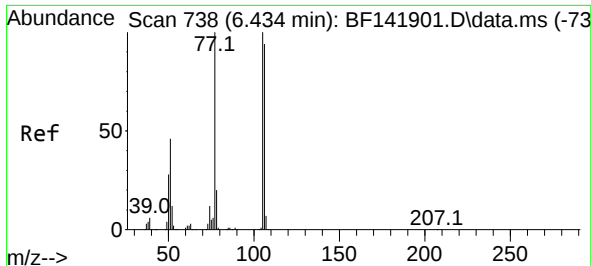
Tgt Ion: 99 Resp: 1014391
Ion Ratio Lower Upper
99 100
42 17.1 14.6 21.8
71 38.2 30.8 46.2



#8
2-Chlorophenol
Concen: 37.632 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.006 min
Lab File: BF142009.D
Acq: 20 Mar 2025 14:02

Tgt Ion: 128 Resp: 435663
Ion Ratio Lower Upper
128 100
130 32.3 12.8 52.8
64 42.6 24.4 64.4

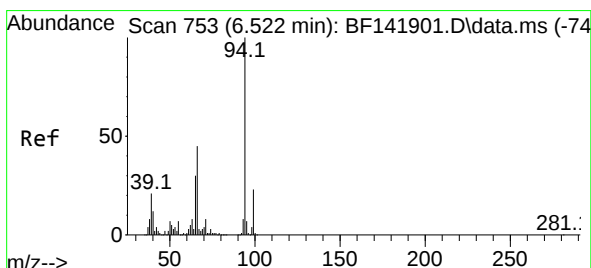
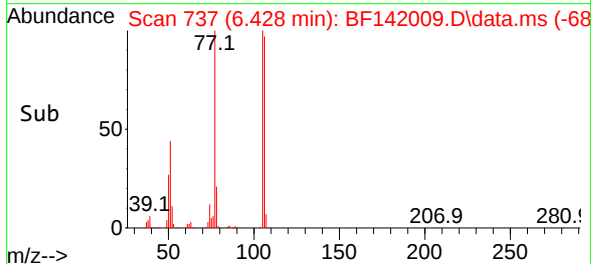
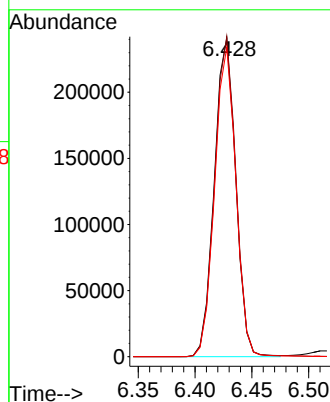
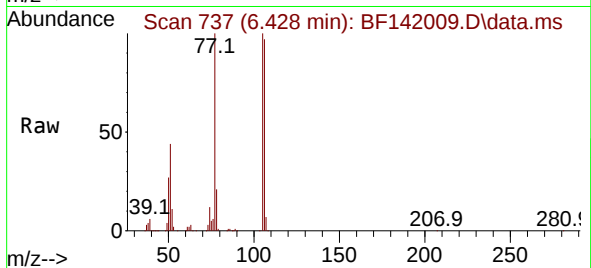




#9
Benzaldehyde
Concen: 42.450 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142009.D
Acq: 20 Mar 2025 14:02

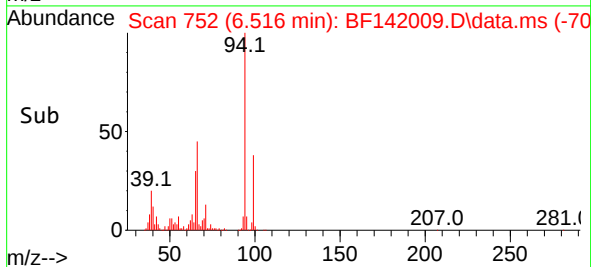
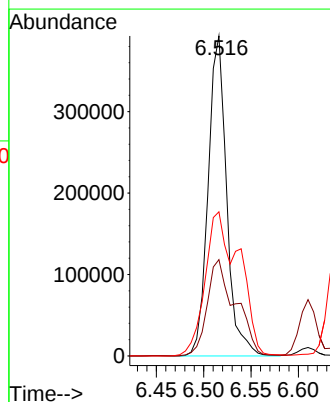
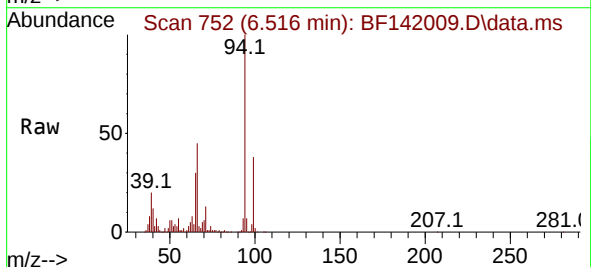
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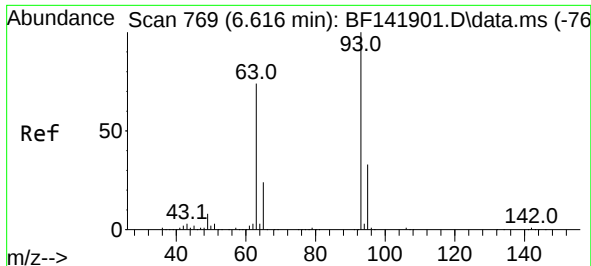
Tgt Ion: 77 Resp: 315524
Ion Ratio Lower Upper
77 100
105 100.5 80.0 120.0
106 97.1 74.5 114.5



#10
Phenol
Concen: 38.138 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF142009.D
Acq: 20 Mar 2025 14:02

Tgt Ion: 94 Resp: 533236
Ion Ratio Lower Upper
94 100
65 30.1 10.5 50.5
66 45.1 25.8 65.8





#11

bis(2-Chloroethyl)ether

Concen: 36.191 ng

RT: 6.610 min Scan# 769

Delta R.T. -0.006 min

Lab File: BF142009.D

Acq: 20 Mar 2025 14:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

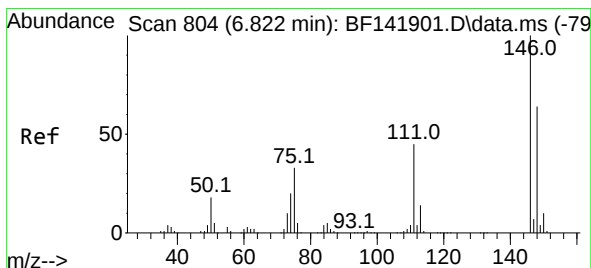
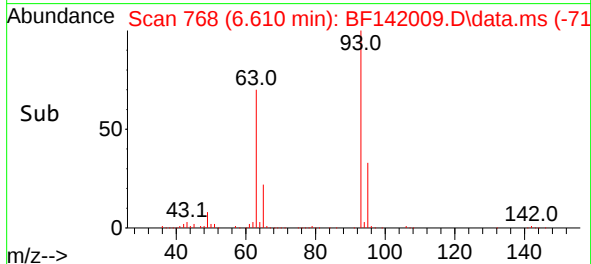
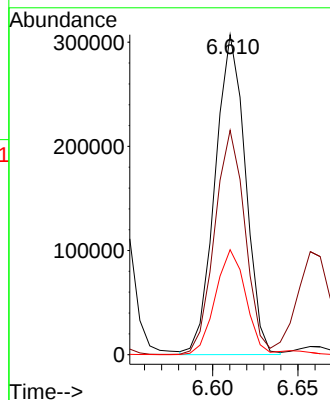
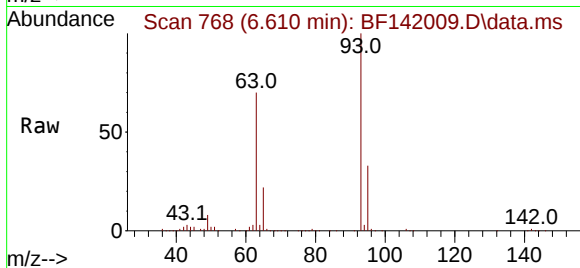
Tgt Ion: 93 Resp: 379953

Ion Ratio Lower Upper

93 100

63 70.1 53.0 93.0

95 32.8 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 37.872 ng

RT: 6.816 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF142009.D

Acq: 20 Mar 2025 14:02

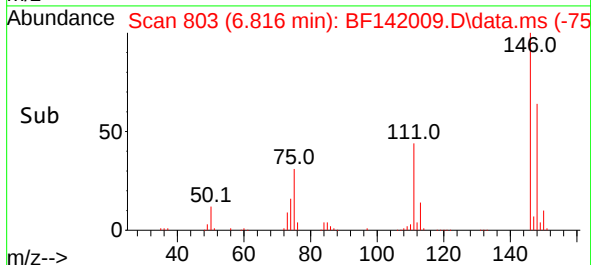
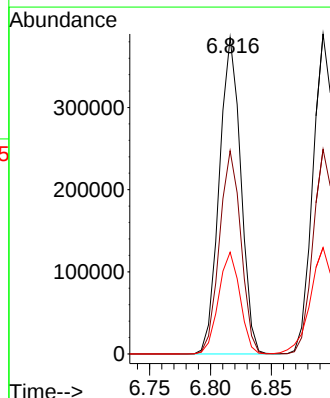
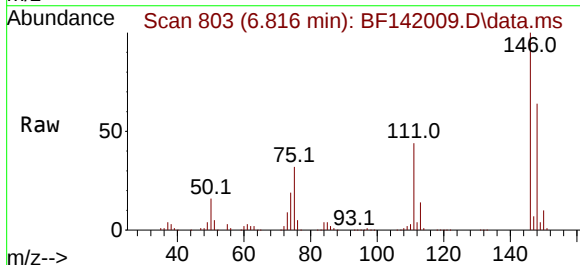
Tgt Ion: 146 Resp: 473338

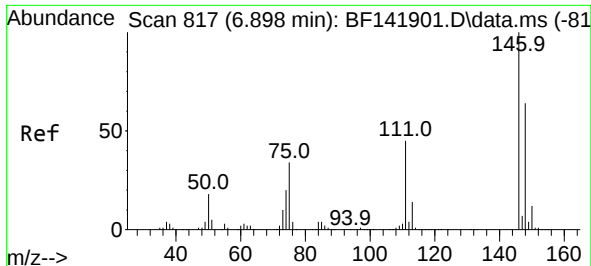
Ion Ratio Lower Upper

146 100

148 64.2 51.3 76.9

75 32.1 26.6 40.0

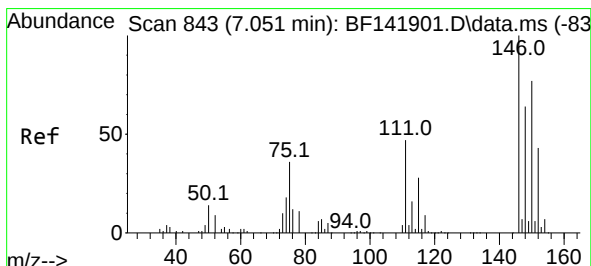
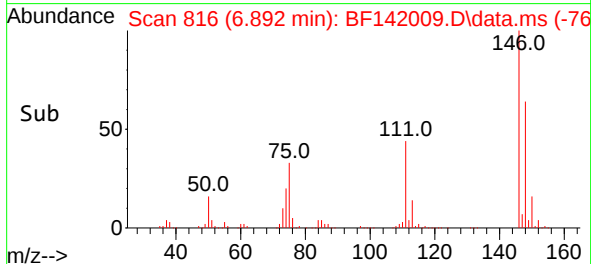
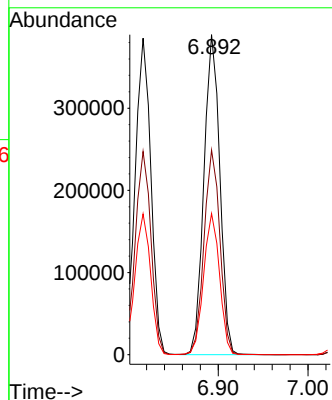
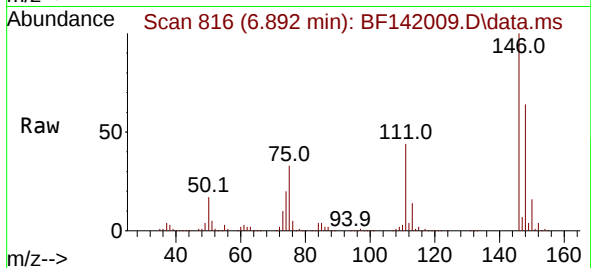




#13
1,4-Dichlorobenzene
Concen: 38.003 ng
RT: 6.892 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142009.D
Acq: 20 Mar 2025 14:02

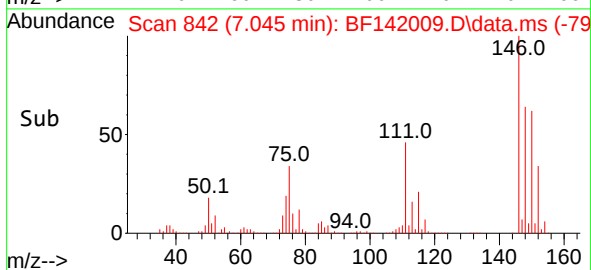
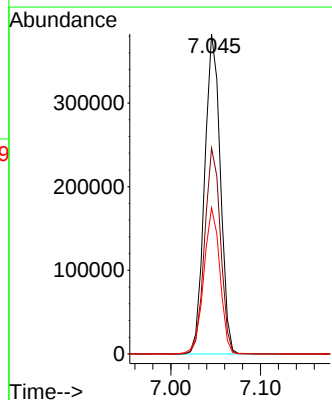
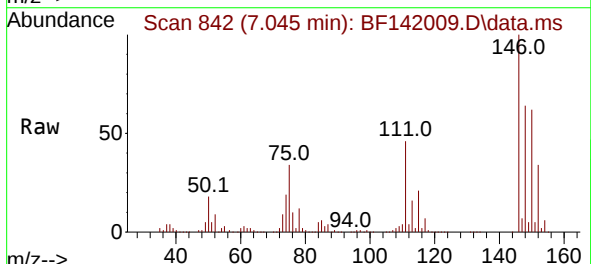
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

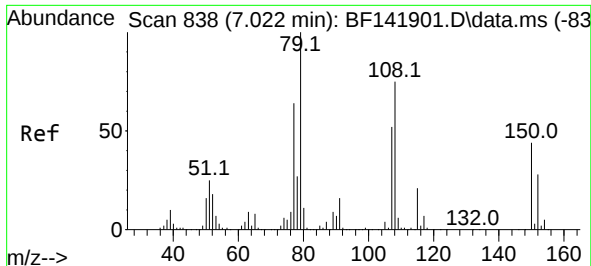
Tgt Ion:146 Resp: 480574
Ion Ratio Lower Upper
146 100
148 64.0 51.0 76.6
111 44.1 35.7 53.5



#14
1,2-Dichlorobenzene
Concen: 39.136 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF142009.D
Acq: 20 Mar 2025 14:02

Tgt Ion:146 Resp: 466145
Ion Ratio Lower Upper
146 100
148 64.3 50.8 76.2
111 45.7 38.0 57.0

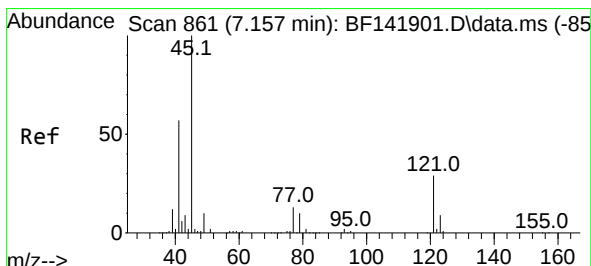
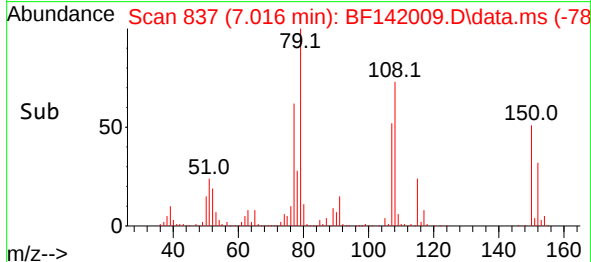
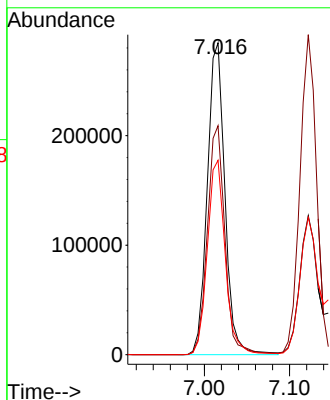
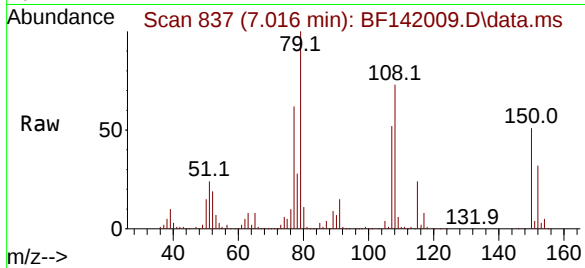




#15
Benzyl Alcohol
Concen: 37.986 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142009.D
Acq: 20 Mar 2025 14:02

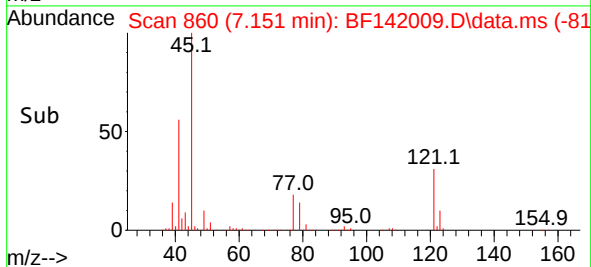
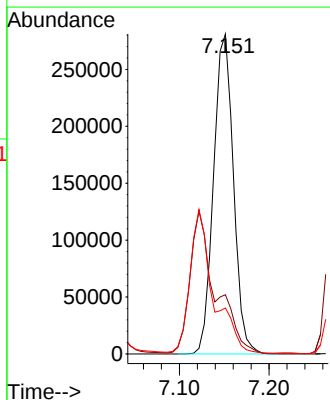
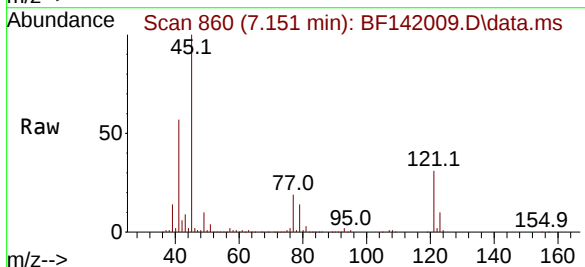
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

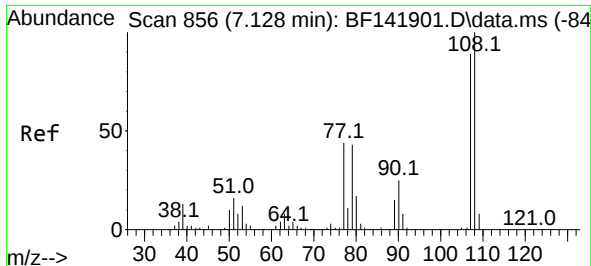
Tgt Ion: 79 Resp: 408131
Ion Ratio Lower Upper
79 100
108 73.4 59.7 89.5
77 62.4 51.0 76.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.121 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.006 min
Lab File: BF142009.D
Acq: 20 Mar 2025 14:02

Tgt Ion: 45 Resp: 432470
Ion Ratio Lower Upper
45 100
77 18.5 0.0 37.8
79 14.4 0.0 34.2



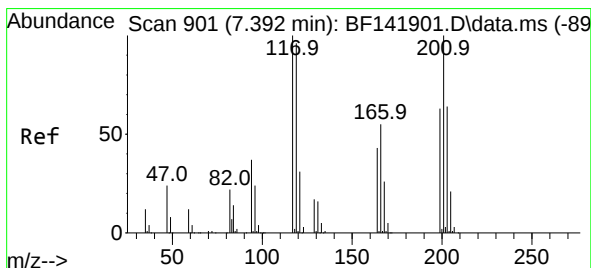
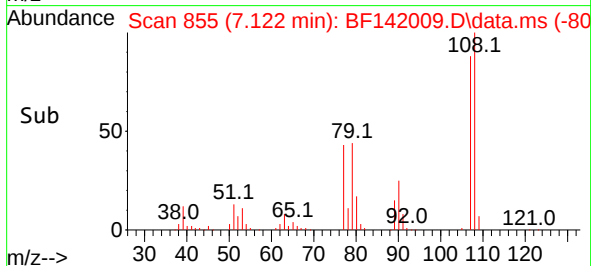
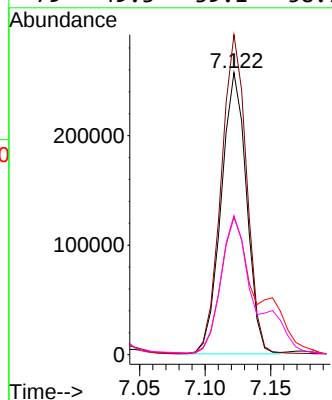
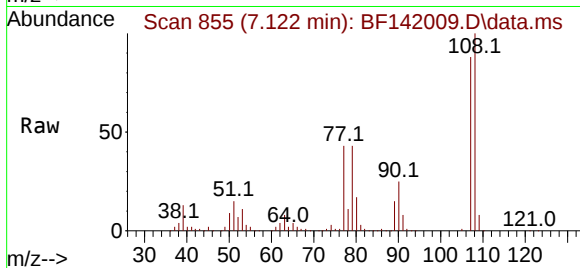


#17
2-Methylphenol
Concen: 37.452 ng
RT: 7.122 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142009.D
Acq: 20 Mar 2025 14:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 344734

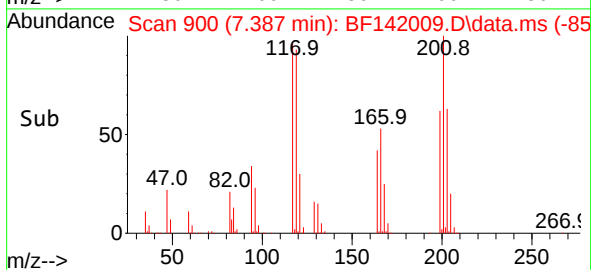
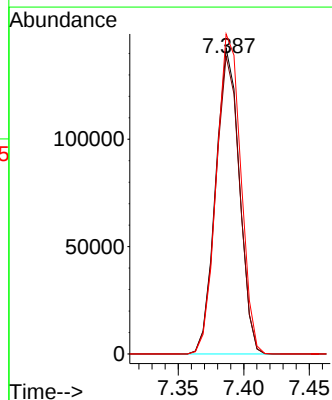
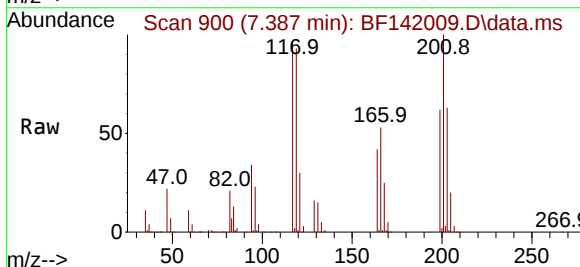
Ion	Ratio	Lower	Upper
107	100		
108	113.4	90.2	135.2
77	48.7	39.6	59.4
79	49.3	39.1	58.7

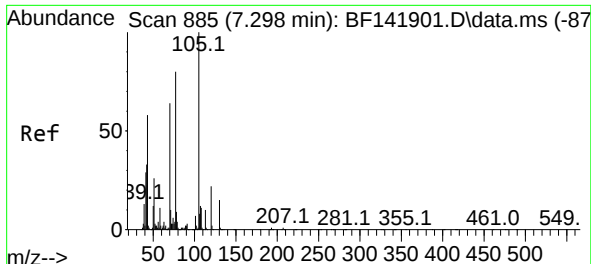


#18
Hexachloroethane
Concen: 37.795 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF142009.D
Acq: 20 Mar 2025 14:02

Tgt Ion:117 Resp: 179227

Ion	Ratio	Lower	Upper
117	100		
119	97.3	76.9	115.3
201	104.7	79.9	119.9

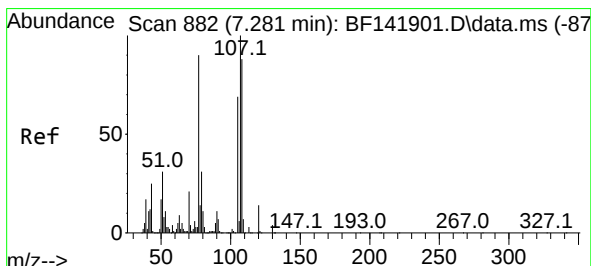
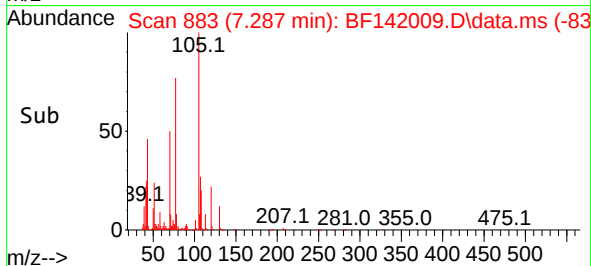
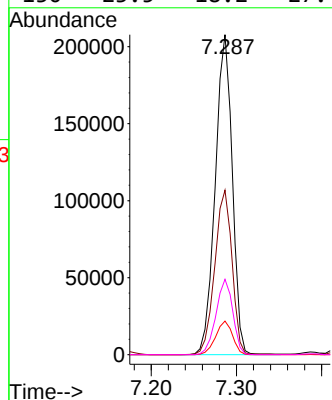
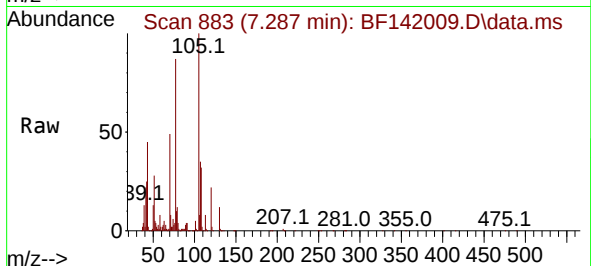




#19
n-Nitroso-di-n-propylamine
Concen: 33.824 ng
RT: 7.287 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF142009.D
Acq: 20 Mar 2025 14:02

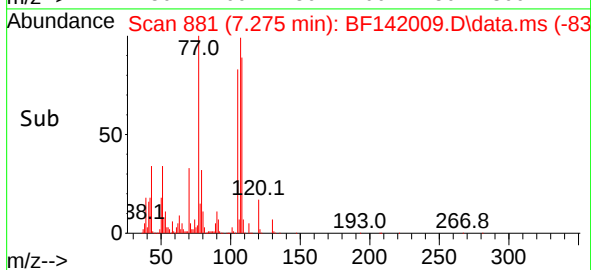
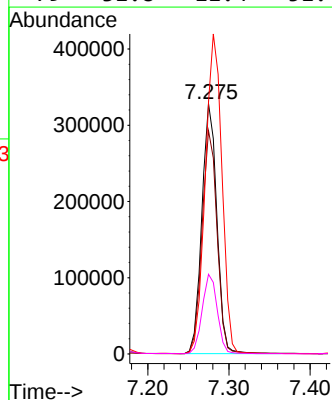
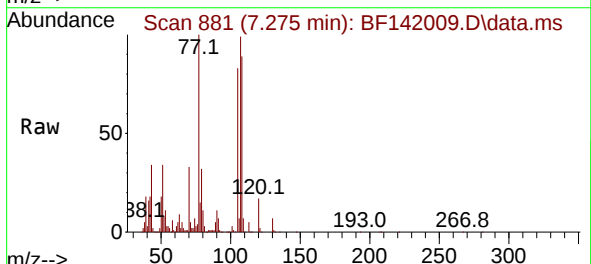
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

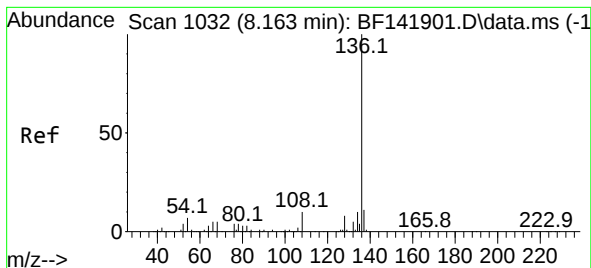
Tgt Ion: 70 Resp: 288850
Ion Ratio Lower Upper
70 100
42 51.4 41.4 62.0
101 10.5 8.2 12.2
130 23.5 18.2 27.4



#20
3+4-Methylphenols
Concen: 35.769 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF142009.D
Acq: 20 Mar 2025 14:02

Tgt Ion: 107 Resp: 421715
Ion Ratio Lower Upper
107 100
108 89.2 68.4 108.4
77 100.6 69.7 109.7
79 31.8 11.4 51.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142009.D

Acq: 20 Mar 2025 14:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 633841

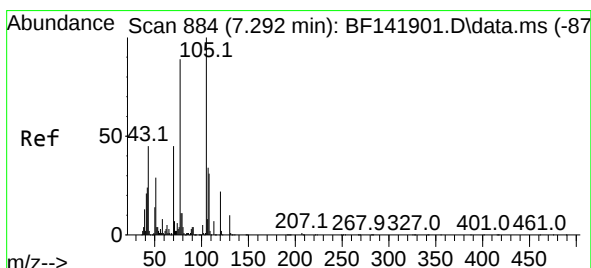
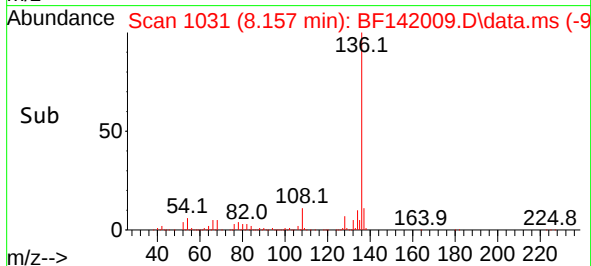
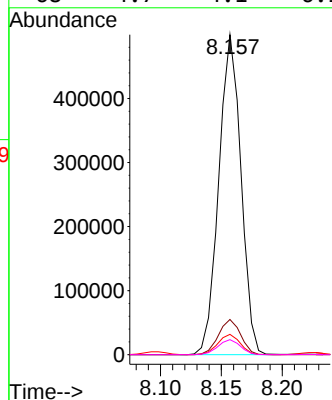
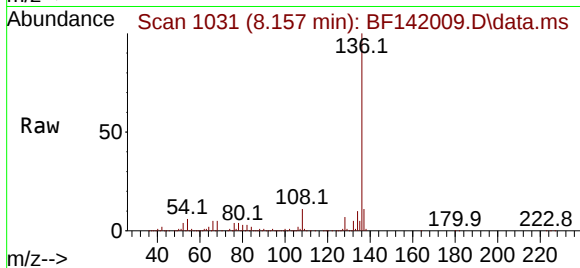
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 6.4 5.8 8.8

68 4.7 4.1 6.1



#22

Acetophenone

Concen: 38.967 ng

RT: 7.287 min Scan# 883

Delta R.T. -0.006 min

Lab File: BF142009.D

Acq: 20 Mar 2025 14:02

Tgt Ion:105 Resp: 591476

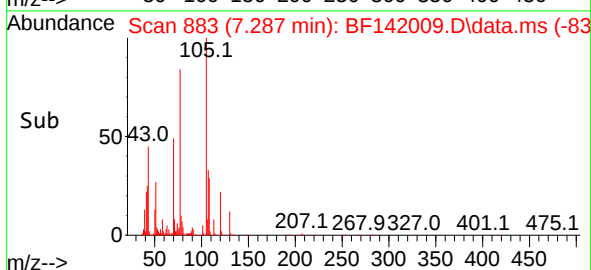
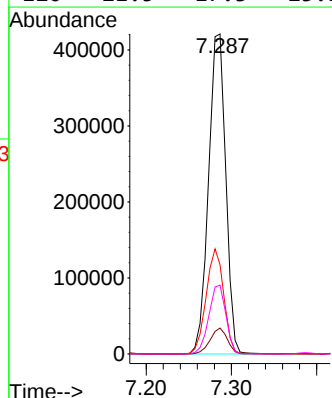
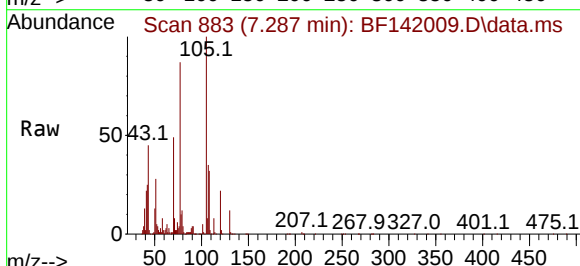
Ion Ratio Lower Upper

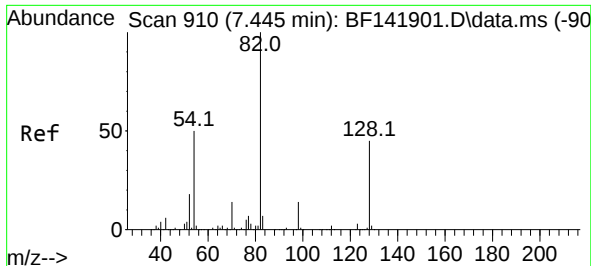
105 100

71 8.1 5.8 8.8

51 27.9 23.4 35.0

120 21.5 17.3 25.9





#23

Nitrobenzene-d5

Concen: 81.296 ng

RT: 7.439 min Scan# 910

Delta R.T. -0.006 min

Lab File: BF142009.D

Acq: 20 Mar 2025 14:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

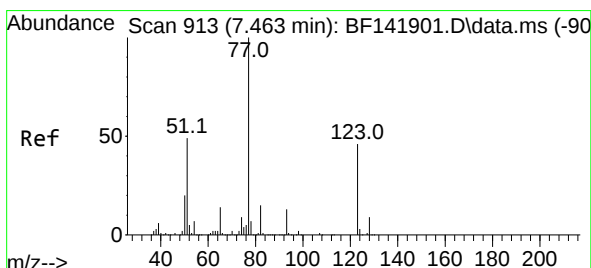
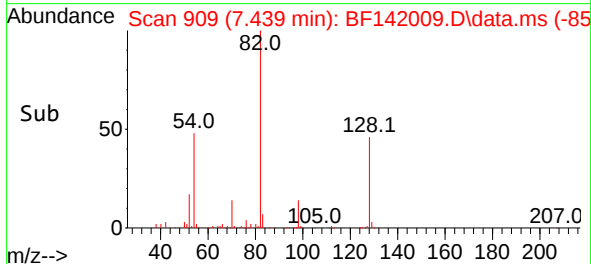
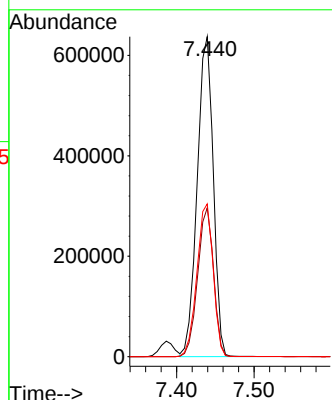
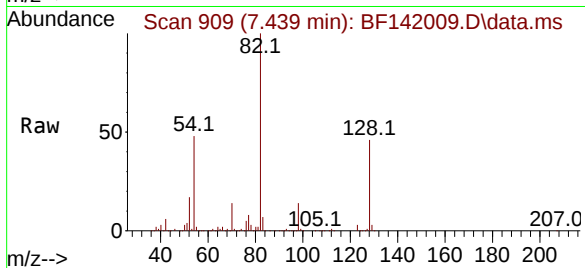
Tgt Ion: 82 Resp: 915643

Ion Ratio Lower Upper

82 100

128 46.5 36.0 54.0

54 47.7 39.6 59.4



#24

Nitrobenzene

Concen: 40.083 ng

RT: 7.457 min Scan# 912

Delta R.T. -0.006 min

Lab File: BF142009.D

Acq: 20 Mar 2025 14:02

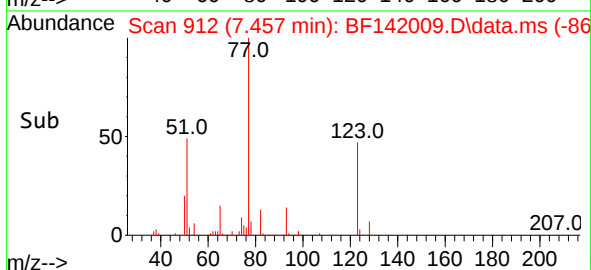
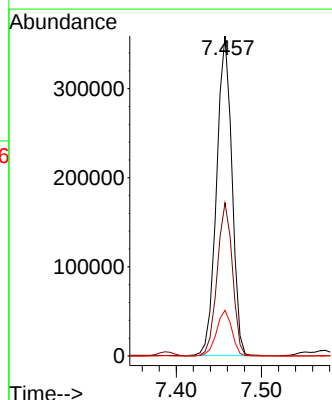
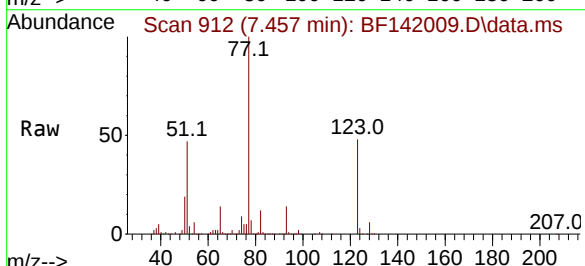
Tgt Ion: 77 Resp: 448799

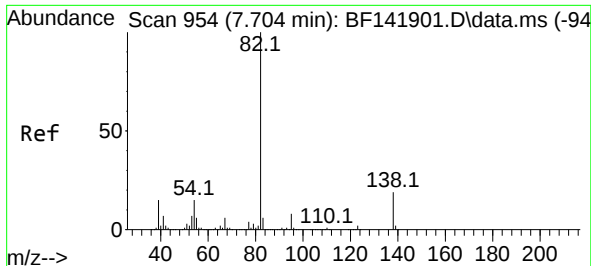
Ion Ratio Lower Upper

77 100

123 47.8 37.0 55.4

65 14.3 11.3 16.9

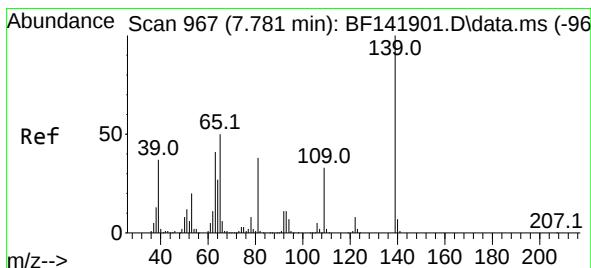
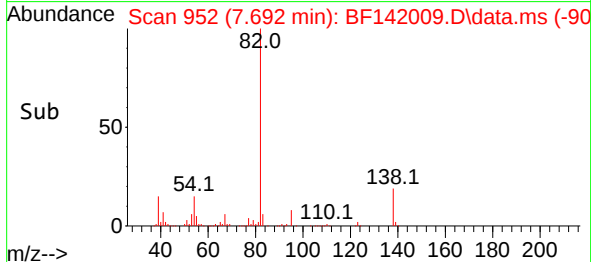
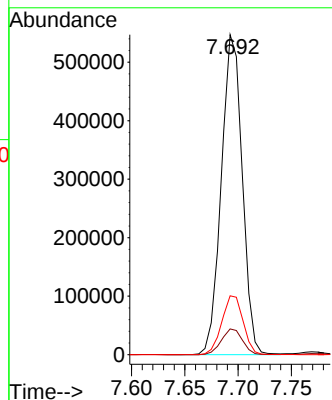
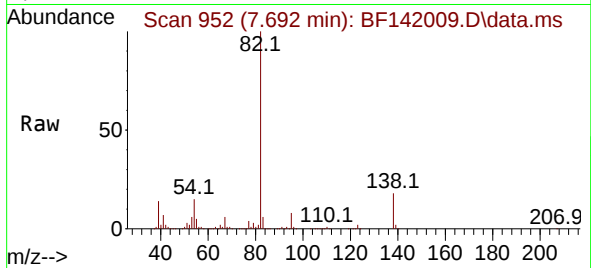




#25
Isophorone
Concen: 37.553 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF142009.D
Acq: 20 Mar 2025 14:02

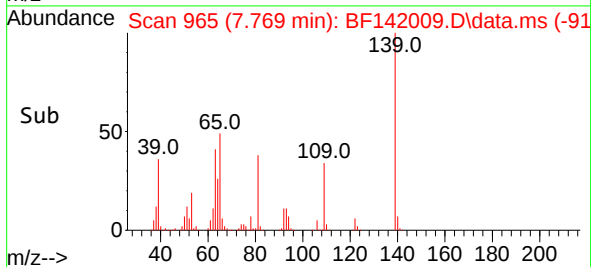
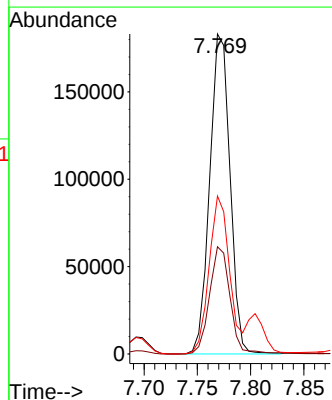
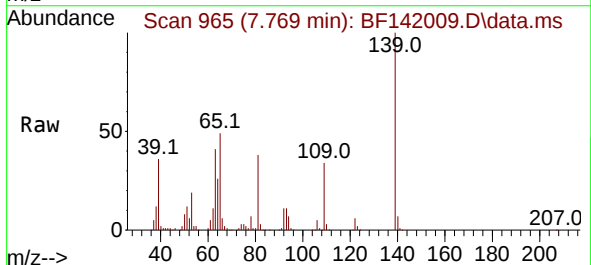
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

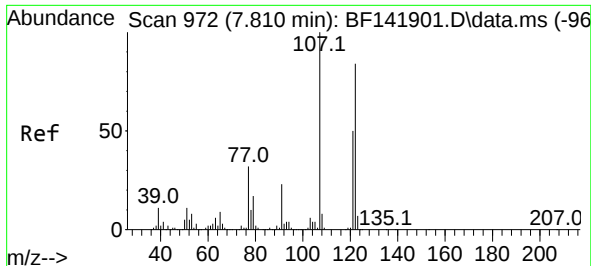
Tgt Ion: 82 Resp: 747664
Ion Ratio Lower Upper
82 100
95 8.1 6.4 9.6
138 18.4 14.9 22.3



#26
2-Nitrophenol
Concen: 44.129 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.012 min
Lab File: BF142009.D
Acq: 20 Mar 2025 14:02

Tgt Ion:139 Resp: 242510
Ion Ratio Lower Upper
139 100
109 33.5 26.5 39.7
65 49.3 40.3 60.5

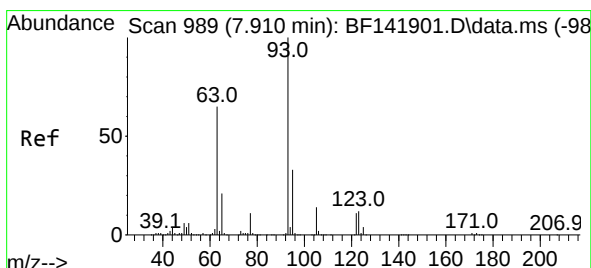
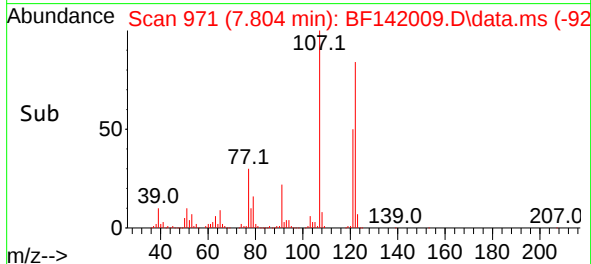
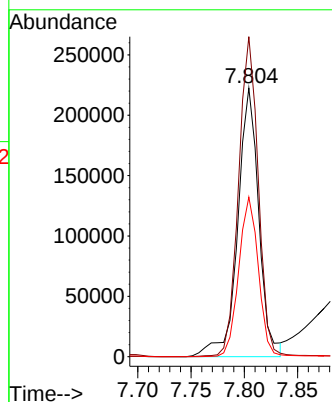
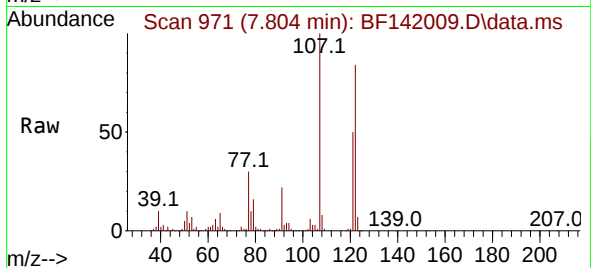




#27
2,4-Dimethylphenol
Concen: 40.515 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF142009.D
Acq: 20 Mar 2025 14:02

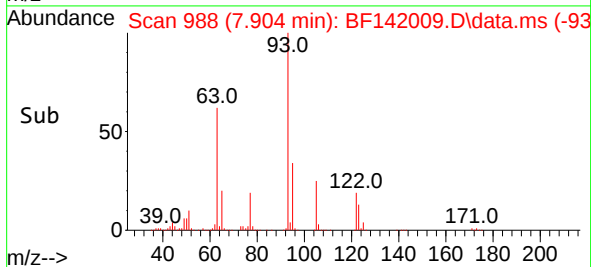
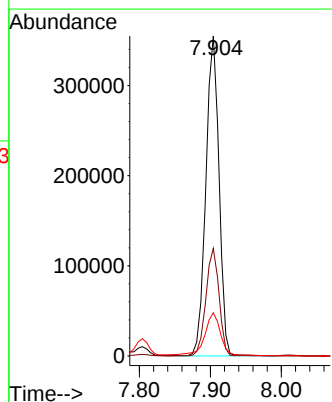
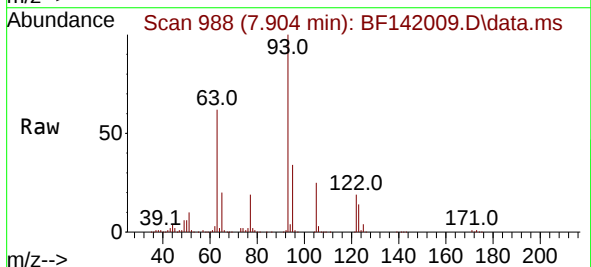
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

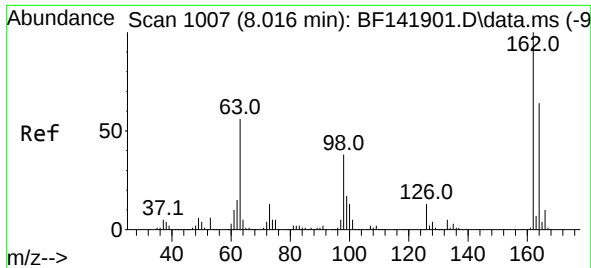
Tgt Ion:122 Resp: 306578
Ion Ratio Lower Upper
122 100
107 119.1 94.8 142.2
121 59.4 47.8 71.6



#28
bis(2-Chloroethoxy)methane
Concen: 36.640 ng
RT: 7.904 min Scan# 988
Delta R.T. -0.006 min
Lab File: BF142009.D
Acq: 20 Mar 2025 14:02

Tgt Ion: 93 Resp: 457533
Ion Ratio Lower Upper
93 100
95 33.6 26.6 40.0
123 13.5 10.2 15.4

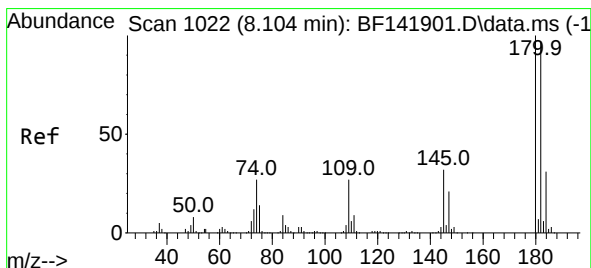
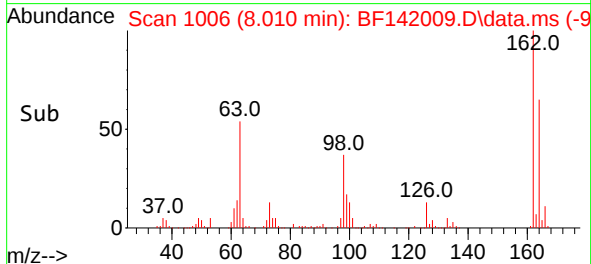
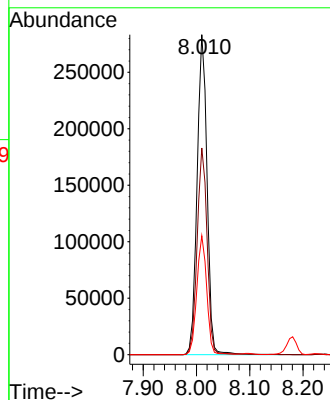
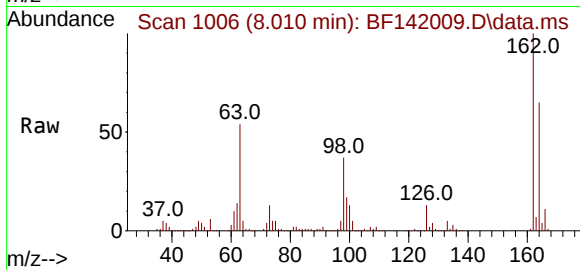




#29
2,4-Dichlorophenol
Concen: 39.078 ng
RT: 8.010 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF142009.D
Acq: 20 Mar 2025 14:02

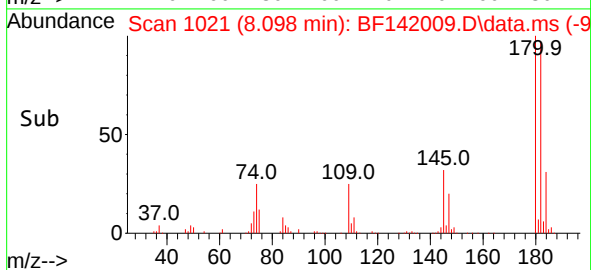
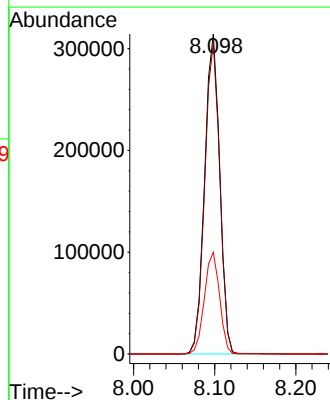
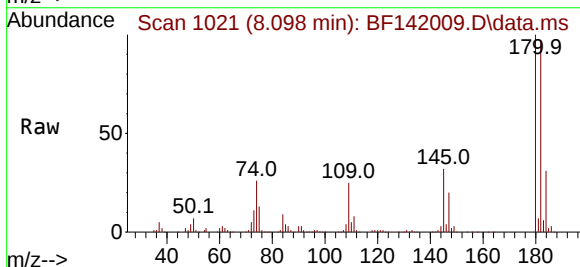
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

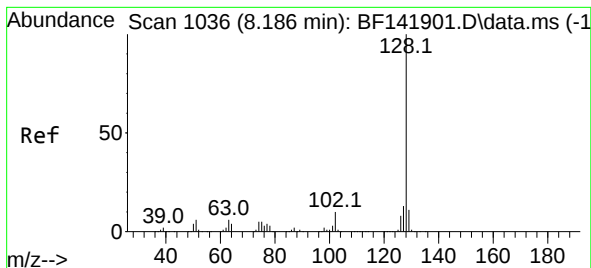
Tgt Ion:162 Resp: 367037
Ion Ratio Lower Upper
162 100
164 64.6 43.8 83.8
98 37.2 18.1 58.1



#30
1,2,4-Trichlorobenzene
Concen: 39.270 ng
RT: 8.098 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF142009.D
Acq: 20 Mar 2025 14:02

Tgt Ion:180 Resp: 406473
Ion Ratio Lower Upper
180 100
182 97.2 77.5 116.3
145 31.8 25.8 38.6





#31

Naphthalene

Concen: 38.463 ng

RT: 8.181 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142009.D

Acq: 20 Mar 2025 14:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

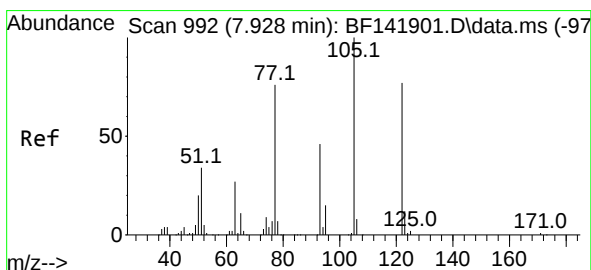
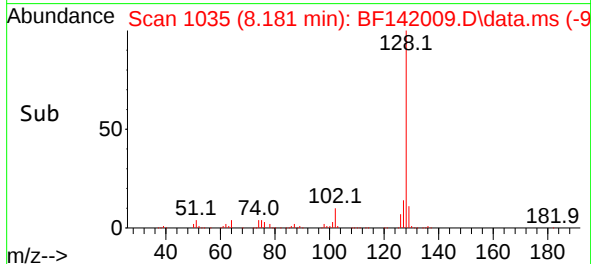
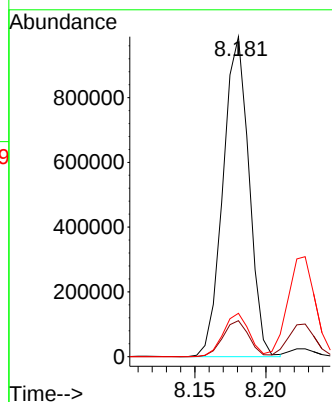
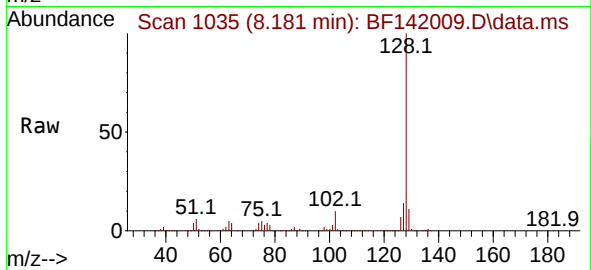
Tgt Ion:128 Resp: 1252345

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

127 13.6 10.8 16.2



#32

Benzoic acid

Concen: 42.663 ng

RT: 7.916 min Scan# 990

Delta R.T. -0.012 min

Lab File: BF142009.D

Acq: 20 Mar 2025 14:02

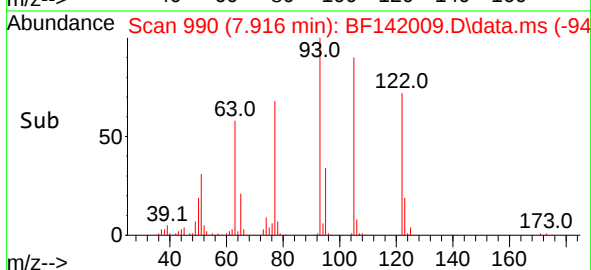
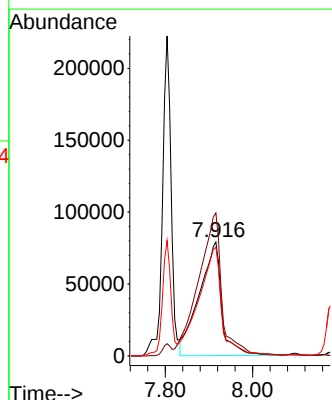
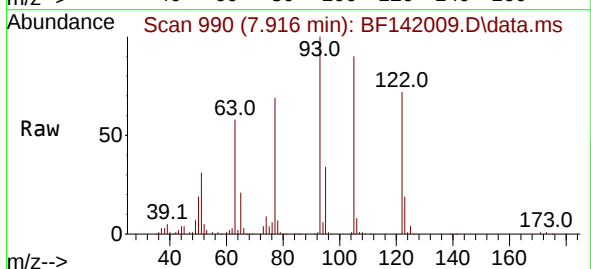
Tgt Ion:122 Resp: 283781

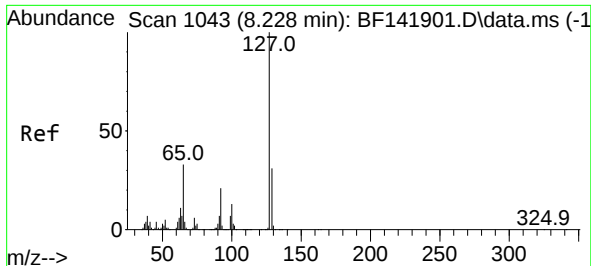
Ion Ratio Lower Upper

122 100

105 125.5 107.9 147.9

77 95.3 79.0 119.0

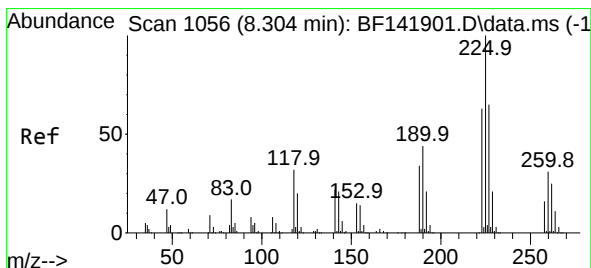
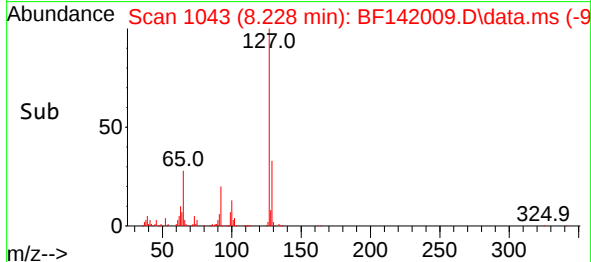
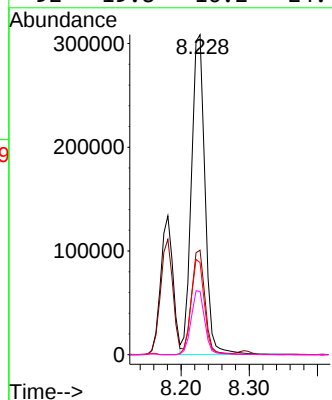
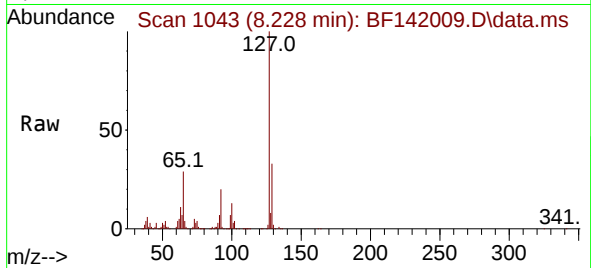




#33
4-Chloroaniline
Concen: 36.821 ng
RT: 8.228 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF142009.D
Acq: 20 Mar 2025 14:02

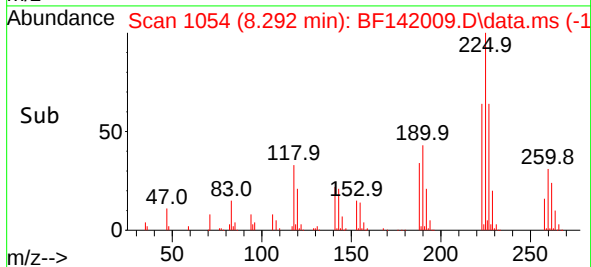
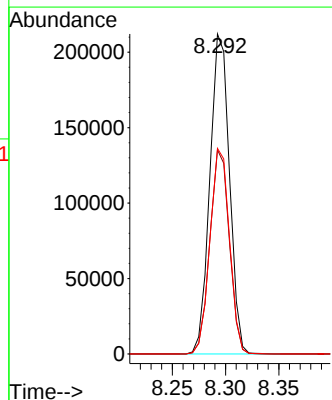
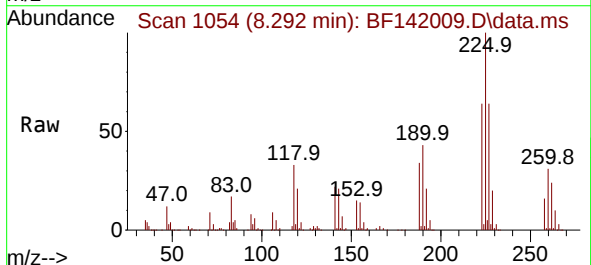
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

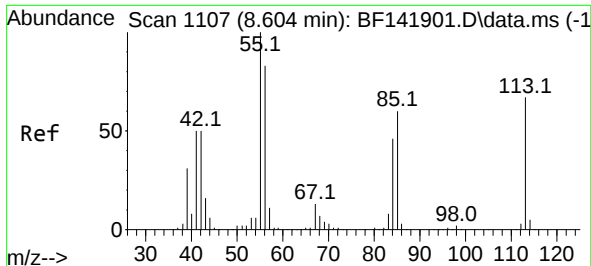
Tgt Ion:	127	Resp:	423218
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.2	39.4
65	28.8	25.4	38.2
92	19.8	16.2	24.4



#34
Hexachlorobutadiene
Concen: 40.180 ng
RT: 8.292 min Scan# 1054
Delta R.T. -0.012 min
Lab File: BF142009.D
Acq: 20 Mar 2025 14:02

Tgt Ion:	225	Resp:	271225
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.6	75.8
227	64.3	52.2	78.2

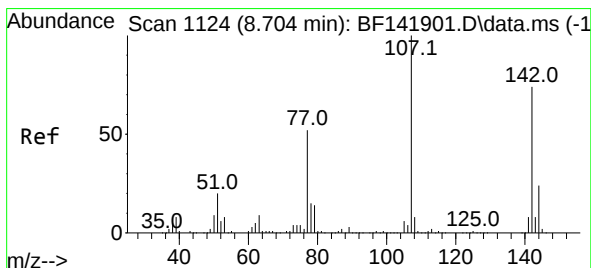
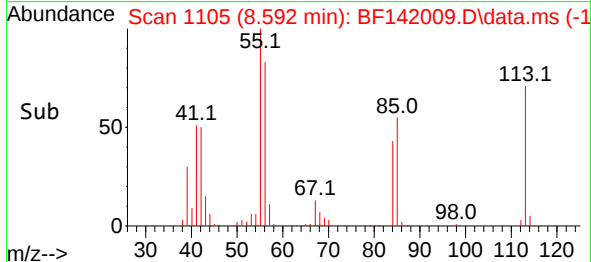
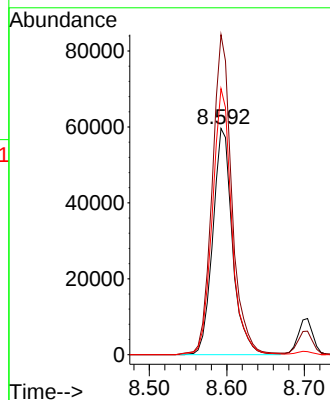
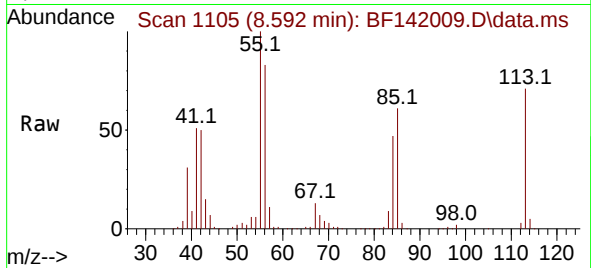




#35
Caprolactam
Concen: 36.619 ng
RT: 8.592 min Scan# 1105
Delta R.T. -0.012 min
Lab File: BF142009.D
Acq: 20 Mar 2025 14:02

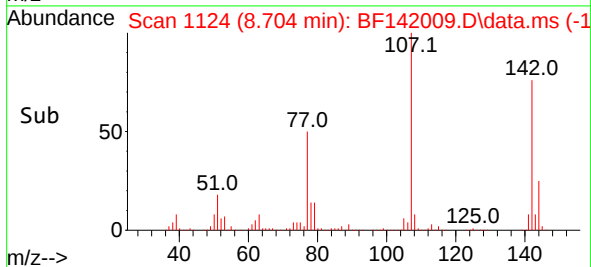
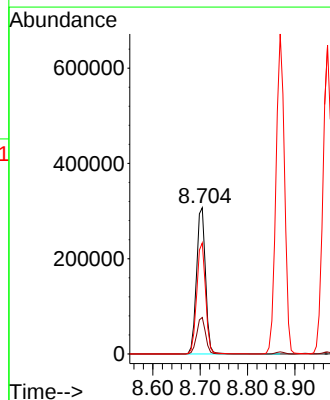
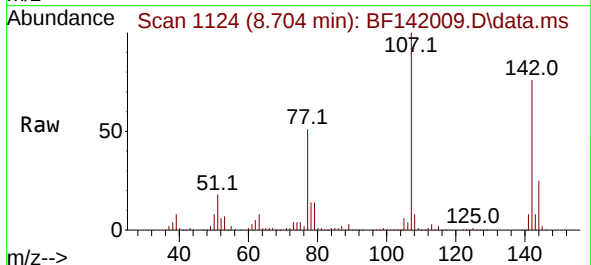
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

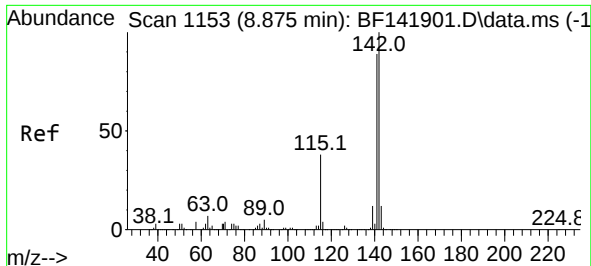
Tgt Ion:113 Resp: 104858
Ion Ratio Lower Upper
113 100
55 141.5 129.6 169.6
56 117.6 104.0 144.0



#36
4-Chloro-3-methylphenol
Concen: 38.551 ng
RT: 8.704 min Scan# 1124
Delta R.T. 0.000 min
Lab File: BF142009.D
Acq: 20 Mar 2025 14:02

Tgt Ion:107 Resp: 403914
Ion Ratio Lower Upper
107 100
144 24.9 19.0 28.6
142 76.0 59.2 88.8





#37

2-Methylnaphthalene

Concen: 38.687 ng

RT: 8.869 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF142009.D

Acq: 20 Mar 2025 14:02

Instrument :

BNA_F

ClientSampleId :

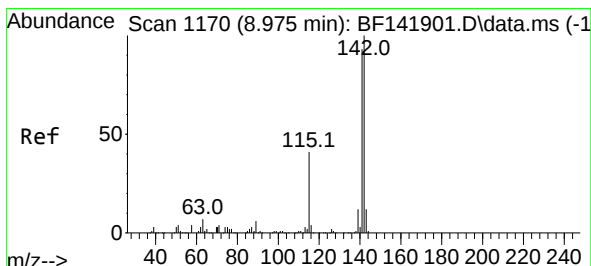
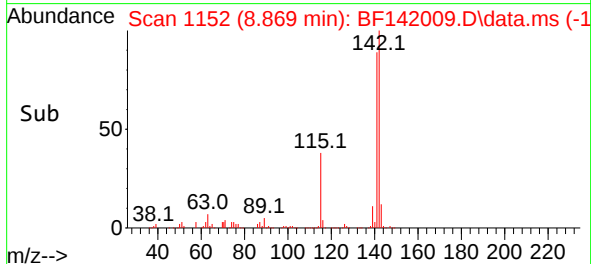
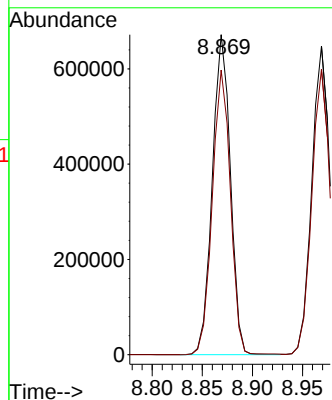
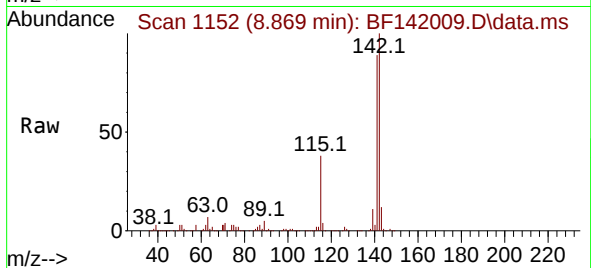
SSTDCCC040

Tgt Ion:142 Resp: 841947

Ion Ratio Lower Upper

142 100

141 89.0 71.2 106.8



#38

1-Methylnaphthalene

Concen: 38.575 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF142009.D

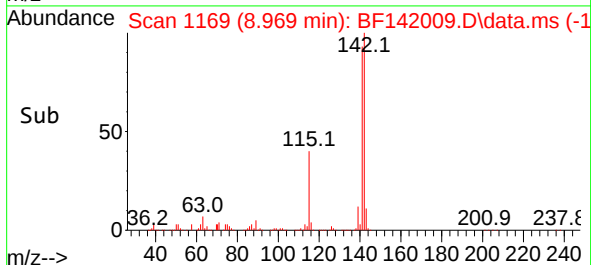
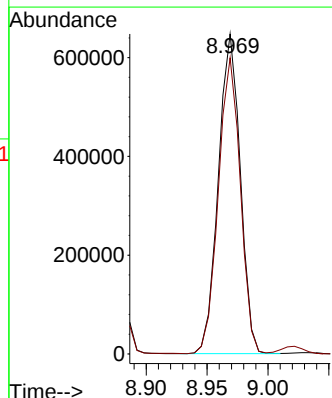
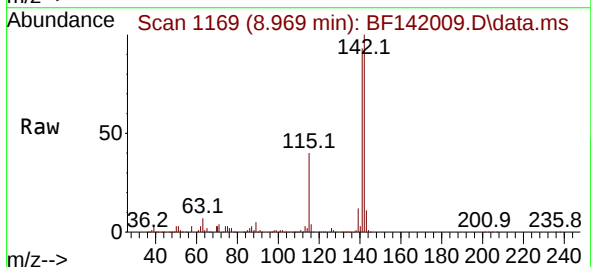
Acq: 20 Mar 2025 14:02

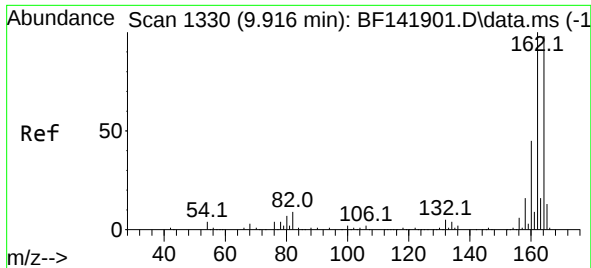
Tgt Ion:142 Resp: 810126

Ion Ratio Lower Upper

142 100

141 92.5 74.2 111.4

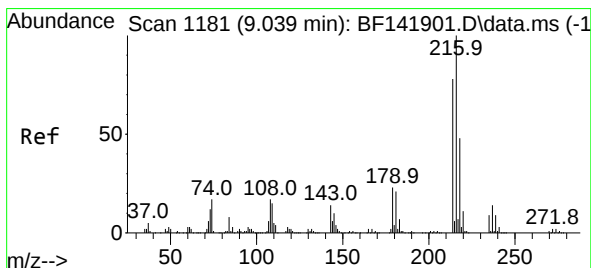
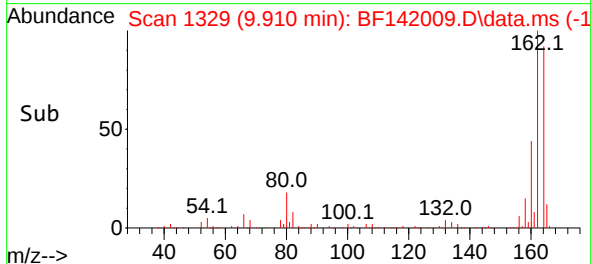
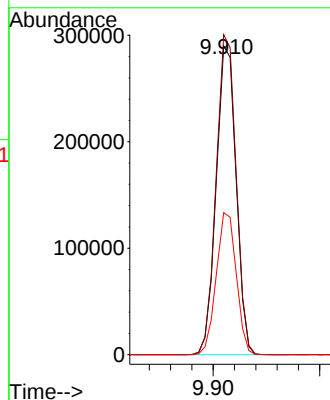
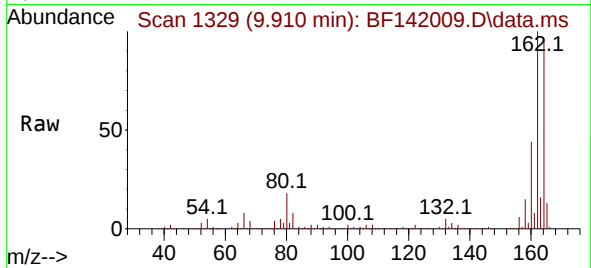




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF142009.D
Acq: 20 Mar 2025 14:02

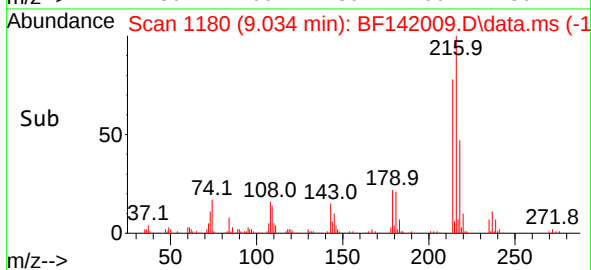
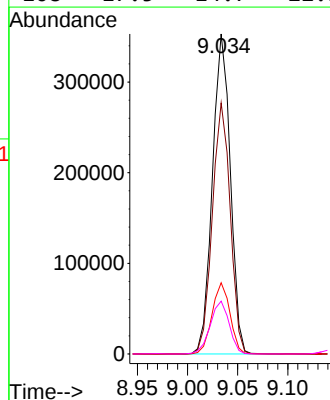
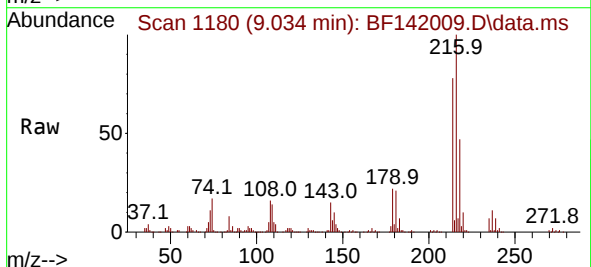
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

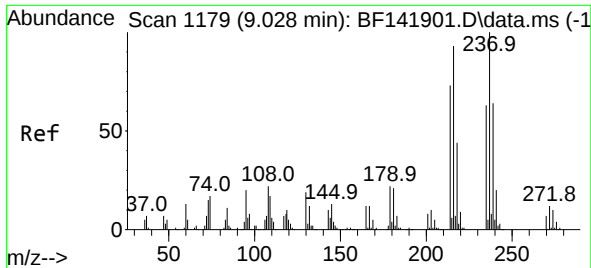
Tgt Ion:164 Resp: 375978
Ion Ratio Lower Upper
164 100
162 103.6 81.8 122.6
160 46.0 36.7 55.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.177 ng
RT: 9.034 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF142009.D
Acq: 20 Mar 2025 14:02

Tgt Ion:216 Resp: 437016
Ion Ratio Lower Upper
216 100
214 78.4 61.9 92.9
179 22.3 18.1 27.1
108 17.5 14.7 22.1

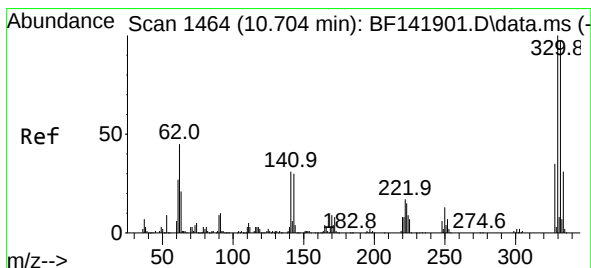
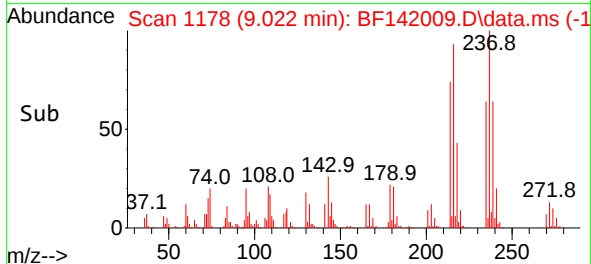
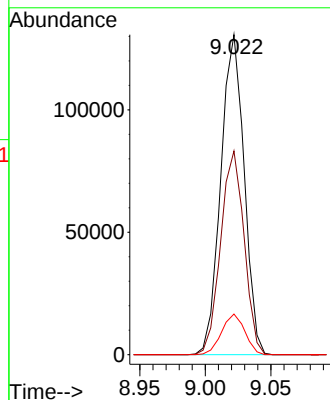
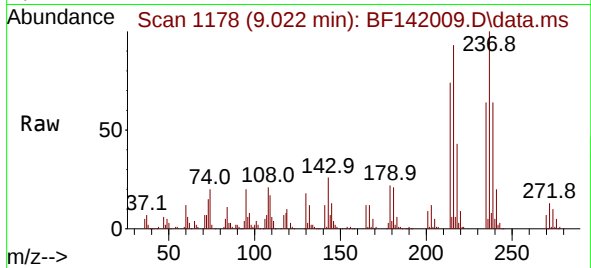




#41
Hexachlorocyclopentadiene
Concen: 36.119 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF142009.D
Acq: 20 Mar 2025 14:02

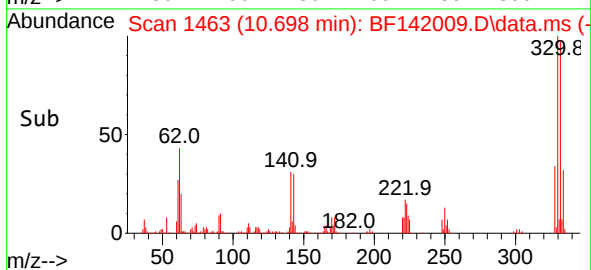
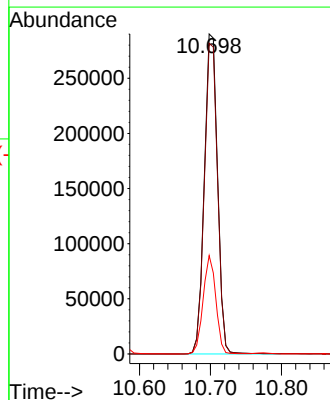
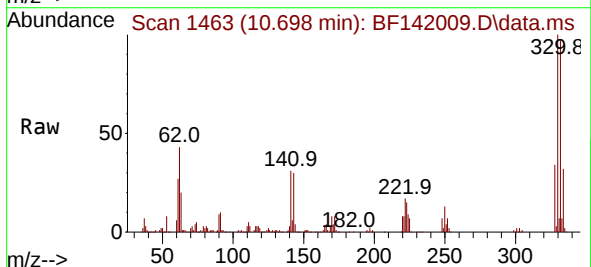
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

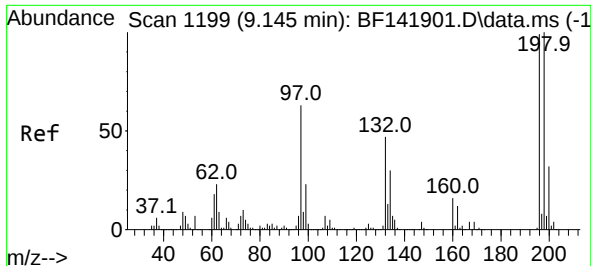
Tgt Ion:237 Resp: 161809
Ion Ratio Lower Upper
237 100
235 63.6 43.1 83.1
272 12.7 0.0 32.0



#42
2,4,6-Tribromophenol
Concen: 79.116 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF142009.D
Acq: 20 Mar 2025 14:02

Tgt Ion:330 Resp: 377366
Ion Ratio Lower Upper
330 100
332 97.1 77.6 116.4
141 29.5 24.7 37.1





#43

2,4,6-Trichlorophenol

Concen: 37.195 ng

RT: 9.145 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF142009.D

Acq: 20 Mar 2025 14:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

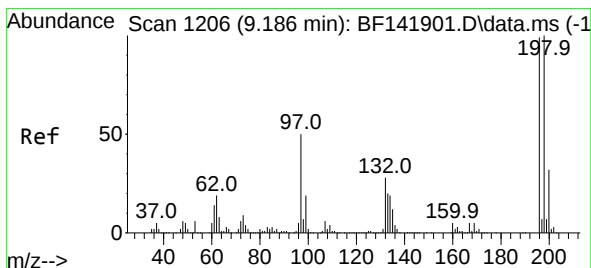
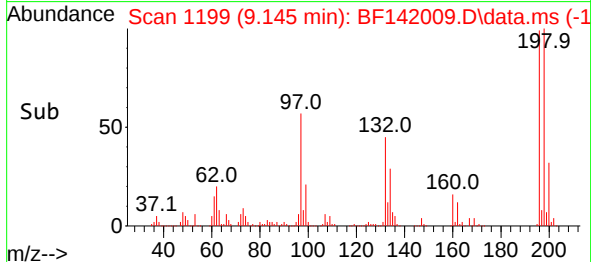
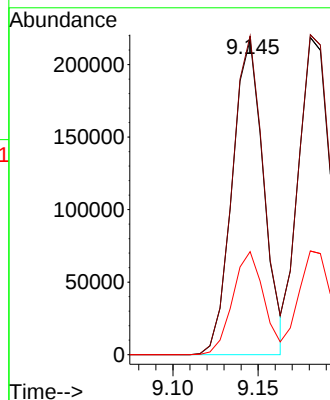
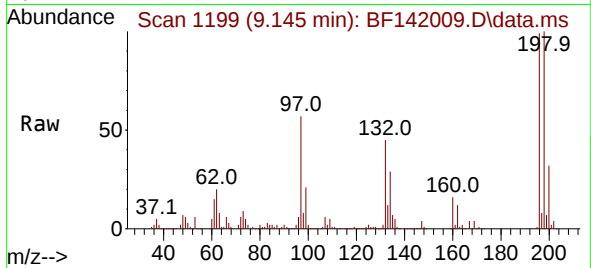
Tgt Ion:196 Resp: 278255

Ion Ratio Lower Upper

196 100

198 101.1 80.6 121.0

200 32.7 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 38.225 ng

RT: 9.181 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF142009.D

Acq: 20 Mar 2025 14:02

Tgt Ion:196 Resp: 289627

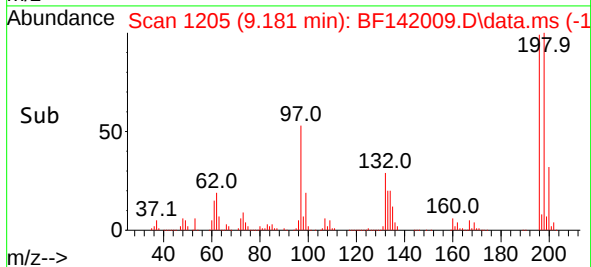
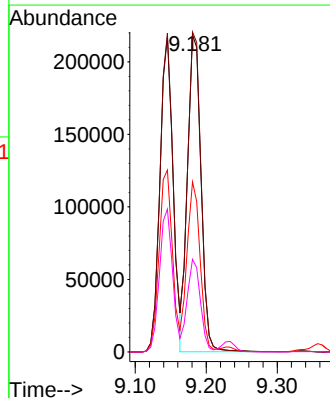
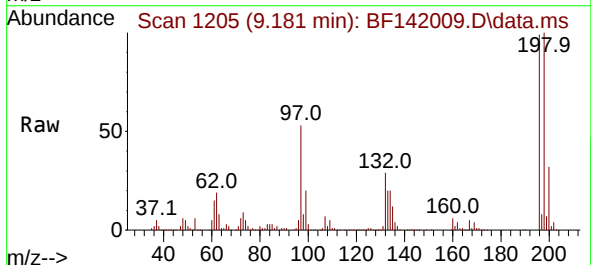
Ion Ratio Lower Upper

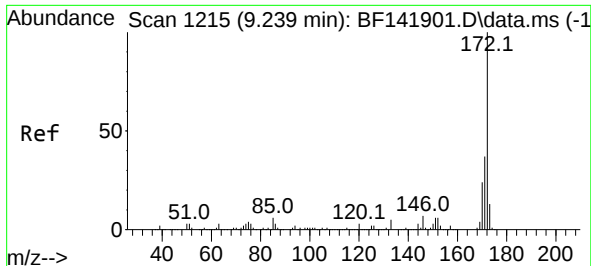
196 100

198 100.9 80.7 121.1

97 53.6 42.1 63.1

132 29.2 23.4 35.2

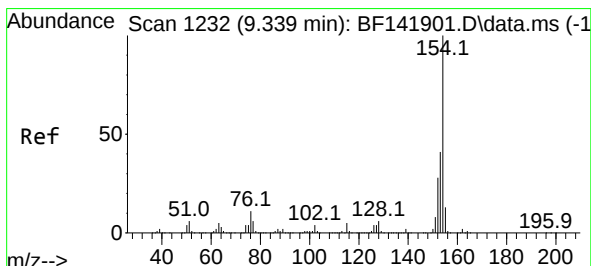
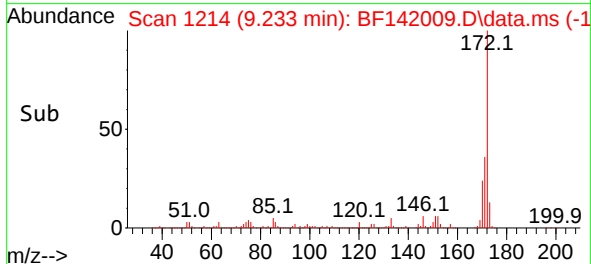
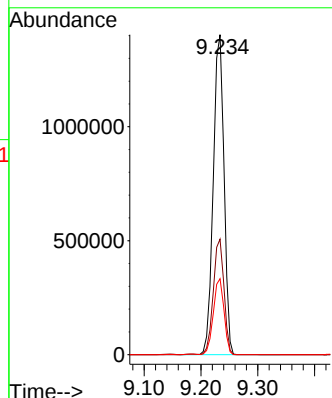
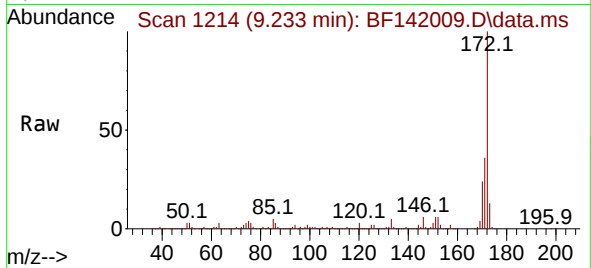




#45
2-Fluorobiphenyl
Concen: 74.326 ng
RT: 9.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142009.D
Acq: 20 Mar 2025 14:02

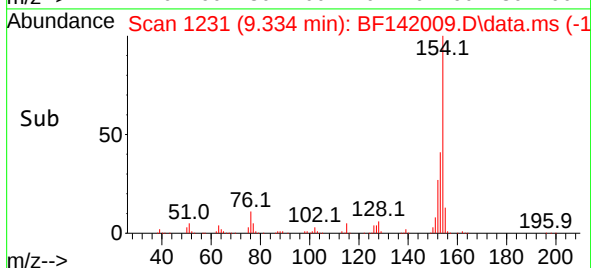
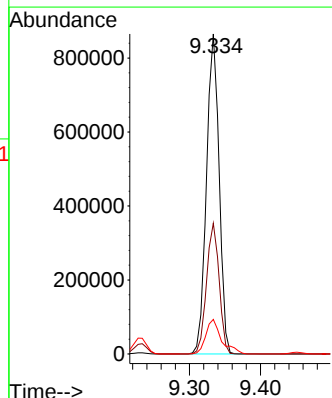
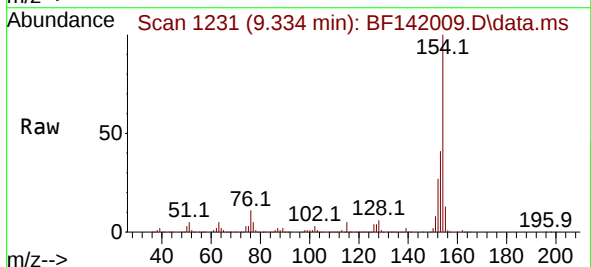
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

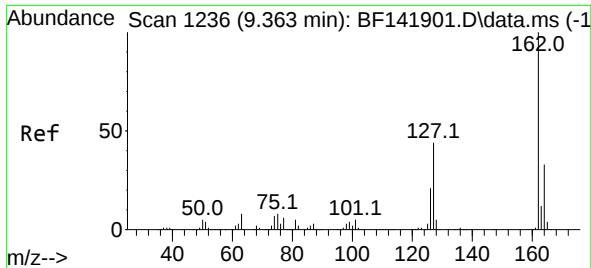
Tgt Ion:172 Resp: 1837503
Ion Ratio Lower Upper
172 100
171 36.1 29.3 43.9
170 23.8 19.4 29.0



#46
1,1'-Biphenyl
Concen: 37.476 ng
RT: 9.334 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BF142009.D
Acq: 20 Mar 2025 14:02

Tgt Ion:154 Resp: 1070585
Ion Ratio Lower Upper
154 100
153 40.8 21.1 61.1
76 10.8 0.0 31.3

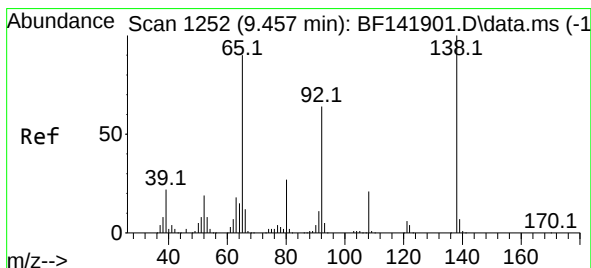
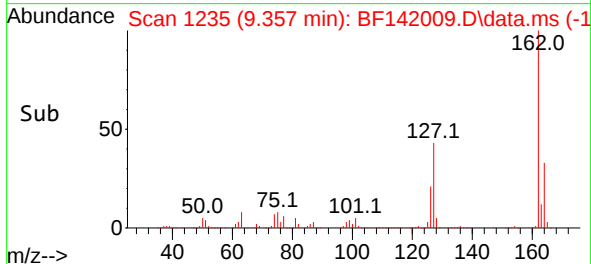
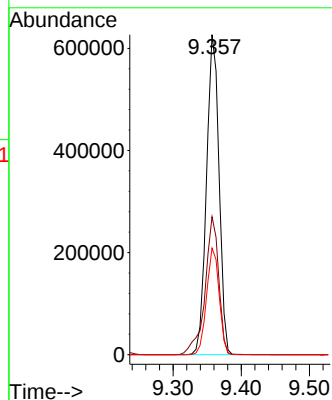
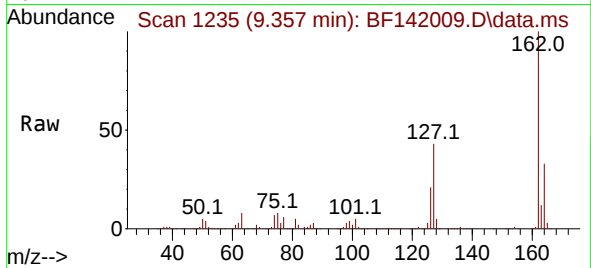




#47
2-Chloronaphthalene
Concen: 37.694 ng
RT: 9.357 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142009.D
Acq: 20 Mar 2025 14:02

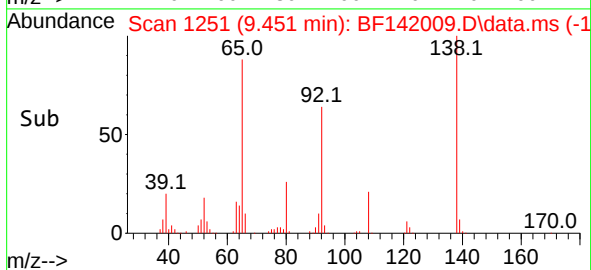
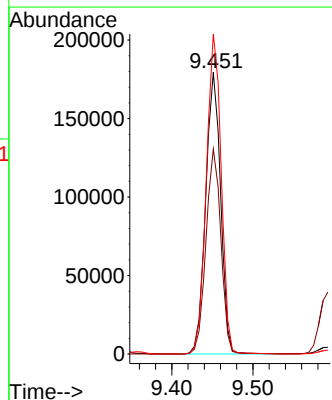
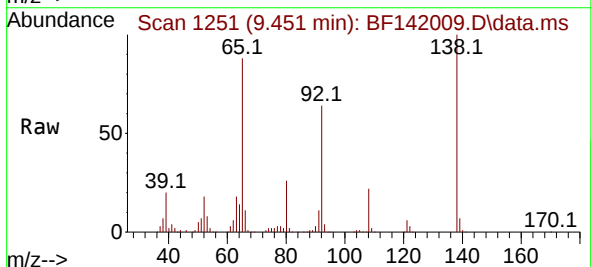
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

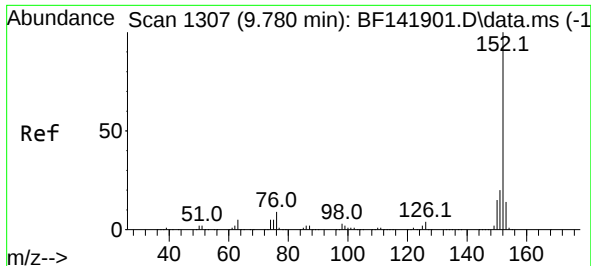
Tgt Ion:162 Resp: 802605
Ion Ratio Lower Upper
162 100
127 43.1 35.5 53.3
164 33.3 26.6 40.0



#48
2-Nitroaniline
Concen: 37.076 ng
RT: 9.451 min Scan# 1251
Delta R.T. -0.006 min
Lab File: BF142009.D
Acq: 20 Mar 2025 14:02

Tgt Ion: 65 Resp: 228580
Ion Ratio Lower Upper
65 100
92 72.8 56.6 84.8
138 113.7 88.6 133.0





#49

Acenaphthylene

Concen: 37.766 ng

RT: 9.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142009.D

Acq: 20 Mar 2025 14:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

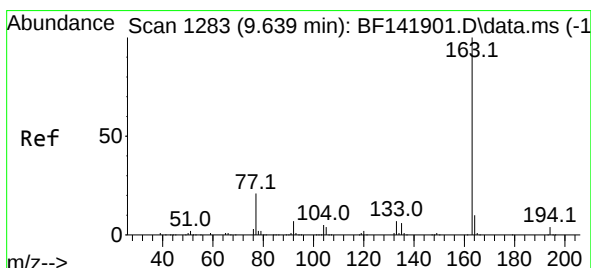
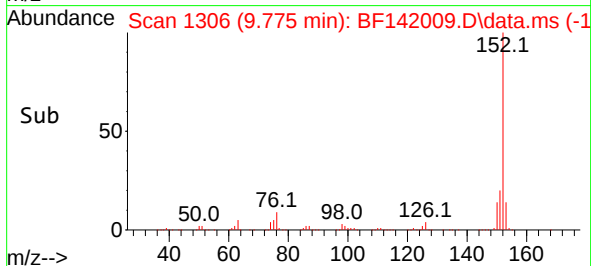
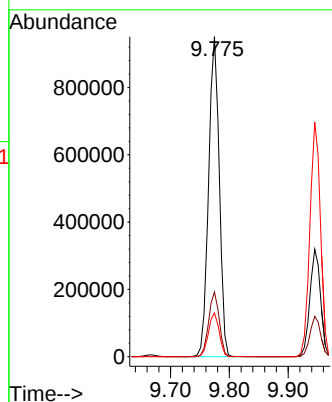
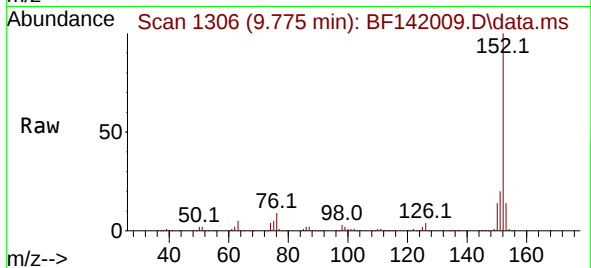
Tgt Ion:152 Resp: 1193309

Ion Ratio Lower Upper

152 100

151 20.2 16.3 24.5

153 13.7 11.1 16.7



#50

Dimethylphthalate

Concen: 37.311 ng

RT: 9.633 min Scan# 1282

Delta R.T. -0.006 min

Lab File: BF142009.D

Acq: 20 Mar 2025 14:02

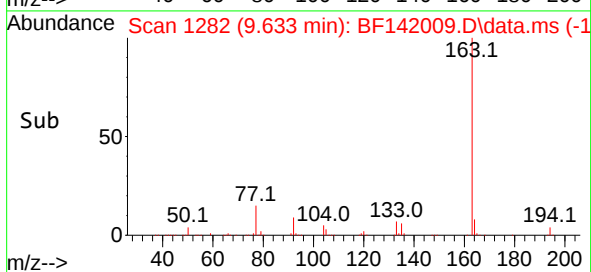
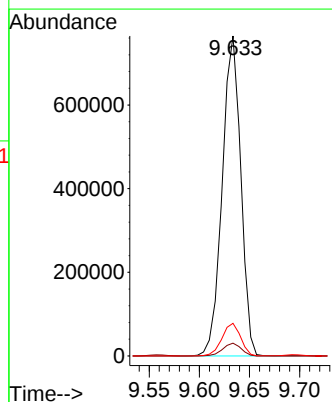
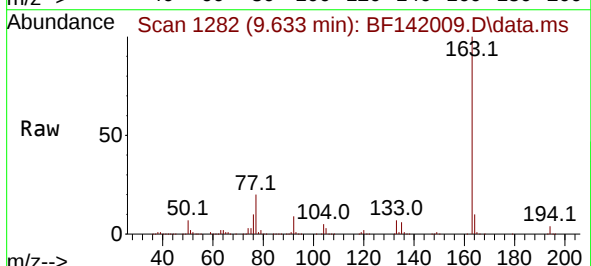
Tgt Ion:163 Resp: 982363

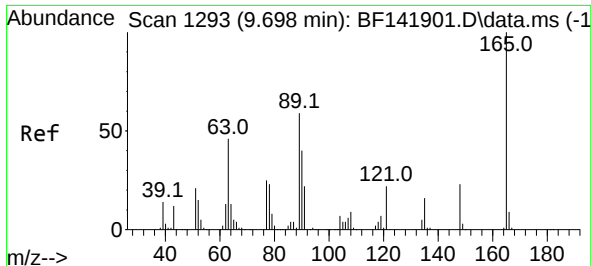
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.2 8.2 12.4

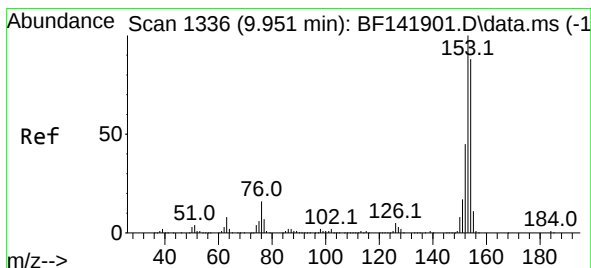
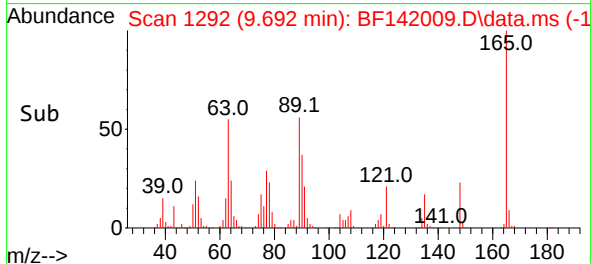
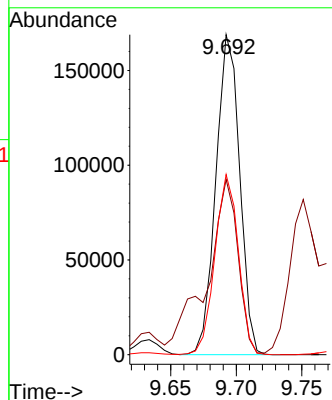
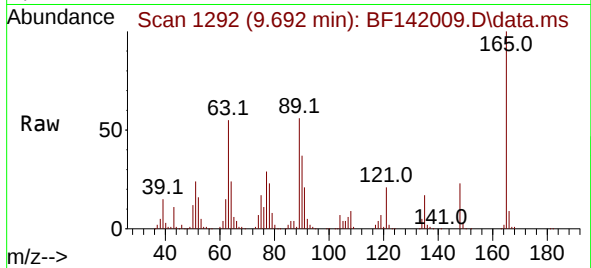




#51
2,6-Dinitrotoluene
Concen: 38.878 ng
RT: 9.692 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142009.D
Acq: 20 Mar 2025 14:02

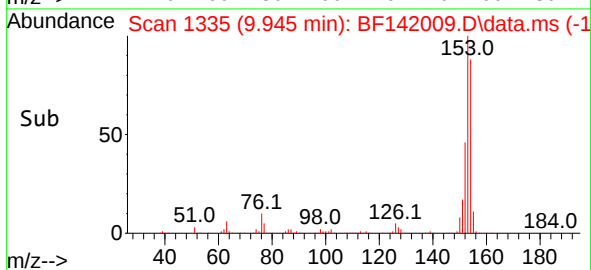
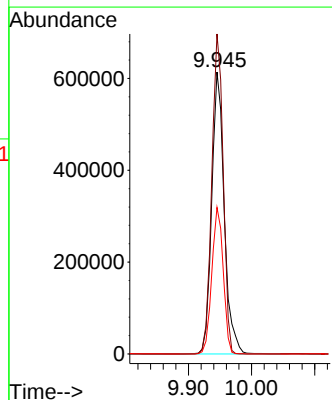
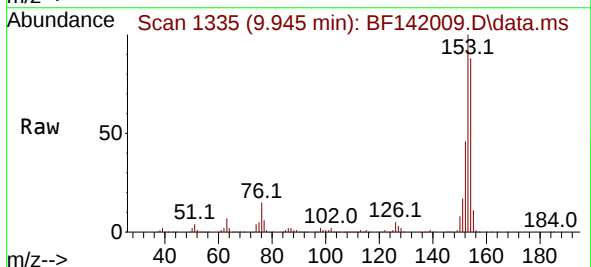
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

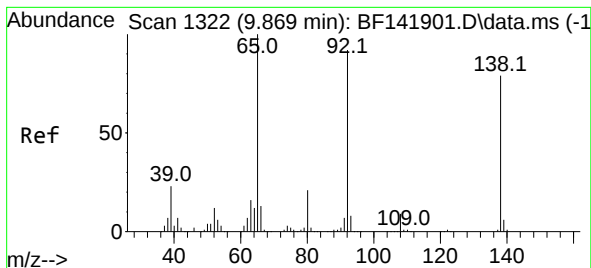
Tgt Ion:165 Resp: 213128
Ion Ratio Lower Upper
165 100
63 54.8 47.0 70.4
89 56.3 47.4 71.2



#52
Acenaphthene
Concen: 38.075 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF142009.D
Acq: 20 Mar 2025 14:02

Tgt Ion:154 Resp: 845469
Ion Ratio Lower Upper
154 100
153 113.5 90.7 136.1
152 52.0 41.1 61.7





#53

3-Nitroaniline

Concen: 36.207 ng

RT: 9.863 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142009.D

Acq: 20 Mar 2025 14:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

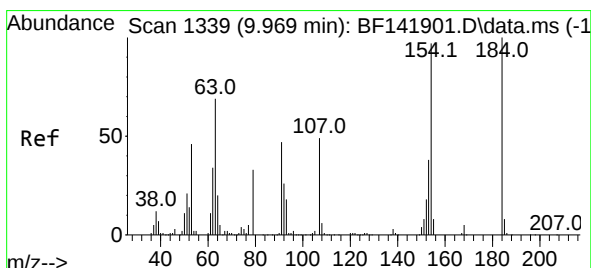
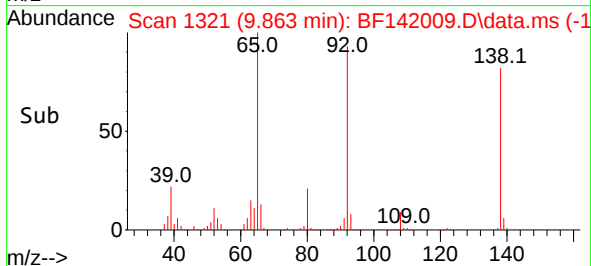
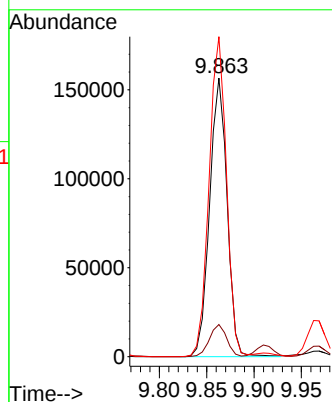
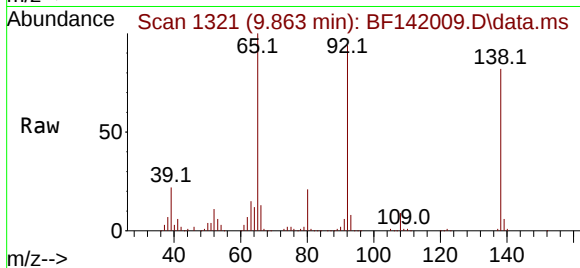
Tgt Ion:138 Resp: 201338

Ion Ratio Lower Upper

138 100

108 11.6 9.3 13.9

92 114.9 93.5 140.3



#54

2,4-Dinitrophenol

Concen: 39.819 ng

RT: 9.969 min Scan# 1339

Delta R.T. -0.000 min

Lab File: BF142009.D

Acq: 20 Mar 2025 14:02

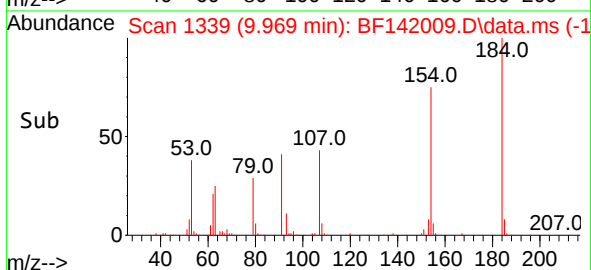
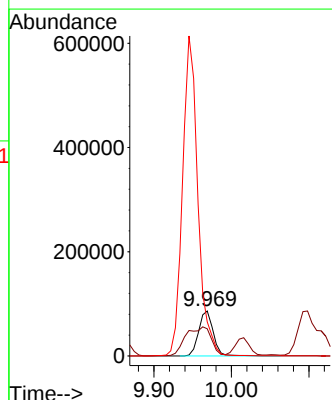
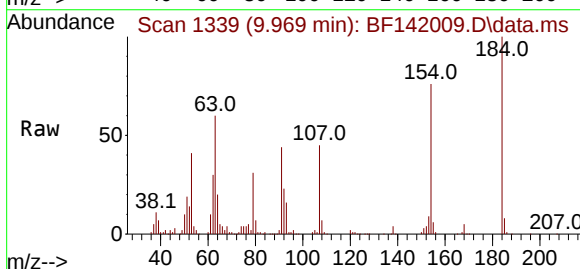
Tgt Ion:184 Resp: 112821

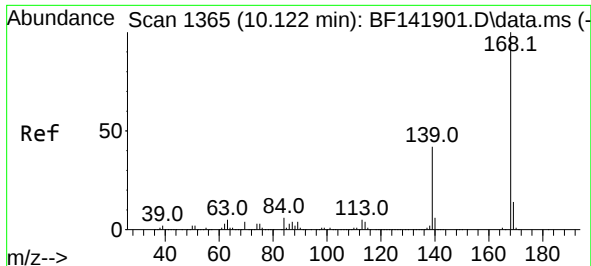
Ion Ratio Lower Upper

184 100

63 60.4 60.2 90.4

154 75.7 132.9 199.3#

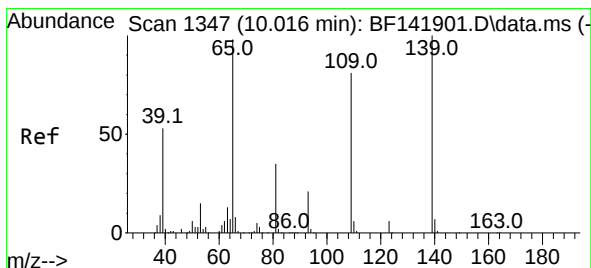
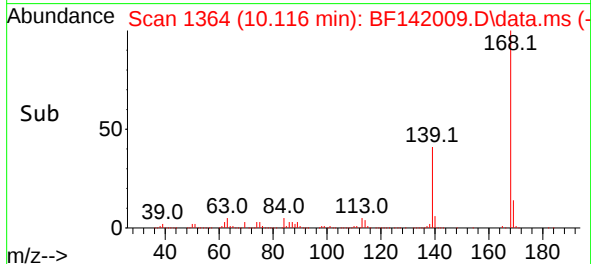
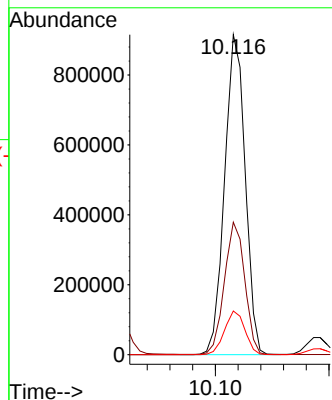
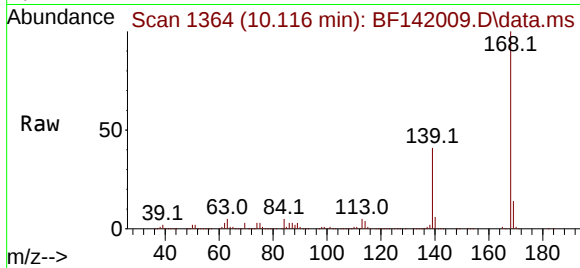




#55
Dibenzenofuran
Concen: 36.318 ng
RT: 10.116 min Scan# 1364
Delta R.T. -0.006 min
Lab File: BF142009.D
Acq: 20 Mar 2025 14:02

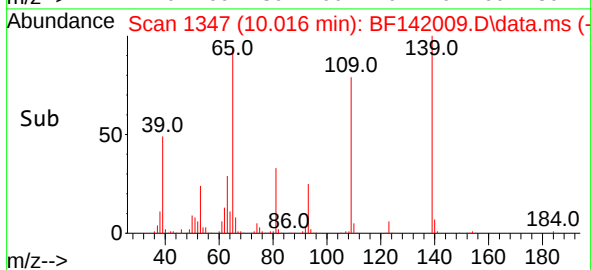
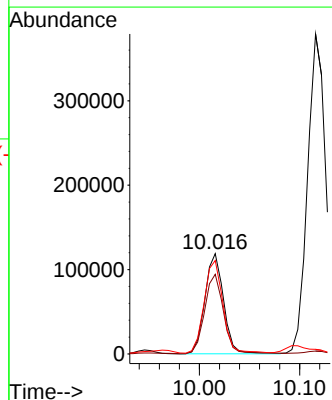
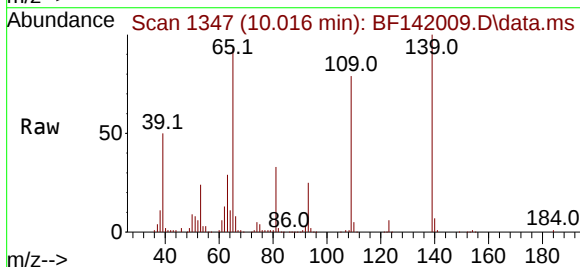
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

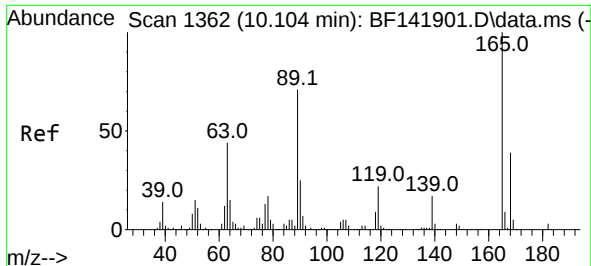
Tgt Ion:168 Resp: 1152309
Ion Ratio Lower Upper
168 100
139 41.4 33.9 50.9
169 13.6 11.0 16.4



#56
4-Nitrophenol
Concen: 36.718 ng
RT: 10.016 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BF142009.D
Acq: 20 Mar 2025 14:02

Tgt Ion:139 Resp: 153977
Ion Ratio Lower Upper
139 100
109 79.5 61.6 101.6
65 93.2 79.4 119.4

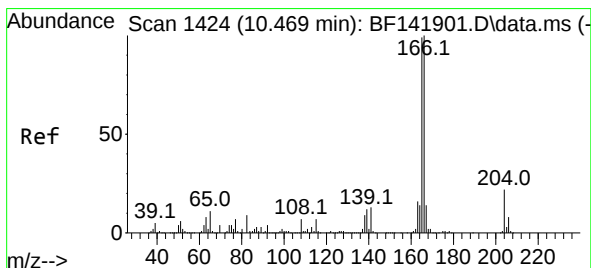
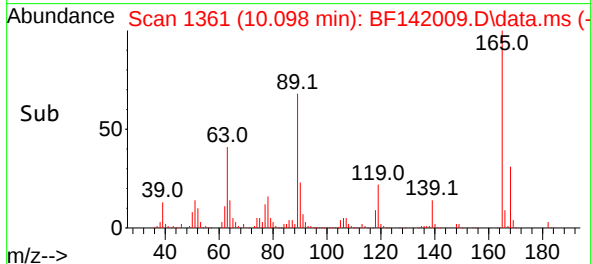
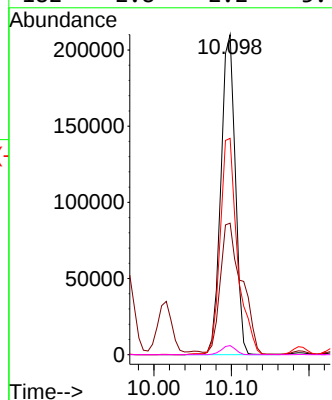
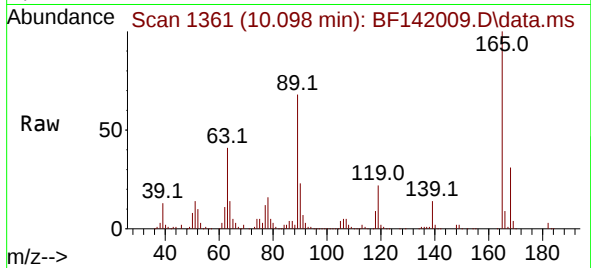




#57
2,4-Dinitrotoluene
Concen: 37.958 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.006 min
Lab File: BF142009.D
Acq: 20 Mar 2025 14:02

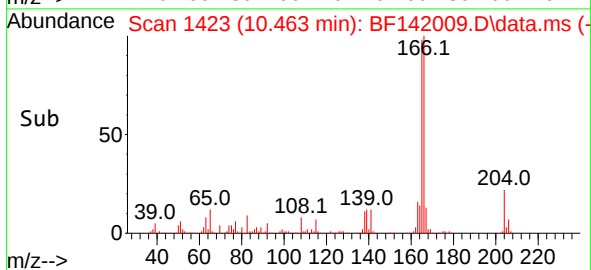
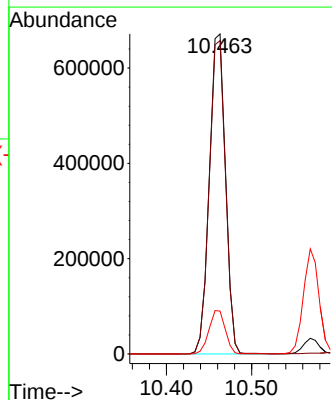
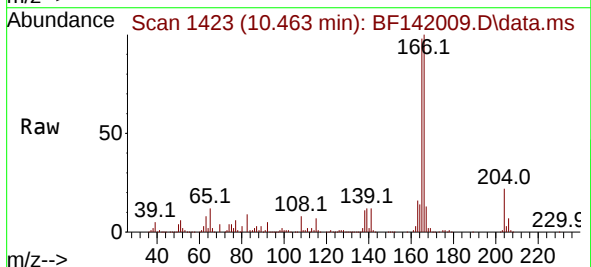
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

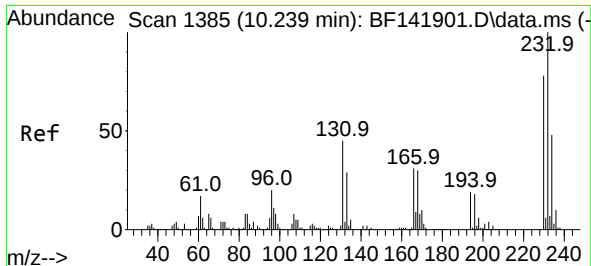
Tgt Ion:165 Resp: 271777
Ion Ratio Lower Upper
165 100
63 41.1 35.4 53.2
89 67.6 56.6 84.8
182 2.8 2.2 3.4



#58
Fluorene
Concen: 36.193 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF142009.D
Acq: 20 Mar 2025 14:02

Tgt Ion:166 Resp: 885580
Ion Ratio Lower Upper
166 100
165 97.9 79.0 118.4
167 13.4 11.0 16.4

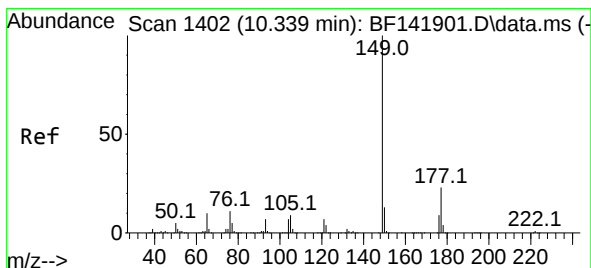
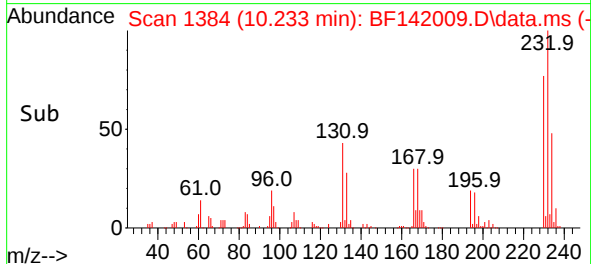
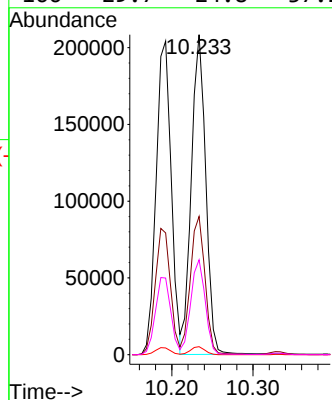
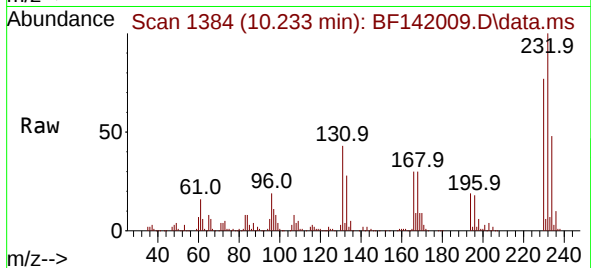




#59
2,3,4,6-Tetrachlorophenol
Concen: 37.355 ng
RT: 10.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142009.D
Acq: 20 Mar 2025 14:02

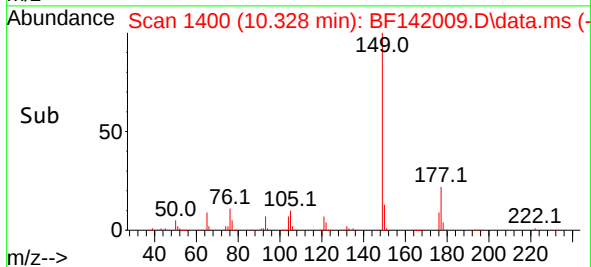
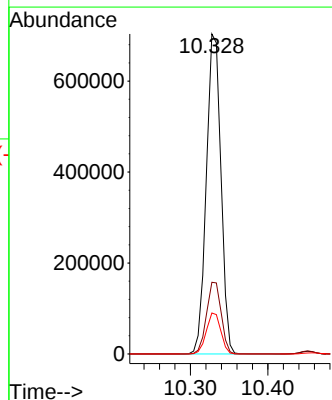
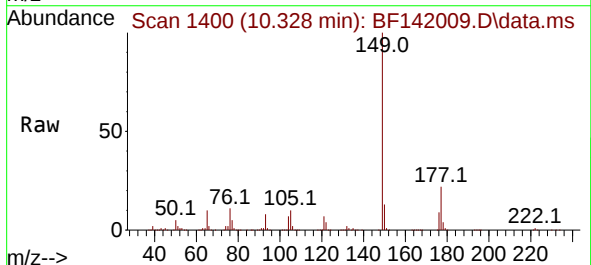
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

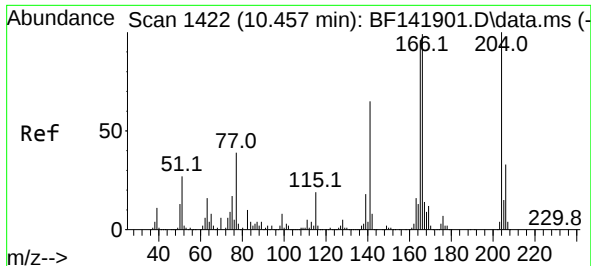
Tgt Ion:232 Resp: 257552
Ion Ratio Lower Upper
232 100
131 44.1 37.3 55.9
130 2.5 1.9 2.9
166 29.7 24.8 37.2



#60
Diethylphthalate
Concen: 35.069 ng
RT: 10.328 min Scan# 1400
Delta R.T. -0.012 min
Lab File: BF142009.D
Acq: 20 Mar 2025 14:02

Tgt Ion:149 Resp: 920670
Ion Ratio Lower Upper
149 100
177 22.4 18.0 27.0
150 12.8 10.2 15.4

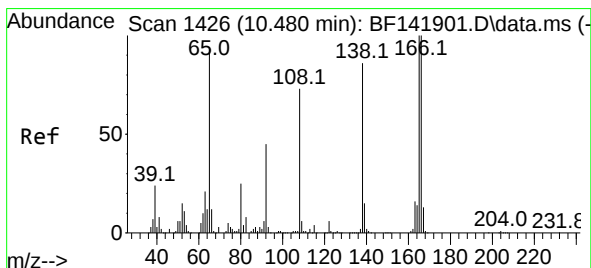
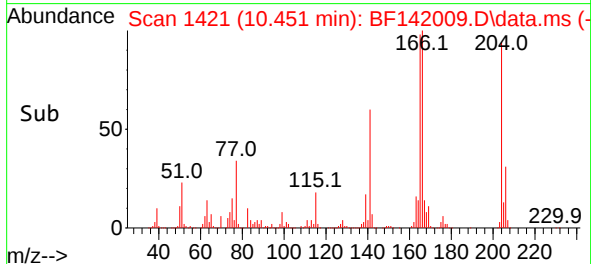
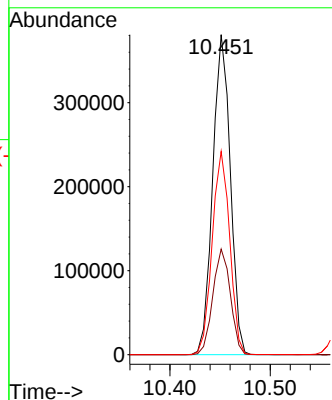
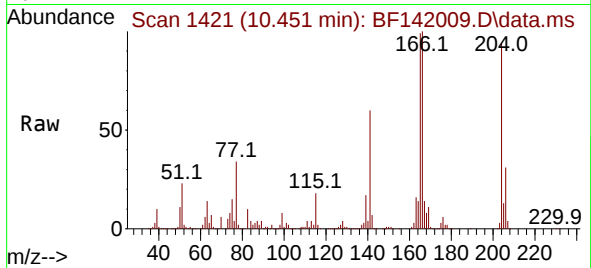




#61
4-Chlorophenyl-phenylether
Concen: 36.381 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF142009.D
Acq: 20 Mar 2025 14:02

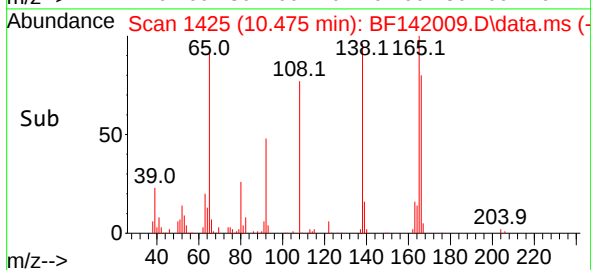
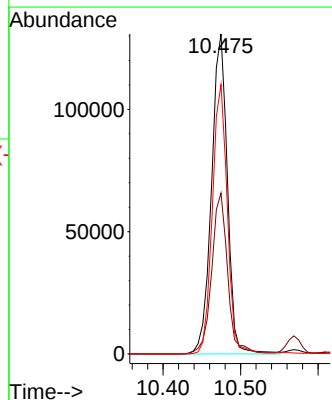
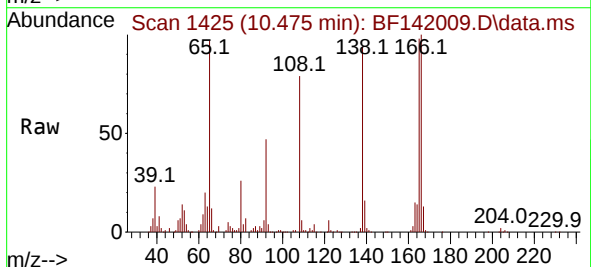
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

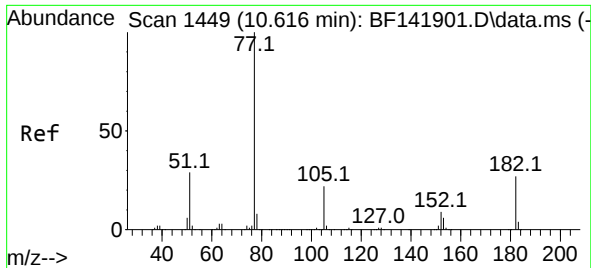
Tgt Ion:204 Resp: 464099
Ion Ratio Lower Upper
204 100
206 33.0 26.8 40.2
141 63.5 52.4 78.6



#62
4-Nitroaniline
Concen: 34.423 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF142009.D
Acq: 20 Mar 2025 14:02

Tgt Ion:138 Resp: 186354
Ion Ratio Lower Upper
138 100
92 50.3 32.6 72.6
108 84.2 65.0 105.0

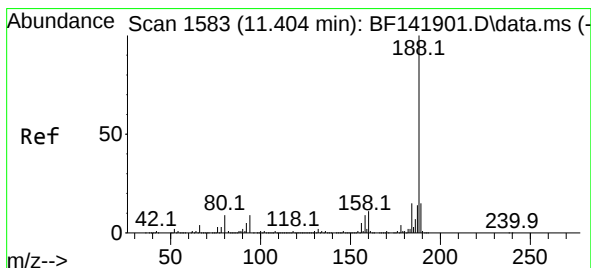
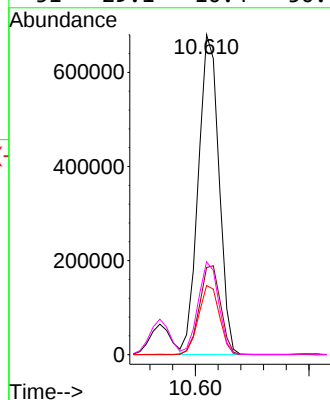
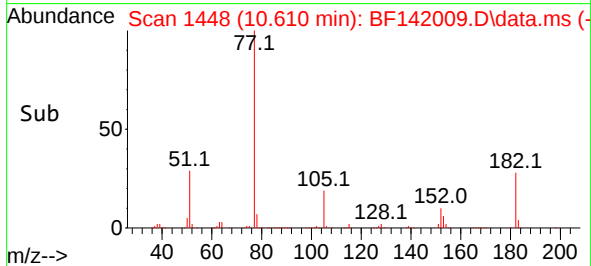
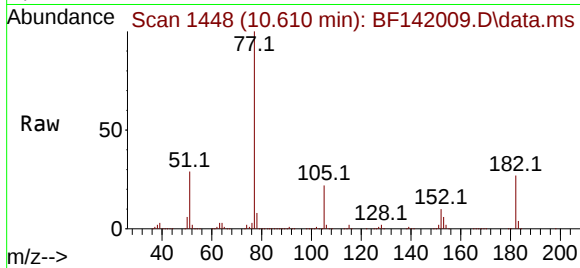




#63
Azobenzene
Concen: 35.145 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF142009.D
Acq: 20 Mar 2025 14:02

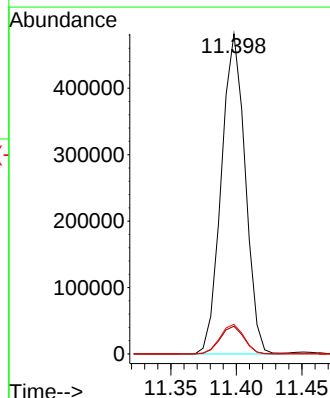
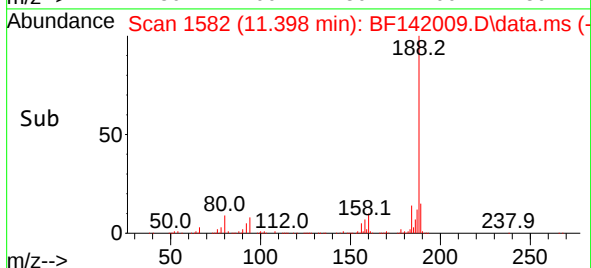
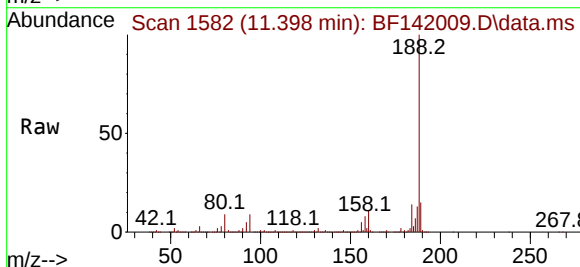
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

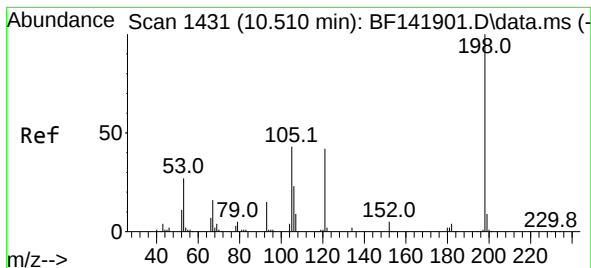
Tgt Ion: 77 Resp: 857824
Ion Ratio Lower Upper
77 100
182 27.2 6.6 46.6
105 21.6 1.3 41.3
51 29.1 10.4 50.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF142009.D
Acq: 20 Mar 2025 14:02

Tgt Ion:188 Resp: 609487
Ion Ratio Lower Upper
188 100
94 8.7 6.8 10.2
80 9.3 7.6 11.4

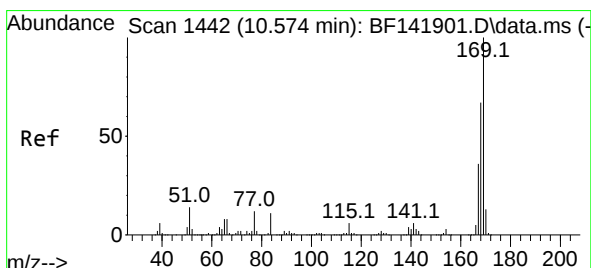
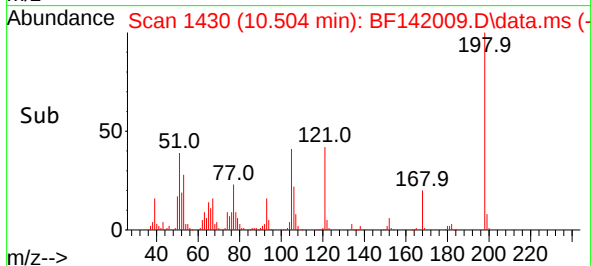
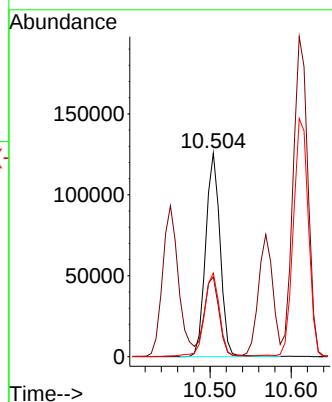
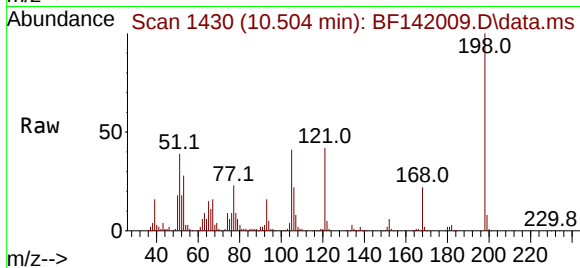




#65
4,6-Dinitro-2-methylphenol
Concen: 42.661 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF142009.D
Acq: 20 Mar 2025 14:02

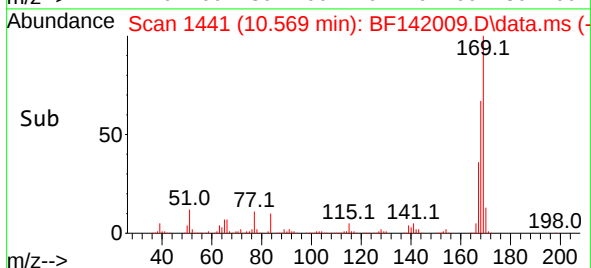
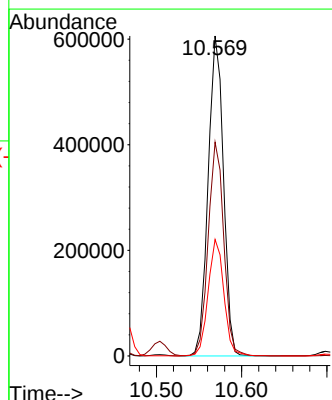
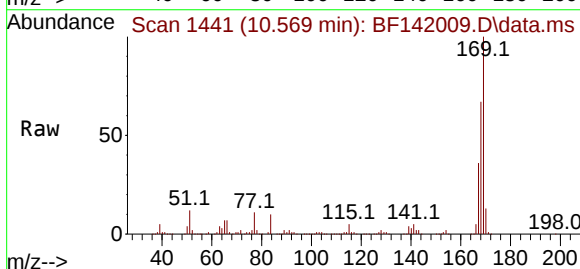
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

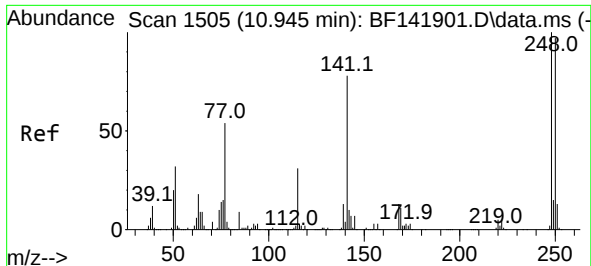
Tgt Ion:198 Resp: 155006
Ion Ratio Lower Upper
198 100
51 39.2 22.3 62.3
105 41.1 23.0 63.0



#66
n-Nitrosodiphenylamine
Concen: 38.341 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF142009.D
Acq: 20 Mar 2025 14:02

Tgt Ion:169 Resp: 756211
Ion Ratio Lower Upper
169 100
168 66.8 53.7 80.5
167 36.4 29.2 43.8

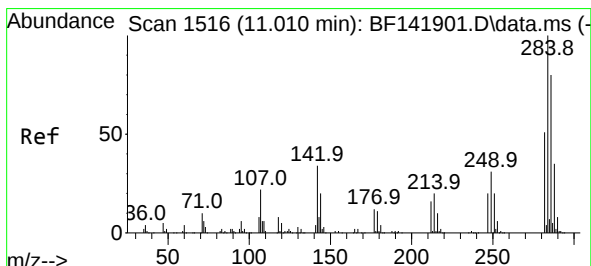
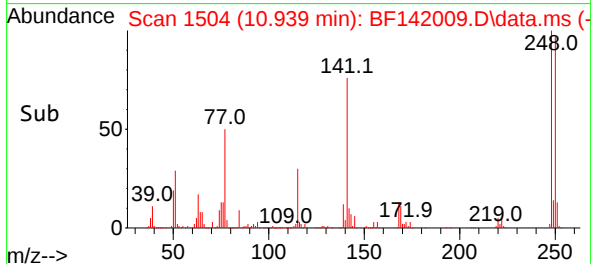
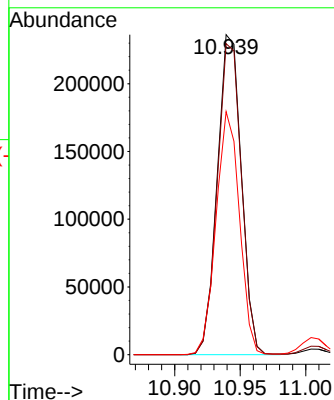
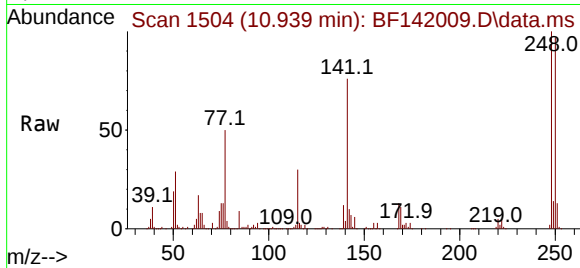




#67
4-Bromophenyl-phenylether
Concen: 39.508 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142009.D
Acq: 20 Mar 2025 14:02

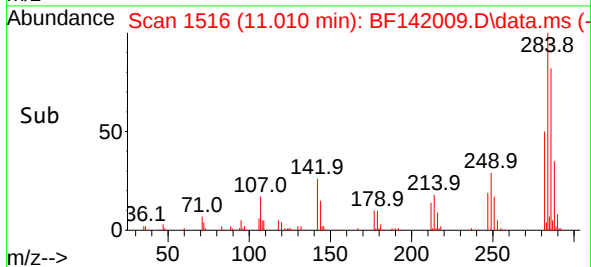
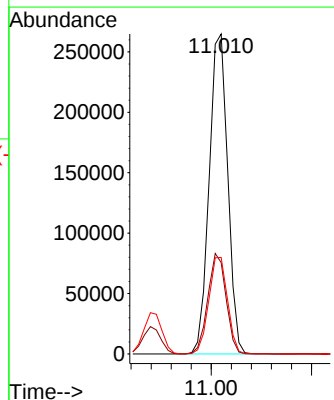
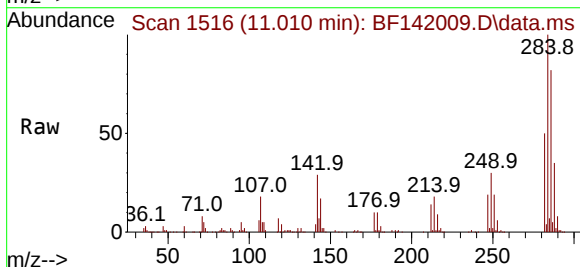
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

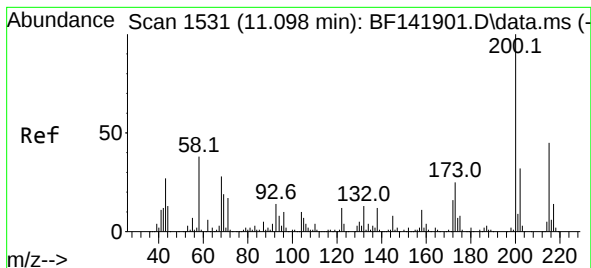
Tgt Ion:248 Resp: 302413
Ion Ratio Lower Upper
248 100
250 97.2 77.8 116.8
141 76.0 62.6 93.8



#68
Hexachlorobenzene
Concen: 40.574 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF142009.D
Acq: 20 Mar 2025 14:02

Tgt Ion:284 Resp: 340629
Ion Ratio Lower Upper
284 100
142 28.6 27.0 40.6
249 30.1 25.2 37.8





#69

Atrazine

Concen: 34.501 ng

RT: 11.092 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142009.D

Acq: 20 Mar 2025 14:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

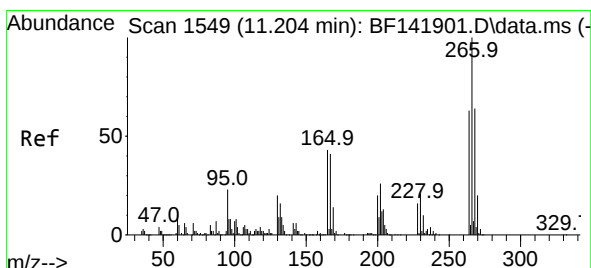
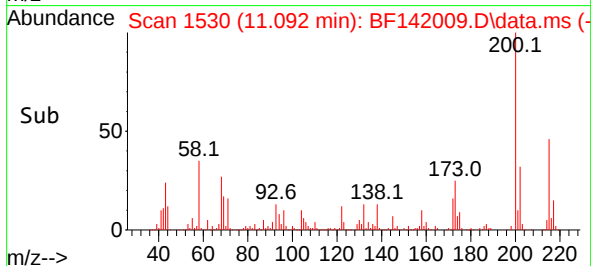
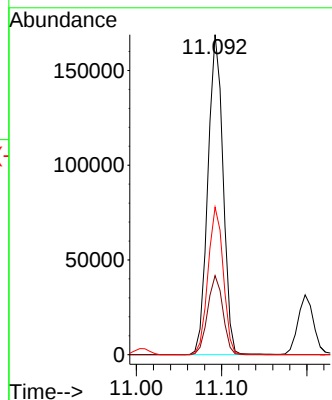
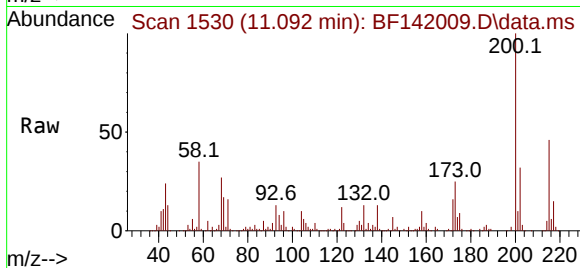
Tgt Ion:200 Resp: 208608

Ion Ratio Lower Upper

200 100

173 24.7 4.7 44.7

215 46.1 25.4 65.4



#70

Pentachlorophenol

Concen: 41.185 ng

RT: 11.198 min Scan# 1548

Delta R.T. -0.006 min

Lab File: BF142009.D

Acq: 20 Mar 2025 14:02

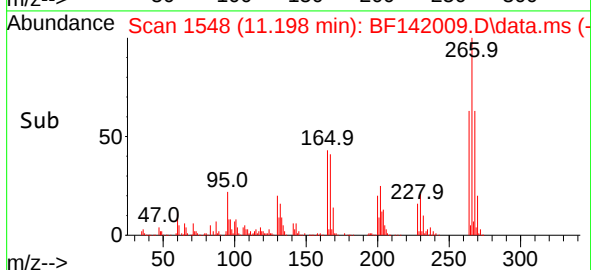
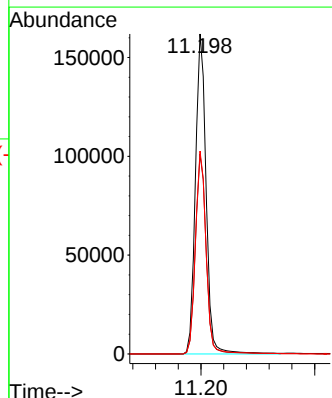
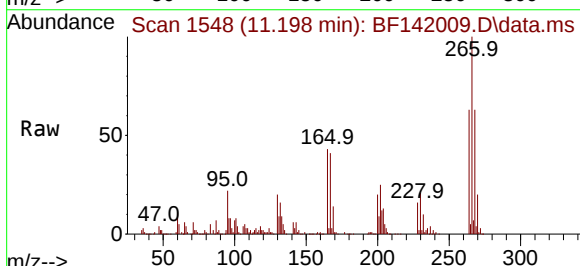
Tgt Ion:266 Resp: 213029

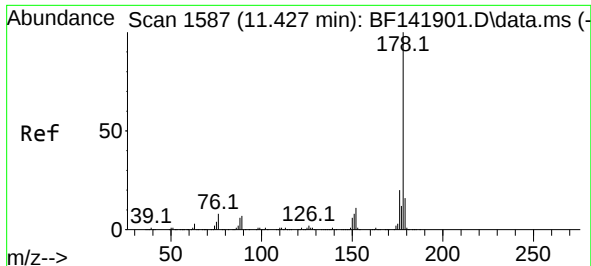
Ion Ratio Lower Upper

266 100

268 62.5 51.0 76.6

264 63.4 50.2 75.2

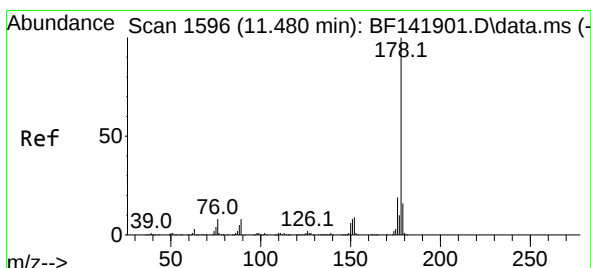
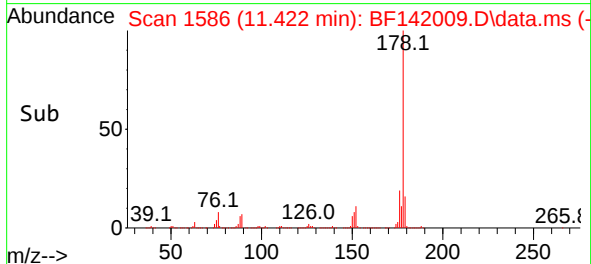
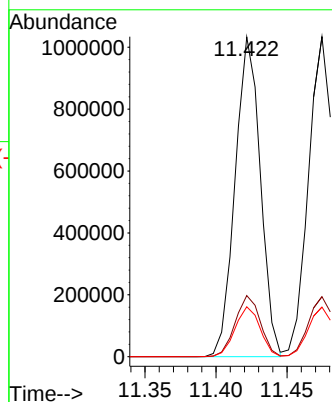
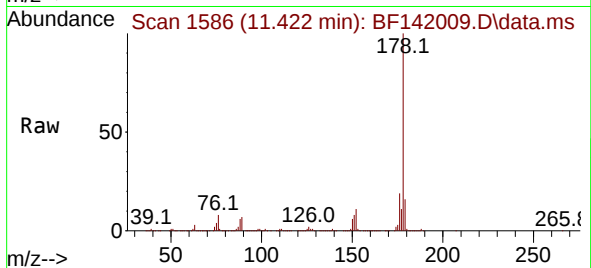




#71
Phenanthrene
Concen: 38.766 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF142009.D
Acq: 20 Mar 2025 14:02

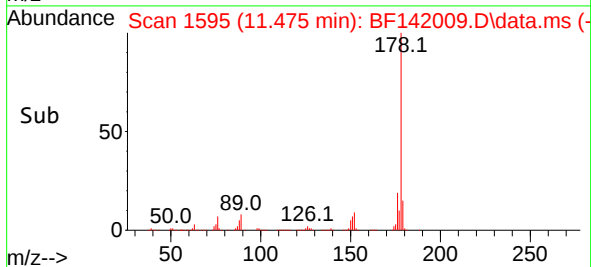
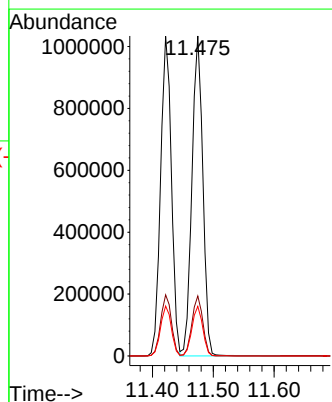
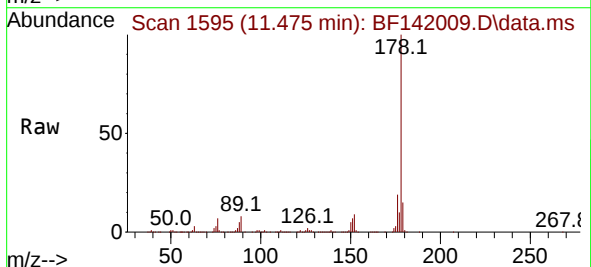
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

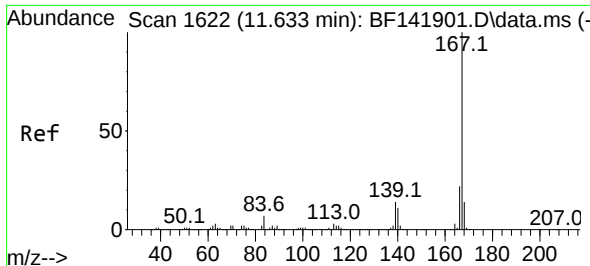
Tgt Ion:178 Resp: 1276201
Ion Ratio Lower Upper
178 100
176 19.1 15.8 23.8
179 15.6 12.6 19.0



#72
Anthracene
Concen: 38.899 ng
RT: 11.475 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF142009.D
Acq: 20 Mar 2025 14:02

Tgt Ion:178 Resp: 1284752
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 15.5 12.6 19.0

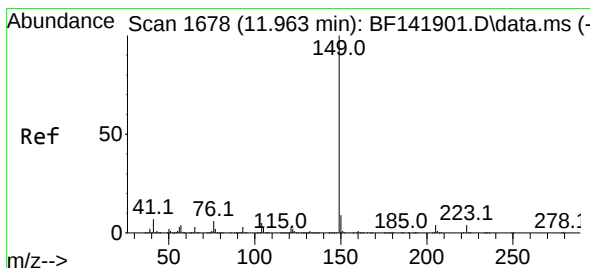
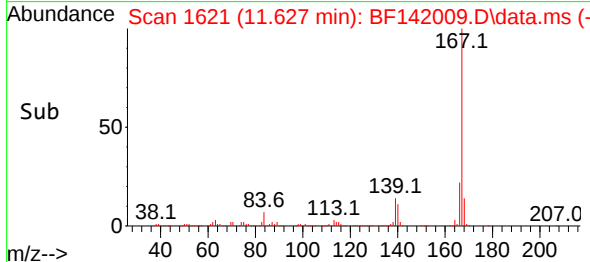
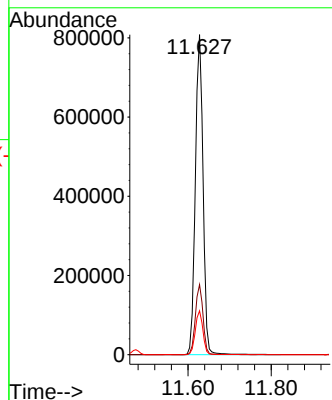
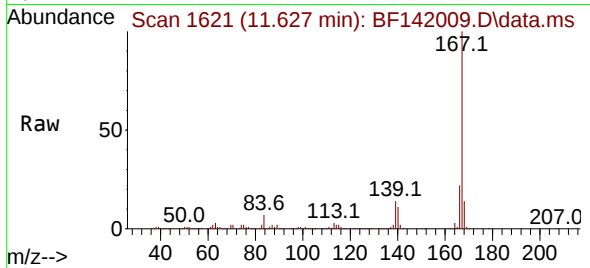




#73
 Carbazole
 Concen: 36.465 ng
 RT: 11.627 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: BF142009.D
 Acq: 20 Mar 2025 14:02

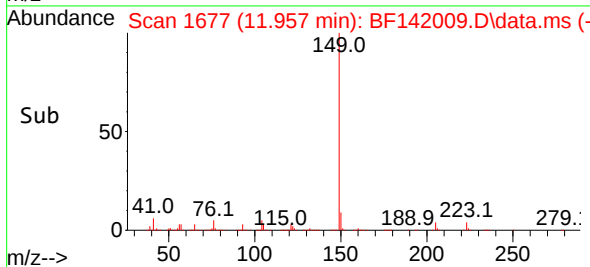
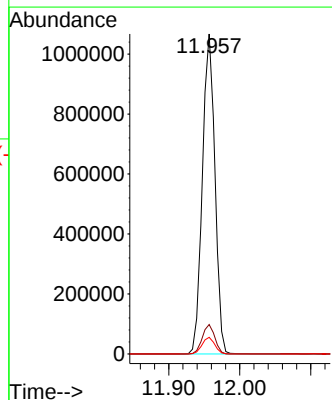
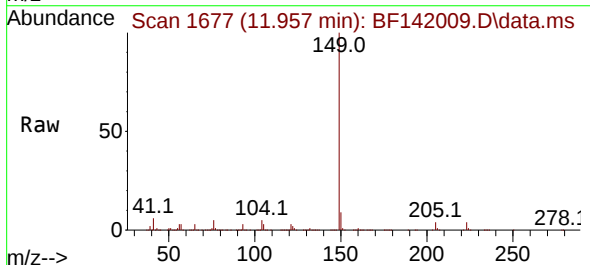
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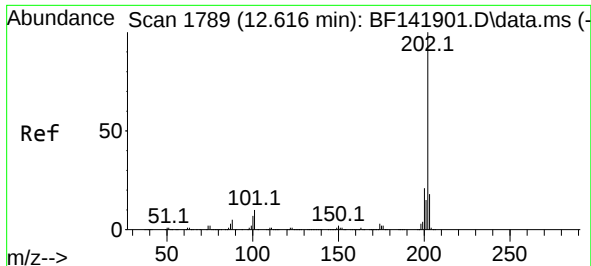
Tgt Ion:167 Resp: 1038646
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.2
 139 13.7 11.0 16.6



#74
 Di-n-butylphthalate
 Concen: 34.801 ng
 RT: 11.957 min Scan# 1677
 Delta R.T. -0.006 min
 Lab File: BF142009.D
 Acq: 20 Mar 2025 14:02

Tgt Ion:149 Resp: 1315289
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.6 11.4
 104 5.2 4.4 6.6

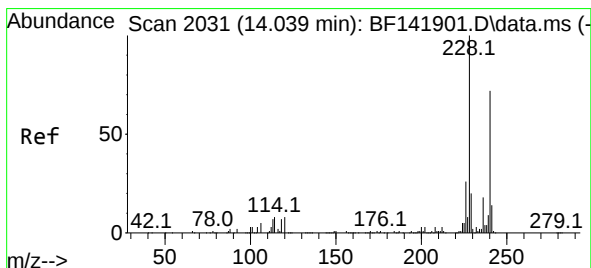
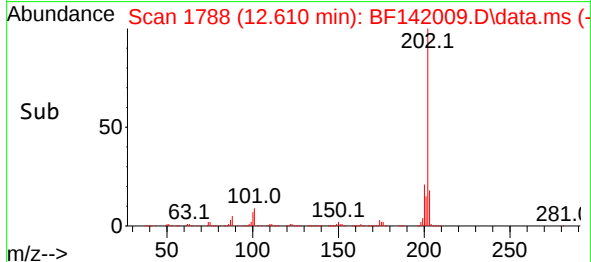
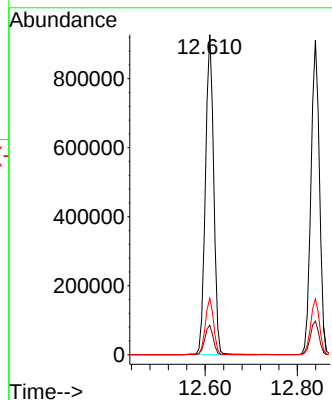
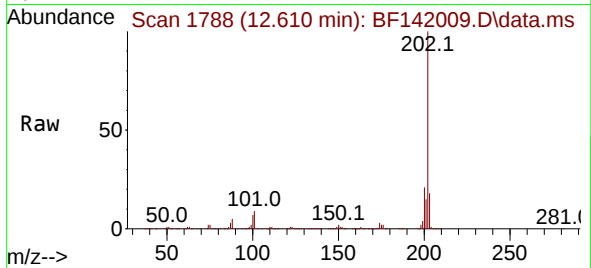




#75
Fluoranthene
Concen: 33.366 ng
RT: 12.610 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142009.D
Acq: 20 Mar 2025 14:02

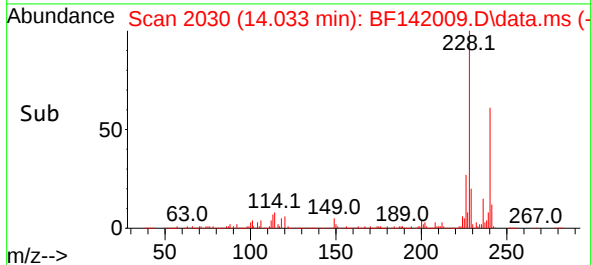
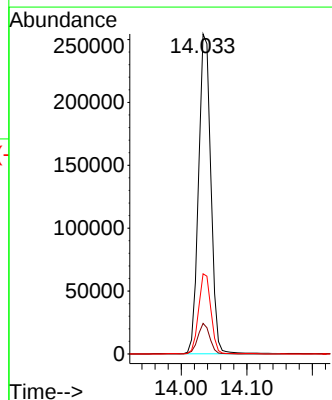
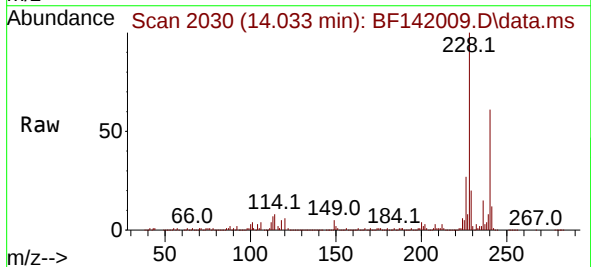
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BNA_F
ClientSampleId :
SSTDCCC040

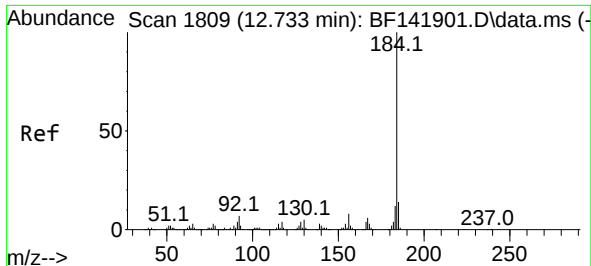
Tgt Ion:202 Resp: 1165163
Ion Ratio Lower Upper
202 100
101 9.2 0.0 29.7
203 17.6 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF142009.D
Acq: 20 Mar 2025 14:02

Tgt Ion:240 Resp: 331845
Ion Ratio Lower Upper
240 100
120 9.5 8.4 12.6
236 25.1 20.5 30.7

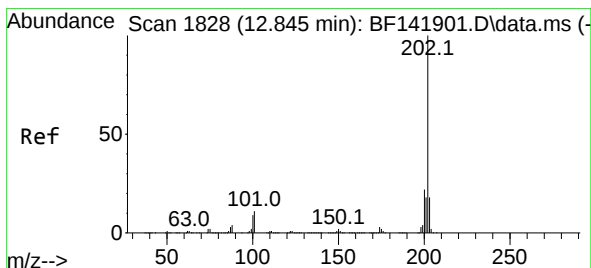
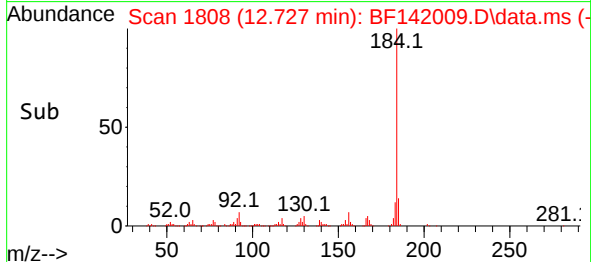
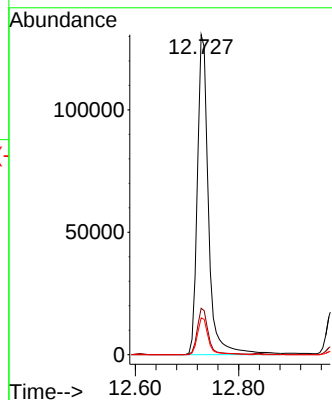
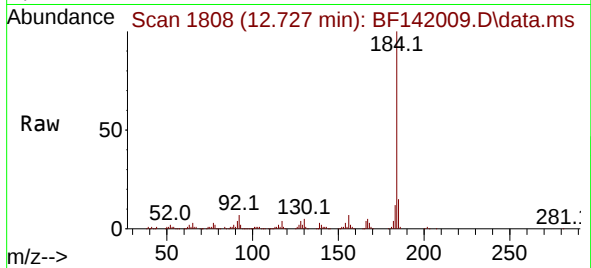




#77
Benzidine
Concen: 42.313 ng
RT: 12.727 min Scan# 1808
Delta R.T. -0.006 min
Lab File: BF142009.D
Acq: 20 Mar 2025 14:02

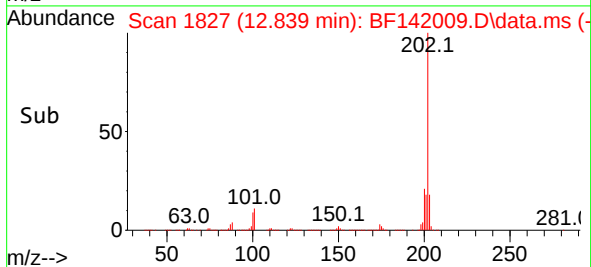
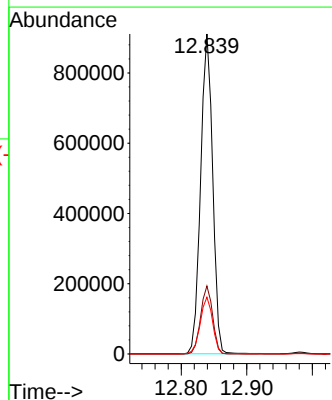
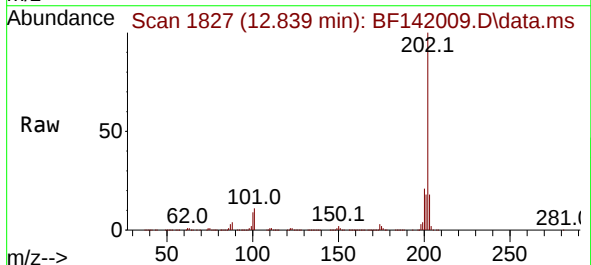
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BNA_F
ClientSampleId :
SSTDCCC040

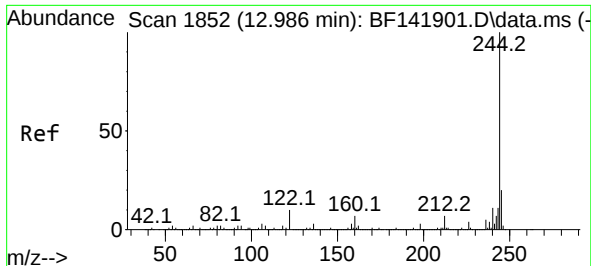
Tgt Ion:184 Resp: 195903
Ion Ratio Lower Upper
184 100
185 14.5 11.5 17.3
183 11.5 9.7 14.5



#78
Pyrene
Concen: 40.509 ng
RT: 12.839 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF142009.D
Acq: 20 Mar 2025 14:02

Tgt Ion:202 Resp: 1162798
Ion Ratio Lower Upper
202 100
200 21.3 17.3 25.9
203 17.8 14.4 21.6

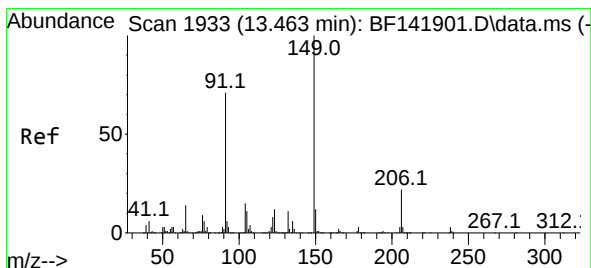
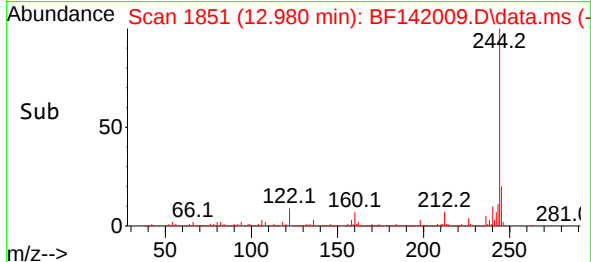
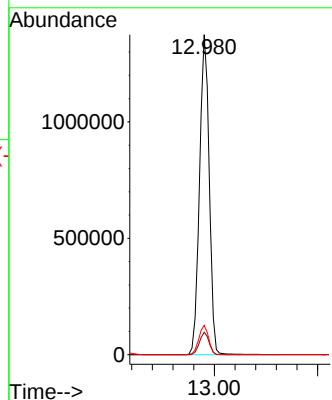
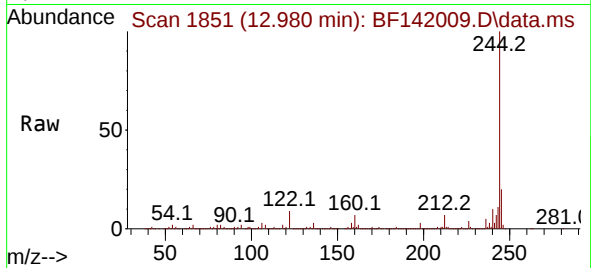




#79
 Terphenyl-d14
 Concen: 79.710 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF142009.D
 Acq: 20 Mar 2025 14:02

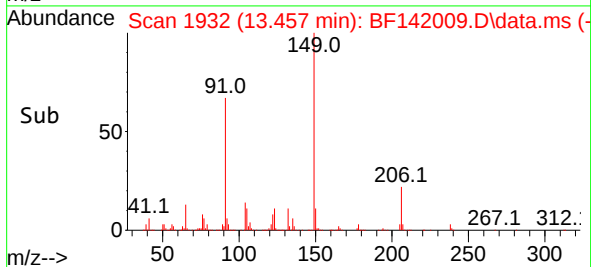
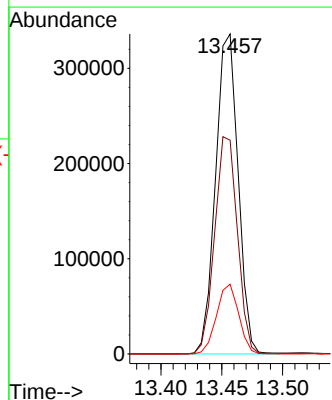
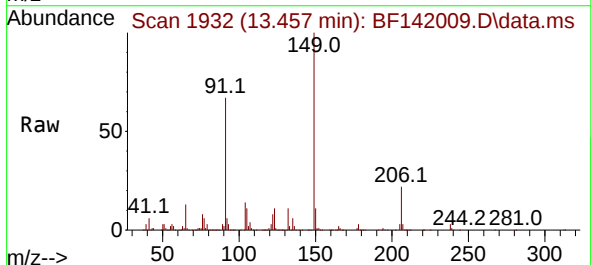
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

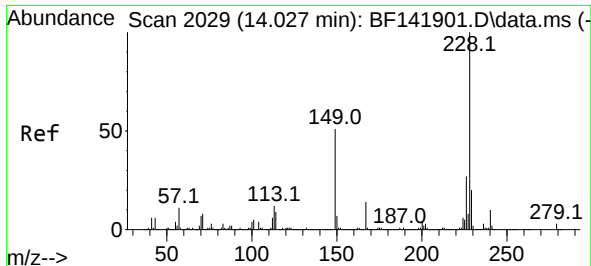
Tgt Ion:244 Resp: 1789122
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 9.2 7.7 11.5



#80
 Butylbenzylphthalate
 Concen: 38.579 ng
 RT: 13.457 min Scan# 1932
 Delta R.T. -0.006 min
 Lab File: BF142009.D
 Acq: 20 Mar 2025 14:02

Tgt Ion:149 Resp: 433441
 Ion Ratio Lower Upper
 149 100
 91 66.8 56.5 84.7
 206 21.8 17.3 25.9

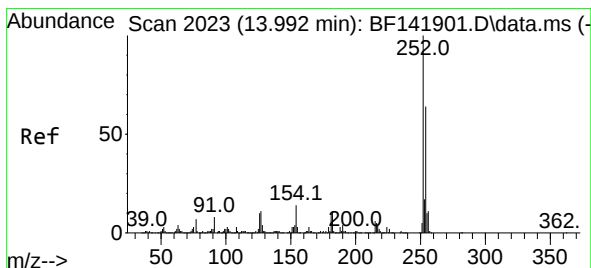
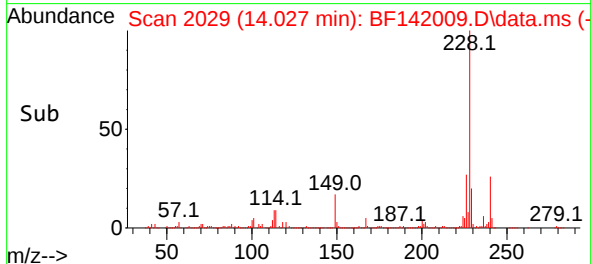
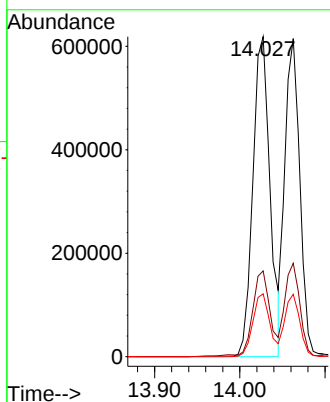
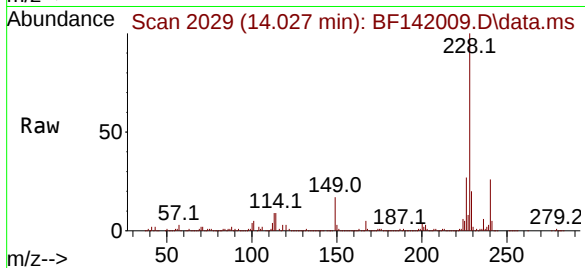




#81
Benzo(a)anthracene
Concen: 39.745 ng
RT: 14.027 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF142009.D
Acq: 20 Mar 2025 14:02

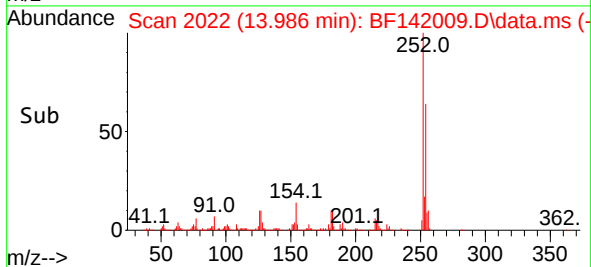
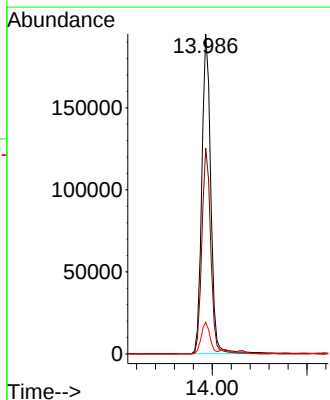
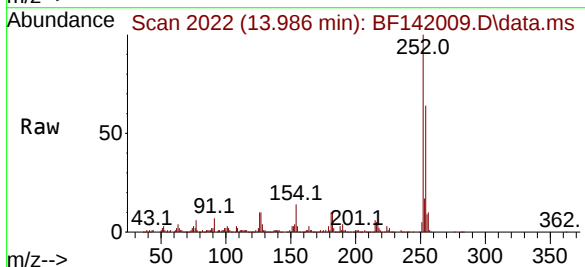
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

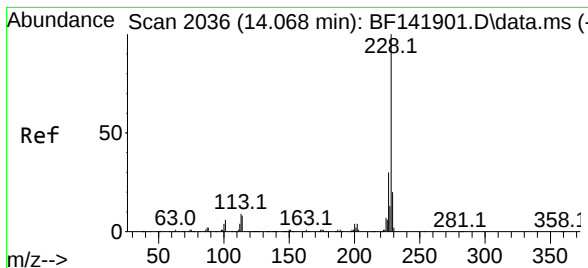
Tgt Ion:228 Resp: 865480
Ion Ratio Lower Upper
228 100
226 26.8 21.8 32.8
229 19.6 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 40.732 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF142009.D
Acq: 20 Mar 2025 14:02

Tgt Ion:252 Resp: 256321
Ion Ratio Lower Upper
252 100
254 64.4 51.0 76.6
126 9.9 8.4 12.6





#83

Chrysene

Concen: 38.180 ng

RT: 14.063 min Scan# 2036

Delta R.T. -0.006 min

Lab File: BF142009.D

Acq: 20 Mar 2025 14:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

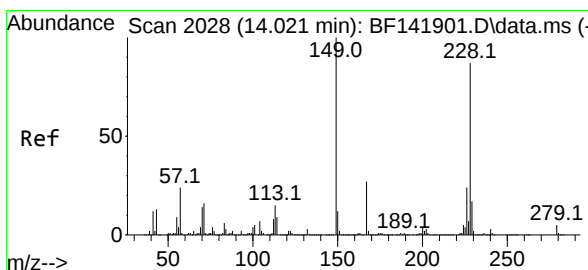
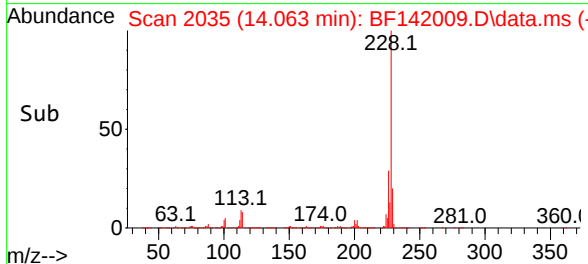
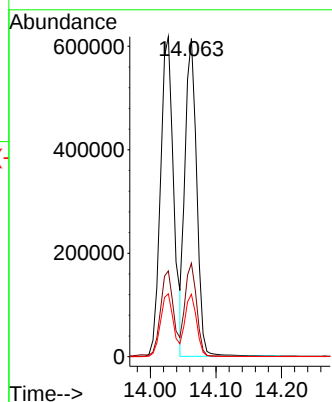
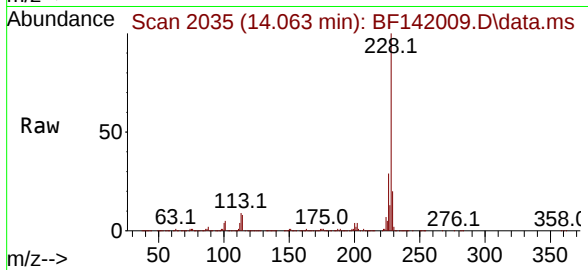
Tgt Ion:228 Resp: 753628

Ion Ratio Lower Upper

228 100

226 29.4 24.1 36.1

229 19.6 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.157 ng

RT: 14.016 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF142009.D

Acq: 20 Mar 2025 14:02

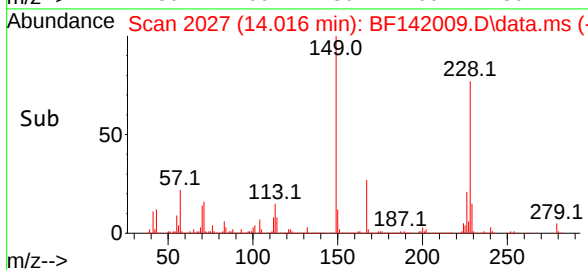
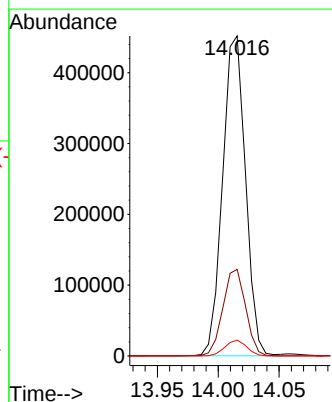
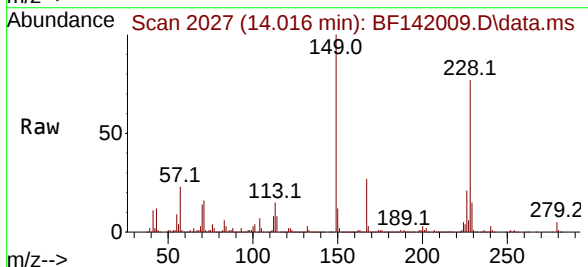
Tgt Ion:149 Resp: 591083

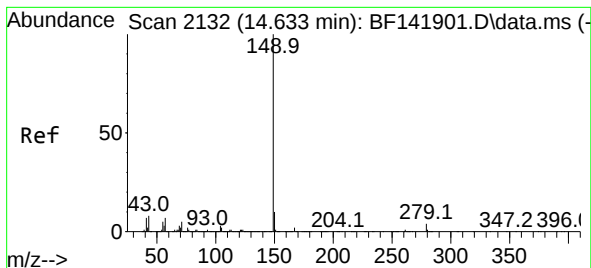
Ion Ratio Lower Upper

149 100

167 27.1 21.4 32.0

279 4.9 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 41.591 ng

RT: 14.627 min Scan# 2132

Delta R.T. -0.006 min

Lab File: BF142009.D

Acq: 20 Mar 2025 14:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

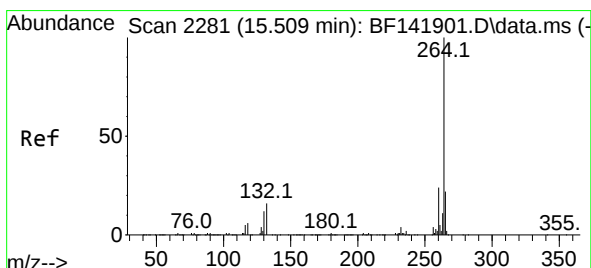
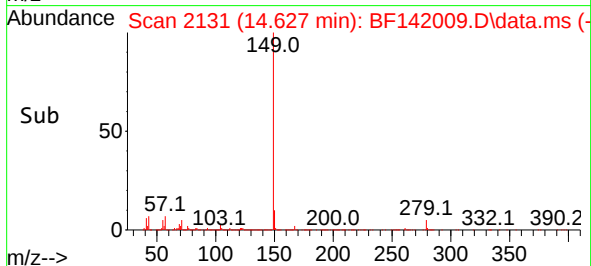
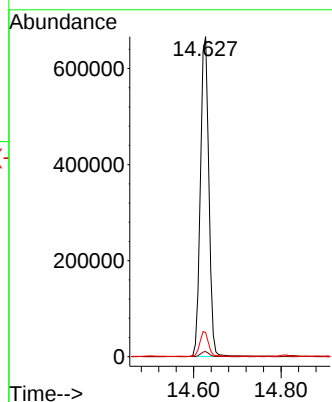
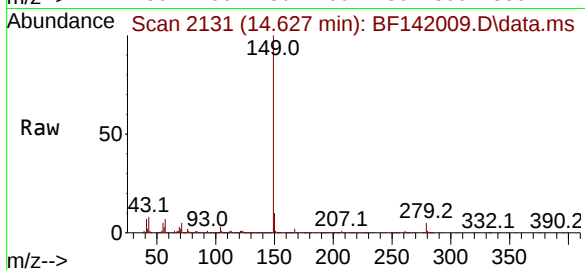
Tgt Ion:149 Resp: 896460

Ion Ratio Lower Upper

149 100

167 1.7 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: BF142009.D

Acq: 20 Mar 2025 14:02

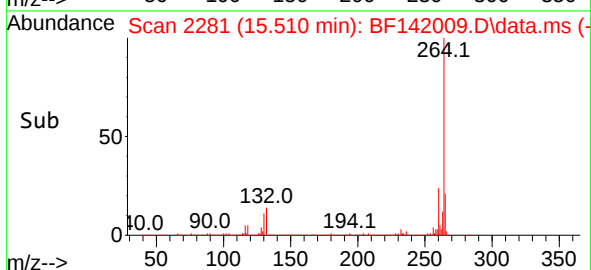
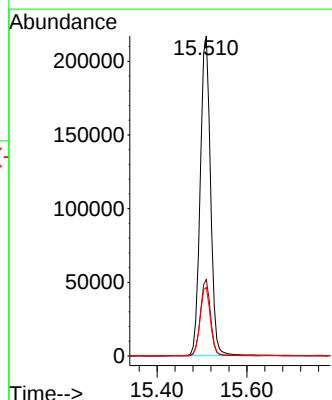
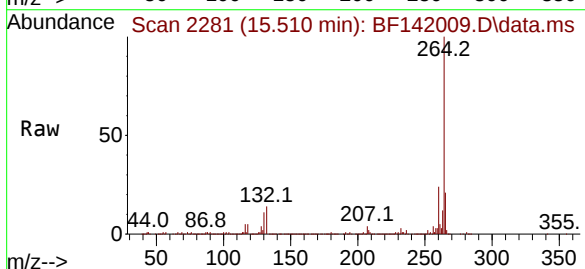
Tgt Ion:264 Resp: 344730

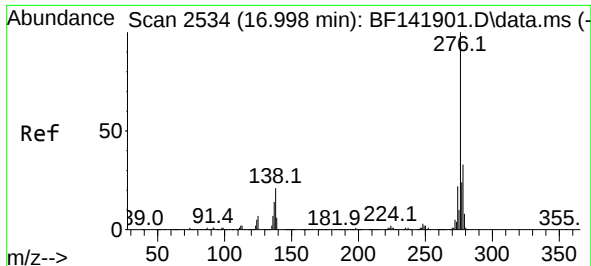
Ion Ratio Lower Upper

264 100

260 23.9 19.1 28.7

265 21.4 17.5 26.3

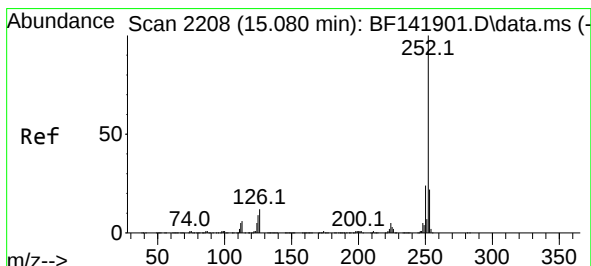
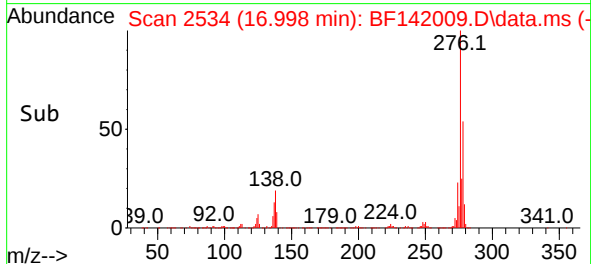
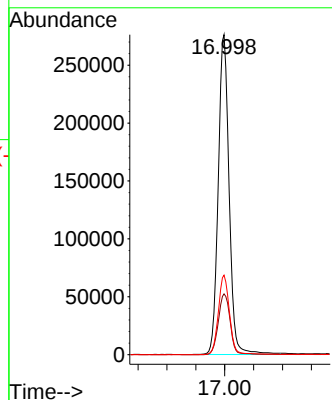
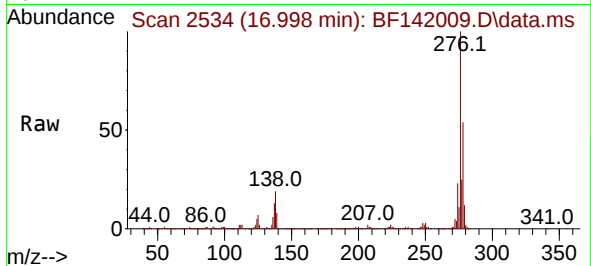




#87
Indeno(1,2,3-cd)pyrene
Concen: 32.457 ng
RT: 16.998 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF142009.D
Acq: 20 Mar 2025 14:02

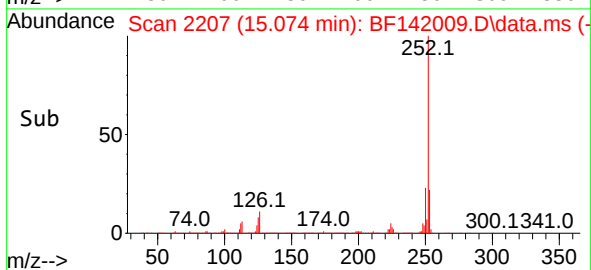
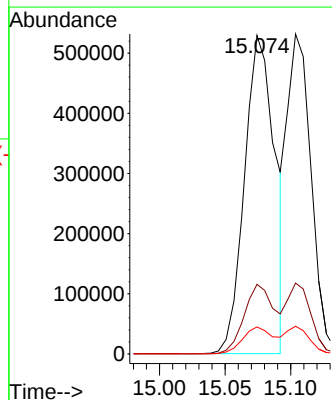
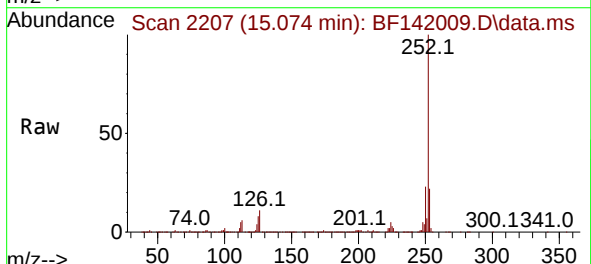
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

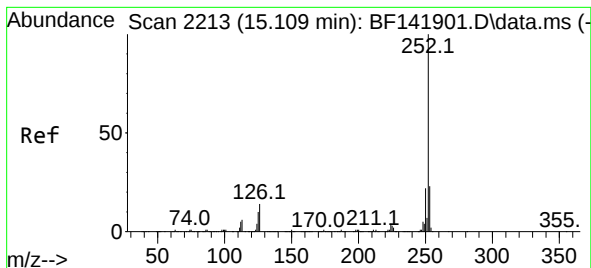
Tgt Ion:276 Resp: 723801
Ion Ratio Lower Upper
276 100
138 20.8 18.4 27.6
277 25.8 20.3 30.5



#88
Benzo(b)fluoranthene
Concen: 36.165 ng
RT: 15.074 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BF142009.D
Acq: 20 Mar 2025 14:02

Tgt Ion:252 Resp: 854447
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 8.5 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 33.979 ng

RT: 15.104 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142009.D

Acq: 20 Mar 2025 14:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

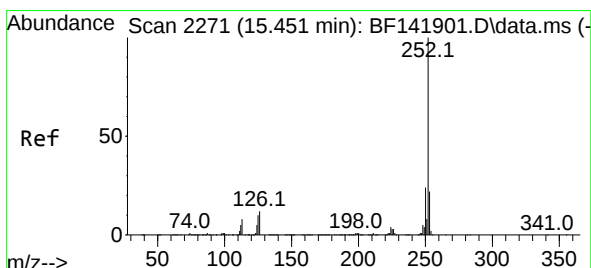
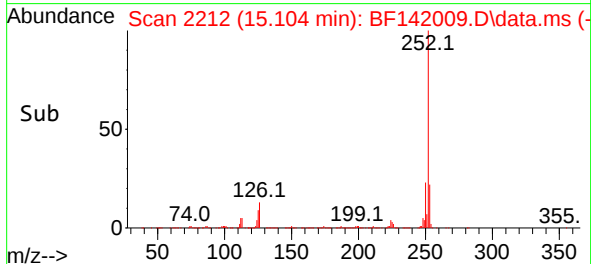
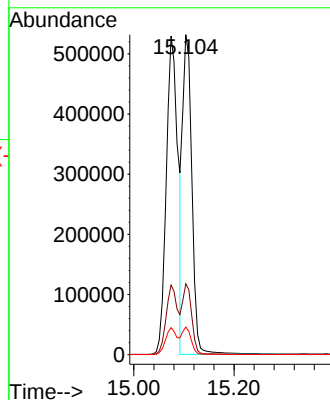
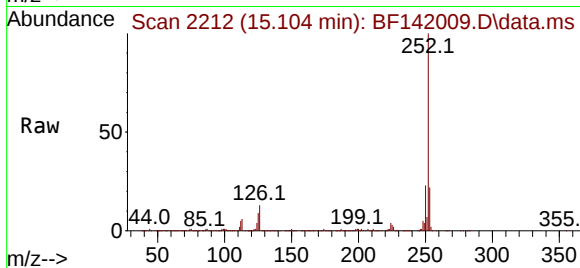
Tgt Ion:252 Resp: 687007

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 8.7 7.2 10.8



#90

Benzo(a)pyrene

Concen: 37.535 ng

RT: 15.445 min Scan# 2270

Delta R.T. -0.006 min

Lab File: BF142009.D

Acq: 20 Mar 2025 14:02

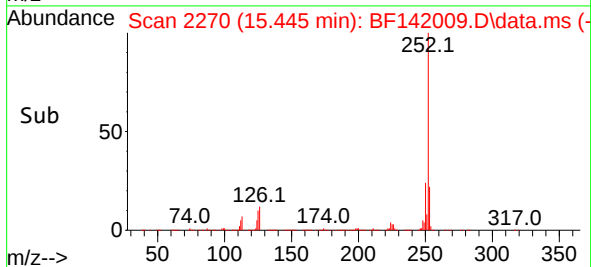
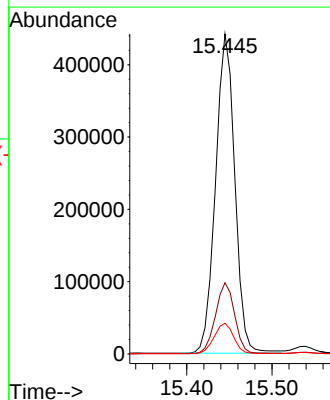
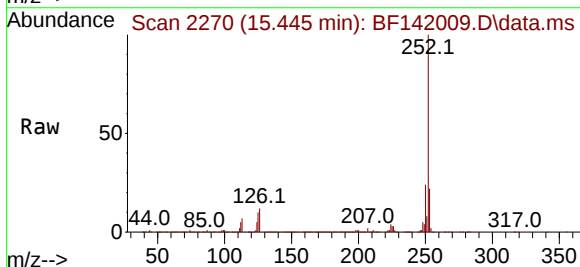
Tgt Ion:252 Resp: 693901

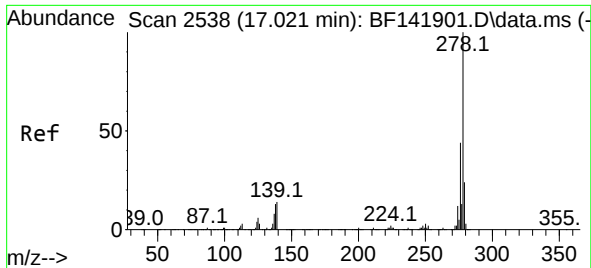
Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

125 9.6 7.8 11.8

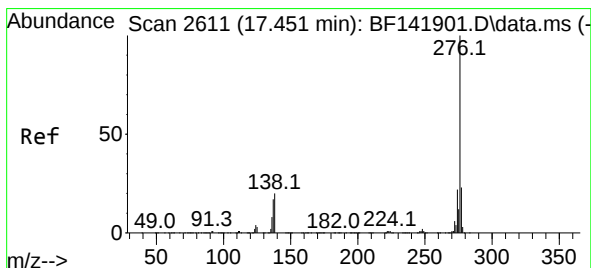
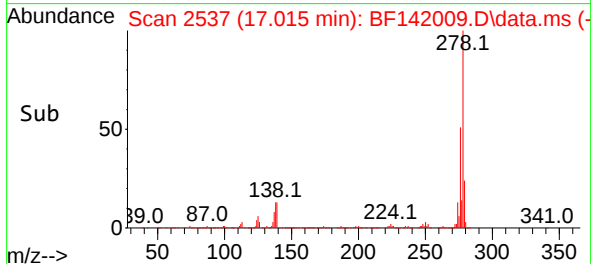
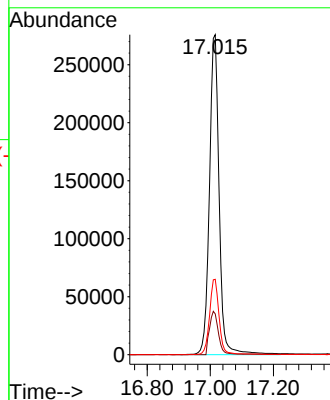
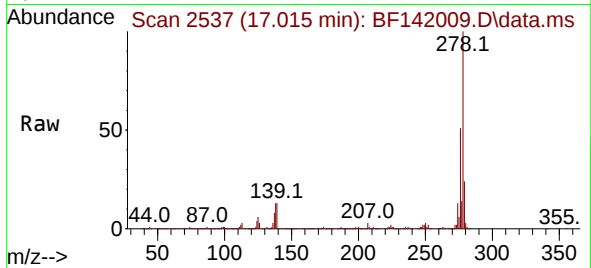




#91
Dibenzo(a,h)anthracene
Concen: 31.967 ng
RT: 17.015 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142009.D
Acq: 20 Mar 2025 14:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 588175
Ion Ratio Lower Upper
278 100
139 12.7 11.4 17.2
279 23.6 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 32.509 ng
RT: 17.445 min Scan# 2610
Delta R.T. -0.006 min
Lab File: BF142009.D
Acq: 20 Mar 2025 14:02

Tgt Ion:276 Resp: 591084
Ion Ratio Lower Upper
276 100
277 23.5 18.7 28.1
138 18.0 15.8 23.8

