

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021225\
 Data File : BF141577.D
 Acq On : 12 Feb 2025 09:32
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 12 10:23:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	90132	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	340367	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	176708	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	278375	20.000	ng	0.00
76) Chrysene-d12	13.963	240	186637	20.000	ng	0.00
86) Perylene-d12	15.445	264	201194	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	459641	79.949	ng	0.00
7) Phenol-d6	6.434	99	555279	76.417	ng	0.00
23) Nitrobenzene-d5	7.357	82	506676	77.644	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	131613	74.143	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	933438	81.383	ng	0.00
79) Terphenyl-d14	12.898	244	850283	76.910	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.463	88	89789	38.804	ng	99
3) Pyridine	3.199	79	211511	38.413	ng	96
4) n-Nitrosodimethylamine	3.146	42	135983	37.297	ng	98
6) Aniline	6.451	93	225725	33.116	ng	94
8) 2-Chlorophenol	6.581	128	242992	39.115	ng	99
9) Benzaldehyde	6.340	77	133104	34.470	ng	100
10) Phenol	6.445	94	288757	38.180	ng	93
11) bis(2-Chloroethyl)ether	6.528	93	216113	38.044	ng	99
12) 1,3-Dichlorobenzene	6.728	146	259808	39.615	ng	98
13) 1,4-Dichlorobenzene	6.810	146	262245	39.137	ng	98
14) 1,2-Dichlorobenzene	6.963	146	246969	39.712	ng	99
15) Benzyl Alcohol	6.934	79	212372	38.112	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.069	45	370626	38.114	ng	100
17) 2-Methylphenol	7.051	107	187540	38.577	ng	98
18) Hexachloroethane	7.298	117	98023	39.528	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	161268	37.103	ng	97
20) 3+4-Methylphenols	7.204	107	230662	37.335	ng	99
22) Acetophenone	7.198	105	326972	38.618	ng	98
24) Nitrobenzene	7.375	77	246035	38.665	ng	99
25) Isophorone	7.610	82	399739	38.418	ng	99
26) 2-Nitrophenol	7.692	139	127925	40.408	ng	94
27) 2,4-Dimethylphenol	7.728	122	148698	40.206	ng	97
28) bis(2-Chloroethoxy)met...	7.822	93	265525	39.825	ng	99
29) 2,4-Dichlorophenol	7.939	162	198404	39.704	ng	99
30) 1,2,4-Trichlorobenzene	8.016	180	220015	40.431	ng	99
31) Naphthalene	8.092	128	701814	39.612	ng	100
32) Benzoic acid	7.851	122	134626	35.044	ng	98
33) 4-Chloroaniline	8.145	127	208014	33.628	ng	99
34) Hexachlorobutadiene	8.210	225	132130	40.446	ng	99
35) Caprolactam	8.516	113	56374	37.052	ng	92
36) 4-Chloro-3-methylphenol	8.633	107	208015	37.579	ng	98
37) 2-Methylnaphthalene	8.781	142	448446	38.896	ng	99
38) 1-Methylnaphthalene	8.881	142	430308	38.536	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	212081	41.484	ng	99
41) Hexachlorocyclopentadiene	8.933	237	58685	34.512	ng	98
43) 2,4,6-Trichlorophenol	9.063	196	132758	40.179	ng	99

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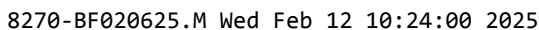
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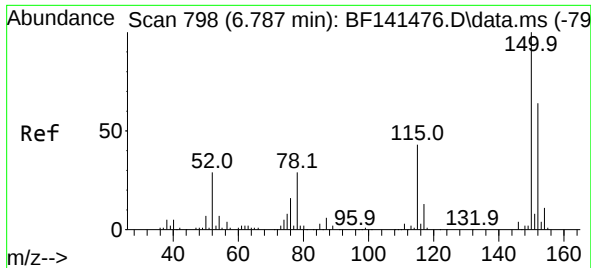
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	141424	39.493	ng	98
46) 1,1'-Biphenyl	9.245	154	561647	40.997	ng	100
47) 2-Chloronaphthalene	9.275	162	406903	40.166	ng	99
48) 2-Nitroaniline	9.369	65	128747	37.868	ng	99
49) Acenaphthylene	9.686	152	599776	39.804	ng	99
50) Dimethylphthalate	9.551	163	469745	39.158	ng	99
51) 2,6-Dinitrotoluene	9.616	165	102416	39.053	ng	94
52) Acenaphthene	9.857	154	399056	39.393	ng	98
53) 3-Nitroaniline	9.780	138	104872	37.155	ng	100
54) 2,4-Dinitrophenol	9.892	184	53728	34.472	ng	94
55) Dibenzofuran	10.028	168	585919	39.405	ng	100
56) 4-Nitrophenol	9.957	139	70367	33.584	ng	91
57) 2,4-Dinitrotoluene	10.016	165	130961	37.512	ng	97
58) Fluorene	10.375	166	440944	38.353	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	114176	37.034	ng	98
60) Diethylphthalate	10.245	149	446928	37.866	ng	100
61) 4-Chlorophenyl-phenyle...	10.363	204	217807	39.379	ng	99
62) 4-Nitroaniline	10.392	138	101054	35.259	ng	97
63) Azobenzene	10.527	77	443930	37.834	ng	96
65) 4,6-Dinitro-2-methylph...	10.427	198	75508	39.048	ng	95
66) n-Nitrosodiphenylamine	10.486	169	375340	42.121	ng	100
67) 4-Bromophenyl-phenylether	10.857	248	130851	42.058	ng	100
68) Hexachlorobenzene	10.922	284	131383	41.010	ng	98
69) Atrazine	11.010	200	94795	35.460	ng	98
70) Pentachlorophenol	11.122	266	74774	36.502	ng	100
71) Phenanthrene	11.333	178	611394	39.900	ng	100
72) Anthracene	11.386	178	616552	40.026	ng	100
73) Carbazole	11.545	167	527937	38.091	ng	100
74) Di-n-butylphthalate	11.874	149	633213	39.567	ng	100
75) Fluoranthene	12.521	202	607465	37.392	ng	99
77) Benzidine	12.651	184	103753	25.206	ng	99
78) Pyrene	12.751	202	613334	38.604	ng	100
80) Butylbenzylphthalate	13.374	149	224368	40.771	ng	97
81) Benzo(a)anthracene	13.951	228	477962	38.525	ng	99
82) 3,3'-Dichlorobenzidine	13.916	252	163180	45.916	ng	99
83) Chrysene	13.992	228	467091	40.775	ng	100
84) Bis(2-ethylhexyl)phtha...	13.939	149	299552	48.263	ng	99
85) Di-n-octyl phthalate	14.586	149	516572	58.342	ng	99
87) Indeno(1,2,3-cd)pyrene	16.898	276	560873	45.117	ng	99
88) Benzo(b)fluoranthene	15.027	252	490290	36.293	ng	99
89) Benzo(k)fluoranthene	15.057	252	458003	39.703	ng	98
90) Benzo(a)pyrene	15.386	252	429972	39.334	ng	99
91) Dibenzo(a,h)anthracene	16.909	278	452781	44.949	ng	99
92) Benzo(g,h,i)perylene	17.333	276	481599	45.688	ng	99

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

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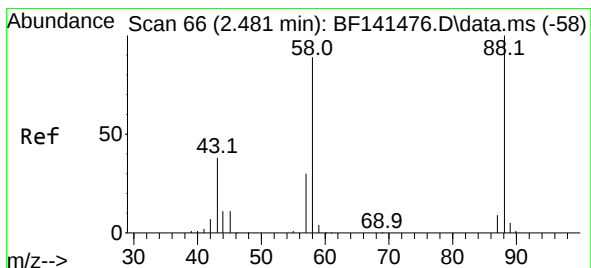
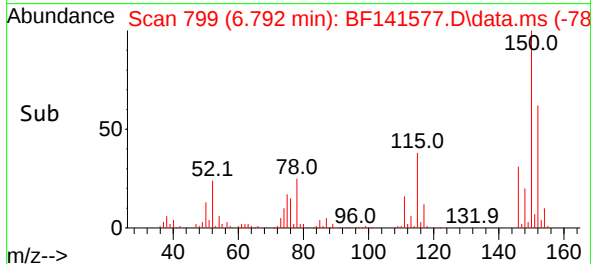
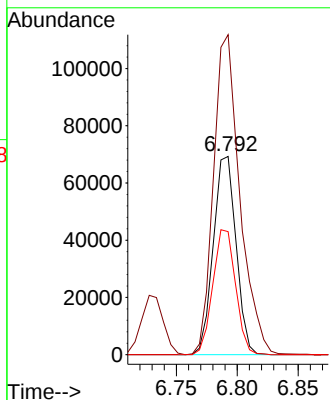
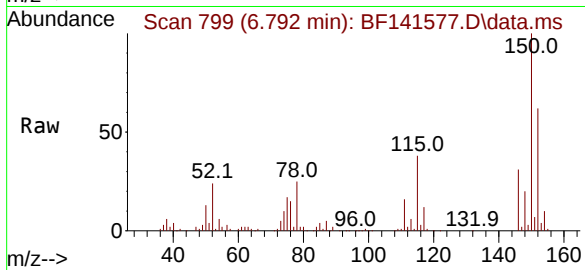




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: BF141577.D
 Acq: 12 Feb 2025 09:32

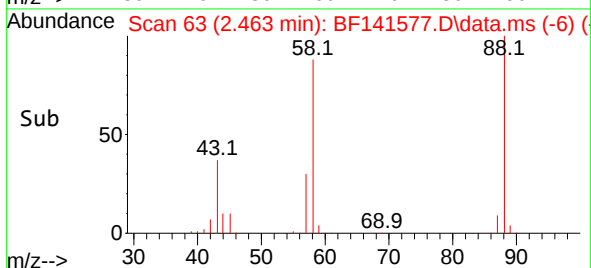
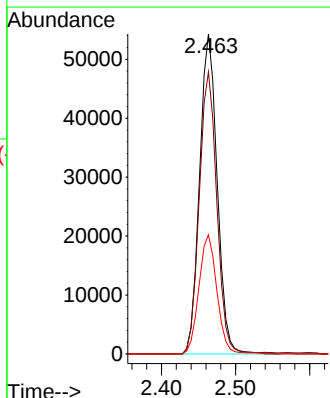
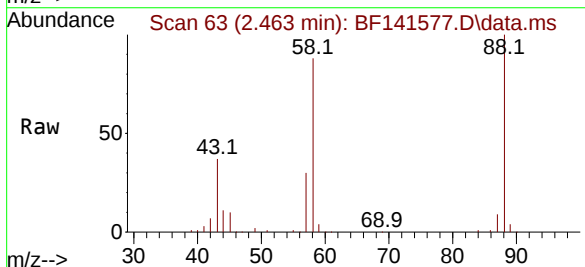
Instrument :
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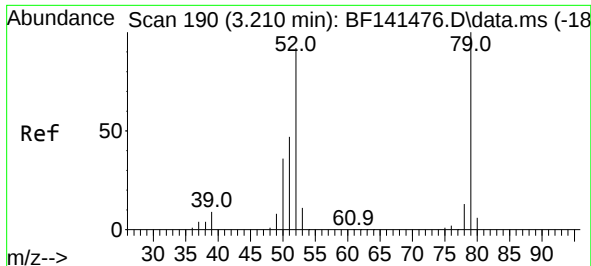
Tgt Ion:152 Resp: 90132
 Ion Ratio Lower Upper
 152 100
 150 161.4 125.0 187.4
 115 62.1 53.6 80.4



#2
 1,4-Dioxane
 Concen: 38.804 ng
 RT: 2.463 min Scan# 63
 Delta R.T. -0.018 min
 Lab File: BF141577.D
 Acq: 12 Feb 2025 09:32

Tgt Ion: 88 Resp: 89789
 Ion Ratio Lower Upper
 88 100
 58 87.6 71.1 106.7
 43 38.2 30.6 46.0





#3

Pyridine

Concen: 38.413 ng

RT: 3.199 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF141577.D

Acq: 12 Feb 2025 09:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

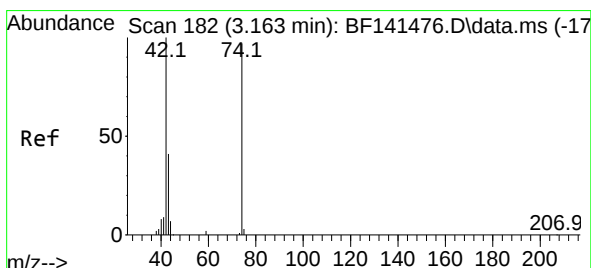
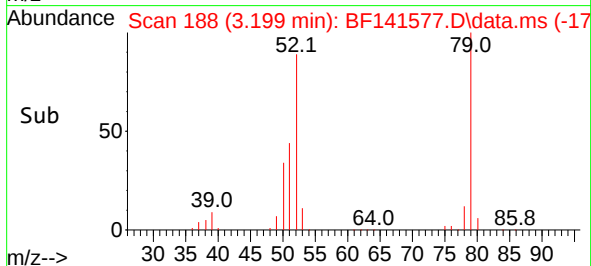
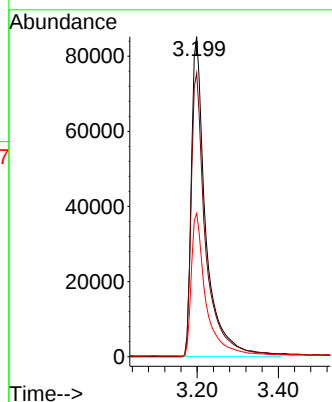
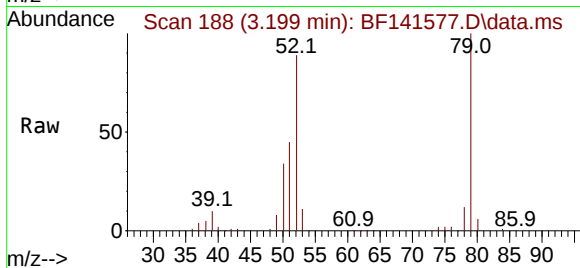
Tgt Ion: 79 Resp: 211511

Ion Ratio Lower Upper

79 100

52 88.6 73.7 110.5

51 44.8 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 37.297 ng

RT: 3.146 min Scan# 179

Delta R.T. -0.041 min

Lab File: BF141577.D

Acq: 12 Feb 2025 09:32

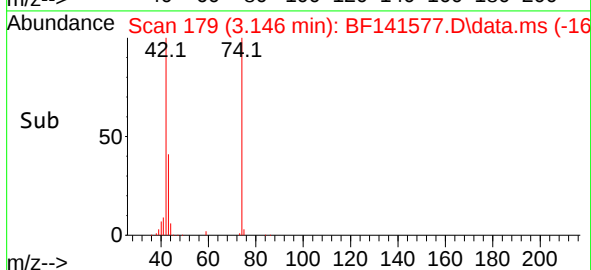
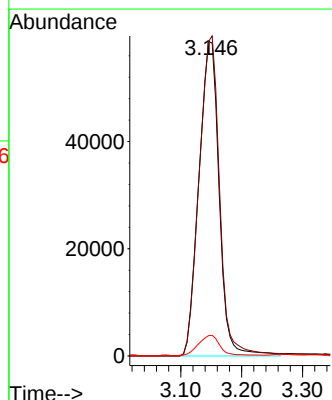
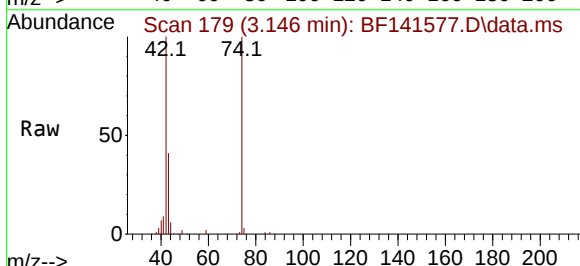
Tgt Ion: 42 Resp: 135983

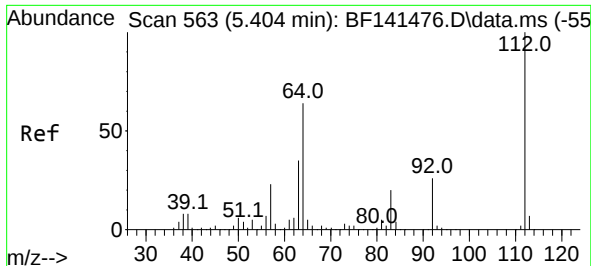
Ion Ratio Lower Upper

42 100

74 100.0 78.0 117.0

44 6.4 5.4 8.2

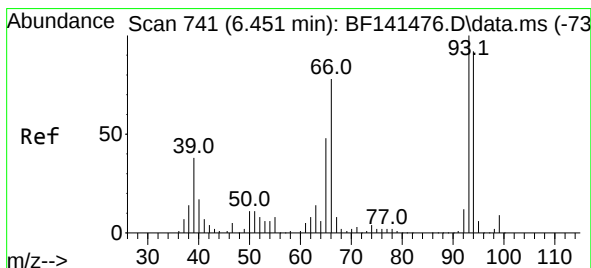
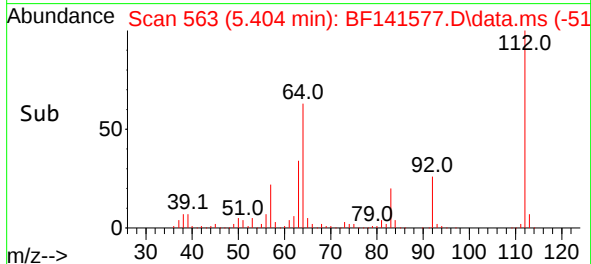
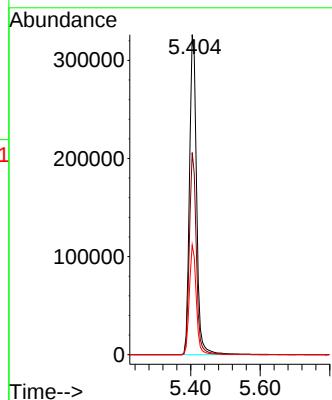
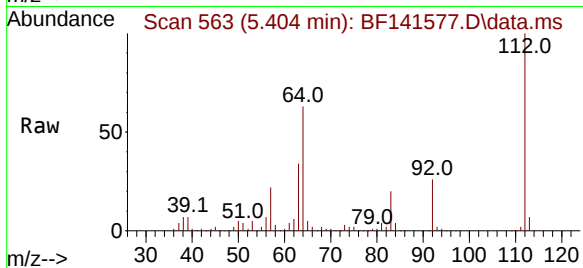




#5
2-Fluorophenol
Concen: 79.949 ng
RT: 5.404 min Scan# 563
Delta R.T. -0.006 min
Lab File: BF141577.D
Acq: 12 Feb 2025 09:32

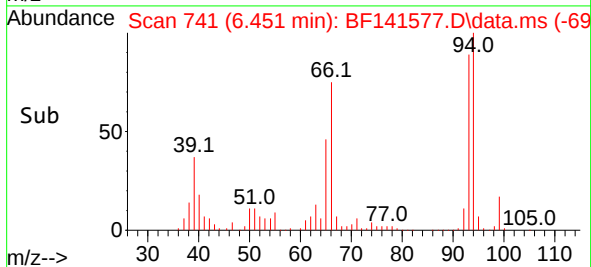
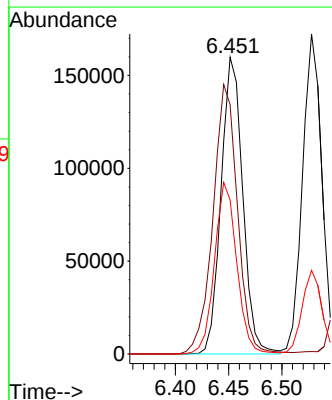
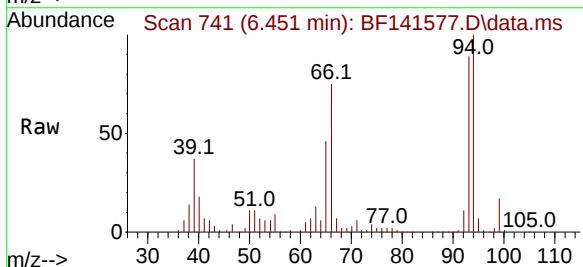
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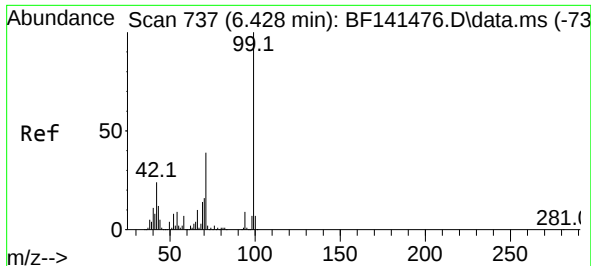
Tgt Ion:112 Resp: 459641
Ion Ratio Lower Upper
112 100
64 63.2 51.1 76.7
63 34.3 28.4 42.6



#6
Aniline
Concen: 33.116 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF141577.D
Acq: 12 Feb 2025 09:32

Tgt Ion: 93 Resp: 225725
Ion Ratio Lower Upper
93 100
66 84.0 62.6 94.0
65 51.9 38.3 57.5

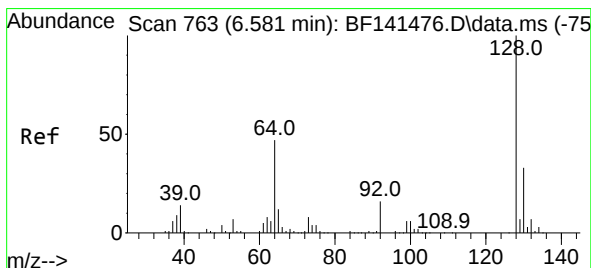
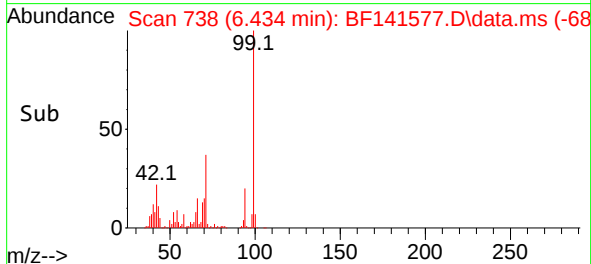
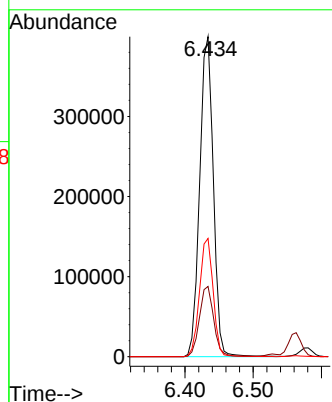
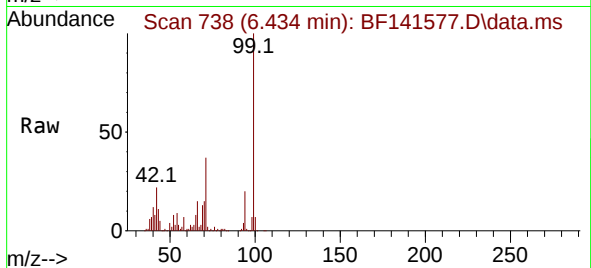




#7
Phenol-d6
Concen: 76.417 ng
RT: 6.434 min Scan# 714
Delta R.T. -0.006 min
Lab File: BF141577.D
Acq: 12 Feb 2025 09:32

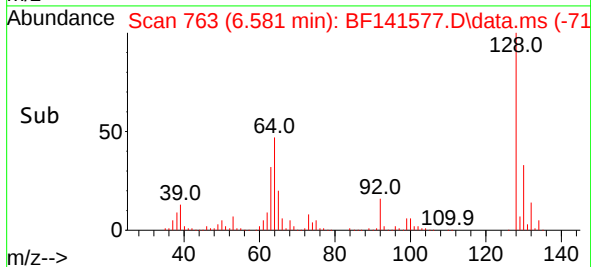
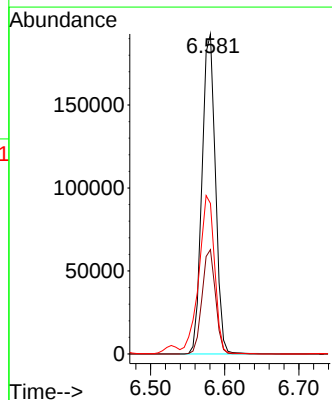
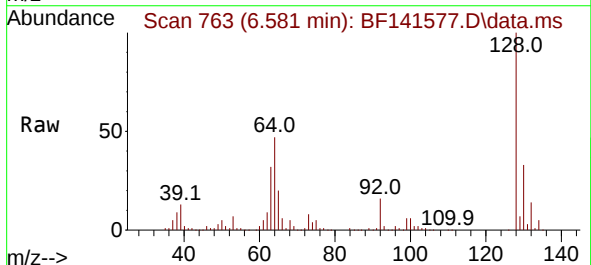
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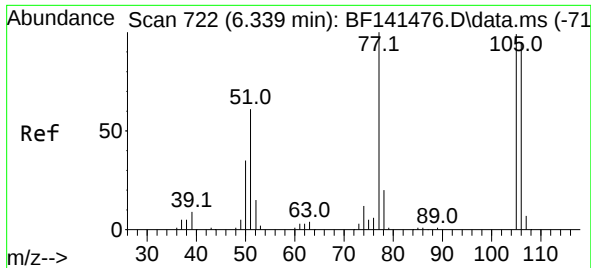
Tgt Ion: 99 Resp: 555279
Ion Ratio Lower Upper
99 100
42 21.9 19.1 28.7
71 36.9 31.1 46.7



#8
2-Chlorophenol
Concen: 39.115 ng
RT: 6.581 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF141577.D
Acq: 12 Feb 2025 09:32

Tgt Ion:128 Resp: 242992
Ion Ratio Lower Upper
128 100
130 32.6 12.7 52.7
64 47.0 28.3 68.3





#9

Benzaldehyde

Concen: 34.470 ng

RT: 6.340 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF141577.D

Acq: 12 Feb 2025 09:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

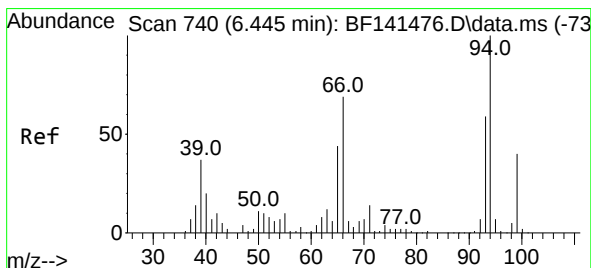
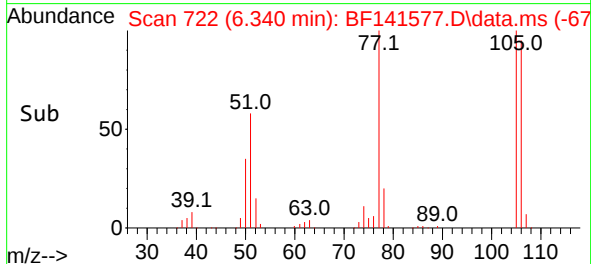
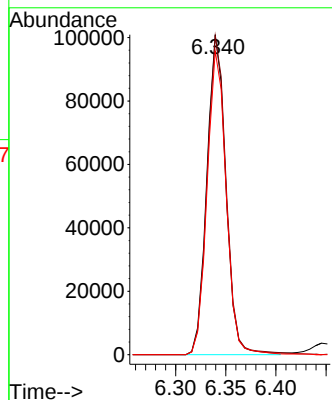
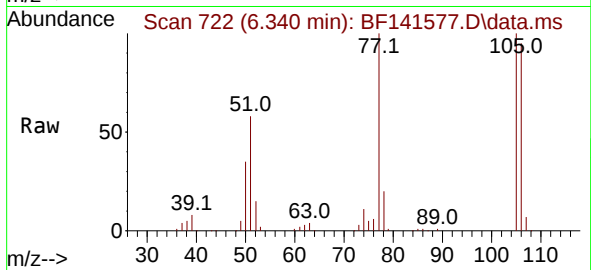
Tgt Ion: 77 Resp: 133104

Ion Ratio Lower Upper

77 100

105 99.6 79.4 119.4

106 94.9 75.1 115.1



#10

Phenol

Concen: 38.180 ng

RT: 6.445 min Scan# 740

Delta R.T. -0.012 min

Lab File: BF141577.D

Acq: 12 Feb 2025 09:32

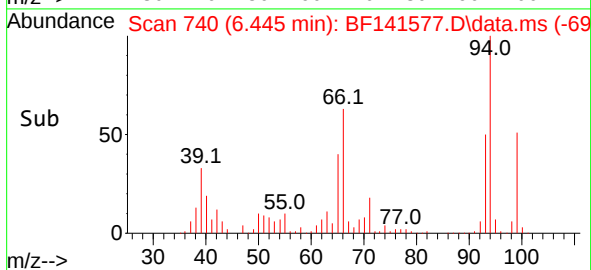
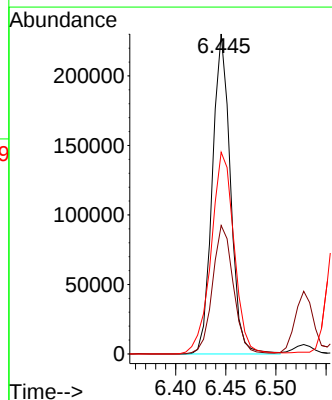
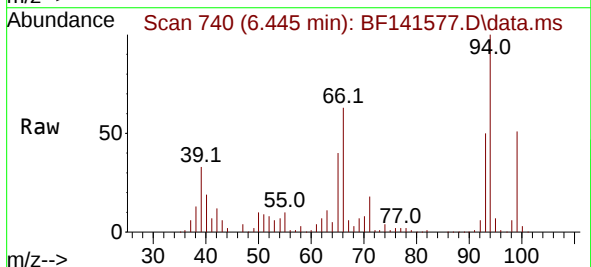
Tgt Ion: 94 Resp: 288757

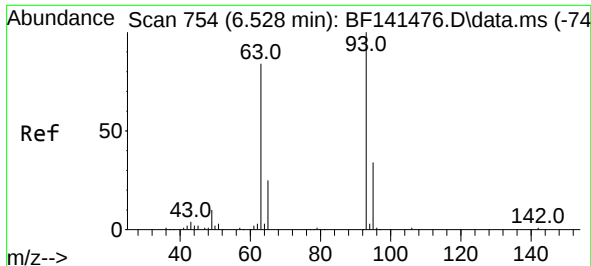
Ion Ratio Lower Upper

94 100

65 40.1 23.7 63.7

66 63.1 49.3 89.3

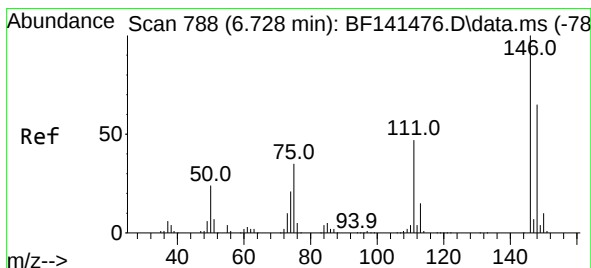
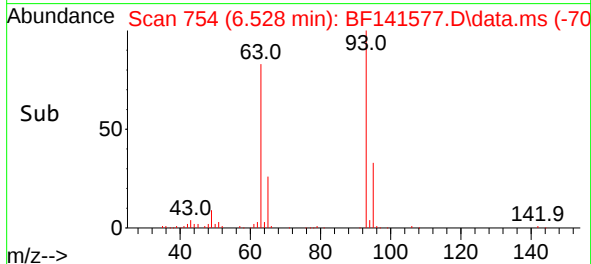
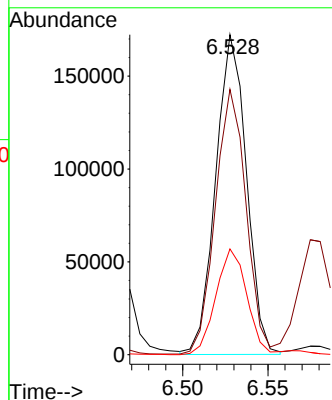
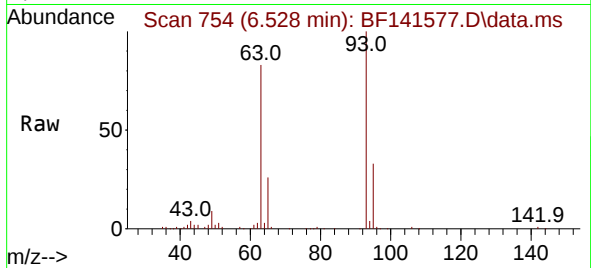




#11
bis(2-Chloroethyl)ether
Concen: 38.044 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF141577.D
Acq: 12 Feb 2025 09:32

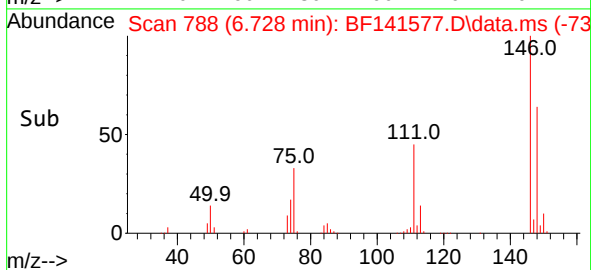
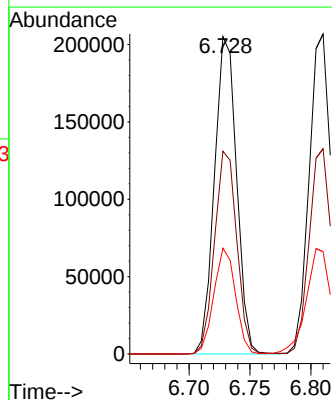
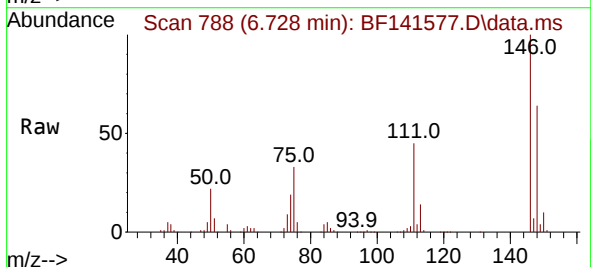
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

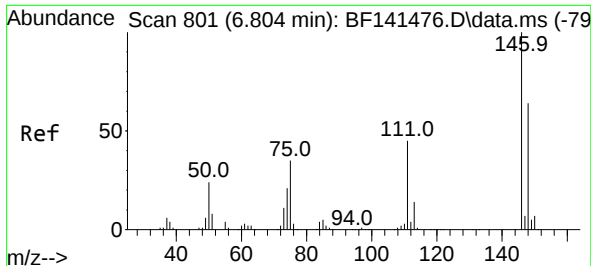
Tgt Ion: 93 Resp: 216113
Ion Ratio Lower Upper
93 100
63 82.9 62.0 102.0
95 33.1 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 39.615 ng
RT: 6.728 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF141577.D
Acq: 12 Feb 2025 09:32

Tgt Ion:146 Resp: 259808
Ion Ratio Lower Upper
146 100
148 63.8 51.9 77.9
75 33.3 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 39.137 ng

RT: 6.810 min Scan# 801

Delta R.T. 0.000 min

Lab File: BF141577.D

Acq: 12 Feb 2025 09:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

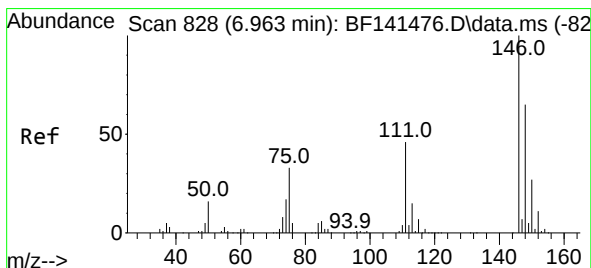
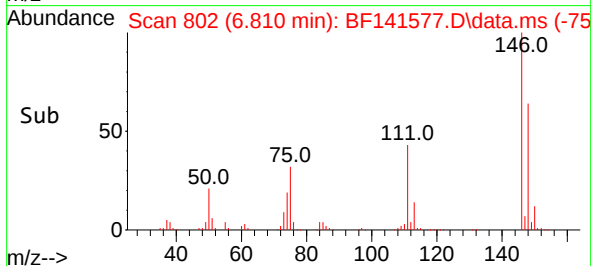
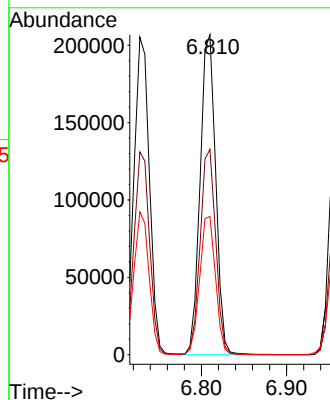
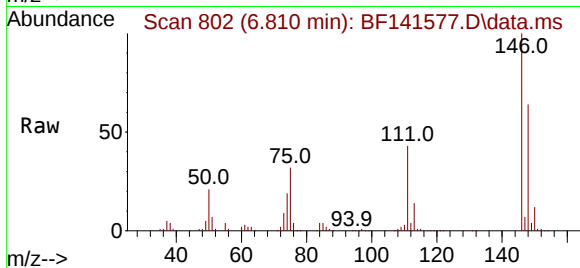
Tgt Ion:146 Resp: 262245

Ion Ratio Lower Upper

146 100

148 64.1 50.9 76.3

111 43.1 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 39.712 ng

RT: 6.963 min Scan# 828

Delta R.T. 0.000 min

Lab File: BF141577.D

Acq: 12 Feb 2025 09:32

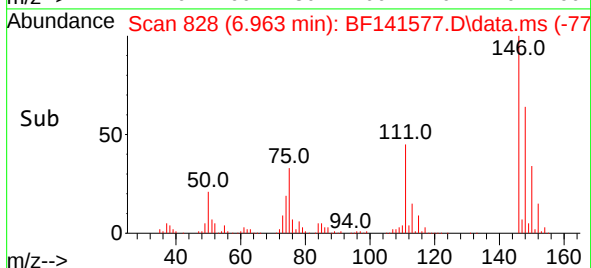
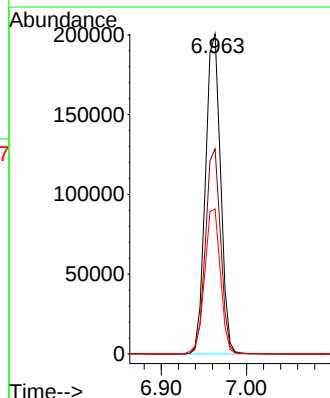
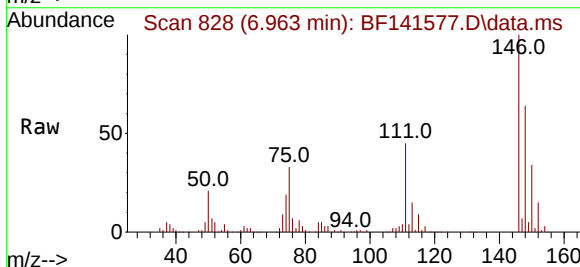
Tgt Ion:146 Resp: 246969

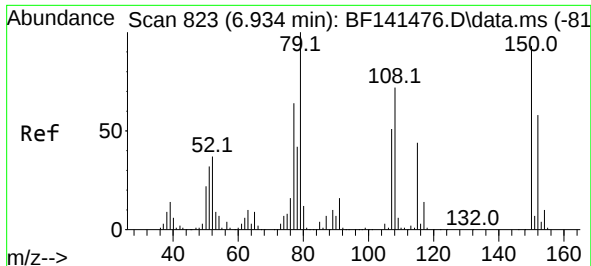
Ion Ratio Lower Upper

146 100

148 64.1 51.8 77.6

111 45.3 37.0 55.4

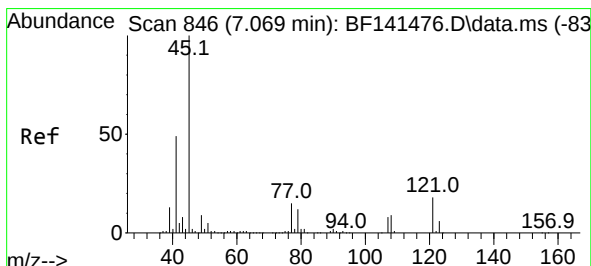
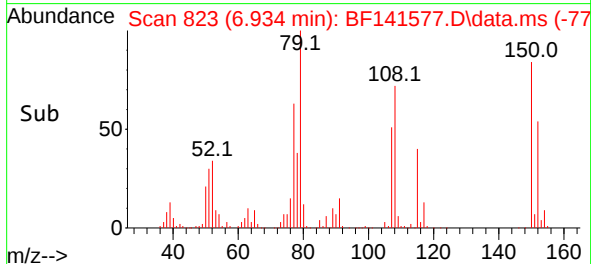
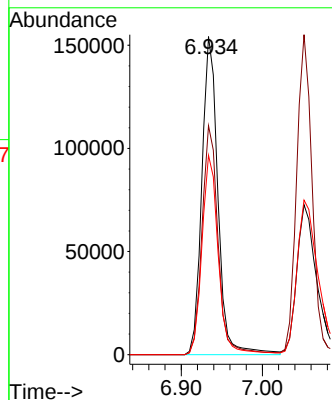
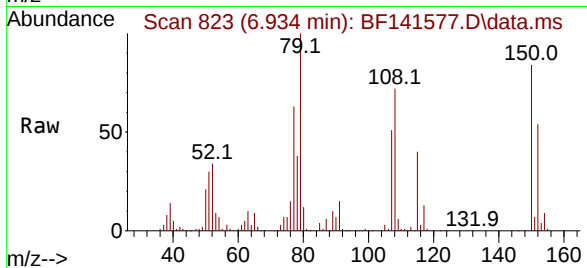




#15
Benzyl Alcohol
Concen: 38.112 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141577.D
Acq: 12 Feb 2025 09:32

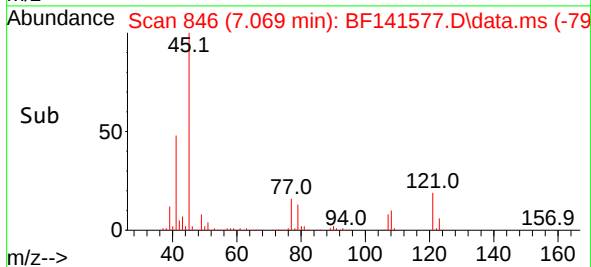
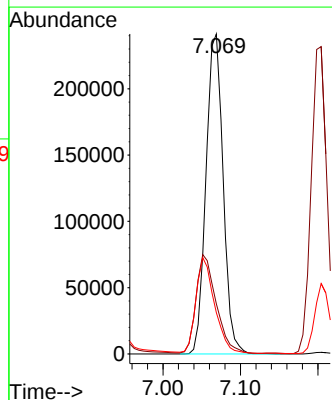
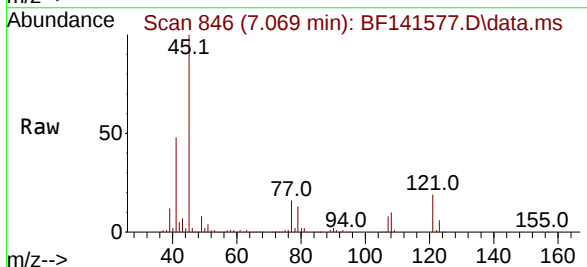
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

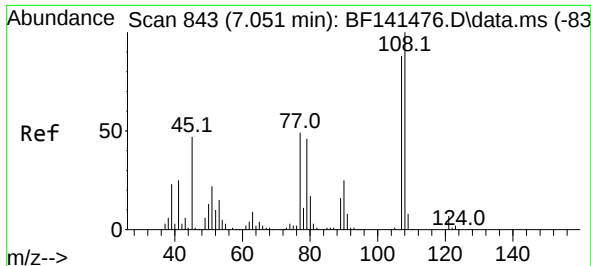
Tgt Ion: 79 Resp: 212372
Ion Ratio Lower Upper
79 100
108 72.0 57.4 86.2
77 62.7 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.114 ng
RT: 7.069 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF141577.D
Acq: 12 Feb 2025 09:32

Tgt Ion: 45 Resp: 370626
Ion Ratio Lower Upper
45 100
77 15.7 0.0 35.8
79 12.9 0.0 32.7

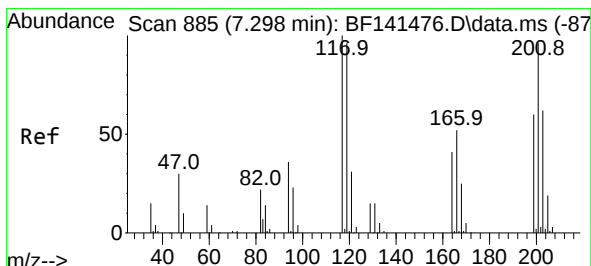
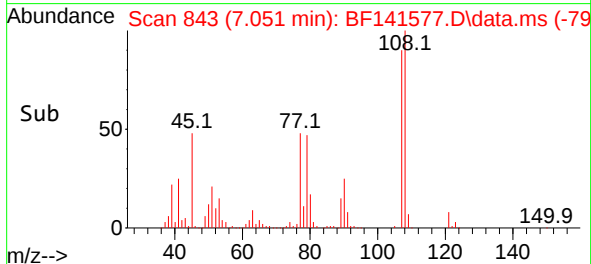
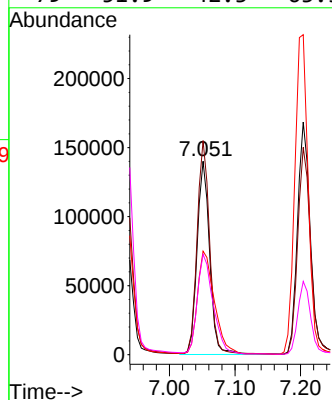
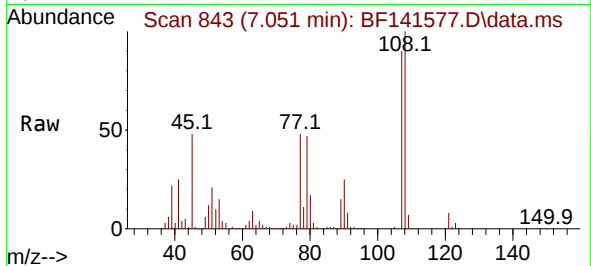




#17
2-Methylphenol
Concen: 38.577 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141577.D
Acq: 12 Feb 2025 09:32

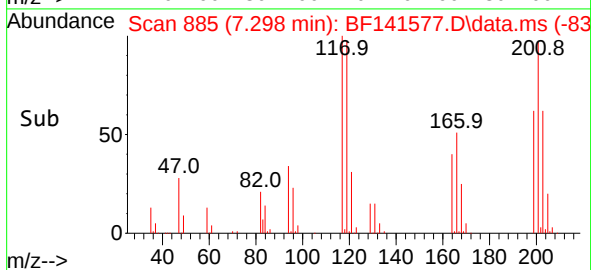
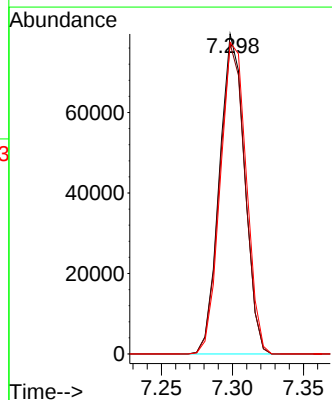
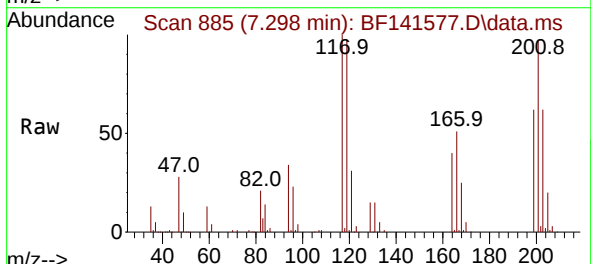
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

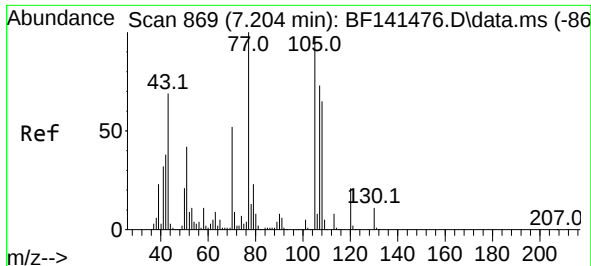
Tgt Ion:107 Resp: 187540
Ion Ratio Lower Upper
107 100
108 110.7 90.6 136.0
77 53.5 44.4 66.6
79 51.9 42.3 63.5



#18
Hexachloroethane
Concen: 39.528 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF141577.D
Acq: 12 Feb 2025 09:32

Tgt Ion:117 Resp: 98023
Ion Ratio Lower Upper
117 100
119 96.9 76.5 114.7
201 97.4 76.7 115.1



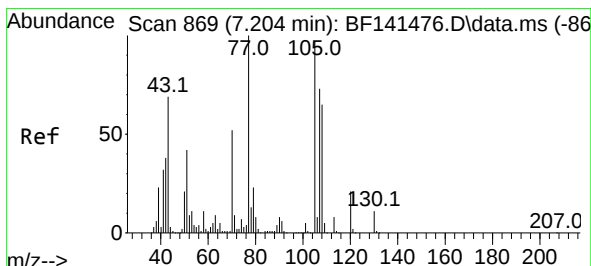
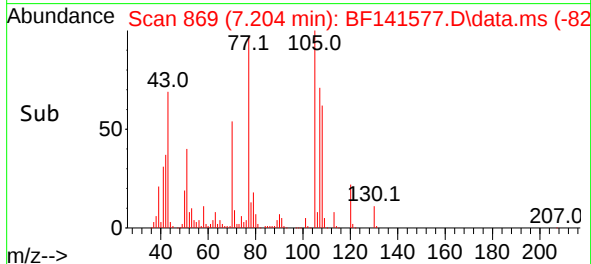
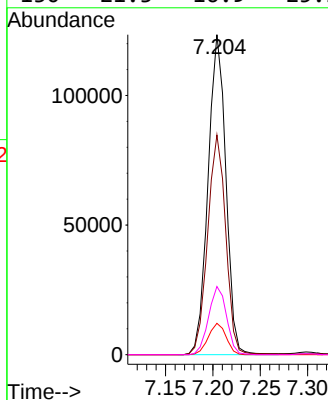
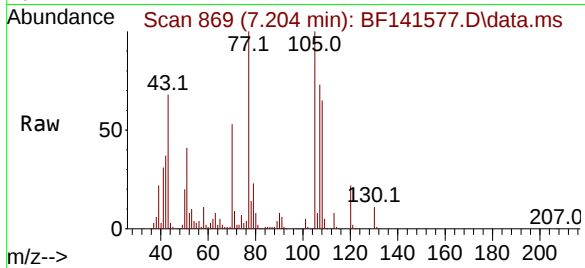


#19
n-Nitroso-di-n-propylamine
Concen: 37.103 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141577.D
Acq: 12 Feb 2025 09:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 161268

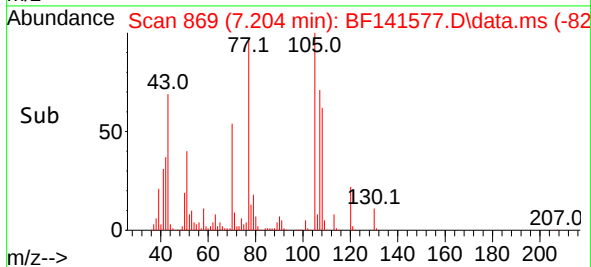
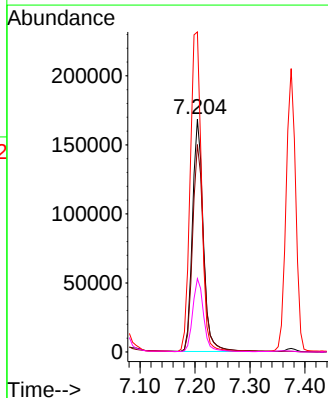
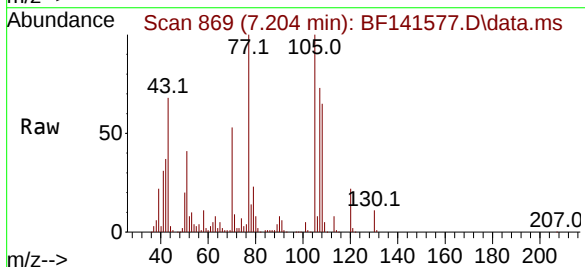
Ion	Ratio	Lower	Upper
70	100		
42	68.6	57.4	86.2
101	9.8	8.0	12.0
130	21.3	16.9	25.3

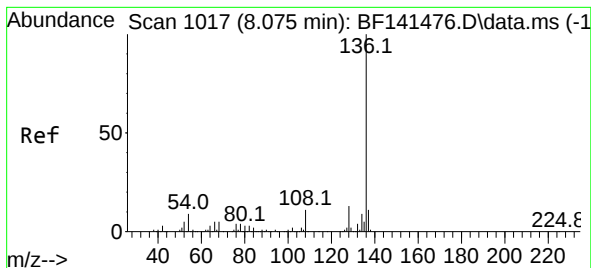


#20
3+4-Methylphenols
Concen: 37.335 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141577.D
Acq: 12 Feb 2025 09:32

Tgt Ion: 107 Resp: 230662

Ion	Ratio	Lower	Upper
107	100		
108	89.1	68.5	108.5
77	137.5	116.5	156.5
79	31.5	12.0	52.0

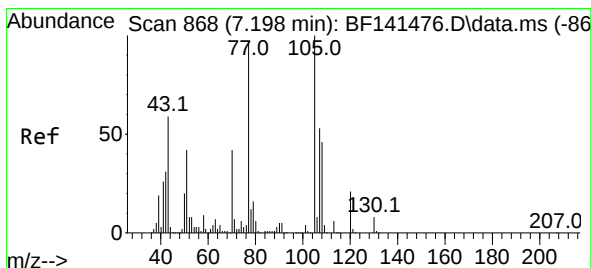
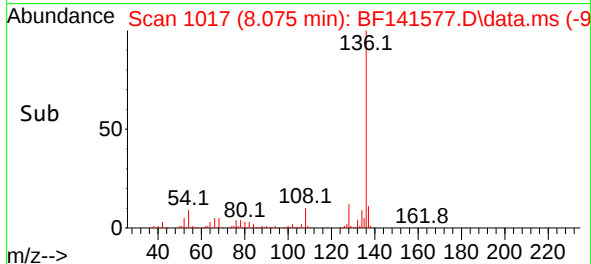
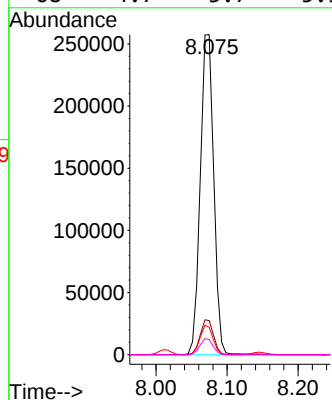
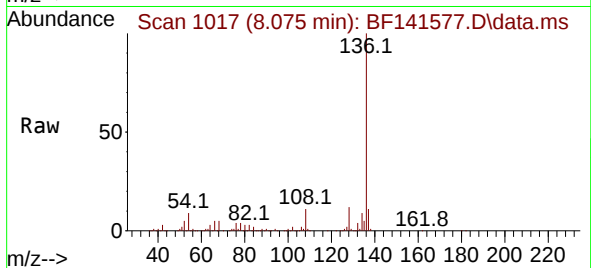




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF141577.D
Acq: 12 Feb 2025 09:32

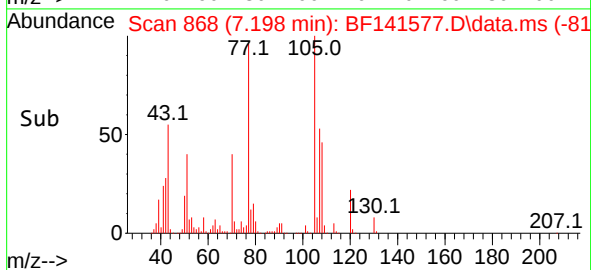
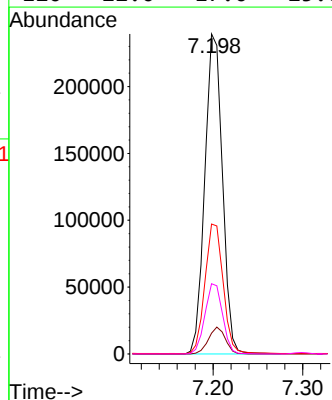
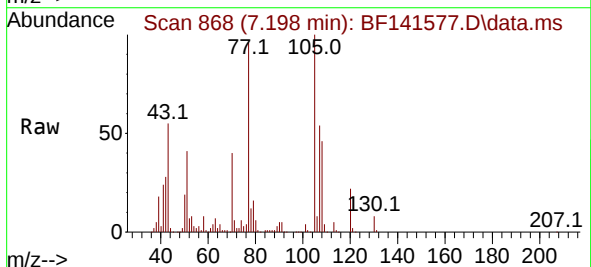
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

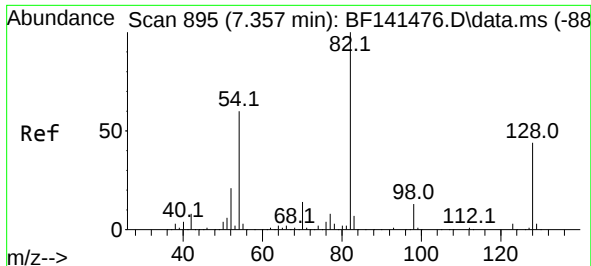
Tgt Ion:	136	Resp:	340367
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	8.6	7.2	10.8
68	4.7	3.7	5.5



#22
Acetophenone
Concen: 38.618 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF141577.D
Acq: 12 Feb 2025 09:32

Tgt Ion:	105	Resp:	326972
Ion	Ratio	Lower	Upper
105	100		
71	6.5	5.7	8.5
51	40.6	33.7	50.5
120	22.0	17.0	25.6





#23

Nitrobenzene-d5

Concen: 77.644 ng

RT: 7.357 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF141577.D

Acq: 12 Feb 2025 09:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

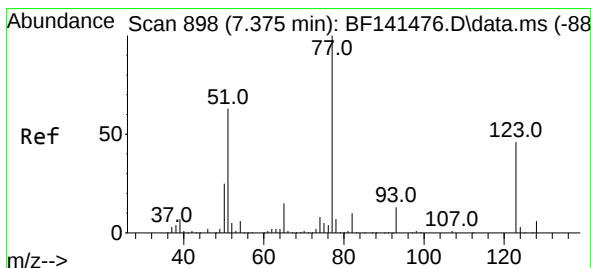
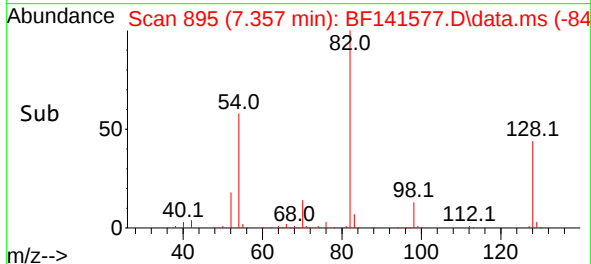
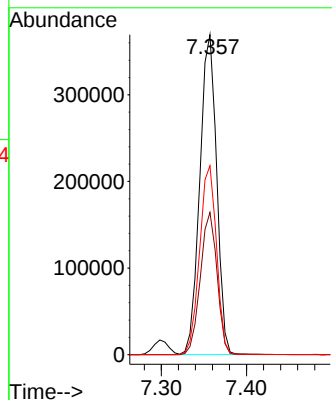
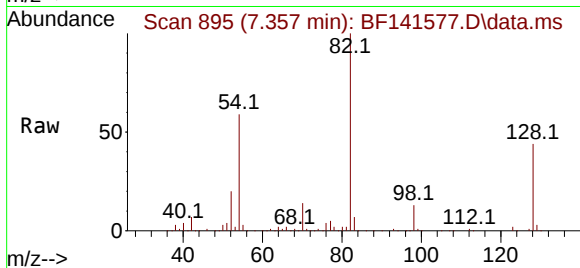
Tgt Ion: 82 Resp: 506676

Ion Ratio Lower Upper

82 100

128 44.4 34.8 52.2

54 59.1 48.2 72.4



#24

Nitrobenzene

Concen: 38.665 ng

RT: 7.375 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF141577.D

Acq: 12 Feb 2025 09:32

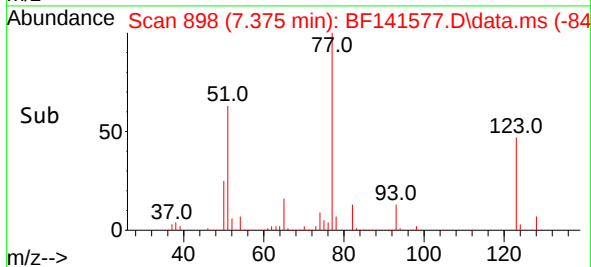
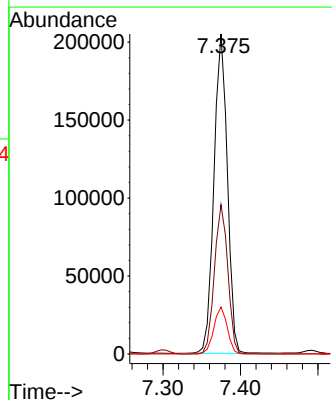
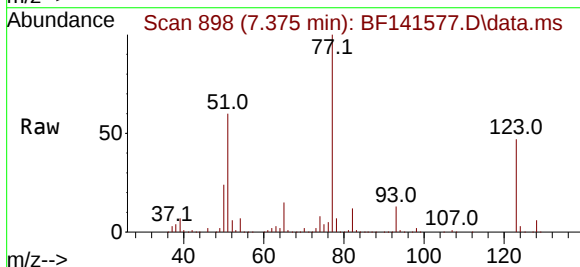
Tgt Ion: 77 Resp: 246035

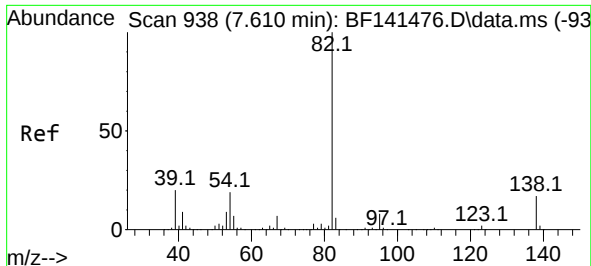
Ion Ratio Lower Upper

77 100

123 46.7 36.9 55.3

65 14.7 11.9 17.9

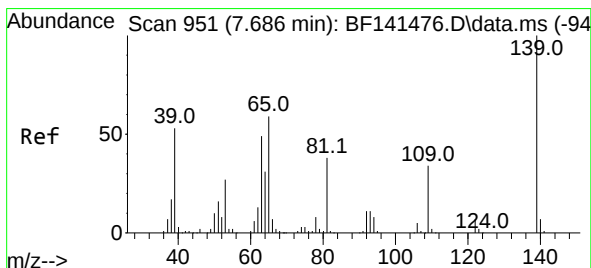
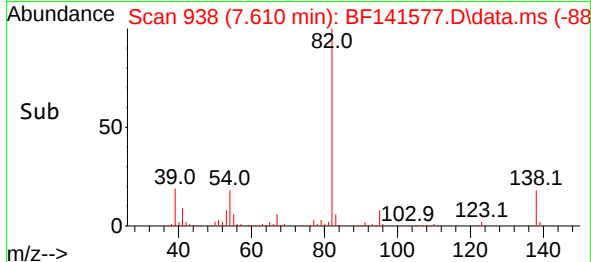
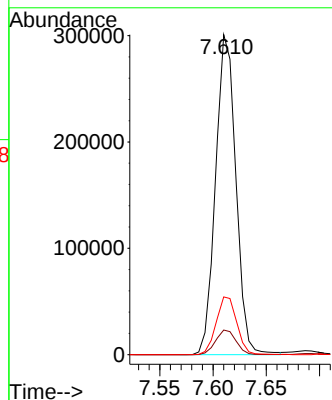
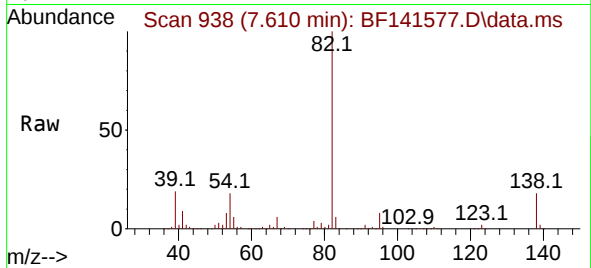




#25
Isophorone
Concen: 38.418 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF141577.D
Acq: 12 Feb 2025 09:32

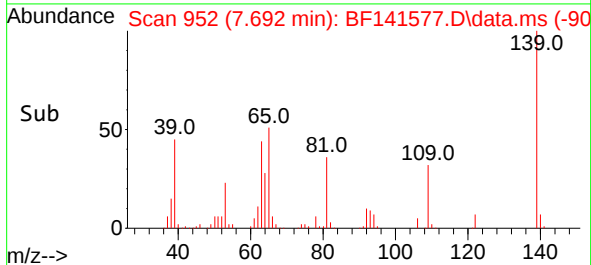
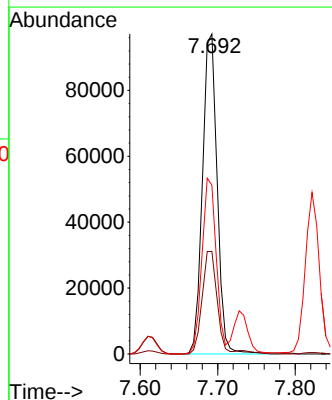
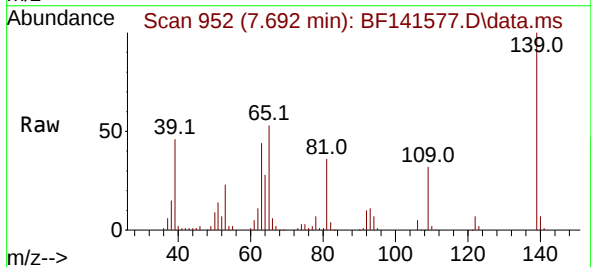
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

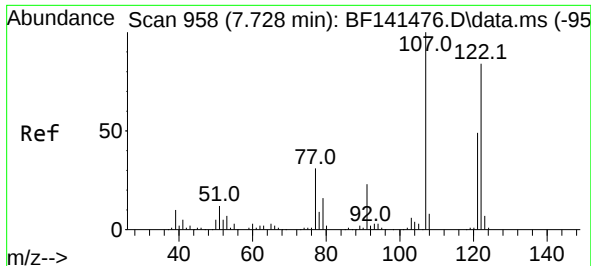
Tgt Ion: 82 Resp: 399739
Ion Ratio Lower Upper
82 100
95 7.7 6.4 9.6
138 18.1 13.9 20.9



#26
2-Nitrophenol
Concen: 40.408 ng
RT: 7.692 min Scan# 952
Delta R.T. 0.000 min
Lab File: BF141577.D
Acq: 12 Feb 2025 09:32

Tgt Ion:139 Resp: 127925
Ion Ratio Lower Upper
139 100
109 32.1 27.0 40.6
65 52.8 47.1 70.7

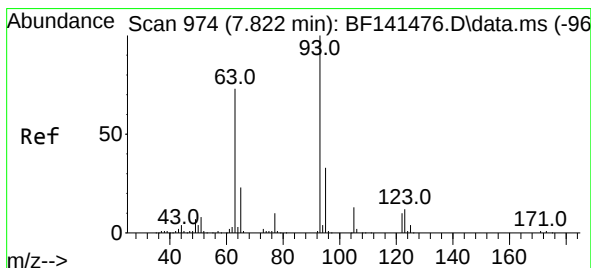
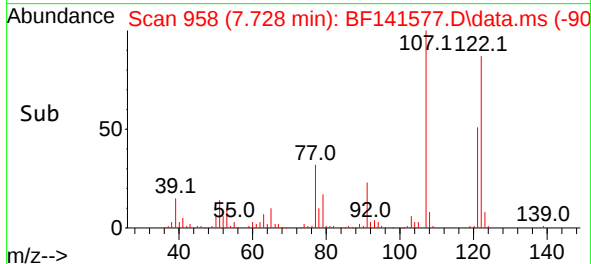
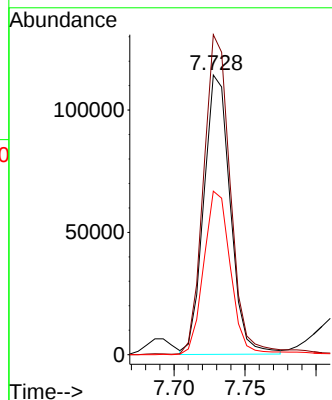
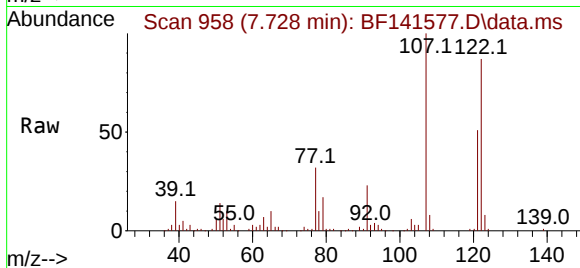




#27
2,4-Dimethylphenol
Concen: 40.206 ng
RT: 7.728 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141577.D
Acq: 12 Feb 2025 09:32

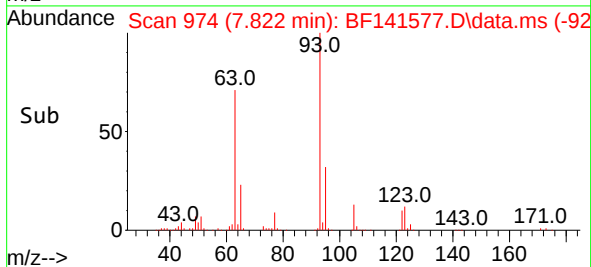
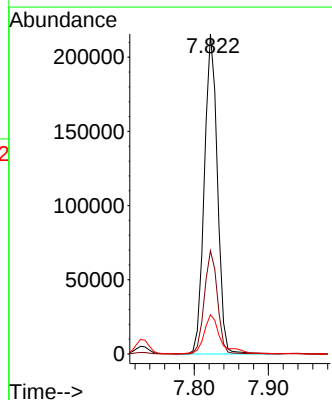
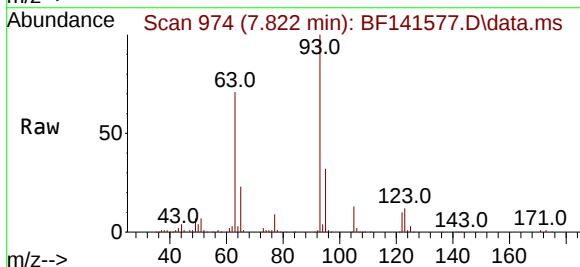
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

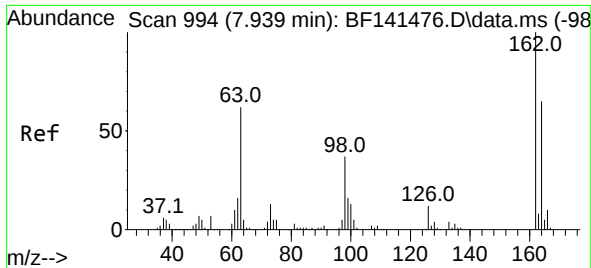
Tgt Ion:122 Resp: 148698
Ion Ratio Lower Upper
122 100
107 114.4 94.3 141.5
121 58.5 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 39.825 ng
RT: 7.822 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF141577.D
Acq: 12 Feb 2025 09:32

Tgt Ion: 93 Resp: 265525
Ion Ratio Lower Upper
93 100
95 32.2 26.1 39.1
123 12.3 9.5 14.3

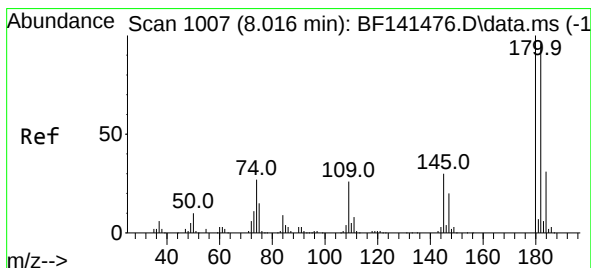
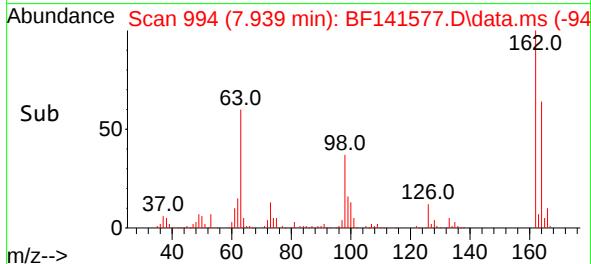
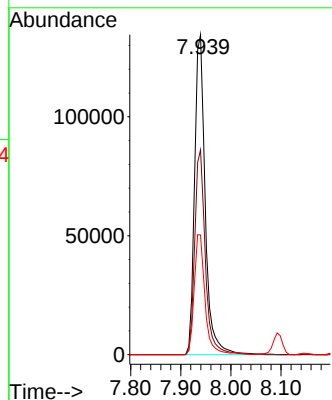
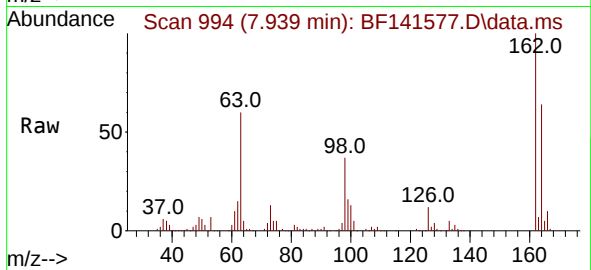




#29
2,4-Dichlorophenol
Concen: 39.704 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.000 min
Lab File: BF141577.D
Acq: 12 Feb 2025 09:32

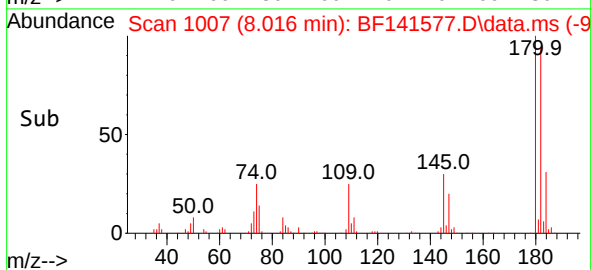
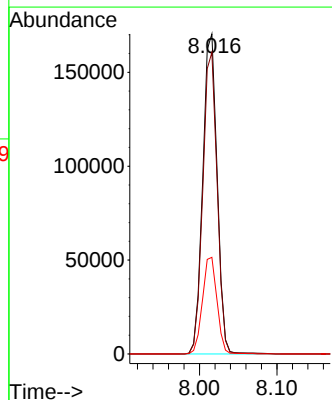
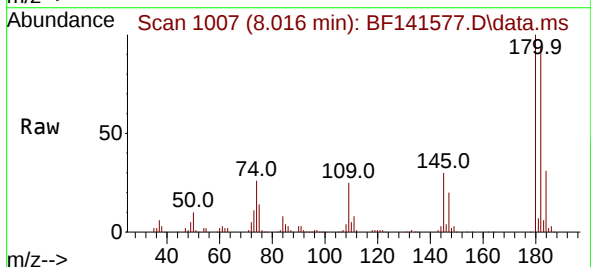
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

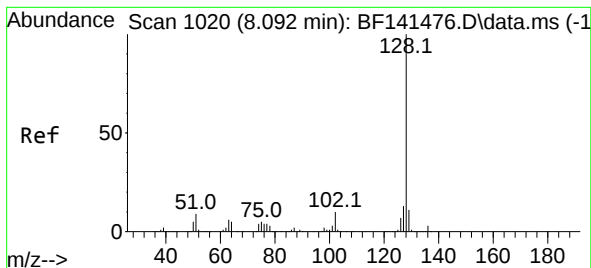
Tgt Ion:162 Resp: 198404
Ion Ratio Lower Upper
162 100
164 64.0 44.6 84.6
98 37.4 17.2 57.2



#30
1,2,4-Trichlorobenzene
Concen: 40.431 ng
RT: 8.016 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BF141577.D
Acq: 12 Feb 2025 09:32

Tgt Ion:180 Resp: 220015
Ion Ratio Lower Upper
180 100
182 94.3 76.8 115.2
145 30.2 24.2 36.4





#31

Naphthalene

Concen: 39.612 ng

RT: 8.092 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141577.D

Acq: 12 Feb 2025 09:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

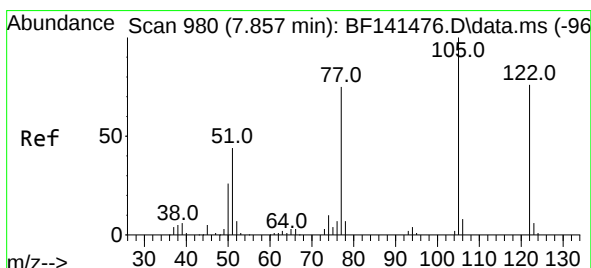
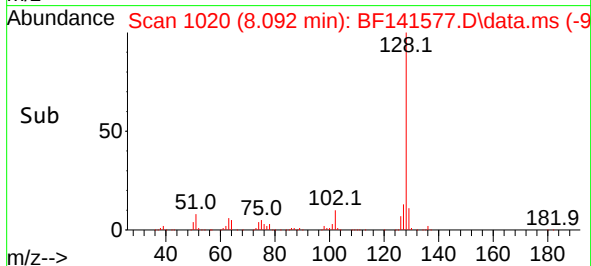
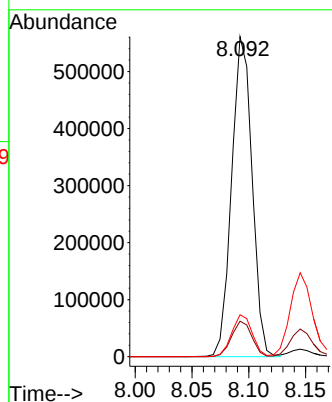
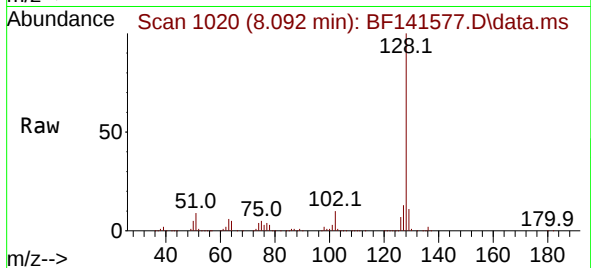
Tgt Ion:128 Resp: 701814

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

127 13.1 10.7 16.1



#32

Benzoic acid

Concen: 35.044 ng

RT: 7.851 min Scan# 979

Delta R.T. -0.041 min

Lab File: BF141577.D

Acq: 12 Feb 2025 09:32

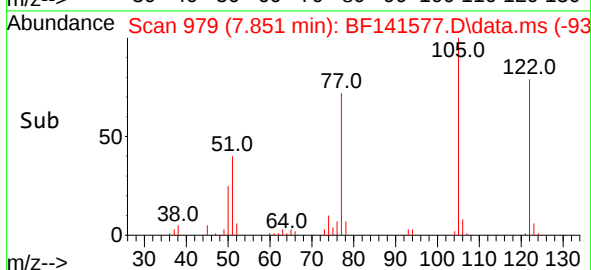
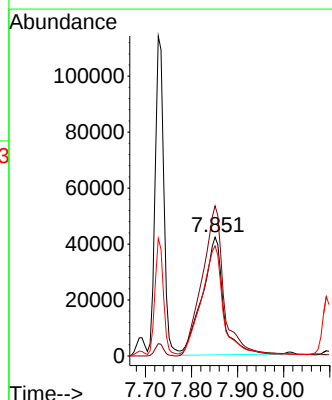
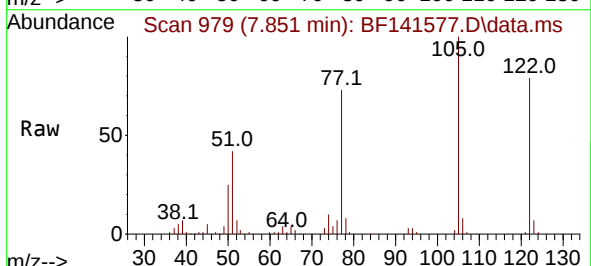
Tgt Ion:122 Resp: 134626

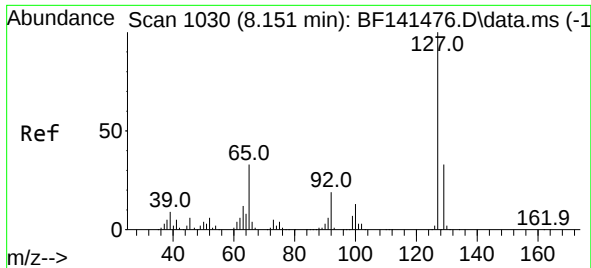
Ion Ratio Lower Upper

122 100

105 126.3 106.5 146.5

77 92.7 76.3 116.3

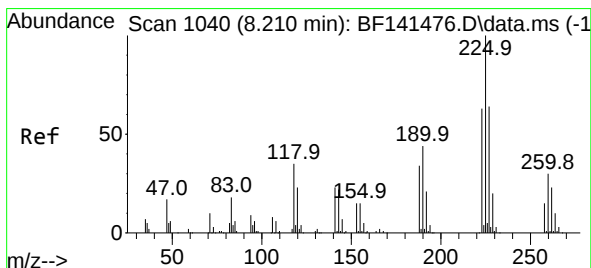
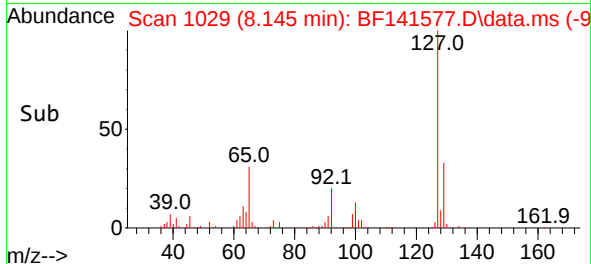
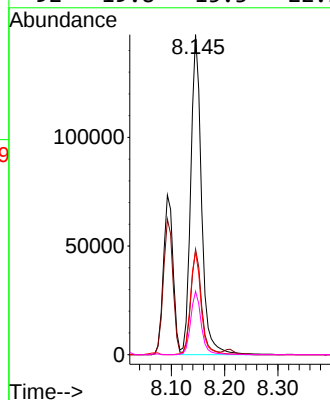
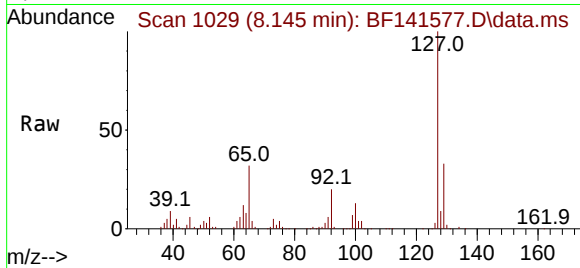




#33
4-Chloroaniline
Concen: 33.628 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF141577.D
Acq: 12 Feb 2025 09:32

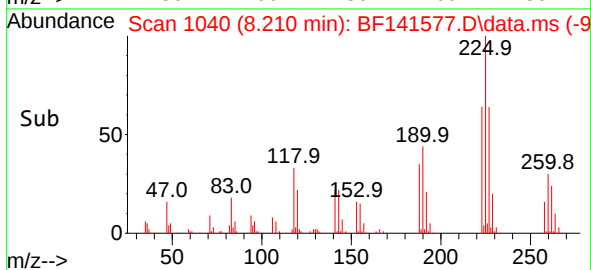
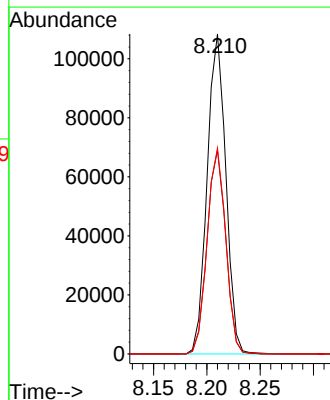
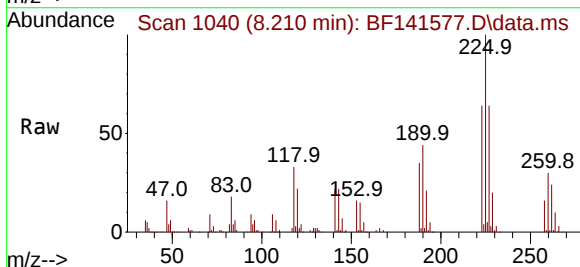
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

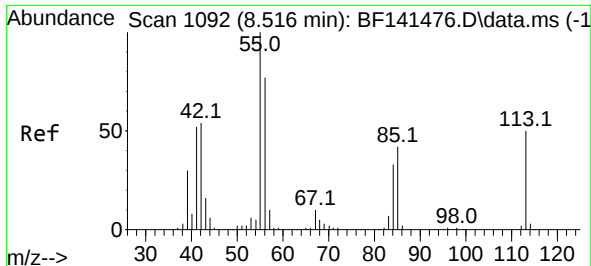
Tgt Ion:	127	Resp:	208014
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.5	39.7
65	32.2	26.4	39.6
92	19.8	15.3	22.9



#34
Hexachlorobutadiene
Concen: 40.446 ng
RT: 8.210 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF141577.D
Acq: 12 Feb 2025 09:32

Tgt Ion:	225	Resp:	132130
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.1	75.1
227	64.4	51.0	76.6

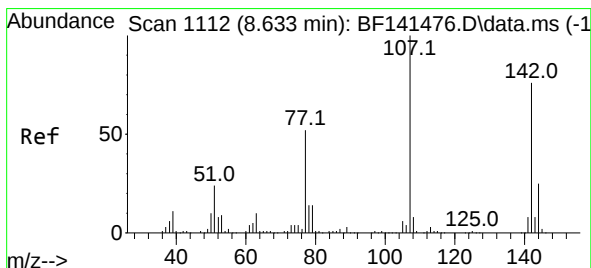
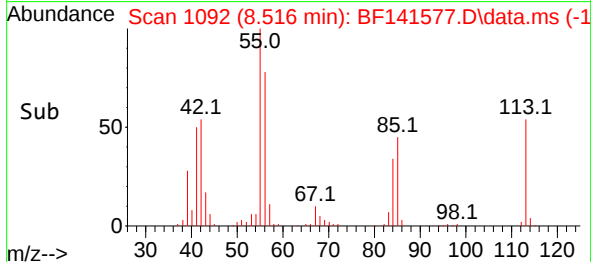
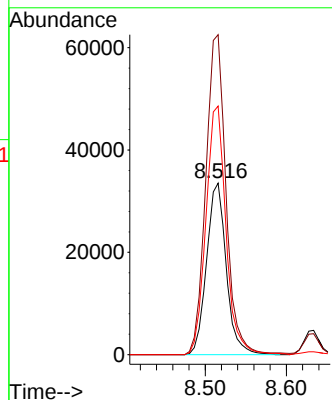
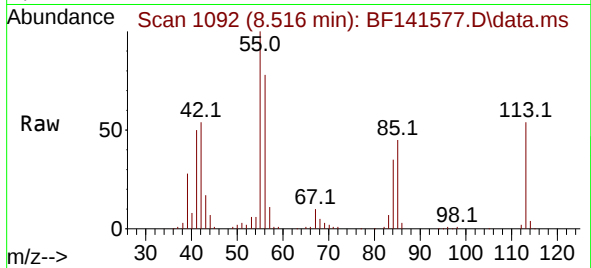




#35
 Caprolactam
 Concen: 37.052 ng
 RT: 8.516 min Scan# 1109
 Delta R.T. -0.029 min
 Lab File: BF141577.D
 Acq: 12 Feb 2025 09:32

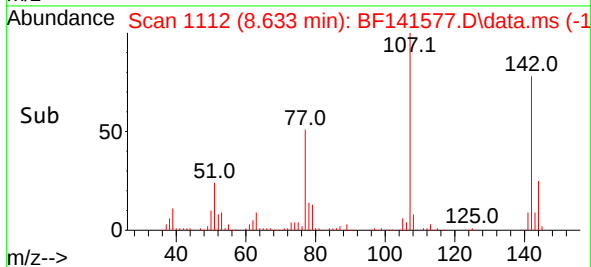
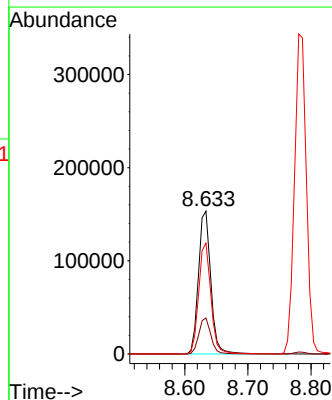
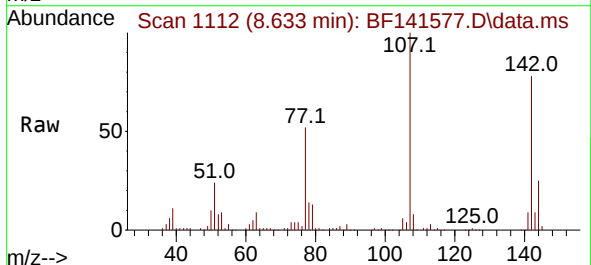
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

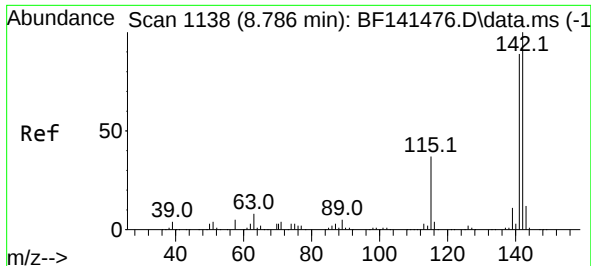
Tgt Ion:113 Resp: 56374
 Ion Ratio Lower Upper
 113 100
 55 186.5 180.8 220.8
 56 144.9 133.6 173.6



#36
 4-Chloro-3-methylphenol
 Concen: 37.579 ng
 RT: 8.633 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF141577.D
 Acq: 12 Feb 2025 09:32

Tgt Ion:107 Resp: 208015
 Ion Ratio Lower Upper
 107 100
 144 25.2 19.7 29.5
 142 77.6 60.8 91.2

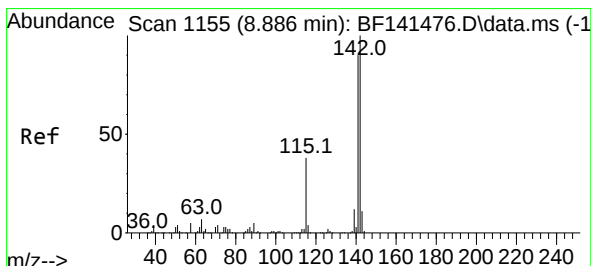
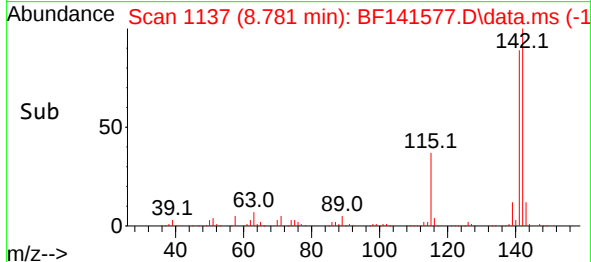
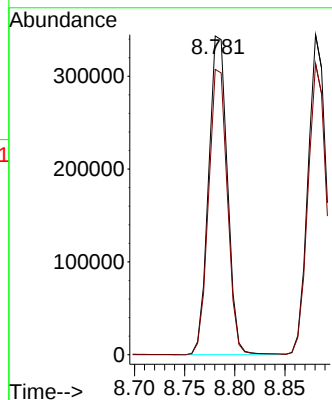
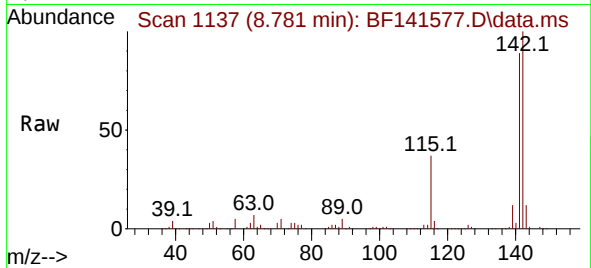




#37
2-Methylnaphthalene
Concen: 38.896 ng
RT: 8.781 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BF141577.D
Acq: 12 Feb 2025 09:32

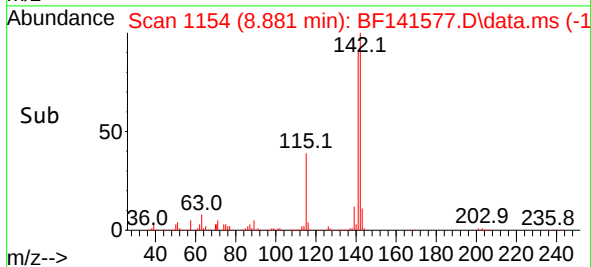
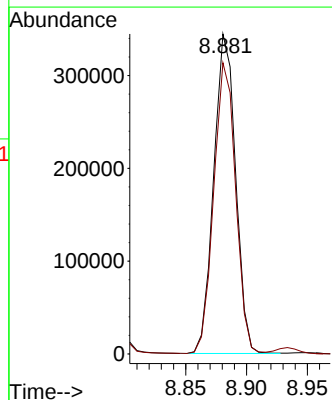
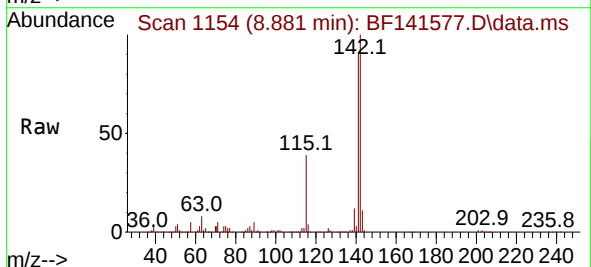
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

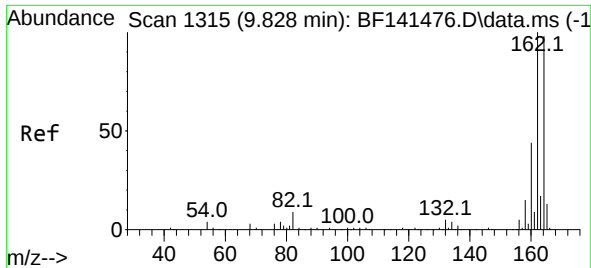
Tgt Ion:142 Resp: 448446
Ion Ratio Lower Upper
142 100
141 89.5 71.2 106.8



#38
1-Methylnaphthalene
Concen: 38.536 ng
RT: 8.881 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF141577.D
Acq: 12 Feb 2025 09:32

Tgt Ion:142 Resp: 430308
Ion Ratio Lower Upper
142 100
141 91.0 72.1 108.1

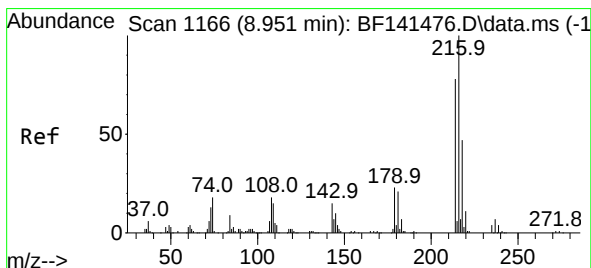
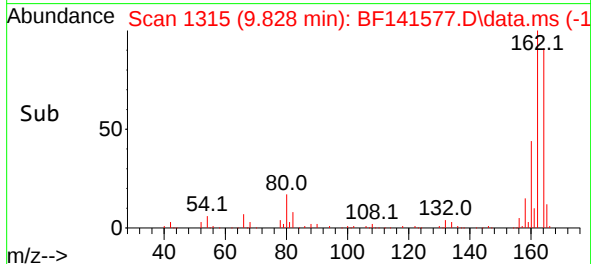
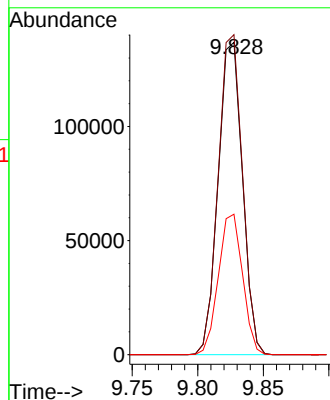
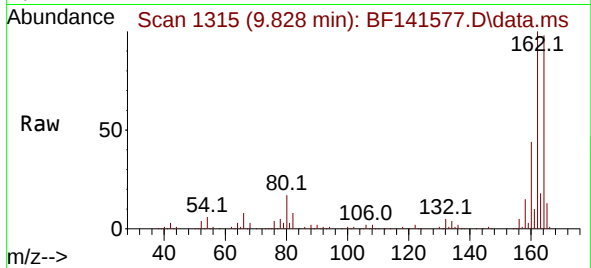




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF141577.D
Acq: 12 Feb 2025 09:32

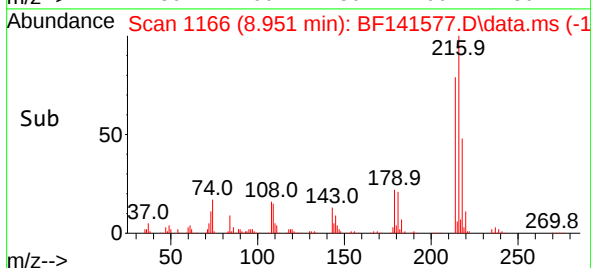
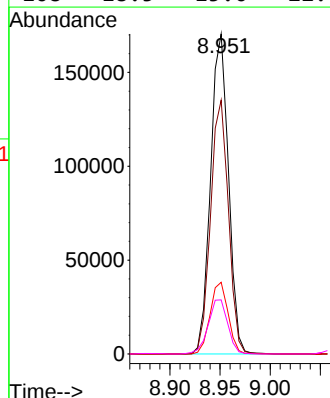
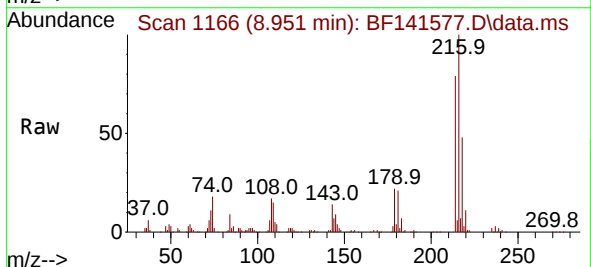
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

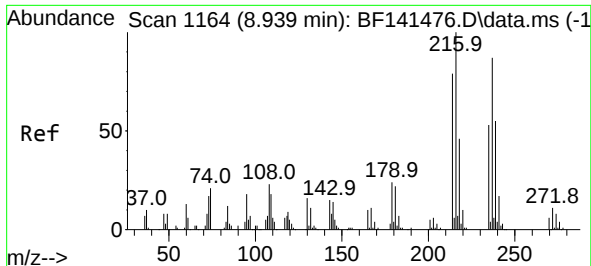
Tgt Ion:164 Resp: 176708
Ion Ratio Lower Upper
164 100
162 102.4 81.3 121.9
160 45.0 35.9 53.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.484 ng
RT: 8.951 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF141577.D
Acq: 12 Feb 2025 09:32

Tgt Ion:216 Resp: 212081
Ion Ratio Lower Upper
216 100
214 79.1 62.3 93.5
179 22.6 18.0 27.0
108 18.5 15.0 22.6

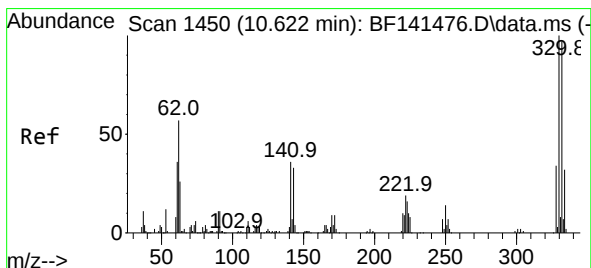
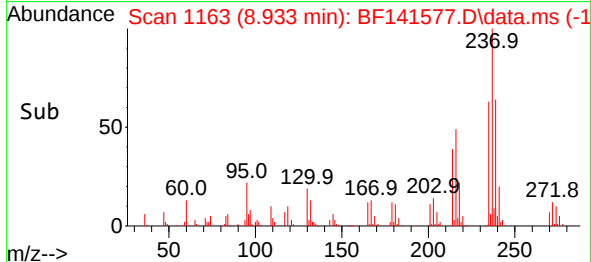
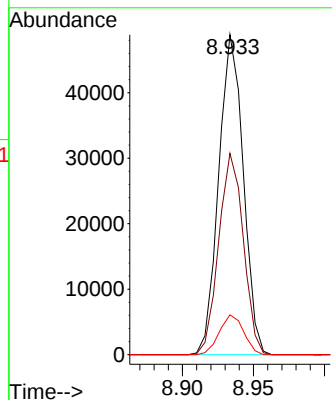
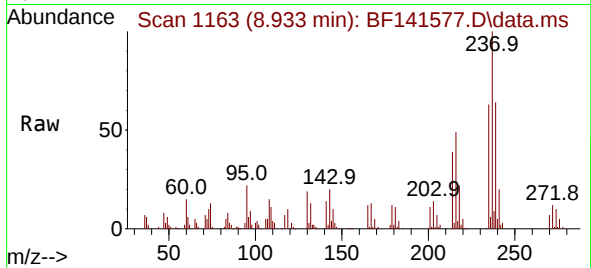




#41
Hexachlorocyclopentadiene
Concen: 34.512 ng
RT: 8.933 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF141577.D
Acq: 12 Feb 2025 09:32

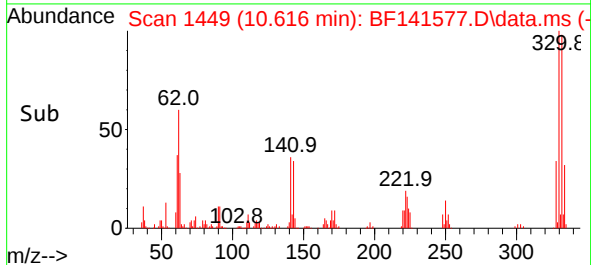
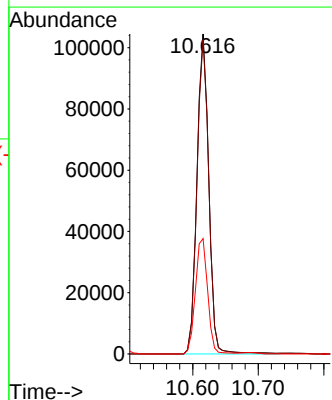
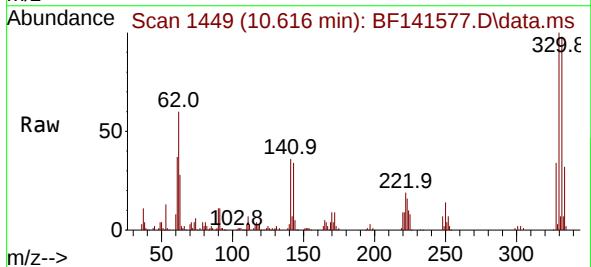
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

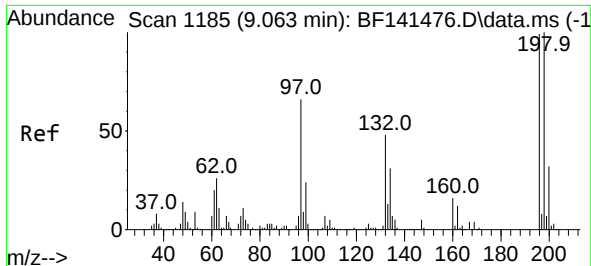
Tgt Ion:237 Resp: 58685
Ion Ratio Lower Upper
237 100
235 62.9 41.4 81.4
272 12.4 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 74.143 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF141577.D
Acq: 12 Feb 2025 09:32

Tgt Ion:330 Resp: 131613
Ion Ratio Lower Upper
330 100
332 98.1 78.5 117.7
141 37.2 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 40.179 ng

RT: 9.063 min Scan# 1185

Delta R.T. -0.006 min

Lab File: BF141577.D

Acq: 12 Feb 2025 09:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

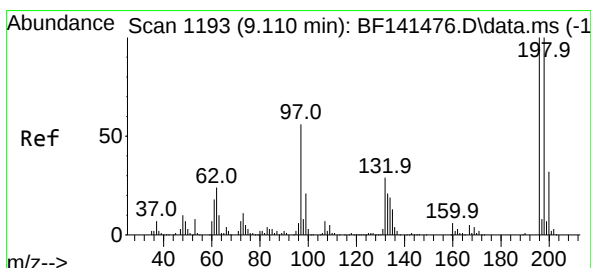
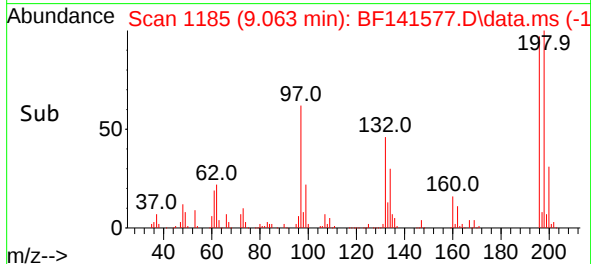
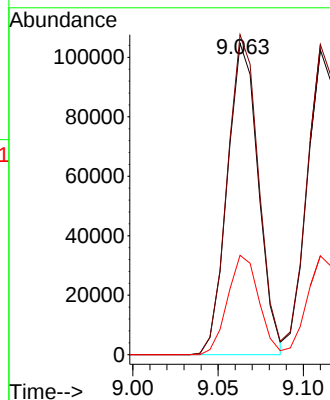
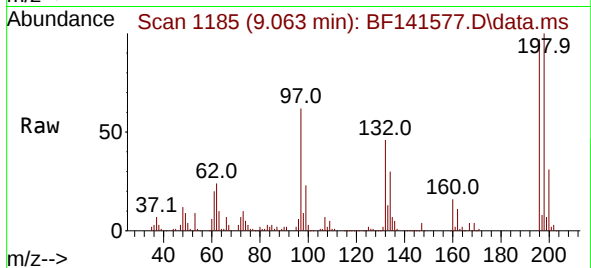
Tgt Ion:196 Resp: 132758

Ion Ratio Lower Upper

196 100

198 102.8 80.6 121.0

200 31.9 25.5 38.3



#44

2,4,5-Trichlorophenol

Concen: 39.493 ng

RT: 9.110 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF141577.D

Acq: 12 Feb 2025 09:32

Tgt Ion:196 Resp: 141424

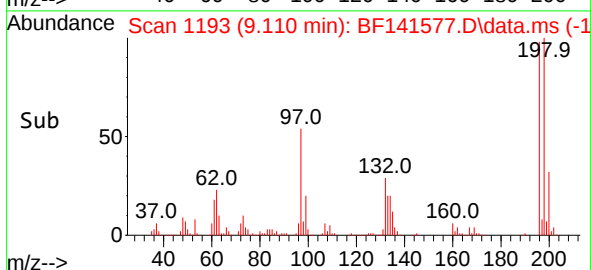
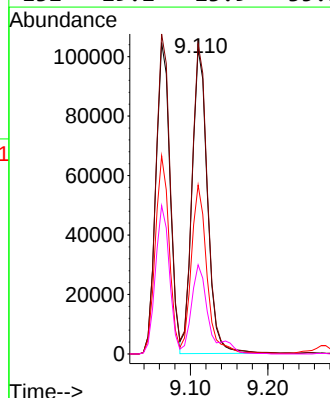
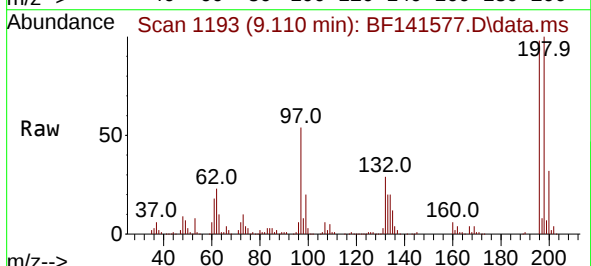
Ion Ratio Lower Upper

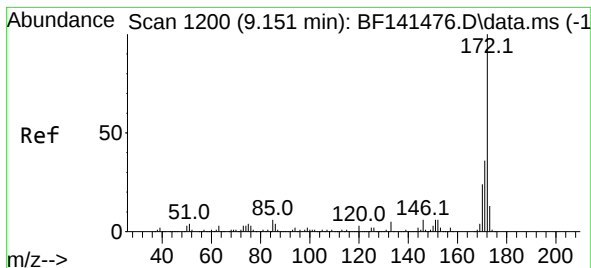
196 100

198 101.8 79.8 119.8

97 55.4 44.8 67.2

132 29.2 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 81.383 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF141577.D

Acq: 12 Feb 2025 09:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

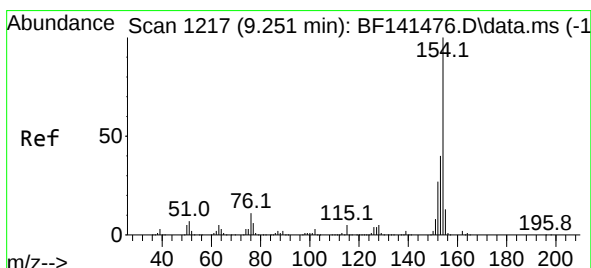
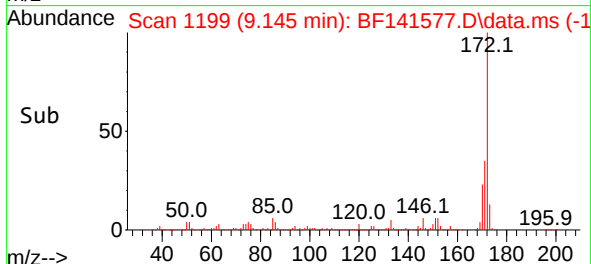
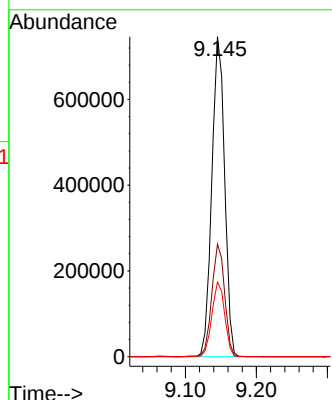
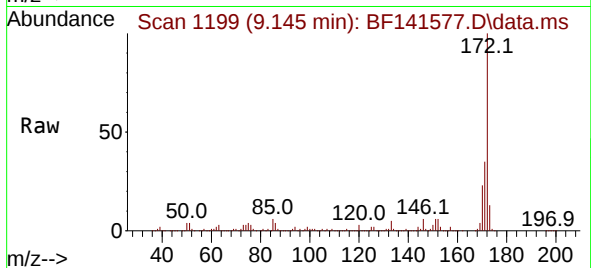
Tgt Ion:172 Resp: 933438

Ion Ratio Lower Upper

172 100

171 35.2 28.7 43.1

170 23.4 18.9 28.3



#46

1,1'-Biphenyl

Concen: 40.997 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.012 min

Lab File: BF141577.D

Acq: 12 Feb 2025 09:32

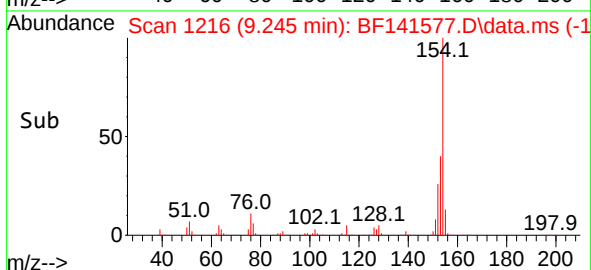
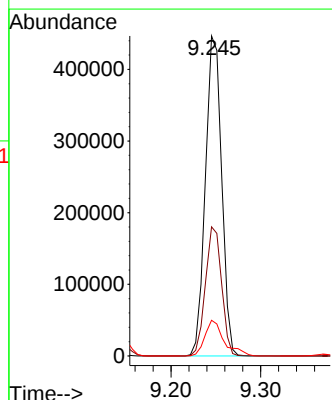
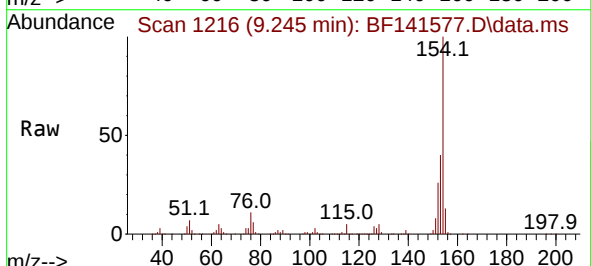
Tgt Ion:154 Resp: 561647

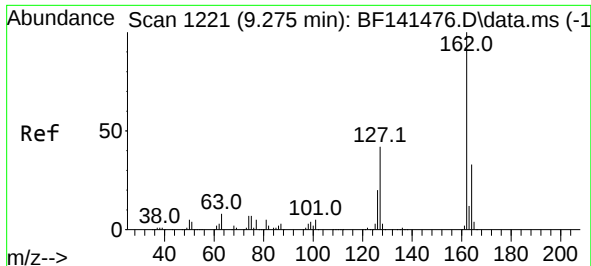
Ion Ratio Lower Upper

154 100

153 40.3 20.4 60.4

76 11.1 0.0 30.8





#47

2-Chloronaphthalene

Concen: 40.166 ng

RT: 9.275 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141577.D

Acq: 12 Feb 2025 09:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

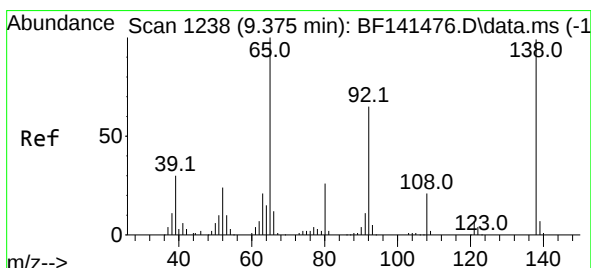
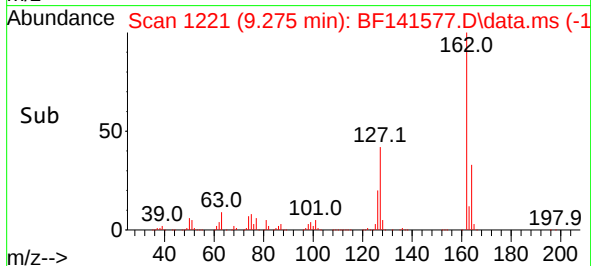
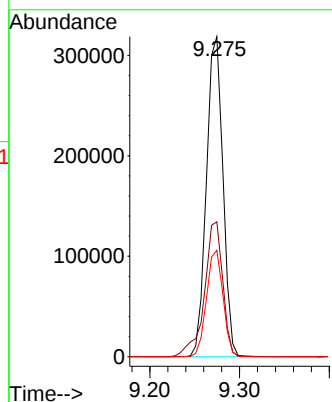
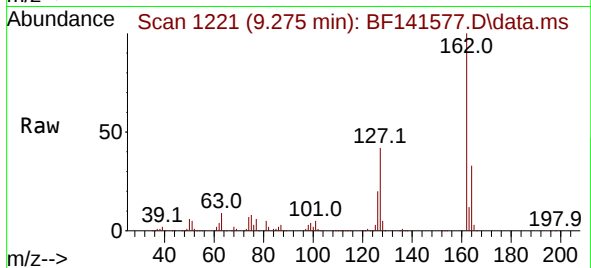
Tgt Ion:162 Resp: 406903

Ion Ratio Lower Upper

162 100

127 42.2 34.1 51.1

164 33.2 26.3 39.5



#48

2-Nitroaniline

Concen: 37.868 ng

RT: 9.369 min Scan# 1237

Delta R.T. -0.012 min

Lab File: BF141577.D

Acq: 12 Feb 2025 09:32

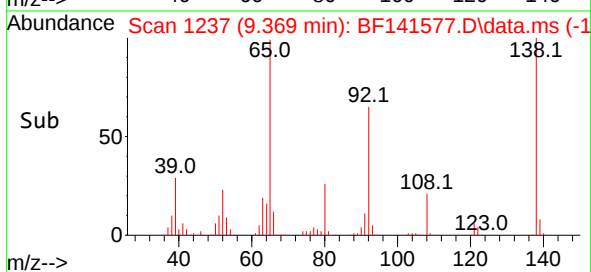
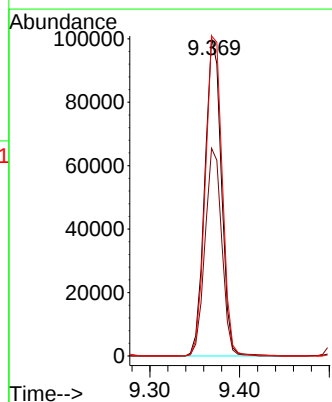
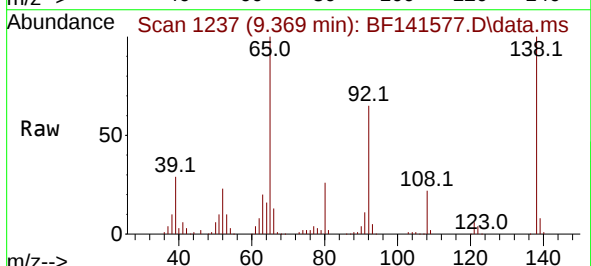
Tgt Ion: 65 Resp: 128747

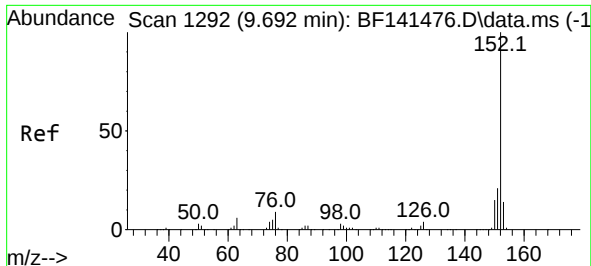
Ion Ratio Lower Upper

65 100

92 65.2 52.2 78.2

138 100.5 79.5 119.3





#49

Acenaphthylene

Concen: 39.804 ng

RT: 9.686 min Scan# 1291

Delta R.T. -0.006 min

Lab File: BF141577.D

Acq: 12 Feb 2025 09:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

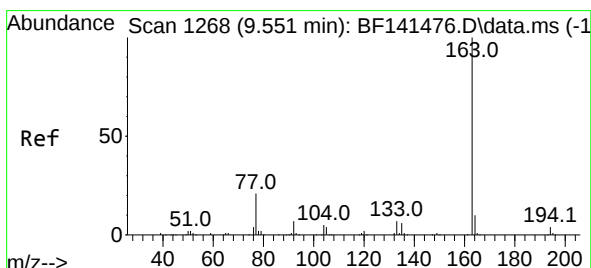
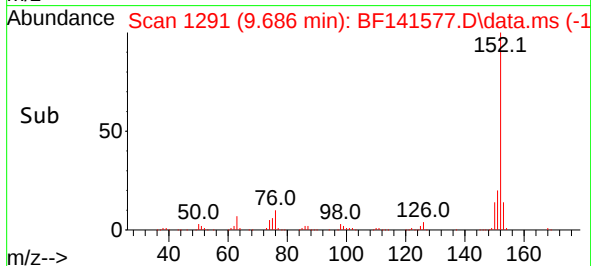
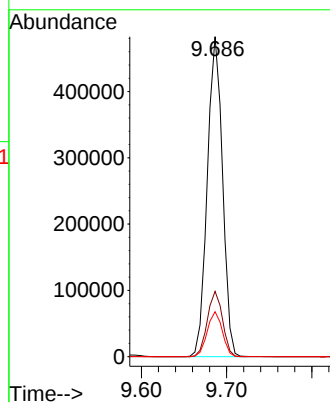
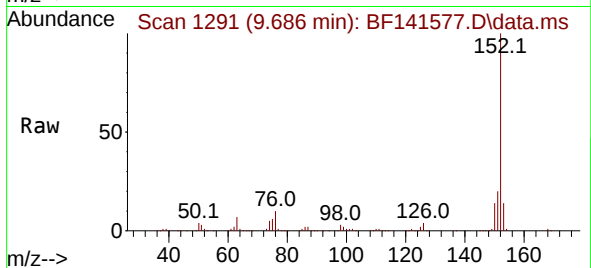
Tgt Ion:152 Resp: 599776

Ion Ratio Lower Upper

152 100

151 20.4 16.4 24.6

153 14.0 10.9 16.3



#50

Dimethylphthalate

Concen: 39.158 ng

RT: 9.551 min Scan# 1268

Delta R.T. -0.012 min

Lab File: BF141577.D

Acq: 12 Feb 2025 09:32

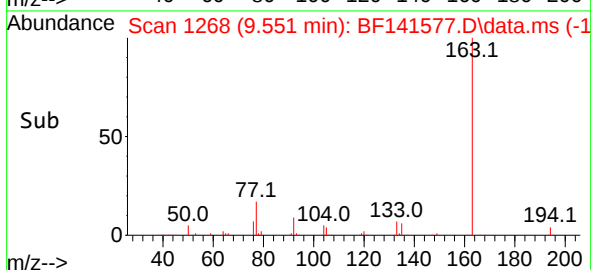
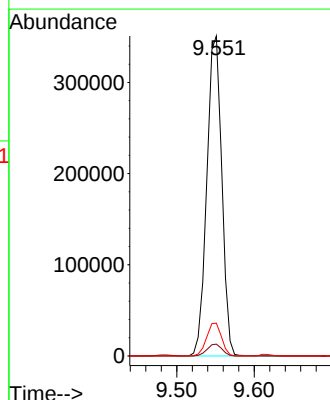
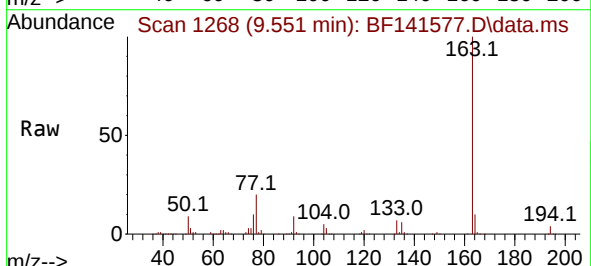
Tgt Ion:163 Resp: 469745

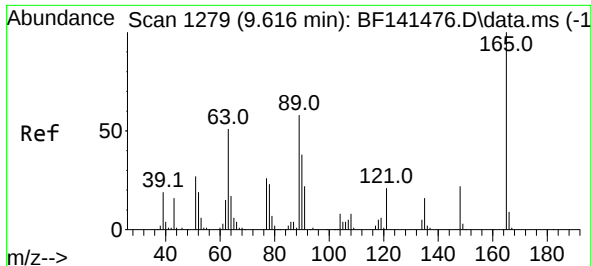
Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

164 10.3 7.9 11.9





#51

2,6-Dinitrotoluene

Concen: 39.053 ng

RT: 9.616 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141577.D

Acq: 12 Feb 2025 09:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

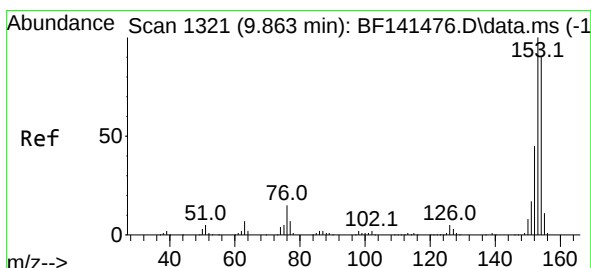
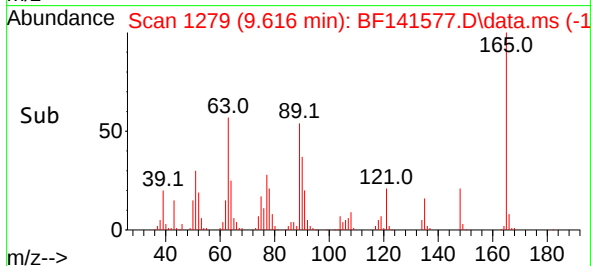
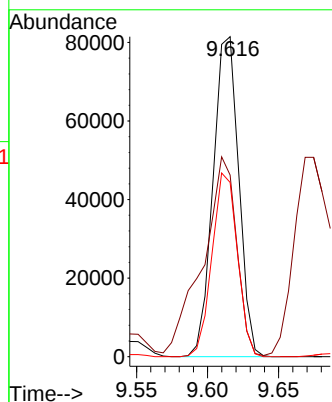
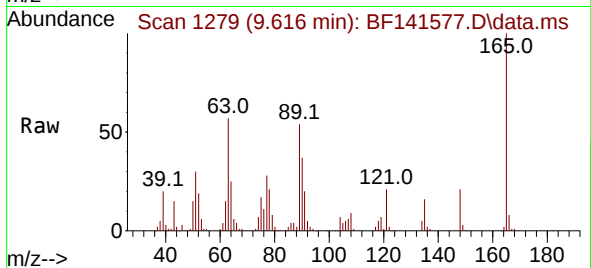
Tgt Ion:165 Resp: 102416

Ion Ratio Lower Upper

165 100

63 56.8 49.4 74.0

89 54.5 46.5 69.7



#52

Acenaphthene

Concen: 39.393 ng

RT: 9.857 min Scan# 1320

Delta R.T. -0.012 min

Lab File: BF141577.D

Acq: 12 Feb 2025 09:32

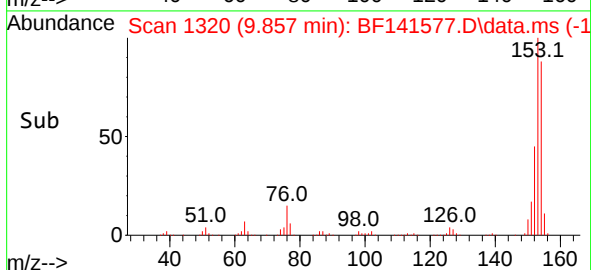
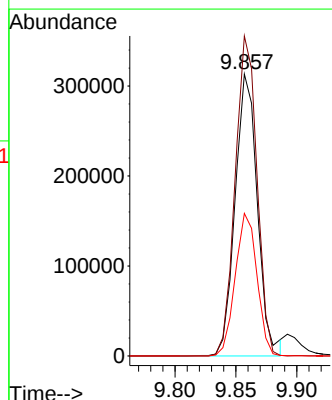
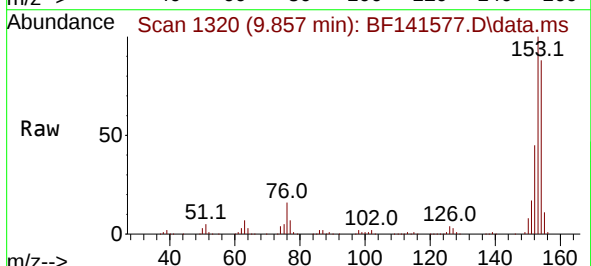
Tgt Ion:154 Resp: 399056

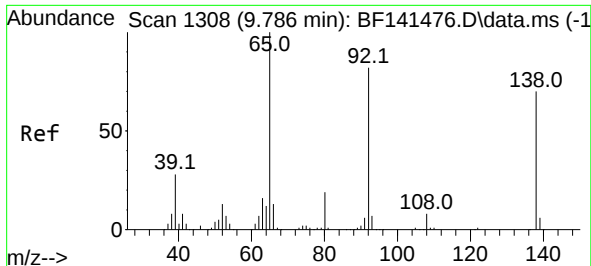
Ion Ratio Lower Upper

154 100

153 113.5 89.2 133.8

152 50.6 39.8 59.8

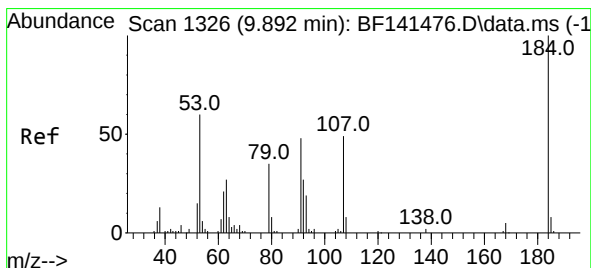
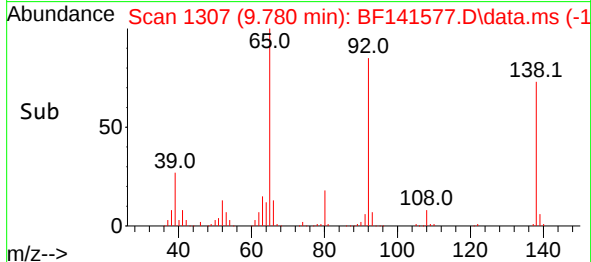
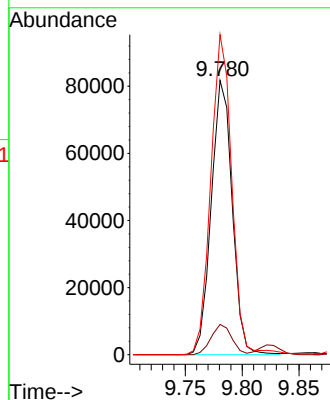
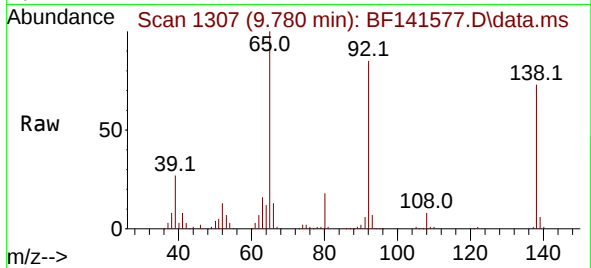




#53
3-Nitroaniline
Concen: 37.155 ng
RT: 9.780 min Scan# 1308
Delta R.T. -0.012 min
Lab File: BF141577.D
Acq: 12 Feb 2025 09:32

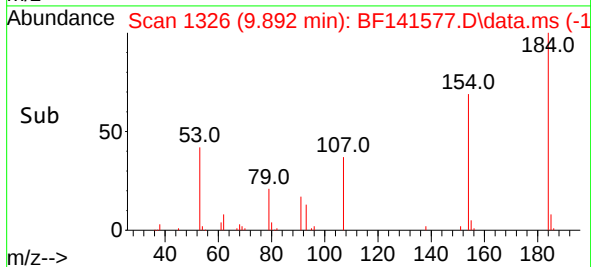
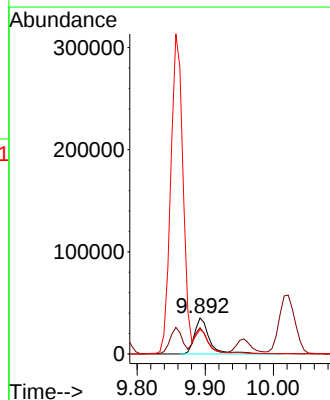
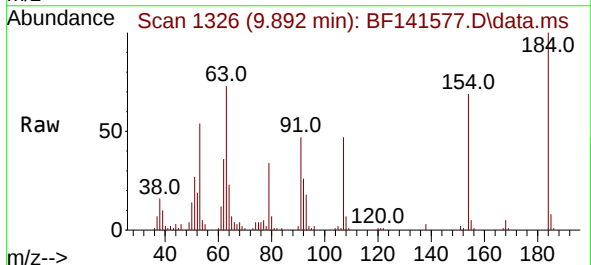
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

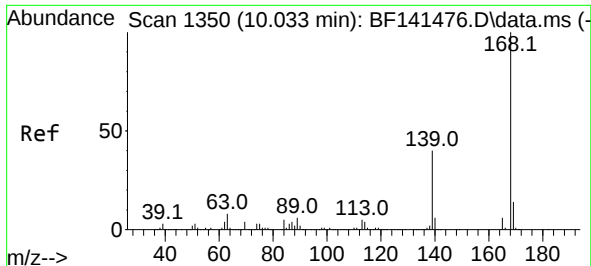
Tgt Ion:138 Resp: 104872
Ion Ratio Lower Upper
138 100
108 11.0 9.0 13.4
92 116.7 93.7 140.5



#54
2,4-Dinitrophenol
Concen: 34.472 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF141577.D
Acq: 12 Feb 2025 09:32

Tgt Ion:184 Resp: 53728
Ion Ratio Lower Upper
184 100
63 72.8 61.0 91.6
154 68.6 59.9 89.9

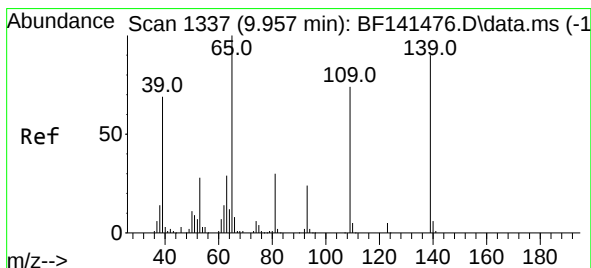
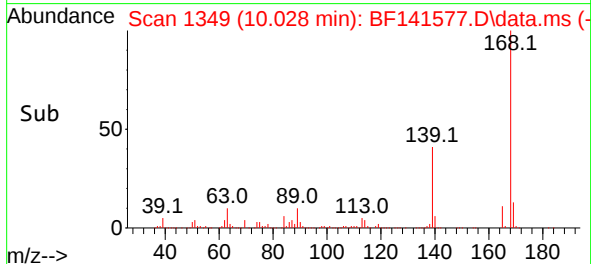
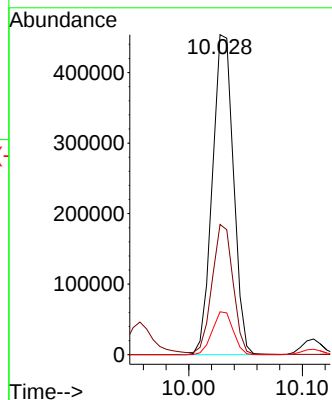
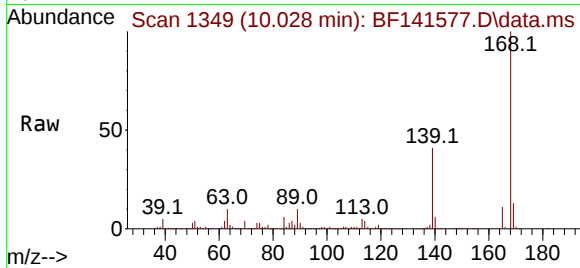




#55
Dibenzenofuran
Concen: 39.405 ng
RT: 10.028 min Scan# 1349
Delta R.T. -0.012 min
Lab File: BF141577.D
Acq: 12 Feb 2025 09:32

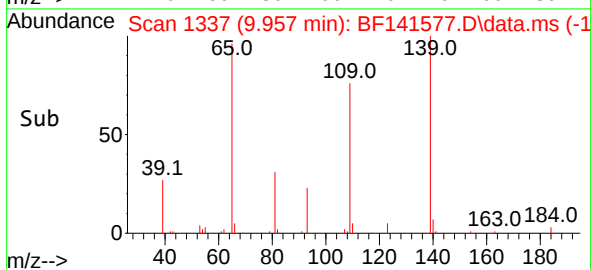
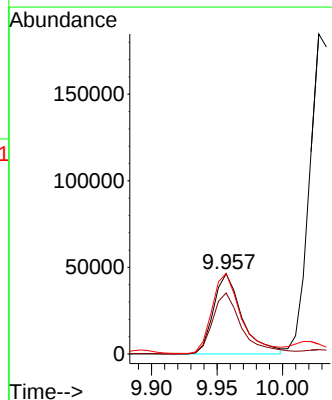
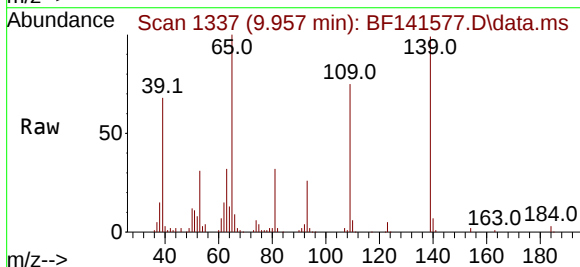
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

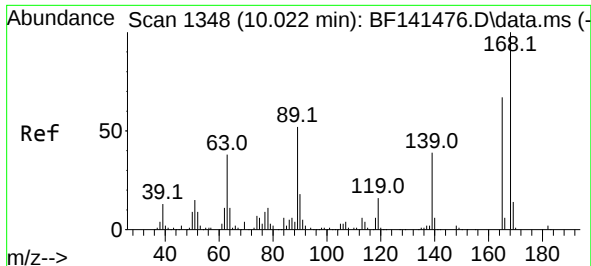
Tgt Ion:168 Resp: 585919
Ion Ratio Lower Upper
168 100
139 40.7 32.7 49.1
169 13.4 10.8 16.2



#56
4-Nitrophenol
Concen: 33.584 ng
RT: 9.957 min Scan# 1337
Delta R.T. -0.012 min
Lab File: BF141577.D
Acq: 12 Feb 2025 09:32

Tgt Ion:139 Resp: 70367
Ion Ratio Lower Upper
139 100
109 75.9 62.0 102.0
65 100.6 91.2 131.2

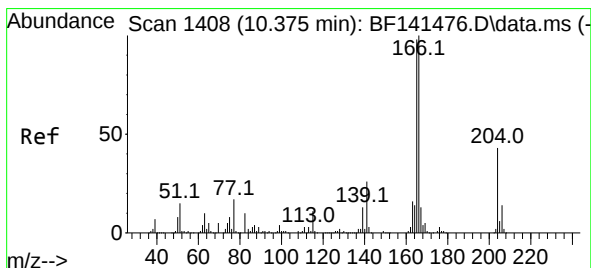
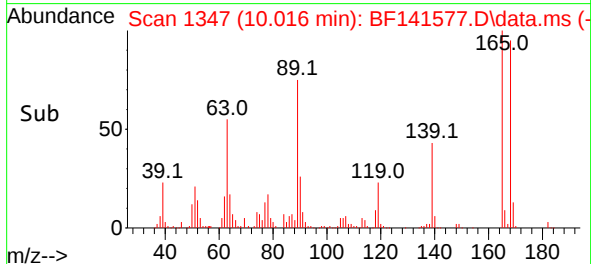
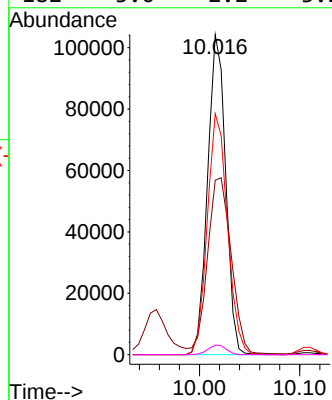
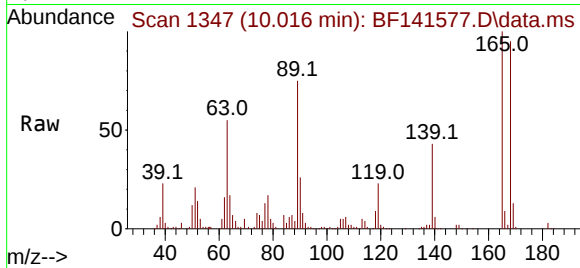




#57
2,4-Dinitrotoluene
Concen: 37.512 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141577.D
Acq: 12 Feb 2025 09:32

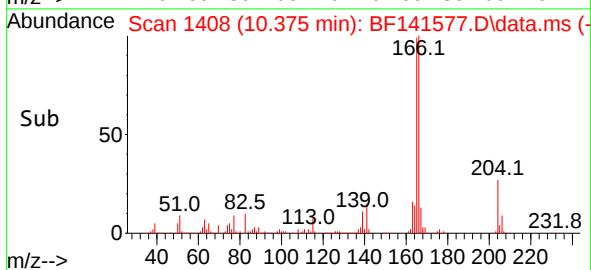
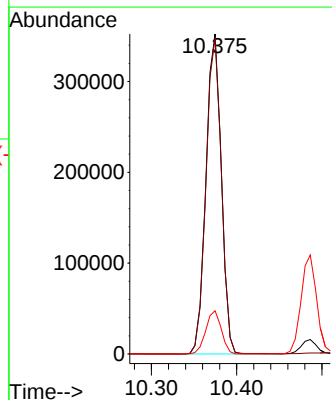
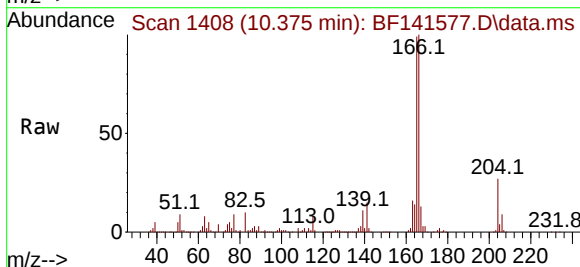
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

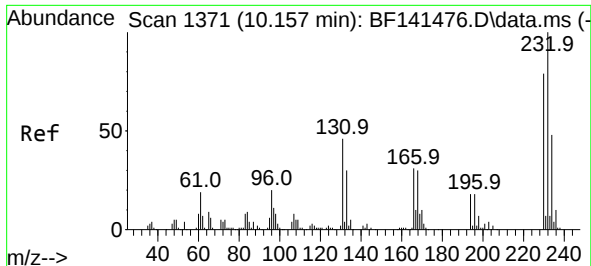
Tgt Ion:165 Resp: 130961
Ion Ratio Lower Upper
165 100
63 54.5 46.4 69.6
89 75.3 61.8 92.6
182 3.0 2.2 3.2



#58
Fluorene
Concen: 38.353 ng
RT: 10.375 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF141577.D
Acq: 12 Feb 2025 09:32

Tgt Ion:166 Resp: 440944
Ion Ratio Lower Upper
166 100
165 98.7 78.2 117.2
167 13.5 10.7 16.1

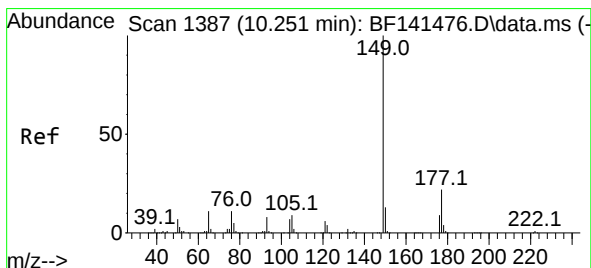
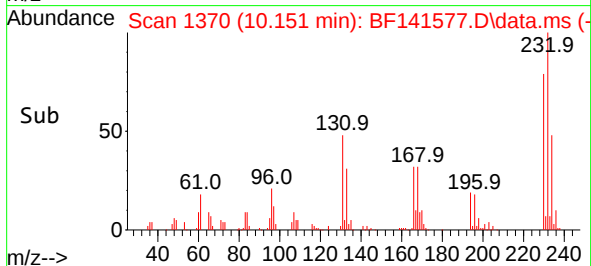
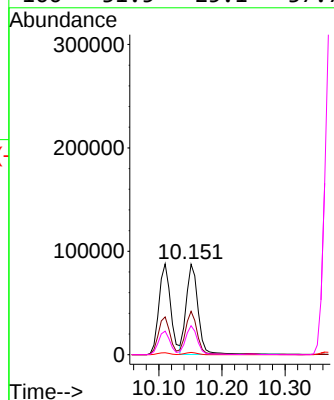
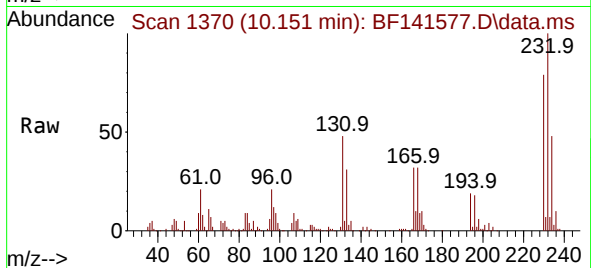




#59
2,3,4,6-Tetrachlorophenol
Concen: 37.034 ng
RT: 10.151 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141577.D
Acq: 12 Feb 2025 09:32

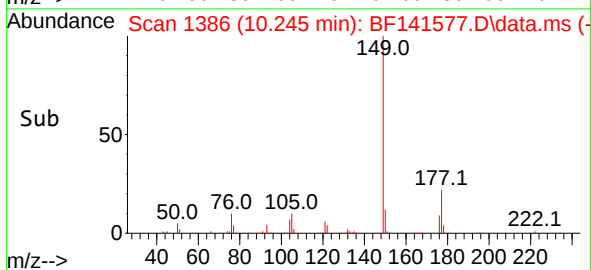
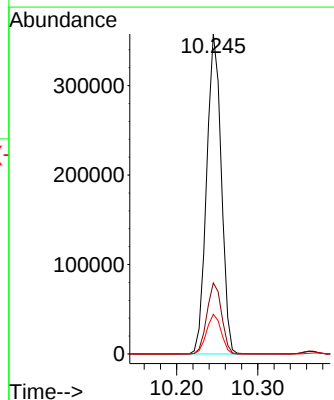
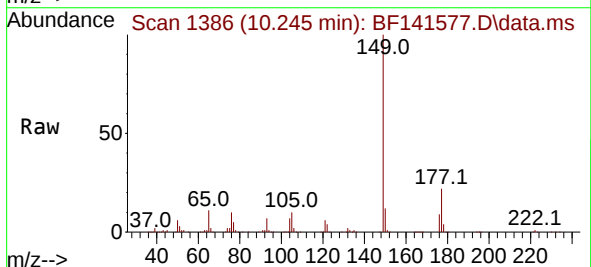
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

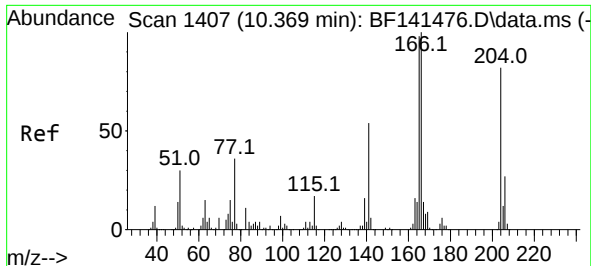
Tgt Ion:232 Resp: 114176
Ion Ratio Lower Upper
232 100
131 46.6 39.2 58.8
130 2.5 2.1 3.1
166 31.5 25.1 37.7



#60
Diethylphthalate
Concen: 37.866 ng
RT: 10.245 min Scan# 1386
Delta R.T. -0.012 min
Lab File: BF141577.D
Acq: 12 Feb 2025 09:32

Tgt Ion:149 Resp: 446928
Ion Ratio Lower Upper
149 100
177 22.2 17.8 26.6
150 12.4 10.1 15.1

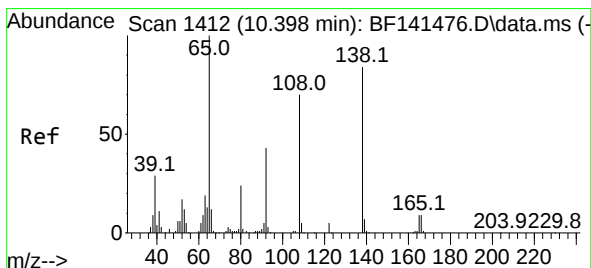
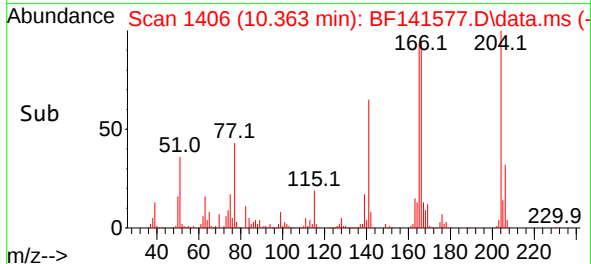
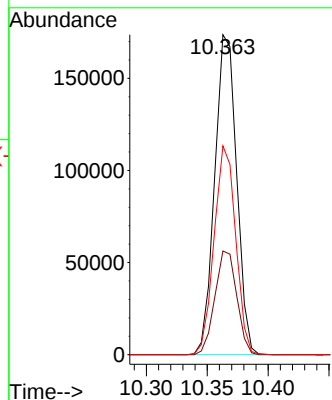
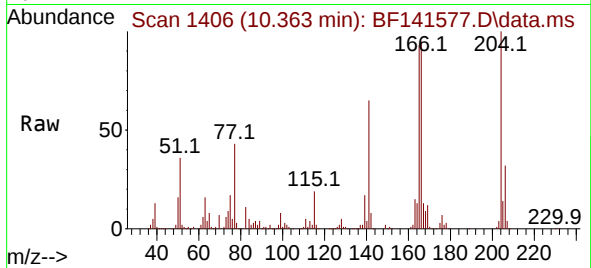




#61
4-Chlorophenyl-phenylether
Concen: 39.379 ng
RT: 10.363 min Scan# 1411
Delta R.T. -0.012 min
Lab File: BF141577.D
Acq: 12 Feb 2025 09:32

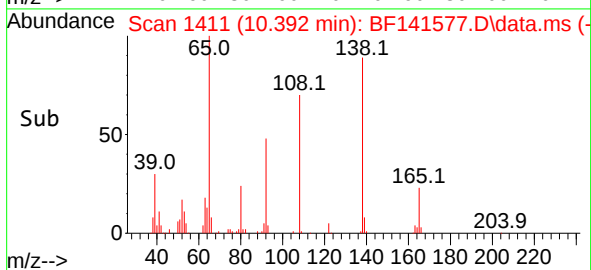
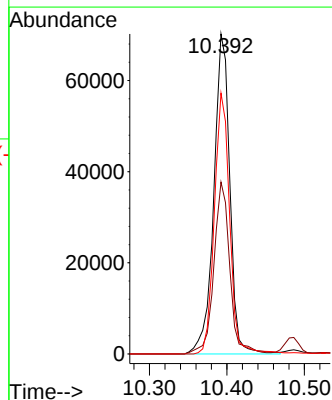
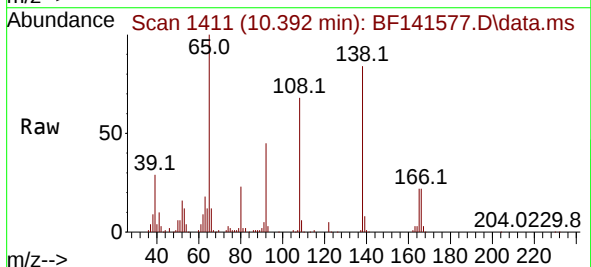
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

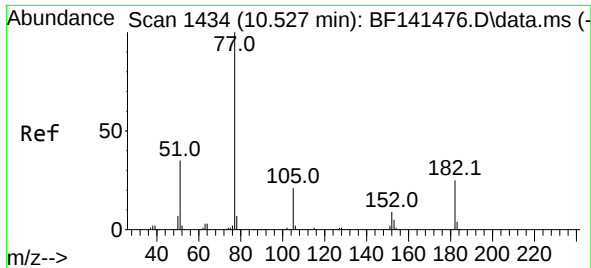
Tgt Ion:204 Resp: 217807
Ion Ratio Lower Upper
204 100
206 32.4 26.6 40.0
141 65.3 51.9 77.9



#62
4-Nitroaniline
Concen: 35.259 ng
RT: 10.392 min Scan# 1411
Delta R.T. -0.023 min
Lab File: BF141577.D
Acq: 12 Feb 2025 09:32

Tgt Ion:138 Resp: 101054
Ion Ratio Lower Upper
138 100
92 53.7 31.3 71.3
108 81.5 63.7 103.7

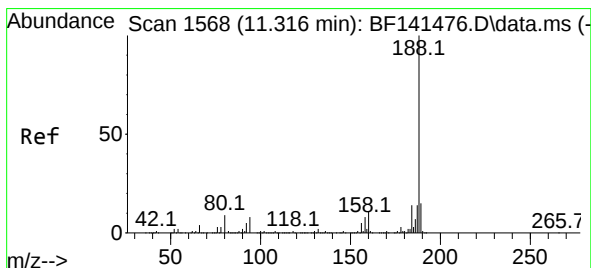
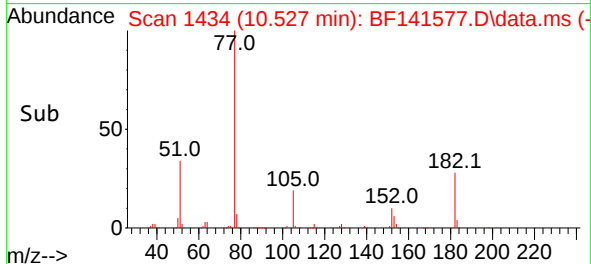
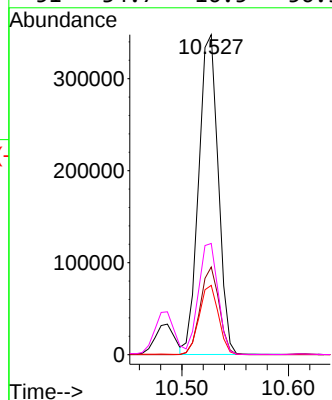
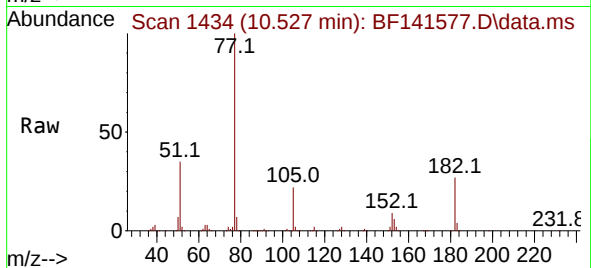




#63
Azobenzene
Concen: 37.834 ng
RT: 10.527 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF141577.D
Acq: 12 Feb 2025 09:32

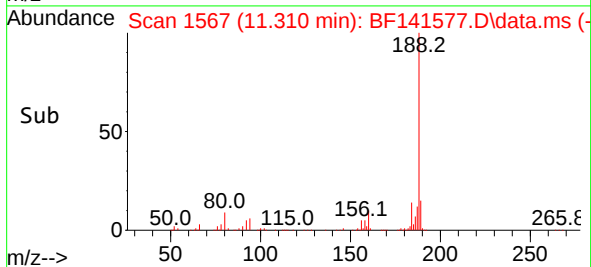
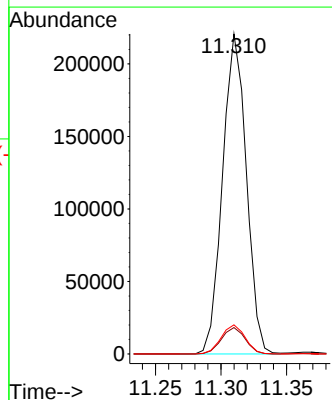
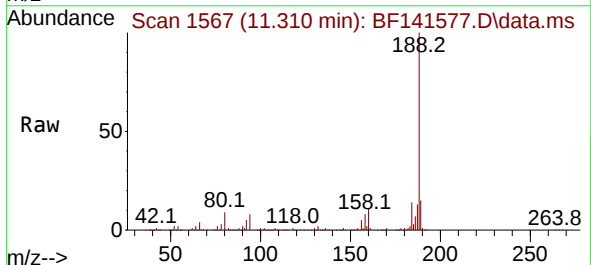
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

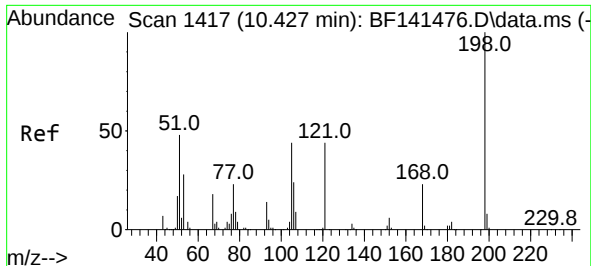
Tgt Ion: 77 Resp: 443930
Ion Ratio Lower Upper
77 100
182 27.4 4.7 44.7
105 21.7 0.4 40.4
51 34.7 16.5 56.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF141577.D
Acq: 12 Feb 2025 09:32

Tgt Ion: 188 Resp: 278375
Ion Ratio Lower Upper
188 100
94 8.2 6.6 10.0
80 9.1 7.3 10.9

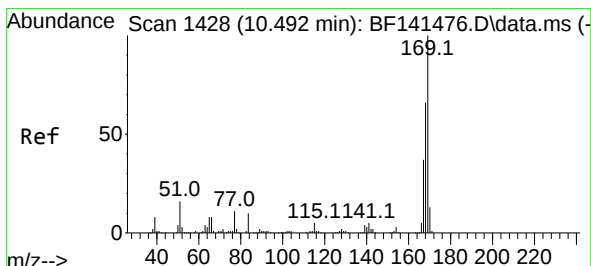
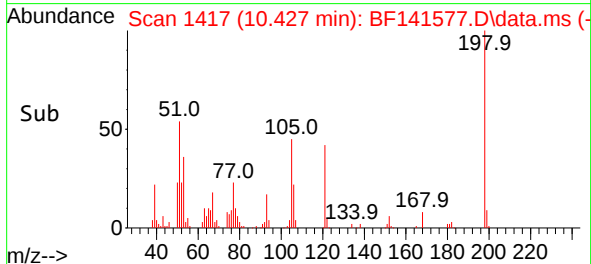
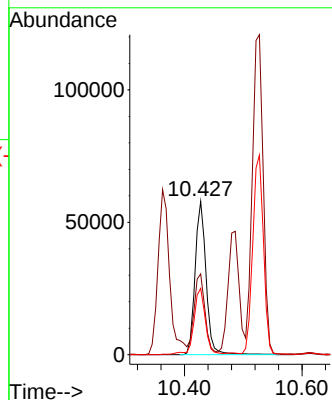
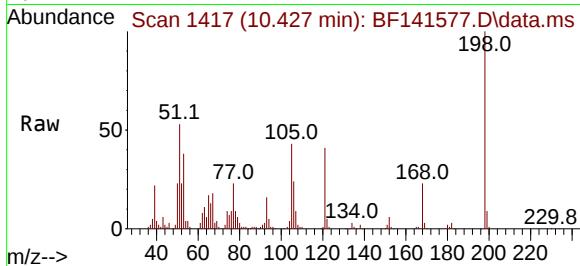




#65
4,6-Dinitro-2-methylphenol
Concen: 39.048 ng
RT: 10.427 min Scan# 1417
Delta R.T. -0.012 min
Lab File: BF141577.D
Acq: 12 Feb 2025 09:32

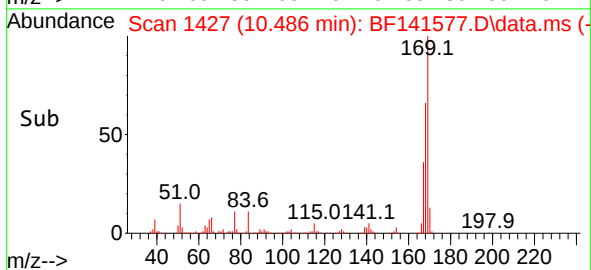
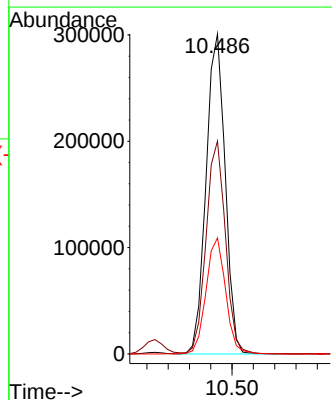
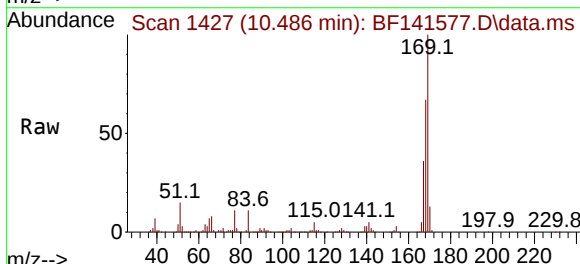
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

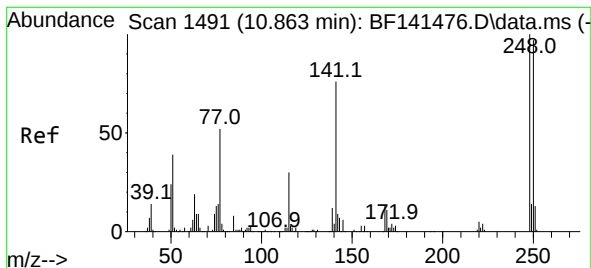
Tgt Ion:198 Resp: 75508
Ion Ratio Lower Upper
198 100
51 52.7 37.4 77.4
105 43.2 25.2 65.2



#66
n-Nitrosodiphenylamine
Concen: 42.121 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.012 min
Lab File: BF141577.D
Acq: 12 Feb 2025 09:32

Tgt Ion:169 Resp: 375340
Ion Ratio Lower Upper
169 100
168 66.5 53.3 79.9
167 36.3 29.4 44.2

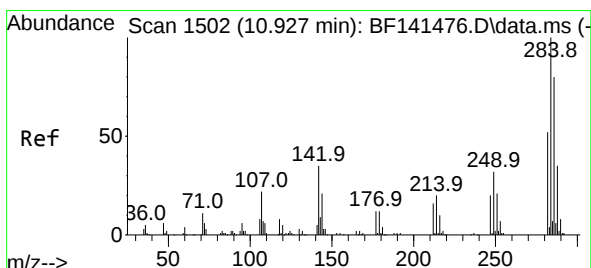
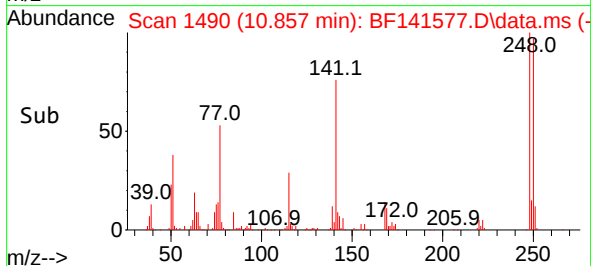
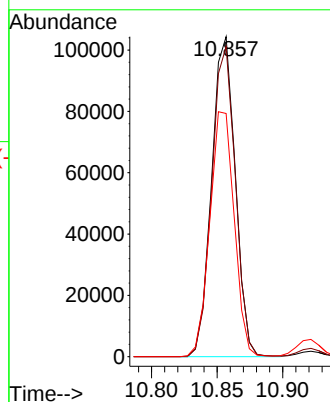
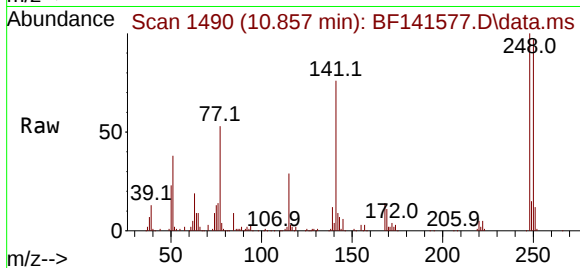




#67
4-Bromophenyl-phenylether
Concen: 42.058 ng
RT: 10.857 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF141577.D
Acq: 12 Feb 2025 09:32

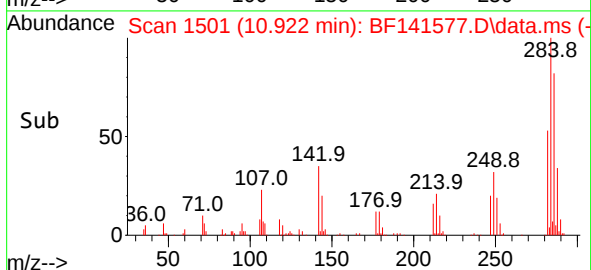
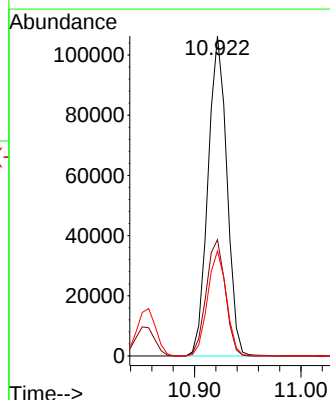
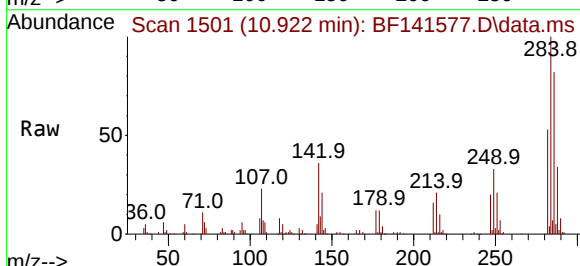
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

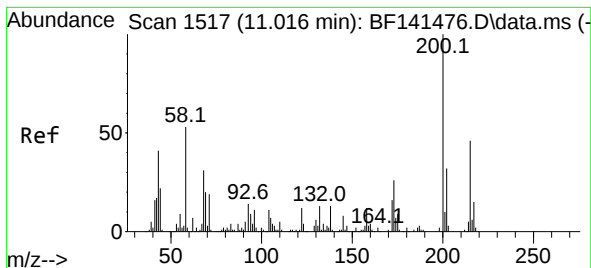
Tgt Ion:248 Resp: 130851
Ion Ratio Lower Upper
248 100
250 96.9 77.8 116.6
141 76.0 60.6 90.8



#68
Hexachlorobenzene
Concen: 41.010 ng
RT: 10.922 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF141577.D
Acq: 12 Feb 2025 09:32

Tgt Ion:284 Resp: 131383
Ion Ratio Lower Upper
284 100
142 36.4 28.0 42.0
249 32.8 25.8 38.8





#69

Atrazine

Concen: 35.460 ng

RT: 11.010 min Scan# 1516

Delta R.T. -0.012 min

Lab File: BF141577.D

Acq: 12 Feb 2025 09:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

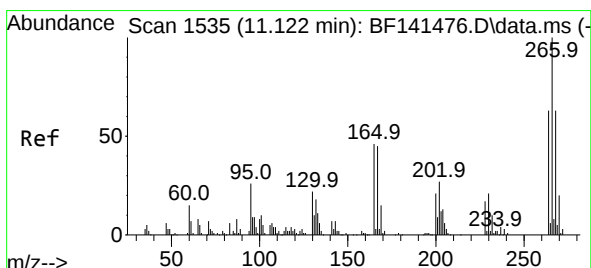
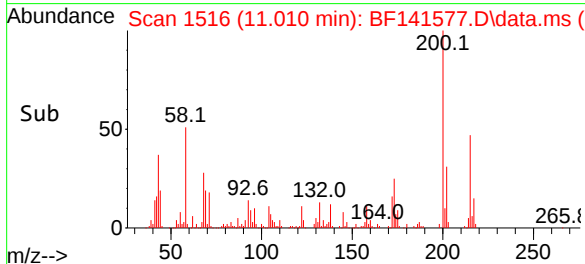
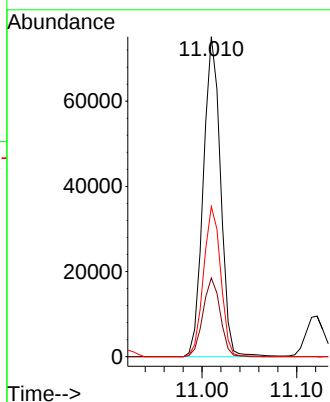
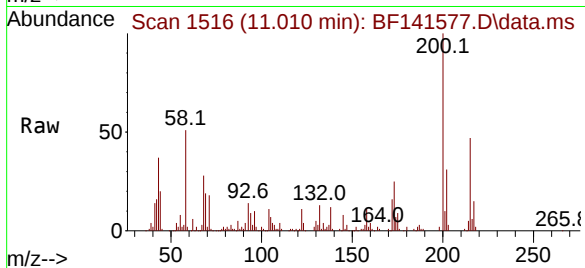
Tgt Ion:200 Resp: 94795

Ion Ratio Lower Upper

200 100

173 24.6 5.9 45.9

215 46.9 25.9 65.9



#70

Pentachlorophenol

Concen: 36.502 ng

RT: 11.122 min Scan# 1535

Delta R.T. -0.006 min

Lab File: BF141577.D

Acq: 12 Feb 2025 09:32

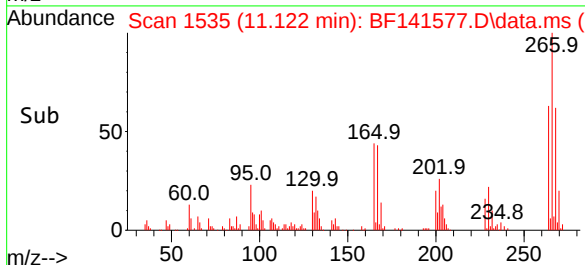
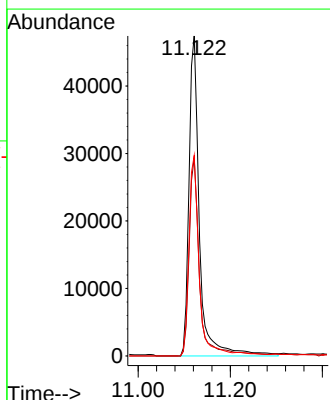
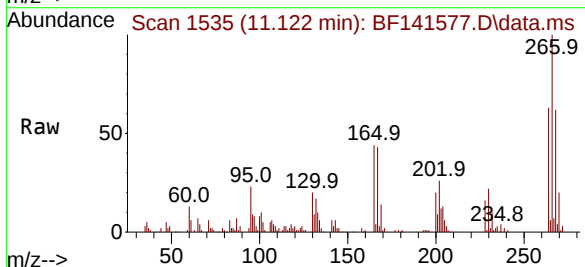
Tgt Ion:266 Resp: 74774

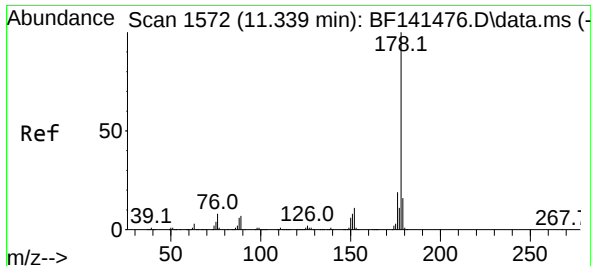
Ion Ratio Lower Upper

266 100

268 61.9 50.1 75.1

264 62.6 50.1 75.1

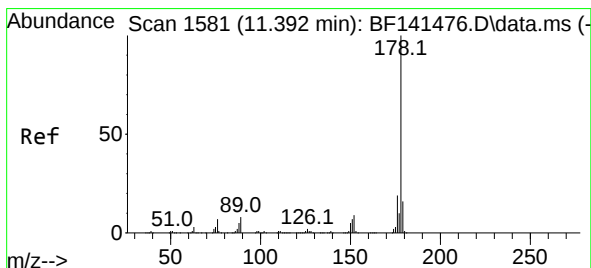
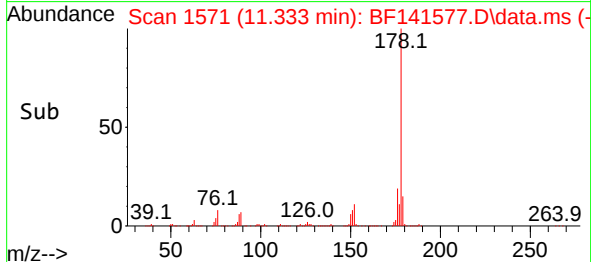
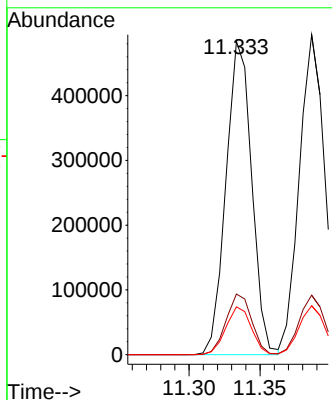
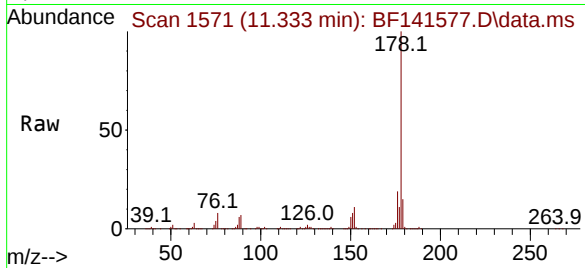




#71
Phenanthrene
Concen: 39.900 ng
RT: 11.333 min Scan# 1571
Delta R.T. -0.012 min
Lab File: BF141577.D
Acq: 12 Feb 2025 09:32

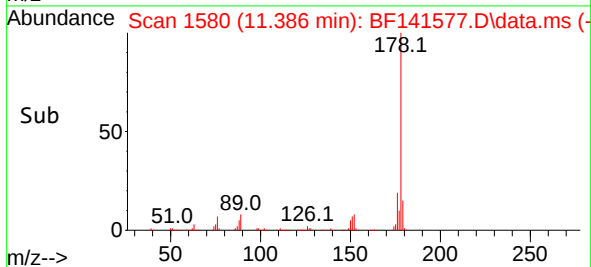
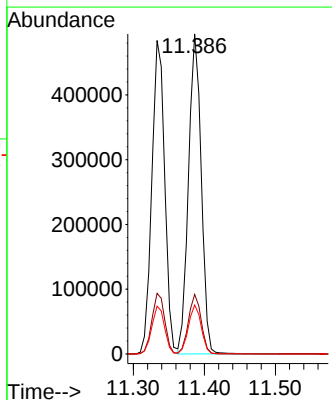
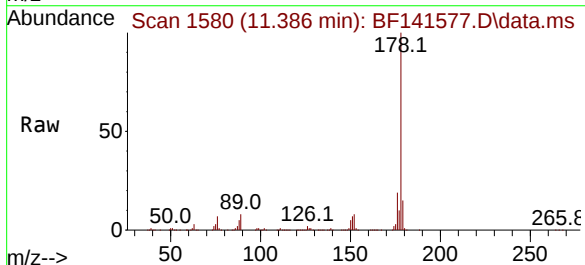
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

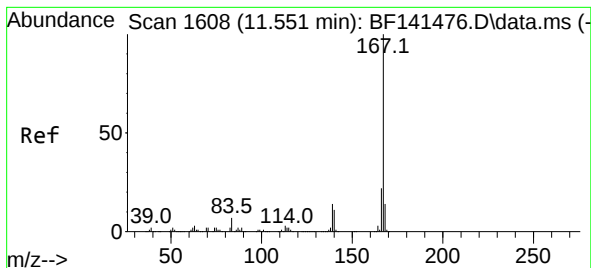
Tgt Ion:178 Resp: 611394
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 15.2 12.4 18.6



#72
Anthracene
Concen: 40.026 ng
RT: 11.386 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BF141577.D
Acq: 12 Feb 2025 09:32

Tgt Ion:178 Resp: 616552
Ion Ratio Lower Upper
178 100
176 18.6 14.8 22.2
179 15.3 12.4 18.6





#73

Carbazole

Concen: 38.091 ng

RT: 11.545 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141577.D

Acq: 12 Feb 2025 09:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

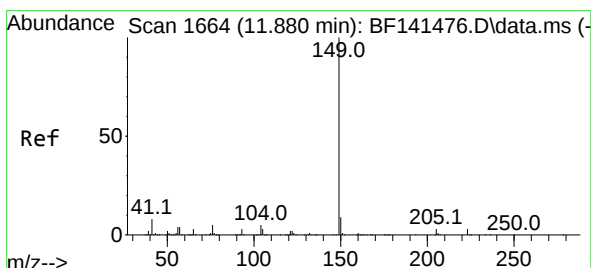
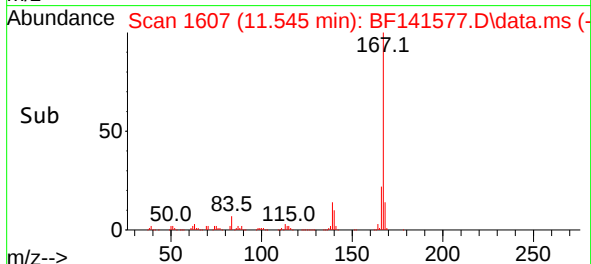
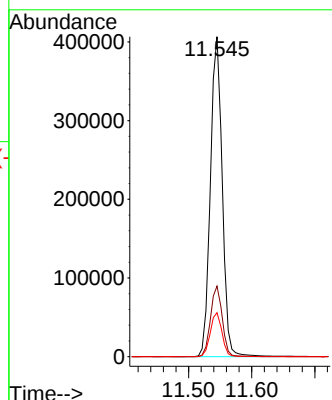
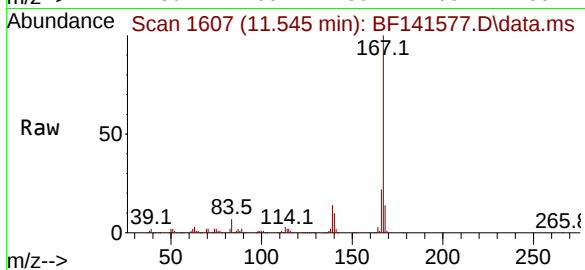
Tgt Ion:167 Resp: 527937

Ion Ratio Lower Upper

167 100

166 22.0 17.4 26.2

139 13.8 10.9 16.3



#74

Di-n-butylphthalate

Concen: 39.567 ng

RT: 11.874 min Scan# 1663

Delta R.T. -0.006 min

Lab File: BF141577.D

Acq: 12 Feb 2025 09:32

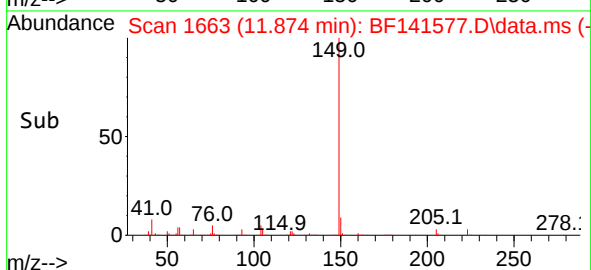
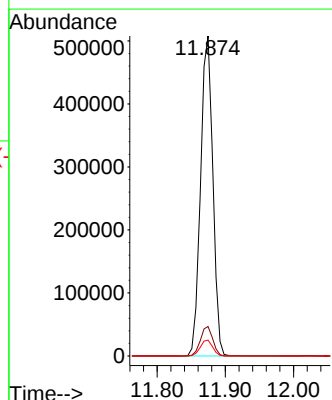
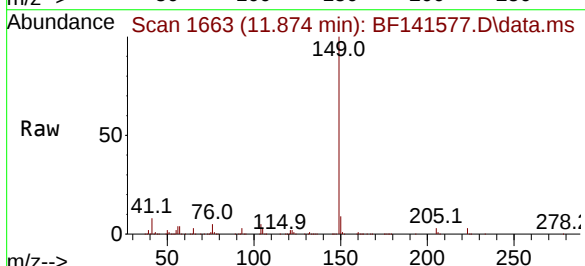
Tgt Ion:149 Resp: 633213

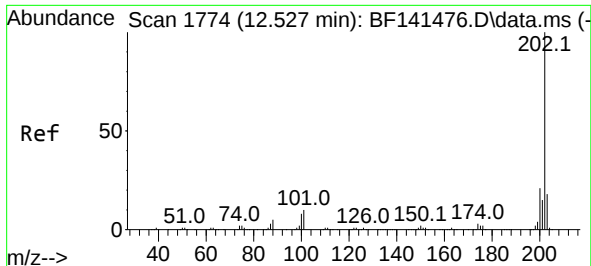
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 5.0 4.2 6.2

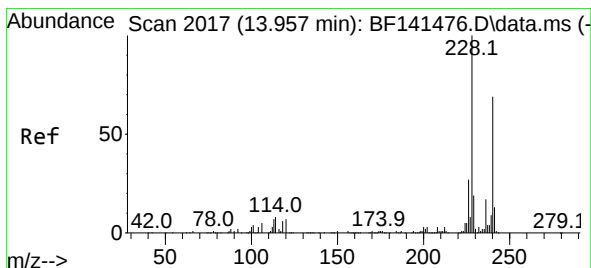
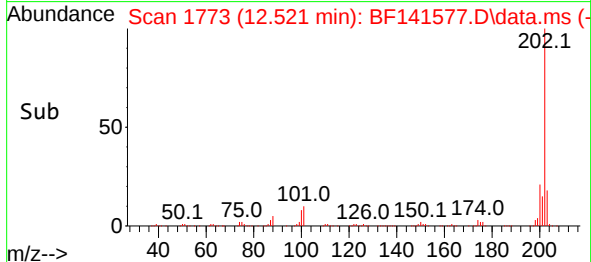
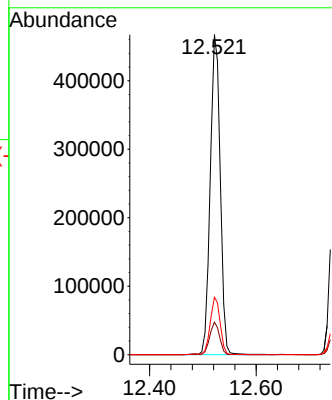
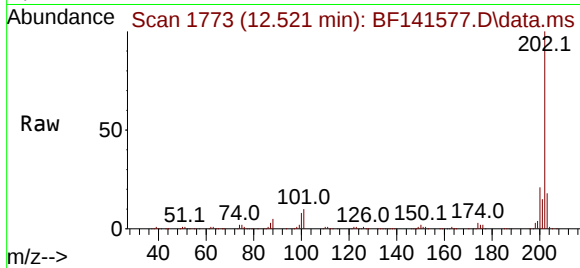




#75
Fluoranthene
Concen: 37.392 ng
RT: 12.521 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF141577.D
Acq: 12 Feb 2025 09:32

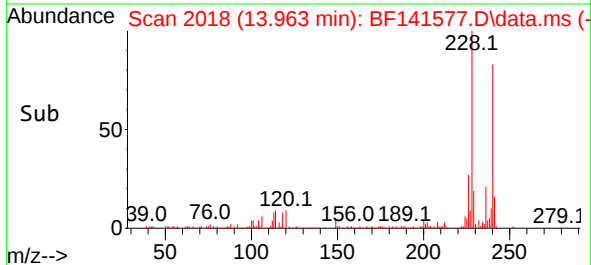
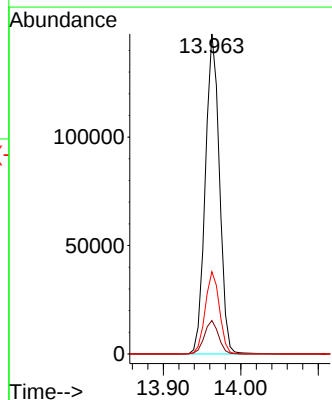
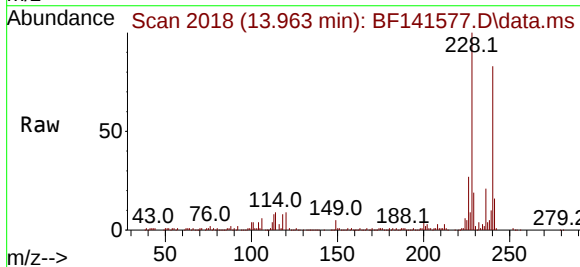
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

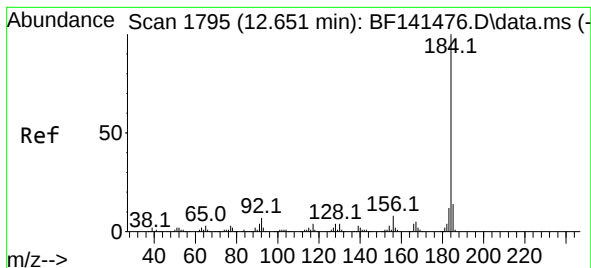
Tgt Ion:202 Resp: 607465
Ion Ratio Lower Upper
202 100
101 10.2 0.0 30.2
203 17.9 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF141577.D
Acq: 12 Feb 2025 09:32

Tgt Ion:240 Resp: 186637
Ion Ratio Lower Upper
240 100
120 10.4 8.0 12.0
236 25.7 19.8 29.8





#77

Benzidine

Concen: 25.206 ng

RT: 12.651 min Scan# 1795

Delta R.T. -0.006 min

Lab File: BF141577.D

Acq: 12 Feb 2025 09:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

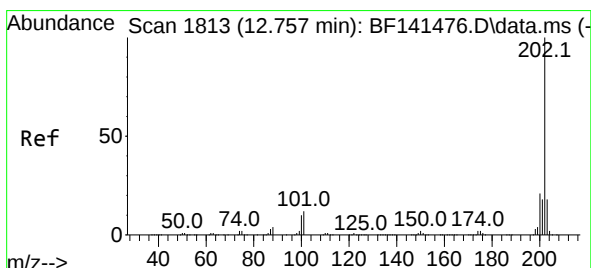
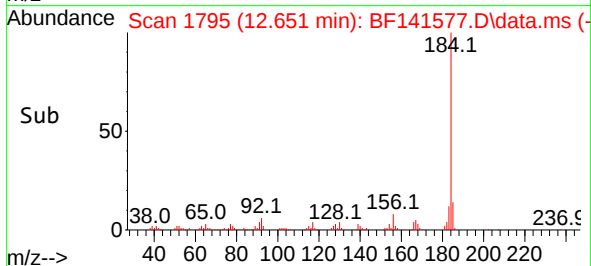
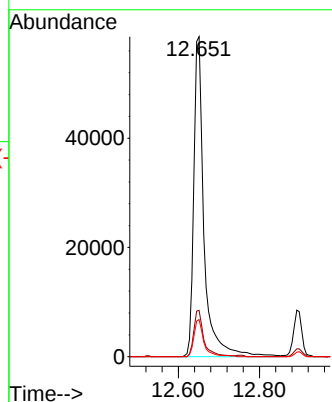
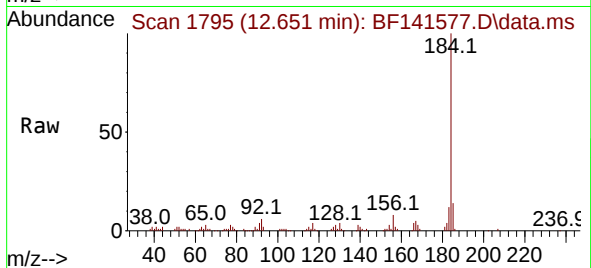
Tgt Ion:184 Resp: 103753

Ion Ratio Lower Upper

184 100

185 14.5 11.3 16.9

183 11.6 9.3 13.9



#78

Pyrene

Concen: 38.604 ng

RT: 12.751 min Scan# 1812

Delta R.T. -0.012 min

Lab File: BF141577.D

Acq: 12 Feb 2025 09:32

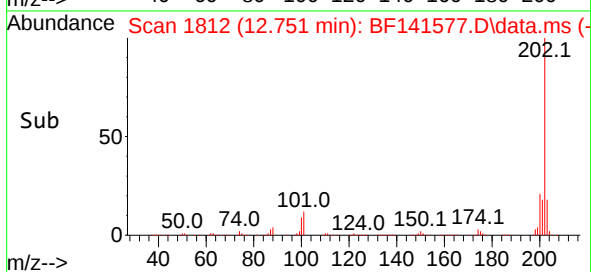
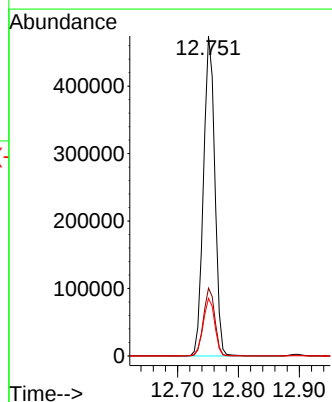
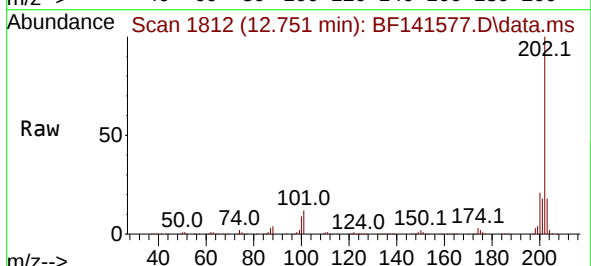
Tgt Ion:202 Resp: 613334

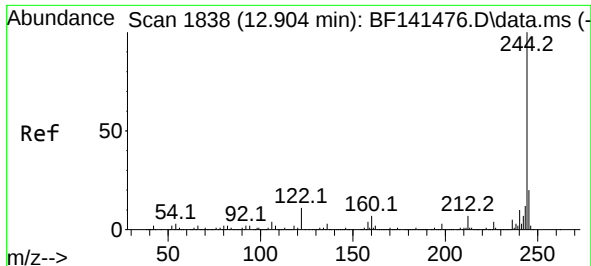
Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.4

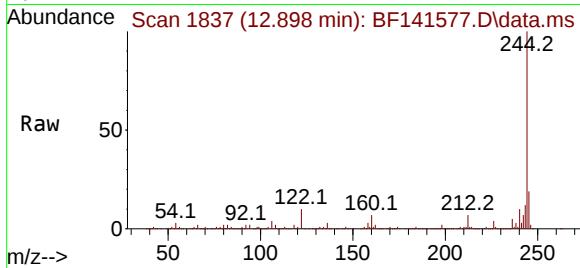
203 18.0 14.3 21.5



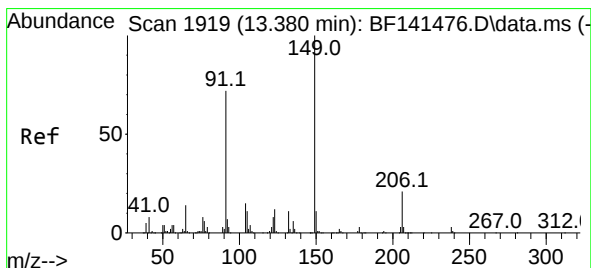
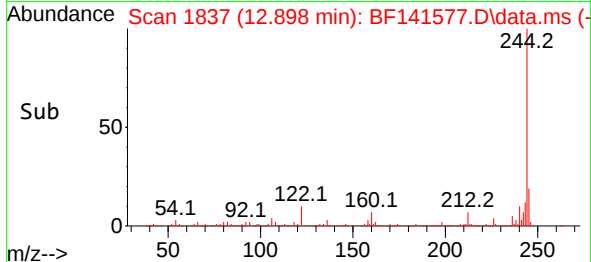
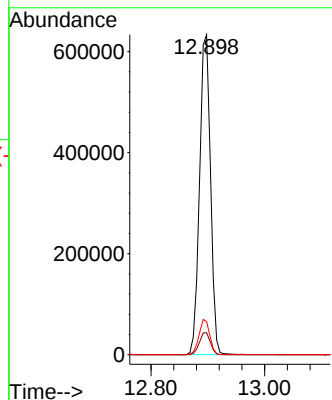


#79
 Terphenyl-d14
 Concen: 76.910 ng
 RT: 12.898 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF141577.D
 Acq: 12 Feb 2025 09:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

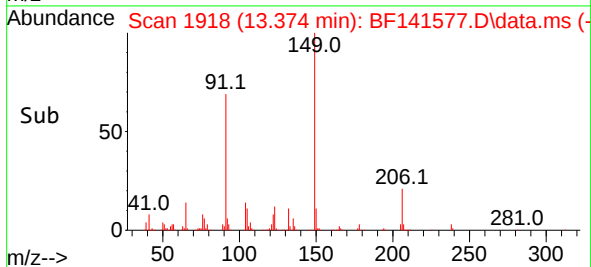
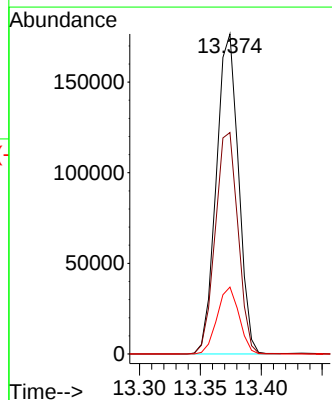
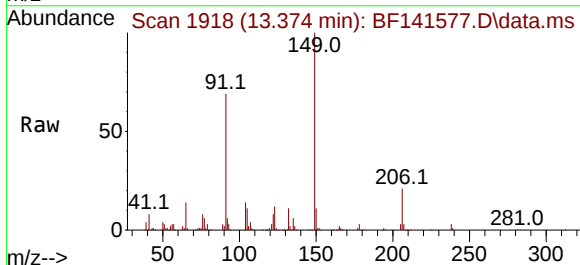


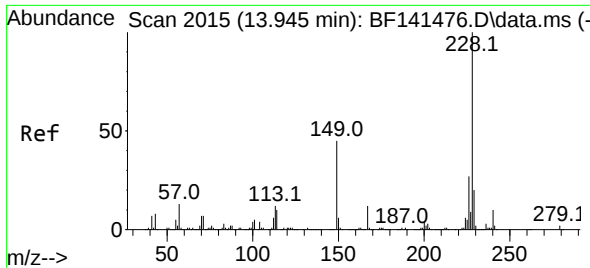
Tgt Ion:244 Resp: 850283
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 10.3 8.4 12.6



#80
 Butylbenzylphthalate
 Concen: 40.771 ng
 RT: 13.374 min Scan# 1918
 Delta R.T. -0.006 min
 Lab File: BF141577.D
 Acq: 12 Feb 2025 09:32

Tgt Ion:149 Resp: 224368
 Ion Ratio Lower Upper
 149 100
 91 69.2 57.8 86.8
 206 20.9 16.7 25.1

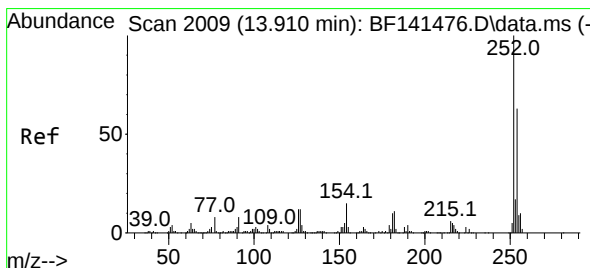
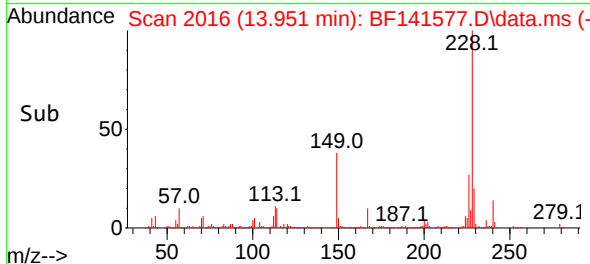
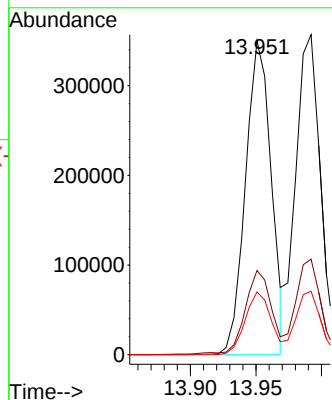
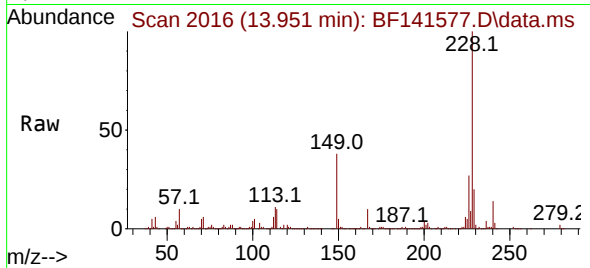




#81
Benzo(a)anthracene
Concen: 38.525 ng
RT: 13.951 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF141577.D
Acq: 12 Feb 2025 09:32

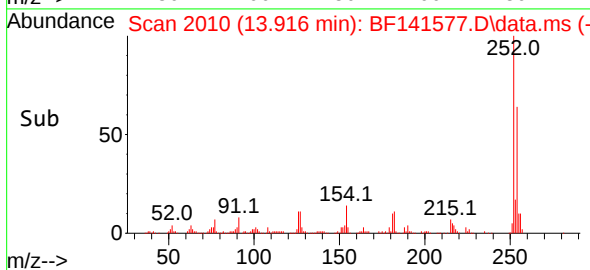
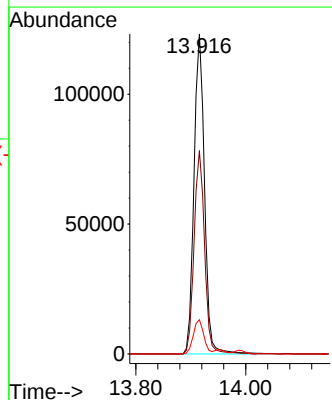
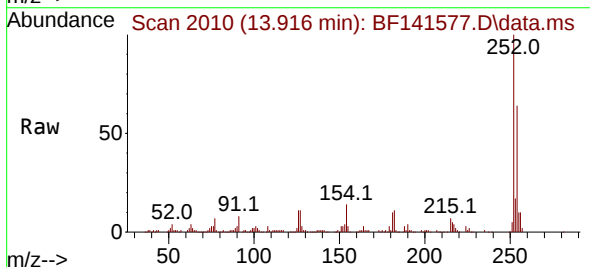
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

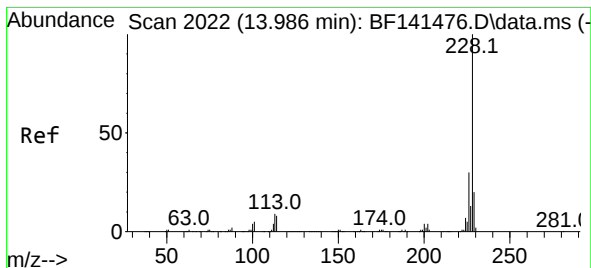
Tgt Ion:228 Resp: 477962
Ion Ratio Lower Upper
228 100
226 26.8 21.8 32.8
229 20.0 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 45.916 ng
RT: 13.916 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BF141577.D
Acq: 12 Feb 2025 09:32

Tgt Ion:252 Resp: 163180
Ion Ratio Lower Upper
252 100
254 63.5 50.6 76.0
126 10.7 9.3 13.9





#83

Chrysene

Concen: 40.775 ng

RT: 13.992 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF141577.D

Acq: 12 Feb 2025 09:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

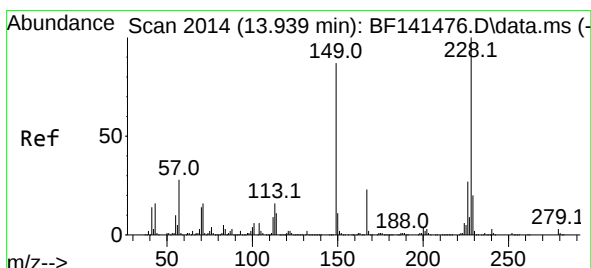
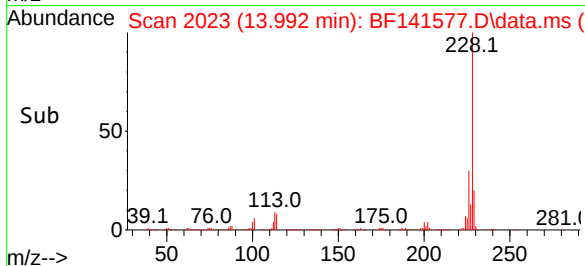
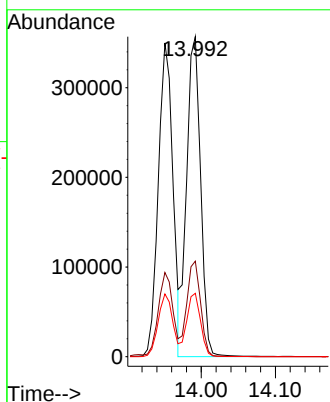
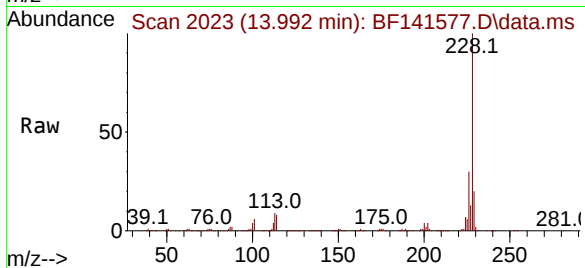
Tgt Ion:228 Resp: 467091

Ion Ratio Lower Upper

228 100

226 29.8 24.0 36.0

229 19.8 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.263 ng

RT: 13.939 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF141577.D

Acq: 12 Feb 2025 09:32

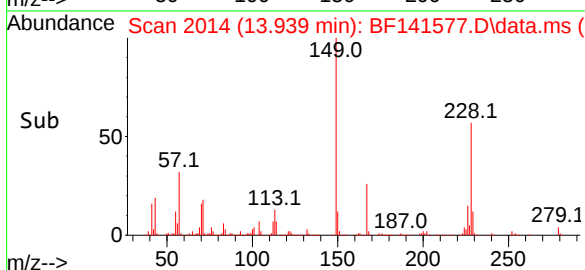
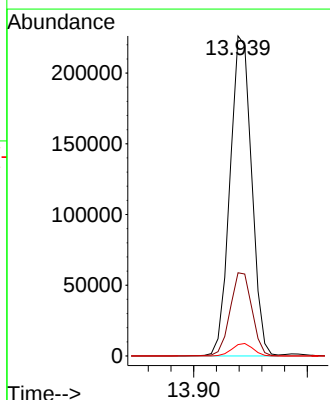
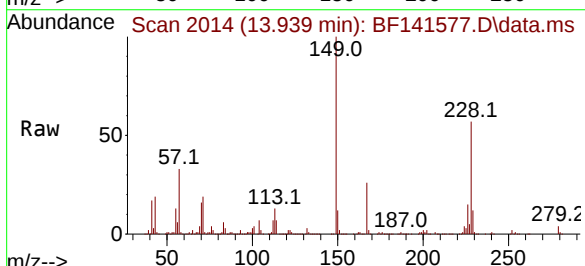
Tgt Ion:149 Resp: 299552

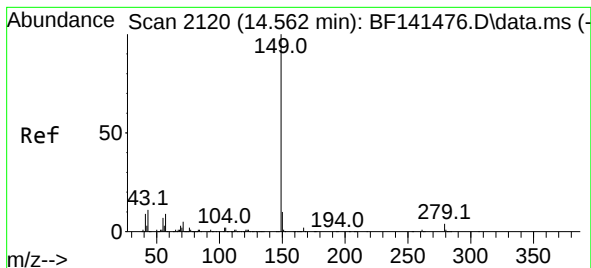
Ion Ratio Lower Upper

149 100

167 26.0 21.4 32.0

279 3.6 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 58.342 ng

RT: 14.586 min Scan# 21

Delta R.T. 0.024 min

Lab File: BF141577.D

Acq: 12 Feb 2025 09:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

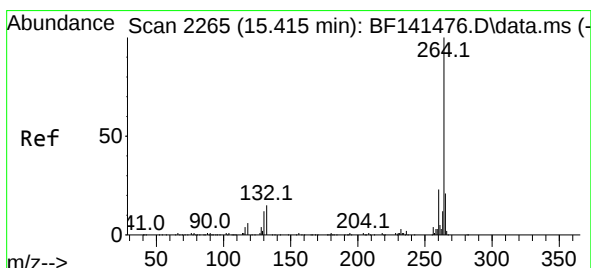
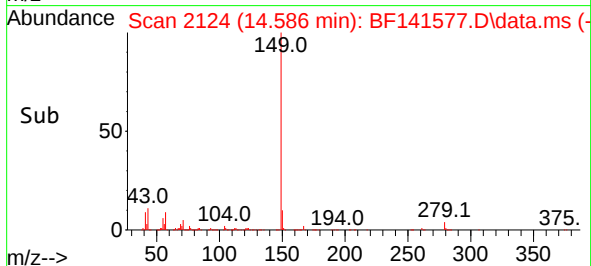
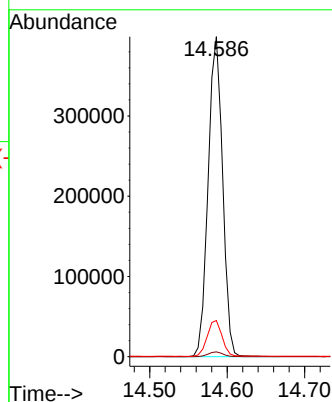
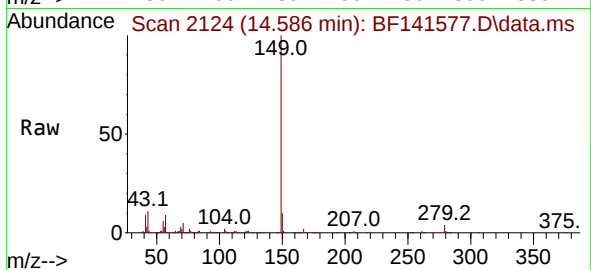
Tgt Ion:149 Resp: 516572

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 11.6 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2270

Delta R.T. 0.030 min

Lab File: BF141577.D

Acq: 12 Feb 2025 09:32

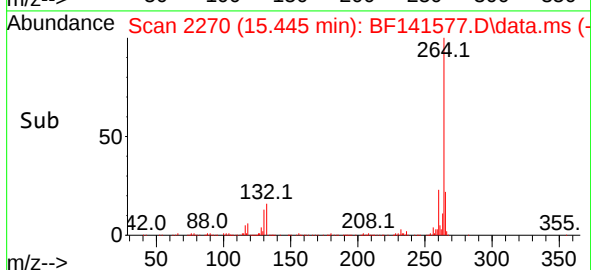
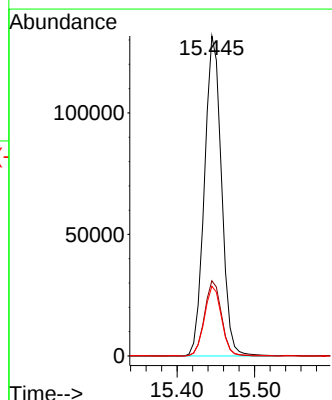
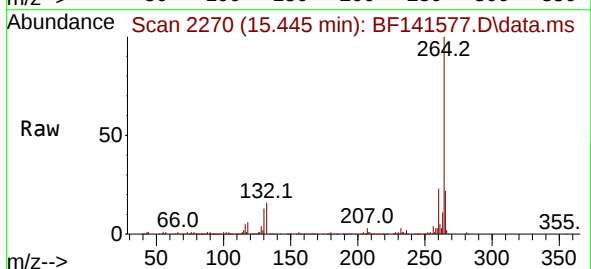
Tgt Ion:264 Resp: 201194

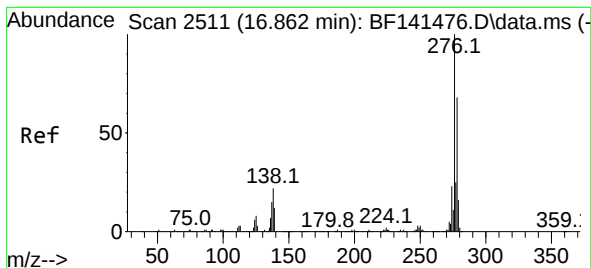
Ion Ratio Lower Upper

264 100

260 23.5 18.6 28.0

265 21.8 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.117 ng

RT: 16.898 min Scan# 2117

Delta R.T. 0.024 min

Lab File: BF141577.D

Acq: 12 Feb 2025 09:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

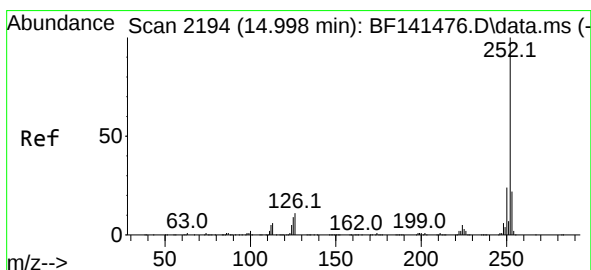
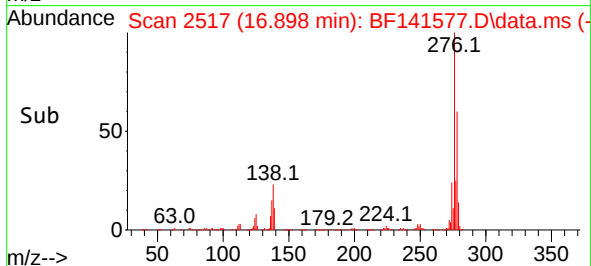
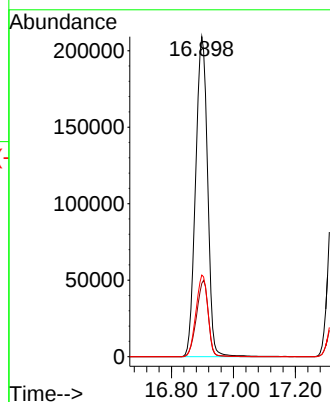
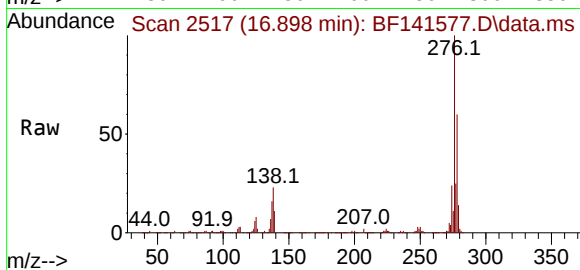
Tgt Ion:276 Resp: 560873

Ion Ratio Lower Upper

276 100

138 23.3 18.0 27.0

277 25.4 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 36.293 ng

RT: 15.027 min Scan# 2199

Delta R.T. 0.024 min

Lab File: BF141577.D

Acq: 12 Feb 2025 09:32

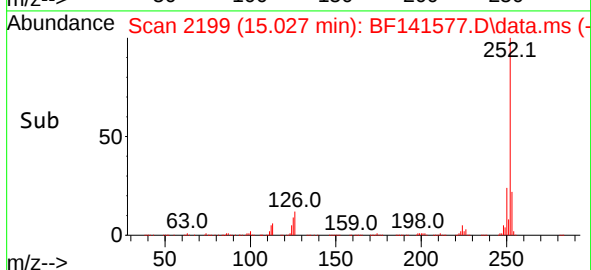
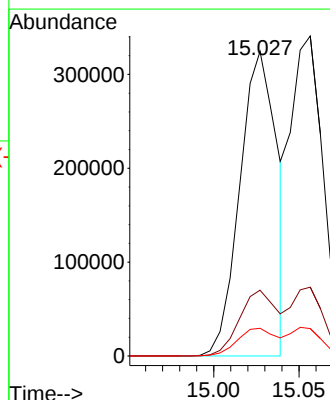
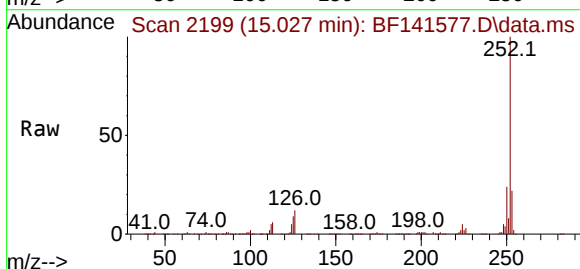
Tgt Ion:252 Resp: 490290

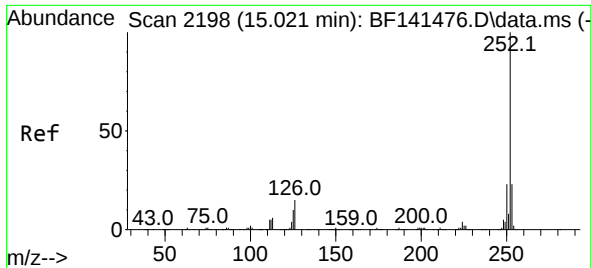
Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 9.1 7.0 10.6

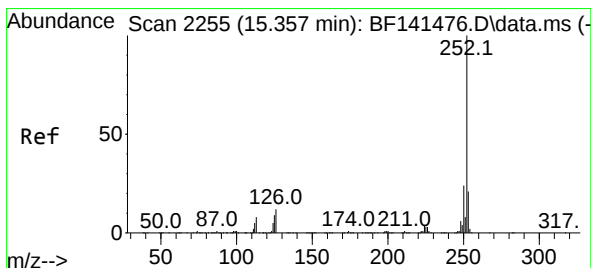
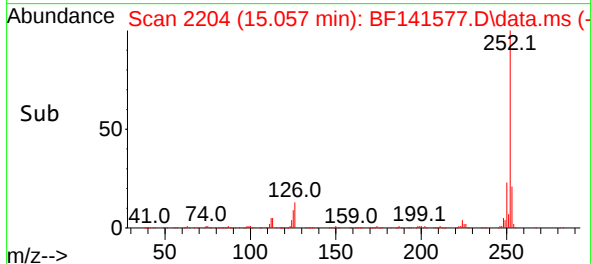
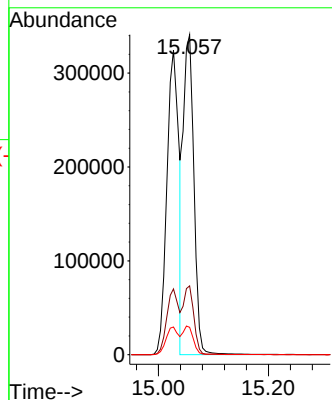
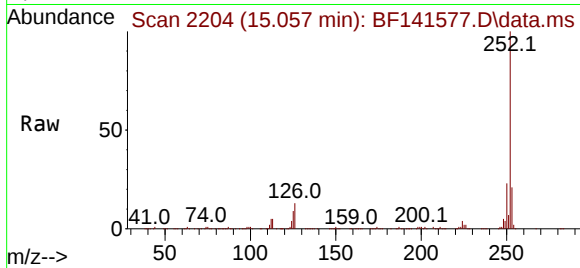




#89
Benzo(k)fluoranthene
Concen: 39.703 ng
RT: 15.057 min Scan# 2198
Delta R.T. 0.024 min
Lab File: BF141577.D
Acq: 12 Feb 2025 09:32

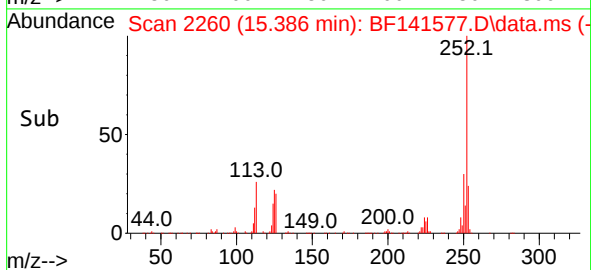
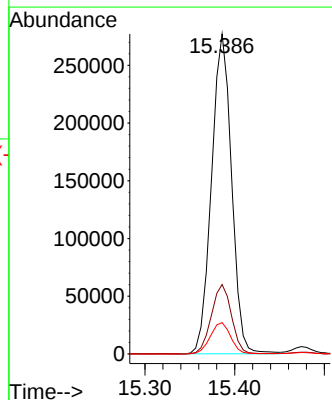
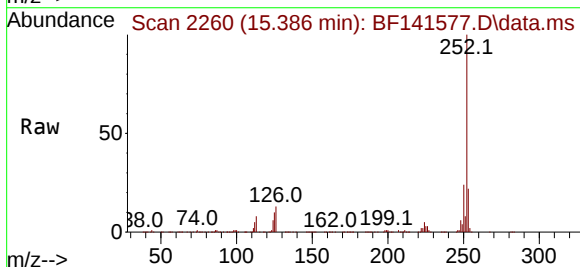
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

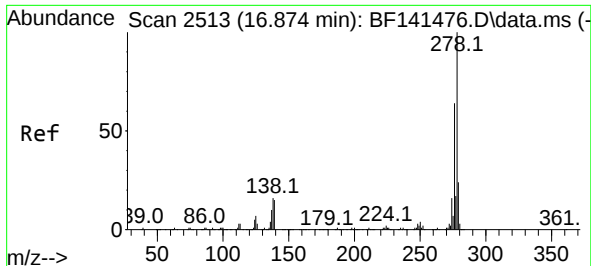
Tgt Ion:252 Resp: 458003
Ion Ratio Lower Upper
252 100
253 21.5 18.0 27.0
125 8.5 7.4 11.0



#90
Benzo(a)pyrene
Concen: 39.334 ng
RT: 15.386 min Scan# 2260
Delta R.T. 0.024 min
Lab File: BF141577.D
Acq: 12 Feb 2025 09:32

Tgt Ion:252 Resp: 429972
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 9.8 7.4 11.2

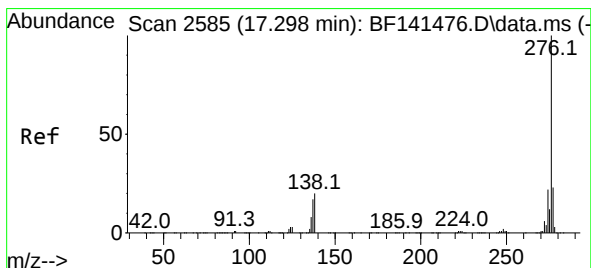
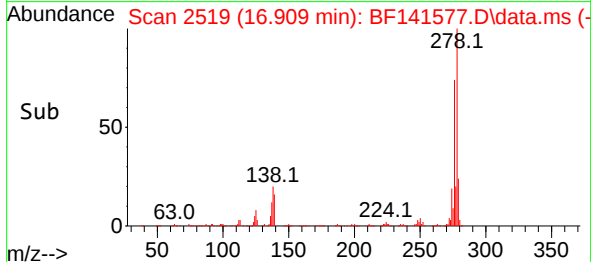
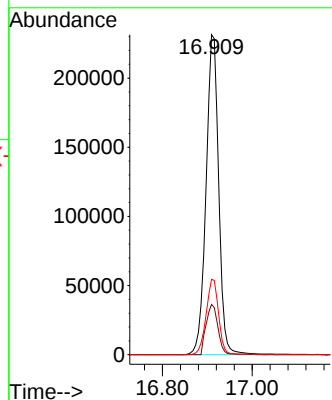
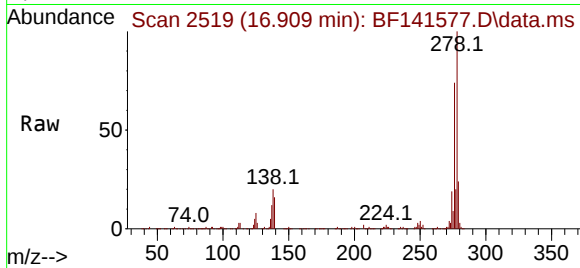




#91
Dibenzo(a,h)anthracene
Concen: 44.949 ng
RT: 16.909 min Scan# 2513
Delta R.T. 0.018 min
Lab File: BF141577.D
Acq: 12 Feb 2025 09:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 452781
Ion Ratio Lower Upper
278 100
139 15.7 11.8 17.6
279 23.6 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 45.688 ng
RT: 17.333 min Scan# 2591
Delta R.T. 0.018 min
Lab File: BF141577.D
Acq: 12 Feb 2025 09:32

Tgt Ion:276 Resp: 481599
Ion Ratio Lower Upper
276 100
277 23.8 18.6 28.0
138 20.0 15.9 23.9

