

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052325\
 Data File : BF142527.D
 Acq On : 23 May 2025 11:12
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: May 23 11:43:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	102129	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	402339	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	219662	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	382968	20.000	ng	0.00
76) Chrysene-d12	14.068	240	205798	20.000	ng	# 0.00
86) Perylene-d12	15.562	264	210218	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	470608	77.633	ng	0.00
7) Phenol-d6	6.522	99	568837	77.953	ng	-0.01
23) Nitrobenzene-d5	7.463	82	563479	76.368	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	189935	77.907	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	1217879	74.397	ng	-0.01
79) Terphenyl-d14	13.016	244	1149936	76.358	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.663	88	96221	39.667	ng	99
3) Pyridine	3.434	79	245729	39.780	ng	98
4) n-Nitrosodimethylamine	3.381	42	127656	39.801	ng	97
6) Aniline	6.563	93	389012	39.648	ng	99
8) 2-Chlorophenol	6.681	128	255014	38.622	ng	98
9) Benzaldehyde	6.451	77	170881	38.934	ng	100
10) Phenol	6.534	94	323370	39.383	ng	98
11) bis(2-Chloroethyl)ether	6.634	93	227119	38.427	ng	100
12) 1,3-Dichlorobenzene	6.840	146	281785	38.246	ng	99
13) 1,4-Dichlorobenzene	6.916	146	283521	38.202	ng	99
14) 1,2-Dichlorobenzene	7.069	146	275049	38.731	ng	98
15) Benzyl Alcohol	7.039	79	209926	38.929	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	388267	39.117	ng	100
17) 2-Methylphenol	7.145	107	203319	39.440	ng	99
18) Hexachloroethane	7.416	117	97645	37.679	ng	99
19) n-Nitroso-di-n-propyla...	7.310	70	173304	38.321	ng	99
20) 3+4-Methylphenols	7.298	107	258083	39.095	ng	# 86
22) Acetophenone	7.310	105	343335	38.549	ng	98
24) Nitrobenzene	7.481	77	255767	38.434	ng	97
25) Isophorone	7.722	82	466331	37.802	ng	99
26) 2-Nitrophenol	7.798	139	135807	38.193	ng	98
27) 2,4-Dimethylphenol	7.834	122	244530	38.995	ng	98
28) bis(2-Chloroethoxy)met...	7.928	93	293648	38.105	ng	99
29) 2,4-Dichlorophenol	8.039	162	219193	38.436	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	235531	38.056	ng	97
31) Naphthalene	8.204	128	753642	38.042	ng	100
32) Benzoic acid	7.934	122	151193	39.609	ng	95
33) 4-Chloroaniline	8.251	127	313475	39.050	ng	99
34) Hexachlorobutadiene	8.322	225	143618	37.164	ng	99
35) Caprolactam	8.622	113	67575	42.191	ng	99
36) 4-Chloro-3-methylphenol	8.728	107	226223	38.708	ng	97
37) 2-Methylnaphthalene	8.898	142	471179	37.805	ng	99
38) 1-Methylnaphthalene	8.998	142	488848	37.919	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	241673	38.327	ng	99
41) Hexachlorocyclopentadiene	9.051	237	164093	38.577	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	167004	39.277	ng	97

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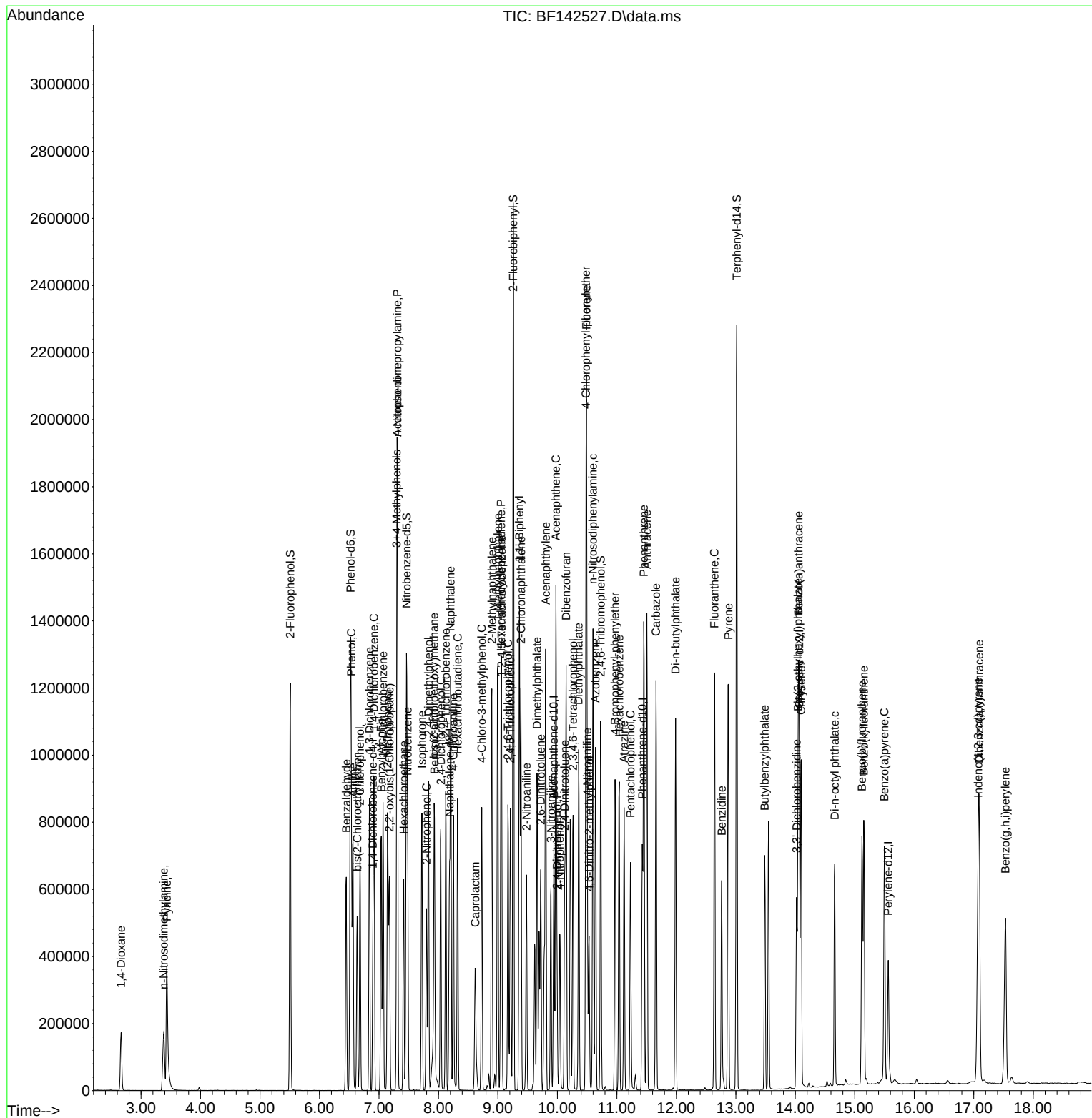
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	170812	38.091	ng	99
46) 1,1'-Biphenyl	9.363	154	648852	38.074	ng	100
47) 2-Chloronaphthalene	9.386	162	480279	38.144	ng	99
48) 2-Nitroaniline	9.481	65	143246	39.360	ng	97
49) Acenaphthylene	9.804	152	811313	38.160	ng	99
50) Dimethylphthalate	9.657	163	557948	38.495	ng	100
51) 2,6-Dinitrotoluene	9.722	165	120726	38.592	ng	99
52) Acenaphthene	9.975	154	493628	38.023	ng	99
53) 3-Nitroaniline	9.892	138	138152	40.433	ng	99
54) 2,4-Dinitrophenol	9.992	184	65567	40.569	ng	# 63
55) Dibenzofuran	10.145	168	713881	38.212	ng	99
56) 4-Nitrophenol	10.039	139	104869	41.597	ng	97
57) 2,4-Dinitrotoluene	10.122	165	165084	40.408	ng	97
58) Fluorene	10.486	166	554902	38.447	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	148306	39.616	ng	99
60) Diethylphthalate	10.357	149	548470	38.746	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	272184	38.390	ng	97
62) 4-Nitroaniline	10.504	138	131817	42.537	ng	99
63) Azobenzene	10.639	77	493507	38.815	ng	98
65) 4,6-Dinitro-2-methylph...	10.533	198	88031	41.189	ng	100
66) n-Nitrosodiphenylamine	10.598	169	484596	36.986	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	163880	36.190	ng	98
68) Hexachlorobenzene	11.039	284	185595	37.056	ng	99
69) Atrazine	11.122	200	140162	40.281	ng	99
70) Pentachlorophenol	11.227	266	114909	40.637	ng	98
71) Phenanthrene	11.451	178	770643	37.654	ng	100
72) Anthracene	11.504	178	793445	37.986	ng	100
73) Carbazole	11.657	167	705082	39.485	ng	100
74) Di-n-butylphthalate	11.986	149	798525	40.854	ng	100
75) Fluoranthene	12.639	202	750525	39.245	ng	98
77) Benzidine	12.763	184	357876	46.730	ng	99
78) Pyrene	12.874	202	741884	38.644	ng	100
80) Butylbenzylphthalate	13.486	149	227687	42.921	ng	99
81) Benzo(a)anthracene	14.057	228	544981	39.657	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	169860	40.752	ng	99
83) Chrysene	14.098	228	466896	37.811	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	278722	41.044	ng	100
85) Di-n-octyl phthalate	14.663	149	460090	34.650	ng	100
87) Indeno(1,2,3-cd)pyrene	17.074	276	577448	36.589	ng	99
88) Benzo(b)fluoranthene	15.121	252	492268	39.566	ng	98
89) Benzo(k)fluoranthene	15.151	252	413133	35.453	ng	99
90) Benzo(a)pyrene	15.498	252	447699	38.175	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	467527	36.526	ng	99
92) Benzo(g,h,i)perylene	17.533	276	473719	37.002	ng	98

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

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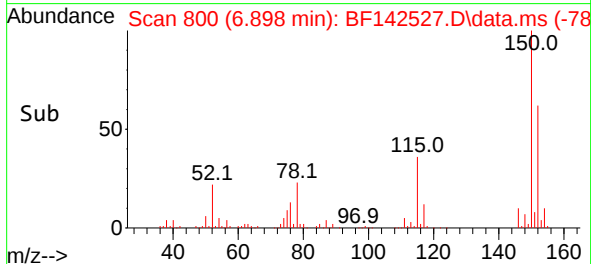
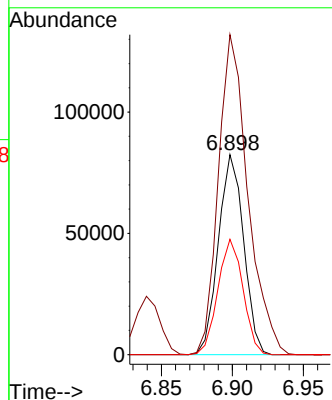
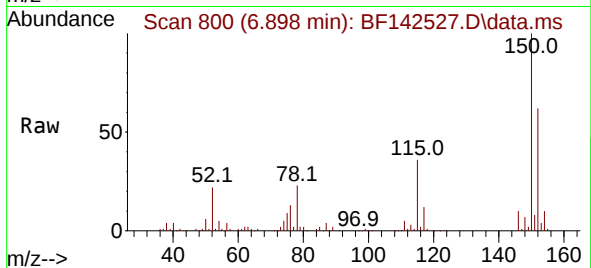




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF142527.D
 Acq: 23 May 2025 11:12

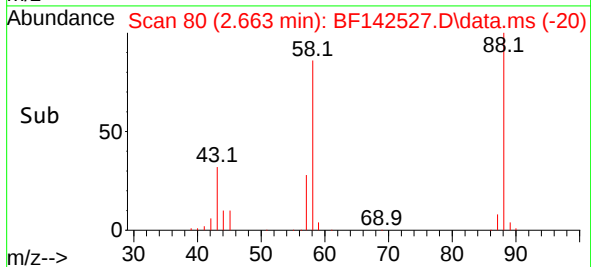
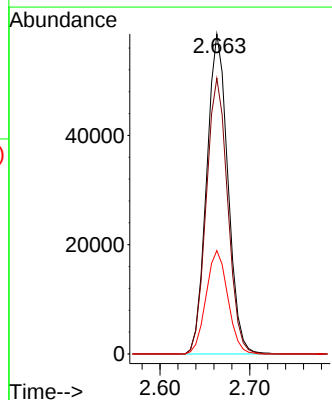
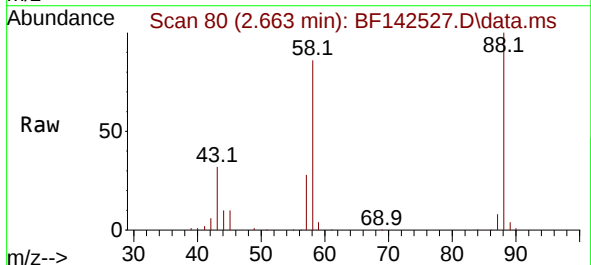
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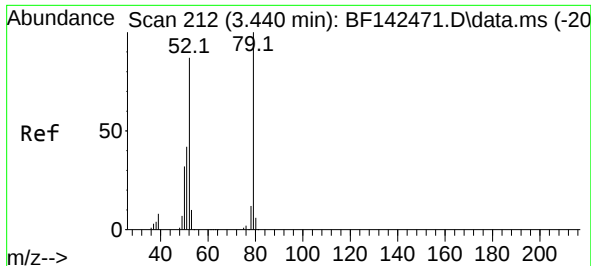
Tgt Ion:152 Resp: 102129
 Ion Ratio Lower Upper
 152 100
 150 160.0 128.2 192.4
 115 57.7 48.3 72.5



#2
 1,4-Dioxane
 Concen: 39.667 ng
 RT: 2.663 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF142527.D
 Acq: 23 May 2025 11:12

Tgt Ion: 88 Resp: 96221
 Ion Ratio Lower Upper
 88 100
 58 87.0 70.8 106.2
 43 33.1 26.6 40.0

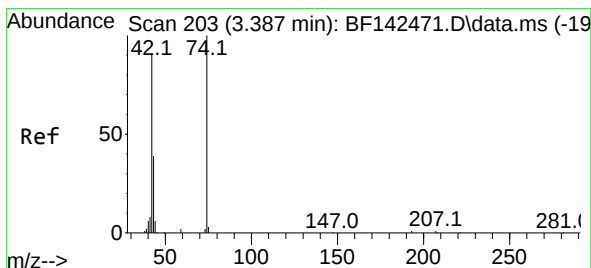
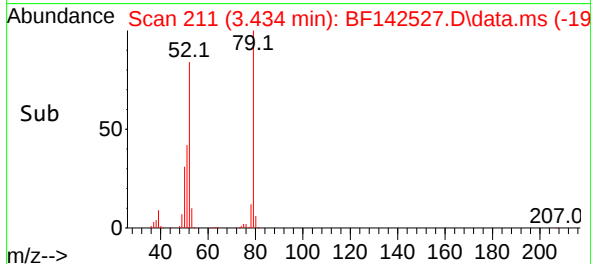
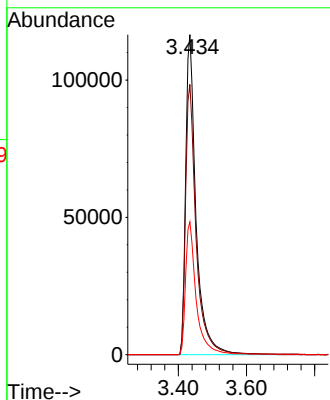
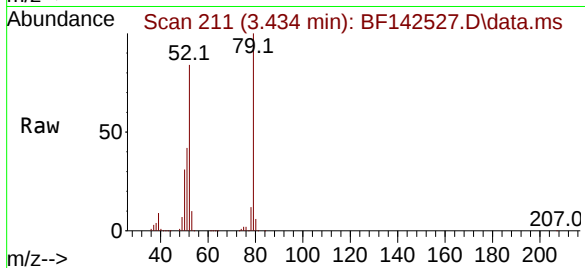




#3
 Pyridine
 Concen: 39.780 ng
 RT: 3.434 min Scan# 211
 Delta R.T. -0.006 min
 Lab File: BF142527.D
 Acq: 23 May 2025 11:12

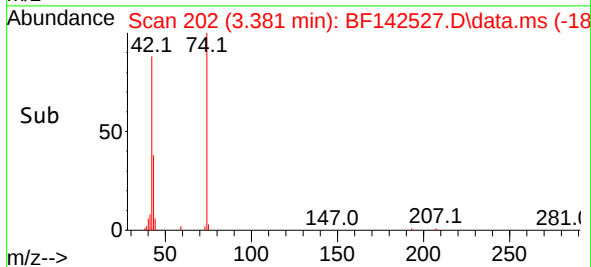
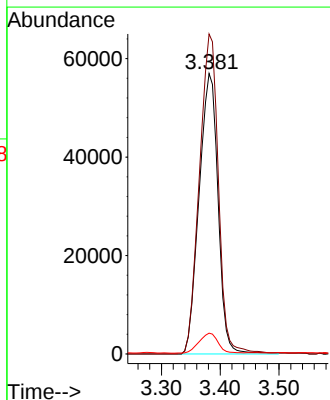
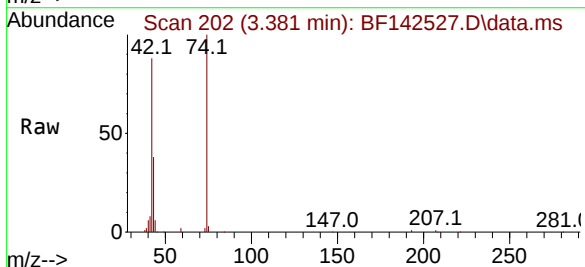
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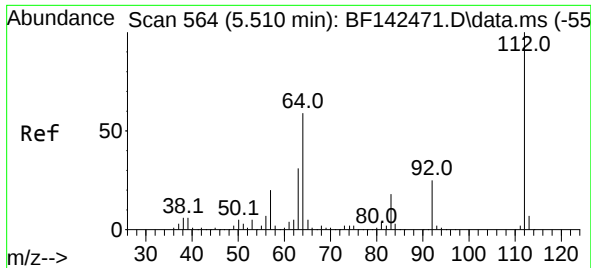
Tgt Ion: 79 Resp: 245729
 Ion Ratio Lower Upper
 79 100
 52 84.4 69.2 103.8
 51 41.5 33.3 49.9



#4
 n-Nitrosodimethylamine
 Concen: 39.801 ng
 RT: 3.381 min Scan# 202
 Delta R.T. -0.023 min
 Lab File: BF142527.D
 Acq: 23 May 2025 11:12

Tgt Ion: 42 Resp: 127656
 Ion Ratio Lower Upper
 42 100
 74 114.1 88.2 132.4
 44 7.4 5.4 8.2

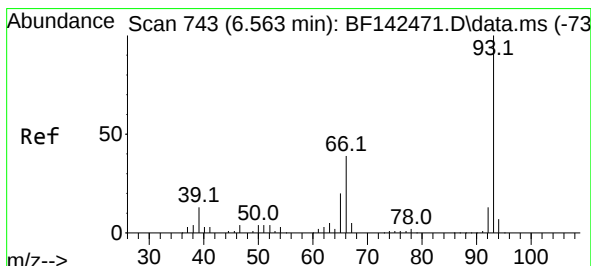
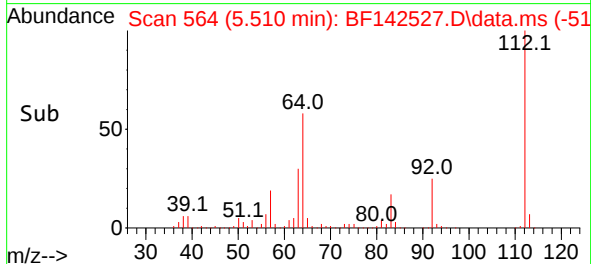
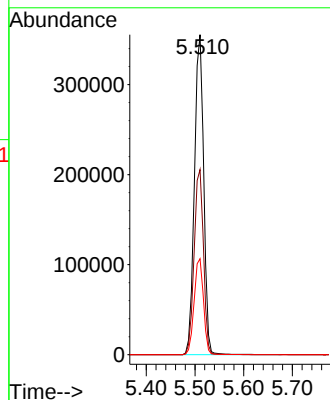
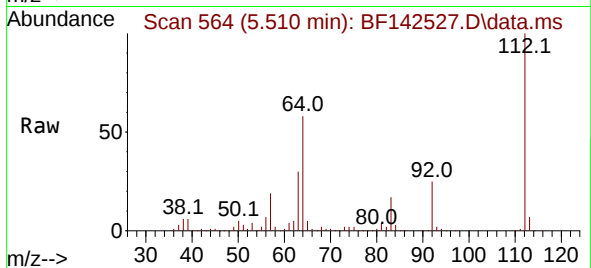




#5
2-Fluorophenol
Concen: 77.633 ng
RT: 5.510 min Scan# 510
Delta R.T. -0.006 min
Lab File: BF142527.D
Acq: 23 May 2025 11:12

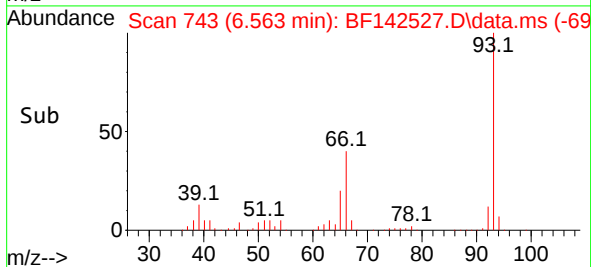
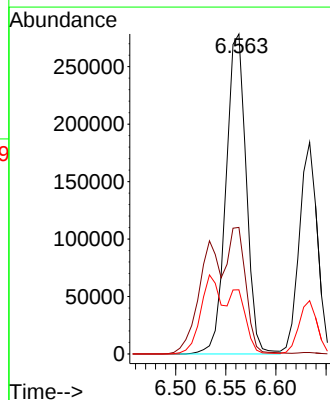
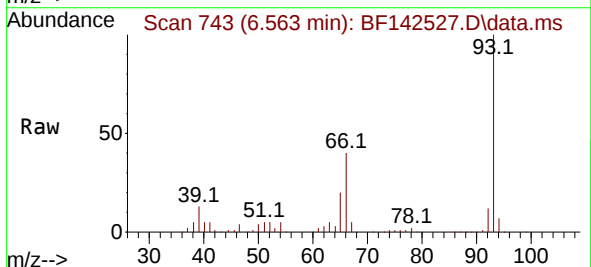
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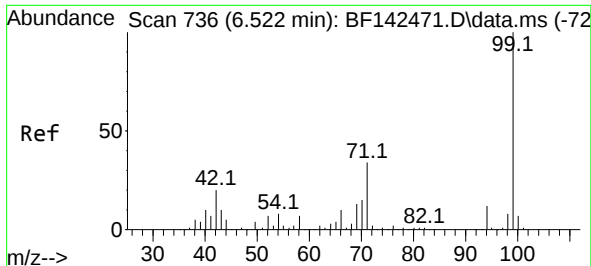
Tgt Ion:112 Resp: 470608
Ion Ratio Lower Upper
112 100
64 57.8 47.5 71.3
63 30.0 24.9 37.3



#6
Aniline
Concen: 39.648 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142527.D
Acq: 23 May 2025 11:12

Tgt Ion: 93 Resp: 389012
Ion Ratio Lower Upper
93 100
66 39.5 32.0 48.0
65 20.0 16.1 24.1

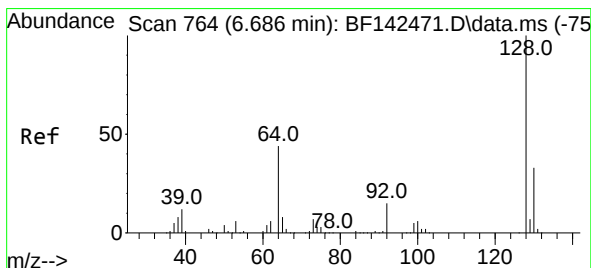
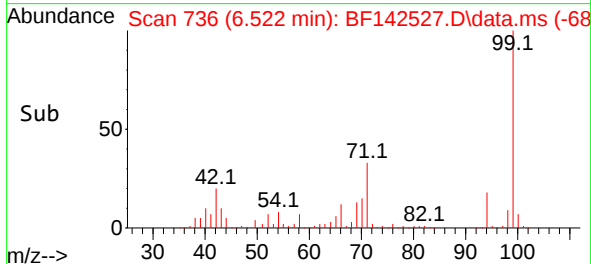
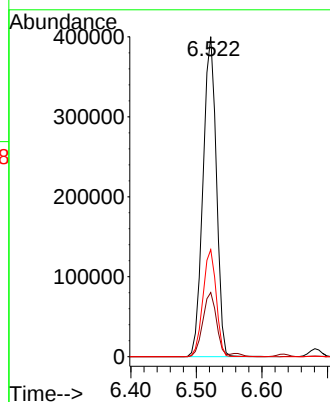
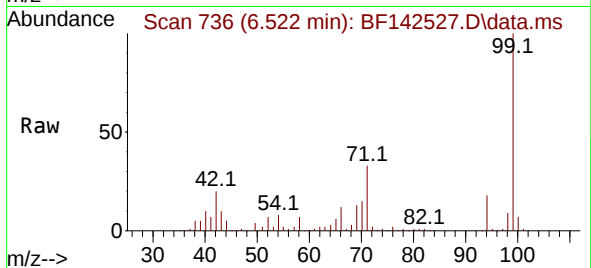




#7
Phenol-d6
Concen: 77.953 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142527.D
Acq: 23 May 2025 11:12

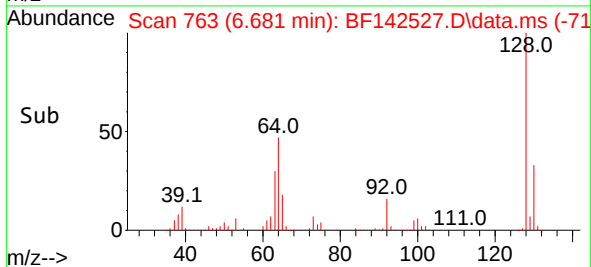
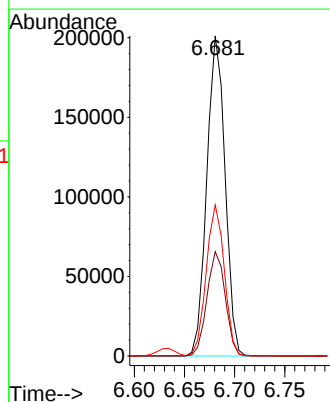
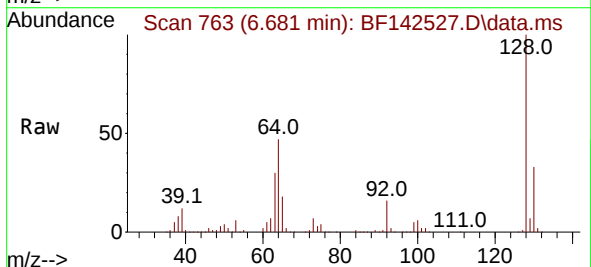
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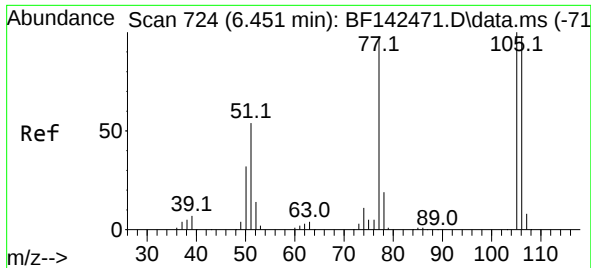
Tgt Ion: 99 Resp: 568837
Ion Ratio Lower Upper
99 100
42 20.1 16.2 24.2
71 33.5 27.3 40.9



#8
2-Chlorophenol
Concen: 38.622 ng
RT: 6.681 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF142527.D
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Tgt Ion: 128 Resp: 255014
Ion Ratio Lower Upper
128 100
130 32.6 12.6 52.6
64 47.2 25.1 65.1

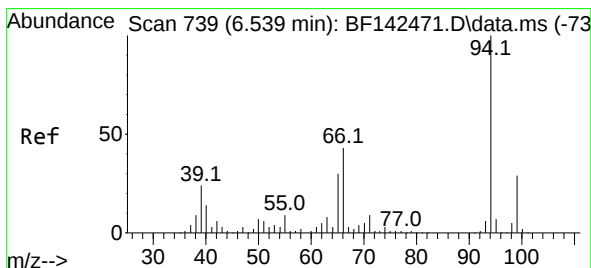
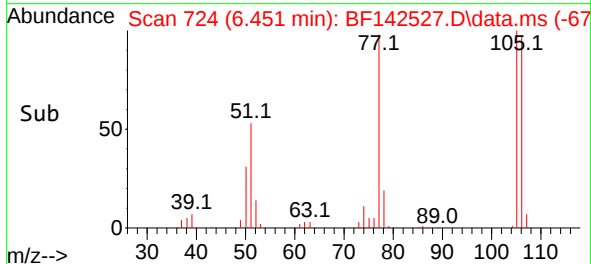
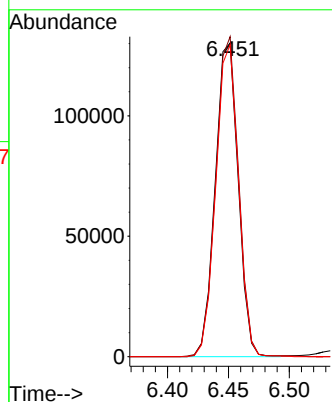
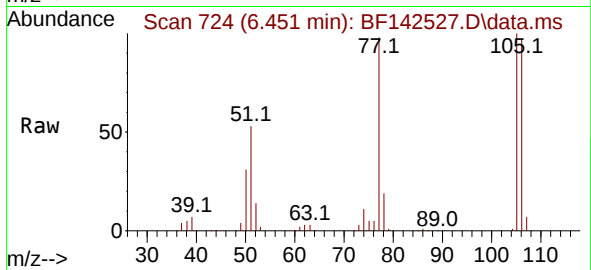




#9
Benzaldehyde
Concen: 38.934 ng
RT: 6.451 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF142527.D
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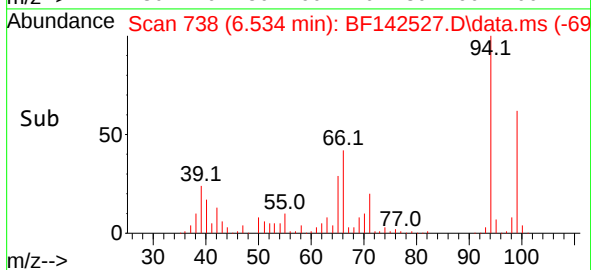
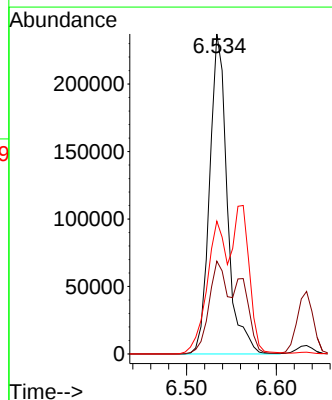
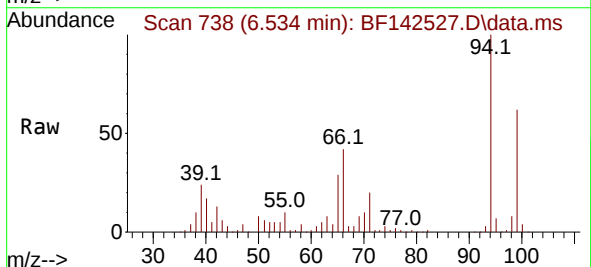
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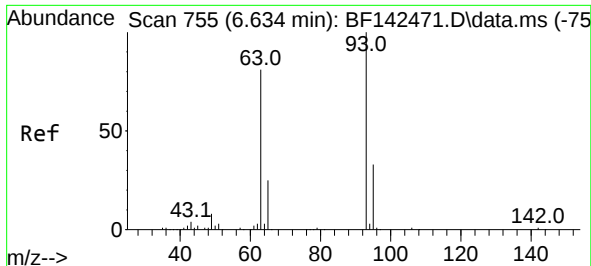
Tgt Ion: 77 Resp: 170881
Ion Ratio Lower Upper
77 100
105 102.0 82.5 122.5
106 99.5 80.0 120.0



#10
Phenol
Concen: 39.383 ng
RT: 6.534 min Scan# 738
Delta R.T. -0.018 min
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Tgt Ion: 94 Resp: 323370
Ion Ratio Lower Upper
94 100
65 29.0 10.3 50.3
66 41.5 22.6 62.6

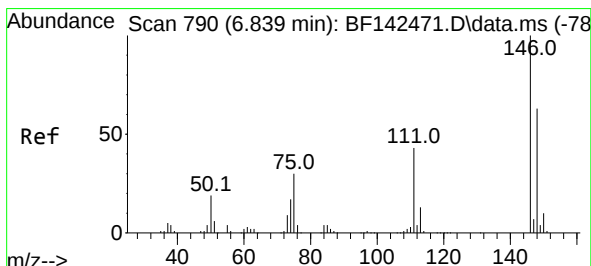
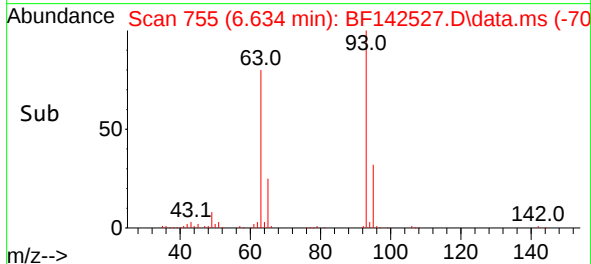
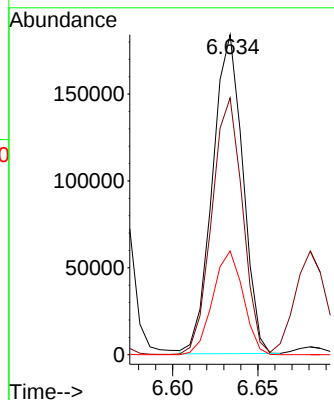
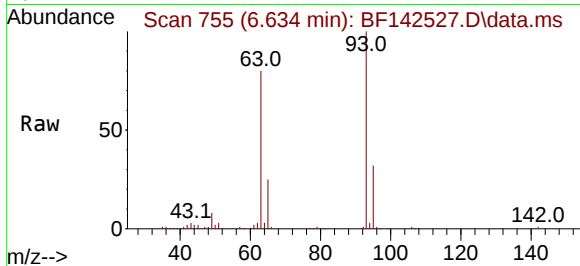




#11
bis(2-Chloroethyl)ether
Concen: 38.427 ng
RT: 6.634 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF142527.D
Acq: 23 May 2025 11:12

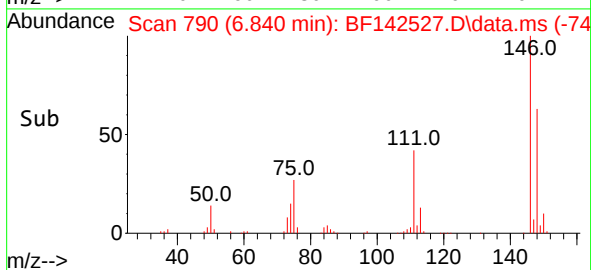
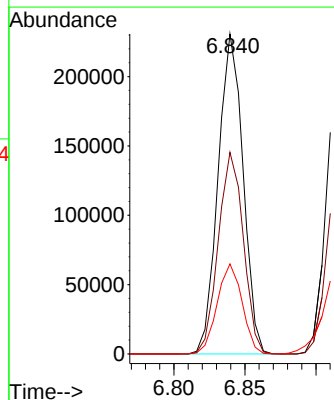
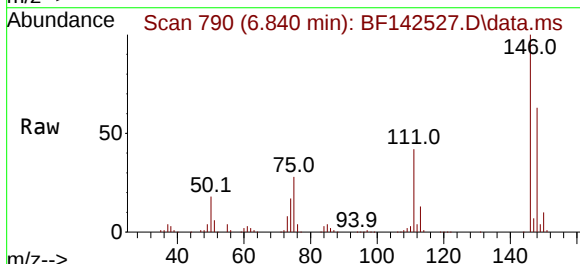
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 227119
Ion Ratio Lower Upper
93 100
63 80.2 60.2 100.2
95 32.4 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 38.246 ng
RT: 6.840 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF142527.D
Acq: 23 May 2025 11:12

Tgt Ion:146 Resp: 281785
Ion Ratio Lower Upper
146 100
148 63.0 50.6 75.8
75 28.2 23.8 35.6





#13

1,4-Dichlorobenzene

Concen: 38.202 ng

RT: 6.916 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF142527.D

Acq: 23 May 2025 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

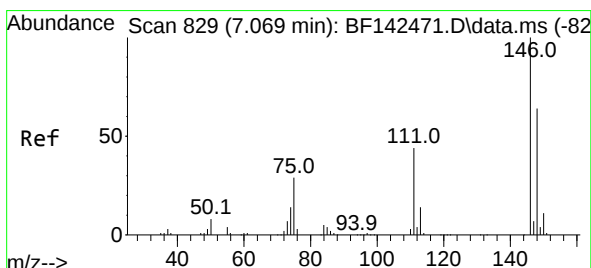
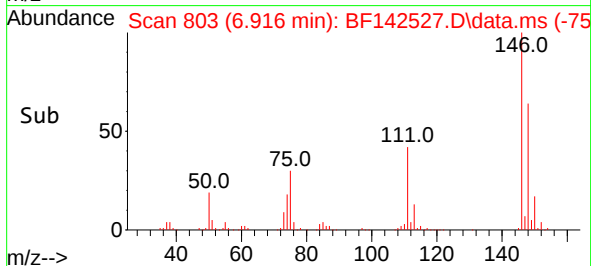
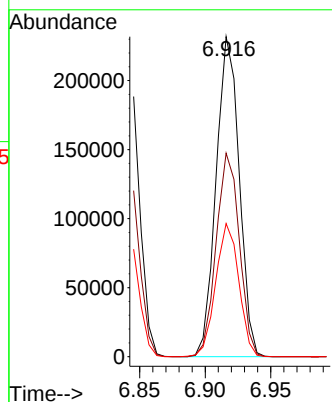
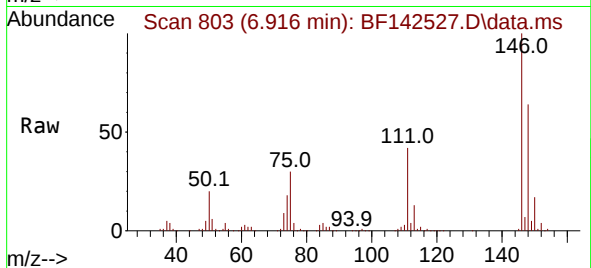
Tgt Ion:146 Resp: 283521

Ion Ratio Lower Upper

146 100

148 63.6 50.4 75.6

111 41.6 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 38.731 ng

RT: 7.069 min Scan# 829

Delta R.T. -0.006 min

Lab File: BF142527.D

Acq: 23 May 2025 11:12

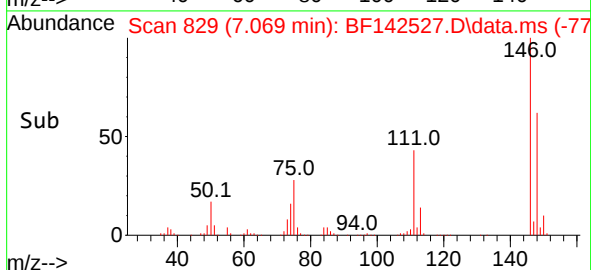
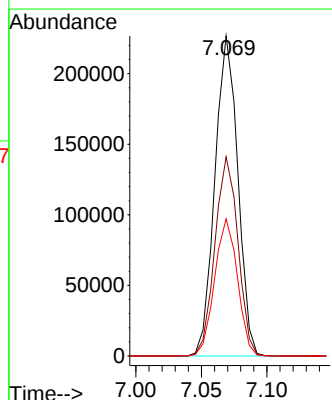
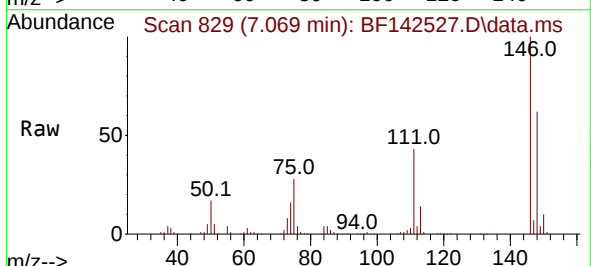
Tgt Ion:146 Resp: 275049

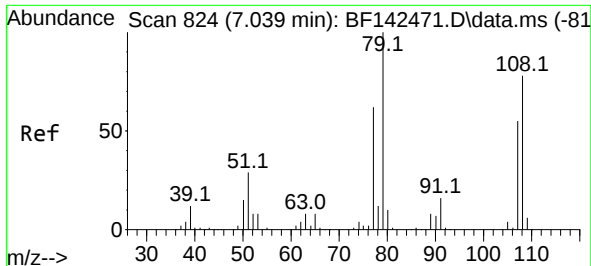
Ion Ratio Lower Upper

146 100

148 62.2 51.0 76.4

111 42.8 35.0 52.6

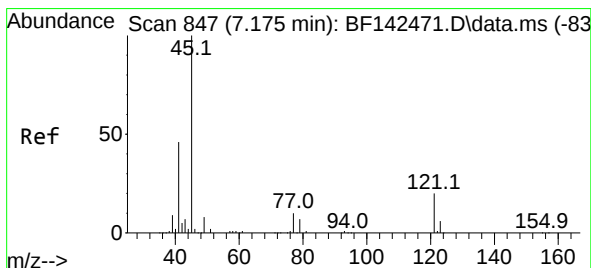
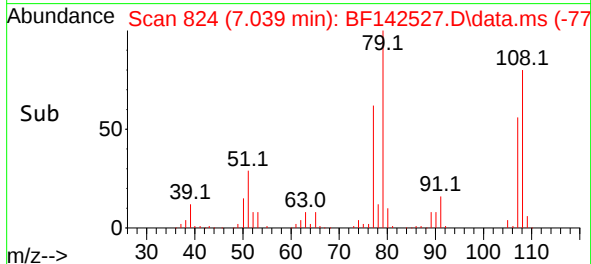
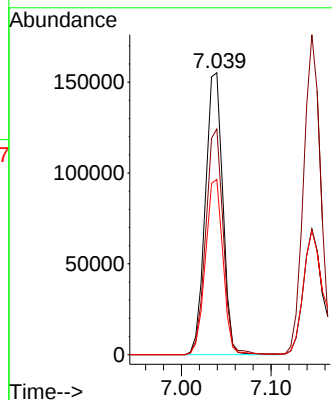
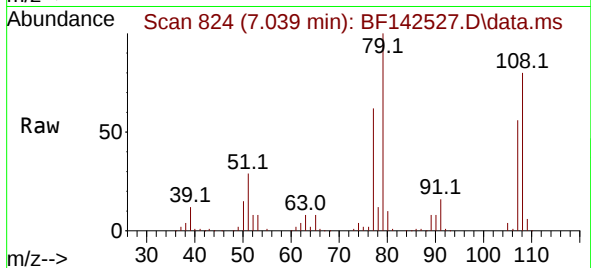




#15
Benzyl Alcohol
Concen: 38.929 ng
RT: 7.039 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142527.D
Acq: 23 May 2025 11:12

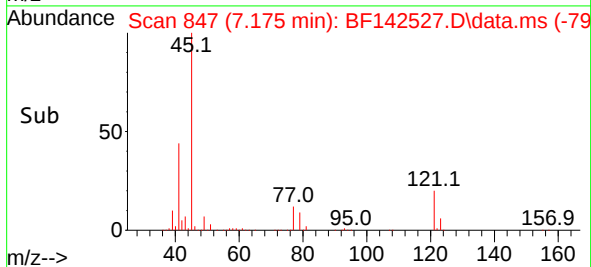
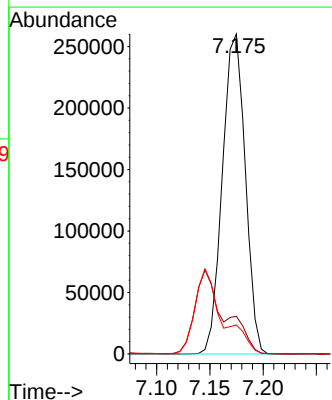
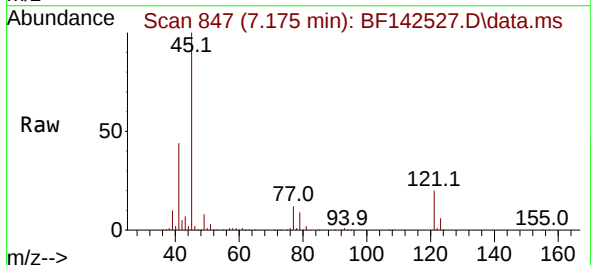
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

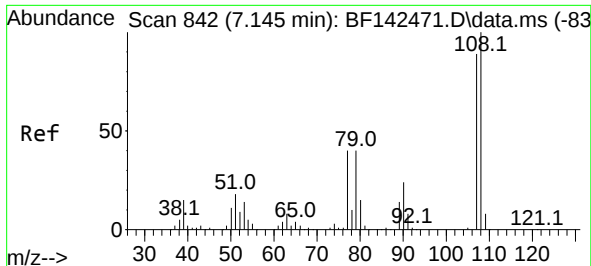
Tgt Ion: 79 Resp: 209926
Ion Ratio Lower Upper
79 100
108 80.1 62.1 93.1
77 62.2 49.5 74.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.117 ng
RT: 7.175 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF142527.D
Acq: 23 May 2025 11:12

Tgt Ion: 45 Resp: 388267
Ion Ratio Lower Upper
45 100
77 11.8 0.0 32.0
79 9.1 0.0 29.2

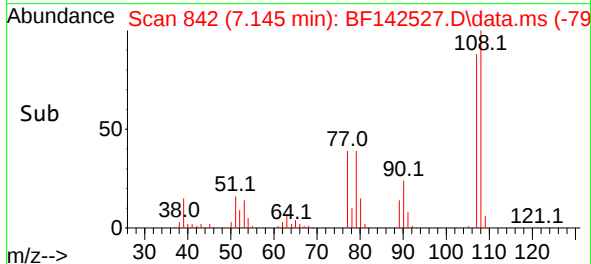
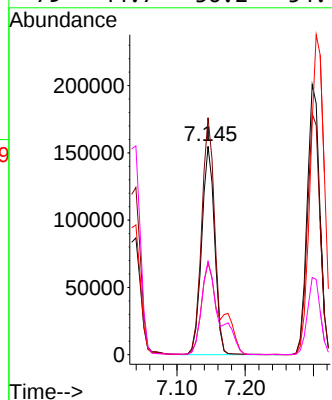
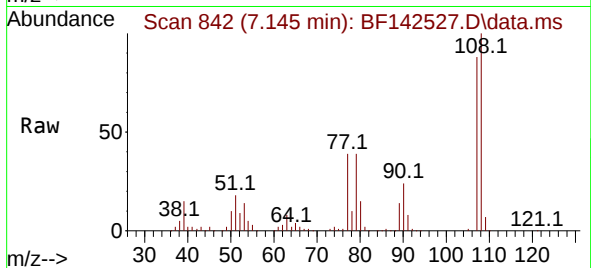




#17
2-Methylphenol
Concen: 39.440 ng
RT: 7.145 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF142527.D
Acq: 23 May 2025 11:12

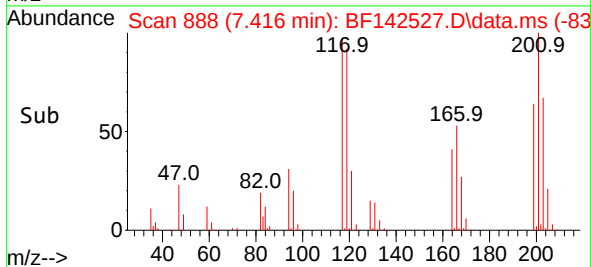
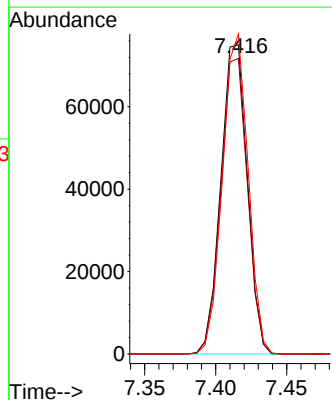
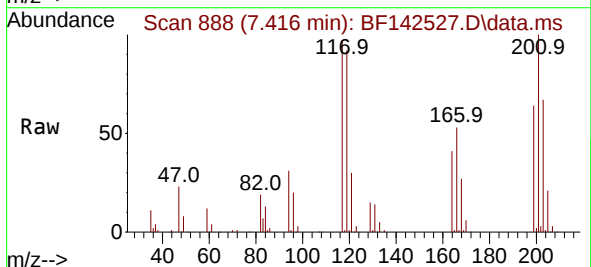
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 203319
Ion Ratio Lower Upper
107 100
108 113.7 90.2 135.2
77 44.1 36.1 54.1
79 44.7 36.2 54.4



#18
Hexachloroethane
Concen: 37.679 ng
RT: 7.416 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF142527.D
Acq: 23 May 2025 11:12

Tgt Ion:117 Resp: 97645
Ion Ratio Lower Upper
117 100
119 95.6 76.6 114.8
201 103.5 81.3 121.9





#19

n-Nitroso-di-n-propylamine

Concen: 38.321 ng

RT: 7.310 min Scan# 81

Delta R.T. -0.018 min

Lab File: BF142527.D

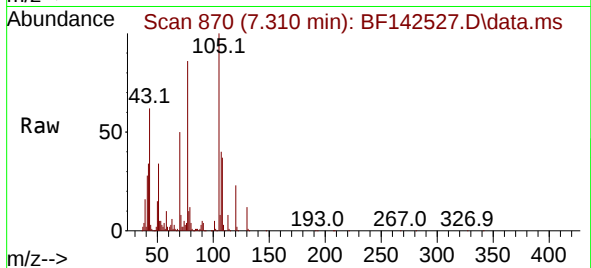
Acq: 23 May 2025 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion: 70 Resp: 173304

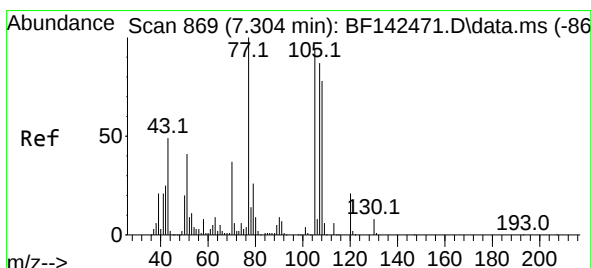
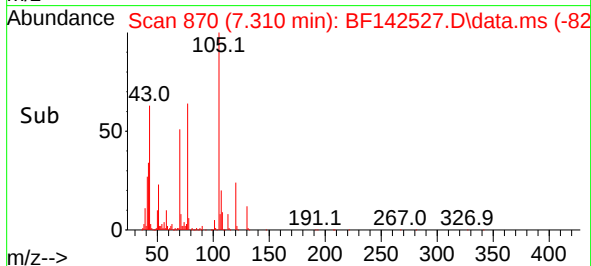
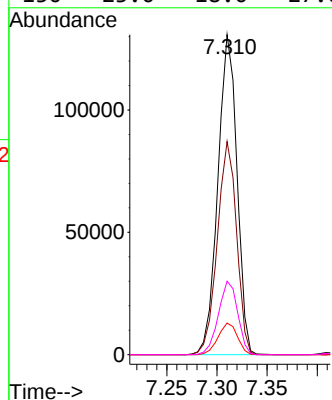
Ion Ratio Lower Upper

70 100

42 66.6 52.4 78.6

101 9.9 7.8 11.8

130 23.0 18.0 27.0



#20

3+4-Methylphenols

Concen: 39.095 ng

RT: 7.298 min Scan# 868

Delta R.T. -0.012 min

Lab File: BF142527.D

Acq: 23 May 2025 11:12

Tgt Ion: 107 Resp: 258083

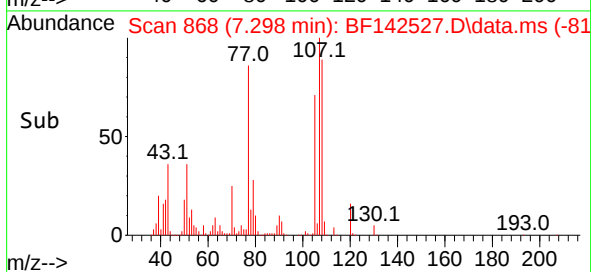
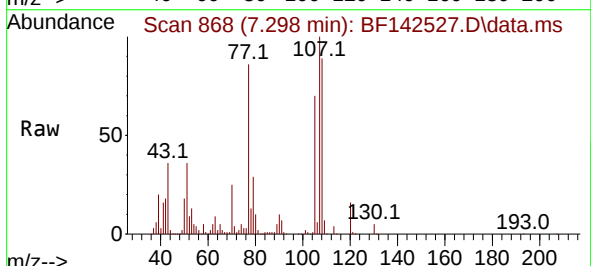
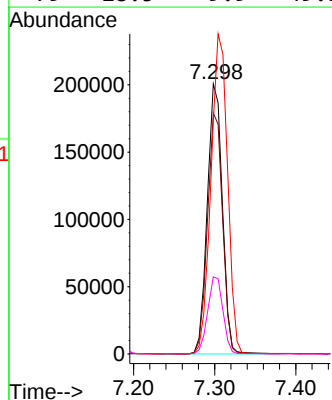
Ion Ratio Lower Upper

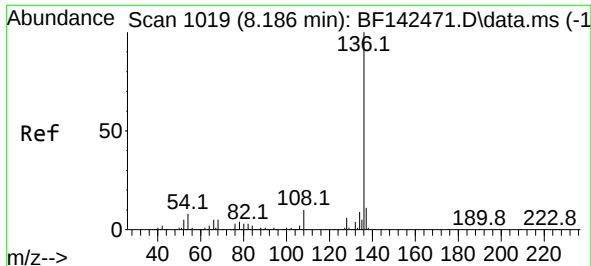
107 100

108 89.2 70.4 110.4

77 86.1 95.4 135.4#

79 28.5 9.9 49.9

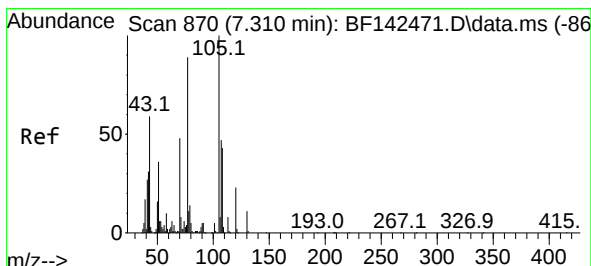
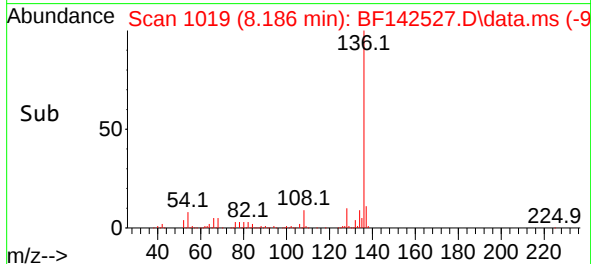
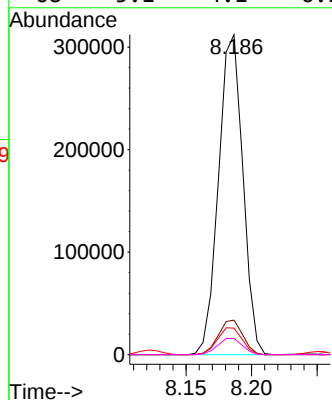
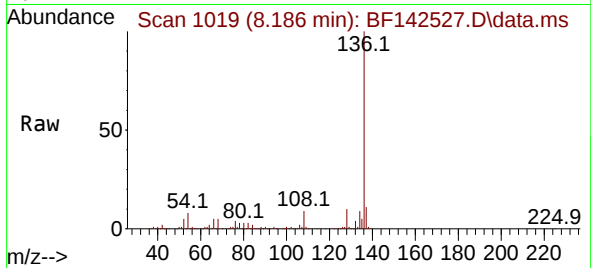




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF142527.D
Acq: 23 May 2025 11:12

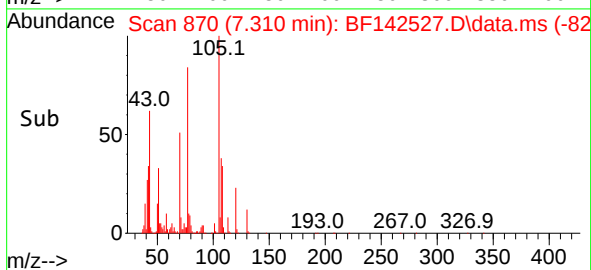
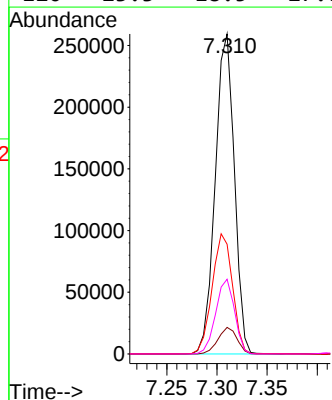
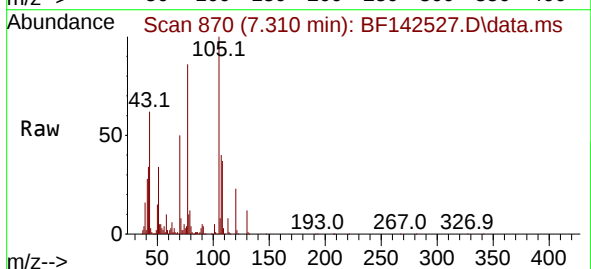
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

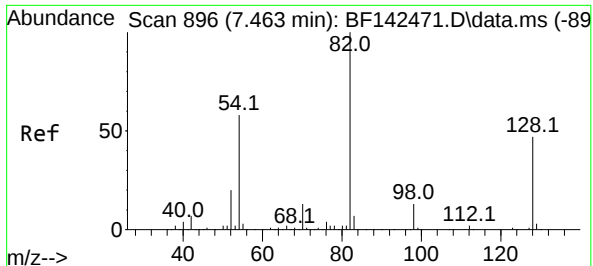
Tgt Ion:136 Resp: 402339
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.3 6.6 10.0
68 5.1 4.1 6.1



#22
Acetophenone
Concen: 38.549 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF142527.D
Acq: 23 May 2025 11:12

Tgt Ion:105 Resp: 343335
Ion Ratio Lower Upper
105 100
71 8.3 6.4 9.6
51 34.3 28.6 42.8
120 23.3 18.5 27.7





#23

Nitrobenzene-d5

Concen: 76.368 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF142527.D

Acq: 23 May 2025 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

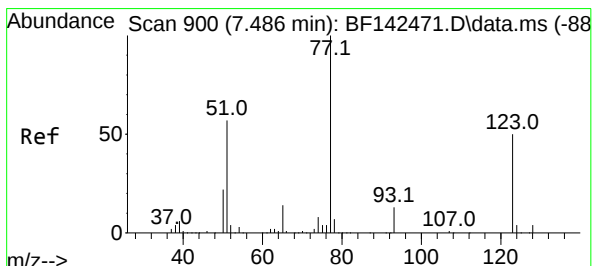
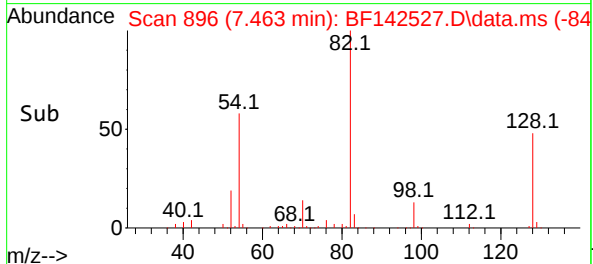
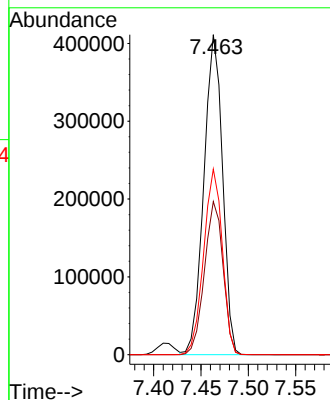
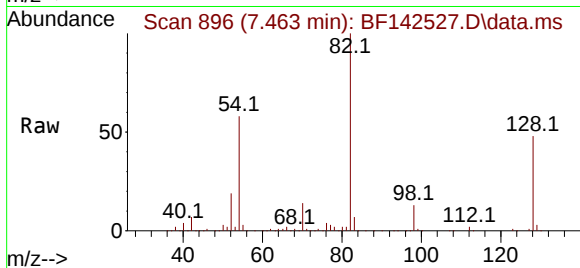
Tgt Ion: 82 Resp: 563479

Ion Ratio Lower Upper

82 100

128 47.8 37.4 56.2

54 58.0 46.6 70.0



#24

Nitrobenzene

Concen: 38.434 ng

RT: 7.481 min Scan# 899

Delta R.T. -0.012 min

Lab File: BF142527.D

Acq: 23 May 2025 11:12

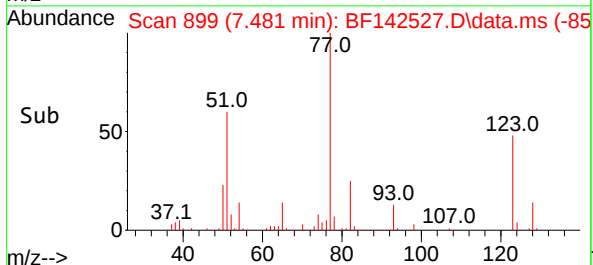
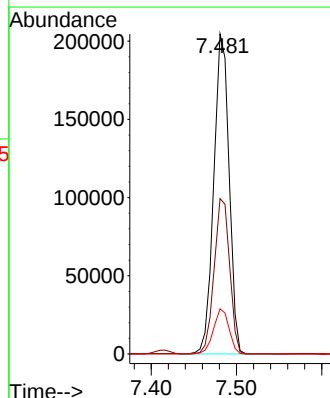
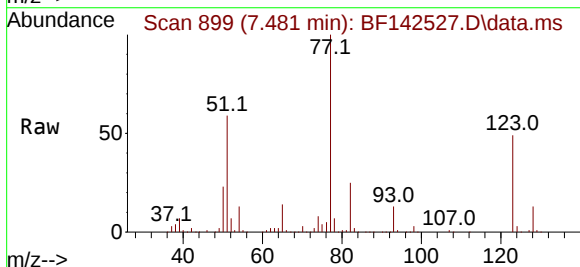
Tgt Ion: 77 Resp: 255767

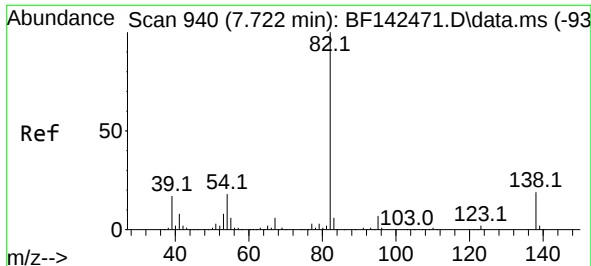
Ion Ratio Lower Upper

77 100

123 48.6 40.6 61.0

65 14.1 11.4 17.2

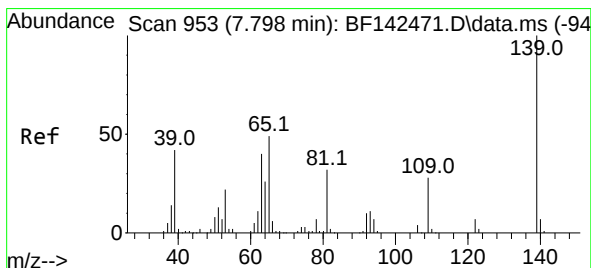
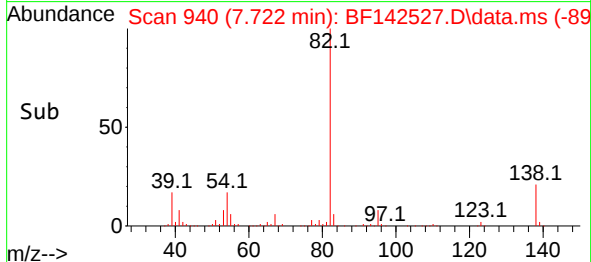
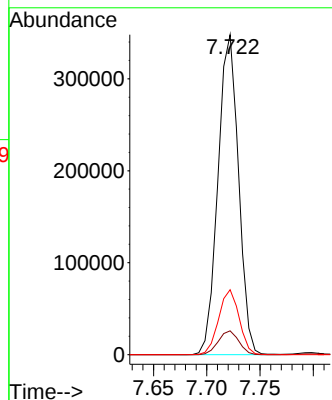
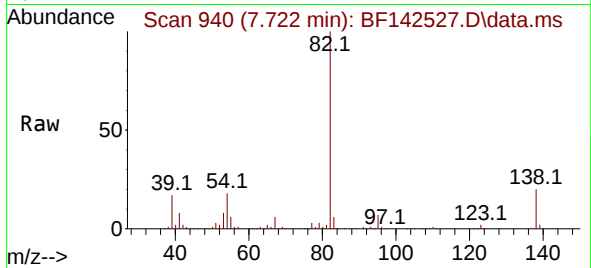




#25
Isophorone
Concen: 37.802 ng
RT: 7.722 min Scan# 940
Delta R.T. -0.012 min
Lab File: BF142527.D
Acq: 23 May 2025 11:12

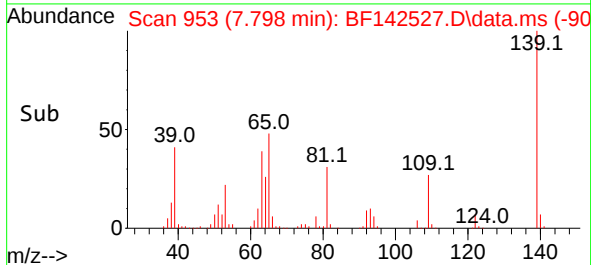
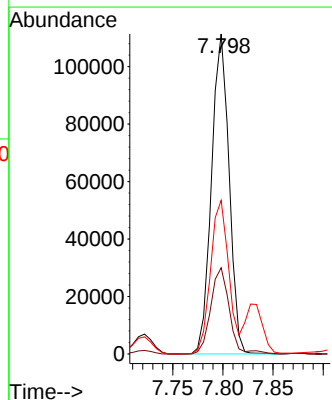
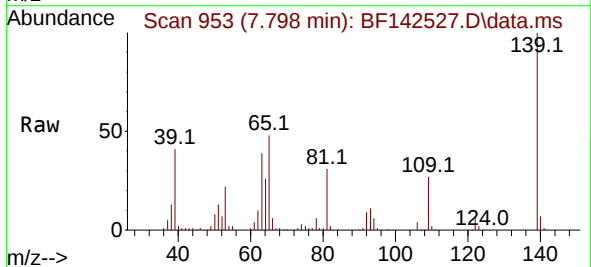
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

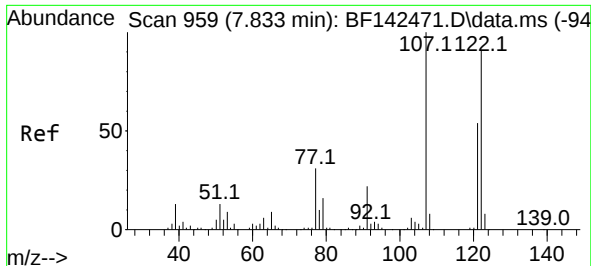
Tgt Ion: 82 Resp: 466331
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 20.3 15.5 23.3



#26
2-Nitrophenol
Concen: 38.193 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142527.D
Acq: 23 May 2025 11:12

Tgt Ion:139 Resp: 135807
Ion Ratio Lower Upper
139 100
109 27.0 22.6 33.8
65 48.0 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 38.995 ng

RT: 7.834 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142527.D

Acq: 23 May 2025 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

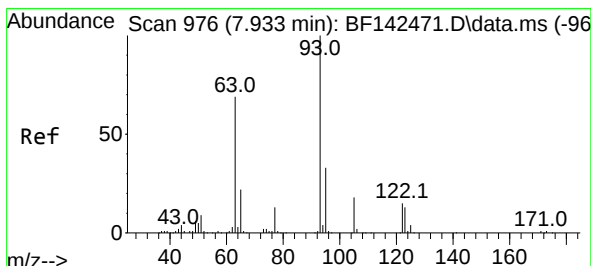
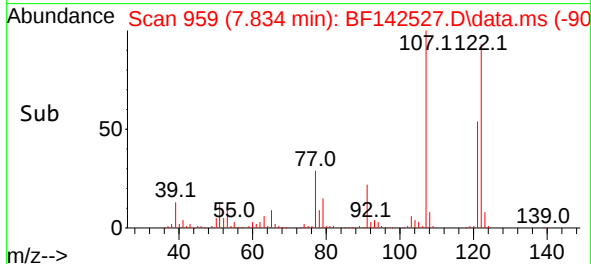
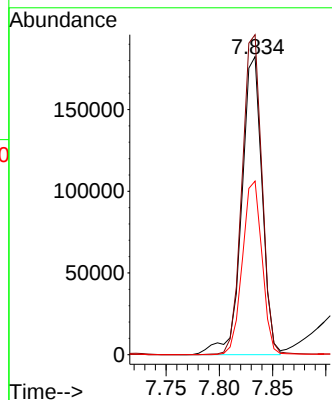
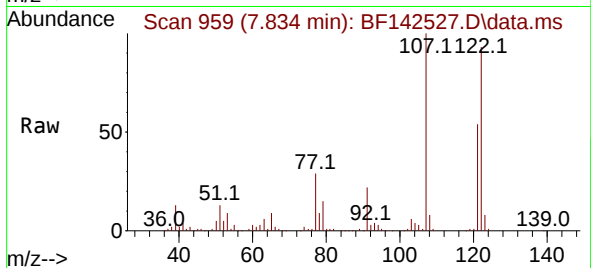
Tgt Ion:122 Resp: 244530

Ion Ratio Lower Upper

122 100

107 107.3 88.1 132.1

121 58.2 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 38.105 ng

RT: 7.928 min Scan# 975

Delta R.T. -0.012 min

Lab File: BF142527.D

Acq: 23 May 2025 11:12

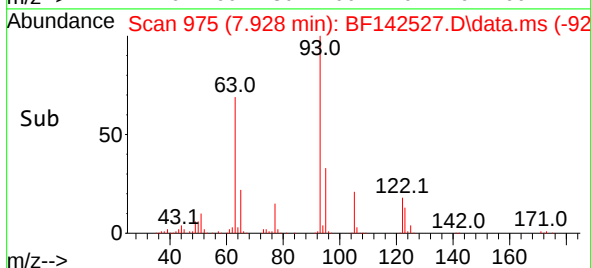
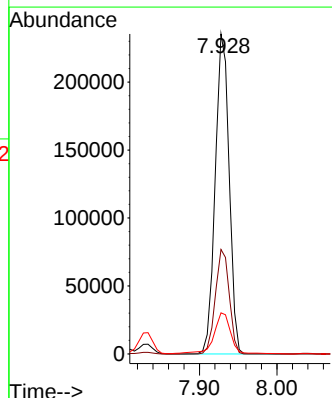
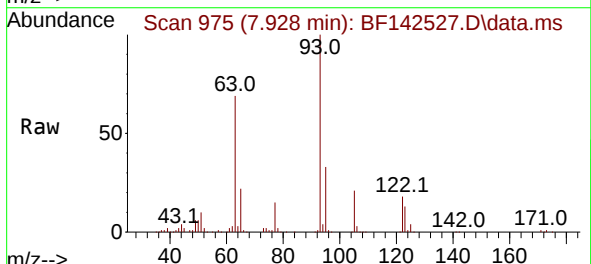
Tgt Ion: 93 Resp: 293648

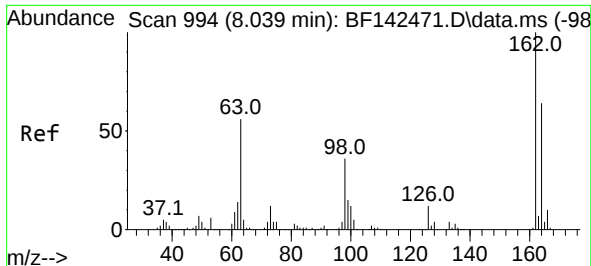
Ion Ratio Lower Upper

93 100

95 32.6 26.4 39.6

123 12.9 10.6 15.8

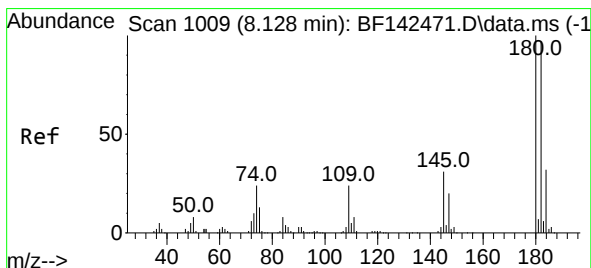
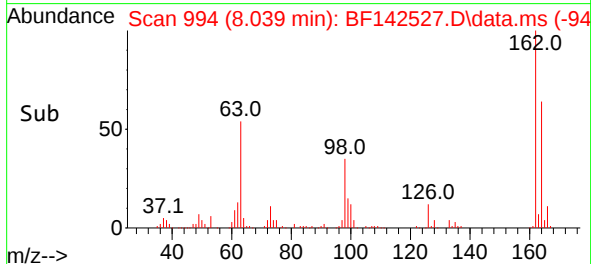
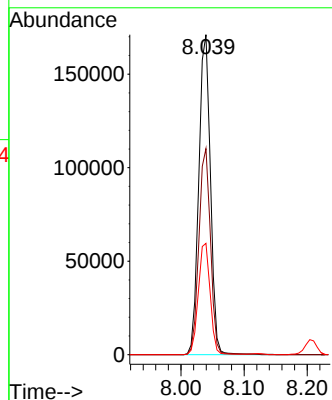
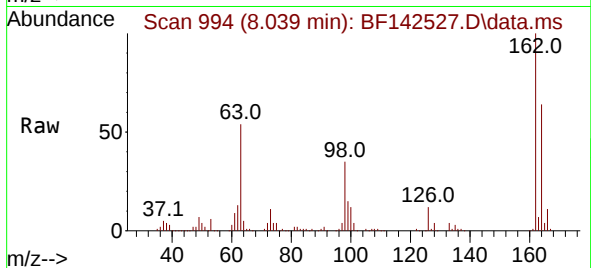




#29
2,4-Dichlorophenol
Concen: 38.436 ng
RT: 8.039 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF142527.D
Acq: 23 May 2025 11:12

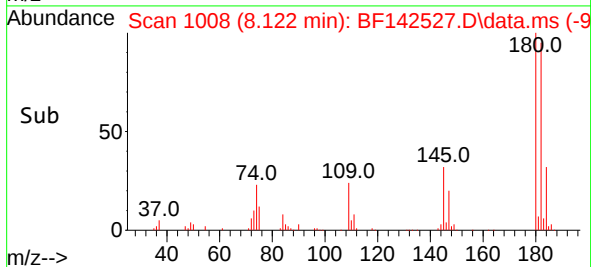
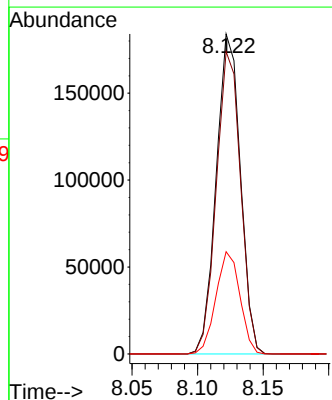
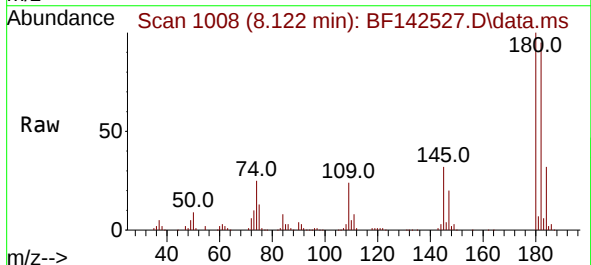
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

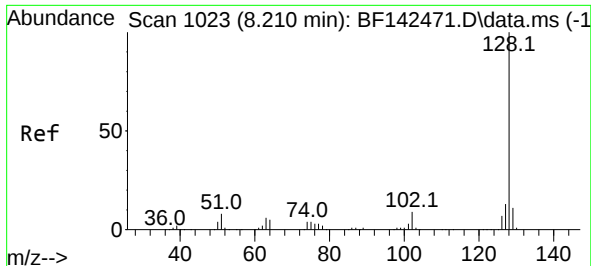
Tgt Ion:162 Resp: 219193
Ion Ratio Lower Upper
162 100
164 64.4 43.7 83.7
98 34.8 15.5 55.5



#30
1,2,4-Trichlorobenzene
Concen: 38.056 ng
RT: 8.122 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF142527.D
Acq: 23 May 2025 11:12

Tgt Ion:180 Resp: 235531
Ion Ratio Lower Upper
180 100
182 94.5 78.0 117.0
145 31.9 25.0 37.6

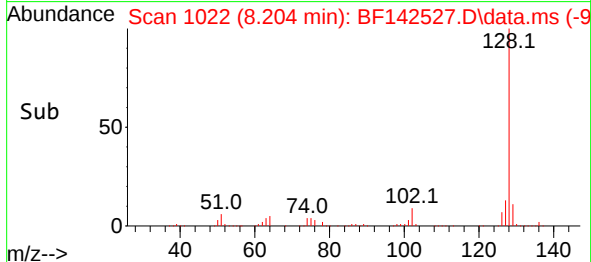
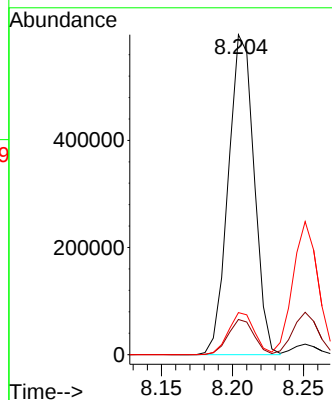
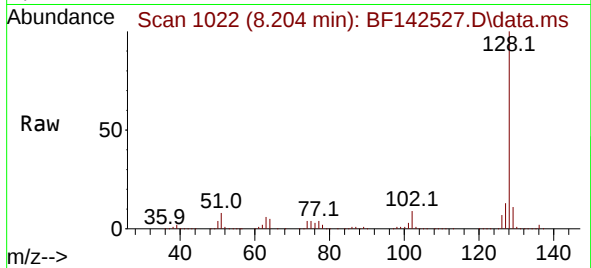




#31
Naphthalene
Concen: 38.042 ng
RT: 8.204 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF142527.D
Acq: 23 May 2025 11:12

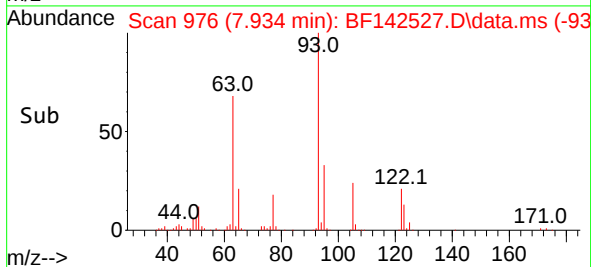
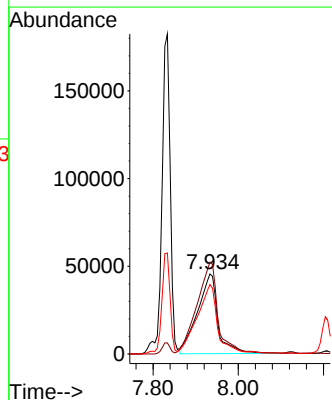
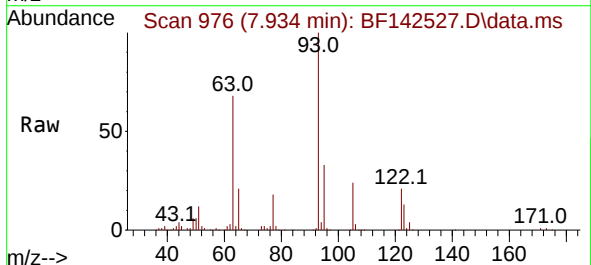
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

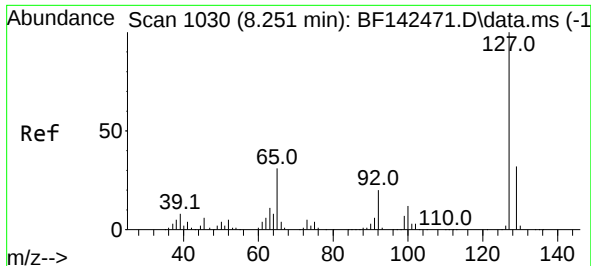
Tgt Ion:128 Resp: 753642
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.2 10.5 15.7



#32
Benzoic acid
Concen: 39.609 ng
RT: 7.934 min Scan# 976
Delta R.T. -0.041 min
Lab File: BF142527.D
Acq: 23 May 2025 11:12

Tgt Ion:122 Resp: 151193
Ion Ratio Lower Upper
122 100
105 114.7 101.7 141.7
77 86.7 69.5 109.5

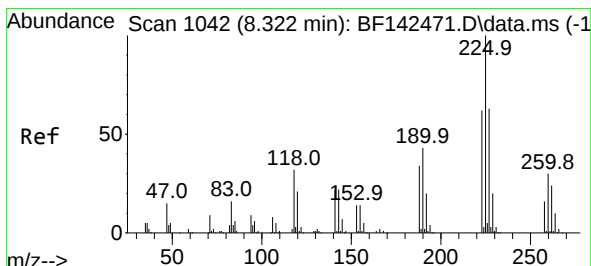
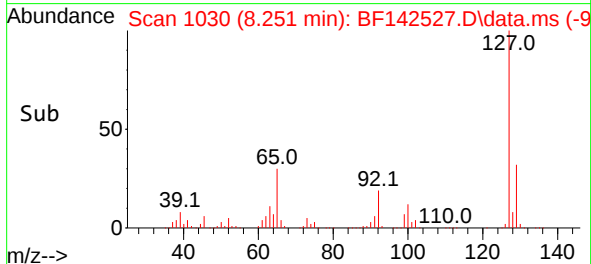
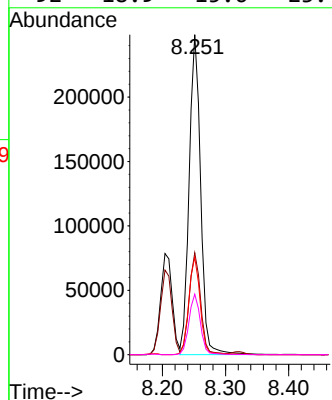
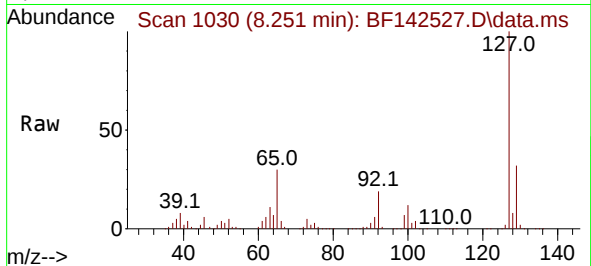




#33
4-Chloroaniline
Concen: 39.050 ng
RT: 8.251 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF142527.D
Acq: 23 May 2025 11:12

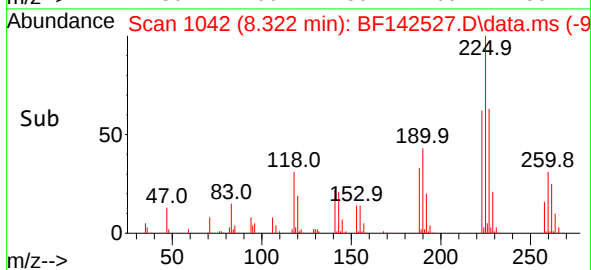
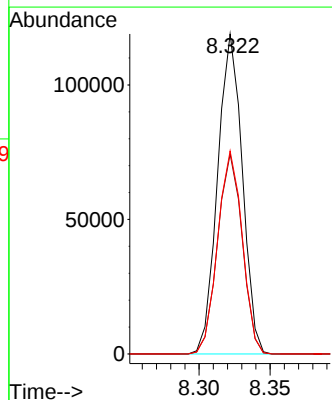
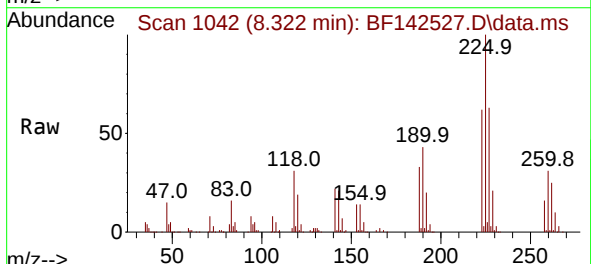
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

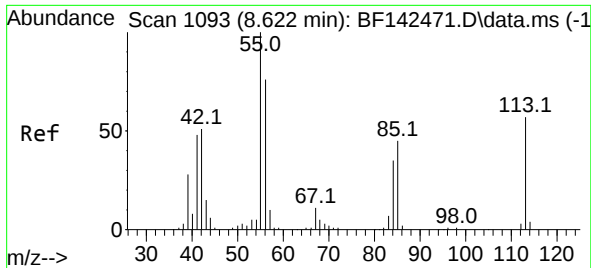
Tgt Ion:127	Resp: 313475
Ion Ratio	Lower Upper
127 100	
129 31.8	26.1 39.1
65 30.4	24.9 37.3
92 18.9	15.6 23.4



#34
Hexachlorobutadiene
Concen: 37.164 ng
RT: 8.322 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142527.D
Acq: 23 May 2025 11:12

Tgt Ion:225	Resp: 143618
Ion Ratio	Lower Upper
225 100	
223 62.5	49.7 74.5
227 63.5	50.3 75.5

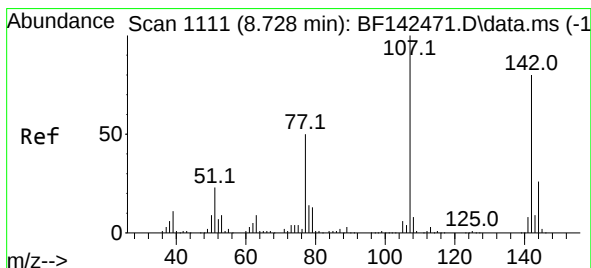
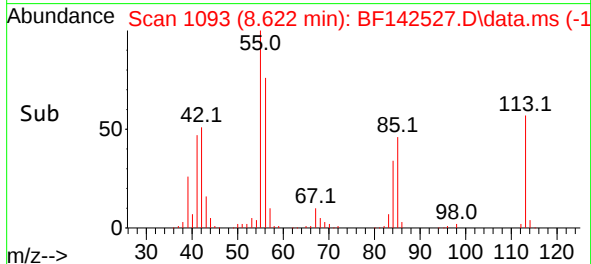
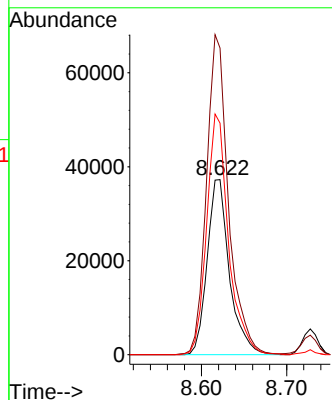
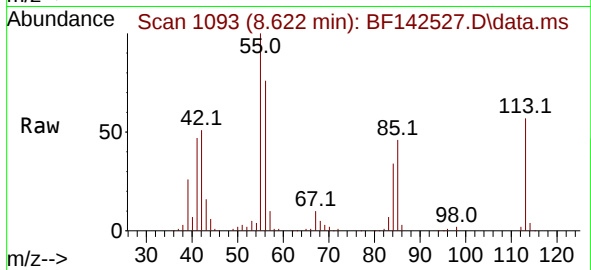




#35
 Caprolactam
 Concen: 42.191 ng
 RT: 8.622 min Scan# 1109
 Delta R.T. -0.023 min
 Lab File: BF142527.D
 Acq: 23 May 2025 11:12

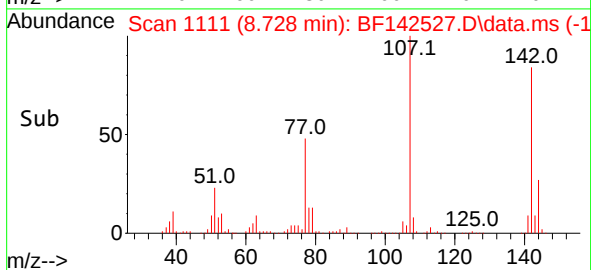
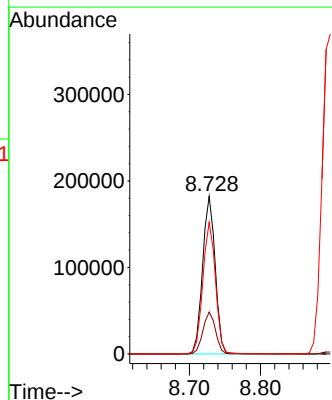
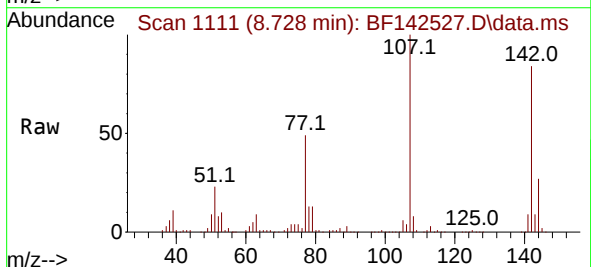
Instrument :
 BNA_F
 ClientSampleId :
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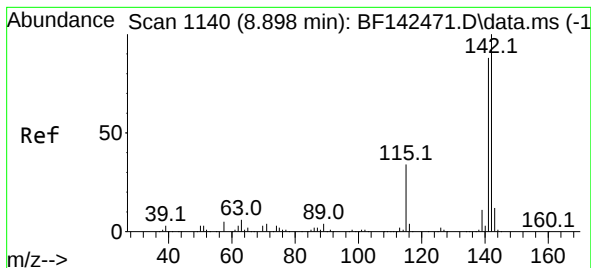
Tgt Ion:113 Resp: 67575
 Ion Ratio Lower Upper
 113 100
 55 175.2 154.7 194.7
 56 132.3 113.2 153.2



#36
 4-Chloro-3-methylphenol
 Concen: 38.708 ng
 RT: 8.728 min Scan# 1111
 Delta R.T. -0.012 min
 Lab File: BF142527.D
 Acq: 23 May 2025 11:12

Tgt Ion:107 Resp: 226223
 Ion Ratio Lower Upper
 107 100
 144 26.6 20.9 31.3
 142 83.6 64.2 96.2

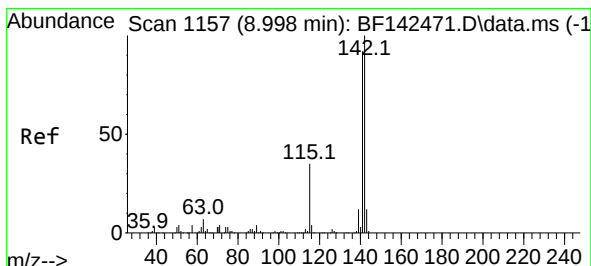
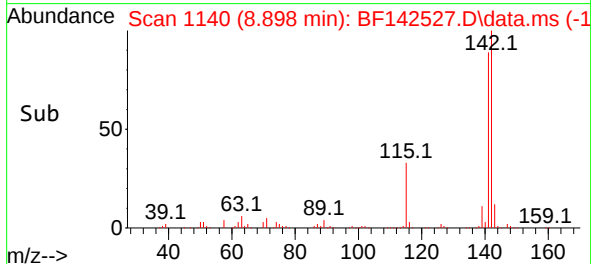
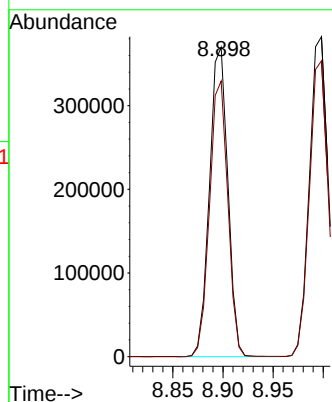
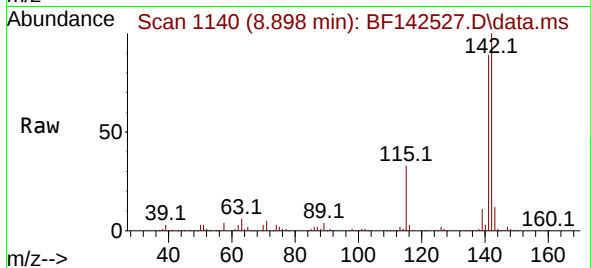




#37
2-Methylnaphthalene
Concen: 37.805 ng
RT: 8.898 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BF142527.D
Acq: 23 May 2025 11:12

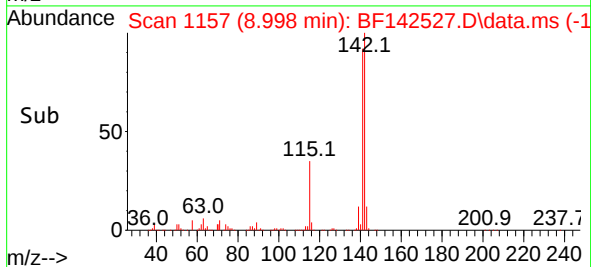
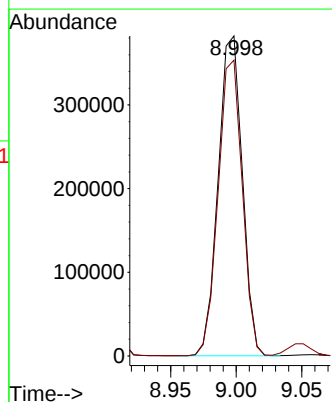
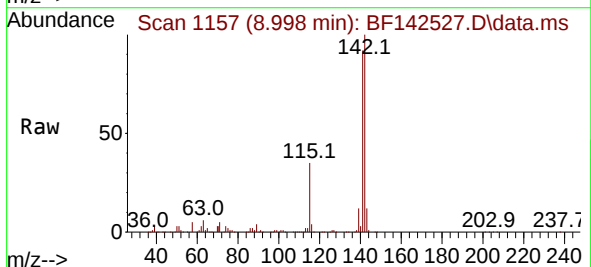
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

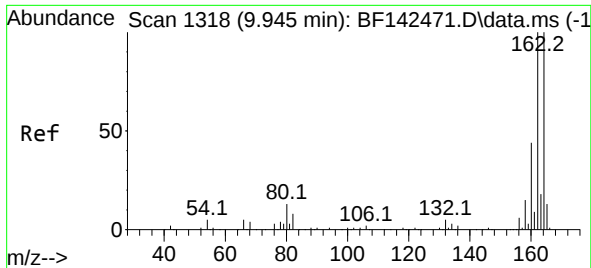
Tgt Ion:142 Resp: 471179
Ion Ratio Lower Upper
142 100
141 89.0 70.7 106.1



#38
1-Methylnaphthalene
Concen: 37.919 ng
RT: 8.998 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF142527.D
Acq: 23 May 2025 11:12

Tgt Ion:142 Resp: 488848
Ion Ratio Lower Upper
142 100
141 92.4 73.4 110.2

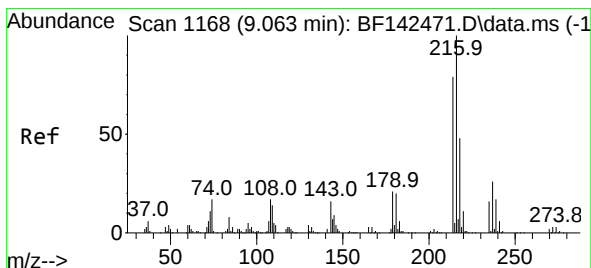
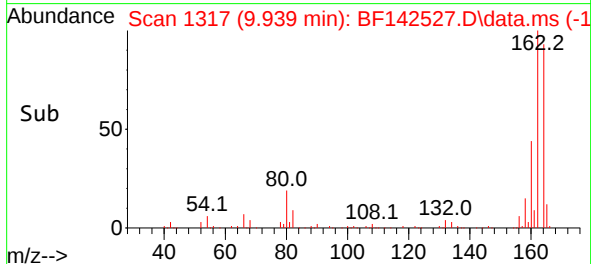
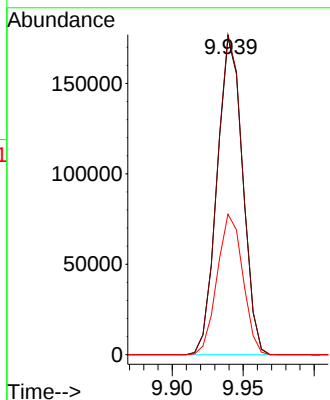
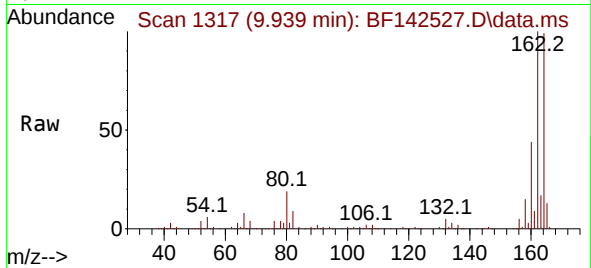




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1117
Delta R.T. -0.006 min
Lab File: BF142527.D
Acq: 23 May 2025 11:12

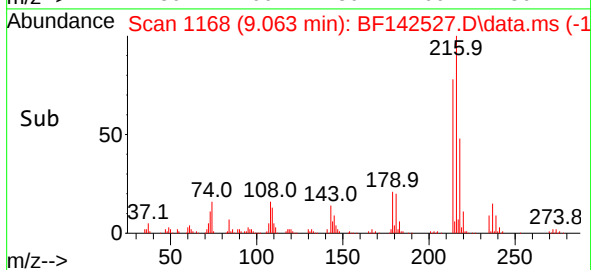
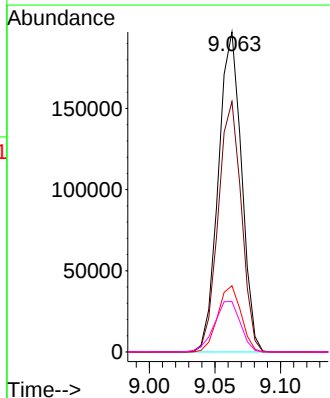
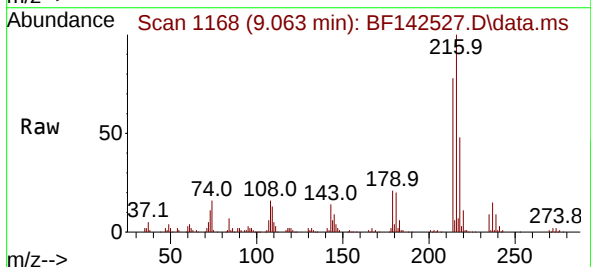
Instrument :
BNA_F
ClientSampleId :
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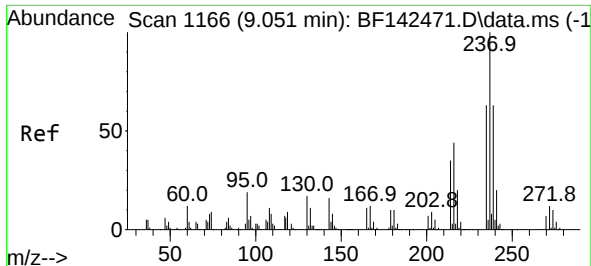
Tgt Ion:164 Resp: 219662
Ion Ratio Lower Upper
164 100
162 101.0 80.2 120.4
160 44.3 35.6 53.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.327 ng
RT: 9.063 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF142527.D
Acq: 23 May 2025 11:12

Tgt Ion:216 Resp: 241673
Ion Ratio Lower Upper
216 100
214 78.2 62.9 94.3
179 20.8 16.9 25.3
108 17.9 14.6 22.0

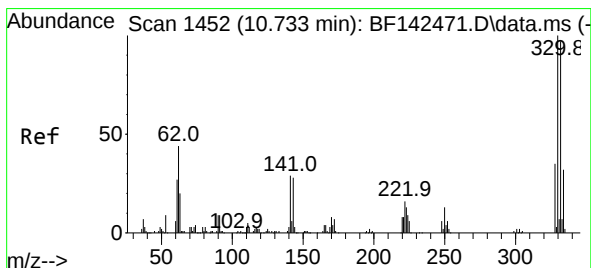
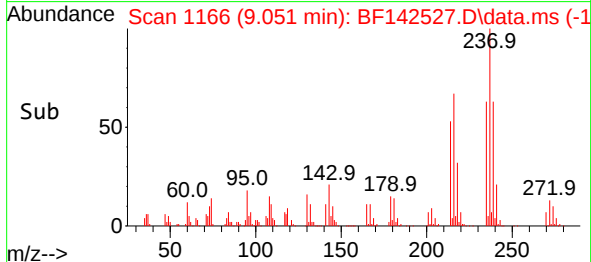
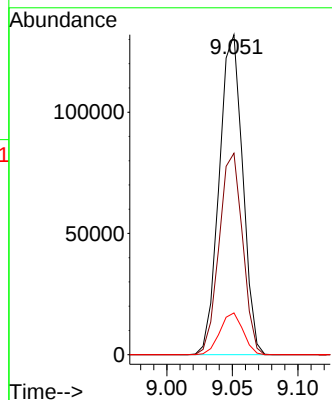
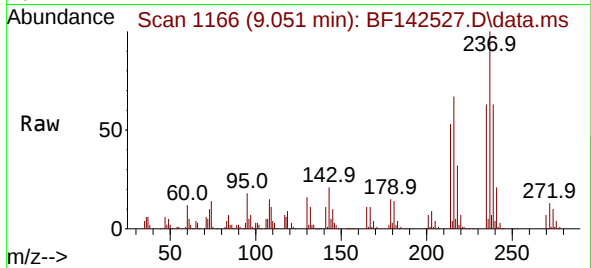




#41
Hexachlorocyclopentadiene
Concen: 38.577 ng
RT: 9.051 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF142527.D
Acq: 23 May 2025 11:12

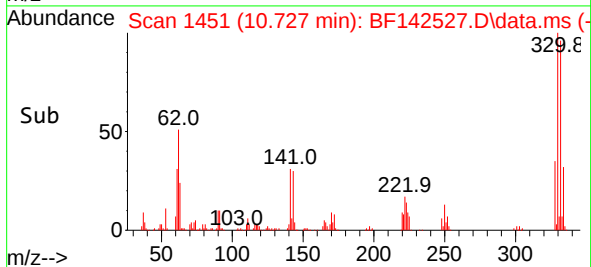
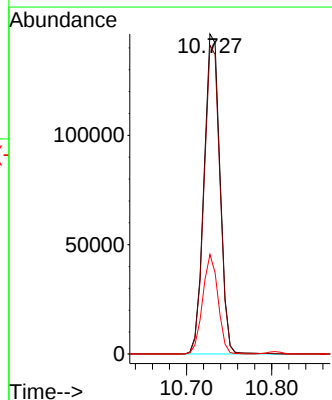
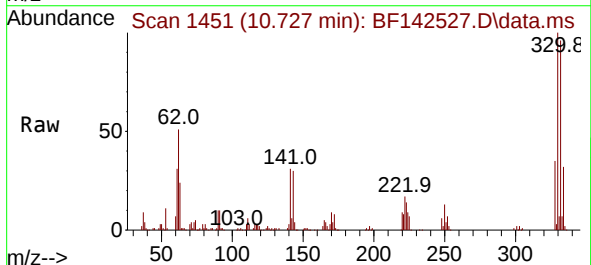
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 237 Resp: 164093
Ion Ratio Lower Upper
237 100
235 63.0 43.3 83.3
272 13.1 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 77.907 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF142527.D
Acq: 23 May 2025 11:12

Tgt Ion: 330 Resp: 189935
Ion Ratio Lower Upper
330 100
332 96.2 77.6 116.4
141 29.8 24.6 36.8

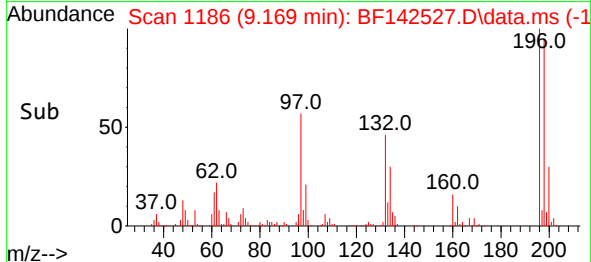
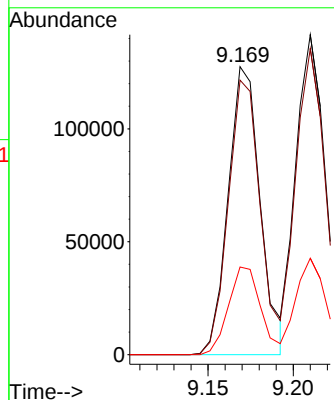
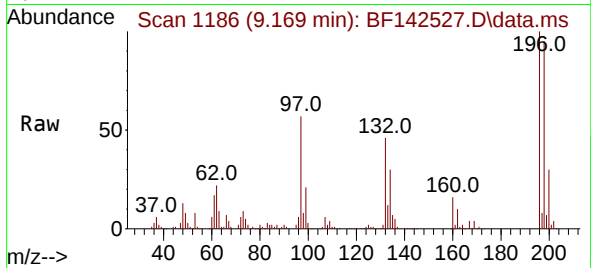




#43
2,4,6-Trichlorophenol
Concen: 39.277 ng
RT: 9.169 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF142527.D
Acq: 23 May 2025 11:12

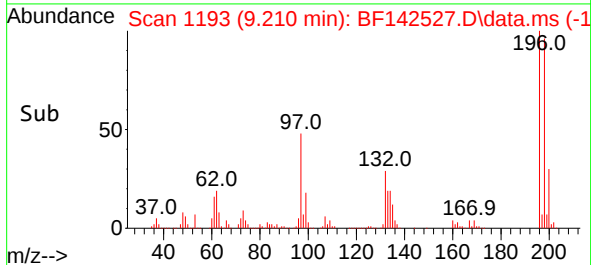
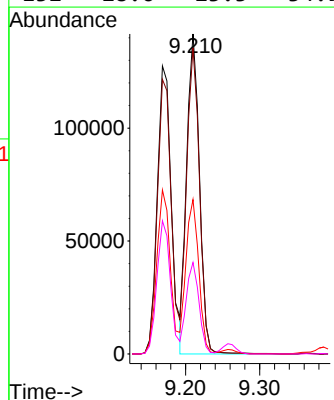
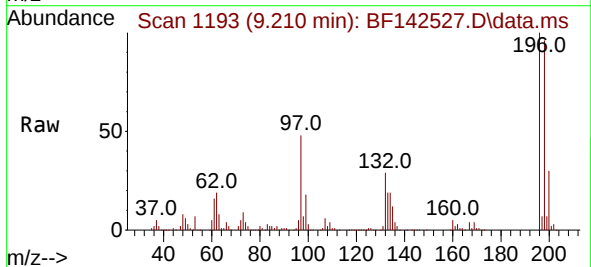
Instrument :
BNA_F
ClientSampleId :
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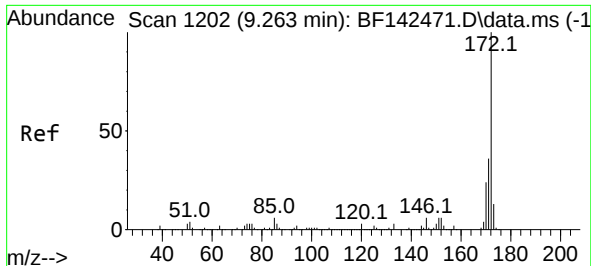
Tgt Ion:196 Resp: 167004
Ion Ratio Lower Upper
196 100
198 95.3 78.8 118.2
200 30.4 24.9 37.3



#44
2,4,5-Trichlorophenol
Concen: 38.091 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF142527.D
Acq: 23 May 2025 11:12

Tgt Ion:196 Resp: 170812
Ion Ratio Lower Upper
196 100
198 95.7 75.5 113.3
97 48.3 39.3 58.9
132 28.6 23.3 34.9

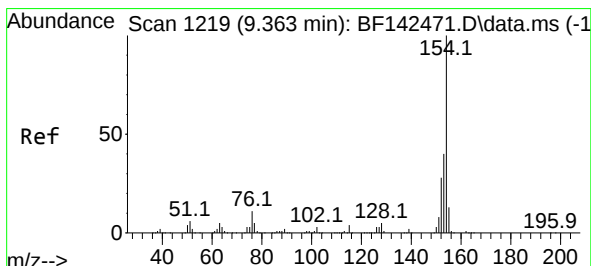
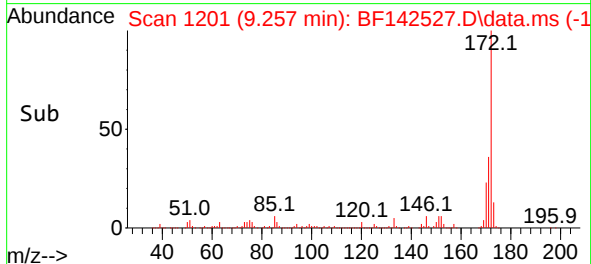
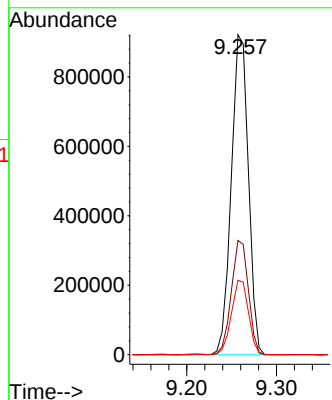
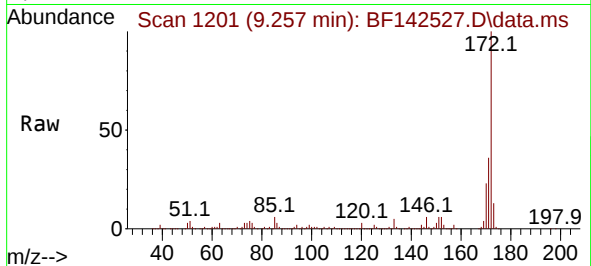




#45
2-Fluorobiphenyl
Concen: 74.397 ng
RT: 9.257 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142527.D
Acq: 23 May 2025 11:12

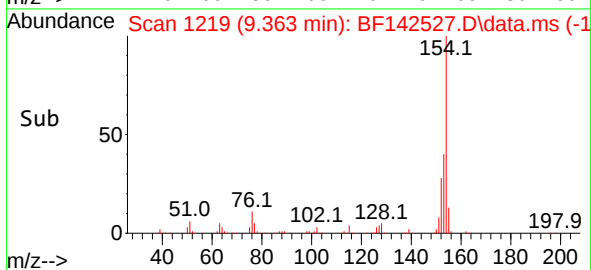
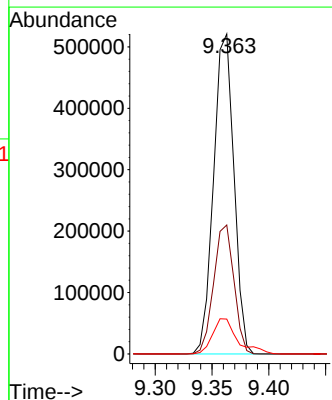
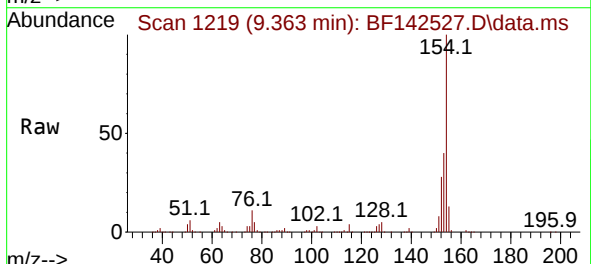
Instrument :
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ClientSampleId :
SSTDCCC040

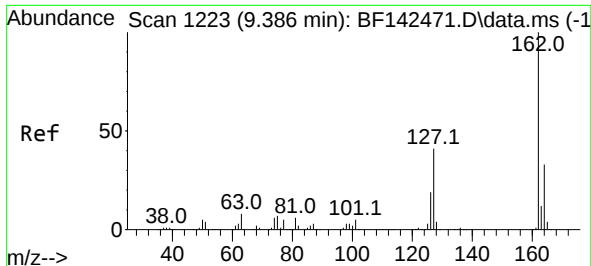
Tgt Ion:172 Resp: 1217879
Ion Ratio Lower Upper
172 100
171 35.7 28.6 42.8
170 23.2 18.9 28.3



#46
1,1'-Biphenyl
Concen: 38.074 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF142527.D
Acq: 23 May 2025 11:12

Tgt Ion:154 Resp: 648852
Ion Ratio Lower Upper
154 100
153 40.3 20.4 60.4
76 10.9 0.0 30.8

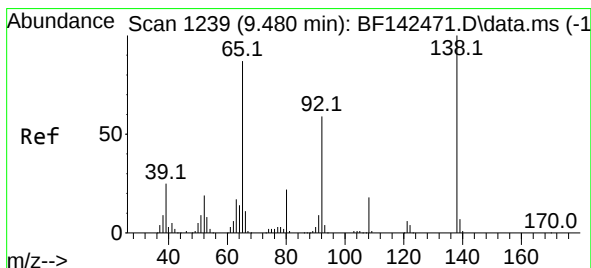
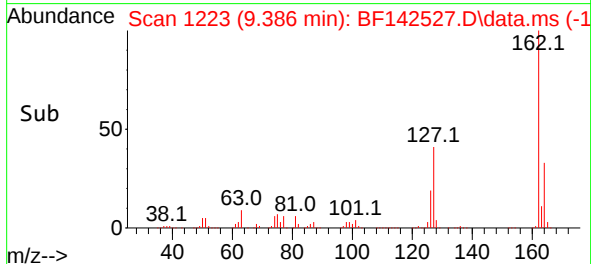
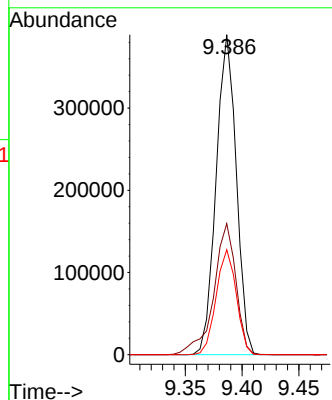
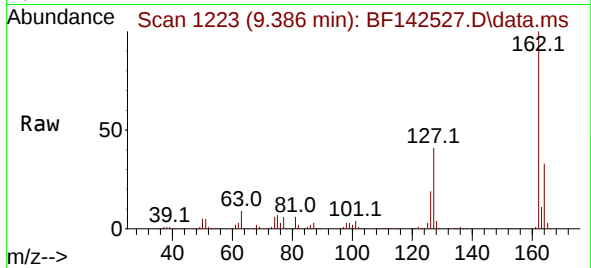




#47
2-Chloronaphthalene
Concen: 38.144 ng
RT: 9.386 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF142527.D
Acq: 23 May 2025 11:12

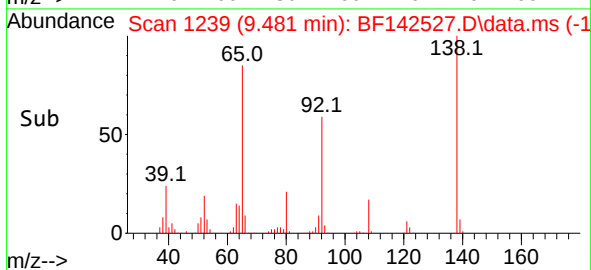
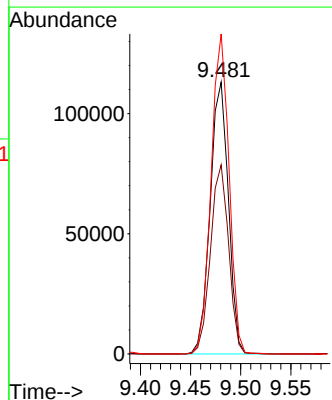
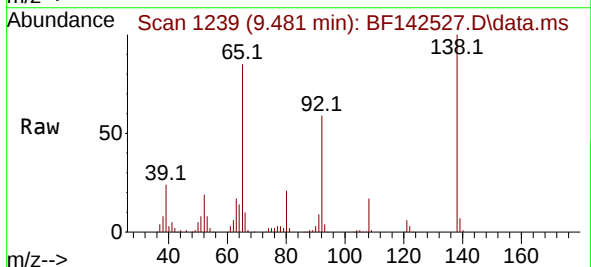
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

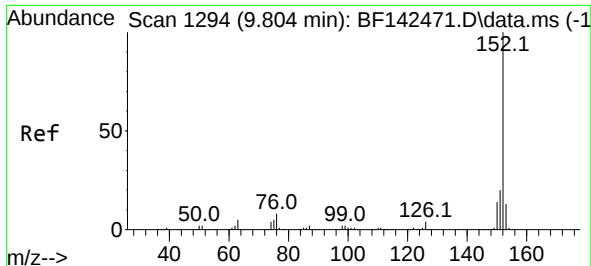
Tgt Ion:162 Resp: 480279
Ion Ratio Lower Upper
162 100
127 41.0 33.5 50.3
164 32.8 26.1 39.1



#48
2-Nitroaniline
Concen: 39.360 ng
RT: 9.481 min Scan# 1239
Delta R.T. -0.005 min
Lab File: BF142527.D
Acq: 23 May 2025 11:12

Tgt Ion: 65 Resp: 143246
Ion Ratio Lower Upper
65 100
92 69.6 54.4 81.6
138 117.7 91.4 137.2





#49

Acenaphthylene

Concen: 38.160 ng

RT: 9.804 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142527.D

Acq: 23 May 2025 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

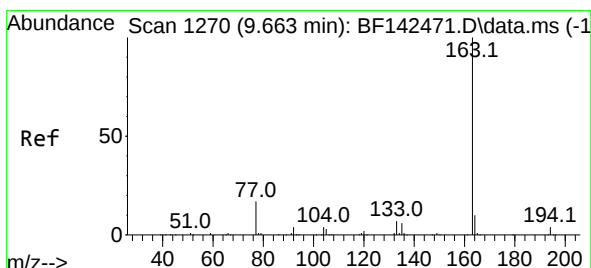
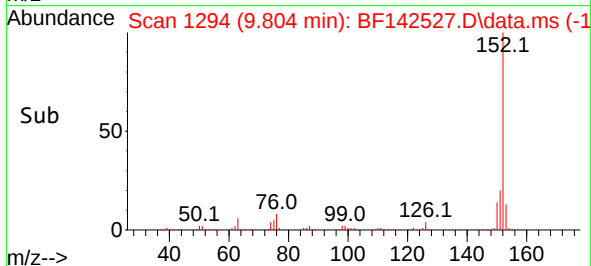
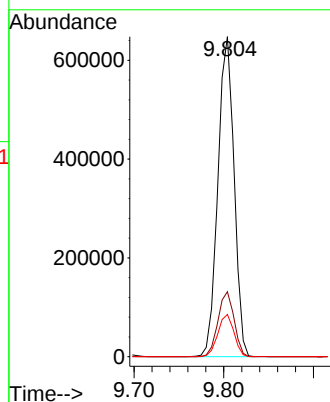
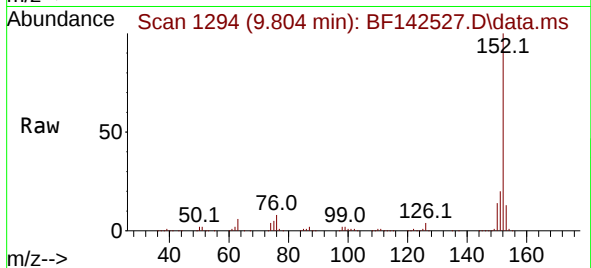
Tgt Ion:152 Resp: 811313

Ion Ratio Lower Upper

152 100

151 20.3 15.8 23.8

153 13.2 10.6 15.8



#50

Dimethylphthalate

Concen: 38.495 ng

RT: 9.657 min Scan# 1269

Delta R.T. -0.012 min

Lab File: BF142527.D

Acq: 23 May 2025 11:12

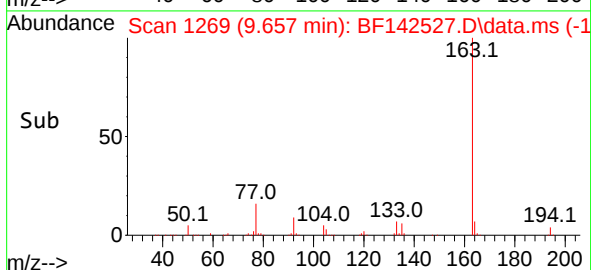
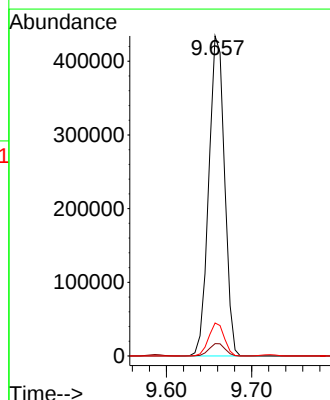
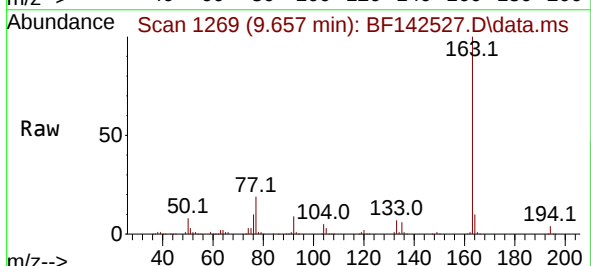
Tgt Ion:163 Resp: 557948

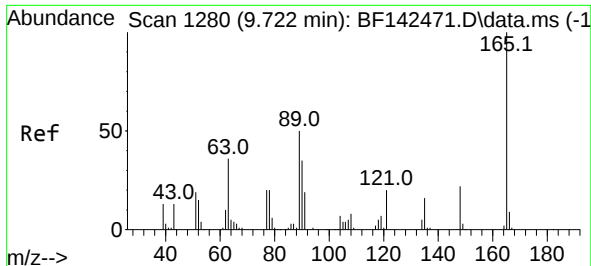
Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

164 10.3 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 38.592 ng

RT: 9.722 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142527.D

Acq: 23 May 2025 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

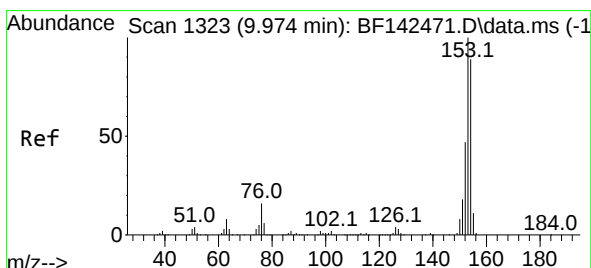
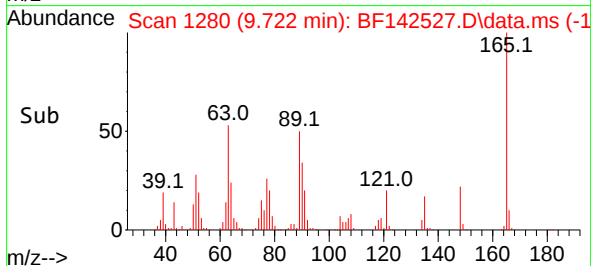
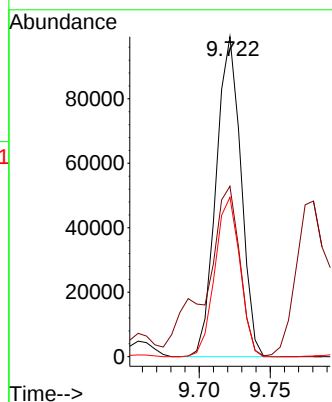
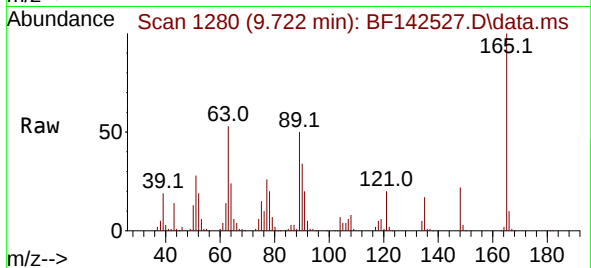
Tgt Ion:165 Resp: 120726

Ion Ratio Lower Upper

165 100

63 53.3 42.9 64.3

89 49.8 40.2 60.4



#52

Acenaphthene

Concen: 38.023 ng

RT: 9.975 min Scan# 1323

Delta R.T. -0.005 min

Lab File: BF142527.D

Acq: 23 May 2025 11:12

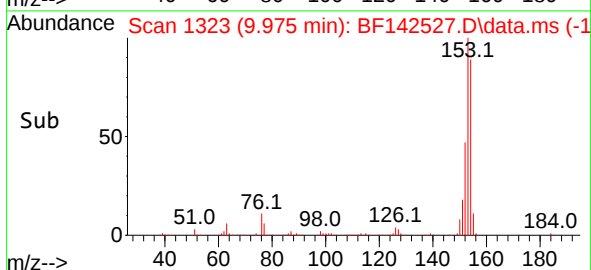
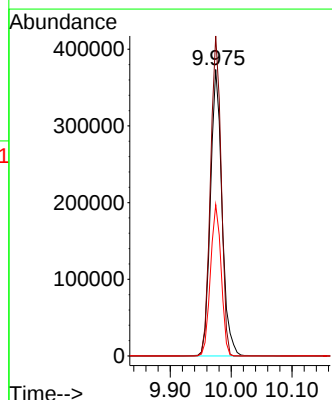
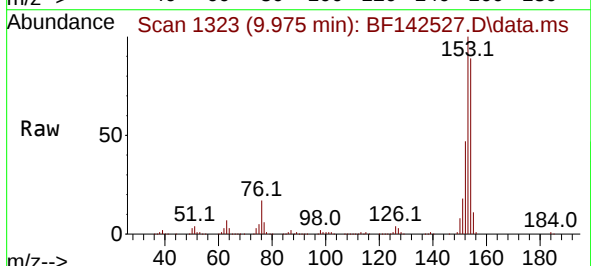
Tgt Ion:154 Resp: 493628

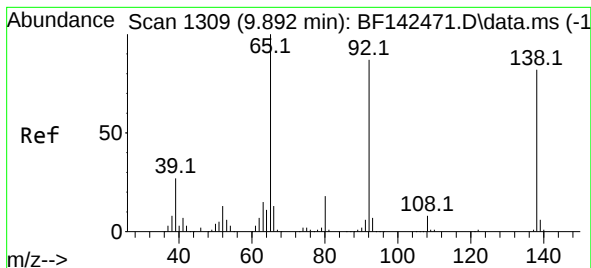
Ion Ratio Lower Upper

154 100

153 111.7 90.0 135.0

152 52.8 42.6 64.0





#53

3-Nitroaniline

Concen: 40.433 ng

RT: 9.892 min Scan# 1309

Delta R.T. -0.006 min

Lab File: BF142527.D

Acq: 23 May 2025 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

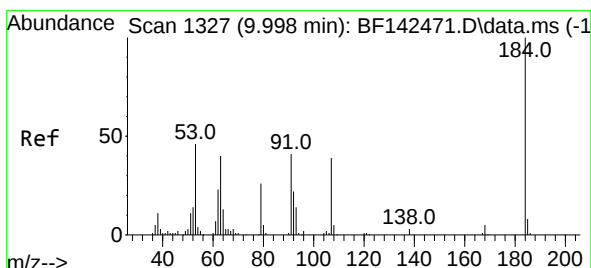
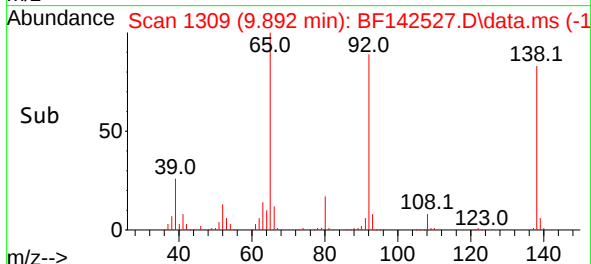
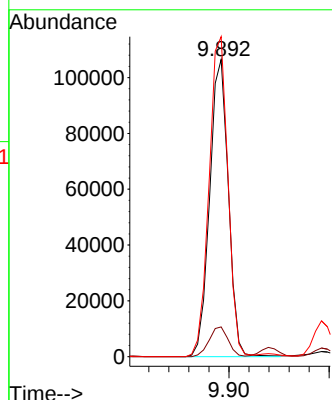
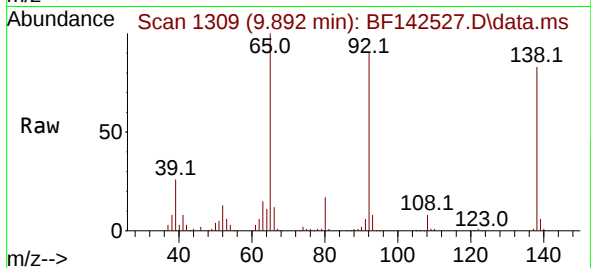
Tgt Ion:138 Resp: 138152

Ion Ratio Lower Upper

138 100

108 10.0 8.1 12.1

92 107.7 85.2 127.8



#54

2,4-Dinitrophenol

Concen: 40.569 ng

RT: 9.992 min Scan# 1326

Delta R.T. -0.012 min

Lab File: BF142527.D

Acq: 23 May 2025 11:12

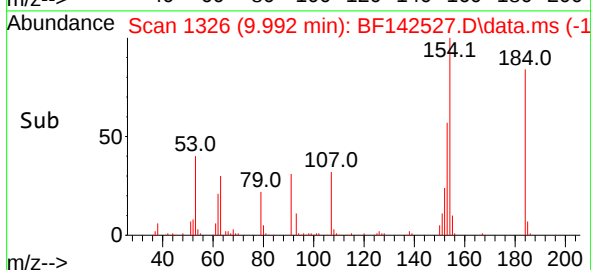
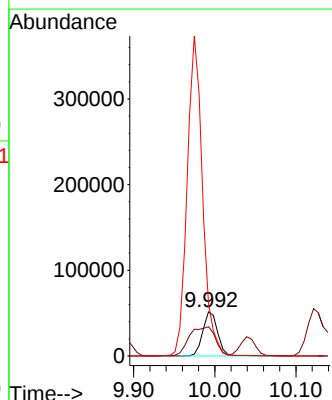
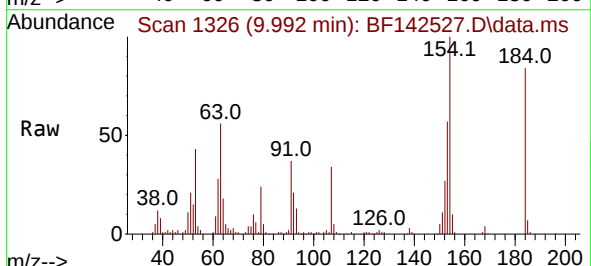
Tgt Ion:184 Resp: 65567

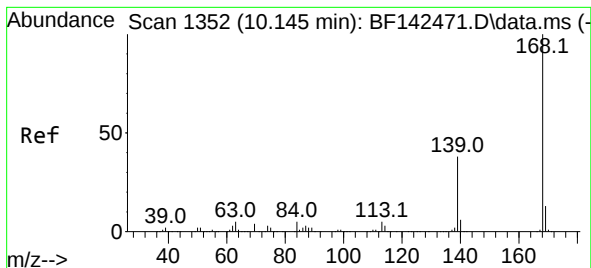
Ion Ratio Lower Upper

184 100

63 66.4 46.3 69.5

154 118.6 56.8 85.2#





#55

Dibenzofuran

Concen: 38.212 ng

RT: 10.145 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142527.D

Acq: 23 May 2025 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

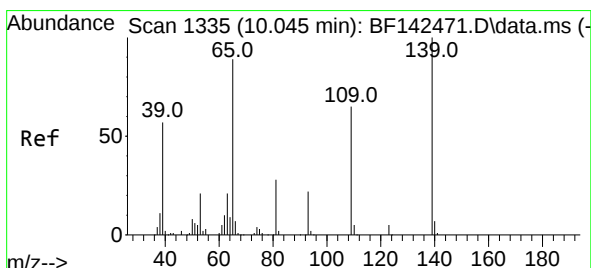
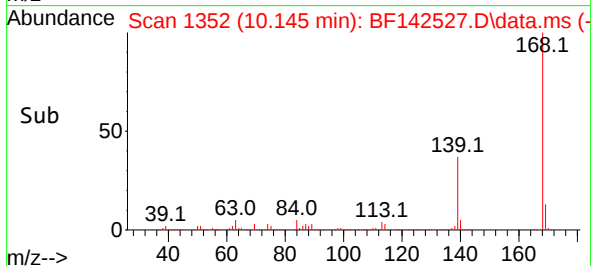
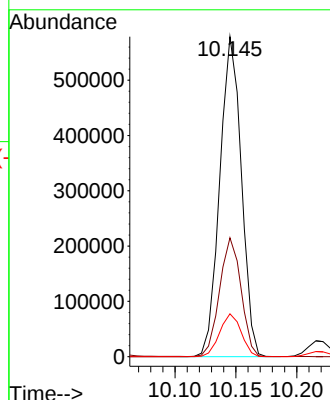
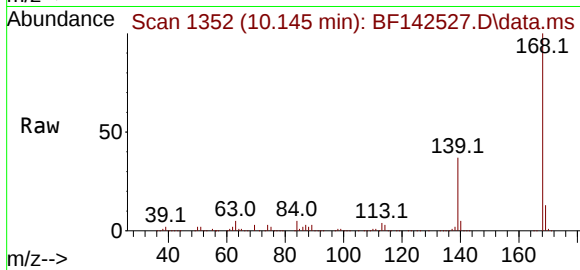
Tgt Ion:168 Resp: 713881

Ion Ratio Lower Upper

168 100

139 37.2 30.2 45.2

169 13.4 10.7 16.1



#56

4-Nitrophenol

Concen: 41.597 ng

RT: 10.039 min Scan# 1334

Delta R.T. -0.012 min

Lab File: BF142527.D

Acq: 23 May 2025 11:12

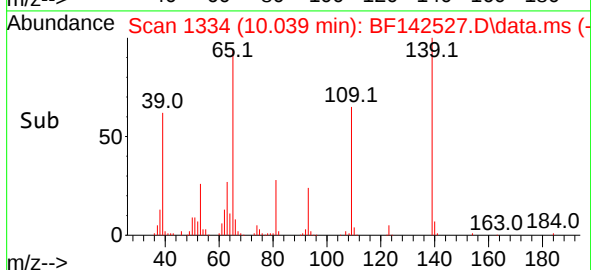
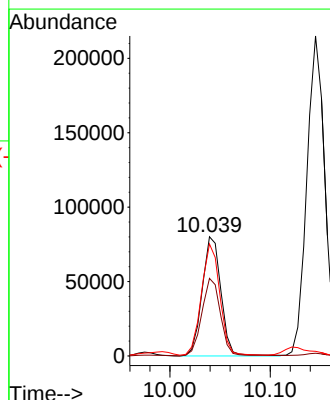
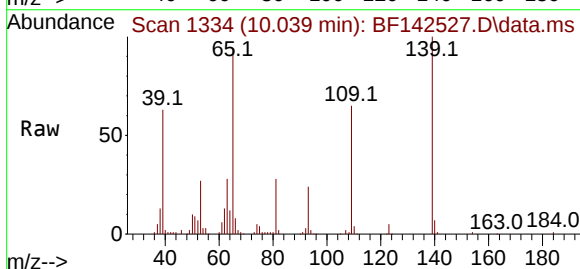
Tgt Ion:139 Resp: 104869

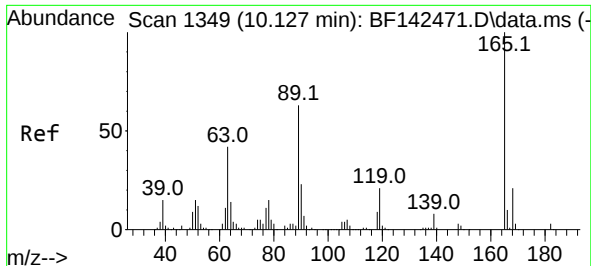
Ion Ratio Lower Upper

139 100

109 65.2 45.1 85.1

65 94.1 69.7 109.7

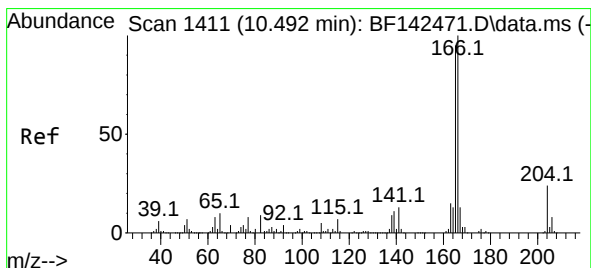
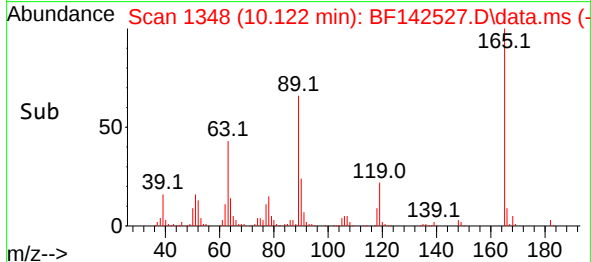
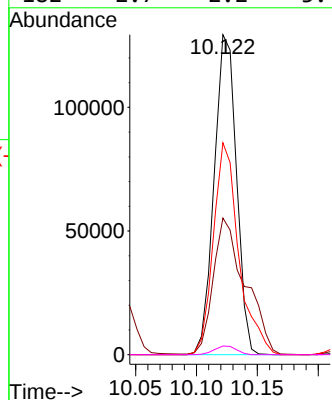
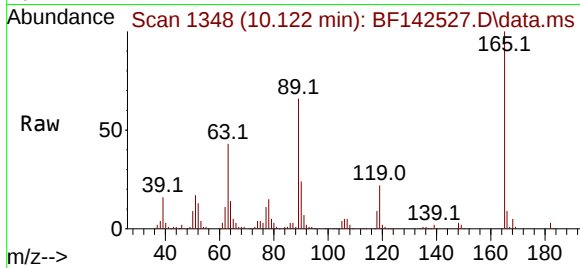




#57
2,4-Dinitrotoluene
Concen: 40.408 ng
RT: 10.122 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142527.D
Acq: 23 May 2025 11:12

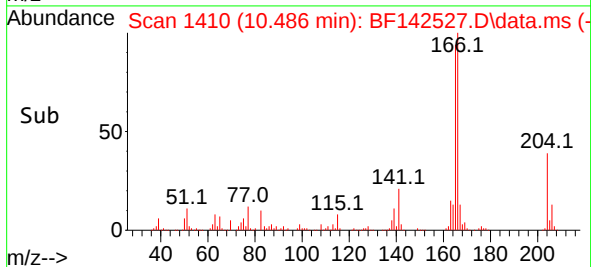
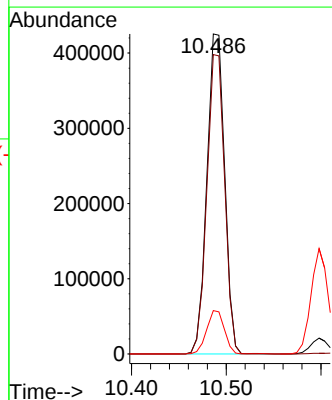
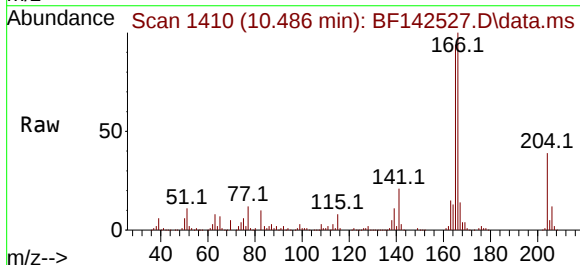
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 165084
Ion Ratio Lower Upper
165 100
63 42.7 33.6 50.4
89 66.2 50.2 75.4
182 2.7 2.2 3.4



#58
Fluorene
Concen: 38.447 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF142527.D
Acq: 23 May 2025 11:12

Tgt Ion:166 Resp: 554902
Ion Ratio Lower Upper
166 100
165 93.6 75.8 113.8
167 13.5 10.6 16.0

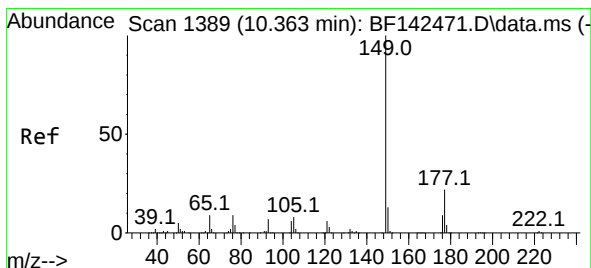
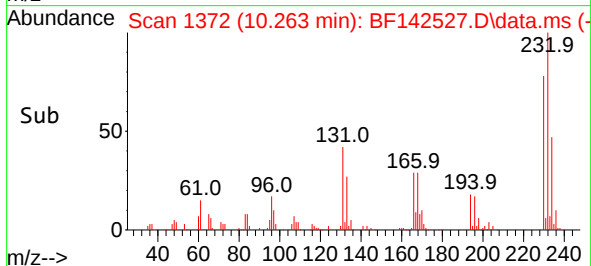
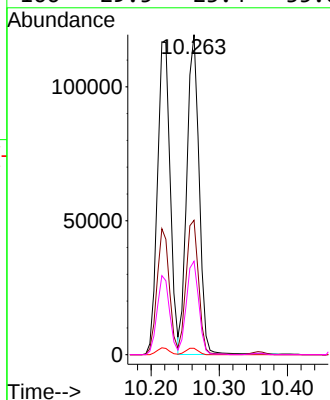
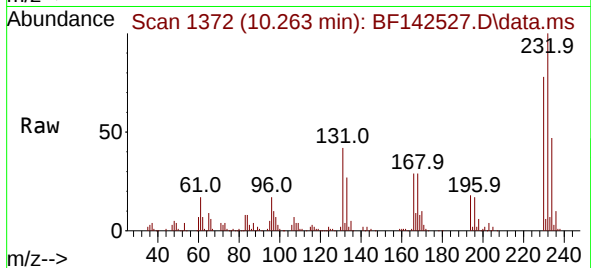




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.616 ng
RT: 10.263 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142527.D
Acq: 23 May 2025 11:12

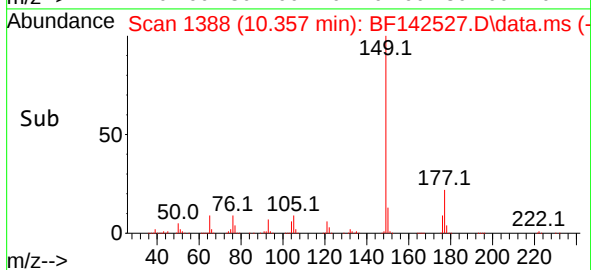
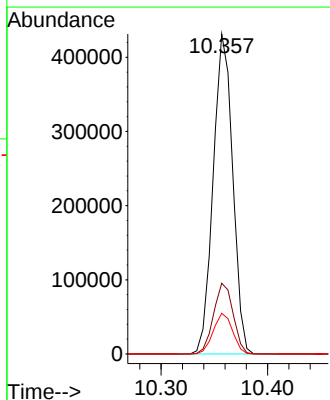
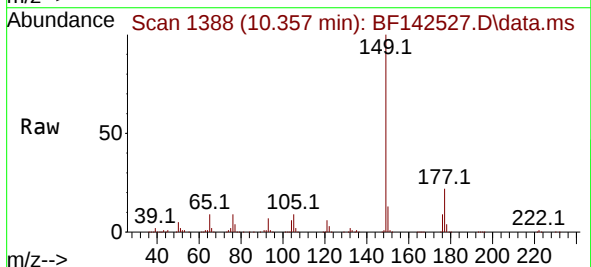
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

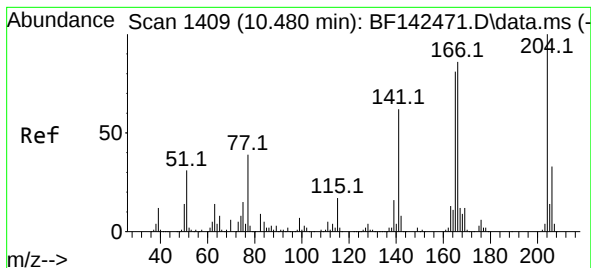
Tgt Ion:232 Resp: 148306
Ion Ratio Lower Upper
232 100
131 43.1 35.2 52.8
130 2.1 1.7 2.5
166 29.5 23.4 35.0



#60
Diethylphthalate
Concen: 38.746 ng
RT: 10.357 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF142527.D
Acq: 23 May 2025 11:12

Tgt Ion:149 Resp: 548470
Ion Ratio Lower Upper
149 100
177 22.1 17.6 26.4
150 12.7 10.1 15.1

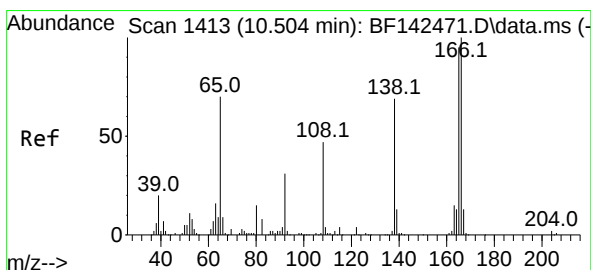
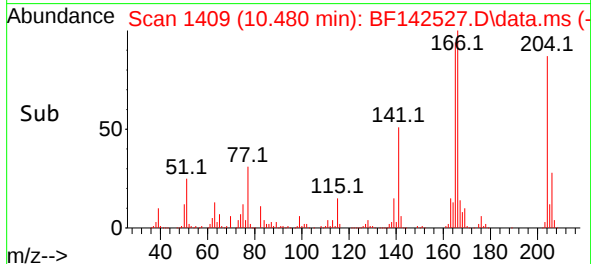
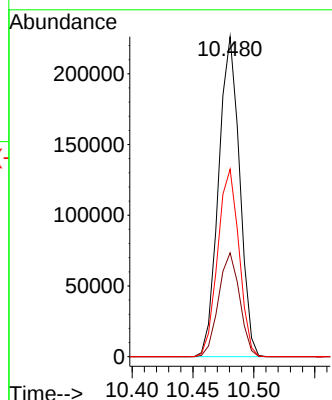
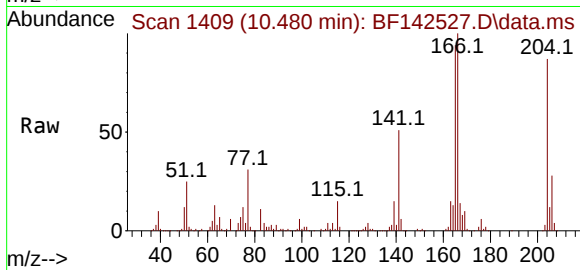




#61
4-Chlorophenyl-phenylether
Concen: 38.390 ng
RT: 10.480 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF142527.D
Acq: 23 May 2025 11:12

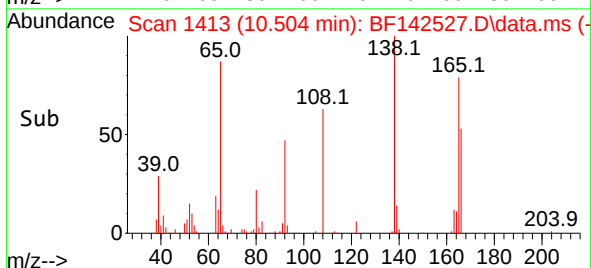
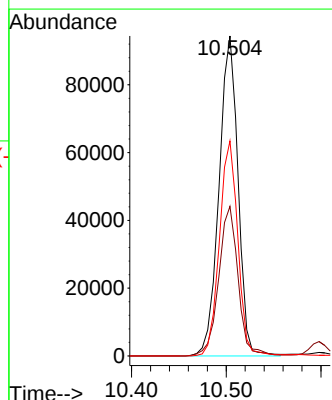
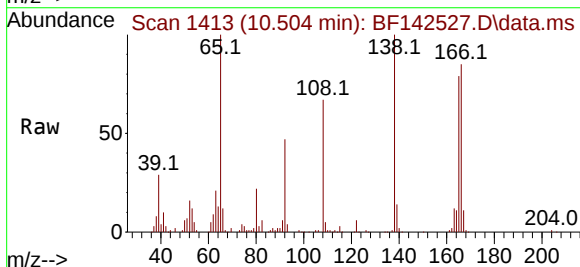
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

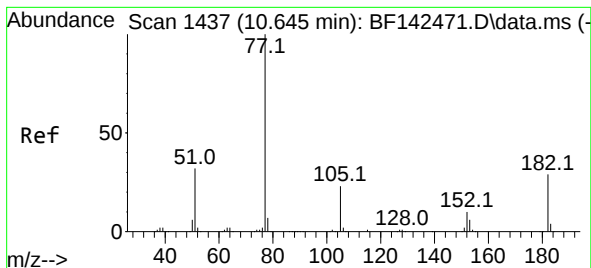
Tgt Ion:204 Resp: 272184
Ion Ratio Lower Upper
204 100
206 32.5 26.3 39.5
141 58.6 49.5 74.3



#62
4-Nitroaniline
Concen: 42.537 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF142527.D
Acq: 23 May 2025 11:12

Tgt Ion:138 Resp: 131817
Ion Ratio Lower Upper
138 100
92 46.7 26.0 66.0
108 67.2 48.4 88.4





#63

Azobenzene

Concen: 38.815 ng

RT: 10.639 min Scan# 1436

Delta R.T. -0.006 min

Lab File: BF142527.D

Acq: 23 May 2025 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 493507

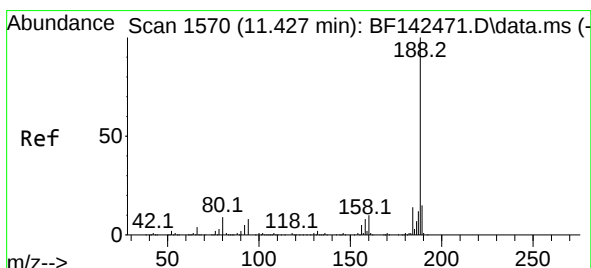
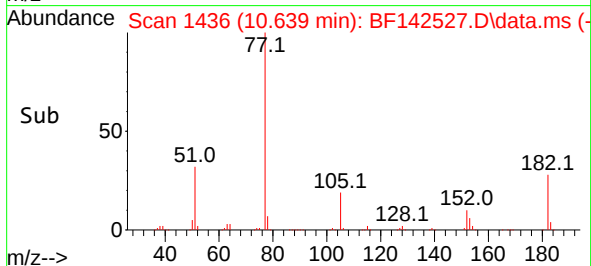
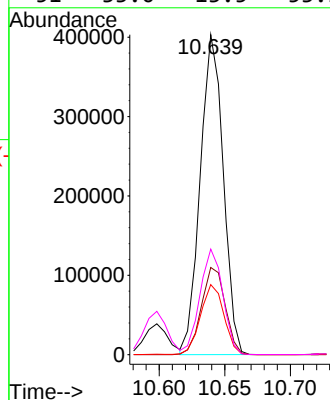
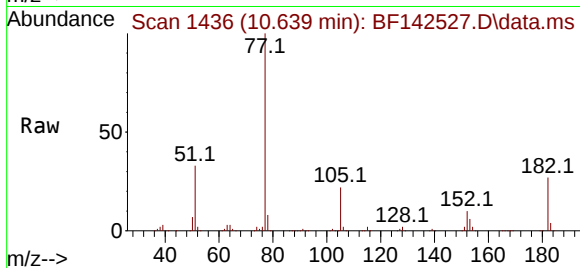
Ion Ratio Lower Upper

77 100

182 27.3 9.0 49.0

105 21.9 2.4 42.4

51 33.0 13.5 53.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1570

Delta R.T. -0.006 min

Lab File: BF142527.D

Acq: 23 May 2025 11:12

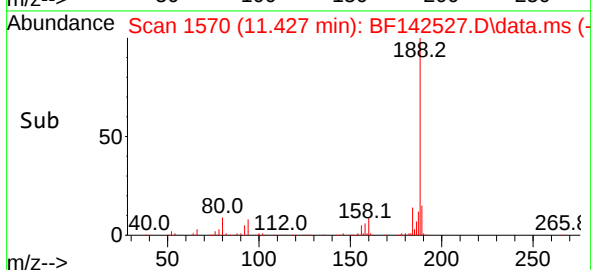
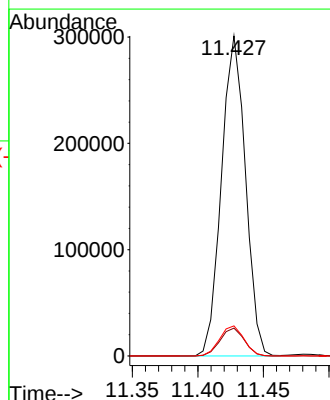
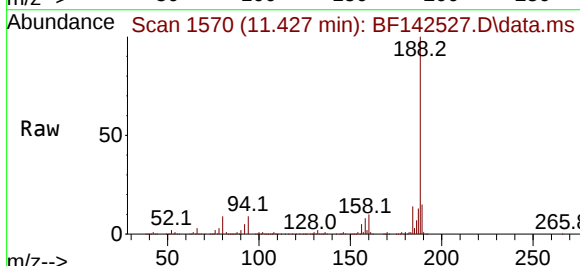
Tgt Ion:188 Resp: 382968

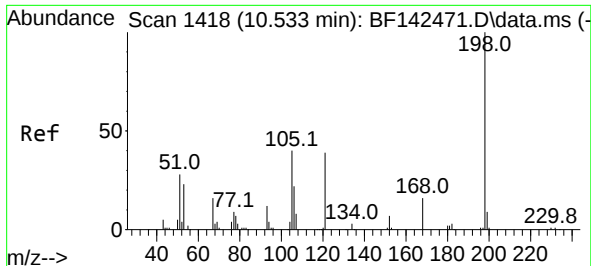
Ion Ratio Lower Upper

188 100

94 8.7 6.6 10.0

80 9.4 7.4 11.0

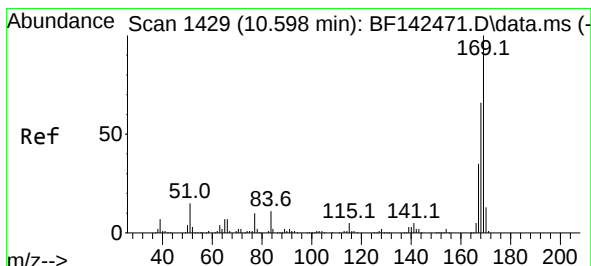
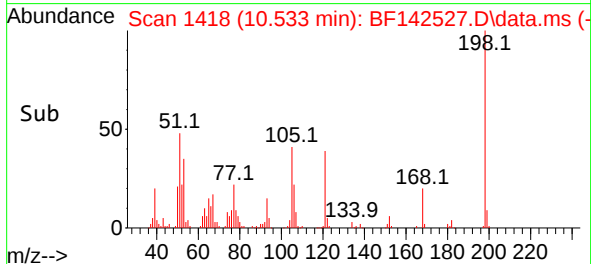
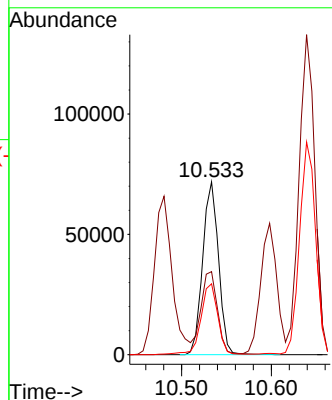
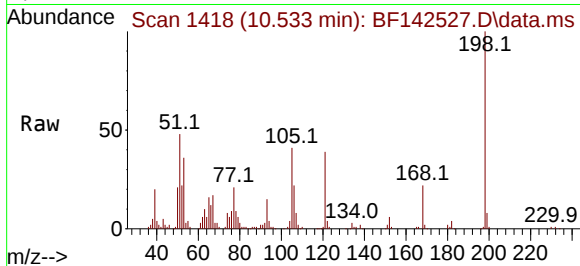




#65
4,6-Dinitro-2-methylphenol
Concen: 41.189 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF142527.D
Acq: 23 May 2025 11:12

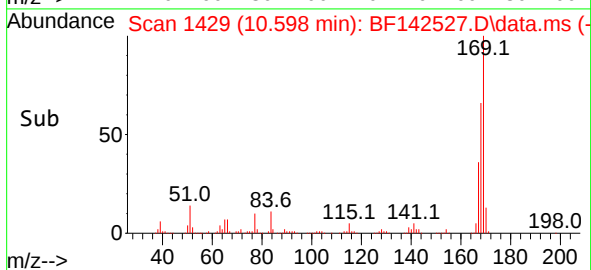
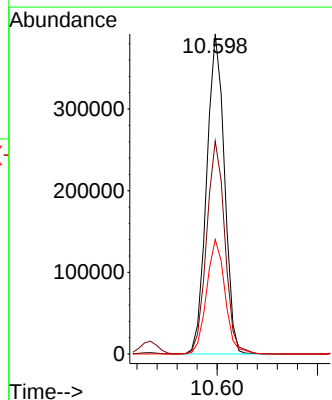
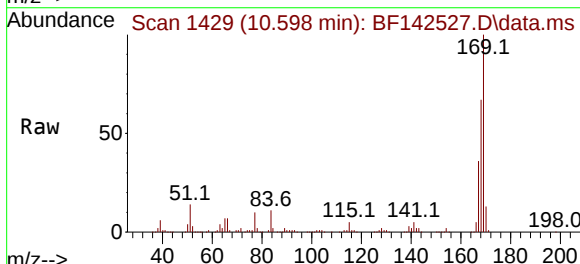
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 88031
Ion Ratio Lower Upper
198 100
51 48.0 28.3 68.3
105 41.0 21.3 61.3



#66
n-Nitrosodiphenylamine
Concen: 36.986 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142527.D
Acq: 23 May 2025 11:12

Tgt Ion:169 Resp: 484596
Ion Ratio Lower Upper
169 100
168 66.5 52.7 79.1
167 35.8 28.3 42.5

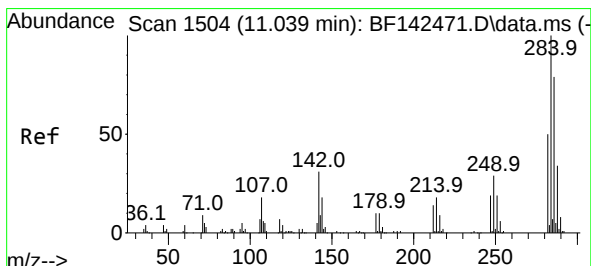
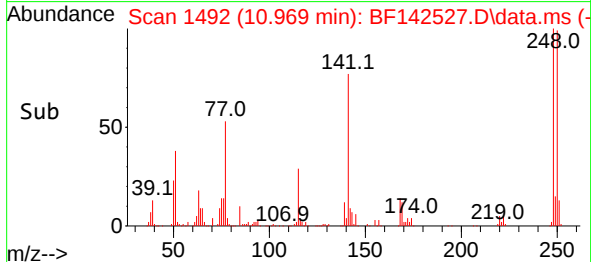
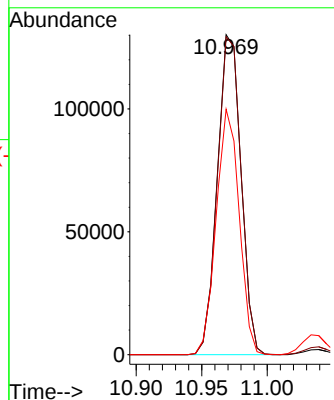
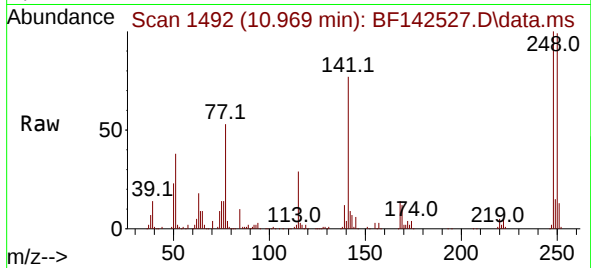




#67
4-Bromophenyl-phenylether
Concen: 36.190 ng
RT: 10.969 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF142527.D
Acq: 23 May 2025 11:12

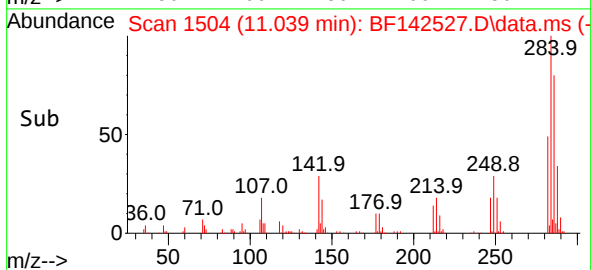
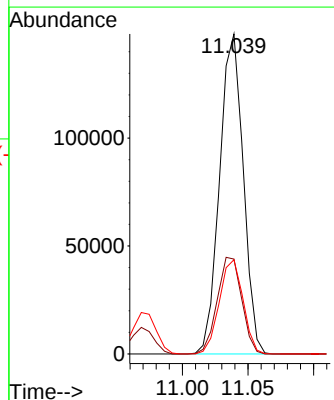
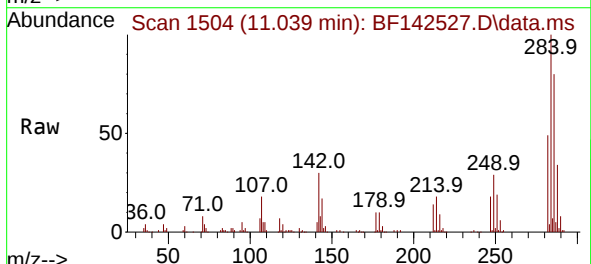
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

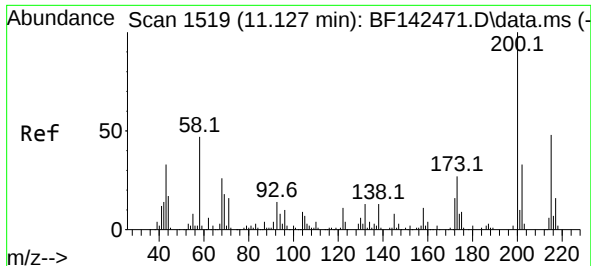
Tgt Ion:248 Resp: 163880
Ion Ratio Lower Upper
248 100
250 99.4 79.0 118.4
141 76.7 58.4 87.6



#68
Hexachlorobenzene
Concen: 37.056 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142527.D
Acq: 23 May 2025 11:12

Tgt Ion:284 Resp: 185595
Ion Ratio Lower Upper
284 100
142 29.6 24.8 37.2
249 29.5 23.6 35.4

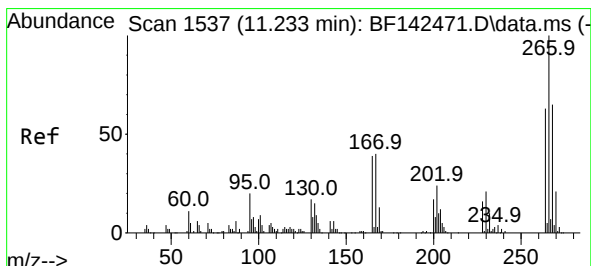
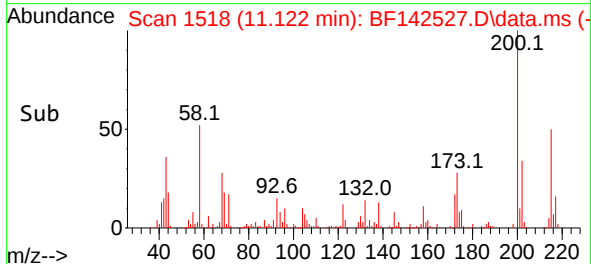
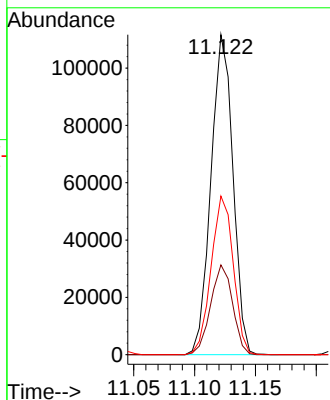
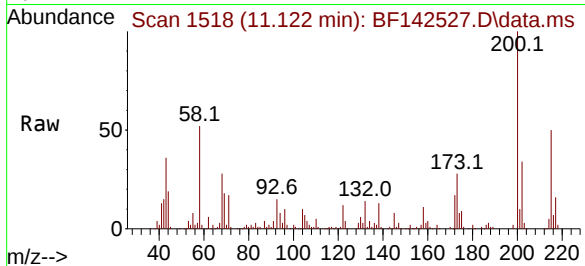




#69
 Atrazine
 Concen: 40.281 ng
 RT: 11.122 min Scan# 1518
 Delta R.T. -0.005 min
 Lab File: BF142527.D
 Acq: 23 May 2025 11:12

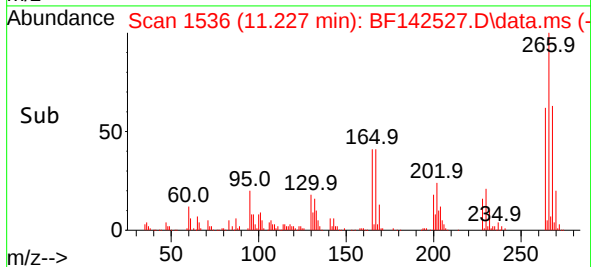
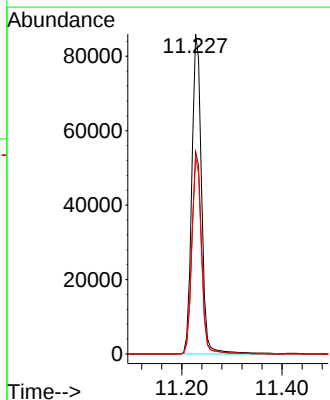
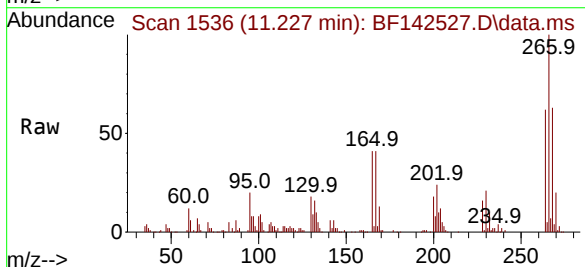
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

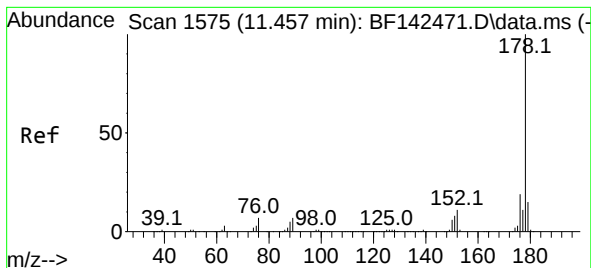
Tgt Ion:200 Resp: 140162
 Ion Ratio Lower Upper
 200 100
 173 28.0 7.4 47.4
 215 49.5 28.5 68.5



#70
 Pentachlorophenol
 Concen: 40.637 ng
 RT: 11.227 min Scan# 1536
 Delta R.T. -0.006 min
 Lab File: BF142527.D
 Acq: 23 May 2025 11:12

Tgt Ion:266 Resp: 114909
 Ion Ratio Lower Upper
 266 100
 268 63.2 51.7 77.5
 264 61.5 50.4 75.6





#71

Phenanthrene

Concen: 37.654 ng

RT: 11.451 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142527.D

Acq: 23 May 2025 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

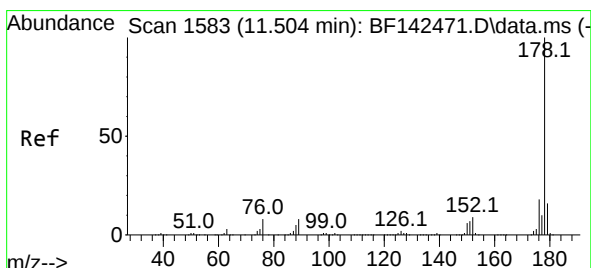
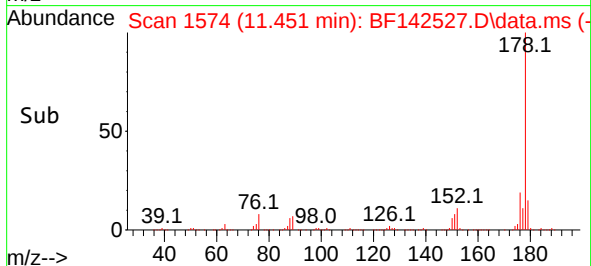
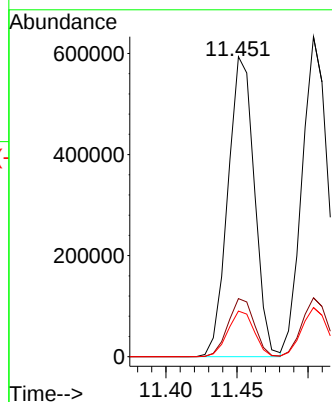
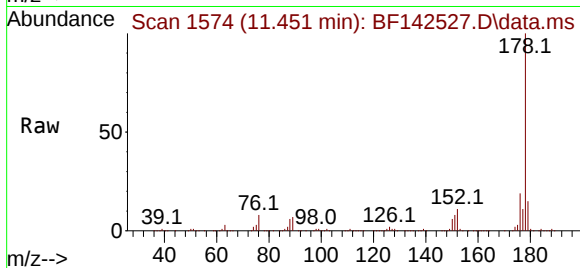
Tgt Ion:178 Resp: 770643

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.0

179 15.2 12.3 18.5



#72

Anthracene

Concen: 37.986 ng

RT: 11.504 min Scan# 1583

Delta R.T. -0.006 min

Lab File: BF142527.D

Acq: 23 May 2025 11:12

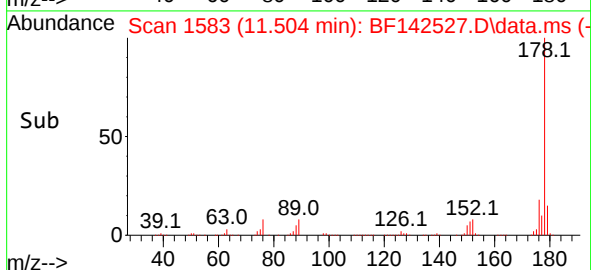
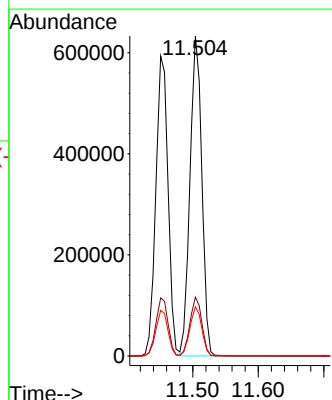
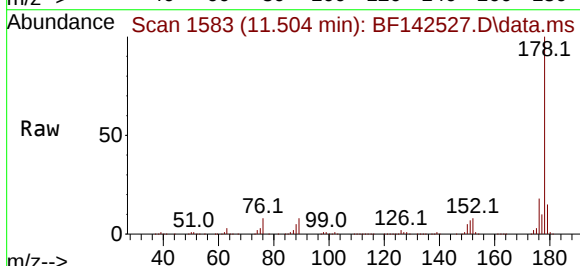
Tgt Ion:178 Resp: 793445

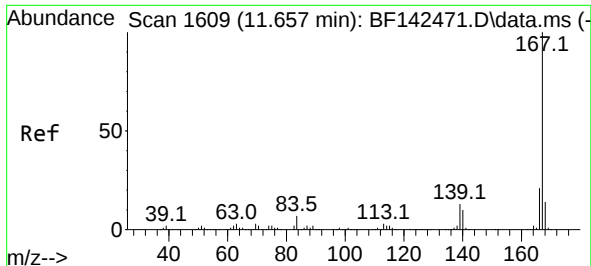
Ion Ratio Lower Upper

178 100

176 18.4 14.6 21.8

179 15.3 12.4 18.6

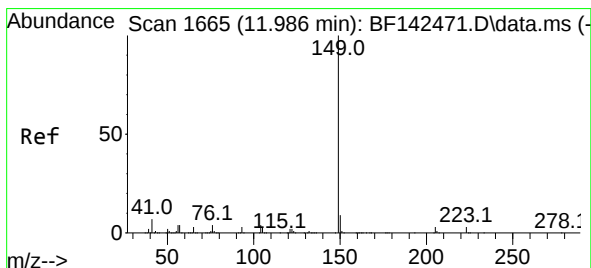
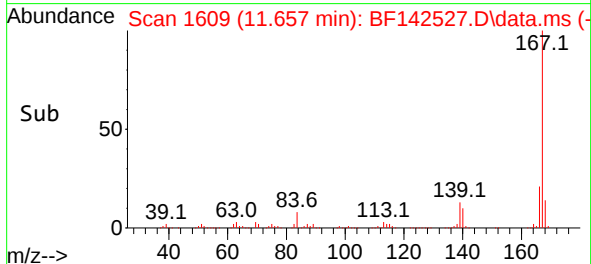
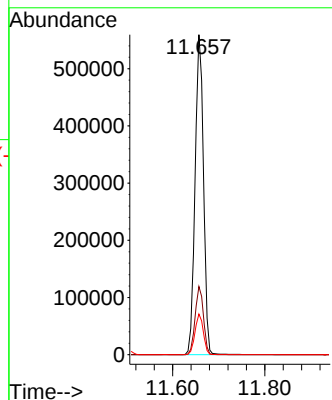
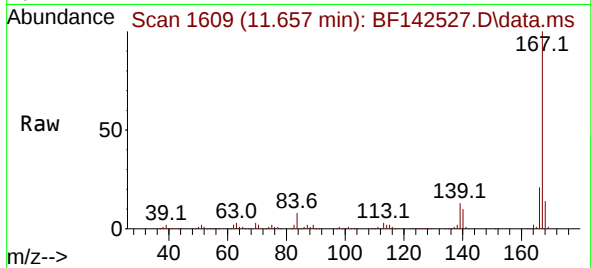




#73
 Carbazole
 Concen: 39.485 ng
 RT: 11.657 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF142527.D
 Acq: 23 May 2025 11:12

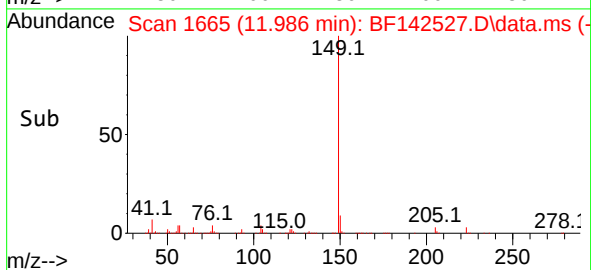
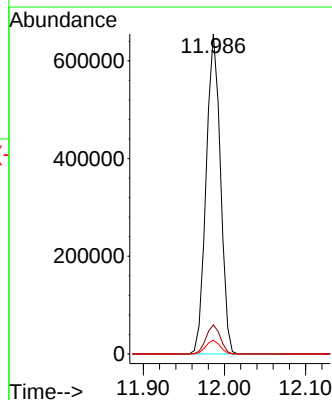
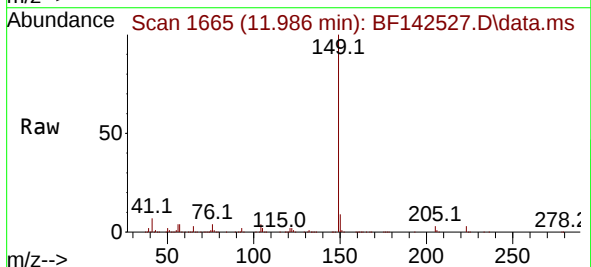
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

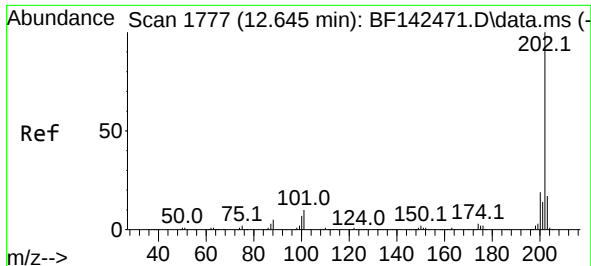
Tgt Ion:167 Resp: 705082
 Ion Ratio Lower Upper
 167 100
 166 21.3 16.9 25.3
 139 12.7 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 40.854 ng
 RT: 11.986 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF142527.D
 Acq: 23 May 2025 11:12

Tgt Ion:149 Resp: 798525
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.3 10.9
 104 4.3 3.6 5.4

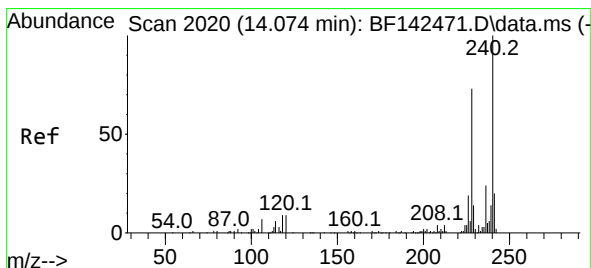
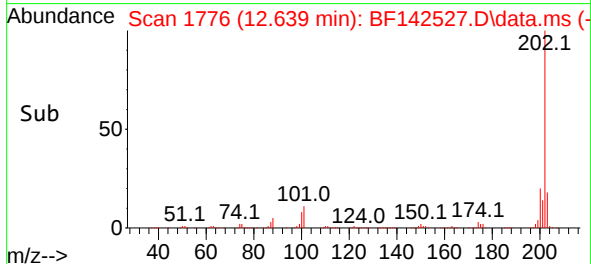
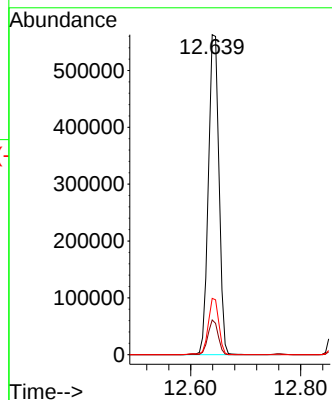
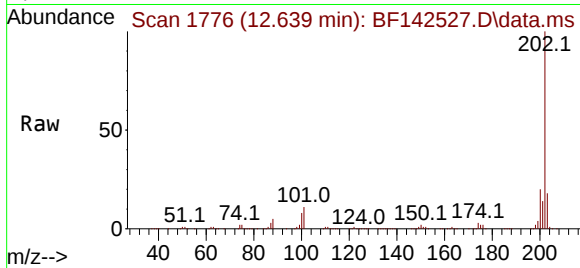




#75
Fluoranthene
Concen: 39.245 ng
RT: 12.639 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF142527.D
Acq: 23 May 2025 11:12

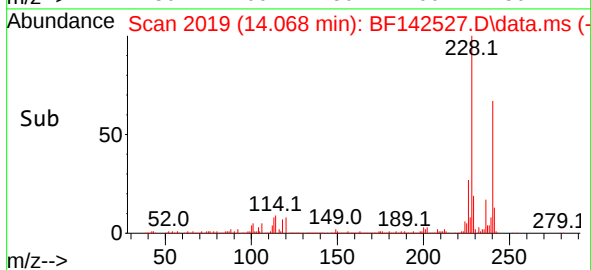
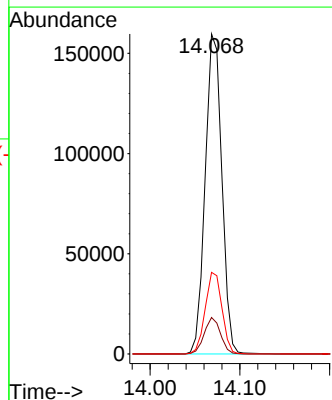
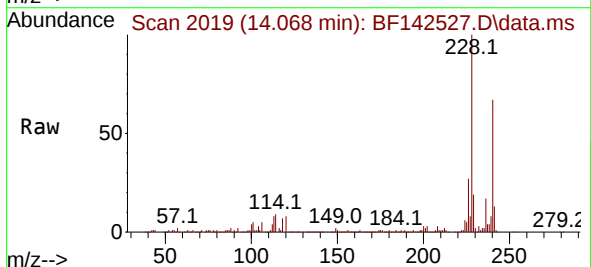
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

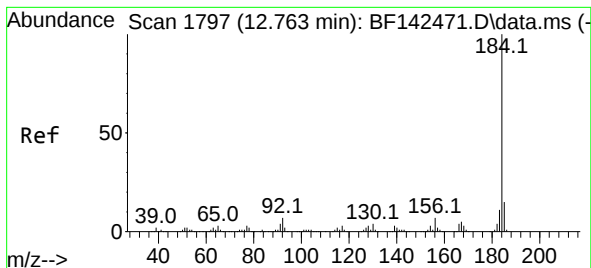
Tgt Ion:202 Resp: 750525
Ion Ratio Lower Upper
202 100
101 10.8 0.0 29.6
203 17.6 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142527.D
Acq: 23 May 2025 11:12

Tgt Ion:240 Resp: 205798
Ion Ratio Lower Upper
240 100
120 11.4 7.5 11.3#
236 25.5 19.6 29.4





#77

Benzidine

Concen: 46.730 ng

RT: 12.763 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142527.D

Acq: 23 May 2025 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

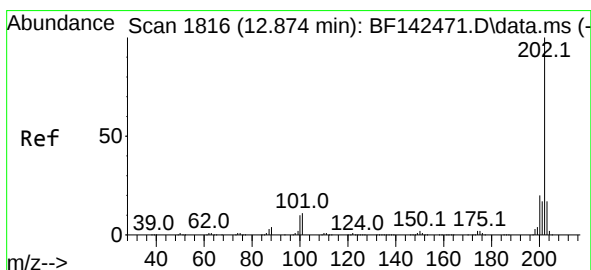
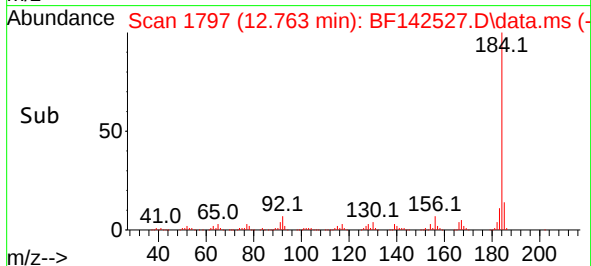
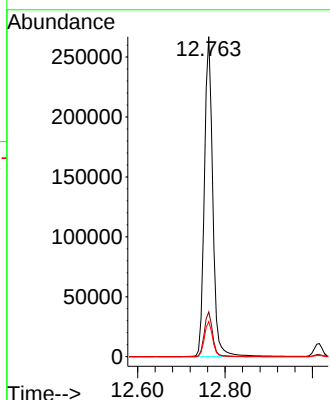
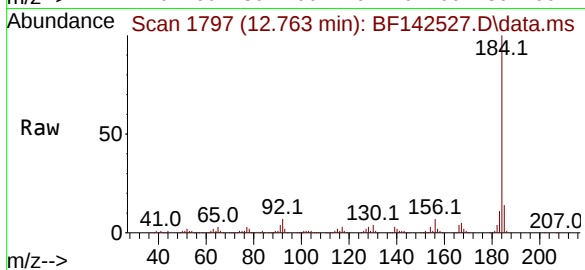
Tgt Ion:184 Resp: 357876

Ion Ratio Lower Upper

184 100

185 14.0 11.6 17.4

183 10.9 9.0 13.4



#78

Pyrene

Concen: 38.644 ng

RT: 12.874 min Scan# 1816

Delta R.T. 0.000 min

Lab File: BF142527.D

Acq: 23 May 2025 11:12

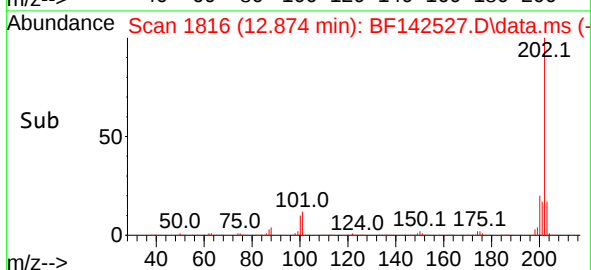
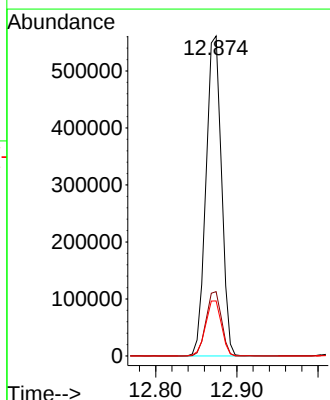
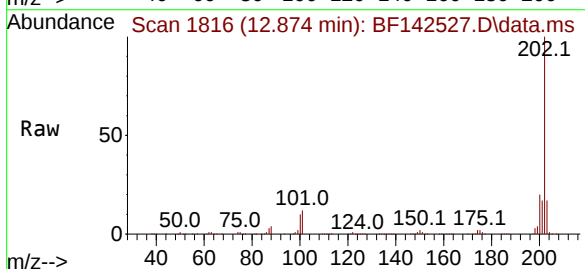
Tgt Ion:202 Resp: 741884

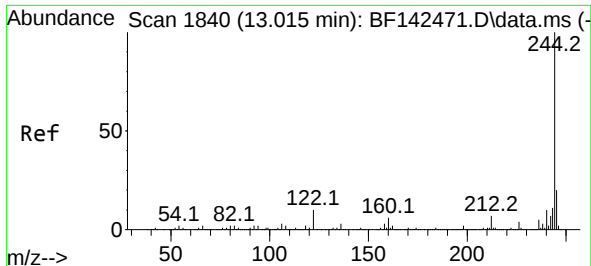
Ion Ratio Lower Upper

202 100

200 20.1 16.1 24.1

203 17.2 13.9 20.9

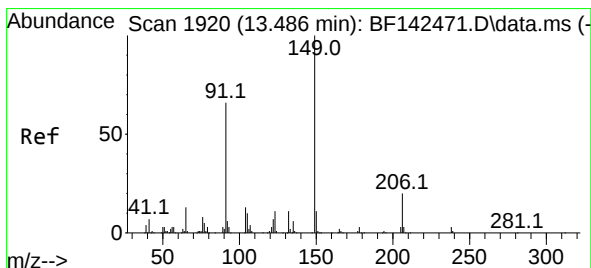
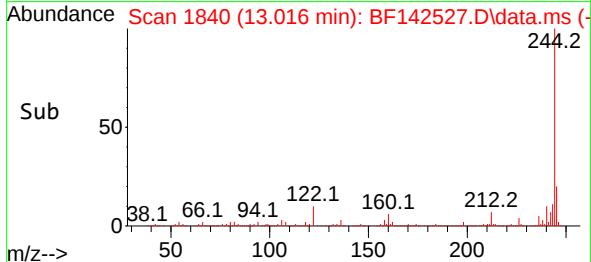
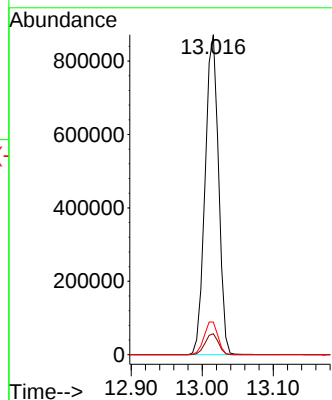
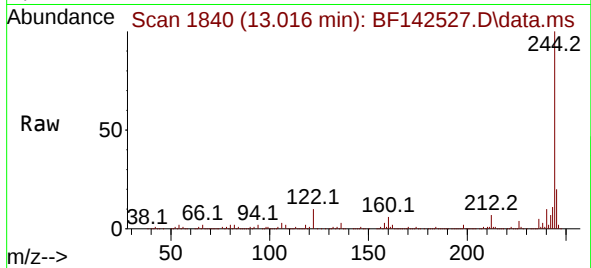




#79
 Terphenyl-d14
 Concen: 76.358 ng
 RT: 13.016 min Scan# 1840
 Delta R.T. 0.000 min
 Lab File: BF142527.D
 Acq: 23 May 2025 11:12

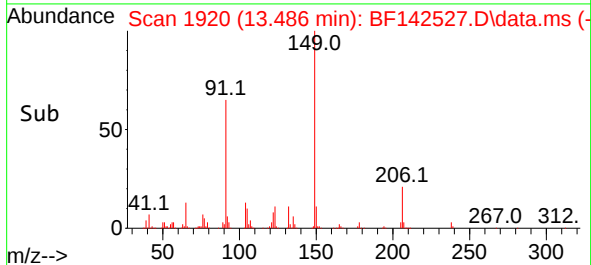
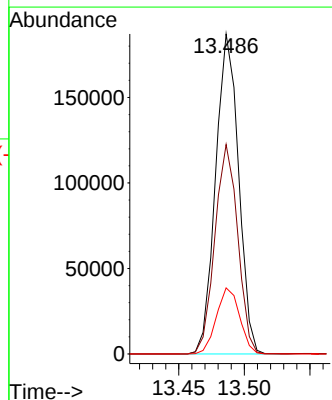
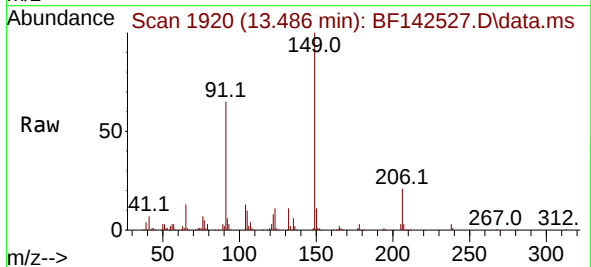
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

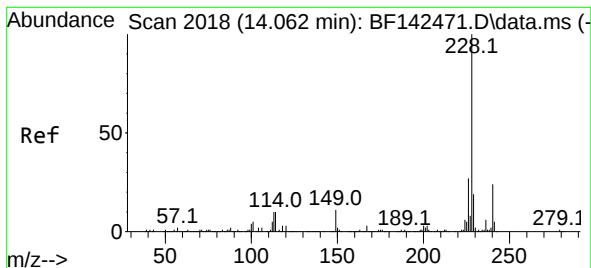
Tgt Ion:244 Resp: 1149936
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.3 7.9
 122 10.2 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 42.921 ng
 RT: 13.486 min Scan# 1920
 Delta R.T. -0.006 min
 Lab File: BF142527.D
 Acq: 23 May 2025 11:12

Tgt Ion:149 Resp: 227687
 Ion Ratio Lower Upper
 149 100
 91 65.5 52.9 79.3
 206 20.6 16.2 24.2





#81

Benzo(a)anthracene

Concen: 39.657 ng

RT: 14.057 min Scan# 2017

Delta R.T. -0.006 min

Lab File: BF142527.D

Acq: 23 May 2025 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

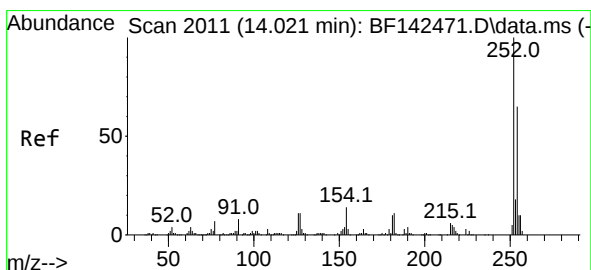
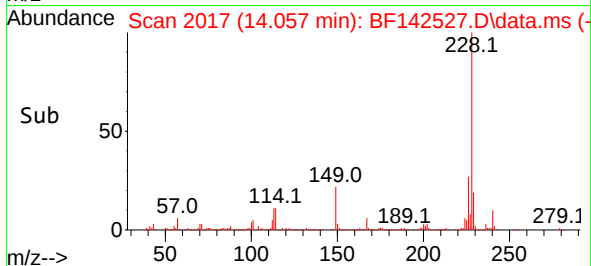
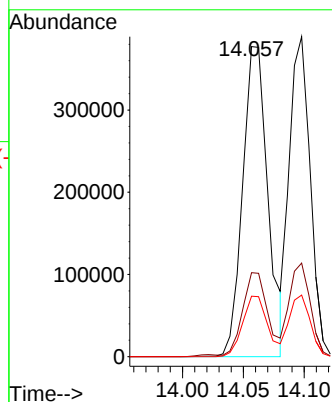
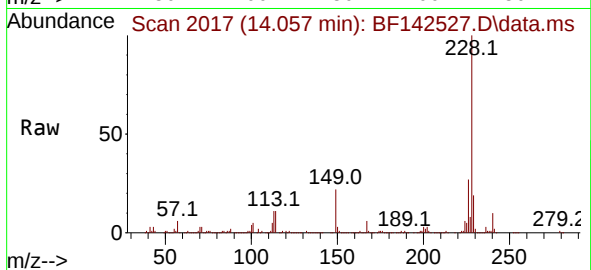
Tgt Ion:228 Resp: 544981

Ion Ratio Lower Upper

228 100

226 27.1 21.2 31.8

229 19.5 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 40.752 ng

RT: 14.021 min Scan# 2011

Delta R.T. -0.006 min

Lab File: BF142527.D

Acq: 23 May 2025 11:12

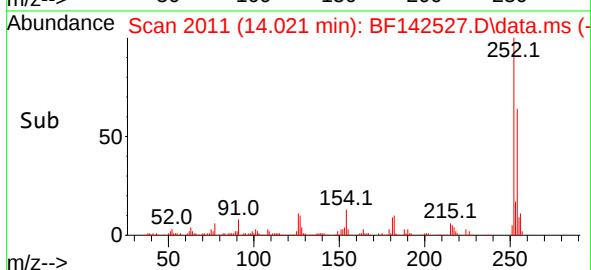
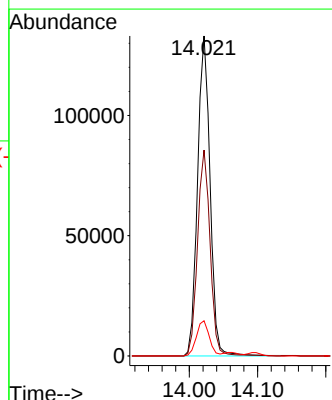
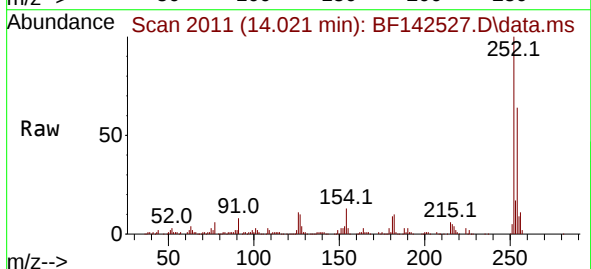
Tgt Ion:252 Resp: 169860

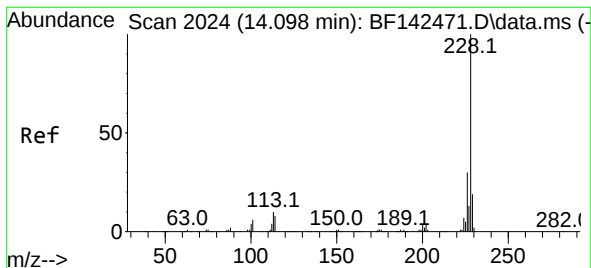
Ion Ratio Lower Upper

252 100

254 64.4 52.0 78.0

126 11.0 8.9 13.3





#83

Chrysene

Concen: 37.811 ng

RT: 14.098 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF142527.D

Acq: 23 May 2025 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

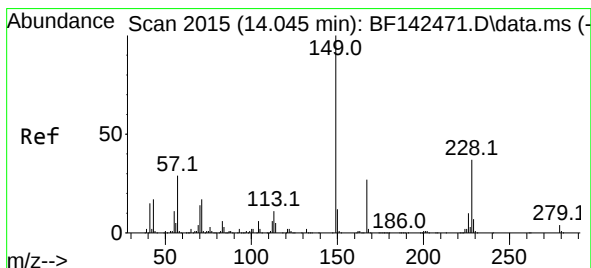
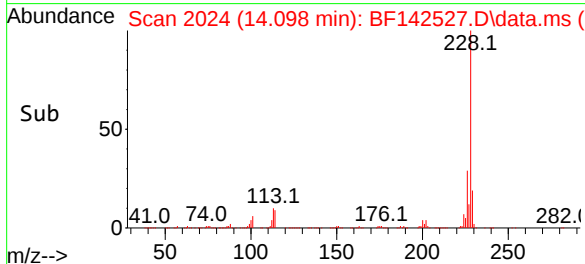
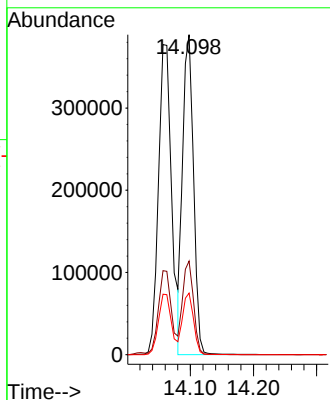
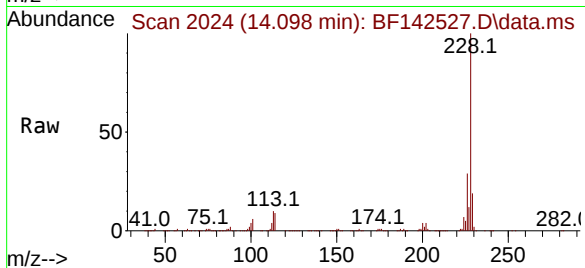
Tgt Ion:228 Resp: 466896

Ion Ratio Lower Upper

228 100

226 29.3 23.8 35.6

229 19.2 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.044 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF142527.D

Acq: 23 May 2025 11:12

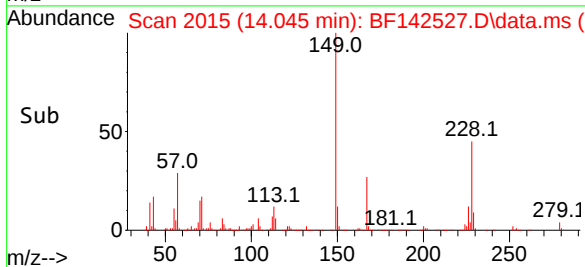
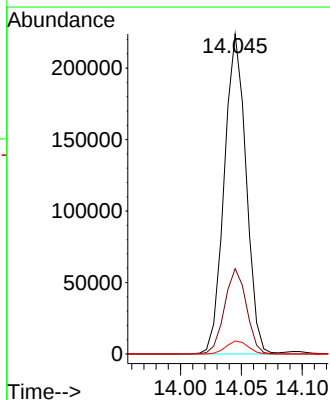
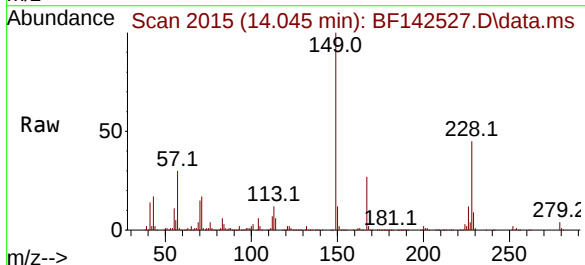
Tgt Ion:149 Resp: 278722

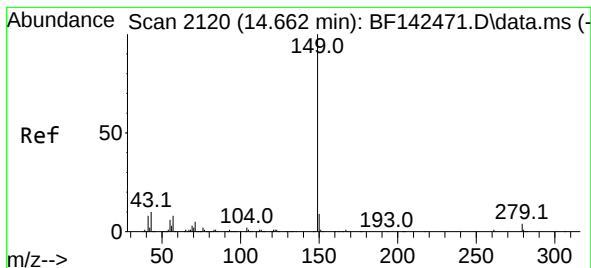
Ion Ratio Lower Upper

149 100

167 26.6 21.5 32.3

279 4.0 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 34.650 ng

RT: 14.663 min Scan# 21

Delta R.T. -0.005 min

Lab File: BF142527.D

Acq: 23 May 2025 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

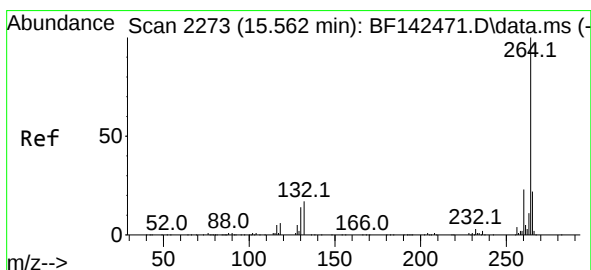
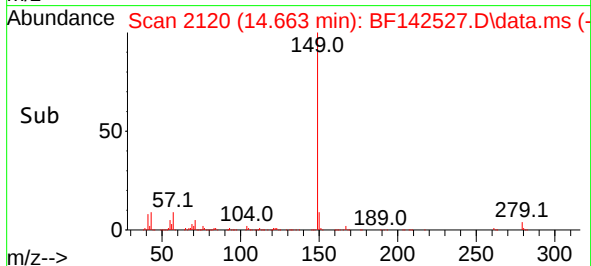
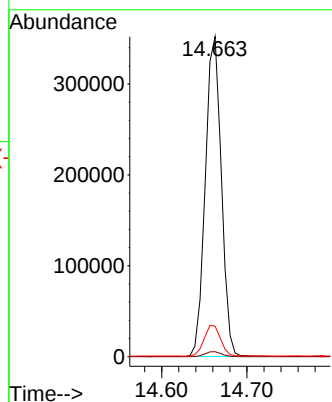
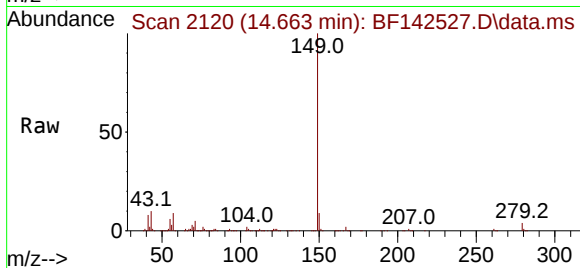
Tgt Ion:149 Resp: 460090

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.0 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.562 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF142527.D

Acq: 23 May 2025 11:12

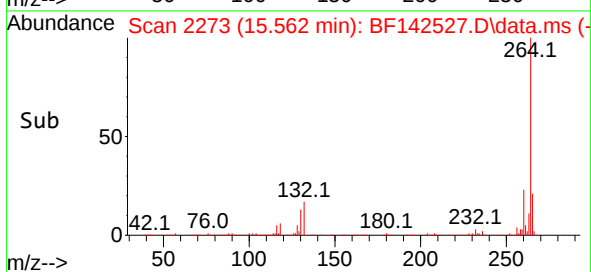
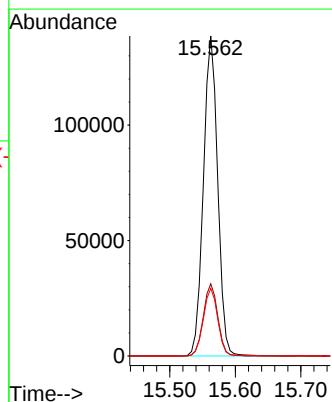
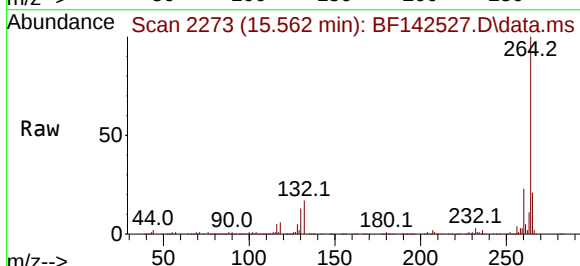
Tgt Ion:264 Resp: 210218

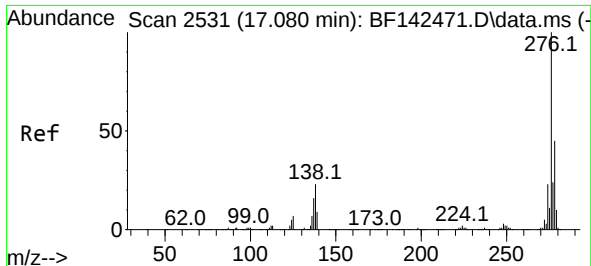
Ion Ratio Lower Upper

264 100

260 22.6 18.6 28.0

265 21.1 17.7 26.5

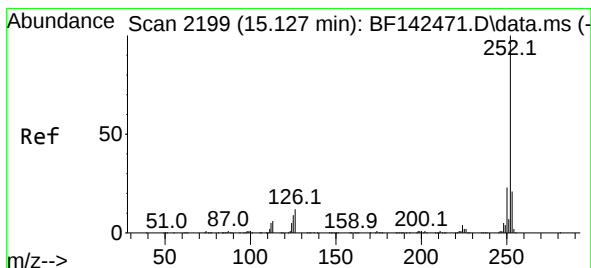
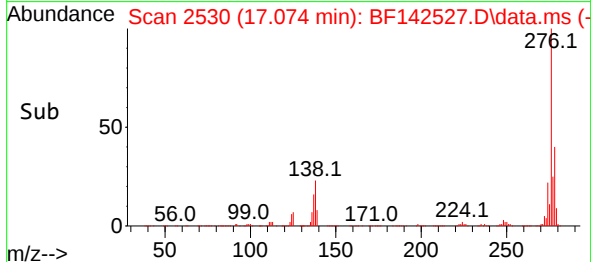
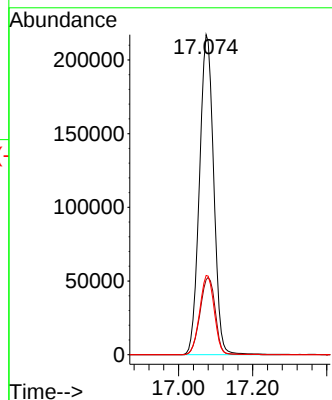
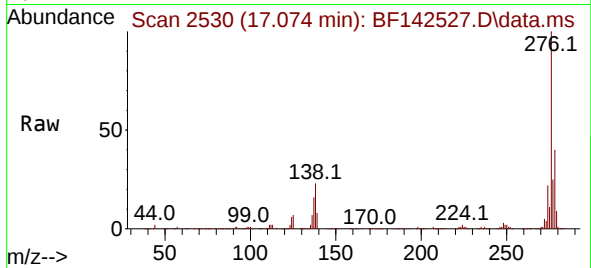




#87
Indeno(1,2,3-cd)pyrene
Concen: 36.589 ng
RT: 17.074 min Scan# 2198
Delta R.T. -0.018 min
Lab File: BF142527.D
Acq: 23 May 2025 11:12

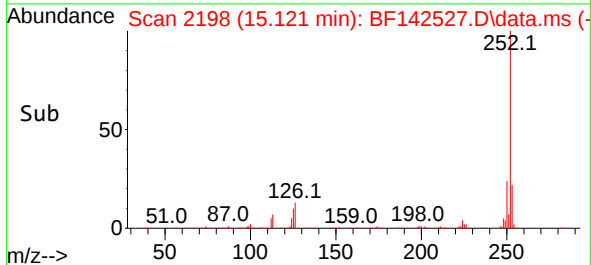
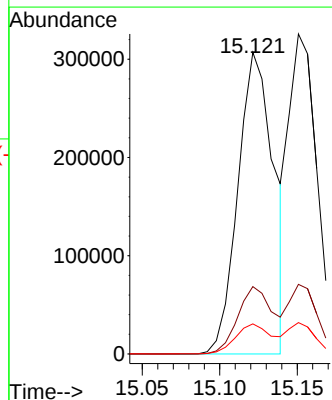
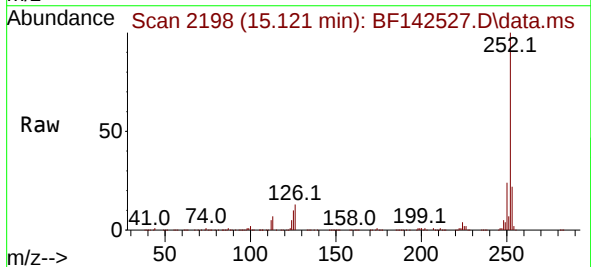
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

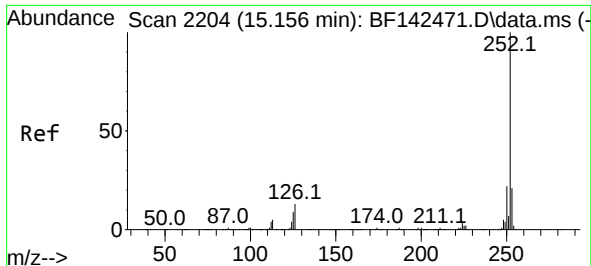
Tgt Ion:276 Resp: 577448
Ion Ratio Lower Upper
276 100
138 25.7 19.9 29.9
277 25.4 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 39.566 ng
RT: 15.121 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF142527.D
Acq: 23 May 2025 11:12

Tgt Ion:252 Resp: 492268
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.4
125 10.0 7.4 11.0

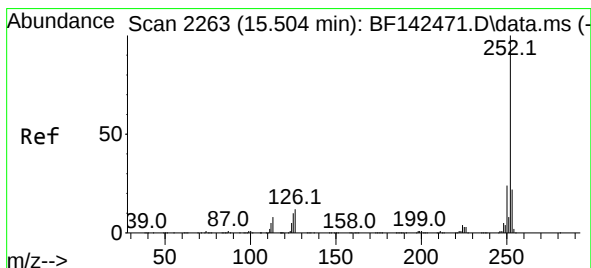
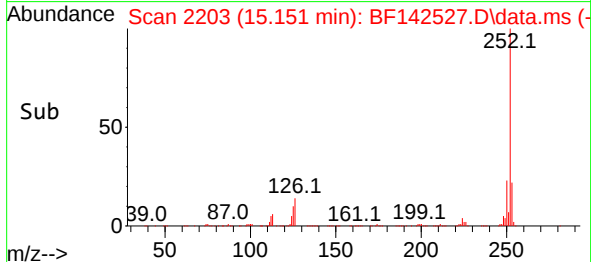
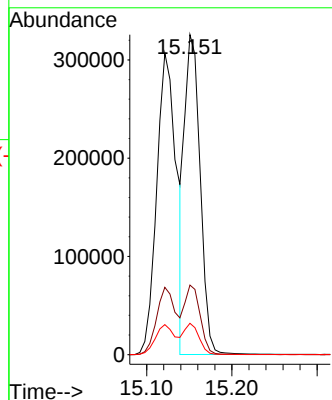
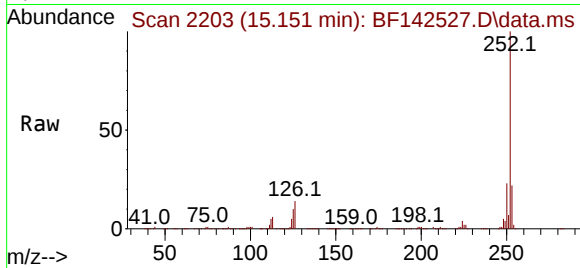




#89
Benzo(k)fluoranthene
Concen: 35.453 ng
RT: 15.151 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF142527.D
Acq: 23 May 2025 11:12

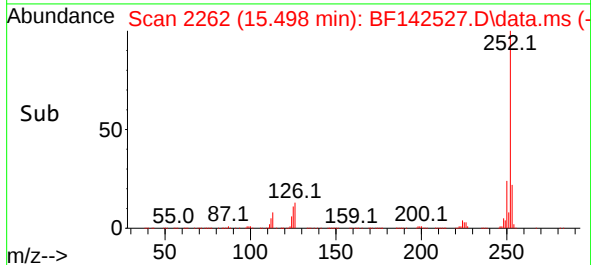
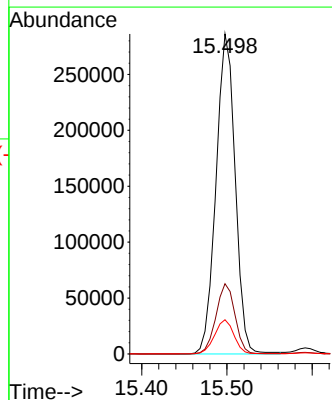
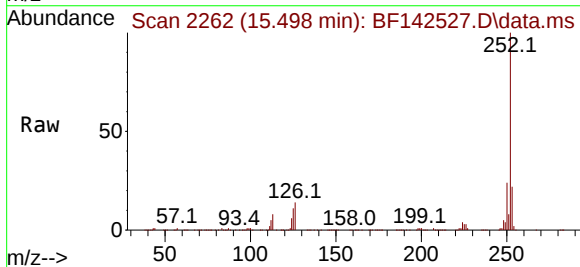
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

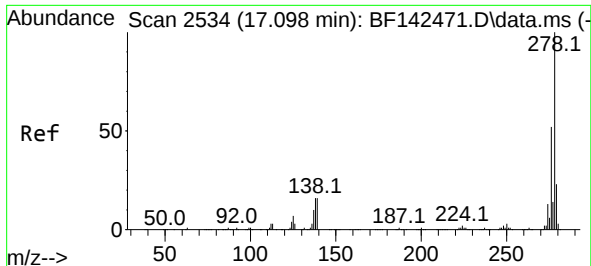
Tgt Ion:252 Resp: 413133
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.4
125 9.8 7.3 10.9



#90
Benzo(a)pyrene
Concen: 38.175 ng
RT: 15.498 min Scan# 2262
Delta R.T. -0.012 min
Lab File: BF142527.D
Acq: 23 May 2025 11:12

Tgt Ion:252 Resp: 447699
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 10.7 7.9 11.9

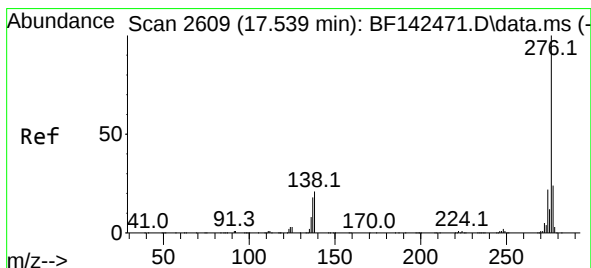
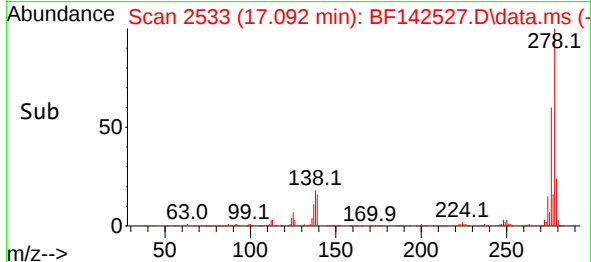
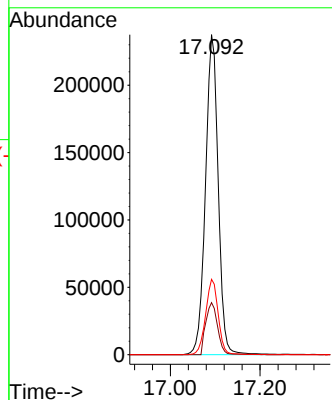
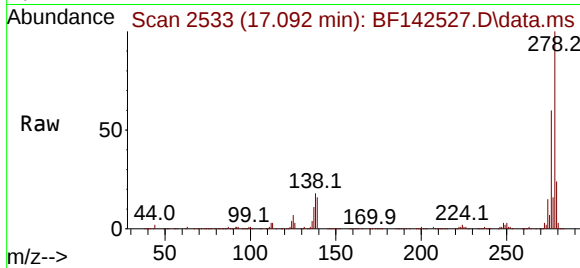




#91
Dibenzo(a,h)anthracene
Concen: 36.526 ng
RT: 17.092 min Scan# 21
Delta R.T. -0.023 min
Lab File: BF142527.D
Acq: 23 May 2025 11:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 467527
Ion Ratio Lower Upper
278 100
139 16.2 12.8 19.2
279 23.5 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 37.002 ng
RT: 17.533 min Scan# 2608
Delta R.T. -0.023 min
Lab File: BF142527.D
Acq: 23 May 2025 11:12

Tgt Ion:276 Resp: 473719
Ion Ratio Lower Upper
276 100
277 23.3 19.2 28.8
138 21.8 16.8 25.2

