

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031325\
 Data File : BF141939.D
 Acq On : 13 Mar 2025 12:17
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 13 13:05:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	198004	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	767232	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	426931	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	726402	20.000	ng	0.00
76) Chrysene-d12	14.033	240	451214	20.000	ng	0.00
86) Perylene-d12	15.504	264	394917	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	914193	77.057	ng	0.00
7) Phenol-d6	6.504	99	1145375	75.826	ng	0.00
23) Nitrobenzene-d5	7.439	82	1055101	77.391	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	432513	79.856	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	2159613	76.930	ng	0.00
79) Terphenyl-d14	12.980	244	2456339	80.485	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.681	88	195530	39.334	ng	99
3) Pyridine	3.446	79	472100	38.717	ng	99
4) n-Nitrosodimethylamine	3.399	42	226886	39.034	ng	98
6) Aniline	6.540	93	558500	37.480	ng	100
8) 2-Chlorophenol	6.663	128	505200	38.395	ng	100
9) Benzaldehyde	6.428	77	297311	35.193	ng	99
10) Phenol	6.516	94	605095	38.077	ng	100
11) bis(2-Chloroethyl)ether	6.616	93	446408	37.411	ng	99
12) 1,3-Dichlorobenzene	6.816	146	542765	38.208	ng	99
13) 1,4-Dichlorobenzene	6.892	146	551564	38.375	ng	99
14) 1,2-Dichlorobenzene	7.051	146	522830	38.620	ng	99
15) Benzyl Alcohol	7.016	79	463386	37.946	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	508939	35.329	ng	99
17) 2-Methylphenol	7.122	107	393438	37.607	ng	99
18) Hexachloroethane	7.392	117	205179	38.069	ng	95
19) n-Nitroso-di-n-propyla...	7.292	70	347590	35.812	ng	100
20) 3+4-Methylphenols	7.275	107	502037	37.464	ng	98
22) Acetophenone	7.287	105	704297	38.332	ng	99
24) Nitrobenzene	7.457	77	523612	38.634	ng	100
25) Isophorone	7.698	82	889235	36.899	ng	100
26) 2-Nitrophenol	7.775	139	263074	39.549	ng	100
27) 2,4-Dimethylphenol	7.804	122	352630	38.499	ng	100
28) bis(2-Chloroethoxy)met...	7.904	93	559932	37.044	ng	99
29) 2,4-Dichlorophenol	8.010	162	435680	38.322	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	482699	38.527	ng	99
31) Naphthalene	8.181	128	1512818	38.385	ng	100
32) Benzoic acid	7.922	122	338815	42.081	ng	99
33) 4-Chloroaniline	8.228	127	523526	37.629	ng	99
34) Hexachlorobutadiene	8.298	225	319154	39.060	ng	99
35) Caprolactam	8.598	113	131311	37.884	ng	94
36) 4-Chloro-3-methylphenol	8.698	107	479000	37.769	ng	100
37) 2-Methylnaphthalene	8.869	142	1002209	38.045	ng	100
38) 1-Methylnaphthalene	8.969	142	966389	38.016	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	506575	38.972	ng	98
41) Hexachlorocyclopentadiene	9.022	237	213556	41.981	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	335717	39.520	ng	100

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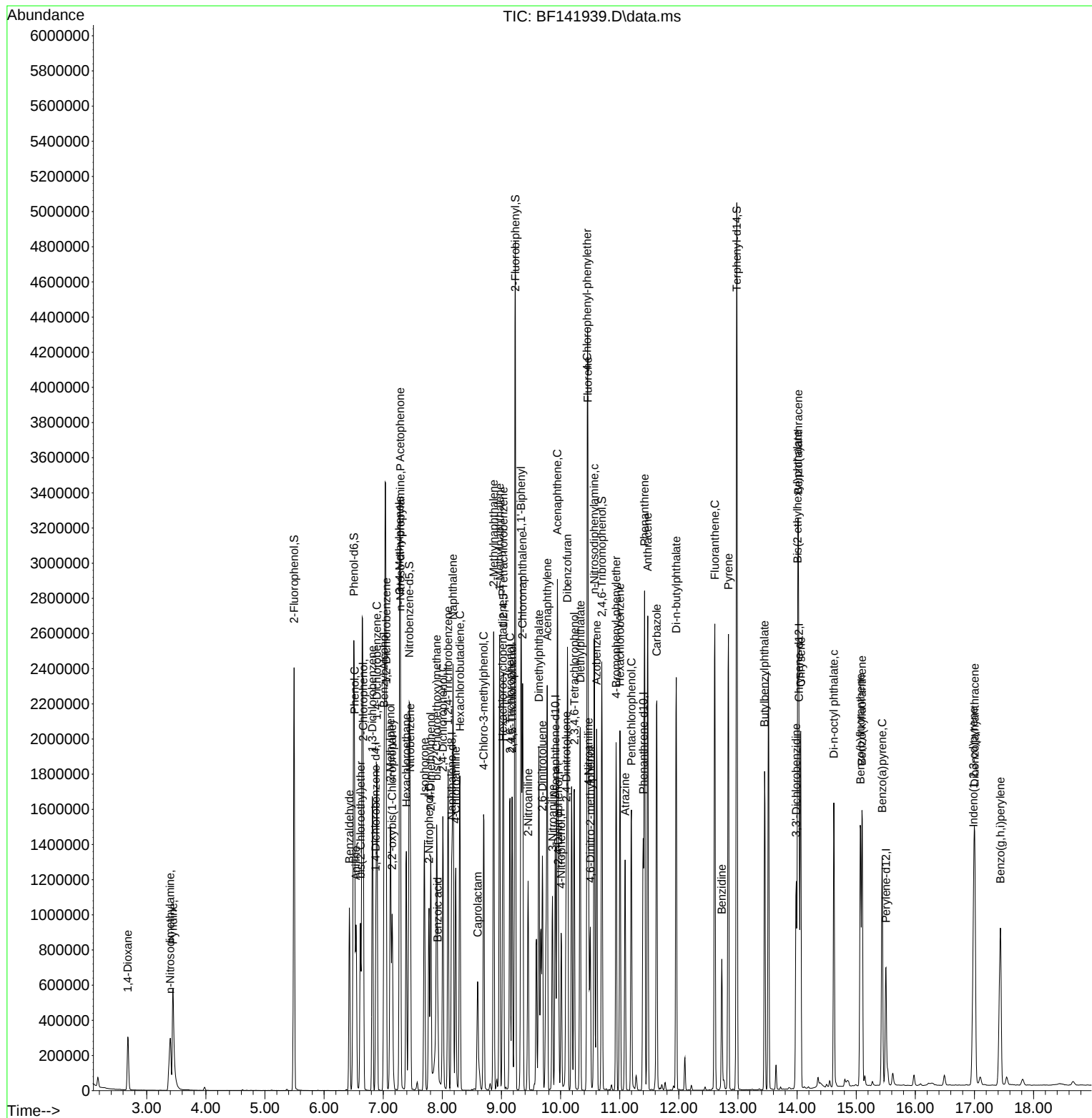
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	335620	39.009	ng	100
46) 1,1'-Biphenyl	9.333	154	1256074	38.721	ng	100
47) 2-Chloronaphthalene	9.357	162	946087	39.130	ng	99
48) 2-Nitroaniline	9.451	65	273545	39.074	ng	100
49) Acenaphthylene	9.775	152	1399495	39.005	ng	100
50) Dimethylphthalate	9.633	163	1139250	38.106	ng	100
51) 2,6-Dinitrotoluene	9.692	165	243366	39.096	ng	97
52) Acenaphthene	9.945	154	991587	39.326	ng	99
53) 3-Nitroaniline	9.863	138	243288	38.530	ng	99
54) 2,4-Dinitrophenol	9.963	184	132695	41.009	ng	88
55) Dibenzofuran	10.116	168	1389049	38.554	ng	99
56) 4-Nitrophenol	10.010	139	196664	41.301	ng	100
57) 2,4-Dinitrotoluene	10.098	165	318648	39.193	ng	98
58) Fluorene	10.463	166	1061221	38.195	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	310873	39.708	ng	98
60) Diethylphthalate	10.333	149	1134119	38.044	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	559798	38.646	ng	98
62) 4-Nitroaniline	10.475	138	242993	39.528	ng	99
63) Azobenzene	10.610	77	1050098	37.888	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	181277	41.862	ng	99
66) n-Nitrosodiphenylamine	10.569	169	906795	38.576	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	355291	38.946	ng	100
68) Hexachlorobenzene	11.004	284	395519	39.530	ng	99
69) Atrazine	11.092	200	238990	33.164	ng	99
70) Pentachlorophenol	11.198	266	261878	42.480	ng	100
71) Phenanthrene	11.422	178	1501673	38.274	ng	99
72) Anthracene	11.475	178	1507154	38.288	ng	100
73) Carbazole	11.627	167	1302310	38.363	ng	100
74) Di-n-butylphthalate	11.957	149	1710894	37.983	ng	99
75) Fluoranthene	12.610	202	1559838	37.478	ng	99
77) Benzidine	12.727	184	397420	63.130	ng	99
78) Pyrene	12.839	202	1536542	39.368	ng	99
80) Butylbenzylphthalate	13.451	149	585688	38.339	ng	99
81) Benzo(a)anthracene	14.021	228	1129185	38.137	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	353908	41.361	ng	99
83) Chrysene	14.063	228	1052493	39.214	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	770893	36.599	ng	100
85) Di-n-octyl phthalate	14.621	149	1091714	37.251	ng	99
87) Indeno(1,2,3-cd)pyrene	16.986	276	1036676	40.580	ng	98
88) Benzo(b)fluoranthene	15.074	252	995633	36.786	ng	99
89) Benzo(k)fluoranthene	15.098	252	862161	37.223	ng	100
90) Benzo(a)pyrene	15.439	252	809840	38.240	ng	100
91) Dibenzo(a,h)anthracene	17.004	278	863026	40.945	ng	99
92) Benzo(g,h,i)perylene	17.439	276	863842	41.473	ng	98

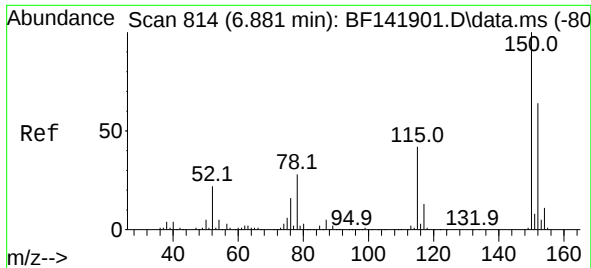
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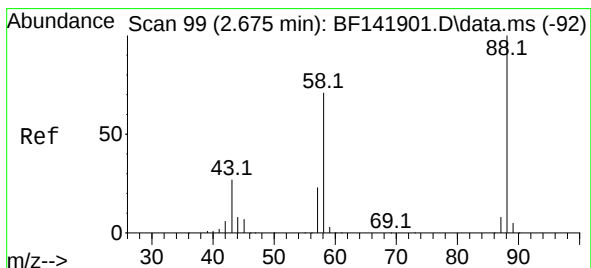
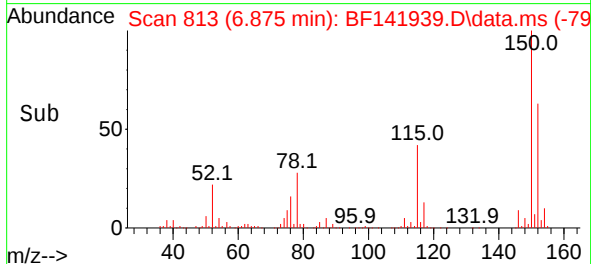
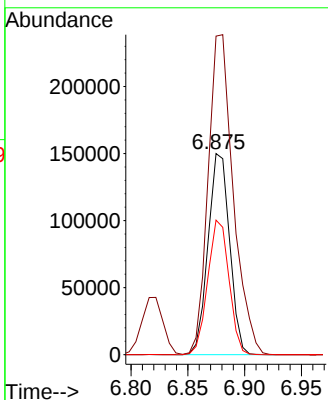
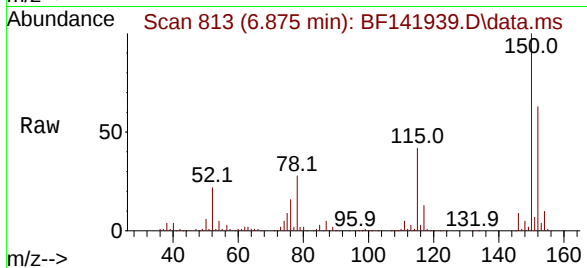




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141939.D
Acq: 13 Mar 2025 12:17

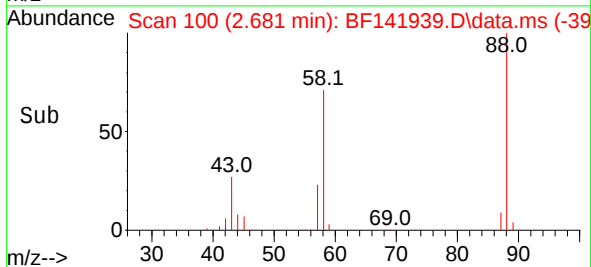
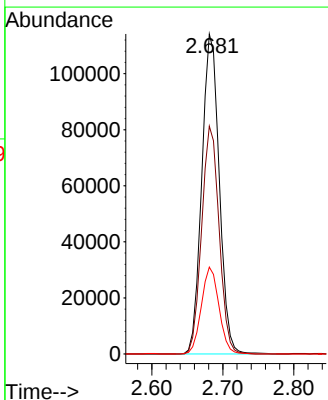
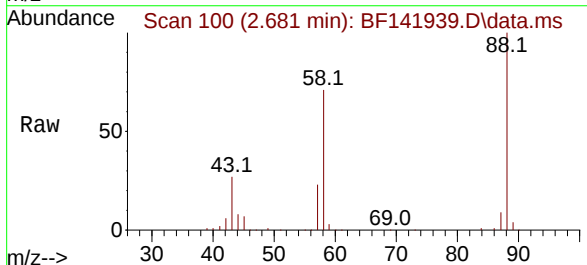
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ClientSampleId :
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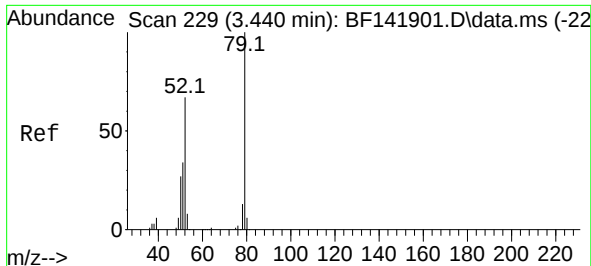
Tgt Ion:152 Resp: 198004
Ion Ratio Lower Upper
152 100
150 158.4 127.4 191.2
115 66.9 51.9 77.9



#2
1,4-Dioxane
Concen: 39.334 ng
RT: 2.681 min Scan# 100
Delta R.T. 0.006 min
Lab File: BF141939.D
Acq: 13 Mar 2025 12:17

Tgt Ion: 88 Resp: 195530
Ion Ratio Lower Upper
88 100
58 70.9 57.4 86.2
43 27.3 21.5 32.3

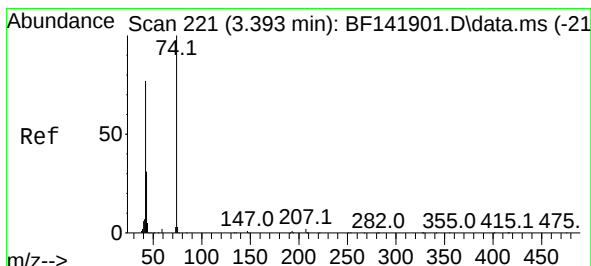
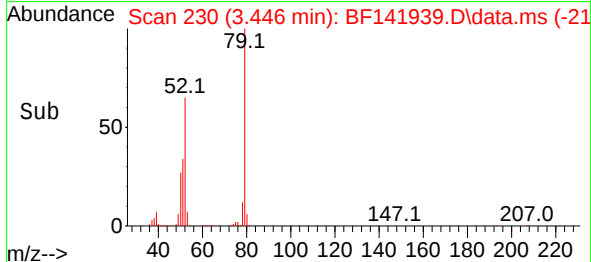
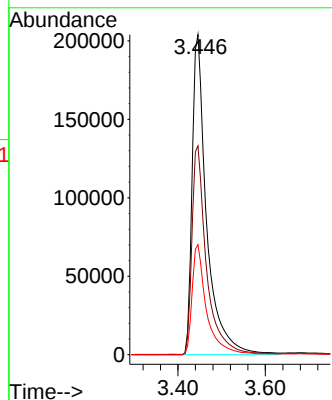
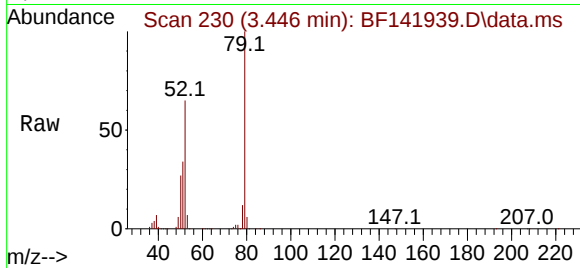




#3
Pyridine
Concen: 38.717 ng
RT: 3.446 min Scan# 241
Delta R.T. 0.006 min
Lab File: BF141939.D
Acq: 13 Mar 2025 12:17

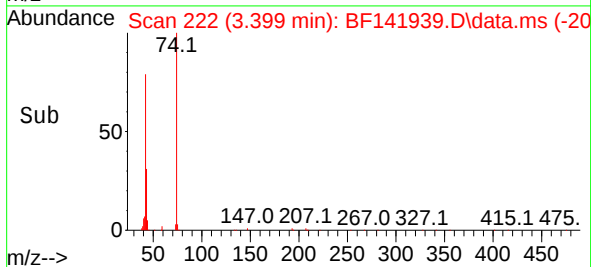
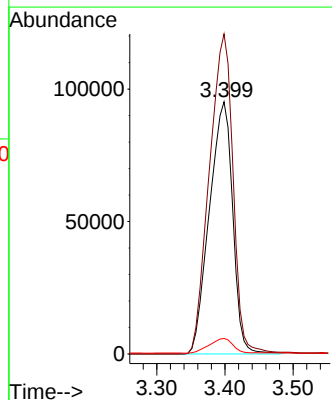
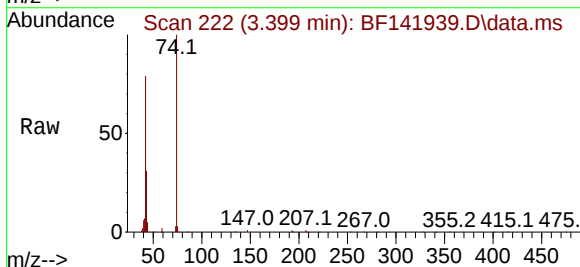
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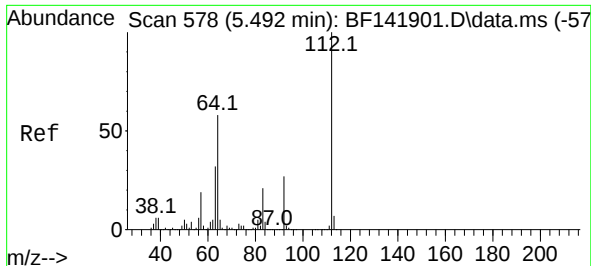
Tgt Ion: 79 Resp: 472100
Ion Ratio Lower Upper
79 100
52 65.2 53.3 79.9
51 34.4 27.6 41.4



#4
n-Nitrosodimethylamine
Concen: 39.034 ng
RT: 3.399 min Scan# 222
Delta R.T. 0.006 min
Lab File: BF141939.D
Acq: 13 Mar 2025 12:17

Tgt Ion: 42 Resp: 226886
Ion Ratio Lower Upper
42 100
74 126.9 103.4 155.0
44 6.2 5.0 7.4

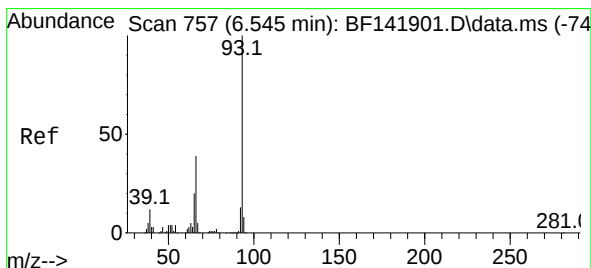
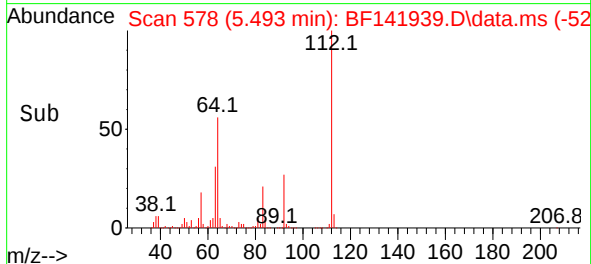
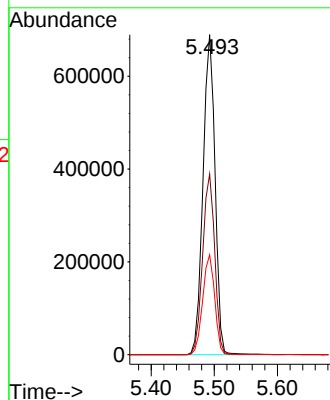
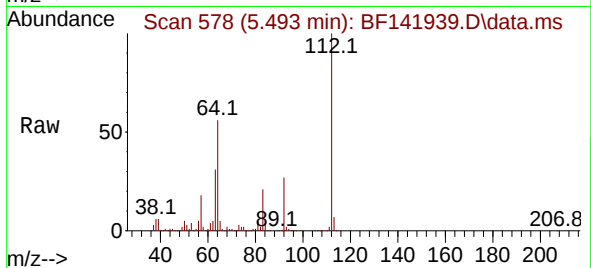




#5
2-Fluorophenol
Concen: 77.057 ng
RT: 5.493 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF141939.D
Acq: 13 Mar 2025 12:17

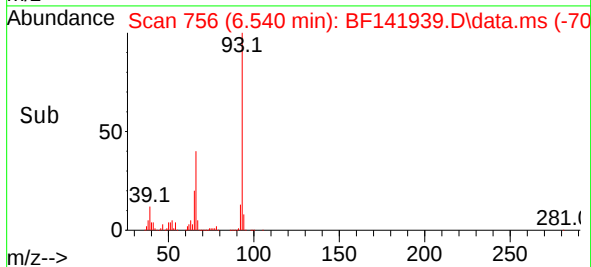
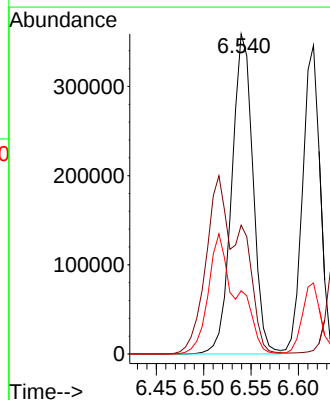
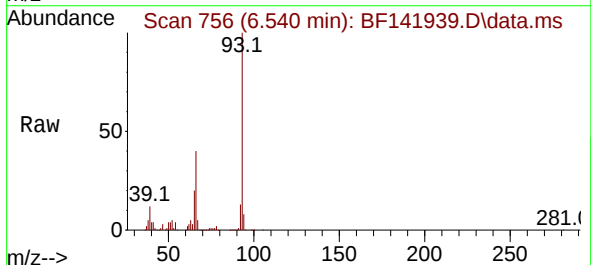
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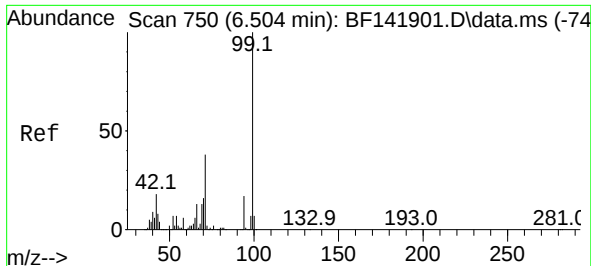
Tgt Ion:112 Resp: 914193
Ion Ratio Lower Upper
112 100
64 56.5 46.5 69.7
63 31.2 25.4 38.2



#6
Aniline
Concen: 37.480 ng
RT: 6.540 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF141939.D
Acq: 13 Mar 2025 12:17

Tgt Ion: 93 Resp: 558500
Ion Ratio Lower Upper
93 100
66 40.2 31.9 47.9
65 19.7 15.8 23.6

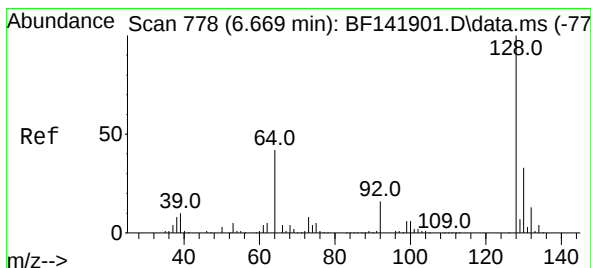
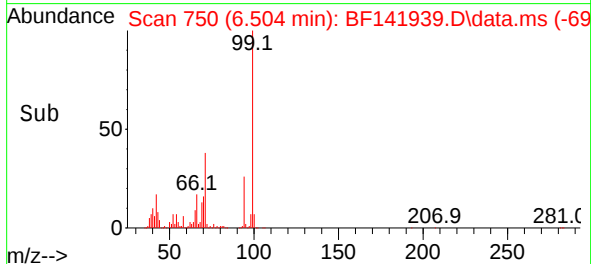
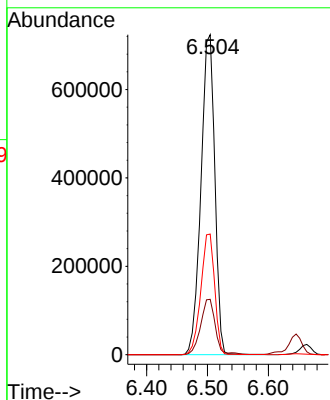
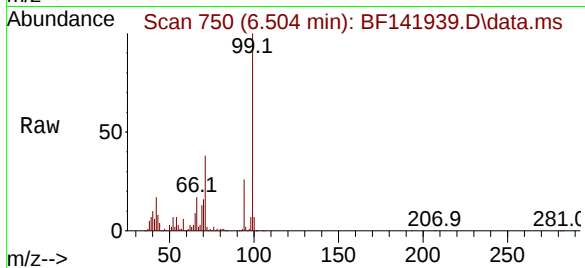




#7
Phenol-d6
Concen: 75.826 ng
RT: 6.504 min Scan# 714
Delta R.T. 0.000 min
Lab File: BF141939.D
Acq: 13 Mar 2025 12:17

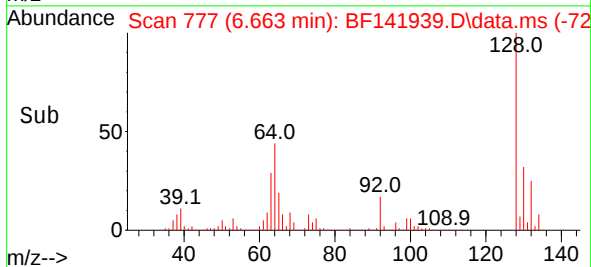
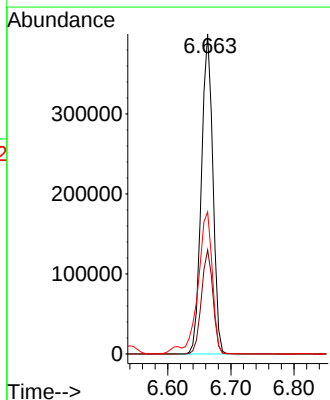
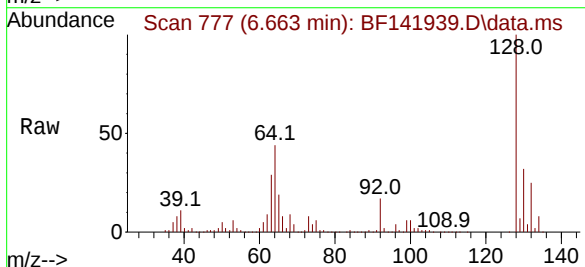
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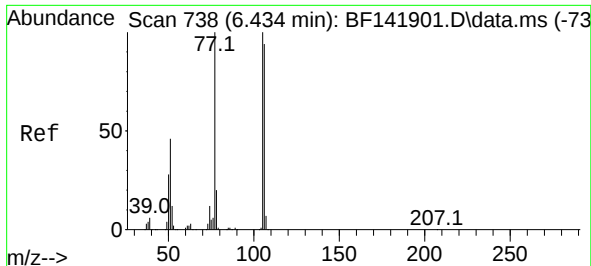
Tgt Ion: 99 Resp: 1145375
Ion Ratio Lower Upper
99 100
42 17.3 14.6 21.8
71 37.7 30.8 46.2



#8
2-Chlorophenol
Concen: 38.395 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.006 min
Lab File: BF141939.D
Acq: 13 Mar 2025 12:17

Tgt Ion:128 Resp: 505200
Ion Ratio Lower Upper
128 100
130 32.5 12.8 52.8
64 44.4 24.4 64.4

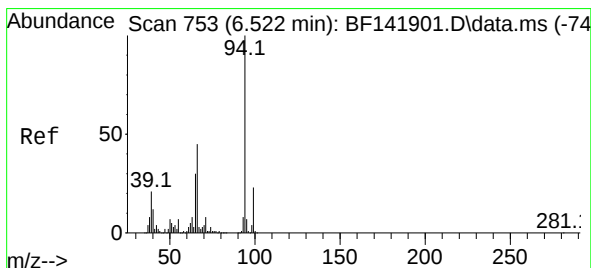
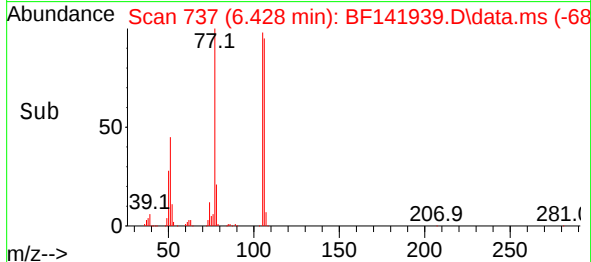
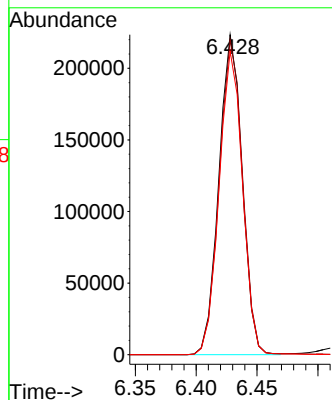
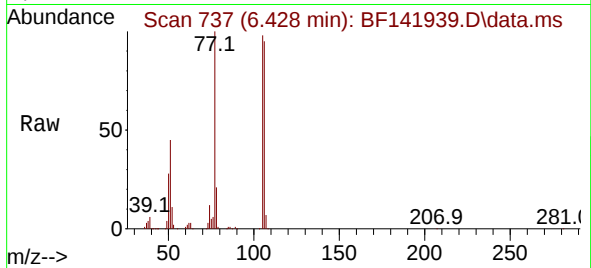




#9
Benzaldehyde
Concen: 35.193 ng
RT: 6.428 min Scan# 741
Delta R.T. -0.006 min
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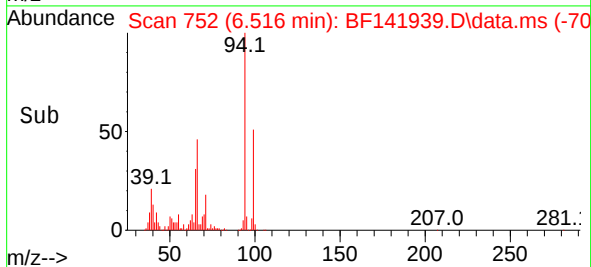
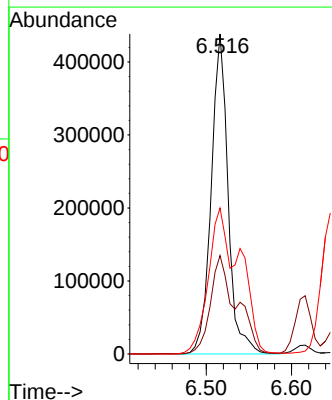
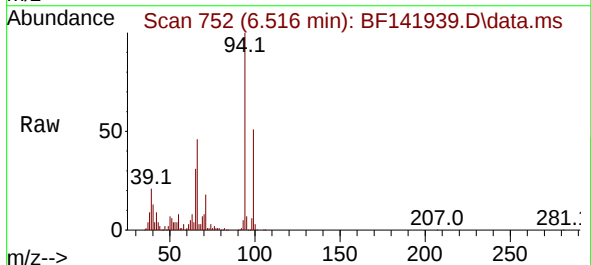
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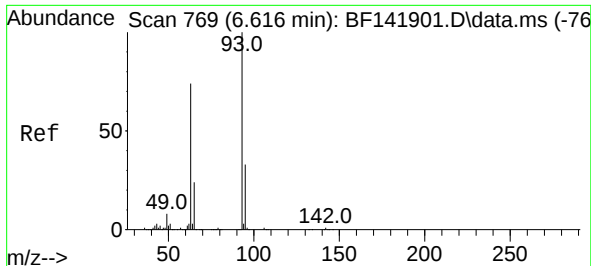
Tgt Ion: 77 Resp: 297311
Ion Ratio Lower Upper
77 100
105 98.3 80.0 120.0
106 94.8 74.5 114.5



#10
Phenol
Concen: 38.077 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF141939.D
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Tgt Ion: 94 Resp: 605095
Ion Ratio Lower Upper
94 100
65 30.7 10.5 50.5
66 45.6 25.8 65.8





#11

bis(2-Chloroethyl)ether

Concen: 37.411 ng

RT: 6.616 min Scan# 769

Delta R.T. 0.000 min

Lab File: BF141939.D

Acq: 13 Mar 2025 12:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

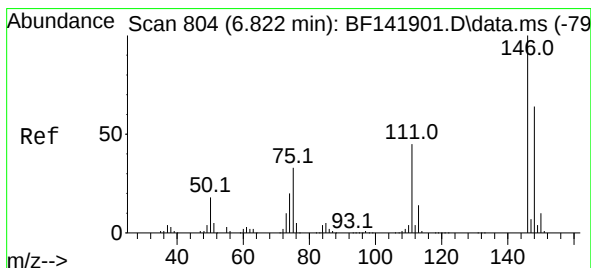
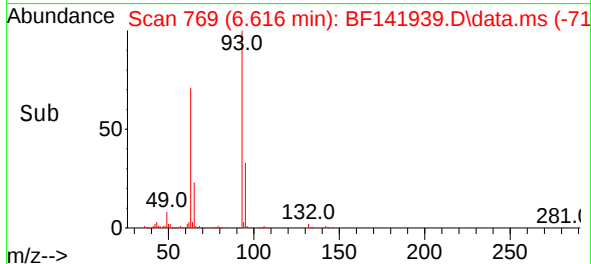
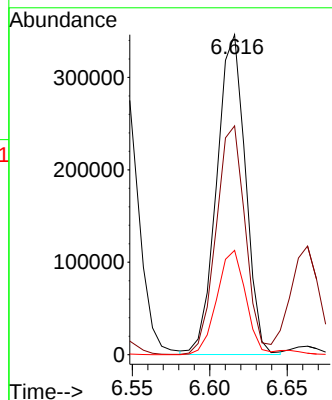
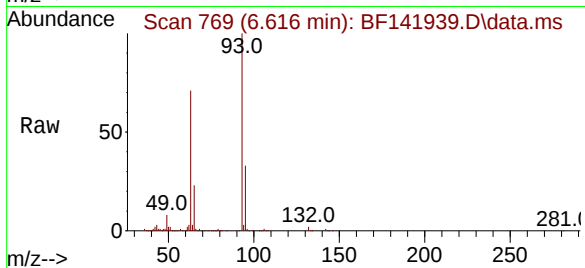
Tgt Ion: 93 Resp: 446408

Ion Ratio Lower Upper

93 100

63 71.5 53.0 93.0

95 32.6 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 38.208 ng

RT: 6.816 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF141939.D

Acq: 13 Mar 2025 12:17

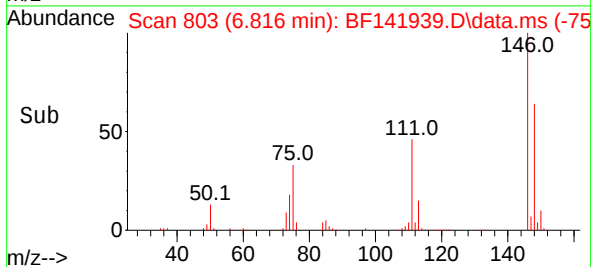
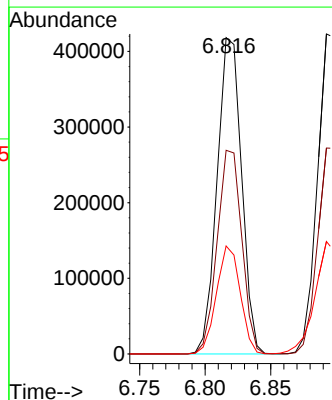
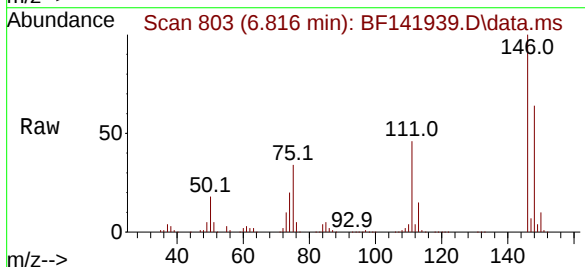
Tgt Ion:146 Resp: 542765

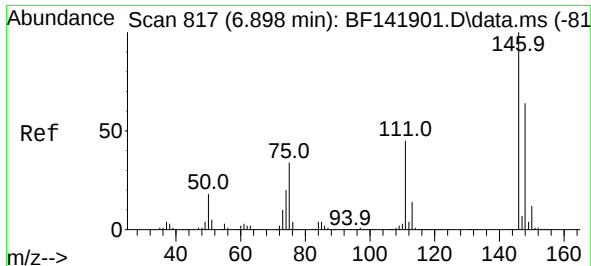
Ion Ratio Lower Upper

146 100

148 64.4 51.3 76.9

75 34.2 26.6 40.0





#13

1,4-Dichlorobenzene

Concen: 38.375 ng

RT: 6.892 min Scan# 817

Delta R.T. -0.006 min

Lab File: BF141939.D

Acq: 13 Mar 2025 12:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

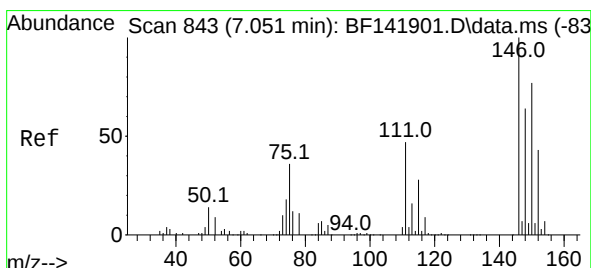
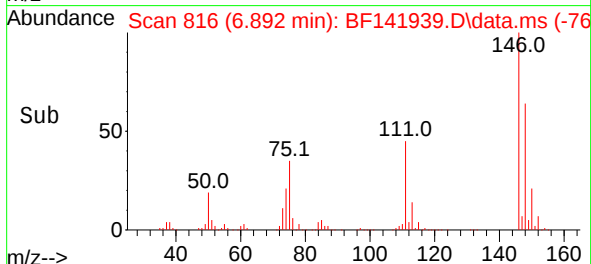
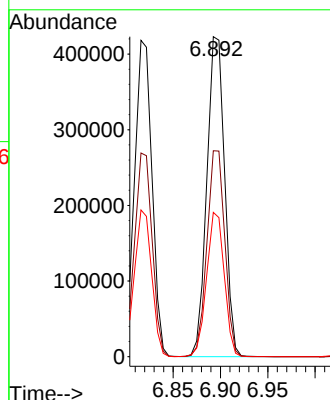
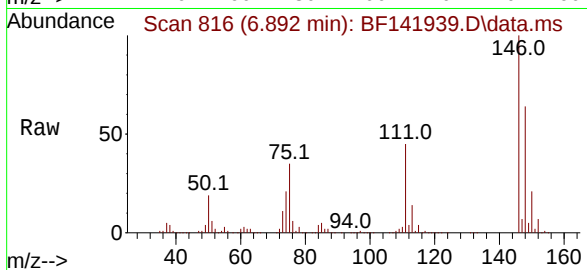
Tgt Ion:146 Resp: 551564

Ion Ratio Lower Upper

146 100

148 64.3 51.0 76.6

111 45.1 35.7 53.5



#14

1,2-Dichlorobenzene

Concen: 38.620 ng

RT: 7.051 min Scan# 843

Delta R.T. 0.000 min

Lab File: BF141939.D

Acq: 13 Mar 2025 12:17

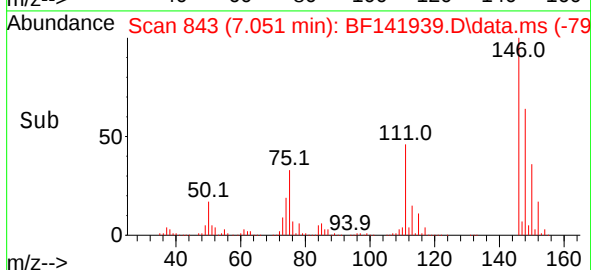
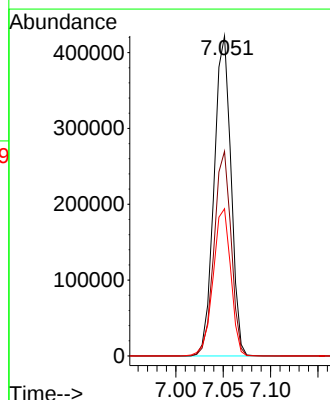
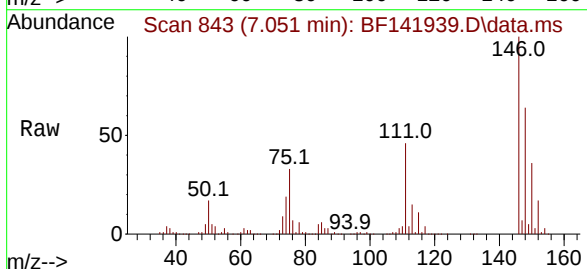
Tgt Ion:146 Resp: 522830

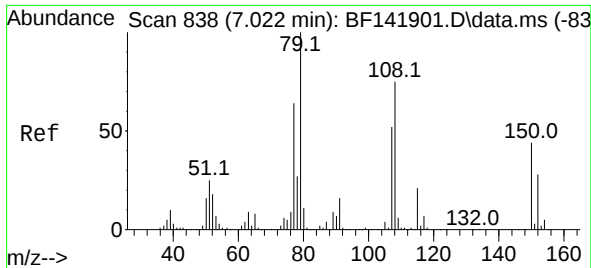
Ion Ratio Lower Upper

146 100

148 63.9 50.8 76.2

111 46.0 38.0 57.0





#15

Benzyl Alcohol

Concen: 37.946 ng

RT: 7.016 min Scan# 841

Delta R.T. -0.006 min

Lab File: BF141939.D

Acq: 13 Mar 2025 12:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

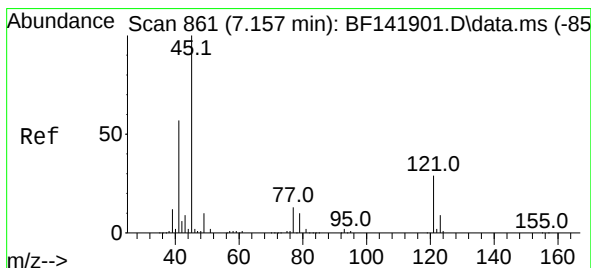
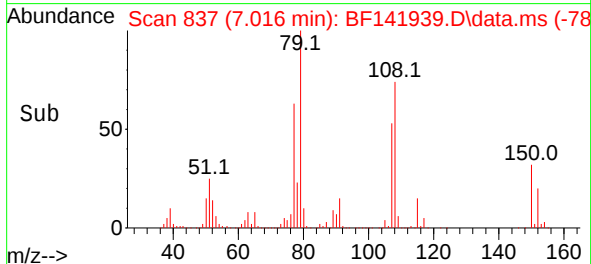
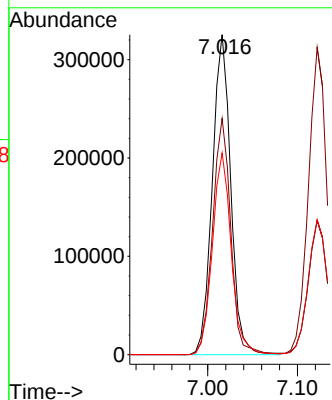
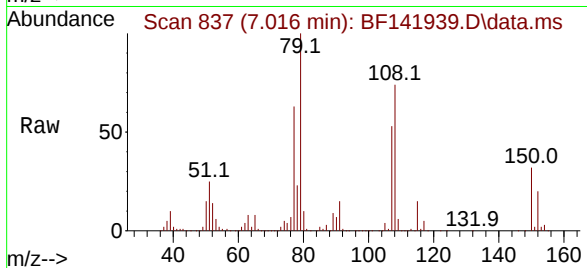
Tgt Ion: 79 Resp: 463386

Ion Ratio Lower Upper

79 100

108 73.8 59.7 89.5

77 63.0 51.0 76.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.329 ng

RT: 7.151 min Scan# 860

Delta R.T. -0.006 min

Lab File: BF141939.D

Acq: 13 Mar 2025 12:17

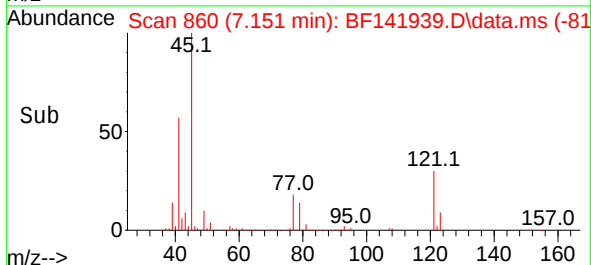
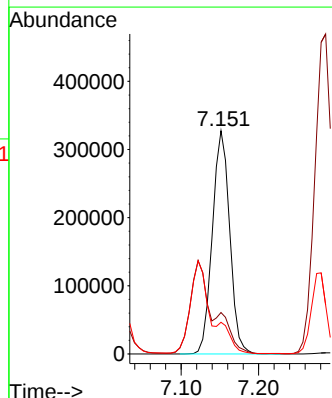
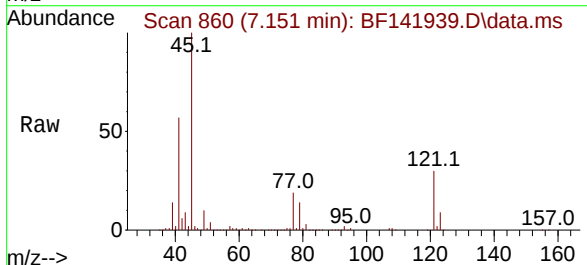
Tgt Ion: 45 Resp: 508939

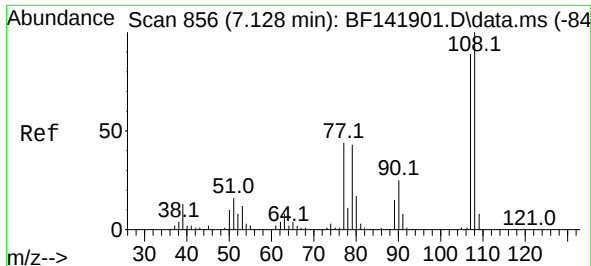
Ion Ratio Lower Upper

45 100

77 18.6 0.0 37.8

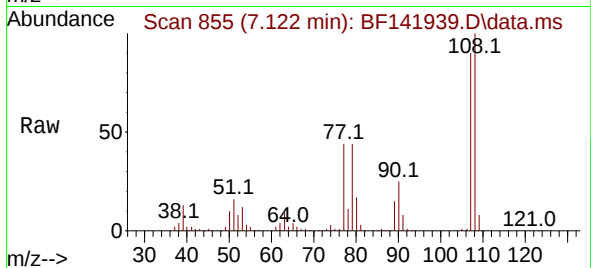
79 14.2 0.0 34.2



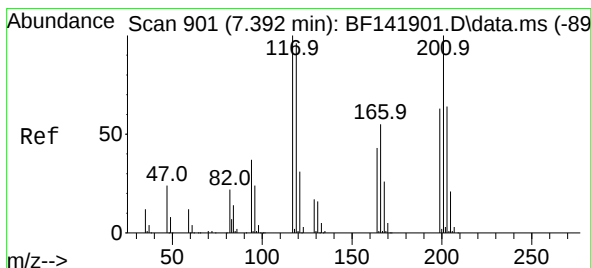
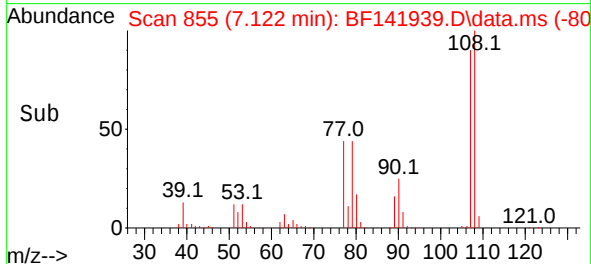
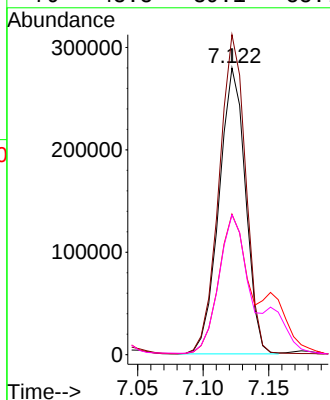


#17
2-Methylphenol
Concen: 37.607 ng
RT: 7.122 min Scan# 856
Delta R.T. -0.006 min
Lab File: BF141939.D
Acq: 13 Mar 2025 12:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

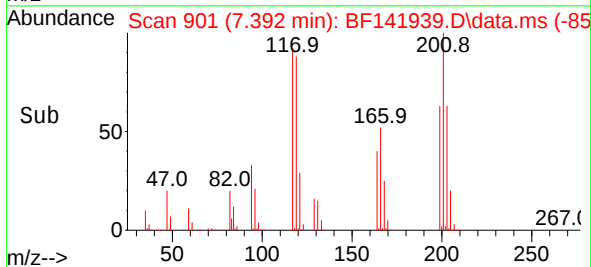
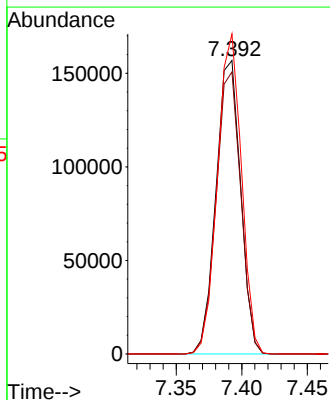
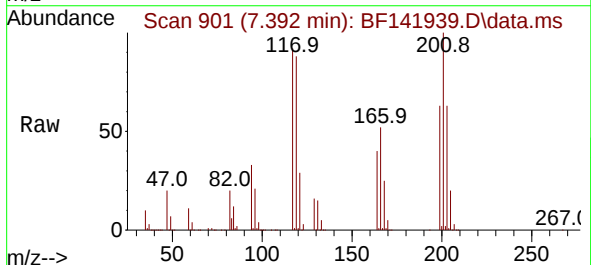


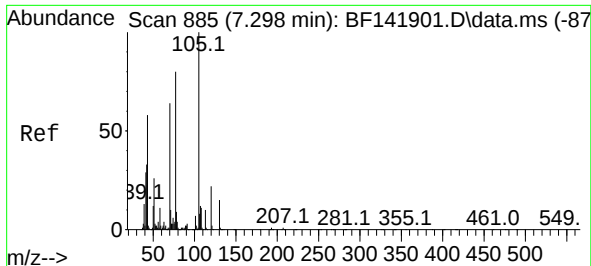
Tgt Ion:107 Resp: 393438
Ion Ratio Lower Upper
107 100
108 111.6 90.2 135.2
77 49.0 39.6 59.4
79 48.8 39.1 58.7



#18
Hexachloroethane
Concen: 38.069 ng
RT: 7.392 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF141939.D
Acq: 13 Mar 2025 12:17

Tgt Ion:117 Resp: 205179
Ion Ratio Lower Upper
117 100
119 96.1 76.9 115.3
201 109.1 79.9 119.9





#19

n-Nitroso-di-n-propylamine

Concen: 35.812 ng

RT: 7.292 min Scan# 885

Delta R.T. -0.006 min

Lab File: BF141939.D

Acq: 13 Mar 2025 12:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 347590

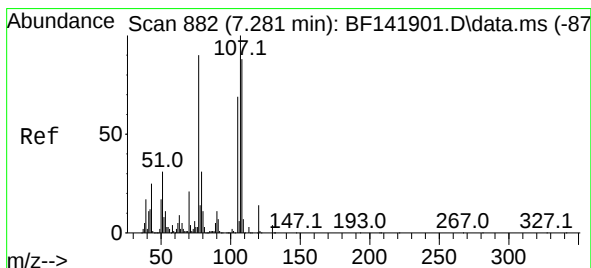
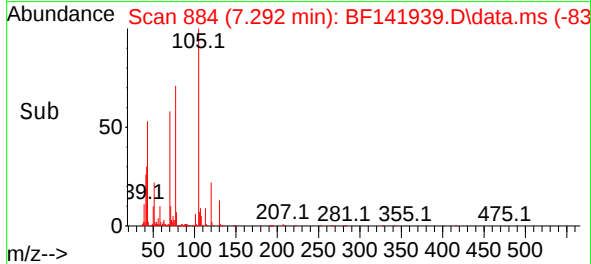
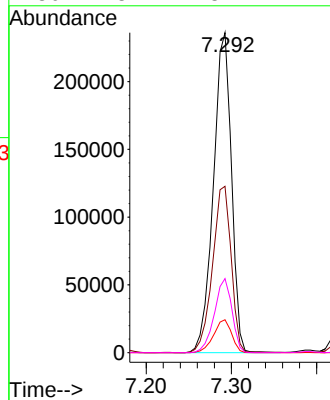
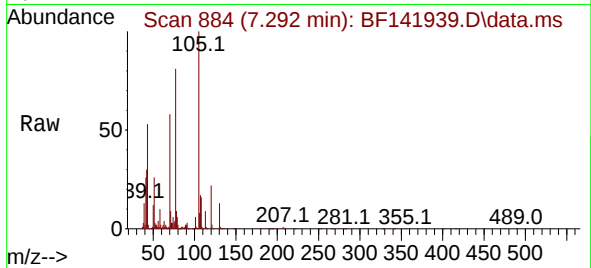
Ion Ratio Lower Upper

70 100

42 52.0 41.4 62.0

101 10.3 8.2 12.2

130 23.1 18.2 27.4



#20

3+4-Methylphenols

Concen: 37.464 ng

RT: 7.275 min Scan# 881

Delta R.T. -0.006 min

Lab File: BF141939.D

Acq: 13 Mar 2025 12:17

Tgt Ion:107 Resp: 502037

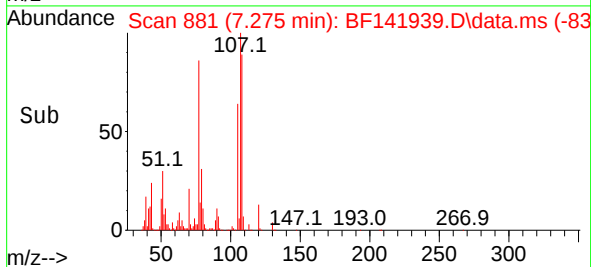
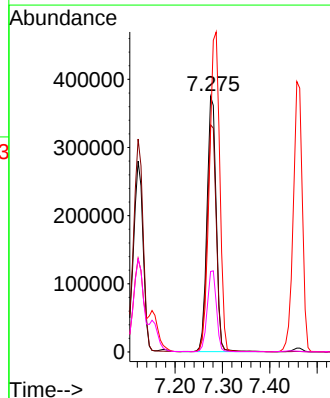
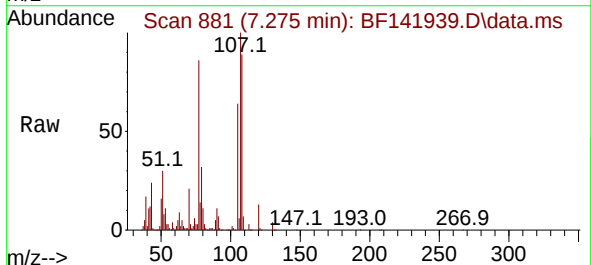
Ion Ratio Lower Upper

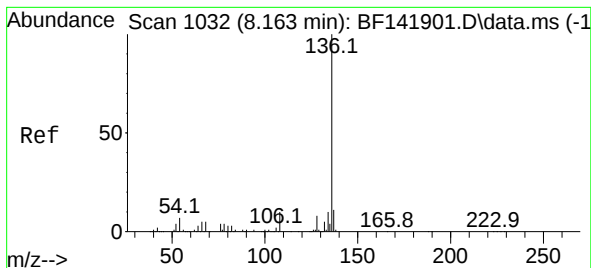
107 100

108 88.8 68.4 108.4

77 86.2 69.7 109.7

79 31.5 11.4 51.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141939.D

Acq: 13 Mar 2025 12:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 767232

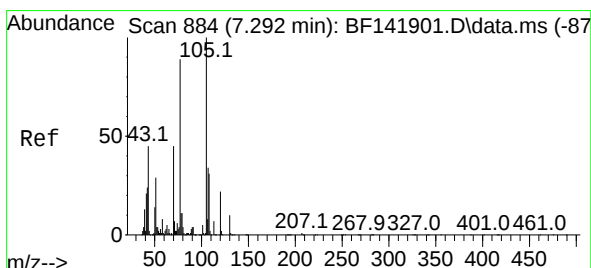
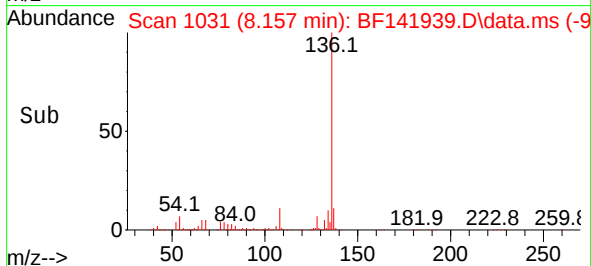
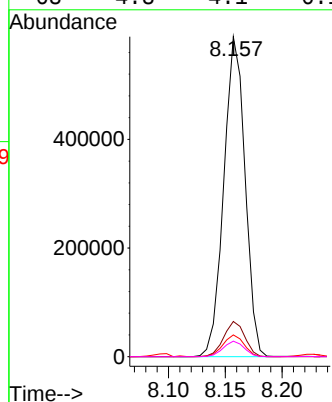
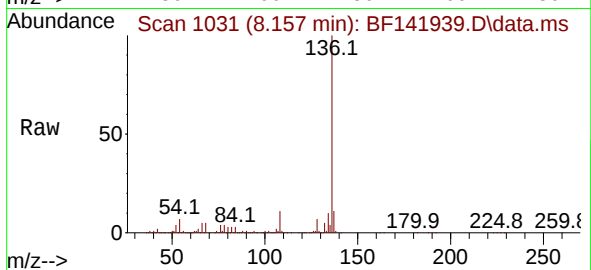
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 6.8 5.8 8.8

68 4.8 4.1 6.1



#22

Acetophenone

Concen: 38.332 ng

RT: 7.287 min Scan# 883

Delta R.T. -0.006 min

Lab File: BF141939.D

Acq: 13 Mar 2025 12:17

Tgt Ion:105 Resp: 704297

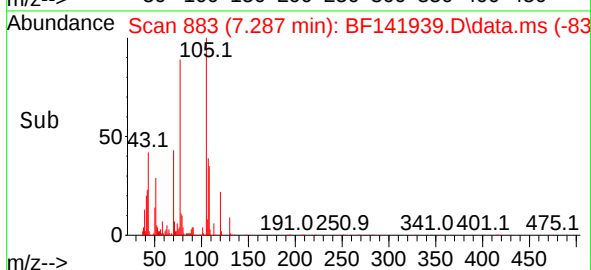
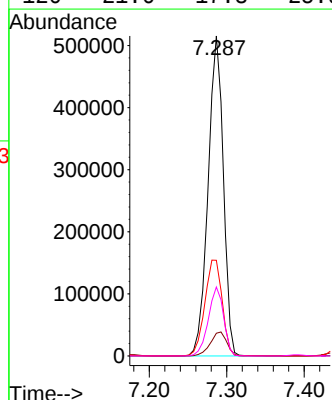
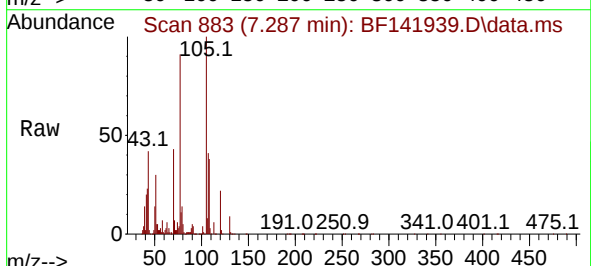
Ion Ratio Lower Upper

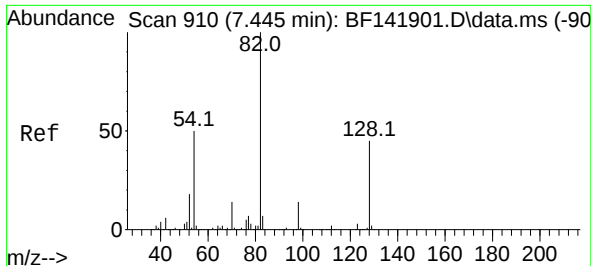
105 100

71 7.1 5.8 8.8

51 29.9 23.4 35.0

120 21.6 17.3 25.9





#23

Nitrobenzene-d5

Concen: 77.391 ng

RT: 7.439 min Scan# 910

Delta R.T. -0.006 min

Lab File: BF141939.D

Acq: 13 Mar 2025 12:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

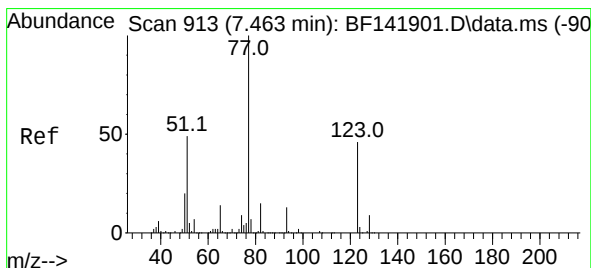
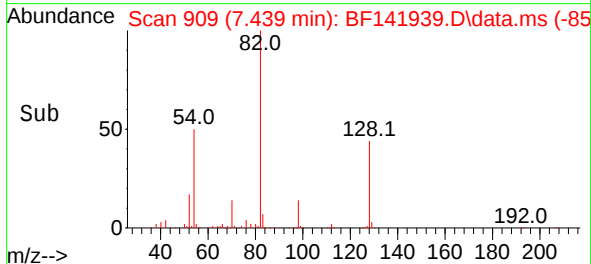
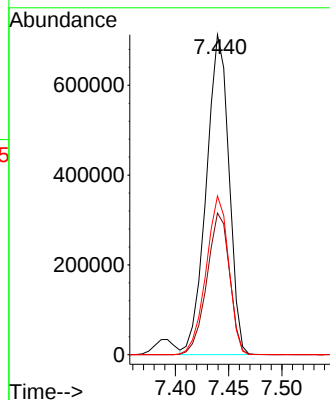
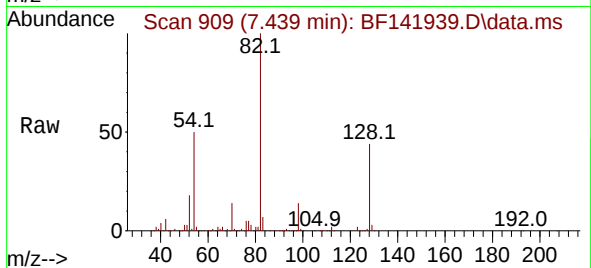
Tgt Ion: 82 Resp: 1055101

Ion Ratio Lower Upper

82 100

128 44.2 36.0 54.0

54 49.6 39.6 59.4



#24

Nitrobenzene

Concen: 38.634 ng

RT: 7.457 min Scan# 912

Delta R.T. -0.006 min

Lab File: BF141939.D

Acq: 13 Mar 2025 12:17

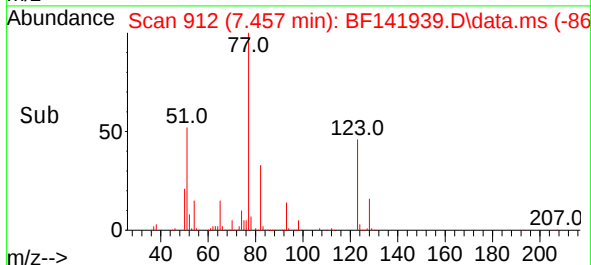
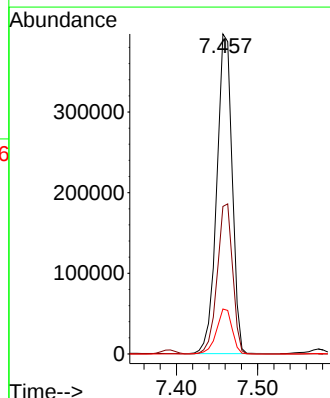
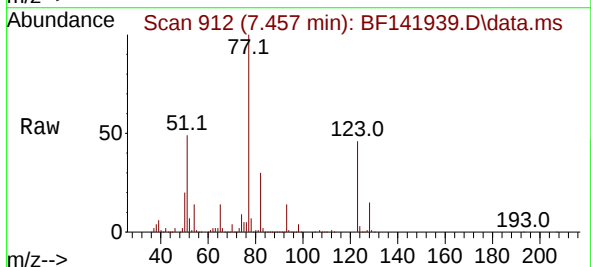
Tgt Ion: 77 Resp: 523612

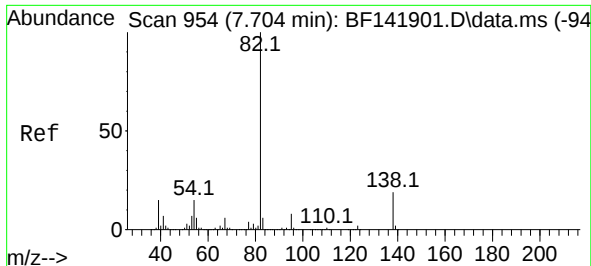
Ion Ratio Lower Upper

77 100

123 46.1 37.0 55.4

65 14.1 11.3 16.9

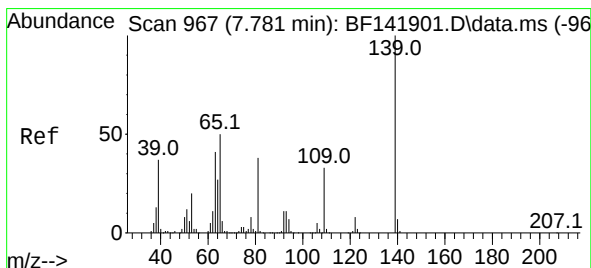
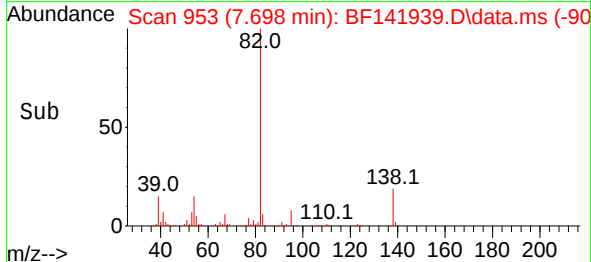
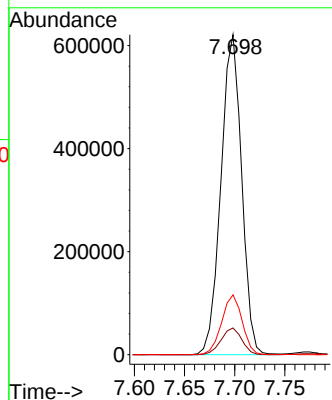
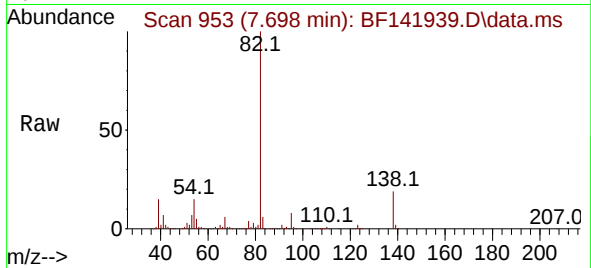




#25
Isophorone
Concen: 36.899 ng
RT: 7.698 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF141939.D
Acq: 13 Mar 2025 12:17

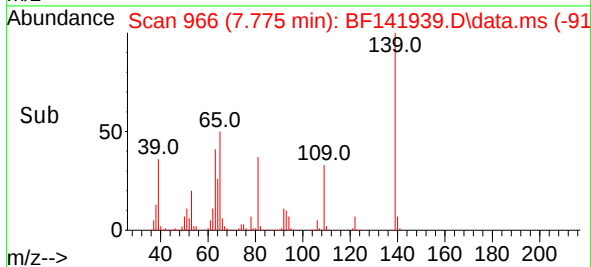
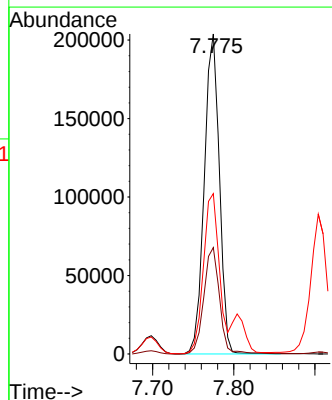
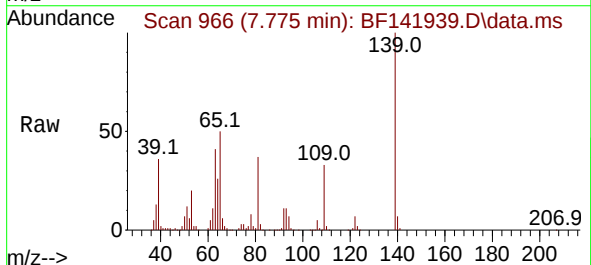
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

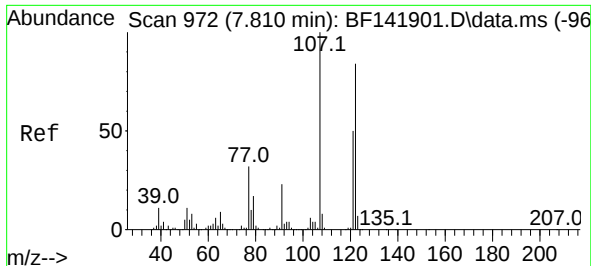
Tgt Ion: 82 Resp: 889235
Ion Ratio Lower Upper
82 100
95 8.3 6.4 9.6
138 18.7 14.9 22.3



#26
2-Nitrophenol
Concen: 39.549 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.006 min
Lab File: BF141939.D
Acq: 13 Mar 2025 12:17

Tgt Ion:139 Resp: 263074
Ion Ratio Lower Upper
139 100
109 33.2 26.5 39.7
65 50.1 40.3 60.5

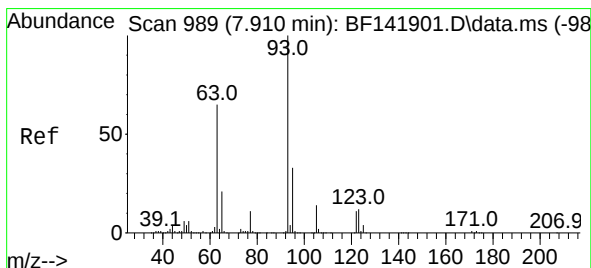
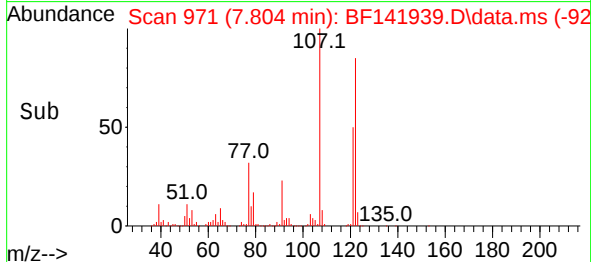
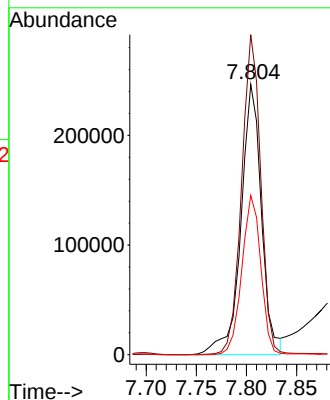
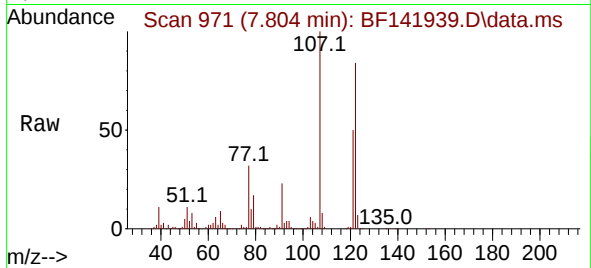




#27
2,4-Dimethylphenol
Concen: 38.499 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141939.D
Acq: 13 Mar 2025 12:17

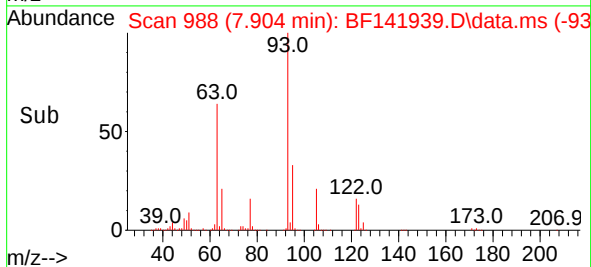
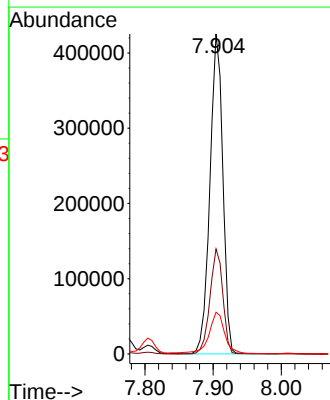
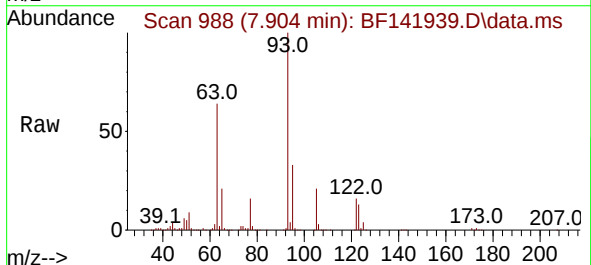
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

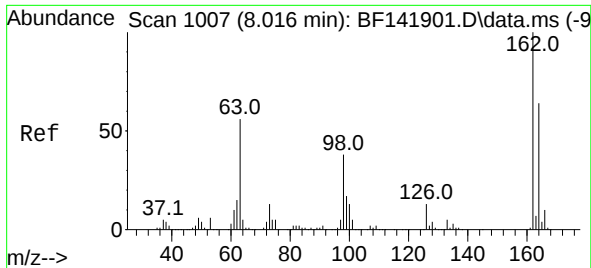
Tgt Ion:122 Resp: 352630
Ion Ratio Lower Upper
122 100
107 118.4 94.8 142.2
121 58.9 47.8 71.6



#28
bis(2-Chloroethoxy)methane
Concen: 37.044 ng
RT: 7.904 min Scan# 988
Delta R.T. -0.006 min
Lab File: BF141939.D
Acq: 13 Mar 2025 12:17

Tgt Ion: 93 Resp: 559932
Ion Ratio Lower Upper
93 100
95 32.8 26.6 40.0
123 13.1 10.2 15.4

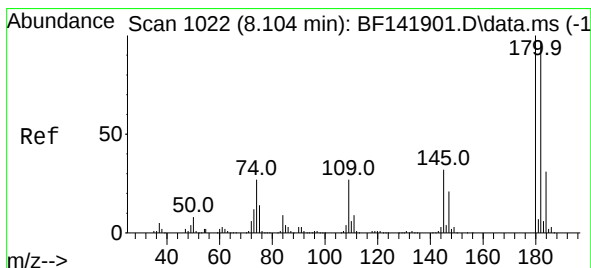
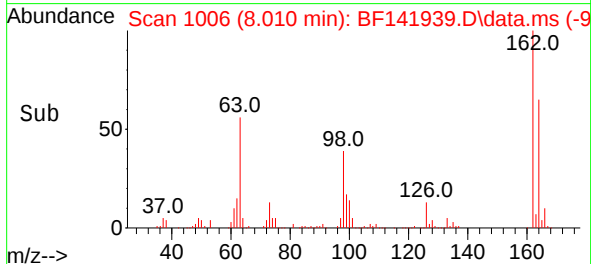
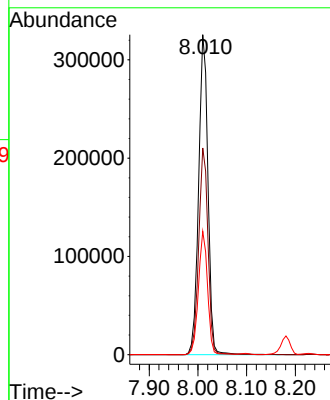
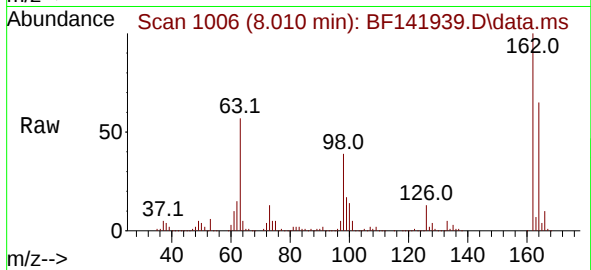




#29
2,4-Dichlorophenol
Concen: 38.322 ng
RT: 8.010 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF141939.D
Acq: 13 Mar 2025 12:17

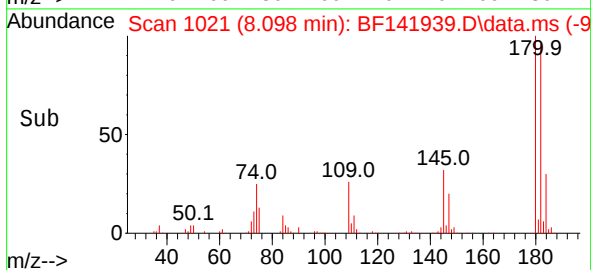
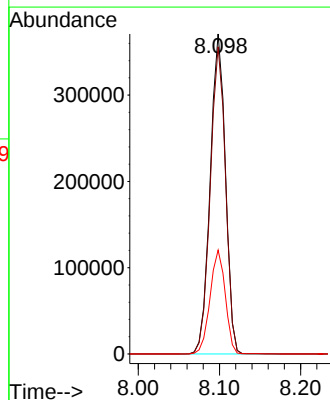
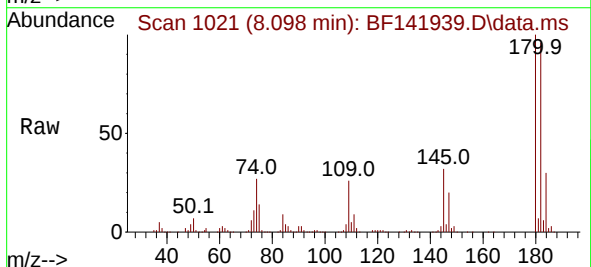
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

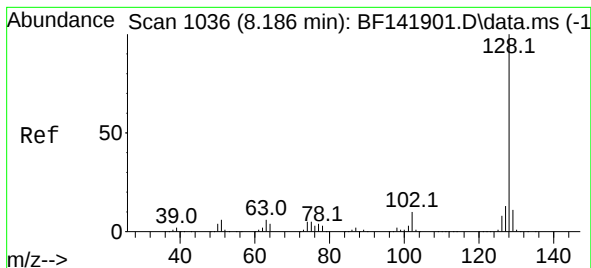
Tgt Ion:162 Resp: 435680
Ion Ratio Lower Upper
162 100
164 64.6 43.8 83.8
98 38.6 18.1 58.1



#30
1,2,4-Trichlorobenzene
Concen: 38.527 ng
RT: 8.098 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF141939.D
Acq: 13 Mar 2025 12:17

Tgt Ion:180 Resp: 482699
Ion Ratio Lower Upper
180 100
182 96.0 77.5 116.3
145 32.5 25.8 38.6





#31

Naphthalene

Concen: 38.385 ng

RT: 8.181 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141939.D

Acq: 13 Mar 2025 12:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

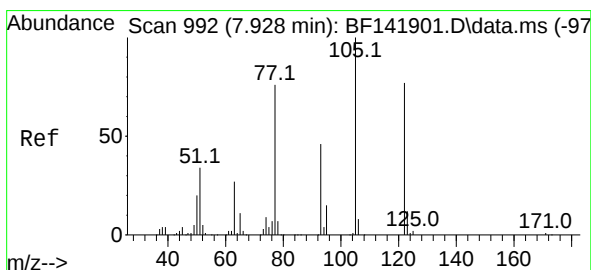
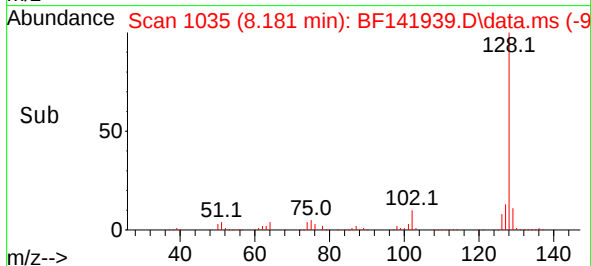
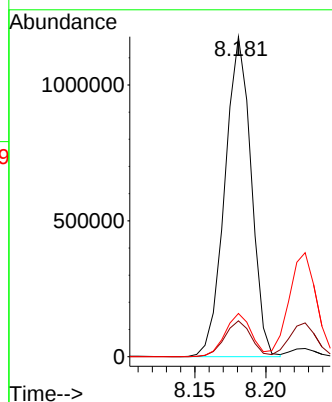
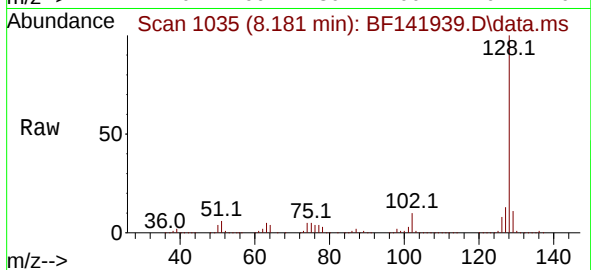
Tgt Ion:128 Resp: 1512818

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

127 13.5 10.8 16.2



#32

Benzoic acid

Concen: 42.081 ng

RT: 7.922 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF141939.D

Acq: 13 Mar 2025 12:17

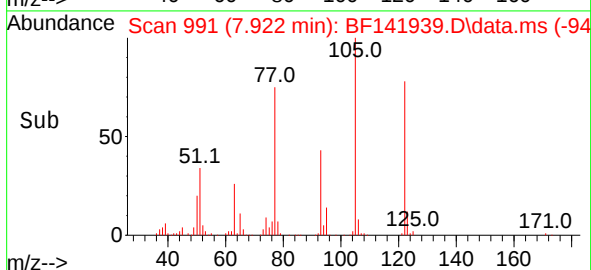
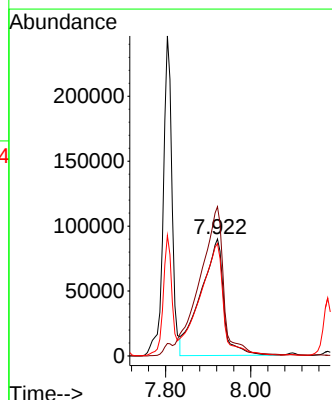
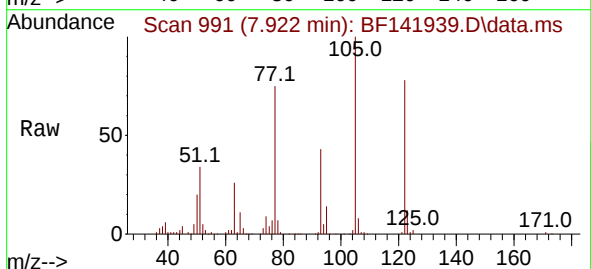
Tgt Ion:122 Resp: 338815

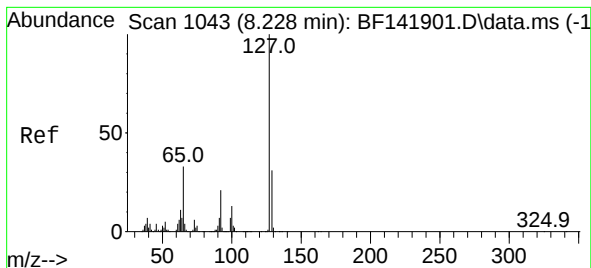
Ion Ratio Lower Upper

122 100

105 127.7 107.9 147.9

77 96.2 79.0 119.0





#33

4-Chloroaniline

Concen: 37.629 ng

RT: 8.228 min Scan# 1043

Delta R.T. 0.000 min

Lab File: BF141939.D

Acq: 13 Mar 2025 12:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 523526

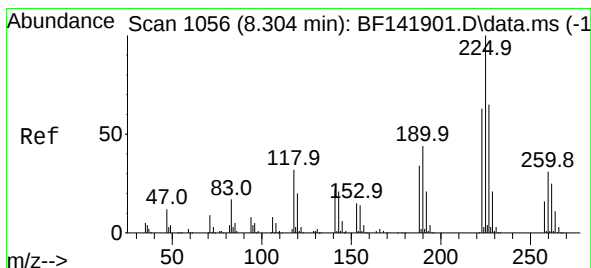
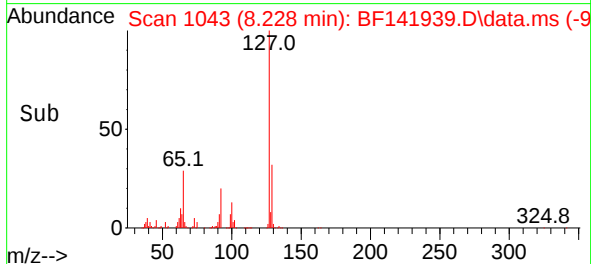
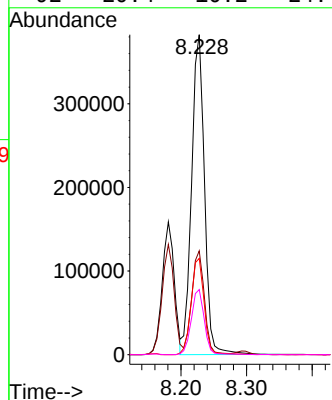
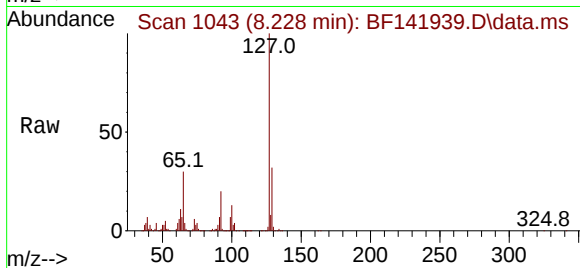
Ion Ratio Lower Upper

127 100

129 32.5 26.2 39.4

65 30.1 25.4 38.2

92 20.4 16.2 24.4



#34

Hexachlorobutadiene

Concen: 39.060 ng

RT: 8.298 min Scan# 1055

Delta R.T. -0.006 min

Lab File: BF141939.D

Acq: 13 Mar 2025 12:17

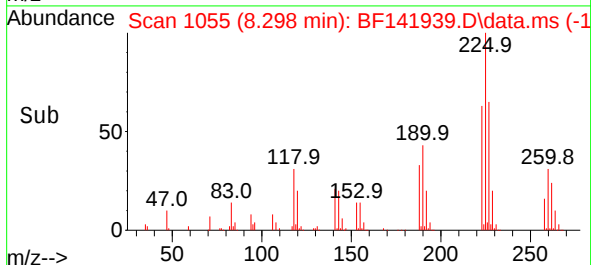
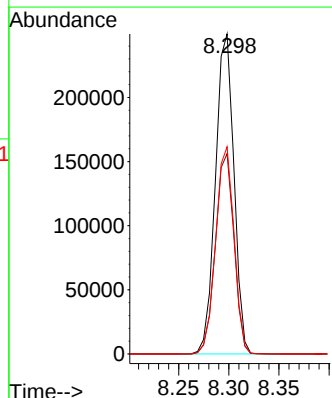
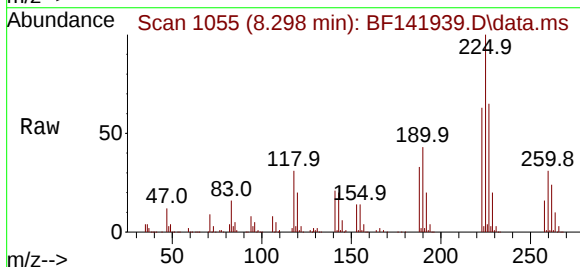
Tgt Ion:225 Resp: 319154

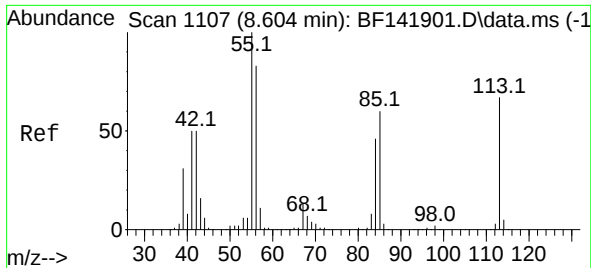
Ion Ratio Lower Upper

225 100

223 62.6 50.6 75.8

227 64.8 52.2 78.2





#35

Caprolactam

Concen: 37.884 ng

RT: 8.598 min Scan# 1106

Delta R.T. -0.006 min

Lab File: BF141939.D

Acq: 13 Mar 2025 12:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

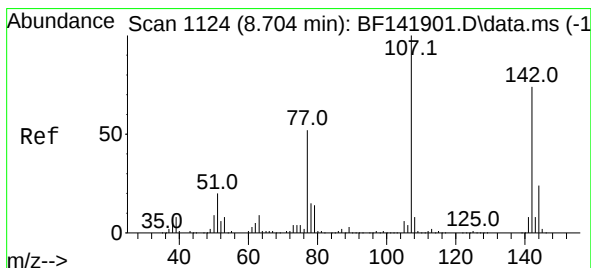
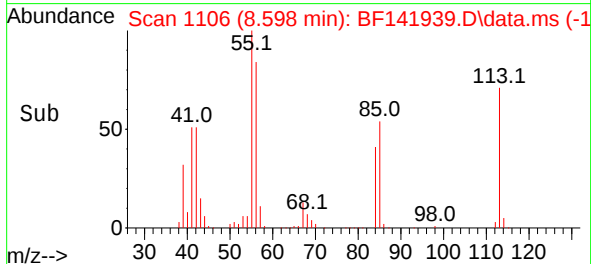
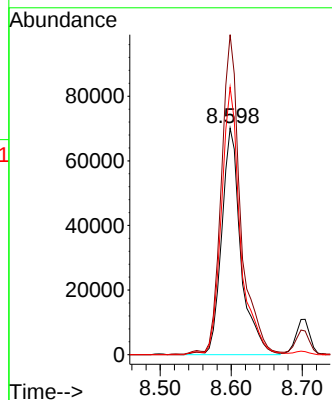
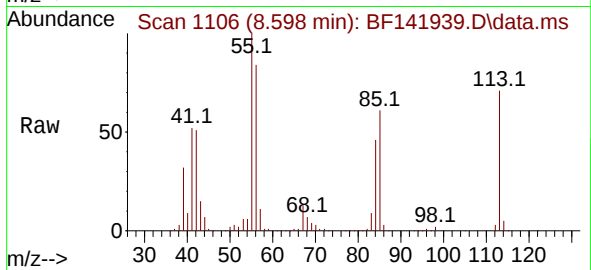
Tgt Ion:113 Resp: 131311

Ion Ratio Lower Upper

113 100

55 141.3 129.6 169.6

56 118.1 104.0 144.0



#36

4-Chloro-3-methylphenol

Concen: 37.769 ng

RT: 8.698 min Scan# 1123

Delta R.T. -0.006 min

Lab File: BF141939.D

Acq: 13 Mar 2025 12:17

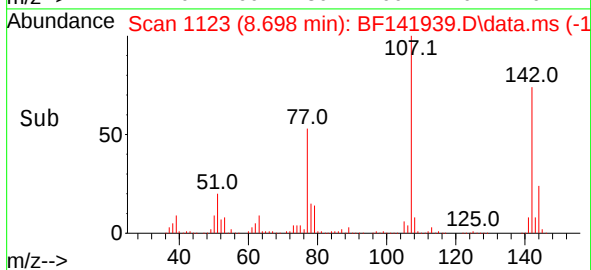
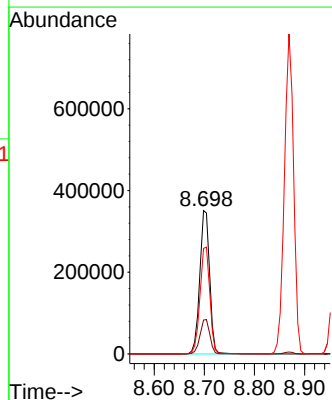
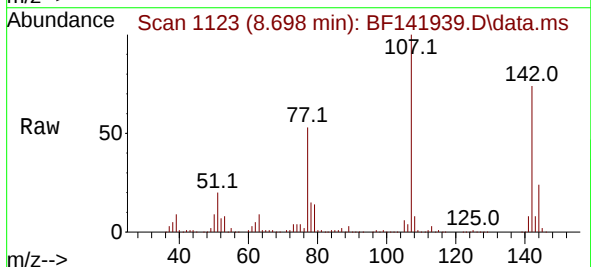
Tgt Ion:107 Resp: 479000

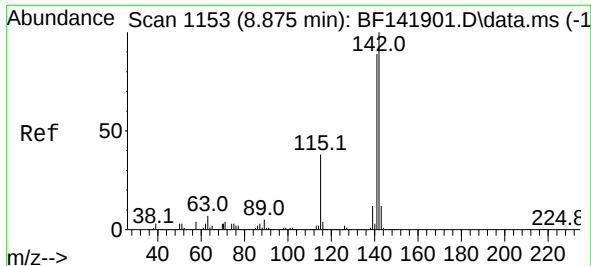
Ion Ratio Lower Upper

107 100

144 23.6 19.0 28.6

142 73.6 59.2 88.8





#37

2-Methylnaphthalene

Concen: 38.045 ng

RT: 8.869 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BF141939.D

Acq: 13 Mar 2025 12:17

Instrument :

BNA_F

ClientSampleId :

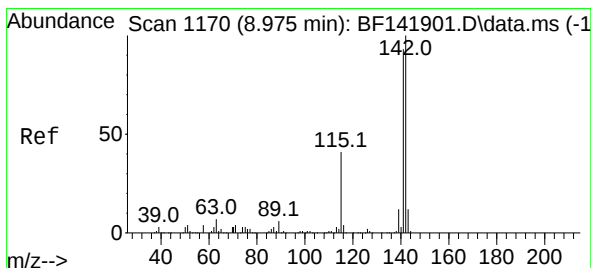
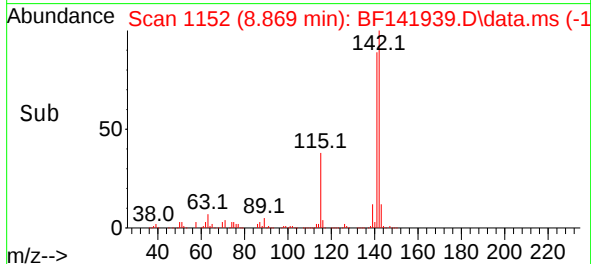
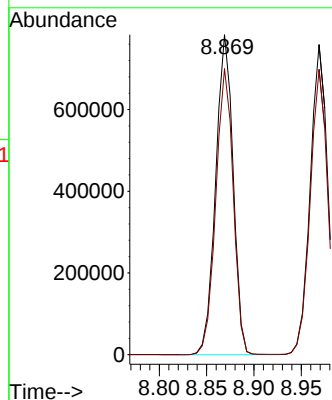
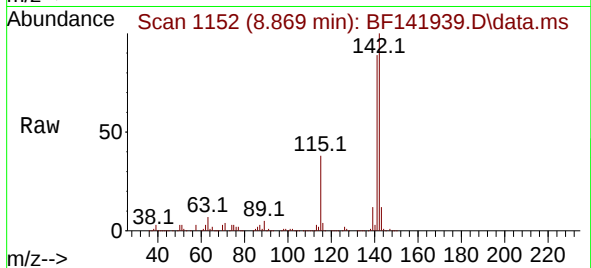
SSTDCCC040

Tgt Ion:142 Resp: 1002209

Ion Ratio Lower Upper

142 100

141 89.4 71.2 106.8



#38

1-Methylnaphthalene

Concen: 38.016 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF141939.D

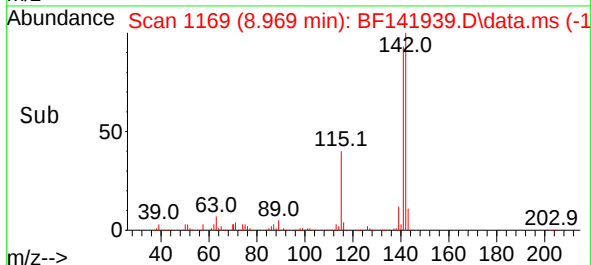
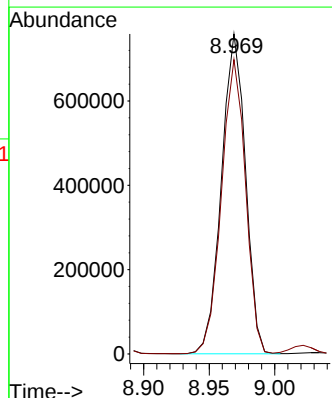
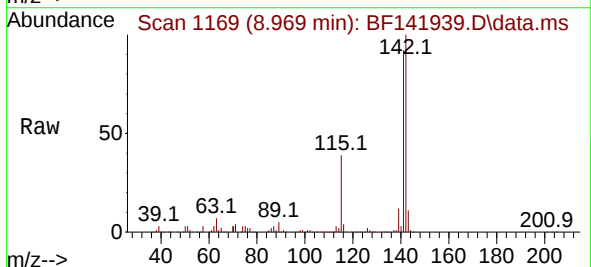
Acq: 13 Mar 2025 12:17

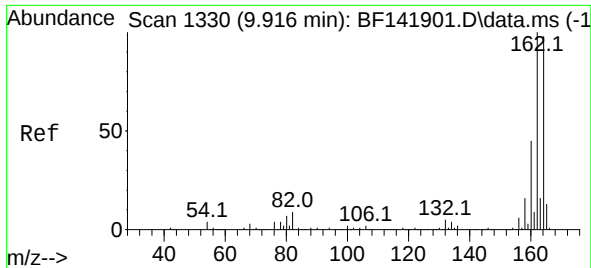
Tgt Ion:142 Resp: 966389

Ion Ratio Lower Upper

142 100

141 92.0 74.2 111.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF141939.D

Acq: 13 Mar 2025 12:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

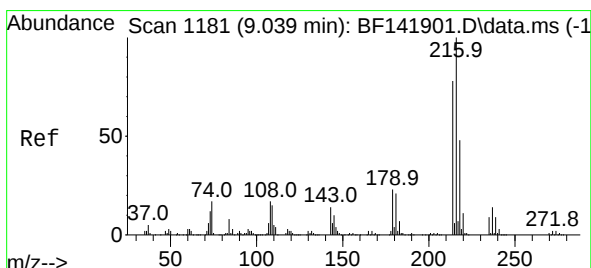
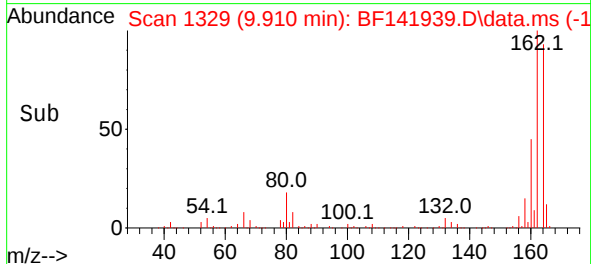
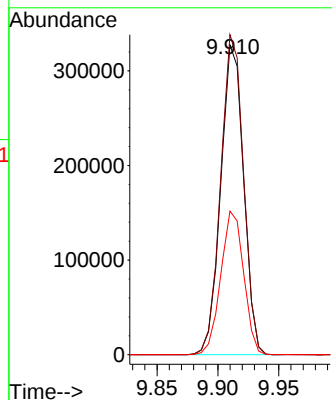
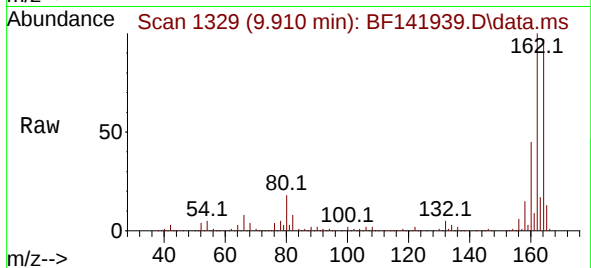
Tgt Ion:164 Resp: 426931

Ion Ratio Lower Upper

164 100

162 103.3 81.8 122.6

160 46.3 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.972 ng

RT: 9.034 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF141939.D

Acq: 13 Mar 2025 12:17

Tgt Ion:216 Resp: 506575

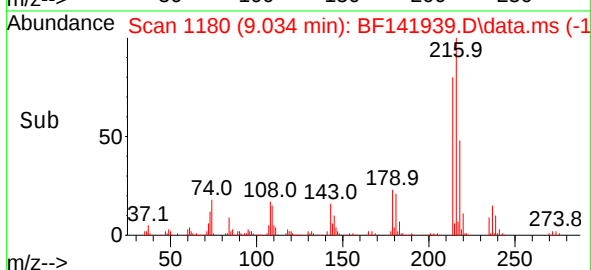
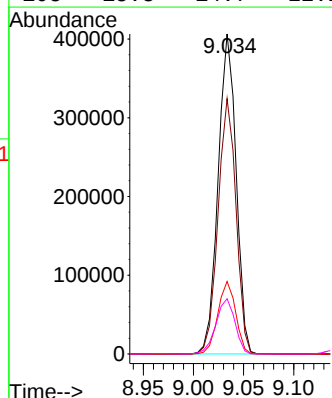
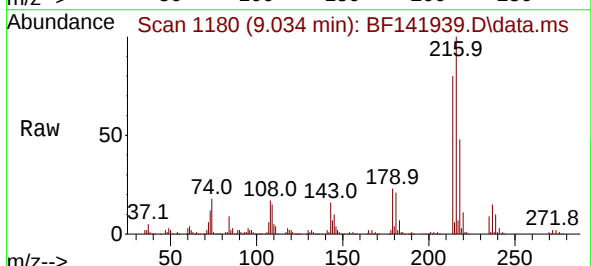
Ion Ratio Lower Upper

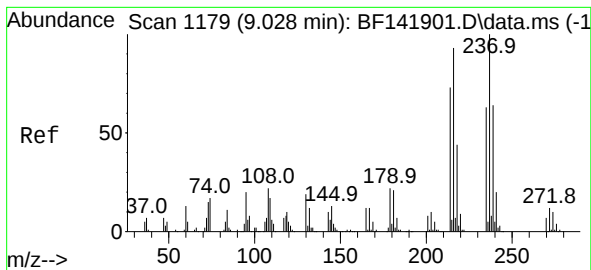
216 100

214 79.5 61.9 92.9

179 22.4 18.1 27.1

108 18.3 14.7 22.1

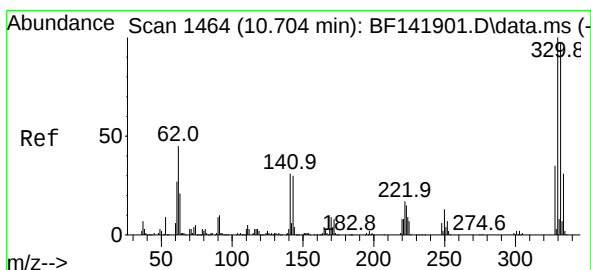
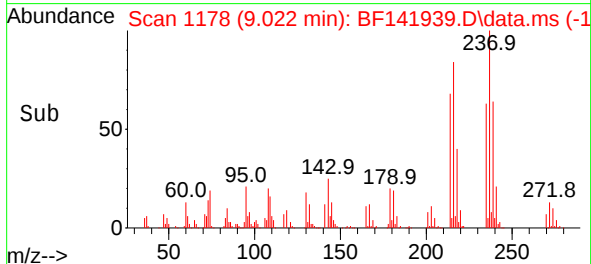
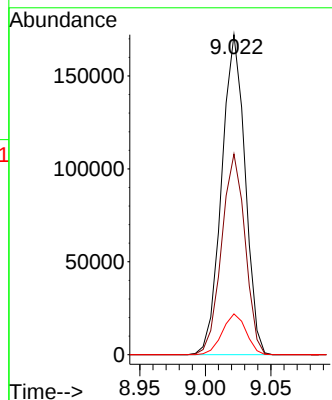
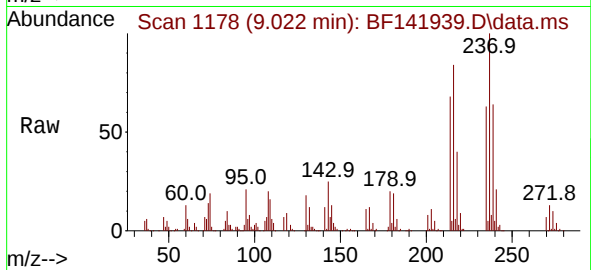




#41
Hexachlorocyclopentadiene
Concen: 41.981 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF141939.D
Acq: 13 Mar 2025 12:17

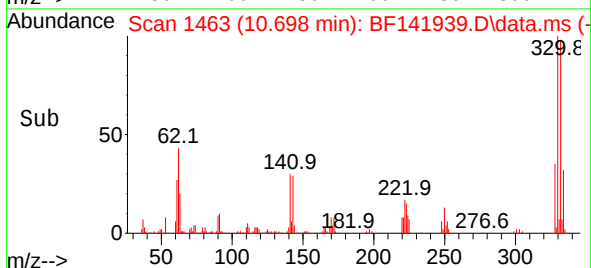
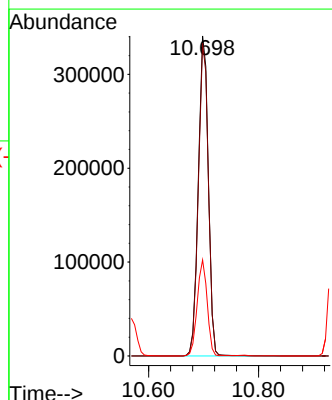
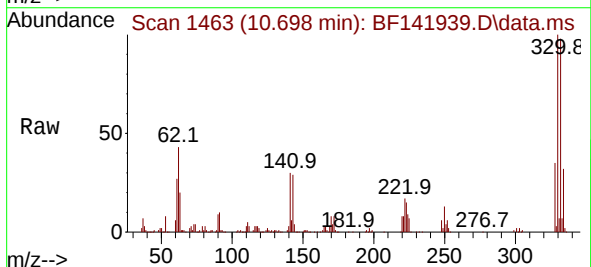
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

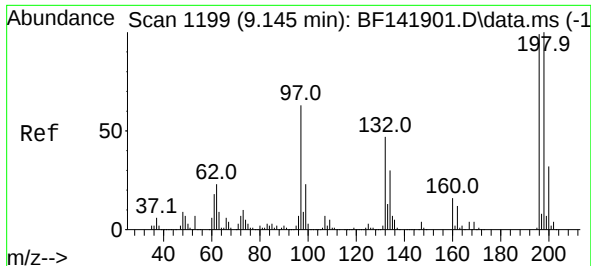
Tgt Ion:237 Resp: 213556
Ion Ratio Lower Upper
237 100
235 62.7 43.1 83.1
272 12.8 0.0 32.0



#42
2,4,6-Tribromophenol
Concen: 79.856 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF141939.D
Acq: 13 Mar 2025 12:17

Tgt Ion:330 Resp: 432513
Ion Ratio Lower Upper
330 100
332 97.4 77.6 116.4
141 29.8 24.7 37.1





#43

2,4,6-Trichlorophenol

Concen: 39.520 ng

RT: 9.145 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF141939.D

Acq: 13 Mar 2025 12:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

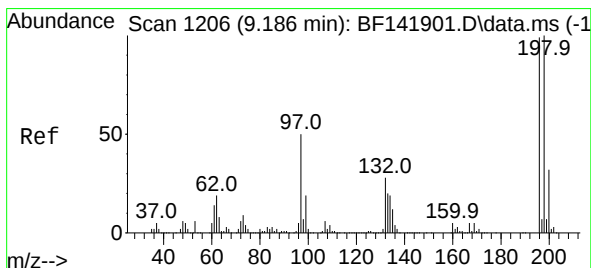
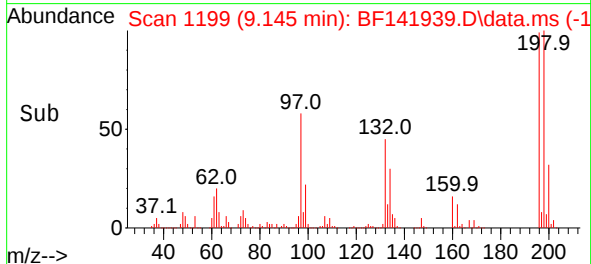
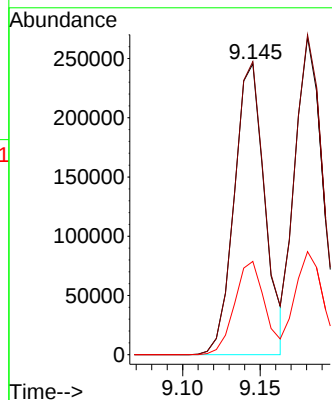
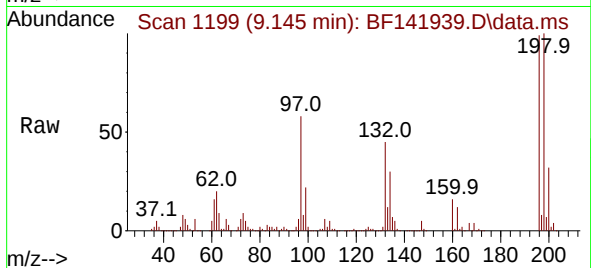
Tgt Ion:196 Resp: 335717

Ion Ratio Lower Upper

196 100

198 100.8 80.6 121.0

200 32.1 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 39.009 ng

RT: 9.181 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF141939.D

Acq: 13 Mar 2025 12:17

Tgt Ion:196 Resp: 335620

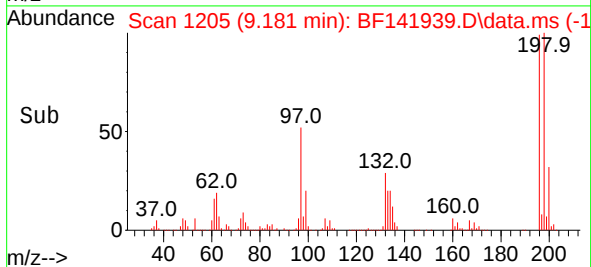
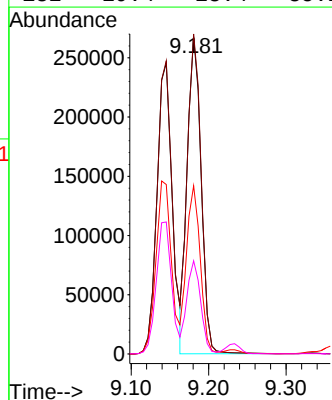
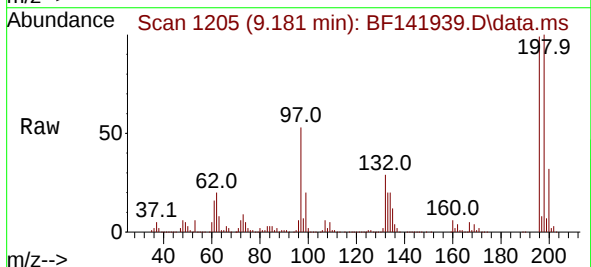
Ion Ratio Lower Upper

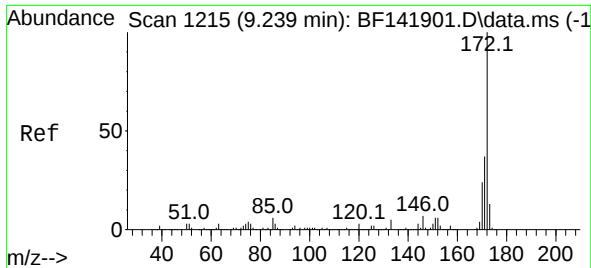
196 100

198 100.8 80.7 121.1

97 53.0 42.1 63.1

132 29.4 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 76.930 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF141939.D

Acq: 13 Mar 2025 12:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

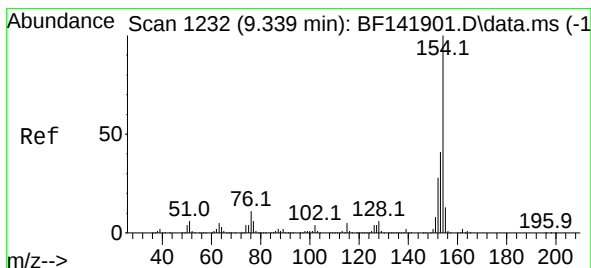
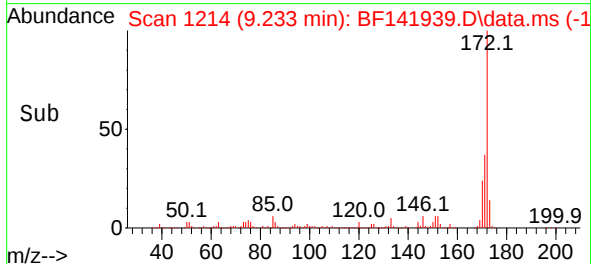
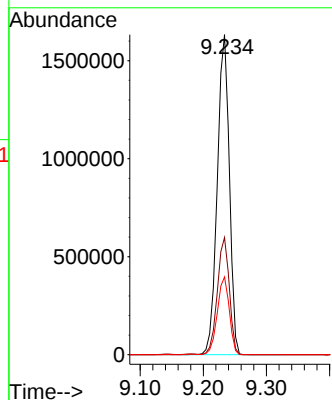
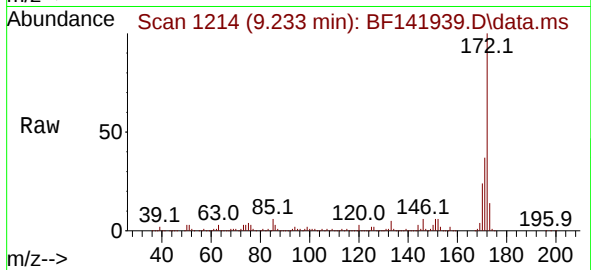
Tgt Ion:172 Resp: 2159613

Ion Ratio Lower Upper

172 100

171 36.6 29.3 43.9

170 24.3 19.4 29.0



#46

1,1'-Biphenyl

Concen: 38.721 ng

RT: 9.333 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BF141939.D

Acq: 13 Mar 2025 12:17

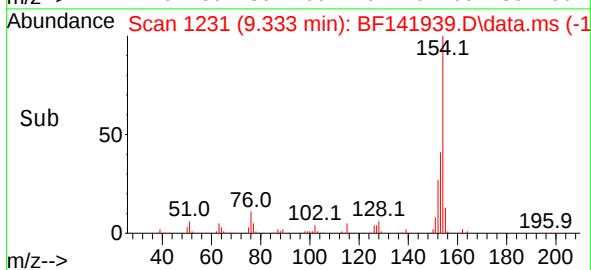
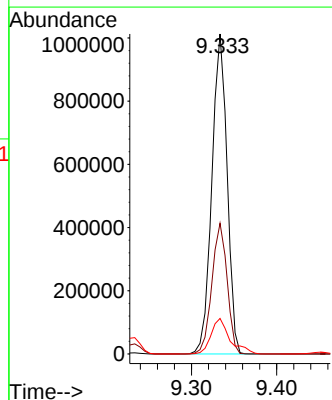
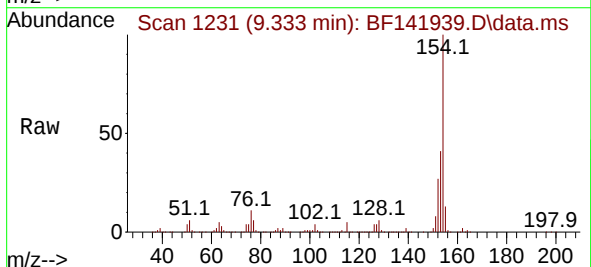
Tgt Ion:154 Resp: 1256074

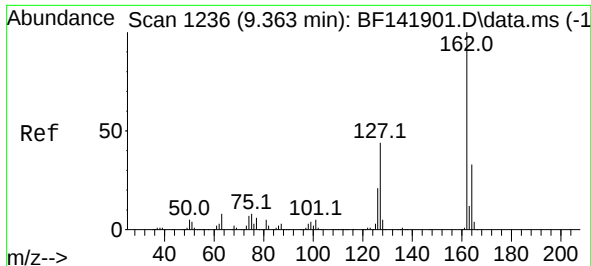
Ion Ratio Lower Upper

154 100

153 40.9 21.1 61.1

76 11.1 0.0 31.3





#47

2-Chloronaphthalene

Concen: 39.130 ng

RT: 9.357 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF141939.D

Acq: 13 Mar 2025 12:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

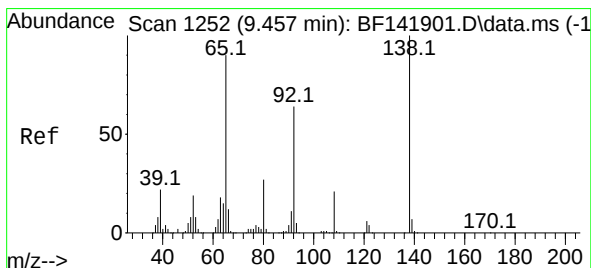
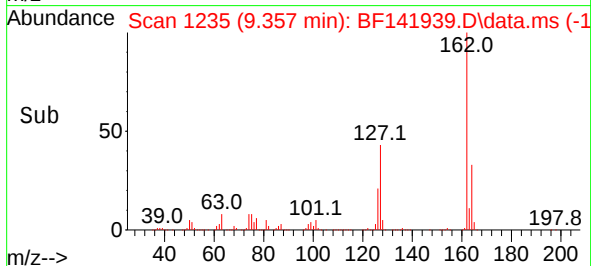
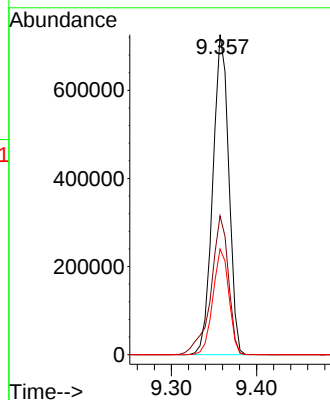
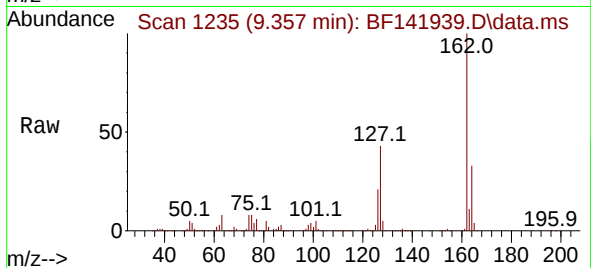
Tgt Ion:162 Resp: 946087

Ion Ratio Lower Upper

162 100

127 43.4 35.5 53.3

164 33.0 26.6 40.0



#48

2-Nitroaniline

Concen: 39.074 ng

RT: 9.451 min Scan# 1251

Delta R.T. -0.006 min

Lab File: BF141939.D

Acq: 13 Mar 2025 12:17

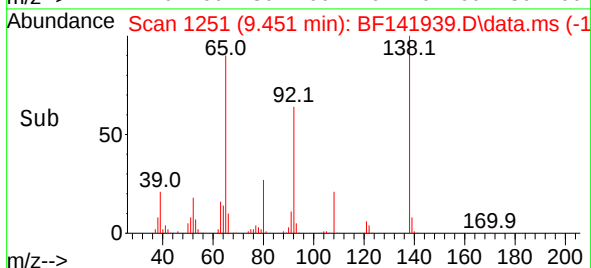
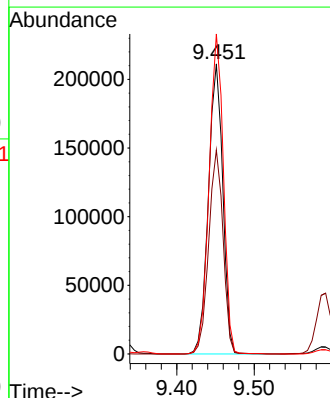
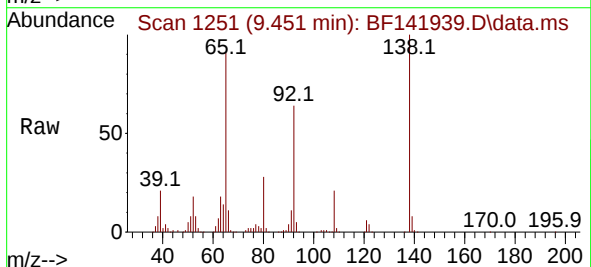
Tgt Ion: 65 Resp: 273545

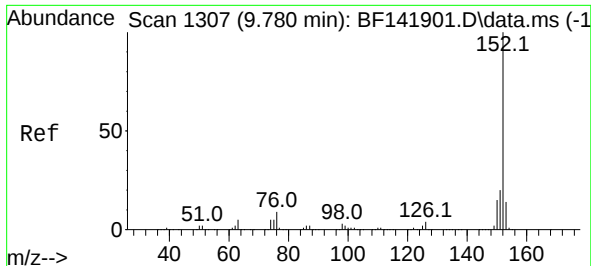
Ion Ratio Lower Upper

65 100

92 70.3 56.6 84.8

138 110.3 88.6 133.0





#49

Acenaphthylene

Concen: 39.005 ng

RT: 9.775 min Scan# 1306

Delta R.T. -0.006 min

Lab File: BF141939.D

Acq: 13 Mar 2025 12:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

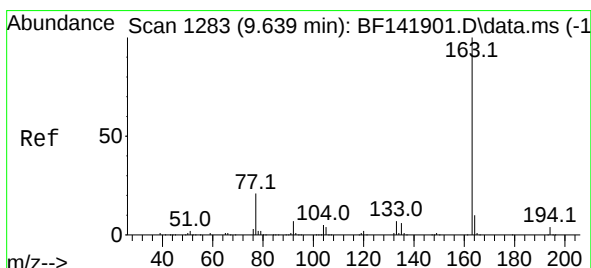
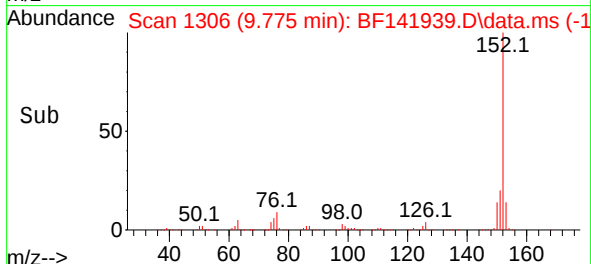
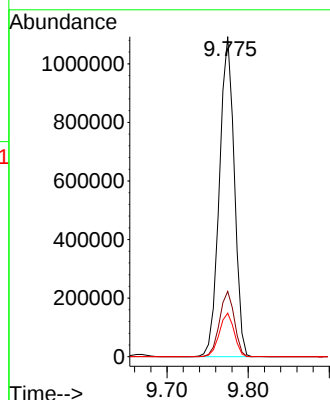
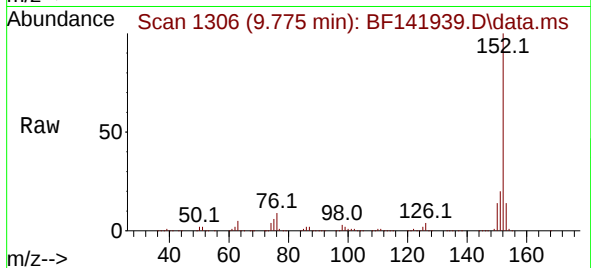
Tgt Ion:152 Resp: 1399495

Ion Ratio Lower Upper

152 100

151 20.4 16.3 24.5

153 13.6 11.1 16.7



#50

Dimethylphthalate

Concen: 38.106 ng

RT: 9.633 min Scan# 1282

Delta R.T. -0.006 min

Lab File: BF141939.D

Acq: 13 Mar 2025 12:17

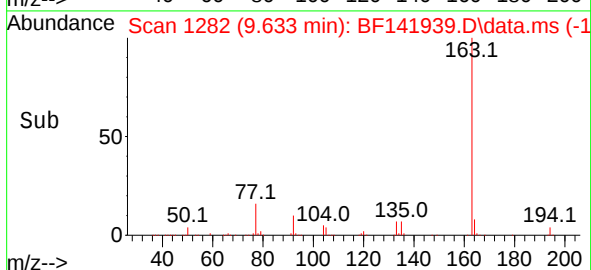
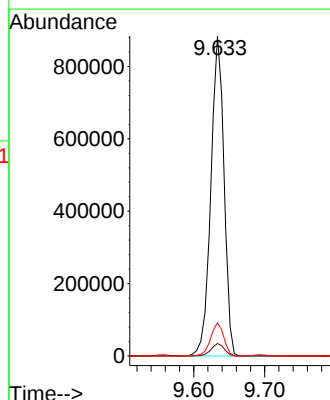
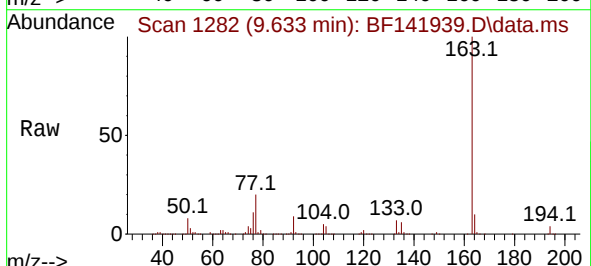
Tgt Ion:163 Resp: 1139250

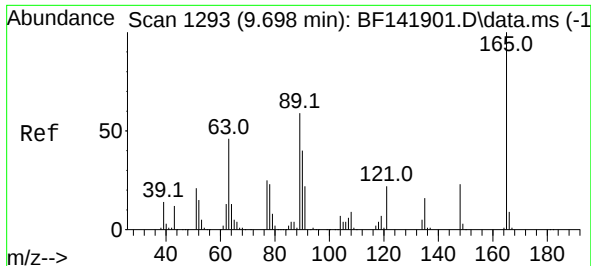
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.4 8.2 12.4

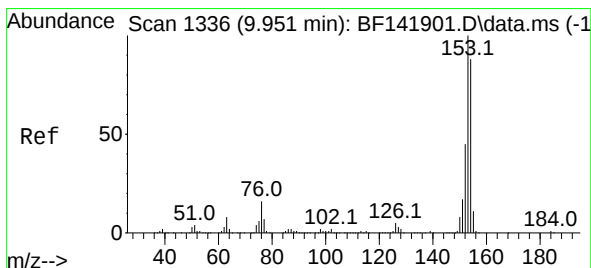
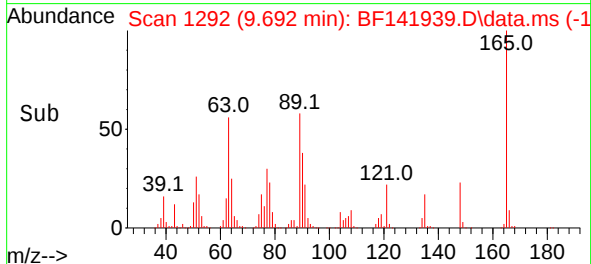
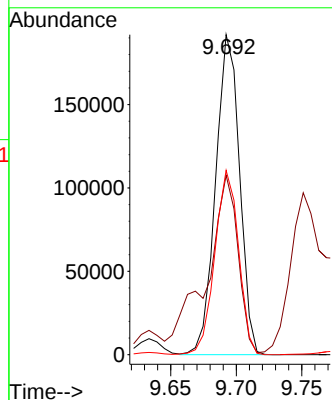
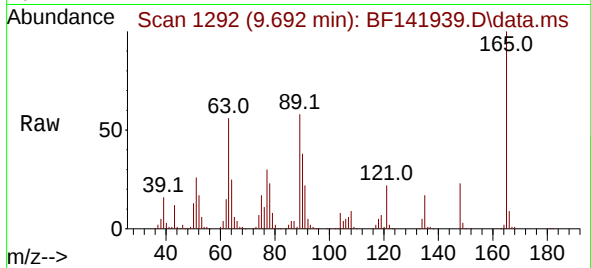




#51
2,6-Dinitrotoluene
Concen: 39.096 ng
RT: 9.692 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BF141939.D
Acq: 13 Mar 2025 12:17

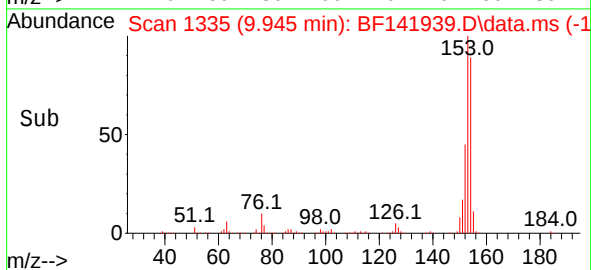
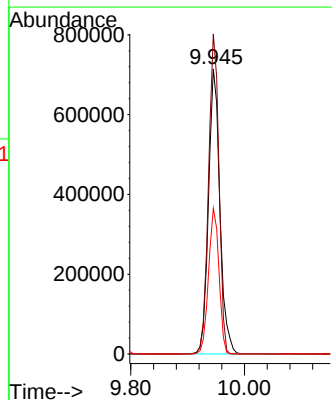
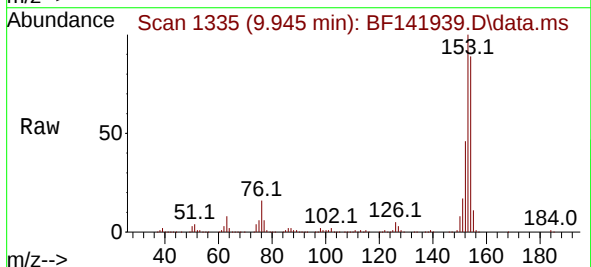
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

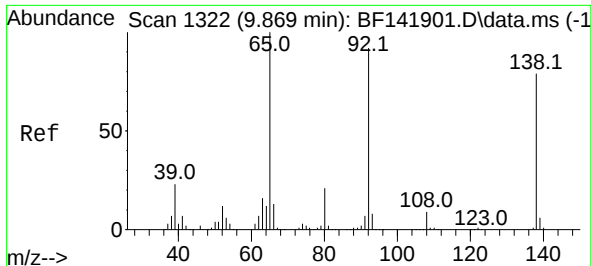
Tgt Ion:165 Resp: 243366
Ion Ratio Lower Upper
165 100
63 56.0 47.0 70.4
89 57.6 47.4 71.2



#52
Acenaphthene
Concen: 39.326 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF141939.D
Acq: 13 Mar 2025 12:17

Tgt Ion:154 Resp: 991587
Ion Ratio Lower Upper
154 100
153 112.3 90.7 136.1
152 51.1 41.1 61.7

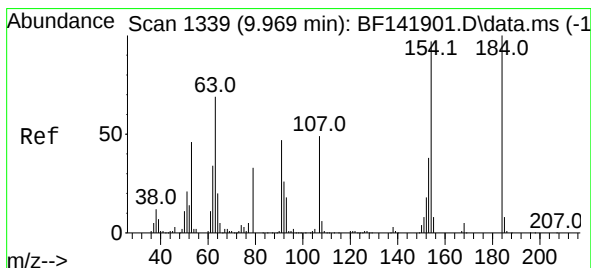
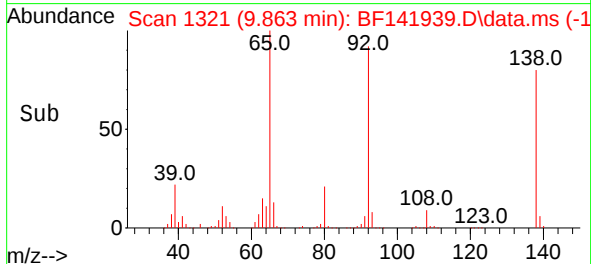
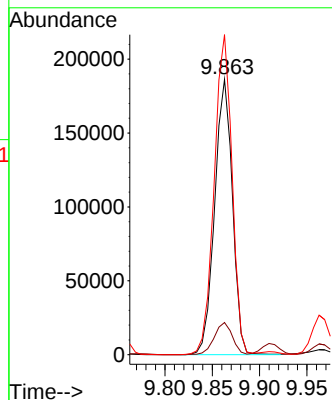
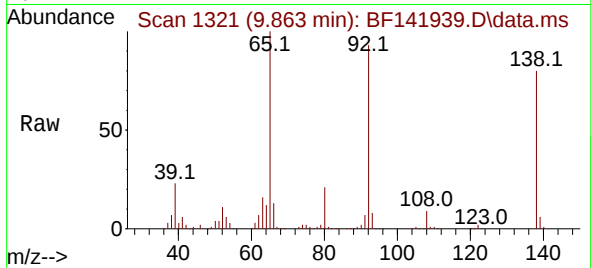




#53
3-Nitroaniline
Concen: 38.530 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF141939.D
Acq: 13 Mar 2025 12:17

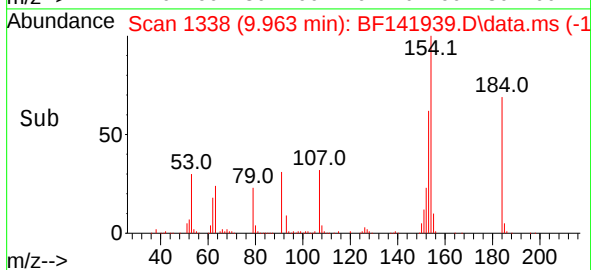
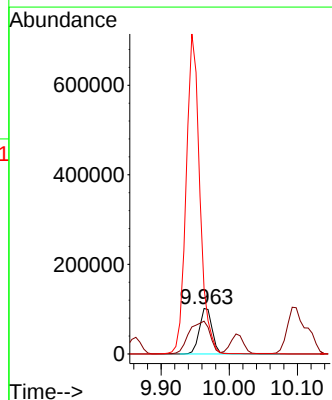
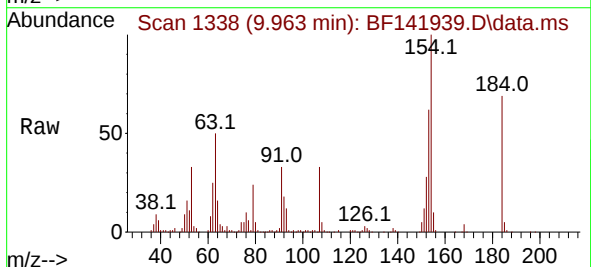
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

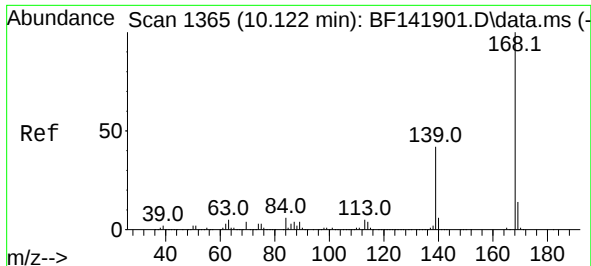
Tgt Ion:138 Resp: 243288
Ion Ratio Lower Upper
138 100
108 11.7 9.3 13.9
92 116.2 93.5 140.3



#54
2,4-Dinitrophenol
Concen: 41.009 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF141939.D
Acq: 13 Mar 2025 12:17

Tgt Ion:184 Resp: 132695
Ion Ratio Lower Upper
184 100
63 72.2 60.2 90.4
154 144.1 132.9 199.3





#55

Dibenzenofuran

Concen: 38.554 ng

RT: 10.116 min Scan# 1364

Delta R.T. -0.006 min

Lab File: BF141939.D

Acq: 13 Mar 2025 12:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

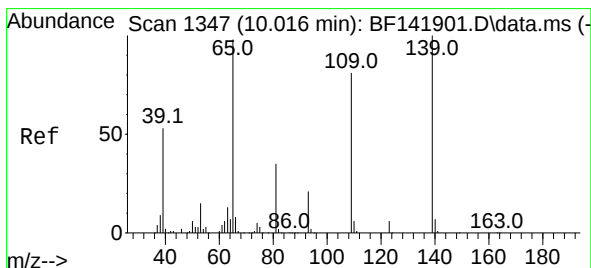
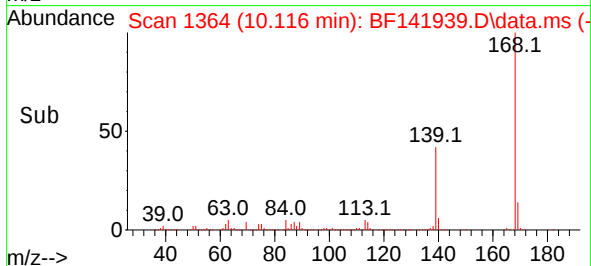
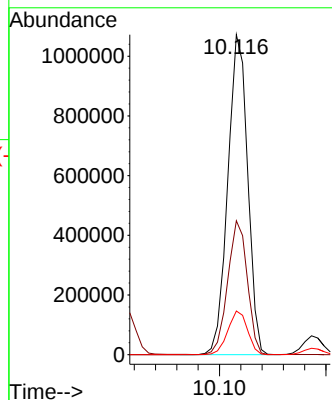
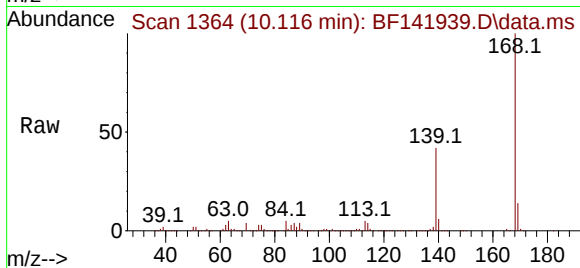
Tgt Ion:168 Resp: 1389049

Ion Ratio Lower Upper

168 100

139 41.9 33.9 50.9

169 13.7 11.0 16.4



#56

4-Nitrophenol

Concen: 41.301 ng

RT: 10.010 min Scan# 1346

Delta R.T. -0.006 min

Lab File: BF141939.D

Acq: 13 Mar 2025 12:17

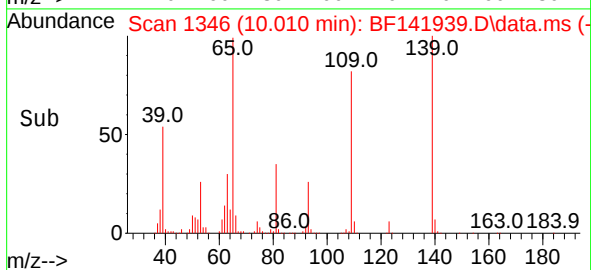
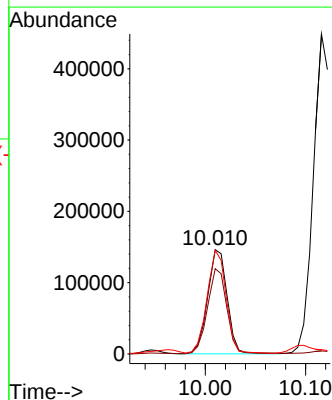
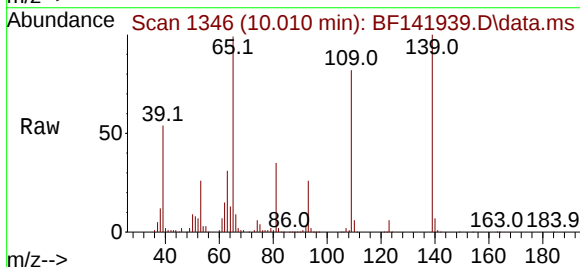
Tgt Ion:139 Resp: 196664

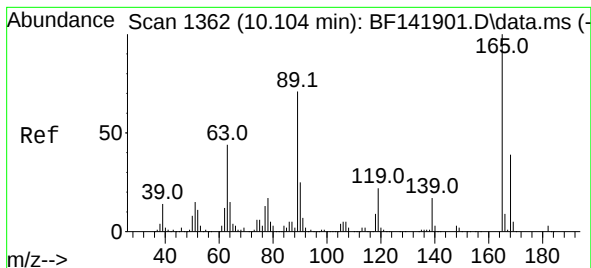
Ion Ratio Lower Upper

139 100

109 81.7 61.6 101.6

65 99.4 79.4 119.4

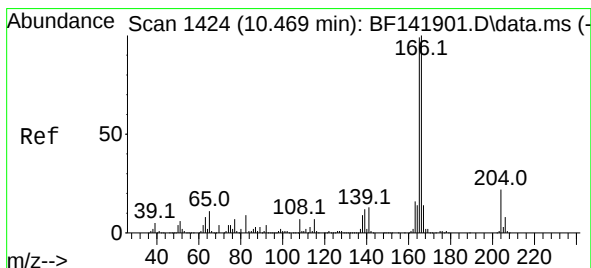
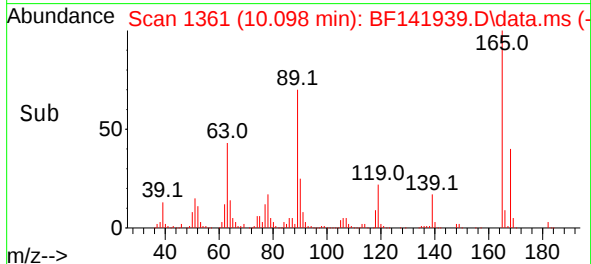
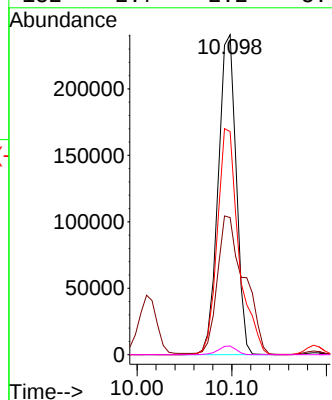
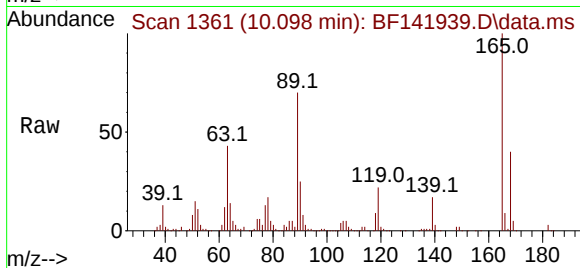




#57
2,4-Dinitrotoluene
Concen: 39.193 ng
RT: 10.098 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF141939.D
Acq: 13 Mar 2025 12:17

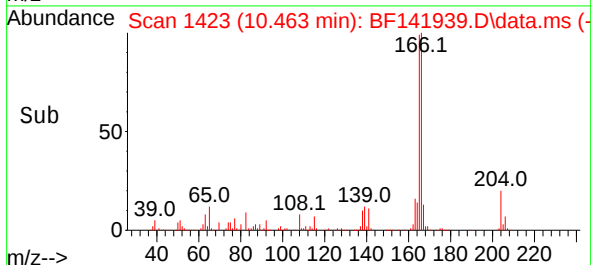
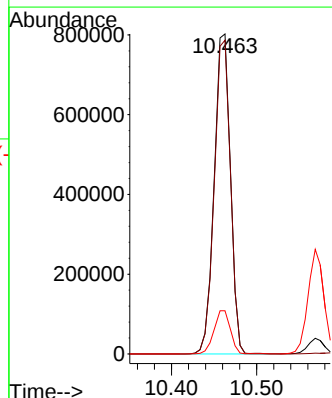
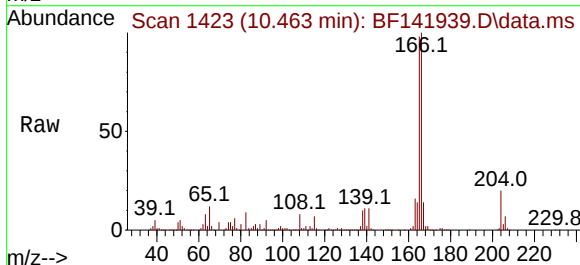
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

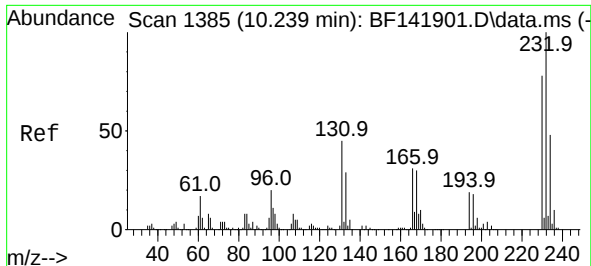
Tgt Ion:165 Resp: 318648
Ion Ratio Lower Upper
165 100
63 42.8 35.4 53.2
89 69.7 56.6 84.8
182 2.7 2.2 3.4



#58
Fluorene
Concen: 38.195 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF141939.D
Acq: 13 Mar 2025 12:17

Tgt Ion:166 Resp: 1061221
Ion Ratio Lower Upper
166 100
165 98.0 79.0 118.4
167 13.5 11.0 16.4

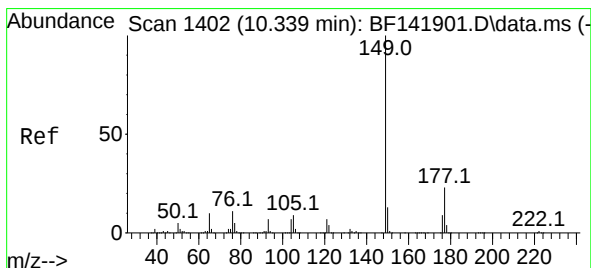
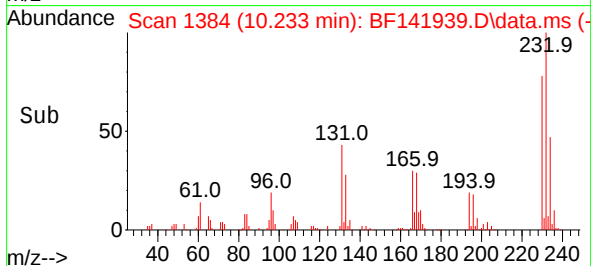
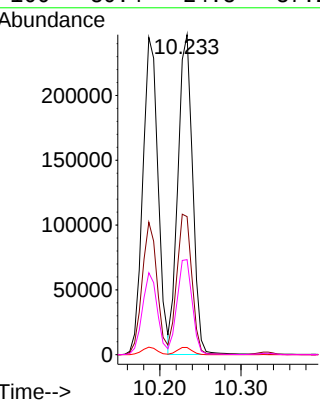
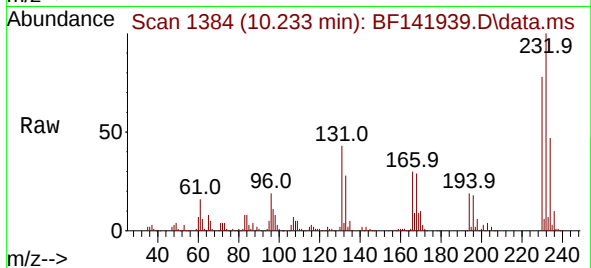




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.708 ng
RT: 10.233 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF141939.D
Acq: 13 Mar 2025 12:17

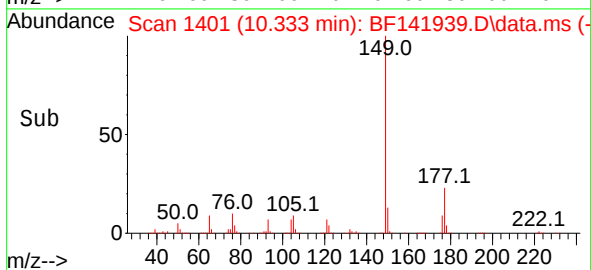
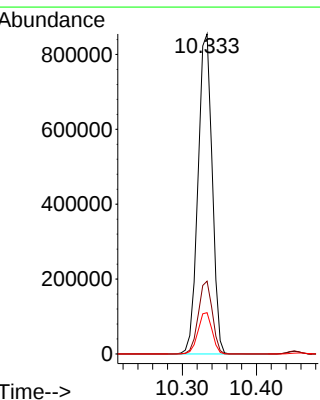
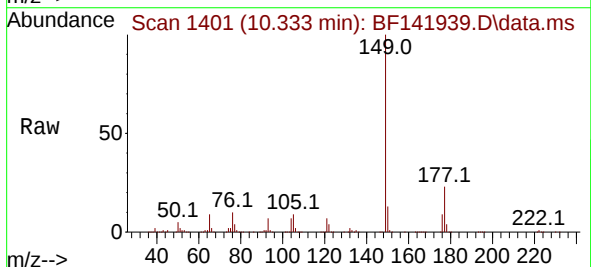
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

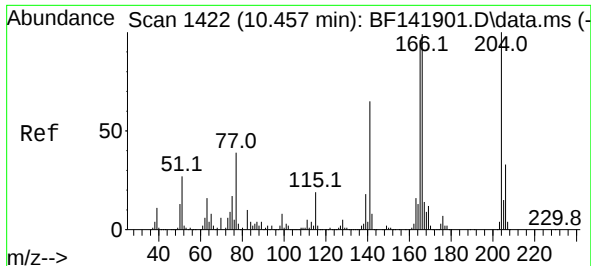
Tgt Ion:232 Resp: 310873
Ion Ratio Lower Upper
232 100
131 44.6 37.3 55.9
130 2.3 1.9 2.9
166 30.4 24.8 37.2



#60
Diethylphthalate
Concen: 38.044 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF141939.D
Acq: 13 Mar 2025 12:17

Tgt Ion:149 Resp: 1134119
Ion Ratio Lower Upper
149 100
177 22.7 18.0 27.0
150 12.9 10.2 15.4

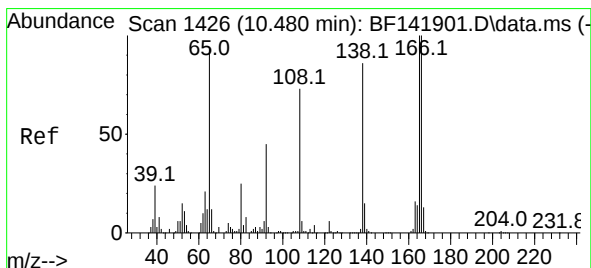
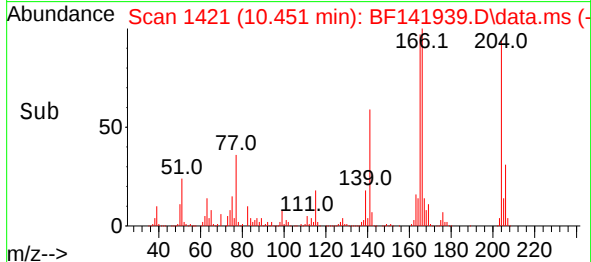
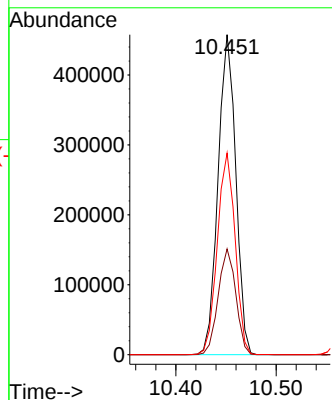
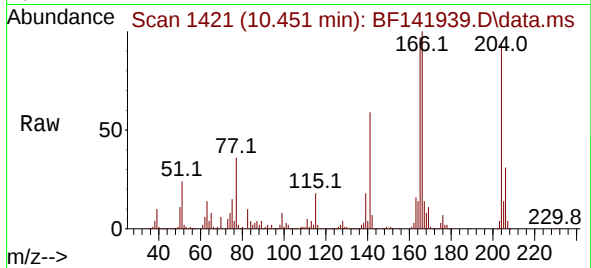




#61
4-Chlorophenyl-phenylether
Concen: 38.646 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF141939.D
Acq: 13 Mar 2025 12:17

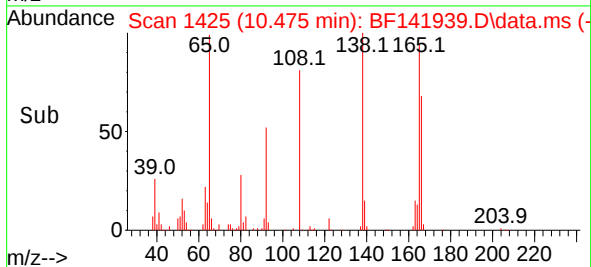
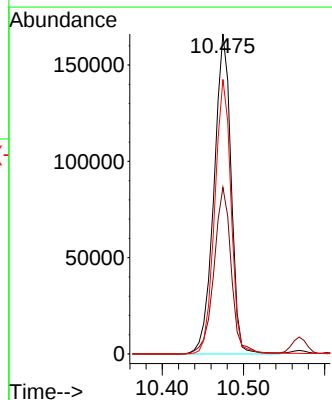
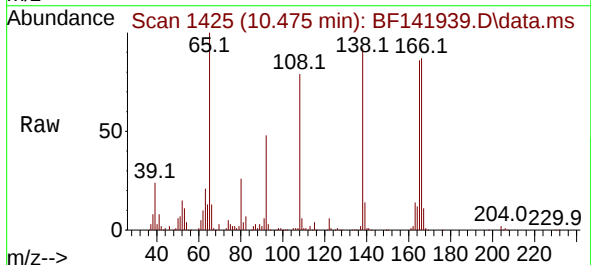
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

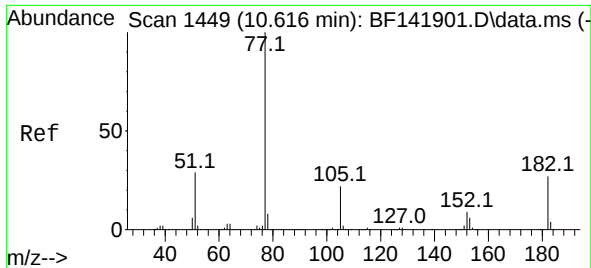
Tgt Ion:204 Resp: 559798
Ion Ratio Lower Upper
204 100
206 33.0 26.8 40.2
141 63.0 52.4 78.6



#62
4-Nitroaniline
Concen: 39.528 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF141939.D
Acq: 13 Mar 2025 12:17

Tgt Ion:138 Resp: 242993
Ion Ratio Lower Upper
138 100
92 52.1 32.6 72.6
108 85.8 65.0 105.0

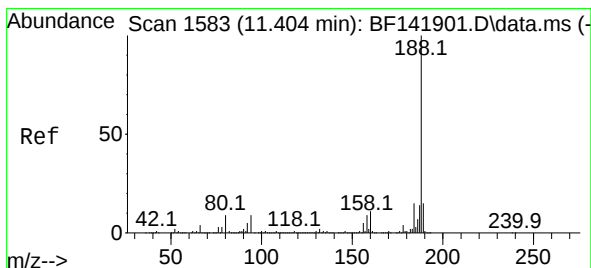
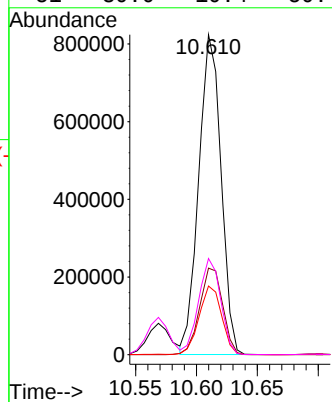
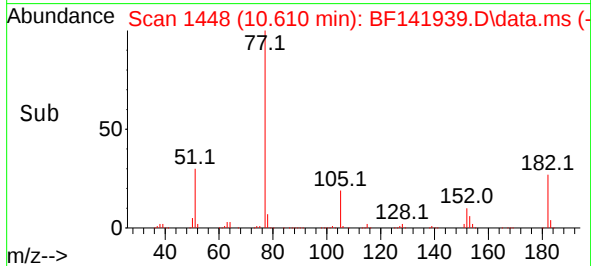
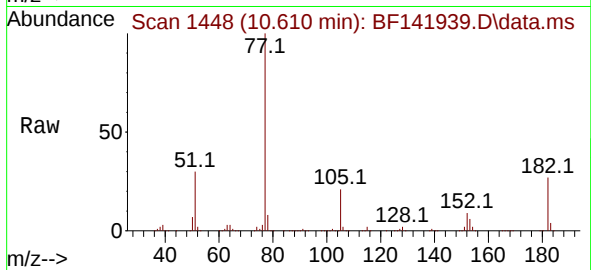




#63
Azobenzene
Concen: 37.888 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF141939.D
Acq: 13 Mar 2025 12:17

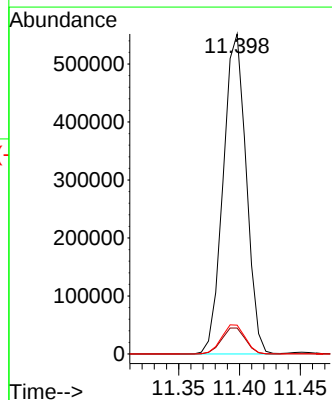
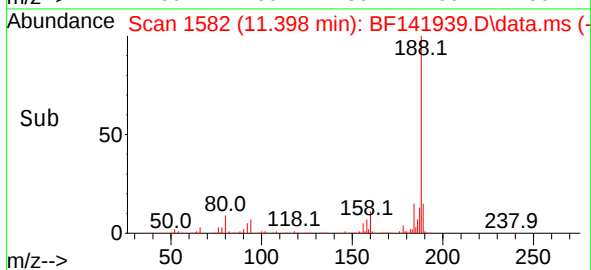
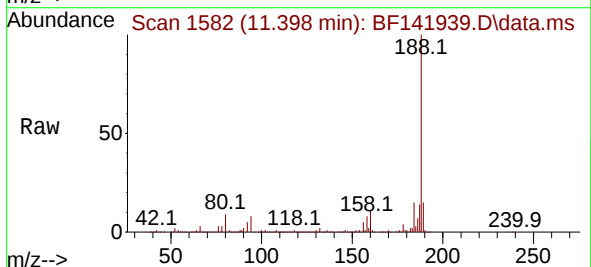
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

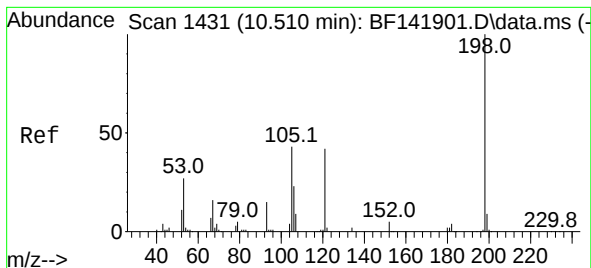
Tgt Ion: 77 Resp: 1050098
Ion Ratio Lower Upper
77 100
182 27.1 6.6 46.6
105 21.4 1.3 41.3
51 30.0 10.4 50.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF141939.D
Acq: 13 Mar 2025 12:17

Tgt Ion:188 Resp: 726402
Ion Ratio Lower Upper
188 100
94 8.1 6.8 10.2
80 9.0 7.6 11.4

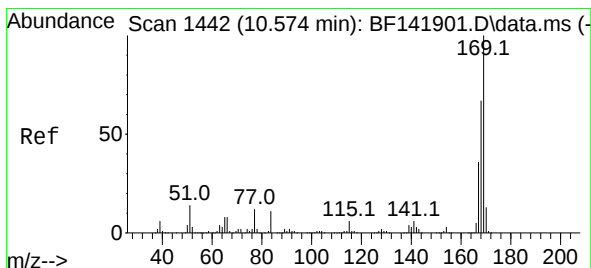
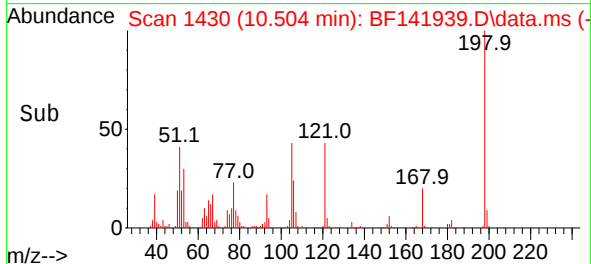
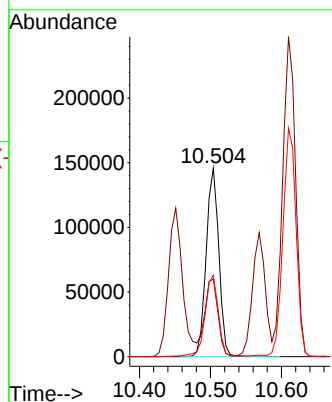
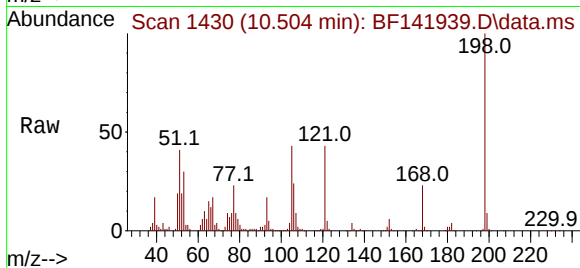




#65
4,6-Dinitro-2-methylphenol
Concen: 41.862 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF141939.D
Acq: 13 Mar 2025 12:17

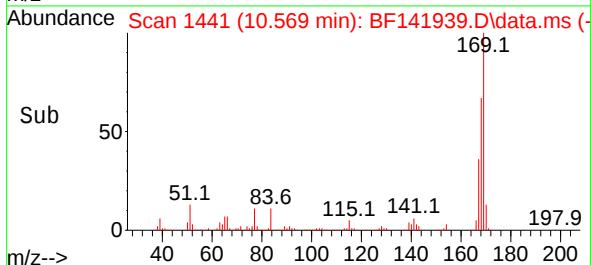
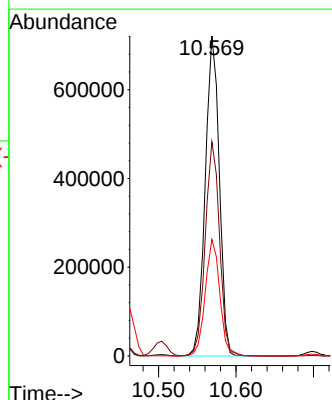
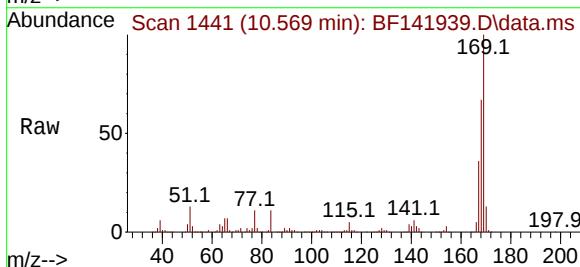
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

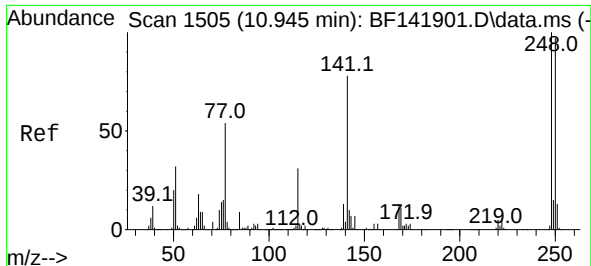
Tgt Ion:198 Resp: 181277
Ion Ratio Lower Upper
198 100
51 41.2 22.3 62.3
105 43.1 23.0 63.0



#66
n-Nitrosodiphenylamine
Concen: 38.576 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF141939.D
Acq: 13 Mar 2025 12:17

Tgt Ion:169 Resp: 906795
Ion Ratio Lower Upper
169 100
168 66.9 53.7 80.5
167 36.4 29.2 43.8

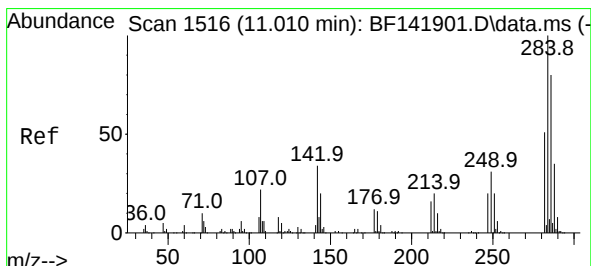
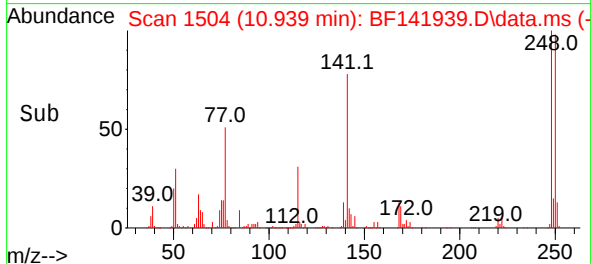
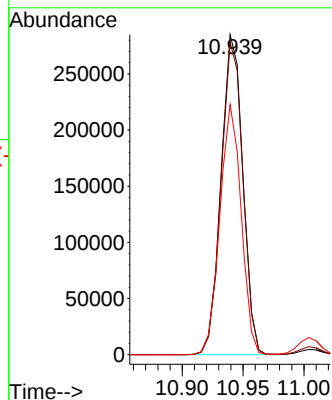
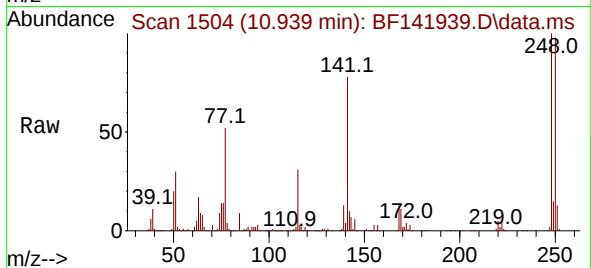




#67
4-Bromophenyl-phenylether
Concen: 38.946 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF141939.D
Acq: 13 Mar 2025 12:17

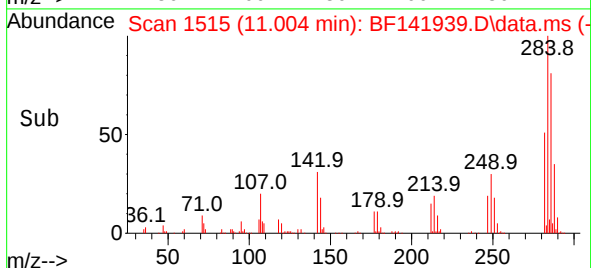
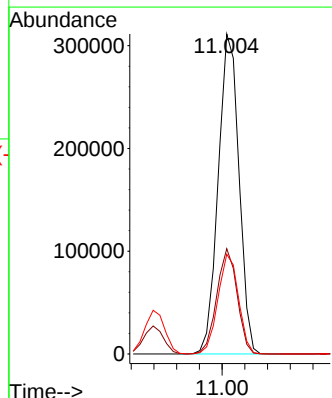
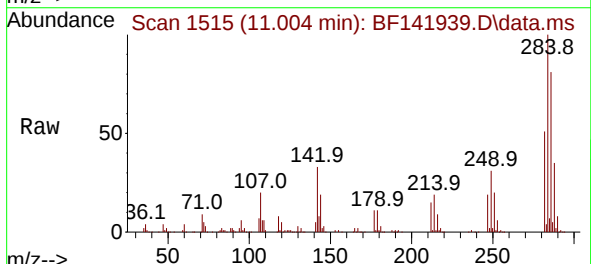
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

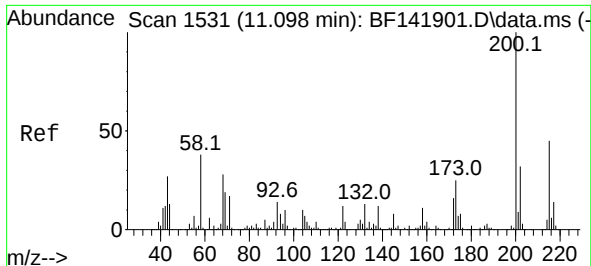
Tgt Ion:248 Resp: 355291
Ion Ratio Lower Upper
248 100
250 97.6 77.8 116.8
141 78.1 62.6 93.8



#68
Hexachlorobenzene
Concen: 39.530 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.006 min
Lab File: BF141939.D
Acq: 13 Mar 2025 12:17

Tgt Ion:284 Resp: 395519
Ion Ratio Lower Upper
284 100
142 32.9 27.0 40.6
249 31.1 25.2 37.8





#69

Atrazine

Concen: 33.164 ng

RT: 11.092 min Scan# 1531

Delta R.T. -0.006 min

Lab File: BF141939.D

Acq: 13 Mar 2025 12:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

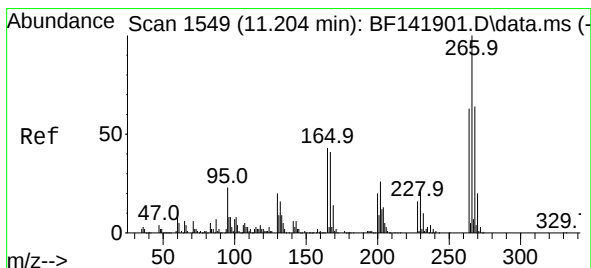
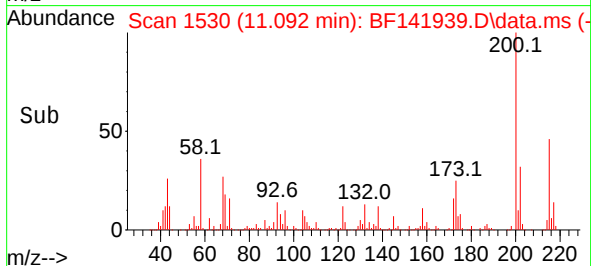
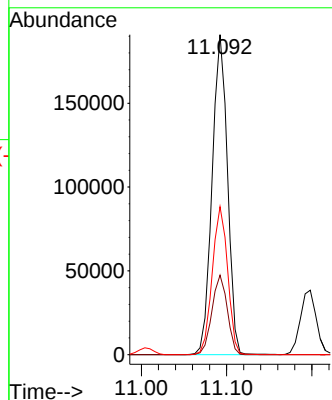
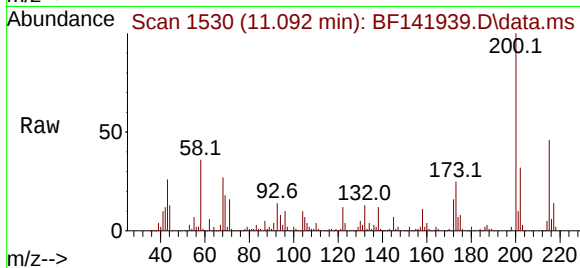
Tgt Ion:200 Resp: 238990

Ion Ratio Lower Upper

200 100

173 24.9 4.7 44.7

215 46.2 25.4 65.4



#70

Pentachlorophenol

Concen: 42.480 ng

RT: 11.198 min Scan# 1548

Delta R.T. -0.006 min

Lab File: BF141939.D

Acq: 13 Mar 2025 12:17

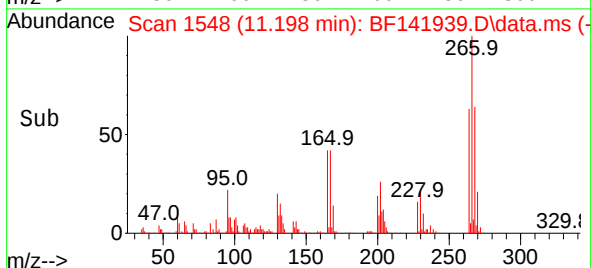
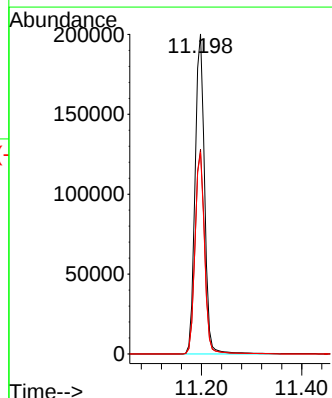
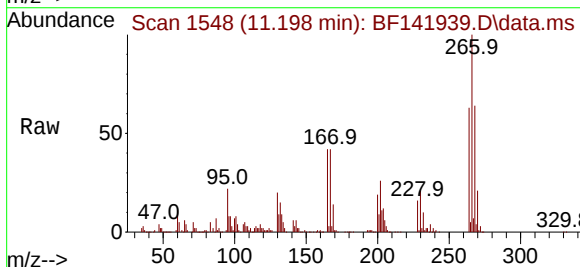
Tgt Ion:266 Resp: 261878

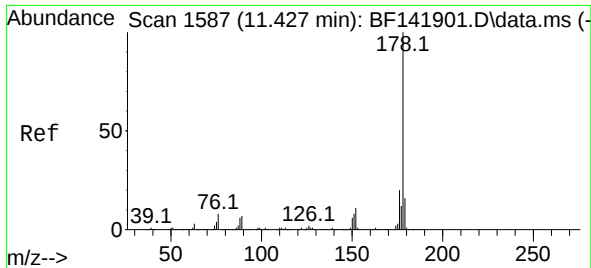
Ion Ratio Lower Upper

266 100

268 64.0 51.0 76.6

264 63.0 50.2 75.2

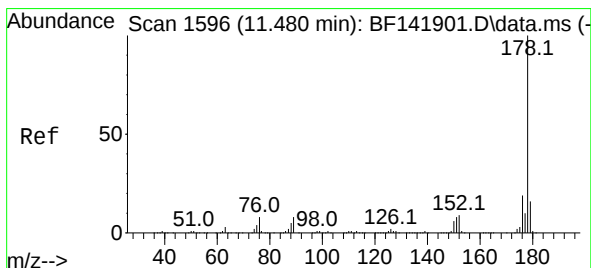
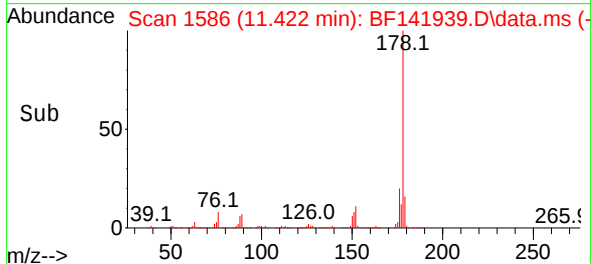
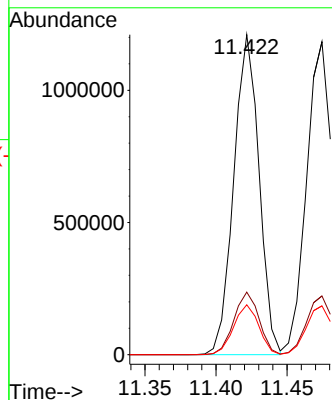
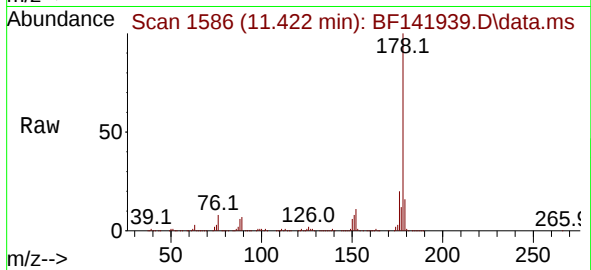




#71
Phenanthrene
Concen: 38.274 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF141939.D
Acq: 13 Mar 2025 12:17

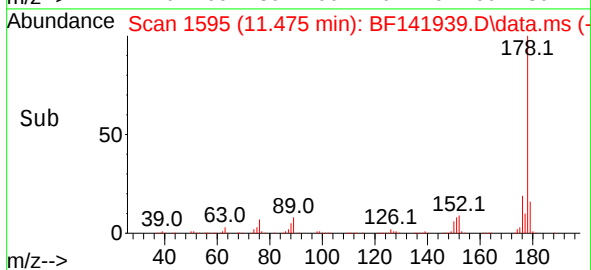
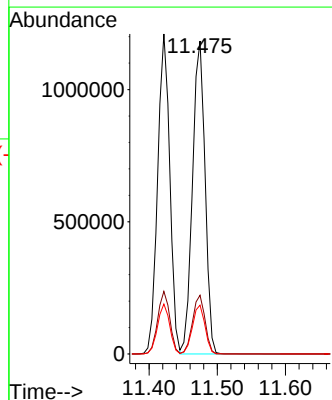
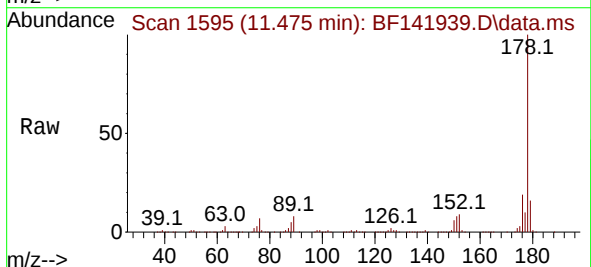
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

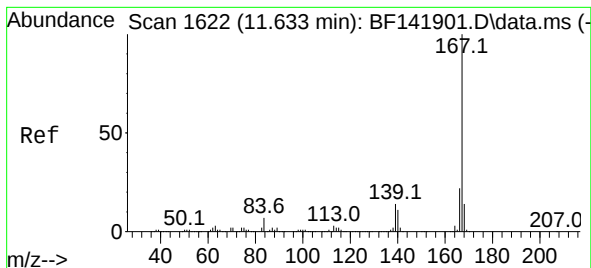
Tgt Ion:178 Resp: 1501673
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.8
179 15.6 12.6 19.0



#72
Anthracene
Concen: 38.288 ng
RT: 11.475 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF141939.D
Acq: 13 Mar 2025 12:17

Tgt Ion:178 Resp: 1507154
Ion Ratio Lower Upper
178 100
176 18.7 15.1 22.7
179 15.6 12.6 19.0





#73

Carbazole

Concen: 38.363 ng

RT: 11.627 min Scan# 1621

Delta R.T. -0.006 min

Lab File: BF141939.D

Acq: 13 Mar 2025 12:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

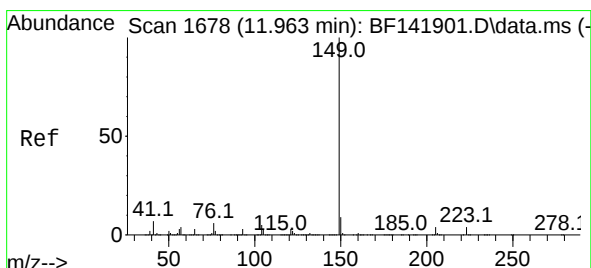
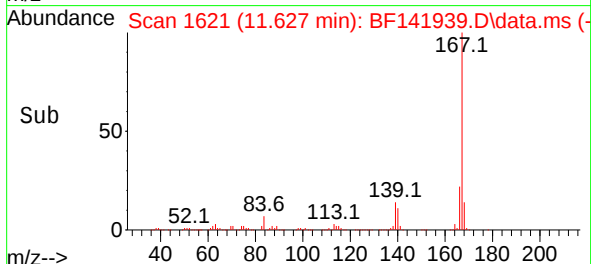
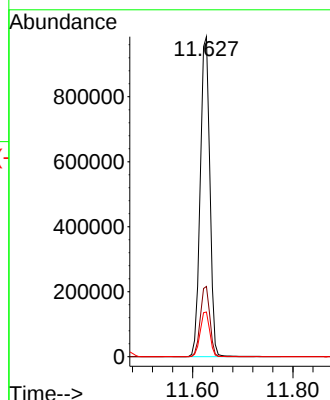
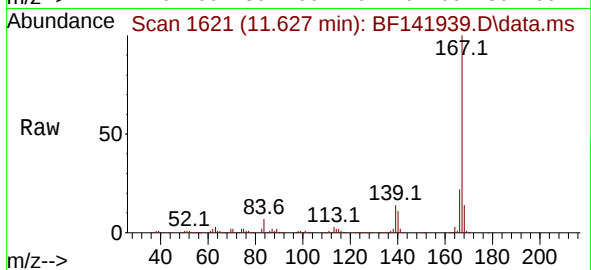
Tgt Ion:167 Resp: 1302310

Ion Ratio Lower Upper

167 100

166 22.0 17.4 26.2

139 14.0 11.0 16.6



#74

Di-n-butylphthalate

Concen: 37.983 ng

RT: 11.957 min Scan# 1677

Delta R.T. -0.006 min

Lab File: BF141939.D

Acq: 13 Mar 2025 12:17

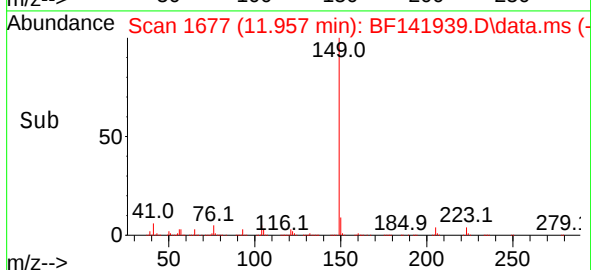
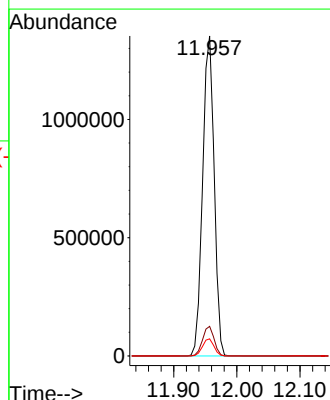
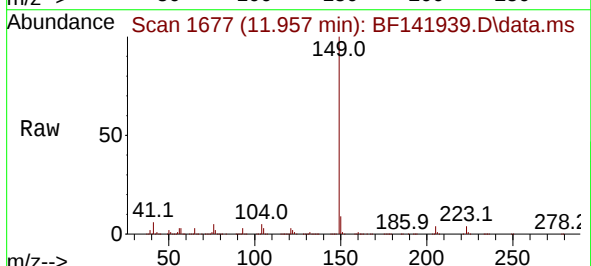
Tgt Ion:149 Resp: 1710894

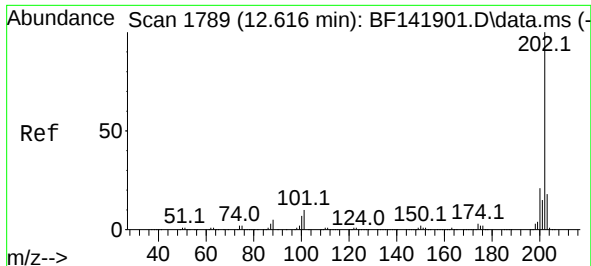
Ion Ratio Lower Upper

149 100

150 9.2 7.6 11.4

104 5.3 4.4 6.6

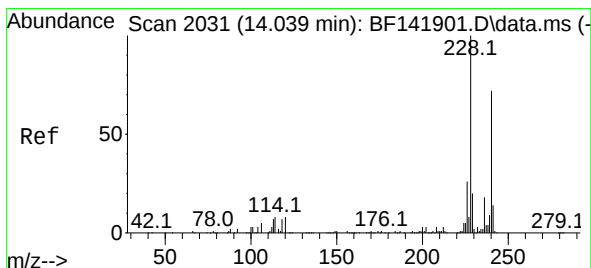
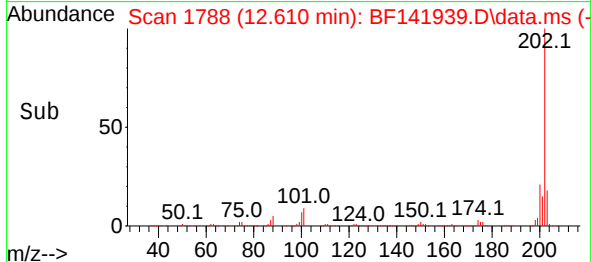
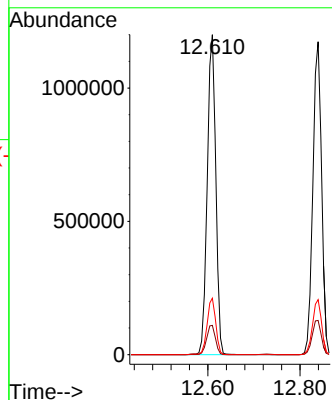
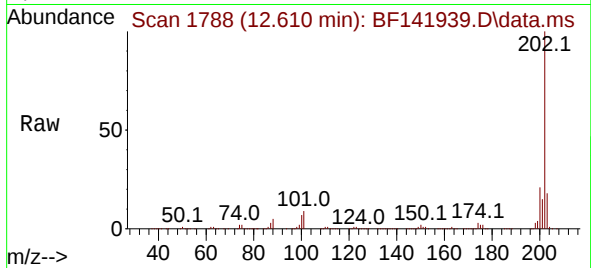




#75
Fluoranthene
Concen: 37.478 ng
RT: 12.610 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141939.D
Acq: 13 Mar 2025 12:17

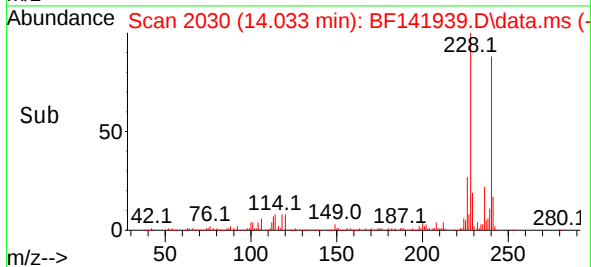
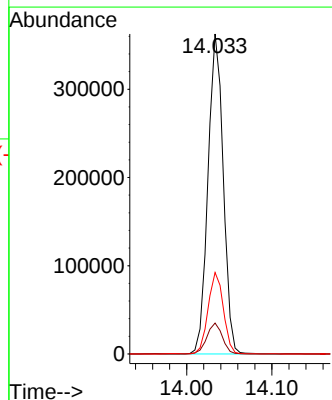
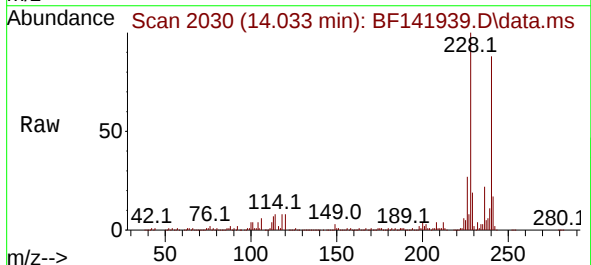
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

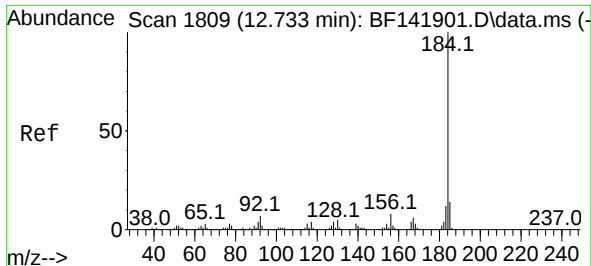
Tgt Ion:202 Resp: 1559838
Ion Ratio Lower Upper
202 100
101 9.1 0.0 29.7
203 17.6 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF141939.D
Acq: 13 Mar 2025 12:17

Tgt Ion:240 Resp: 451214
Ion Ratio Lower Upper
240 100
120 9.6 8.4 12.6
236 25.4 20.5 30.7

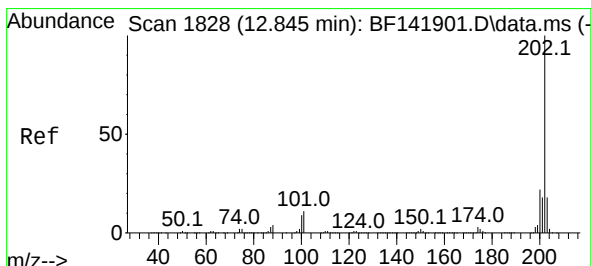
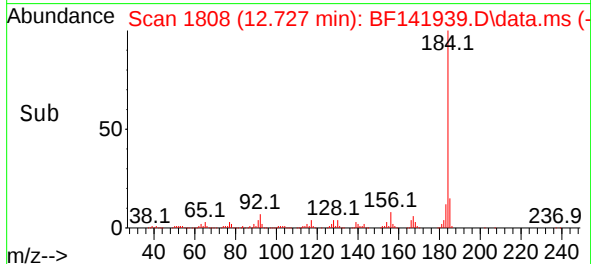
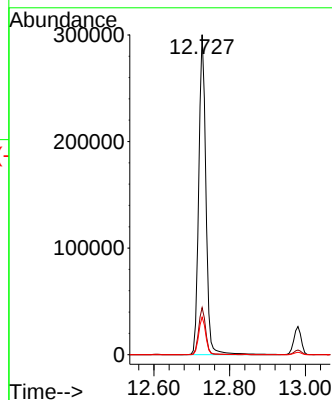
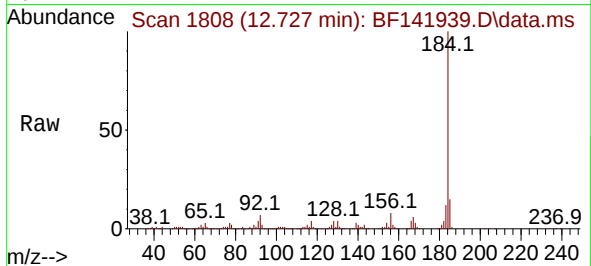




#77
Benzidine
Concen: 63.130 ng
RT: 12.727 min Scan# 1808
Delta R.T. -0.006 min
Lab File: BF141939.D
Acq: 13 Mar 2025 12:17

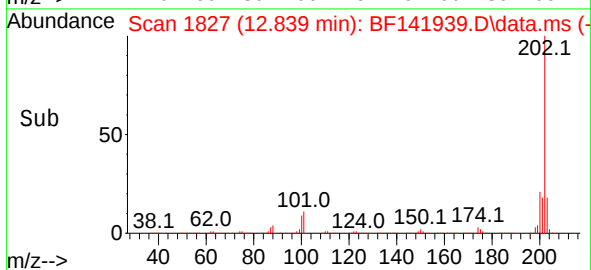
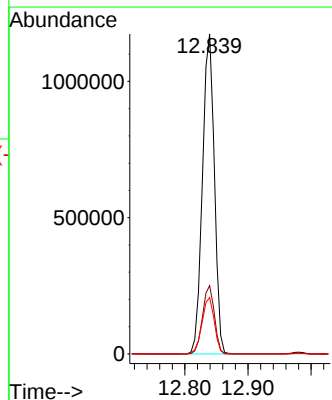
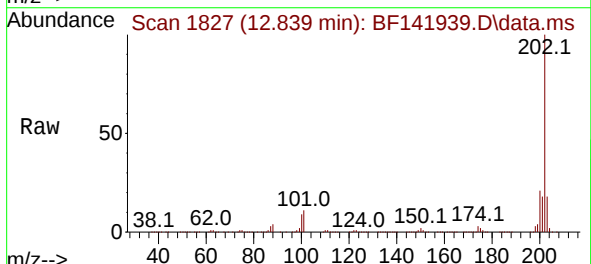
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

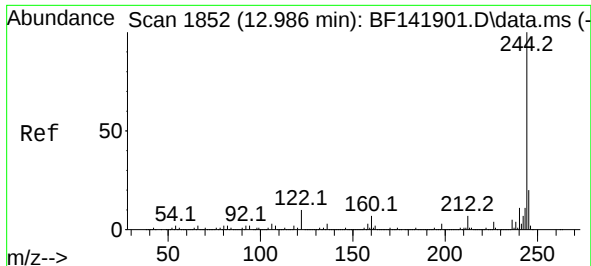
Tgt Ion:184 Resp: 397420
Ion Ratio Lower Upper
184 100
185 14.7 11.5 17.3
183 11.8 9.7 14.5



#78
Pyrene
Concen: 39.368 ng
RT: 12.839 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF141939.D
Acq: 13 Mar 2025 12:17

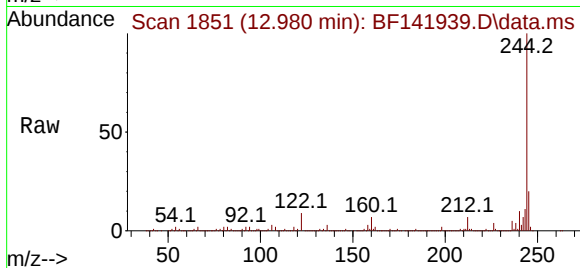
Tgt Ion:202 Resp: 1536542
Ion Ratio Lower Upper
202 100
200 21.3 17.3 25.9
203 17.6 14.4 21.6



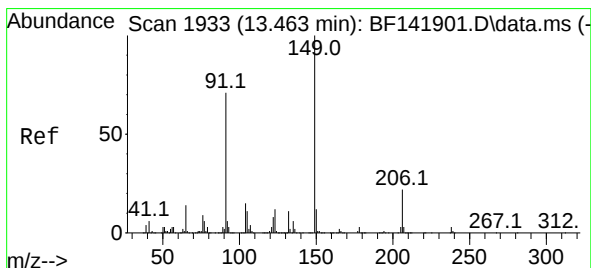
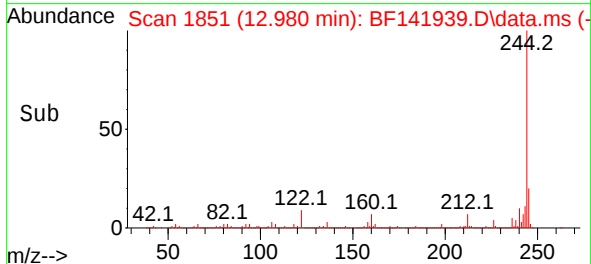
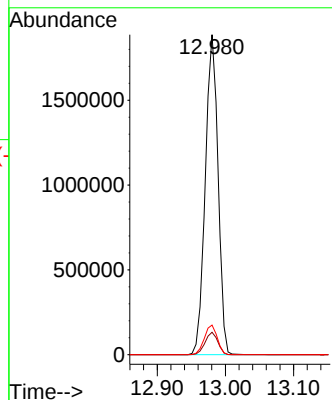


#79
Terphenyl-d14
Concen: 80.485 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF141939.D
Acq: 13 Mar 2025 12:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

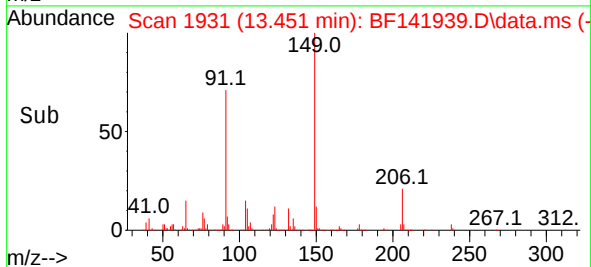
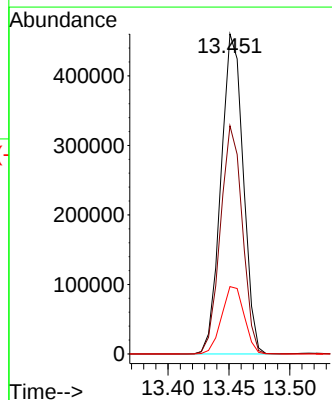
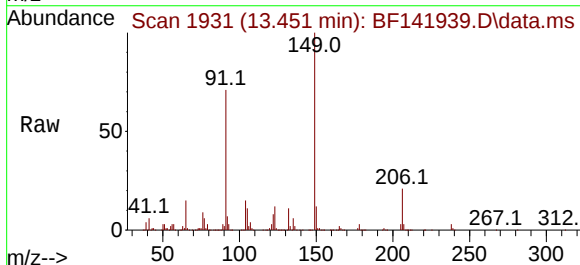


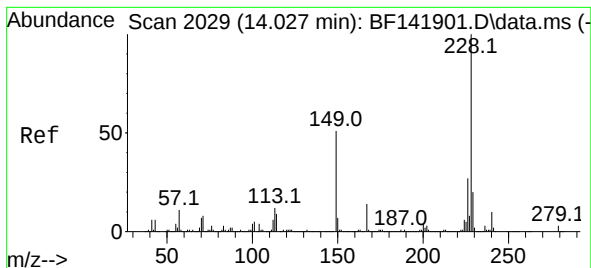
Tgt Ion:244 Resp: 2456339
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 9.2 7.7 11.5



#80
Butylbenzylphthalate
Concen: 38.339 ng
RT: 13.451 min Scan# 1931
Delta R.T. -0.012 min
Lab File: BF141939.D
Acq: 13 Mar 2025 12:17

Tgt Ion:149 Resp: 585688
Ion Ratio Lower Upper
149 100
91 71.3 56.5 84.7
206 21.0 17.3 25.9





#81

Benzo(a)anthracene

Concen: 38.137 ng

RT: 14.021 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF141939.D

Acq: 13 Mar 2025 12:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

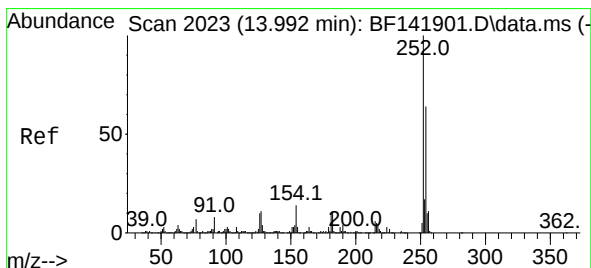
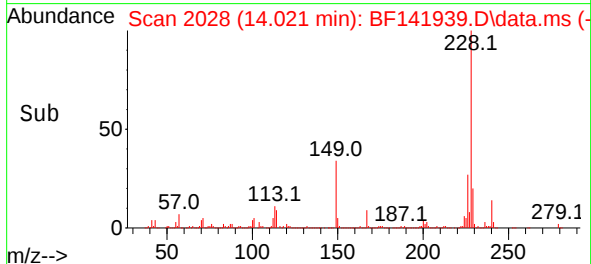
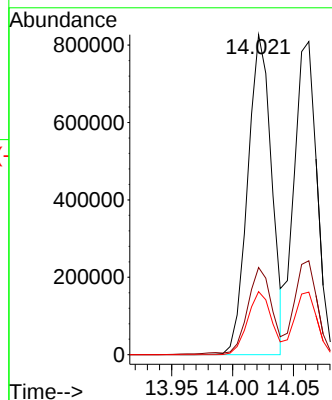
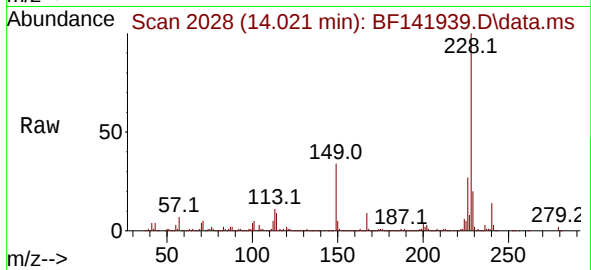
Tgt Ion:228 Resp: 1129185

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.8

229 19.7 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 41.361 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF141939.D

Acq: 13 Mar 2025 12:17

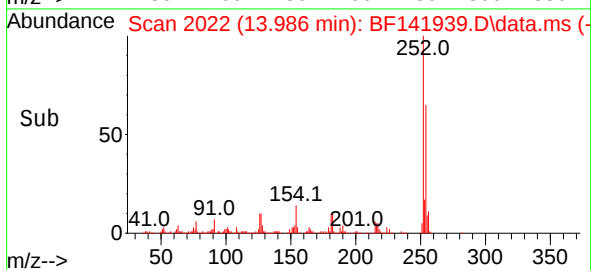
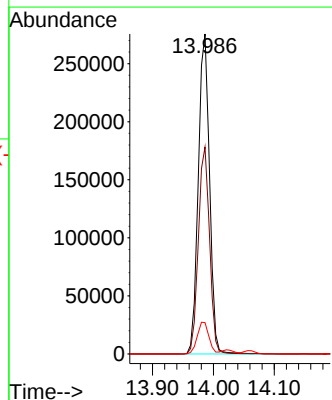
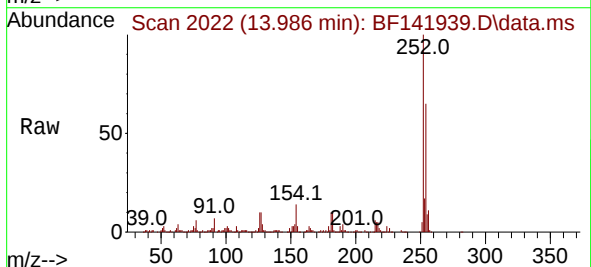
Tgt Ion:252 Resp: 353908

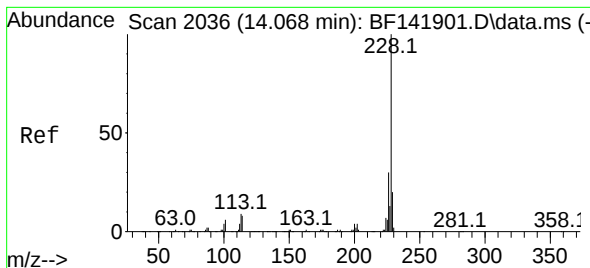
Ion Ratio Lower Upper

252 100

254 64.7 51.0 76.6

126 9.8 8.4 12.6





#83

Chrysene

Concen: 39.214 ng

RT: 14.063 min Scan# 2036

Delta R.T. -0.006 min

Lab File: BF141939.D

Acq: 13 Mar 2025 12:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

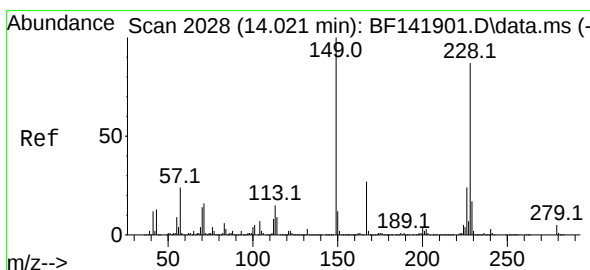
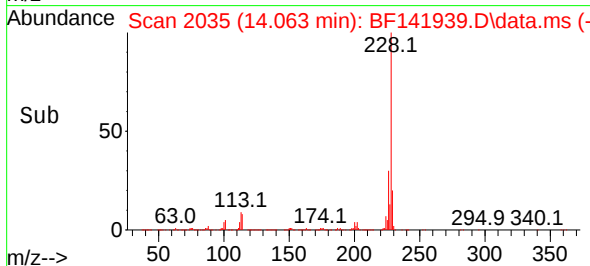
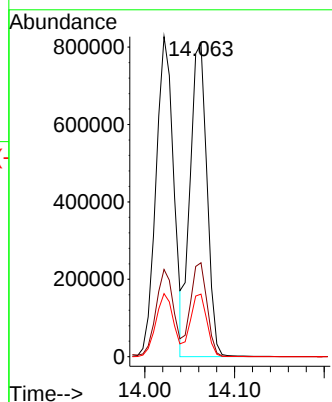
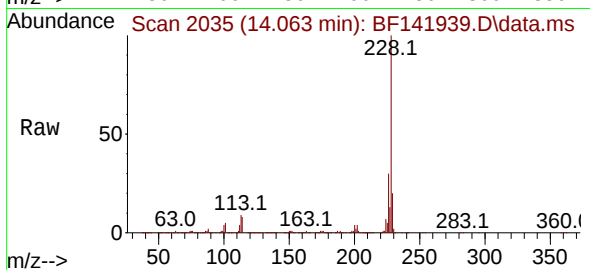
Tgt Ion:228 Resp: 1052493

Ion Ratio Lower Upper

228 100

226 30.0 24.1 36.1

229 20.0 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.599 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.012 min

Lab File: BF141939.D

Acq: 13 Mar 2025 12:17

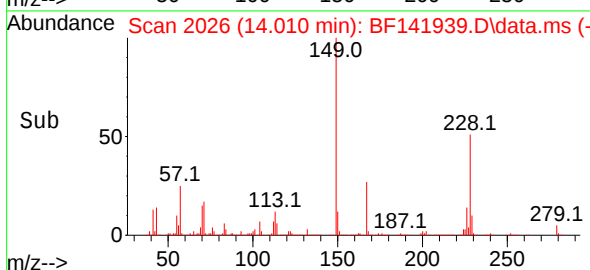
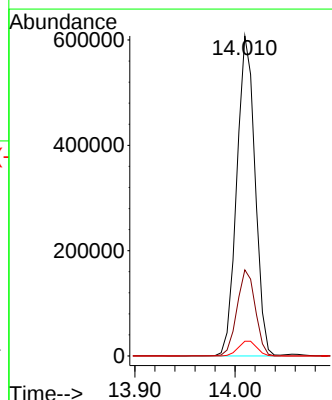
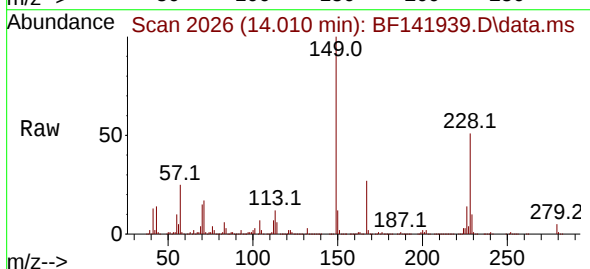
Tgt Ion:149 Resp: 770893

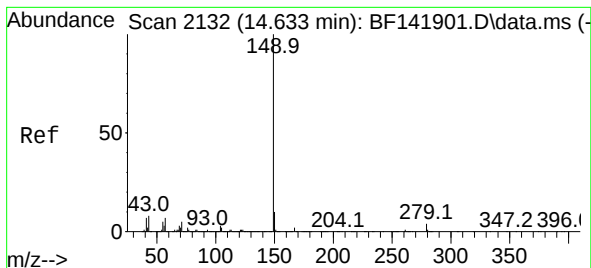
Ion Ratio Lower Upper

149 100

167 26.9 21.4 32.0

279 4.6 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 37.251 ng

RT: 14.621 min Scan# 2130

Delta R.T. -0.012 min

Lab File: BF141939.D

Acq: 13 Mar 2025 12:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

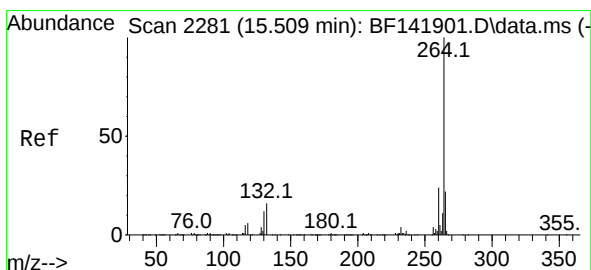
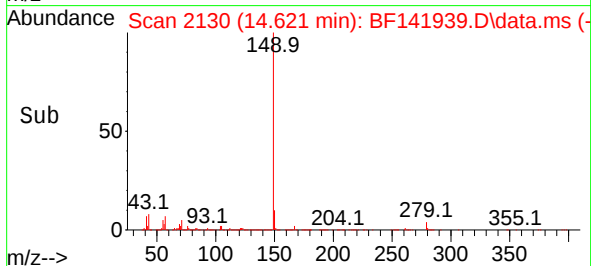
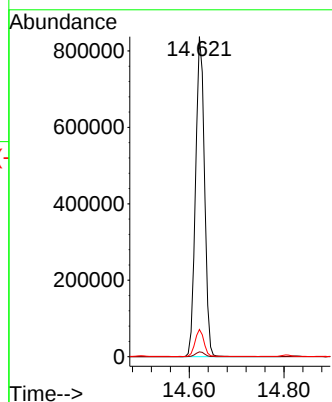
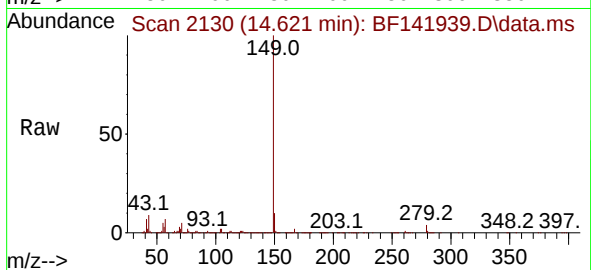
Tgt Ion:149 Resp: 1091714

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.4 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 2280

Delta R.T. -0.006 min

Lab File: BF141939.D

Acq: 13 Mar 2025 12:17

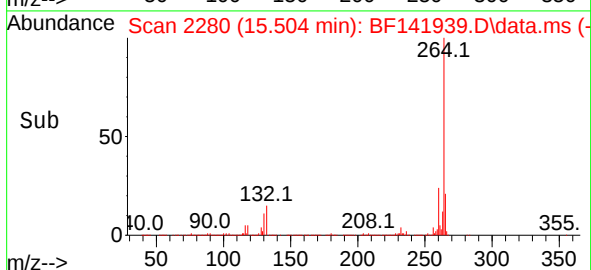
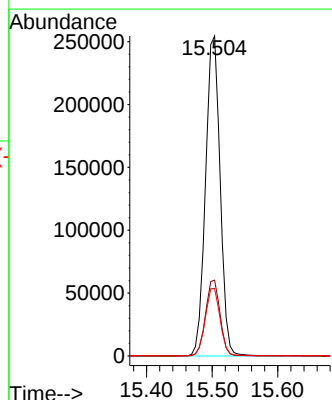
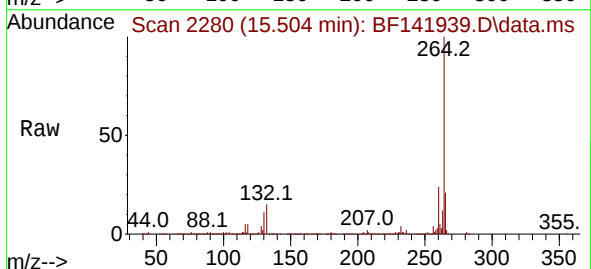
Tgt Ion:264 Resp: 394917

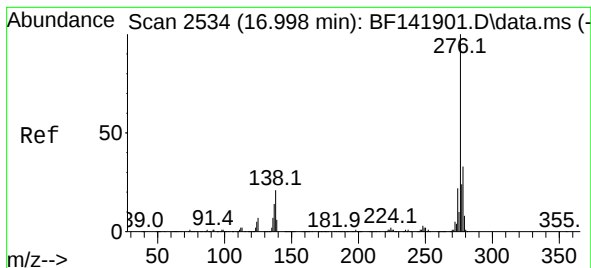
Ion Ratio Lower Upper

264 100

260 23.7 19.1 28.7

265 21.1 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.580 ng

RT: 16.986 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF141939.D

Acq: 13 Mar 2025 12:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

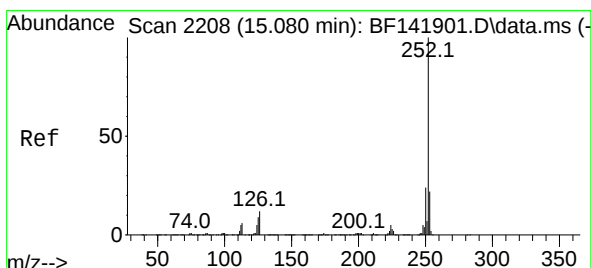
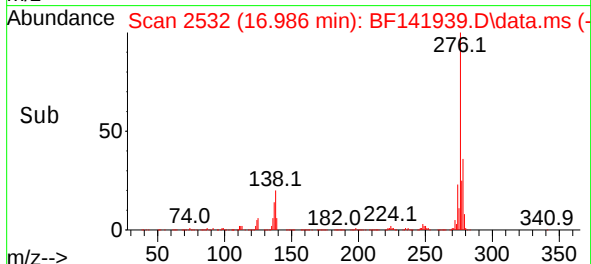
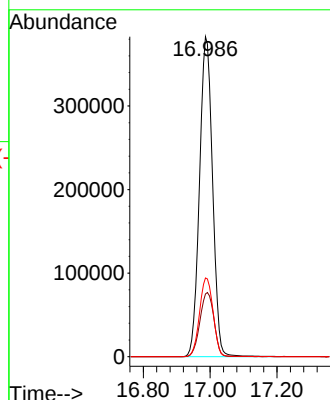
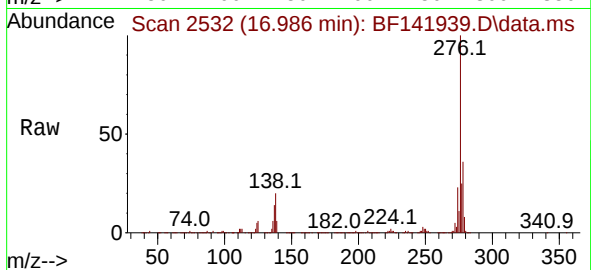
Tgt Ion:276 Resp: 1036676

Ion Ratio Lower Upper

276 100

138 21.6 18.4 27.6

277 25.5 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 36.786 ng

RT: 15.074 min Scan# 2207

Delta R.T. -0.006 min

Lab File: BF141939.D

Acq: 13 Mar 2025 12:17

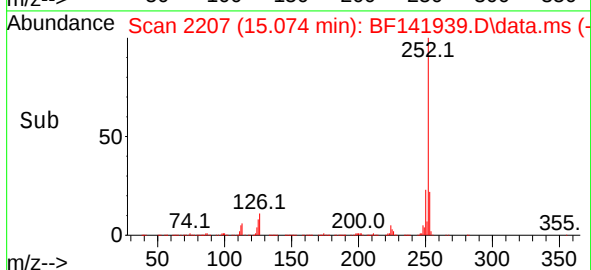
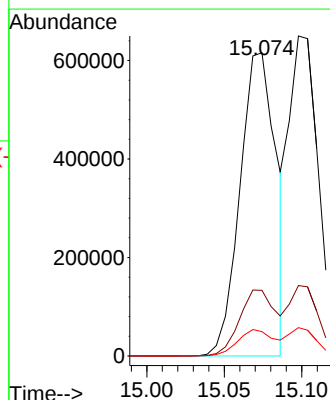
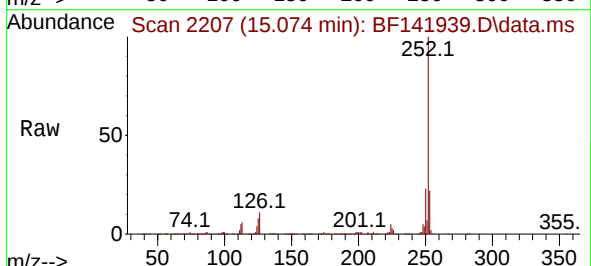
Tgt Ion:252 Resp: 995633

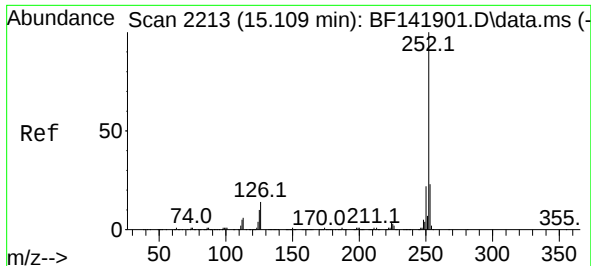
Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 8.0 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 37.223 ng

RT: 15.098 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF141939.D

Acq: 13 Mar 2025 12:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

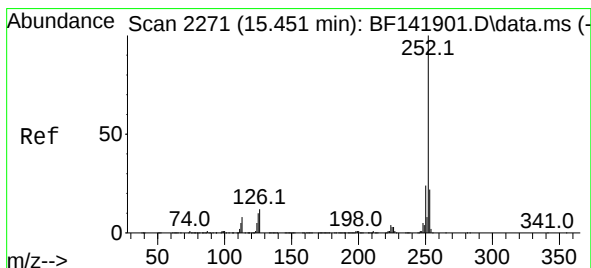
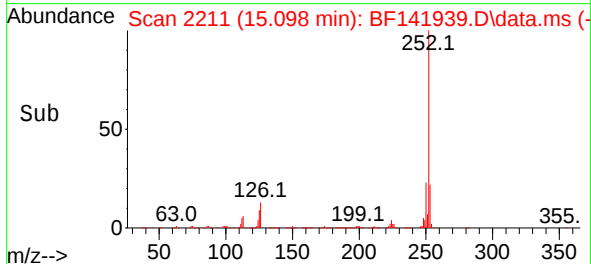
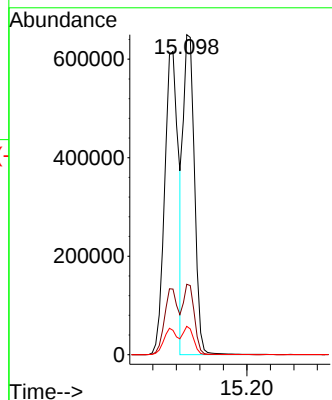
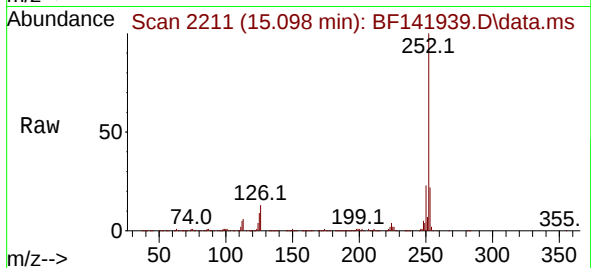
Tgt Ion:252 Resp: 862161

Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 8.8 7.2 10.8



#90

Benzo(a)pyrene

Concen: 38.240 ng

RT: 15.439 min Scan# 2269

Delta R.T. -0.012 min

Lab File: BF141939.D

Acq: 13 Mar 2025 12:17

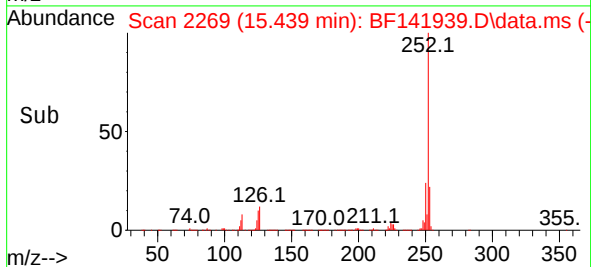
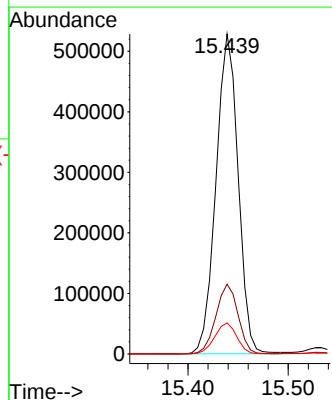
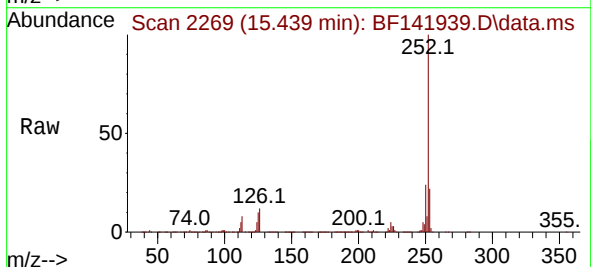
Tgt Ion:252 Resp: 809840

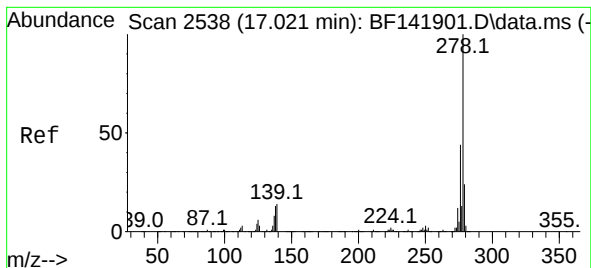
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

125 9.7 7.8 11.8





#91

Dibenzo(a,h)anthracene

Concen: 40.945 ng

RT: 17.004 min Scan# 2609

Delta R.T. -0.018 min

Lab File: BF141939.D

Acq: 13 Mar 2025 12:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

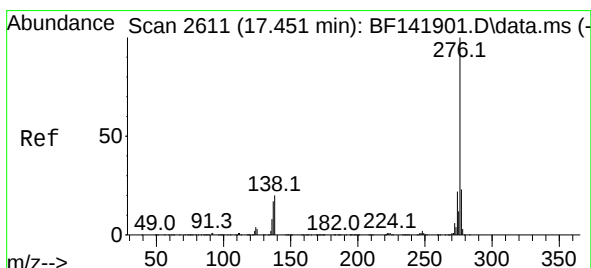
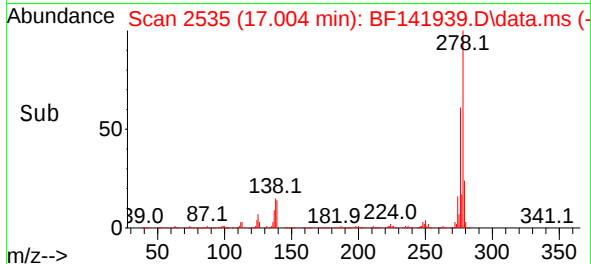
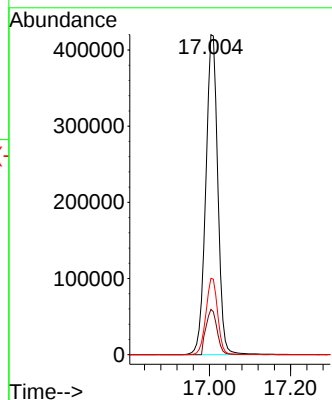
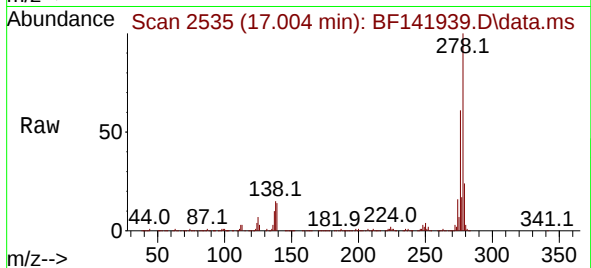
Tgt Ion:278 Resp: 863026

Ion Ratio Lower Upper

278 100

139 14.1 11.4 17.2

279 23.8 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 41.473 ng

RT: 17.439 min Scan# 2609

Delta R.T. -0.012 min

Lab File: BF141939.D

Acq: 13 Mar 2025 12:17

Tgt Ion:276 Resp: 863842

Ion Ratio Lower Upper

276 100

277 23.8 18.7 28.1

138 18.3 15.8 23.8

