

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031225\
 Data File : BF141931.D
 Acq On : 12 Mar 2025 10:08
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 12 11:51:51 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	6.881	152	164449	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	621435	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	348146	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	605778	20.000	ng	0.00
76) Chrysene-d12	14.039	240	481594	20.000	ng	0.00
86) Perylene-d12	15.510	264	422923	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	771378	78.286	ng	0.00
7) Phenol-d6	6.504	99	950514	75.765	ng	0.00
23) Nitrobenzene-d5	7.445	82	873829	79.132	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	353302	79.992	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1761937	76.967	ng	0.00
79) Terphenyl-d14	12.986	244	2208503	67.799	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.646	88	159042	38.522	ng	99
3) Pyridine	3.416	79	389523	38.463	ng	99
4) n-Nitrosodimethylamine	3.363	42	184273	38.171	ng	100
6) Aniline	6.545	93	454140	36.695	ng	99
8) 2-Chlorophenol	6.669	128	417828	38.234	ng	99
9) Benzaldehyde	6.434	77	267628	38.143	ng	99
10) Phenol	6.516	94	505571	38.306	ng	99
11) bis(2-Chloroethyl)ether	6.616	93	364772	36.807	ng	99
12) 1,3-Dichlorobenzene	6.822	146	449929	38.136	ng	100
13) 1,4-Dichlorobenzene	6.898	146	457684	38.341	ng	100
14) 1,2-Dichlorobenzene	7.051	146	430324	38.273	ng	99
15) Benzyl Alcohol	7.022	79	384745	37.934	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	415279	34.709	ng	99
17) 2-Methylphenol	7.128	107	320375	36.871	ng	99
18) Hexachloroethane	7.392	117	170661	38.125	ng	99
19) n-Nitroso-di-n-propyla...	7.292	70	281413	34.909	ng	99
20) 3+4-Methylphenols	7.281	107	415467	37.330	ng	95
22) Acetophenone	7.292	105	569612	38.275	ng	98
24) Nitrobenzene	7.463	77	427745	38.965	ng	99
25) Isophorone	7.698	82	721655	36.971	ng	99
26) 2-Nitrophenol	7.775	139	218139	40.487	ng	96
27) 2,4-Dimethylphenol	7.810	122	282241	38.044	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	453054	37.005	ng	99
29) 2,4-Dichlorophenol	8.016	162	353771	38.418	ng	100
30) 1,2,4-Trichlorobenzene	8.104	180	394814	38.905	ng	99
31) Naphthalene	8.186	128	1238698	38.804	ng	100
32) Benzoic acid	7.916	122	274940	42.159	ng	99
33) 4-Chloroaniline	8.228	127	425659	37.773	ng	100
34) Hexachlorobutadiene	8.304	225	260133	39.306	ng	99
35) Caprolactam	8.598	113	106653	37.989	ng	93
36) 4-Chloro-3-methylphenol	8.704	107	387740	37.747	ng	98
37) 2-Methylnaphthalene	8.875	142	812618	38.085	ng	100
38) 1-Methylnaphthalene	8.975	142	781519	37.956	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	413640	39.024	ng	99
41) Hexachlorocyclopentadiene	9.028	237	171856	41.428	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	272850	39.388	ng	100

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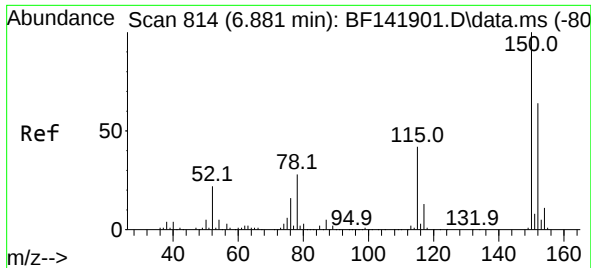
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	270479	38.552	ng	99
46) 1,1'-Biphenyl	9.339	154	1031117	38.980	ng	99
47) 2-Chloronaphthalene	9.363	162	759954	38.544	ng	99
48) 2-Nitroaniline	9.457	65	221467	38.794	ng	97
49) Acenaphthylene	9.781	152	1142019	39.032	ng	100
50) Dimethylphthalate	9.639	163	922073	37.821	ng	100
51) 2,6-Dinitrotoluene	9.698	165	201790	39.753	ng	94
52) Acenaphthene	9.951	154	805141	39.158	ng	99
53) 3-Nitroaniline	9.869	138	204438	39.704	ng	97
54) 2,4-Dinitrophenol	9.969	184	109284	41.352	ng #	74
55) Dibenzofuran	10.122	168	1123580	38.243	ng	99
56) 4-Nitrophenol	10.016	139	170597	43.934	ng	99
57) 2,4-Dinitrotoluene	10.098	165	270528	40.804	ng	99
58) Fluorene	10.463	166	864779	38.168	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	251127	39.335	ng	97
60) Diethylphthalate	10.333	149	930008	38.257	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	455903	38.596	ng	98
62) 4-Nitroaniline	10.480	138	208211	41.535	ng	99
63) Azobenzene	10.616	77	853737	37.774	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	154648	42.823	ng	96
66) n-Nitrosodiphenylamine	10.575	169	738374	37.666	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	289702	38.079	ng	99
68) Hexachlorobenzene	11.010	284	321187	38.493	ng	99
69) Atrazine	11.098	200	197072	32.793	ng	99
70) Pentachlorophenol	11.204	266	221968	43.176	ng	99
71) Phenanthrene	11.427	178	1260955	38.538	ng	99
72) Anthracene	11.480	178	1264363	38.516	ng	100
73) Carbazole	11.633	167	1135803	40.120	ng	100
74) Di-n-butylphthalate	11.963	149	1426682	37.980	ng	99
75) Fluoranthene	12.616	202	1394563	40.179	ng	99
77) Benzidine	12.733	184	424714	63.210	ng	100
78) Pyrene	12.845	202	1403910	33.701	ng	99
80) Butylbenzylphthalate	13.457	149	570029	34.960	ng	99
81) Benzo(a)anthracene	14.027	228	1171992	37.086	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	383617	42.005	ng	99
83) Chrysene	14.068	228	1115589	38.943	ng	100
84) Bis(2-ethylhexyl)phtha...	14.016	149	772514	34.362	ng	99
85) Di-n-octyl phthalate	14.627	149	1194710	38.193	ng	99
87) Indeno(1,2,3-cd)pyrene	17.004	276	1058431	38.688	ng	98
88) Benzo(b)fluoranthene	15.080	252	1015154	35.023	ng	100
89) Benzo(k)fluoranthene	15.110	252	993652	40.059	ng	99
90) Benzo(a)pyrene	15.451	252	866392	38.201	ng	99
91) Dibenzo(a,h)anthracene	17.021	278	869970	38.541	ng	99
92) Benzo(g,h,i)perylene	17.456	276	887990	39.809	ng	98

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

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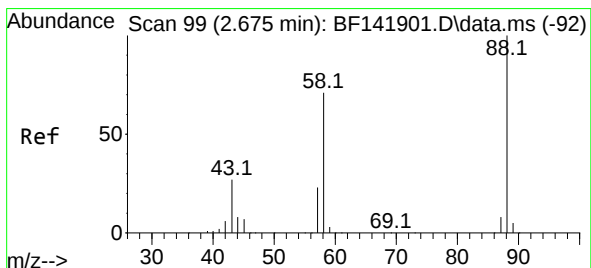
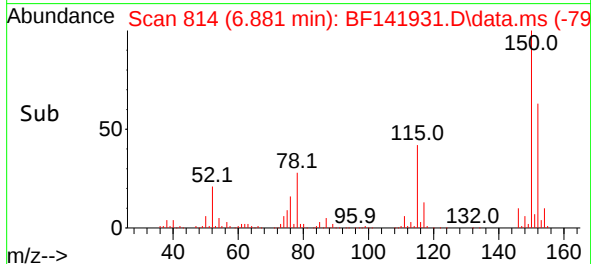
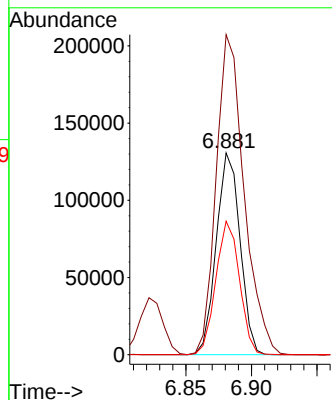
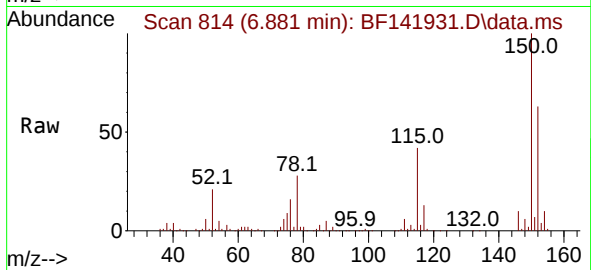




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 814
 Delta R.T. -0.000 min
 Lab File: BF141931.D
 Acq: 12 Mar 2025 10:08

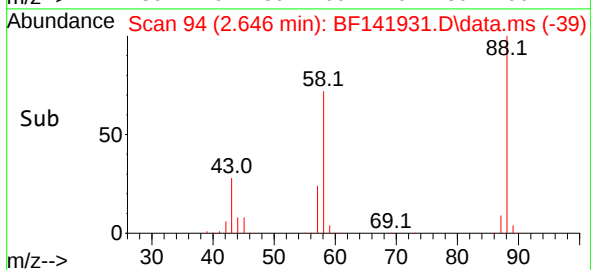
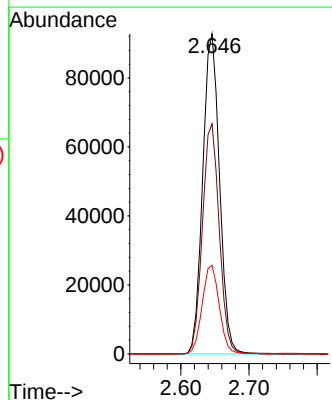
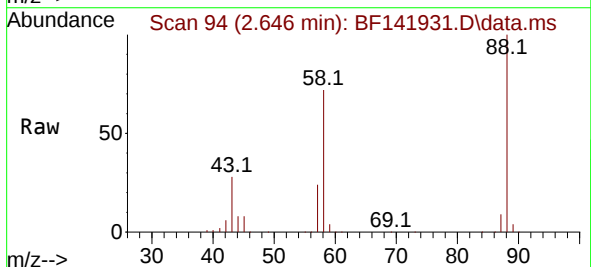
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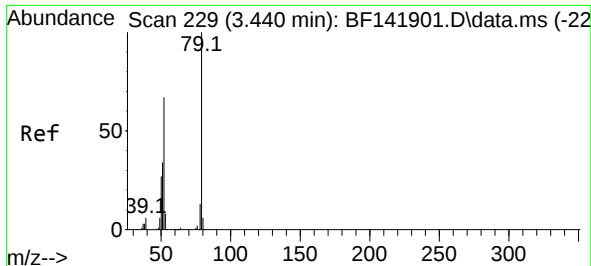
Tgt Ion:152 Resp: 164449
 Ion Ratio Lower Upper
 152 100
 150 158.6 127.4 191.2
 115 66.2 51.9 77.9



#2
 1,4-Dioxane
 Concen: 38.522 ng
 RT: 2.646 min Scan# 94
 Delta R.T. -0.029 min
 Lab File: BF141931.D
 Acq: 12 Mar 2025 10:08

Tgt Ion: 88 Resp: 159042
 Ion Ratio Lower Upper
 88 100
 58 71.9 57.4 86.2
 43 28.5 21.5 32.3

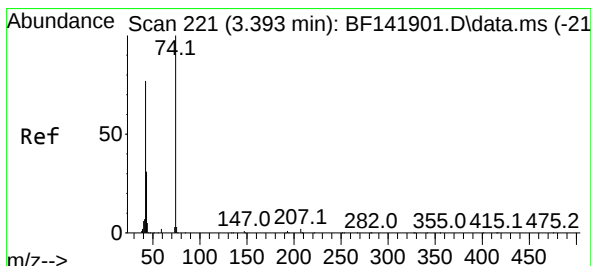
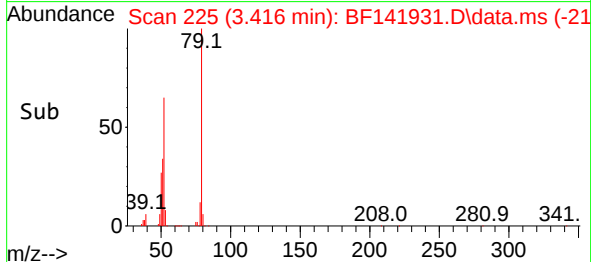
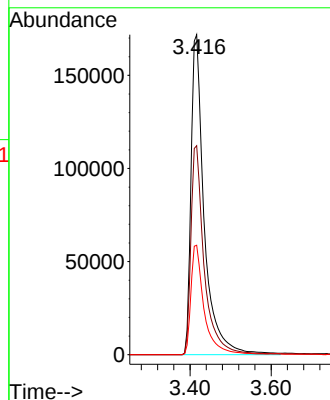
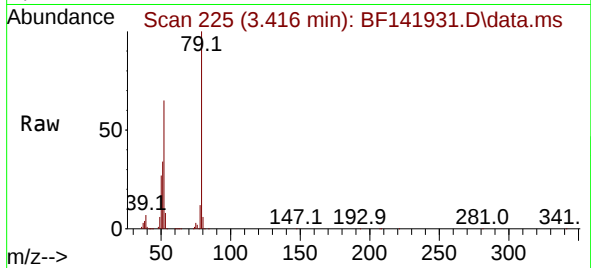




#3
Pyridine
Concen: 38.463 ng
RT: 3.416 min Scan# 216
Delta R.T. -0.023 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

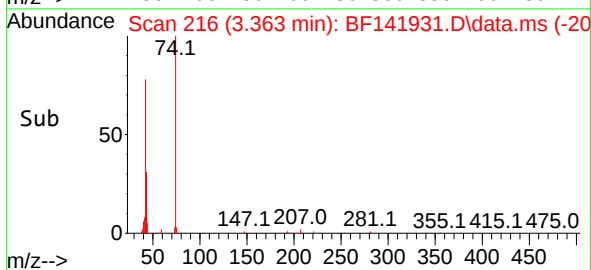
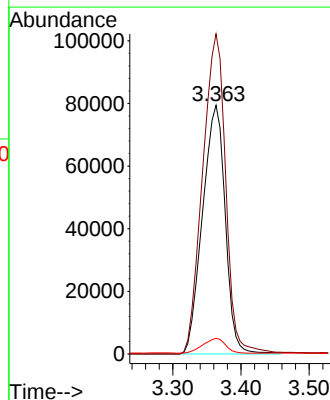
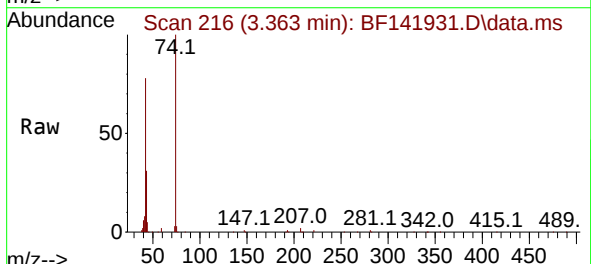
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ClientSampleId :
SSTDCCC040

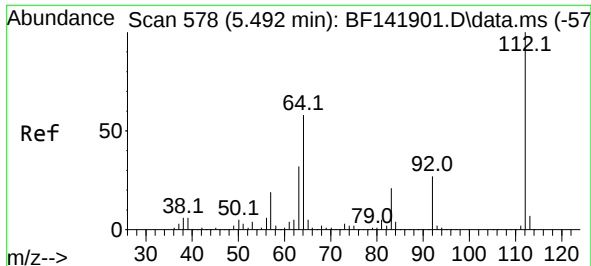
Tgt Ion: 79 Resp: 389523
Ion Ratio Lower Upper
79 100
52 65.3 53.3 79.9
51 34.2 27.6 41.4



#4
n-Nitrosodimethylamine
Concen: 38.171 ng
RT: 3.363 min Scan# 216
Delta R.T. -0.029 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion: 42 Resp: 184273
Ion Ratio Lower Upper
42 100
74 128.7 103.4 155.0
44 6.3 5.0 7.4

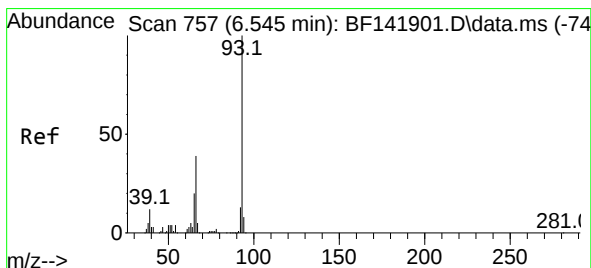
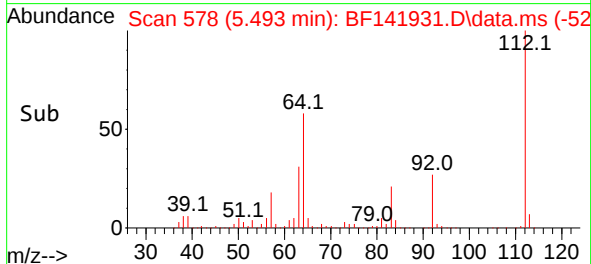
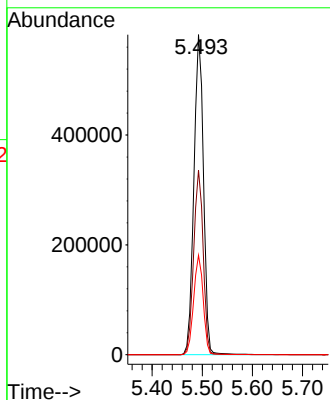
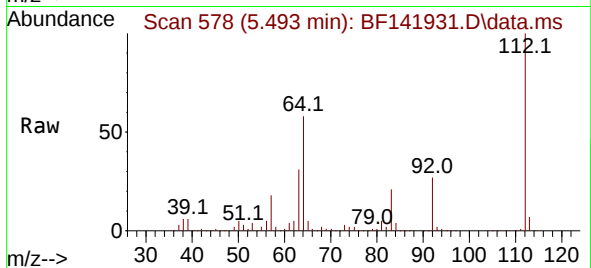




#5
2-Fluorophenol
Concen: 78.286 ng
RT: 5.493 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

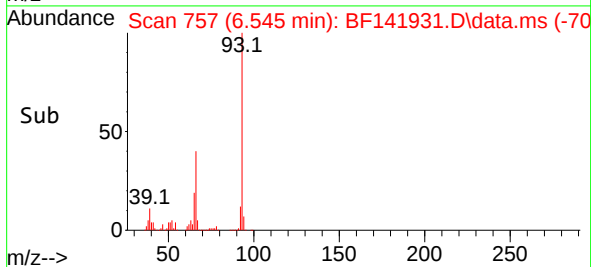
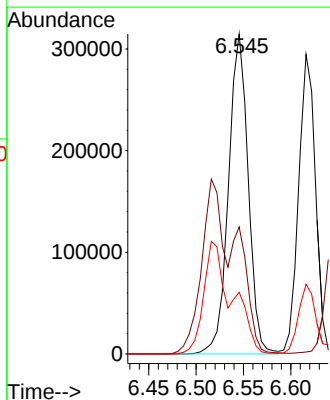
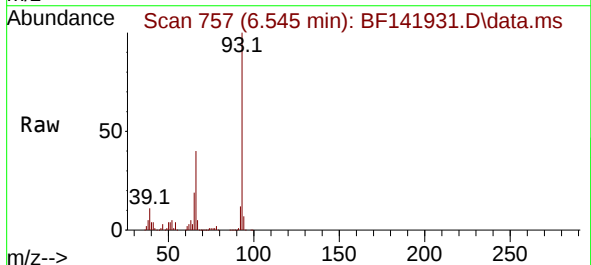
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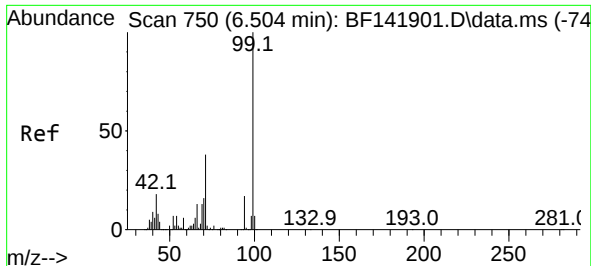
Tgt Ion:112 Resp: 771378
Ion Ratio Lower Upper
112 100
64 57.6 46.5 69.7
63 31.0 25.4 38.2



#6
Aniline
Concen: 36.695 ng
RT: 6.545 min Scan# 757
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion: 93 Resp: 454140
Ion Ratio Lower Upper
93 100
66 39.7 31.9 47.9
65 19.2 15.8 23.6

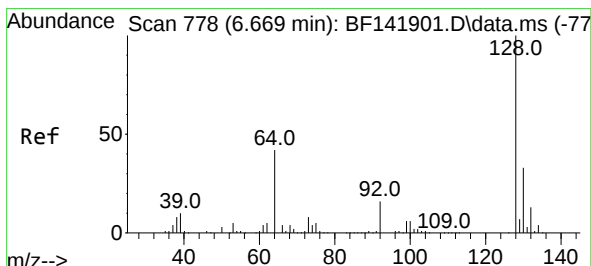
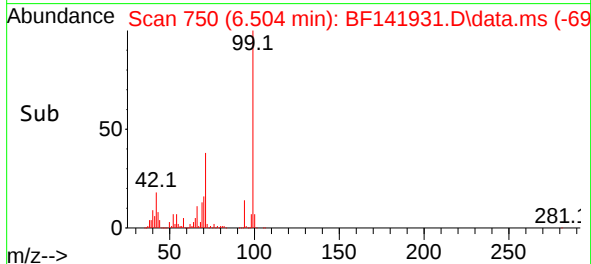
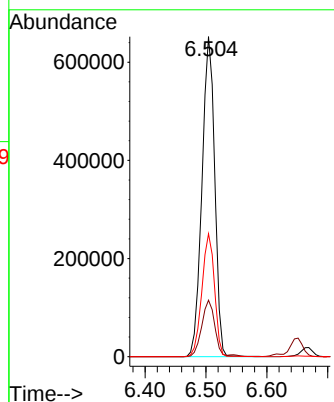
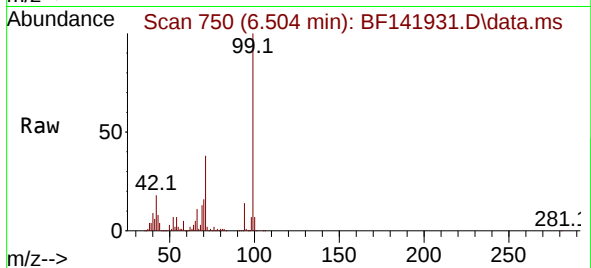




#7
Phenol-d6
Concen: 75.765 ng
RT: 6.504 min Scan# 714
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

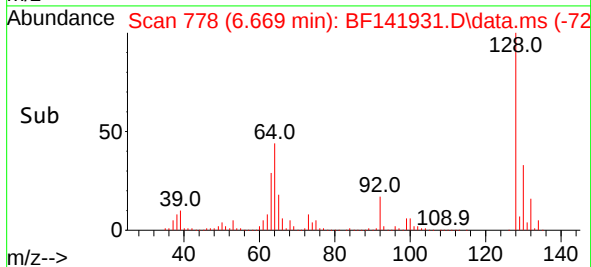
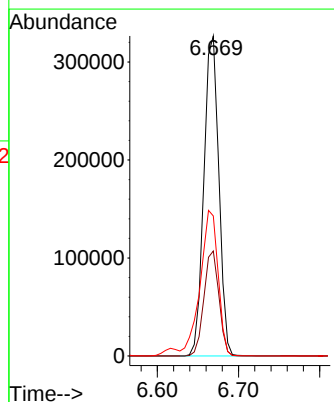
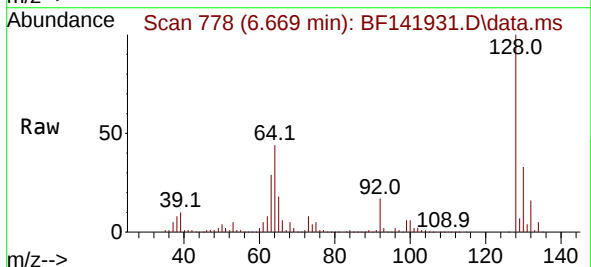
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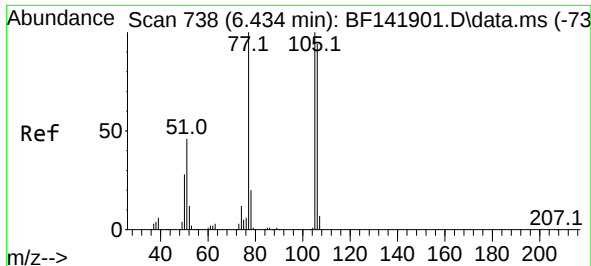
Tgt Ion: 99 Resp: 950514
Ion Ratio Lower Upper
99 100
42 17.6 14.6 21.8
71 38.4 30.8 46.2



#8
2-Chlorophenol
Concen: 38.234 ng
RT: 6.669 min Scan# 778
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion:128 Resp: 417828
Ion Ratio Lower Upper
128 100
130 32.8 12.8 52.8
64 43.7 24.4 64.4

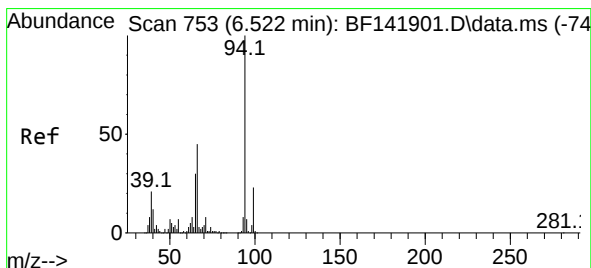
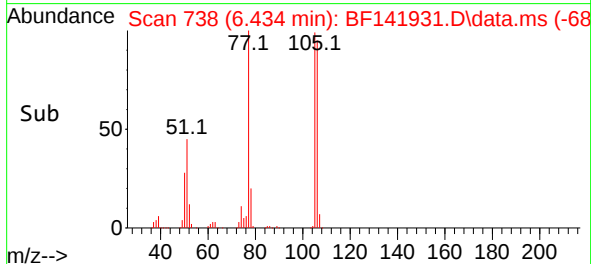
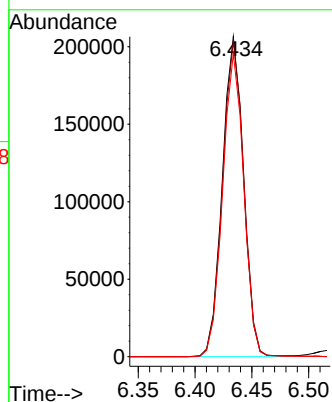
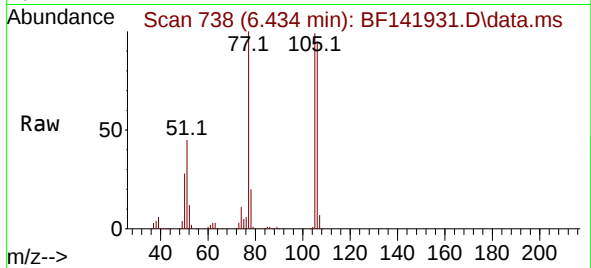




#9
Benzaldehyde
Concen: 38.143 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

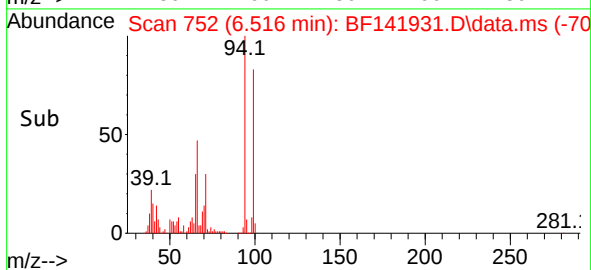
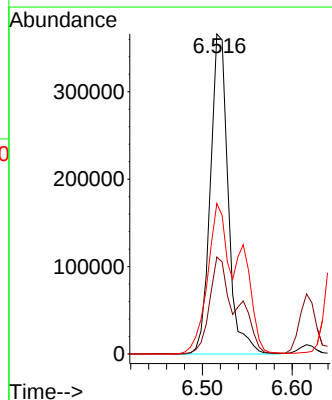
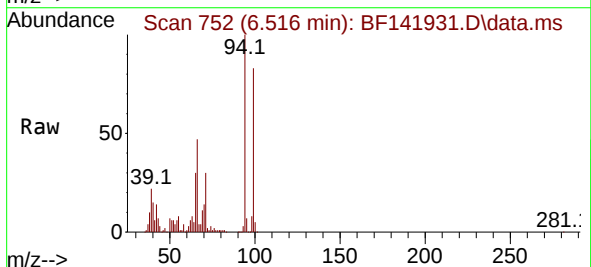
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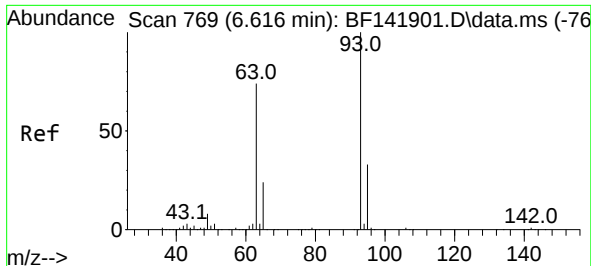
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Ion Ratio Lower Upper
77 100
105 98.6 80.0 120.0
106 94.7 74.5 114.5



#10
Phenol
Concen: 38.306 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion: 94 Resp: 505571
Ion Ratio Lower Upper
94 100
65 30.3 10.5 50.5
66 47.0 25.8 65.8

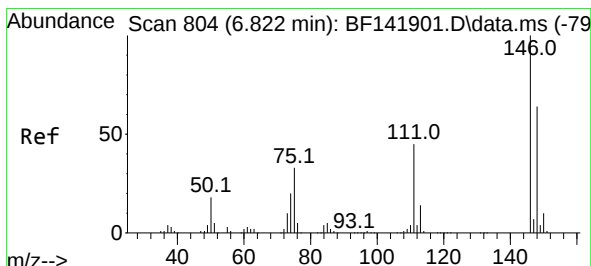
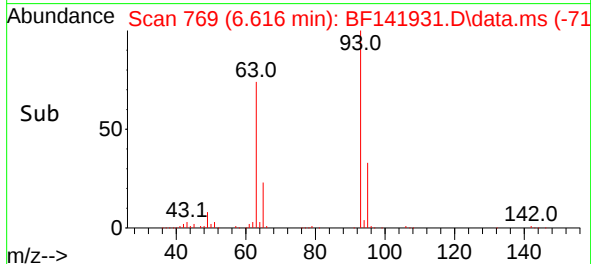
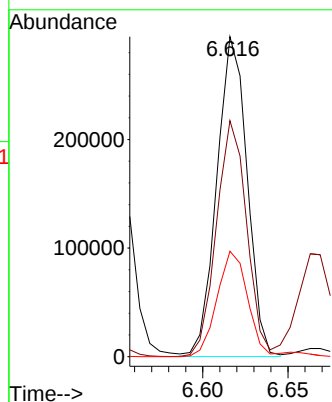
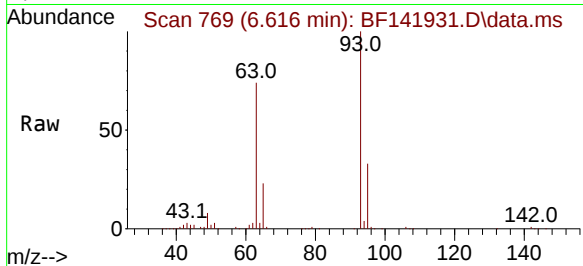




#11
bis(2-Chloroethyl)ether
Concen: 36.807 ng
RT: 6.616 min Scan# 769
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

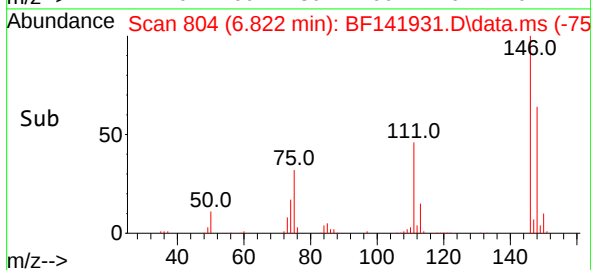
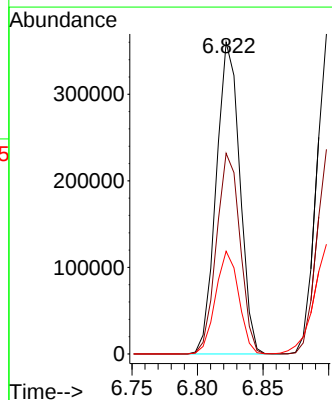
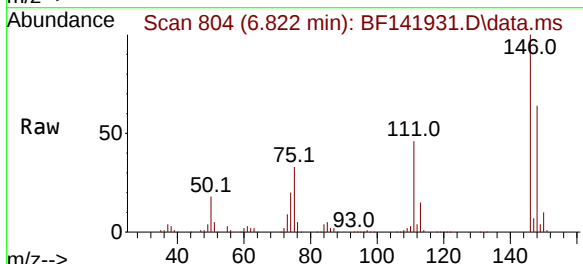
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

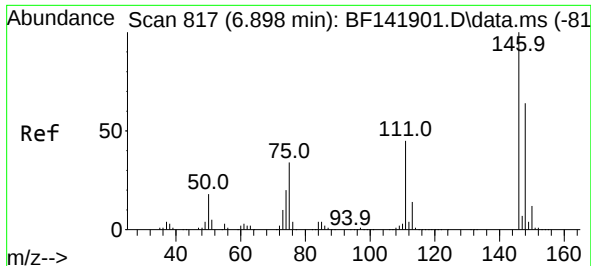
Tgt Ion: 93 Resp: 364772
Ion Ratio Lower Upper
93 100
63 73.7 53.0 93.0
95 32.9 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 38.136 ng
RT: 6.822 min Scan# 804
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion:146 Resp: 449929
Ion Ratio Lower Upper
146 100
148 64.4 51.3 76.9
75 33.0 26.6 40.0





#13

1,4-Dichlorobenzene

Concen: 38.341 ng

RT: 6.898 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF141931.D

Acq: 12 Mar 2025 10:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

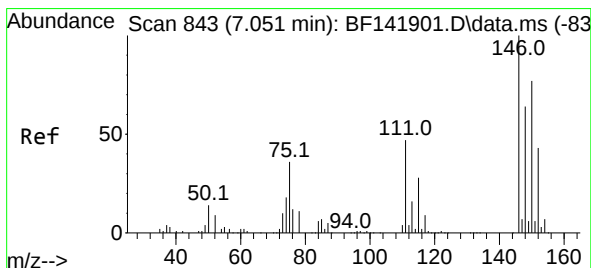
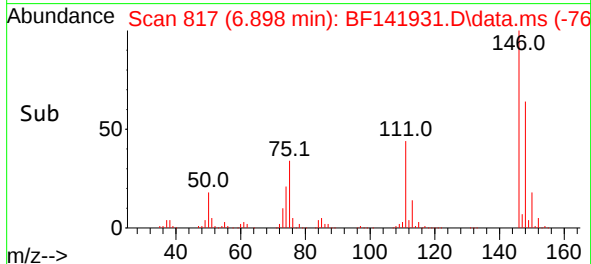
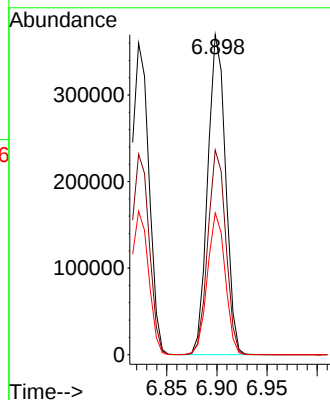
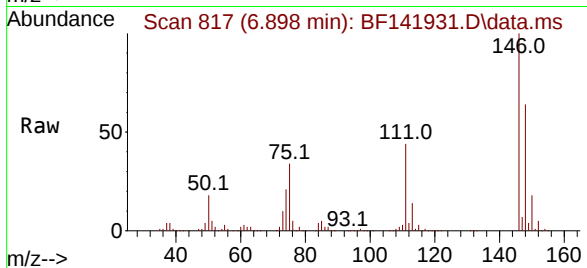
Tgt Ion:146 Resp: 457684

Ion Ratio Lower Upper

146 100

148 63.9 51.0 76.6

111 44.3 35.7 53.5



#14

1,2-Dichlorobenzene

Concen: 38.273 ng

RT: 7.051 min Scan# 843

Delta R.T. 0.000 min

Lab File: BF141931.D

Acq: 12 Mar 2025 10:08

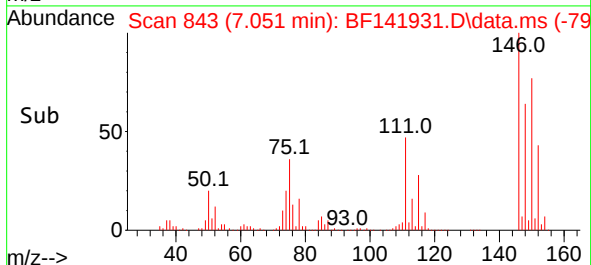
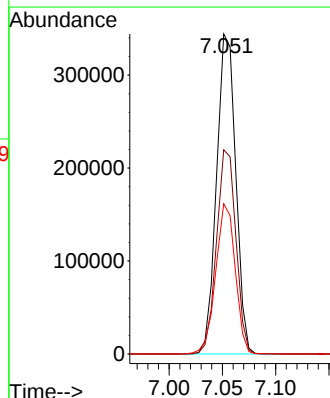
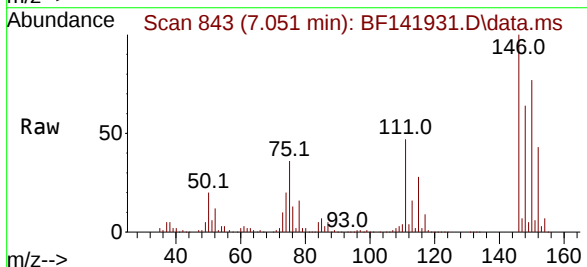
Tgt Ion:146 Resp: 430324

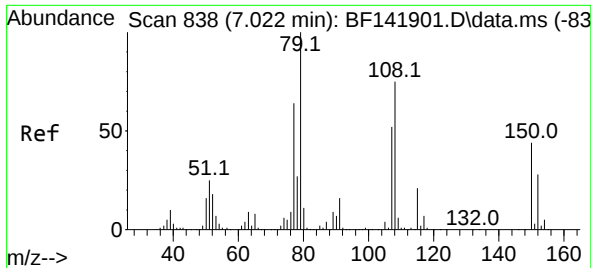
Ion Ratio Lower Upper

146 100

148 63.8 50.8 76.2

111 47.0 38.0 57.0

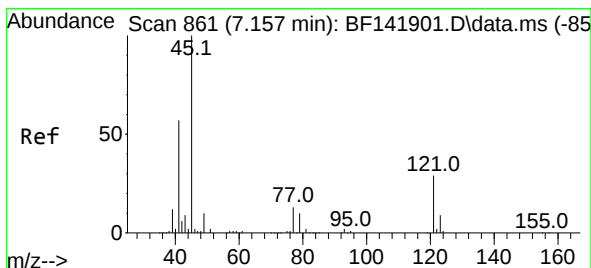
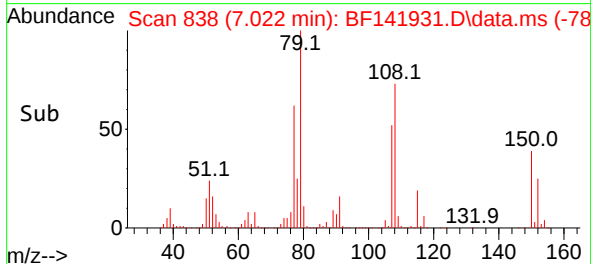
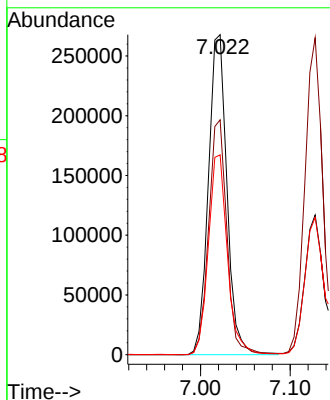
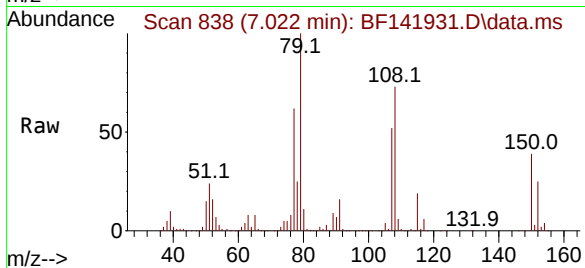




#15
Benzyl Alcohol
Concen: 37.934 ng
RT: 7.022 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

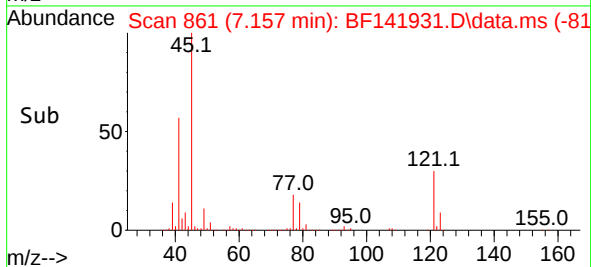
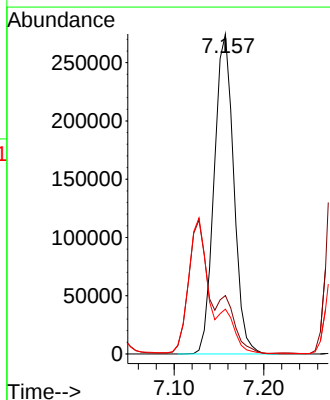
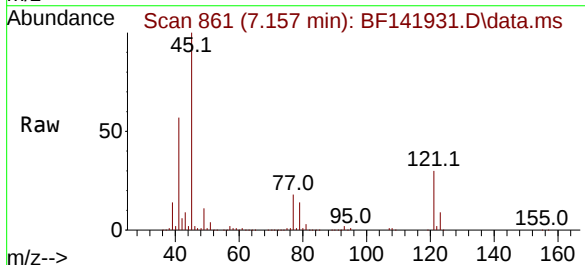
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

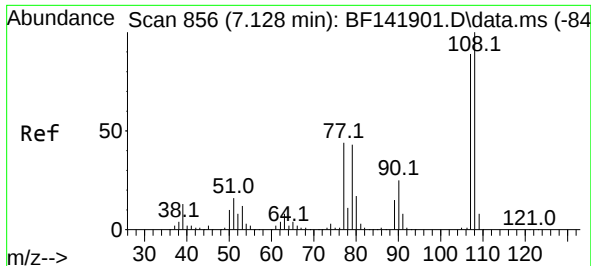
Tgt Ion: 79 Resp: 384745
Ion Ratio Lower Upper
79 100
108 73.4 59.7 89.5
77 62.4 51.0 76.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.709 ng
RT: 7.157 min Scan# 861
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion: 45 Resp: 415279
Ion Ratio Lower Upper
45 100
77 18.3 0.0 37.8
79 14.0 0.0 34.2



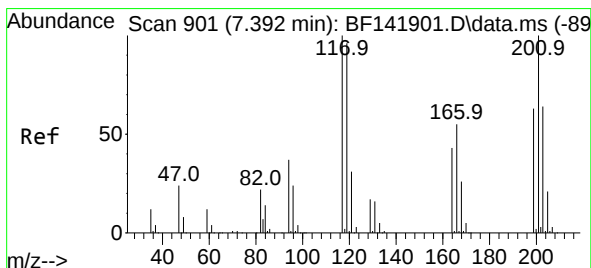
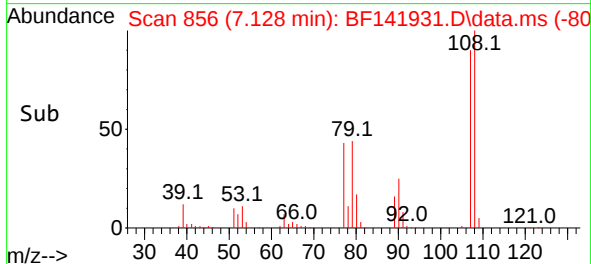
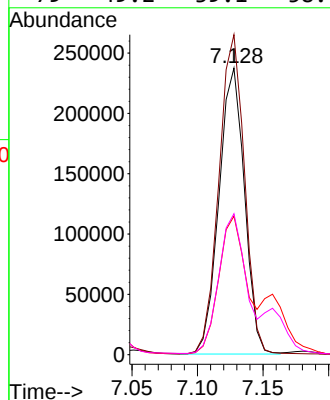
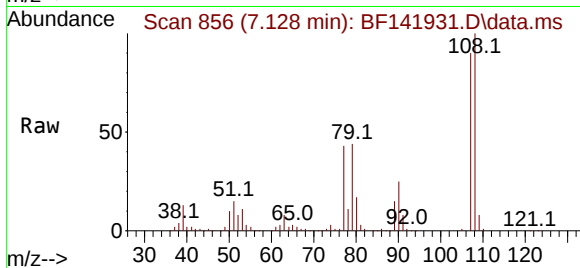


#17
2-Methylphenol
Concen: 36.871 ng
RT: 7.128 min Scan# 856
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 320375

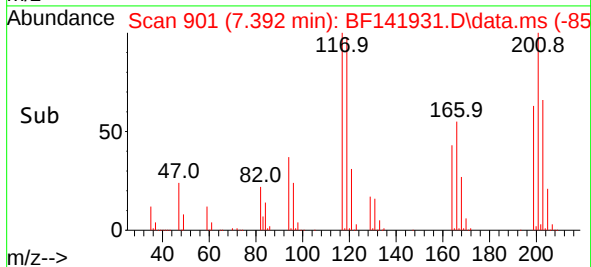
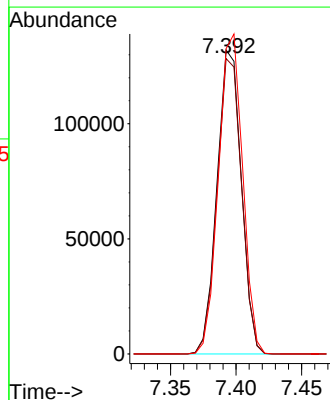
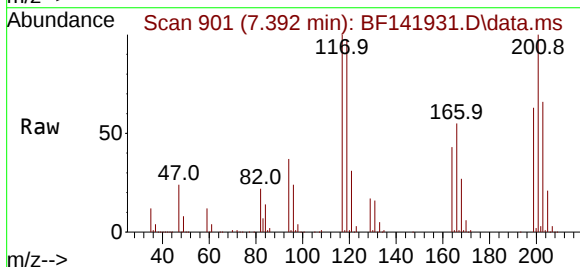
Ion	Ratio	Lower	Upper
107	100		
108	111.7	90.2	135.2
77	48.4	39.6	59.4
79	49.2	39.1	58.7

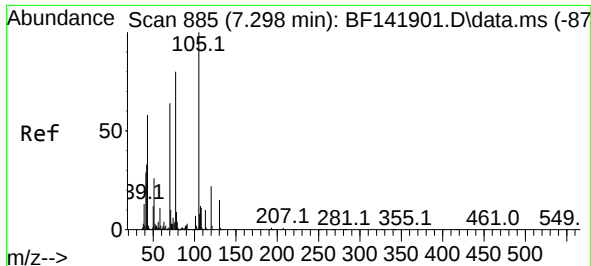


#18
Hexachloroethane
Concen: 38.125 ng
RT: 7.392 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion:117 Resp: 170661

Ion	Ratio	Lower	Upper
117	100		
119	97.2	76.9	115.3
201	100.4	79.9	119.9

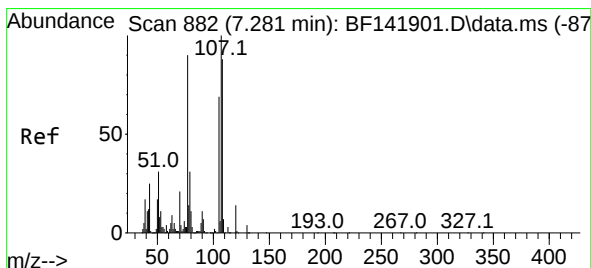
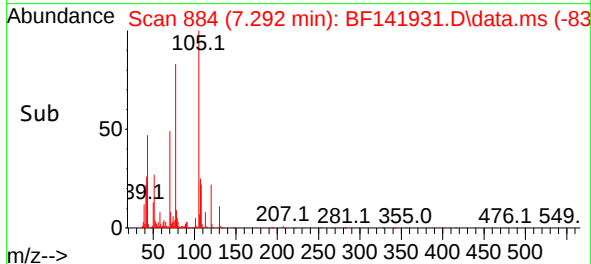
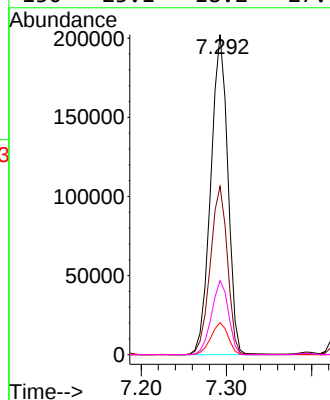
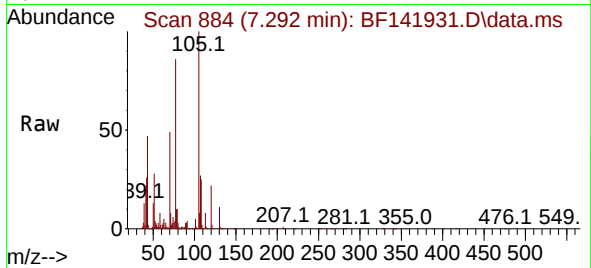




#19
n-Nitroso-di-n-propylamine
Concen: 34.909 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

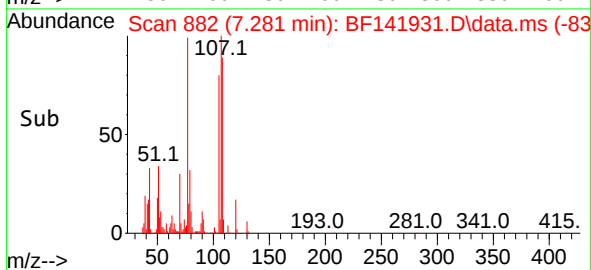
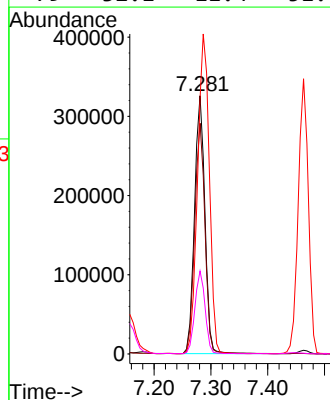
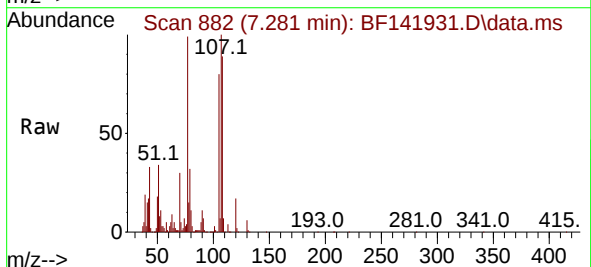
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

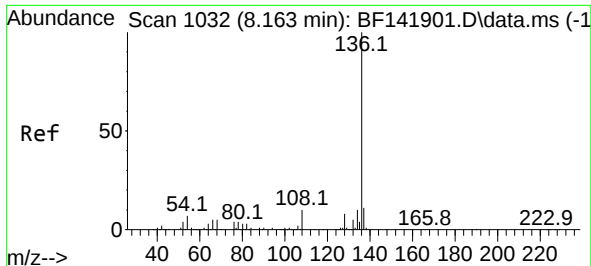
Tgt Ion: 70 Resp: 281413
Ion Ratio Lower Upper
70 100
42 52.6 41.4 62.0
101 10.0 8.2 12.2
130 23.1 18.2 27.4



#20
3+4-Methylphenols
Concen: 37.330 ng
RT: 7.281 min Scan# 882
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion:107 Resp: 415467
Ion Ratio Lower Upper
107 100
108 89.3 68.4 108.4
77 98.7 69.7 109.7
79 32.1 11.4 51.4

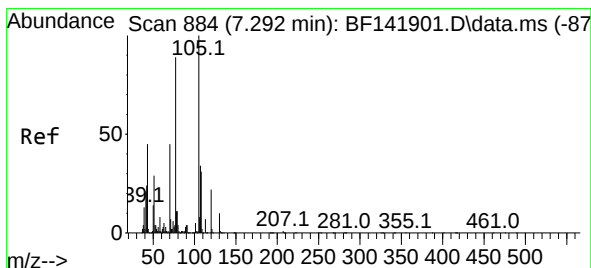
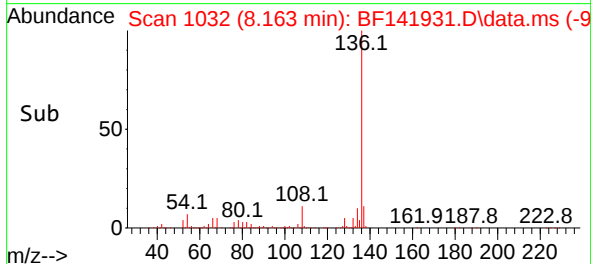
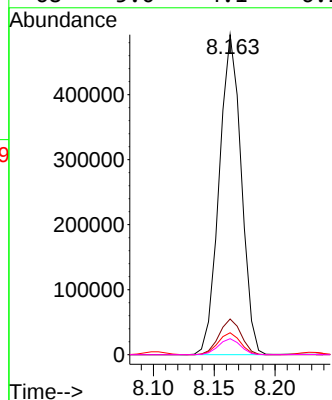
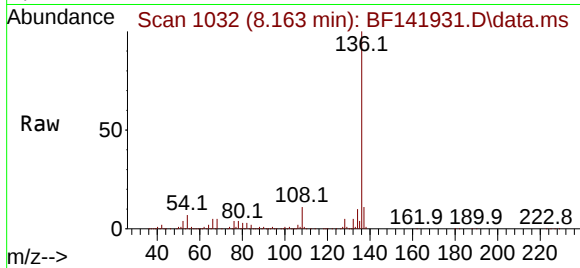




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

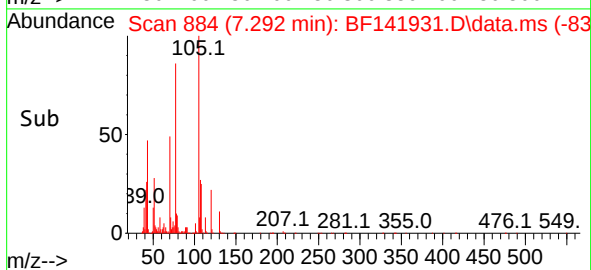
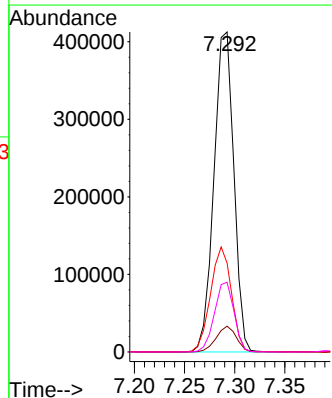
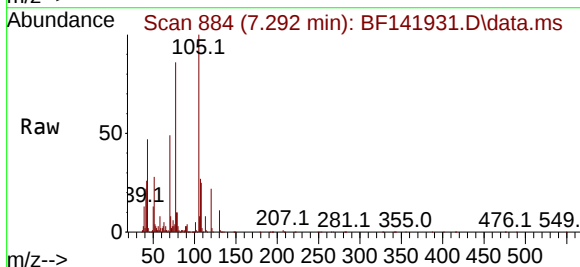
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

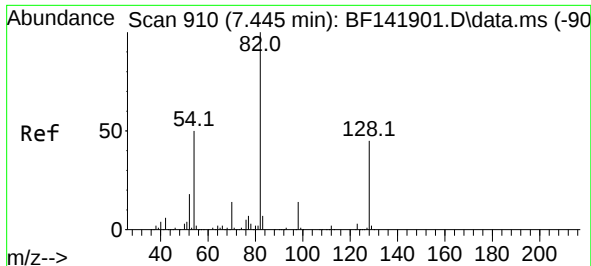
Tgt Ion:	136	Resp:	621435
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	6.9	5.8	8.8
68	5.0	4.1	6.1



#22
Acetophenone
Concen: 38.275 ng
RT: 7.292 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion:	105	Resp:	569612
Ion	Ratio	Lower	Upper
105	100		
71	8.0	5.8	8.8
51	27.8	23.4	35.0
120	21.8	17.3	25.9





#23

Nitrobenzene-d5

Concen: 79.132 ng

RT: 7.445 min Scan# 910

Delta R.T. 0.000 min

Lab File: BF141931.D

Acq: 12 Mar 2025 10:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

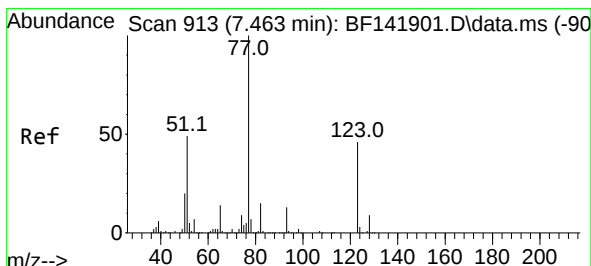
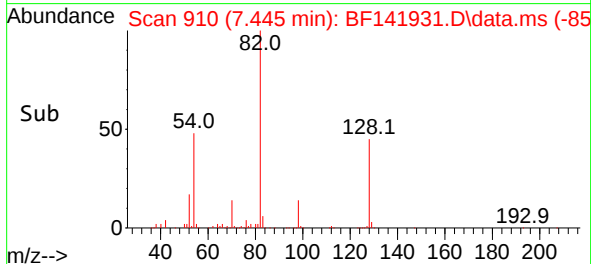
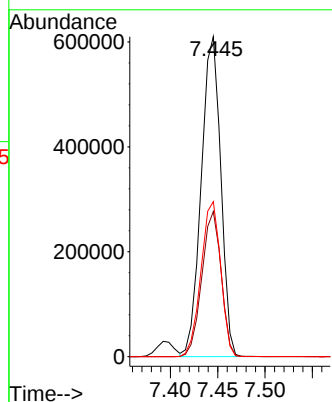
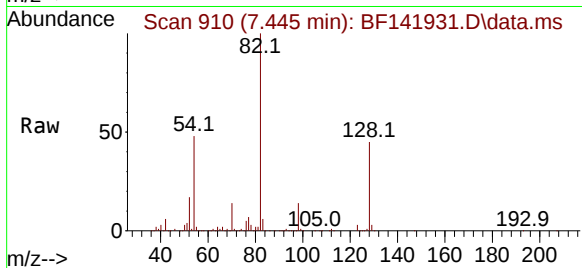
Tgt Ion: 82 Resp: 873829

Ion Ratio Lower Upper

82 100

128 45.3 36.0 54.0

54 48.5 39.6 59.4



#24

Nitrobenzene

Concen: 38.965 ng

RT: 7.463 min Scan# 913

Delta R.T. 0.000 min

Lab File: BF141931.D

Acq: 12 Mar 2025 10:08

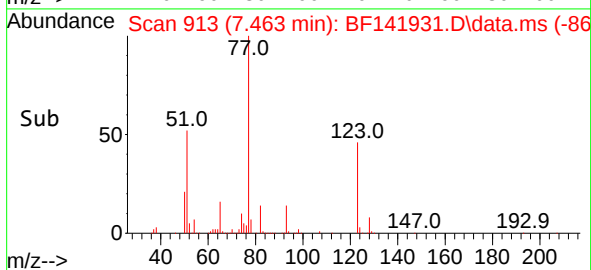
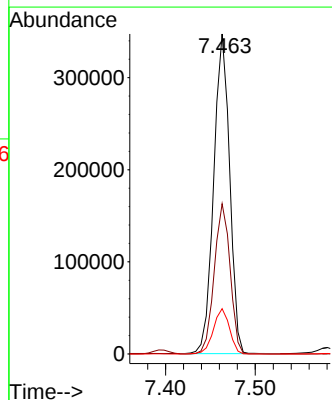
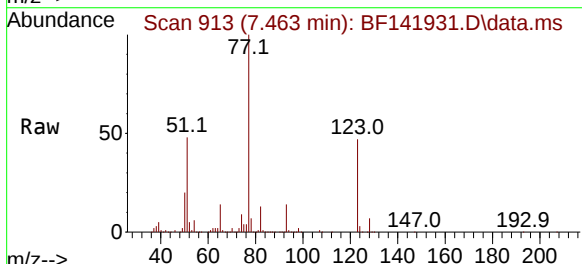
Tgt Ion: 77 Resp: 427745

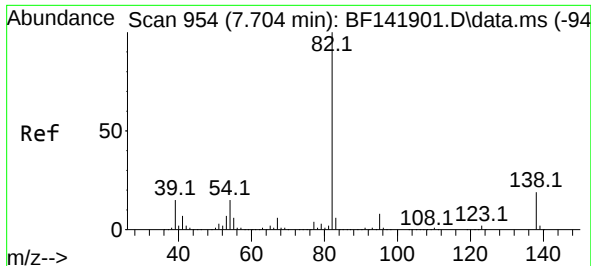
Ion Ratio Lower Upper

77 100

123 47.0 37.0 55.4

65 14.1 11.3 16.9

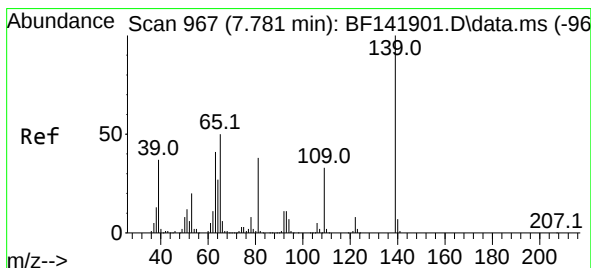
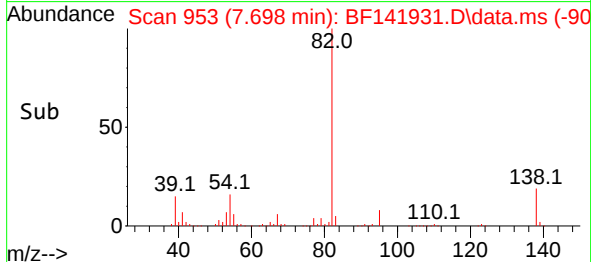
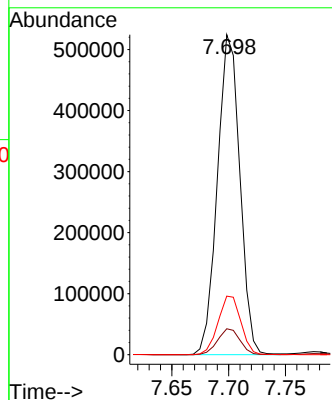
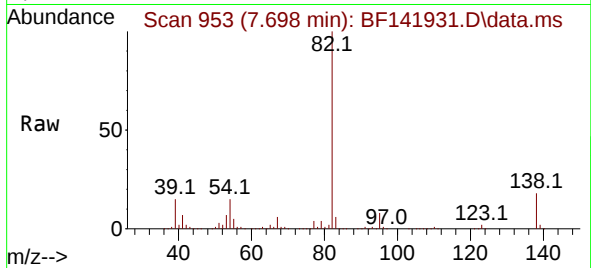




#25
Isophorone
Concen: 36.971 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

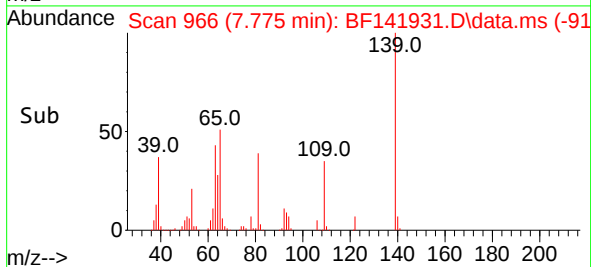
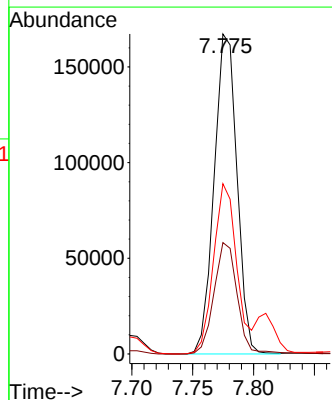
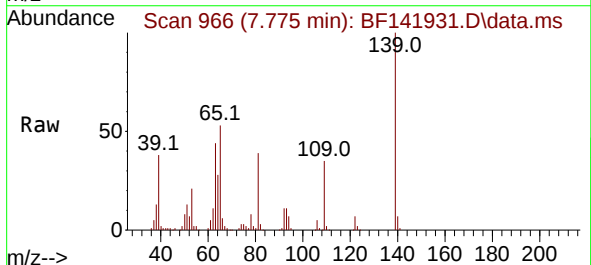
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

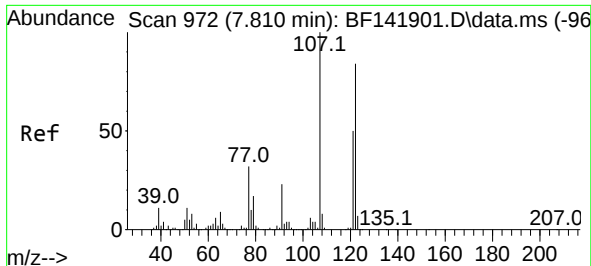
Tgt Ion: 82 Resp: 721655
Ion Ratio Lower Upper
82 100
95 8.1 6.4 9.6
138 18.3 14.9 22.3



#26
2-Nitrophenol
Concen: 40.487 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.006 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion:139 Resp: 218139
Ion Ratio Lower Upper
139 100
109 34.8 26.5 39.7
65 53.2 40.3 60.5

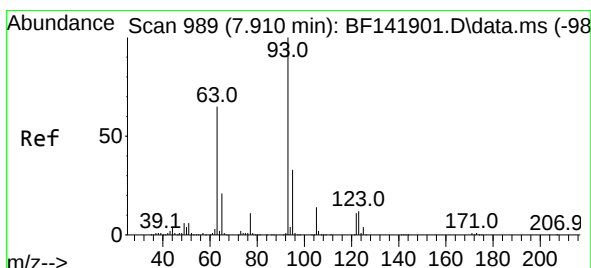
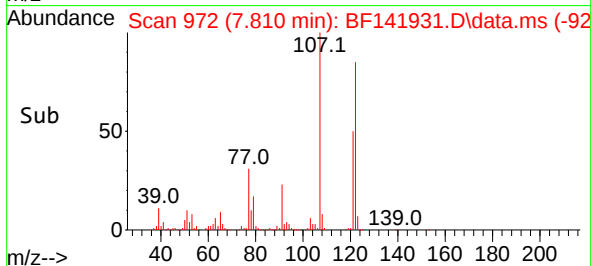
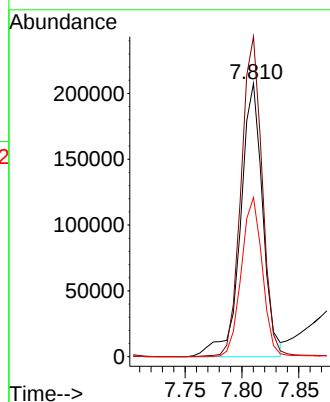
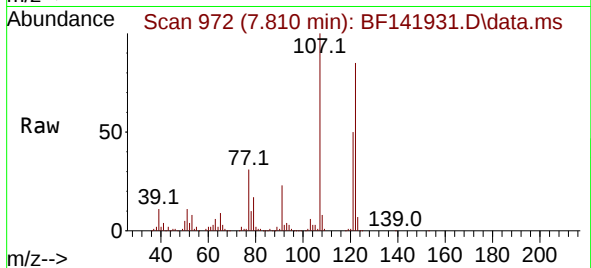




#27
2,4-Dimethylphenol
Concen: 38.044 ng
RT: 7.810 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

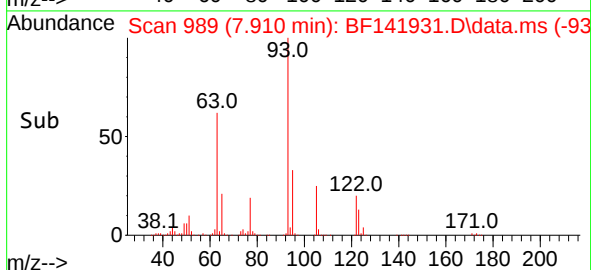
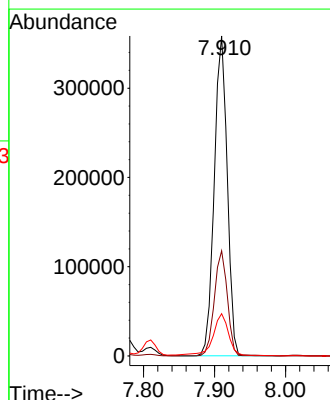
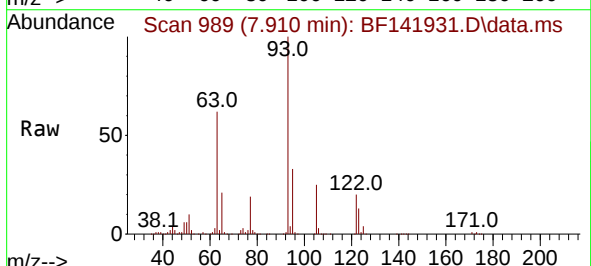
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

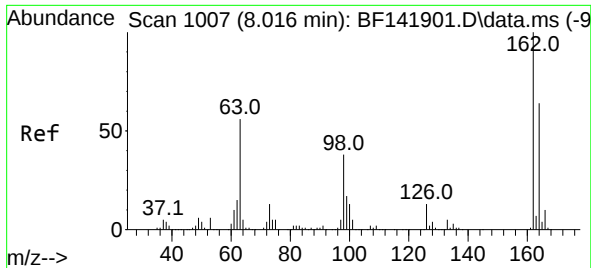
Tgt Ion:122 Resp: 282241
Ion Ratio Lower Upper
122 100
107 117.1 94.8 142.2
121 58.3 47.8 71.6



#28
bis(2-Chloroethoxy)methane
Concen: 37.005 ng
RT: 7.910 min Scan# 989
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion: 93 Resp: 453054
Ion Ratio Lower Upper
93 100
95 32.9 26.6 40.0
123 13.2 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 38.418 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF141931.D

Acq: 12 Mar 2025 10:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

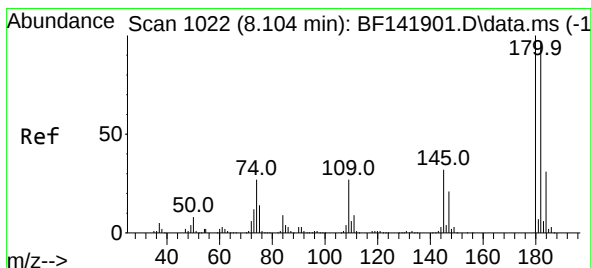
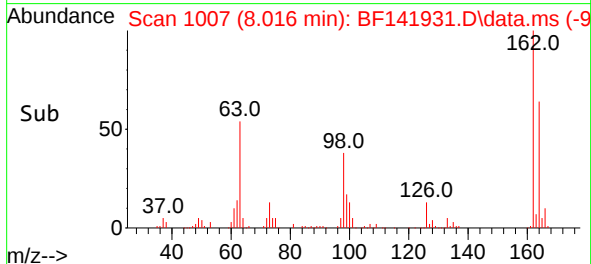
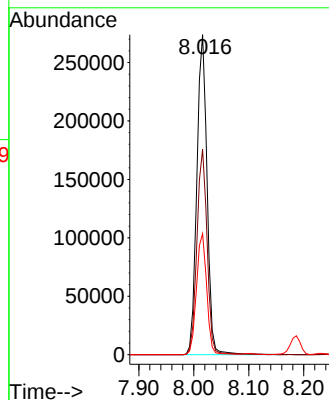
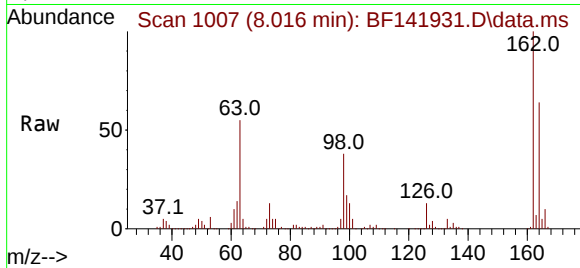
Tgt Ion:162 Resp: 353771

Ion Ratio Lower Upper

162 100

164 64.2 43.8 83.8

98 37.8 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 38.905 ng

RT: 8.104 min Scan# 1022

Delta R.T. 0.000 min

Lab File: BF141931.D

Acq: 12 Mar 2025 10:08

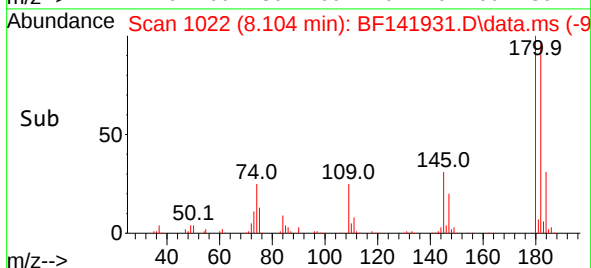
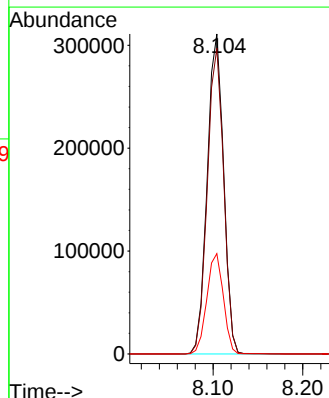
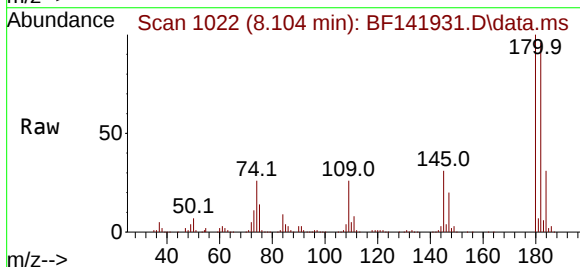
Tgt Ion:180 Resp: 394814

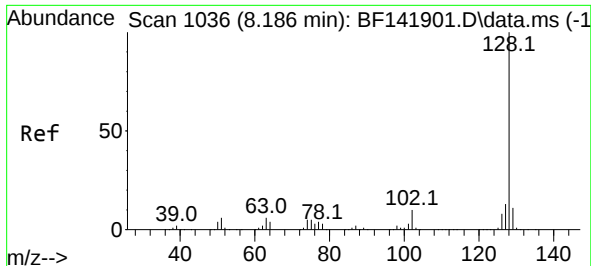
Ion Ratio Lower Upper

180 100

182 95.6 77.5 116.3

145 31.3 25.8 38.6

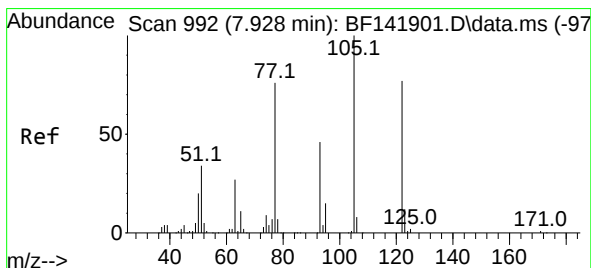
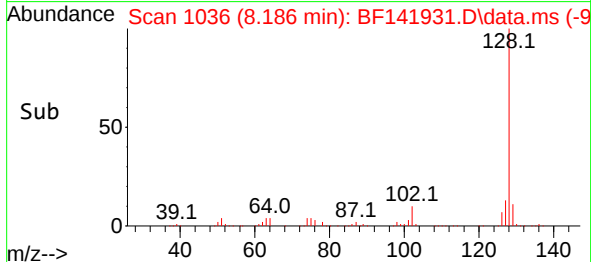
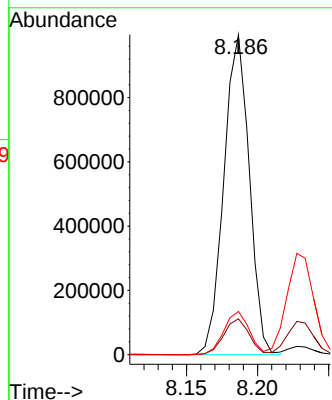
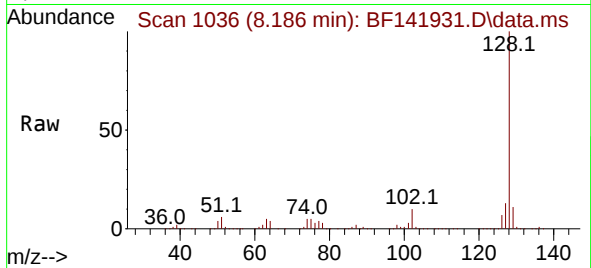




#31
Naphthalene
Concen: 38.804 ng
RT: 8.186 min Scan# 1036
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

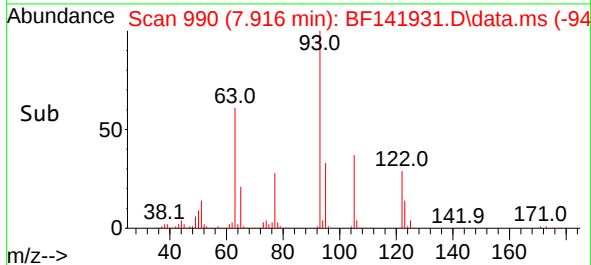
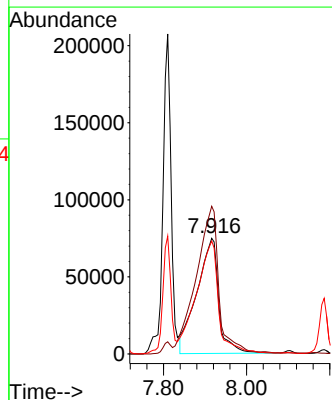
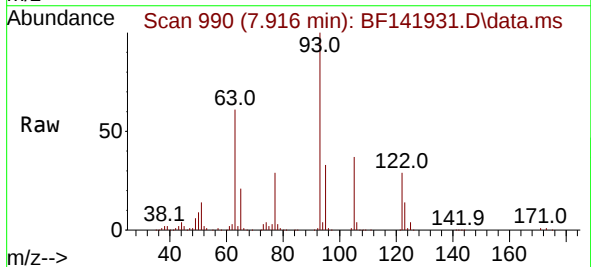
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

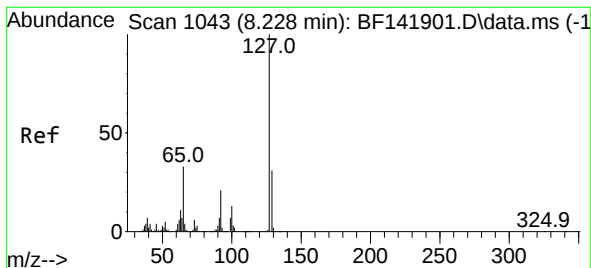
Tgt Ion:128 Resp: 1238698
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 42.159 ng
RT: 7.916 min Scan# 990
Delta R.T. -0.012 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion:122 Resp: 274940
Ion Ratio Lower Upper
122 100
105 127.6 107.9 147.9
77 97.7 79.0 119.0





#33

4-Chloroaniline

Concen: 37.773 ng

RT: 8.228 min Scan# 1043

Delta R.T. 0.000 min

Lab File: BF141931.D

Acq: 12 Mar 2025 10:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 425659

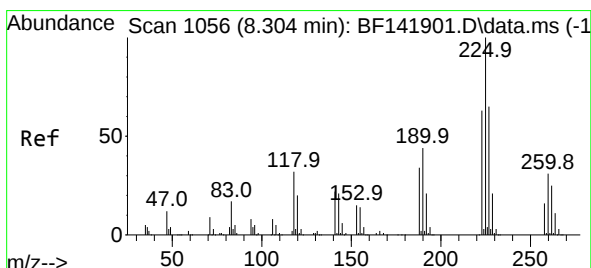
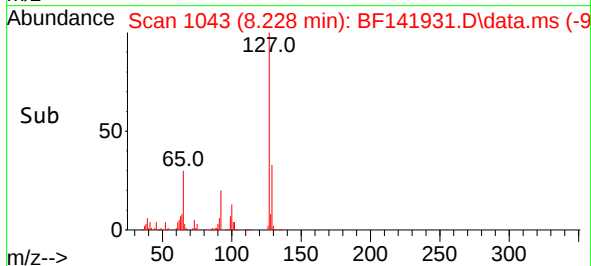
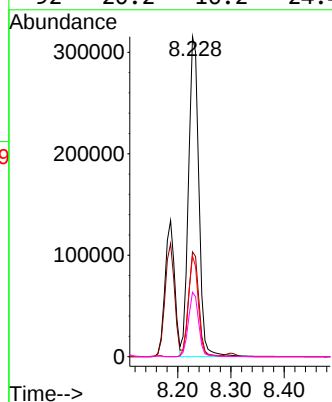
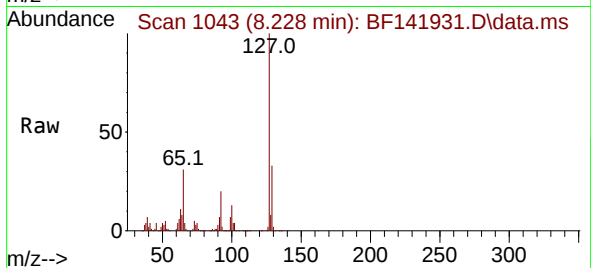
Ion Ratio Lower Upper

127 100

129 32.8 26.2 39.4

65 31.4 25.4 38.2

92 20.2 16.2 24.4



#34

Hexachlorobutadiene

Concen: 39.306 ng

RT: 8.304 min Scan# 1056

Delta R.T. 0.000 min

Lab File: BF141931.D

Acq: 12 Mar 2025 10:08

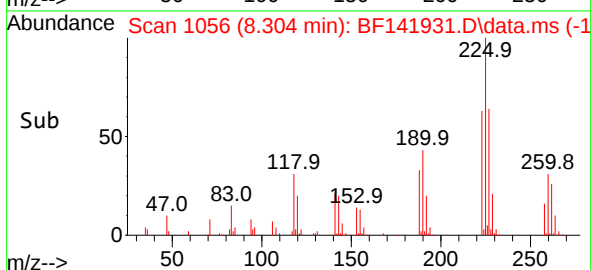
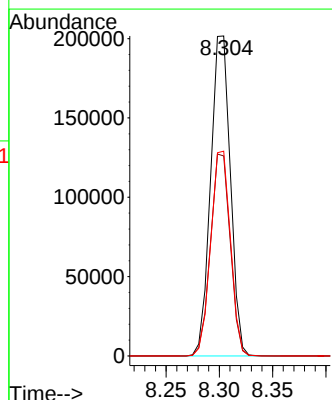
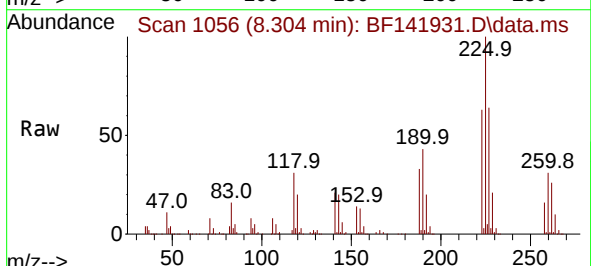
Tgt Ion:225 Resp: 260133

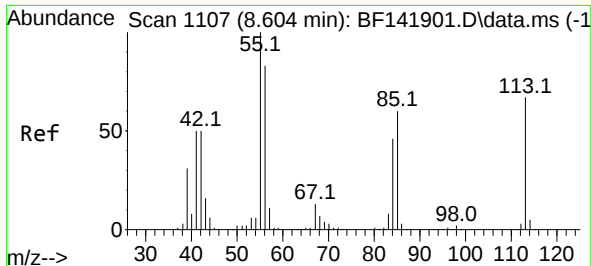
Ion Ratio Lower Upper

225 100

223 62.5 50.6 75.8

227 64.0 52.2 78.2

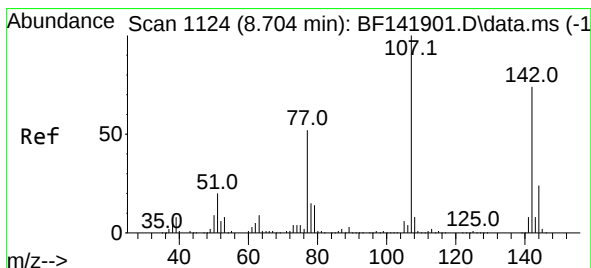
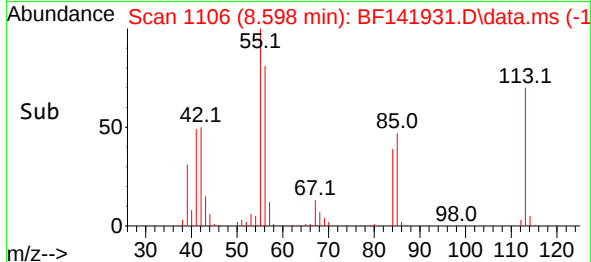
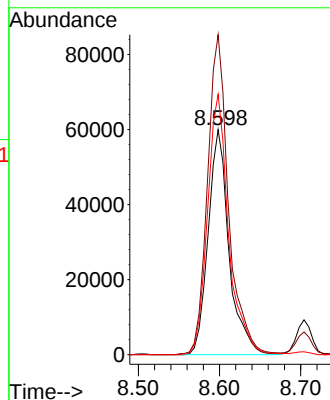
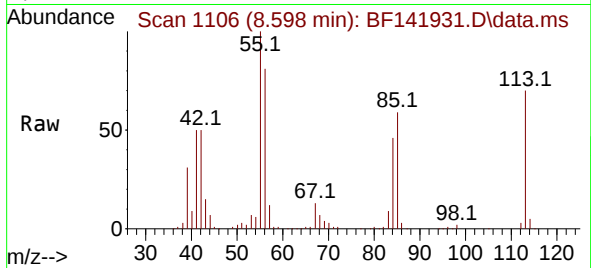




#35
Caprolactam
Concen: 37.989 ng
RT: 8.598 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

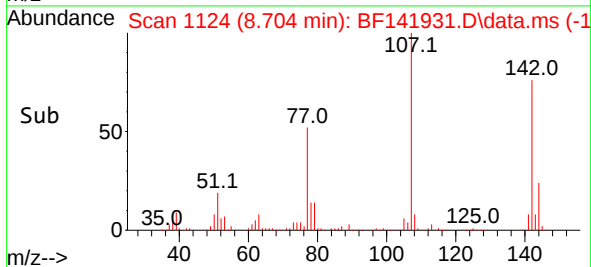
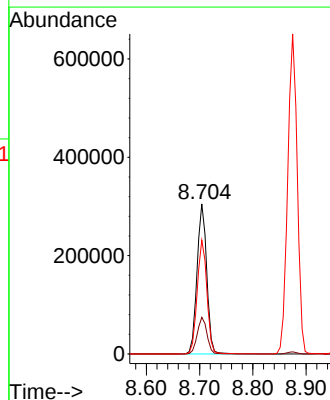
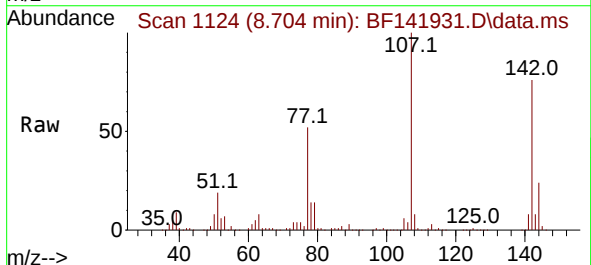
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

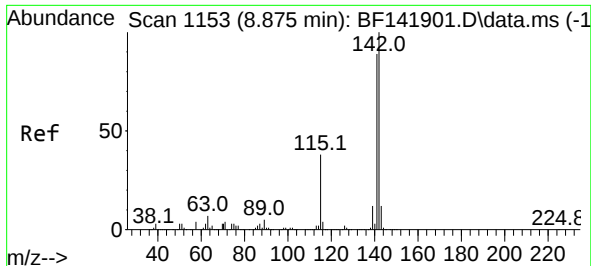
Tgt Ion:113 Resp: 106653
Ion Ratio Lower Upper
113 100
55 142.2 129.6 169.6
56 115.7 104.0 144.0



#36
4-Chloro-3-methylphenol
Concen: 37.747 ng
RT: 8.704 min Scan# 1124
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion:107 Resp: 387740
Ion Ratio Lower Upper
107 100
144 24.4 19.0 28.6
142 75.8 59.2 88.8





#37

2-Methylnaphthalene

Concen: 38.085 ng

RT: 8.875 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BF141931.D

Acq: 12 Mar 2025 10:08

Instrument :

BNA_F

ClientSampleId :

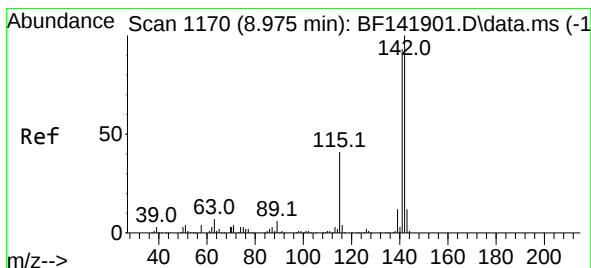
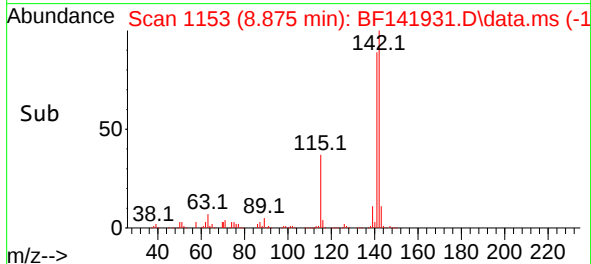
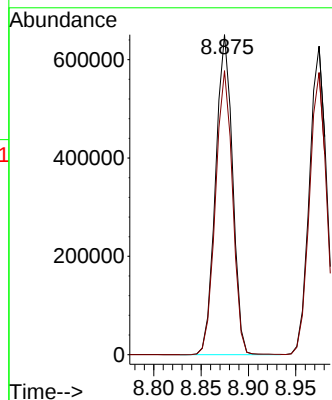
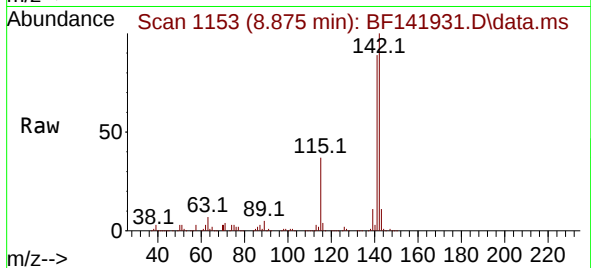
SSTDCCC040

Tgt Ion:142 Resp: 812618

Ion Ratio Lower Upper

142 100

141 88.7 71.2 106.8



#38

1-Methylnaphthalene

Concen: 37.956 ng

RT: 8.975 min Scan# 1170

Delta R.T. 0.000 min

Lab File: BF141931.D

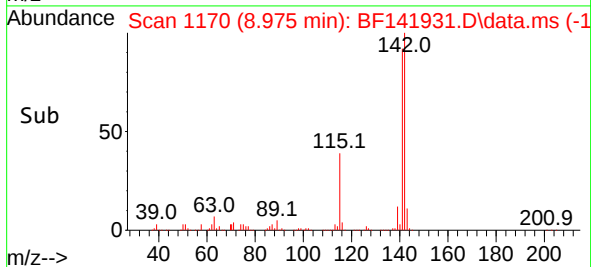
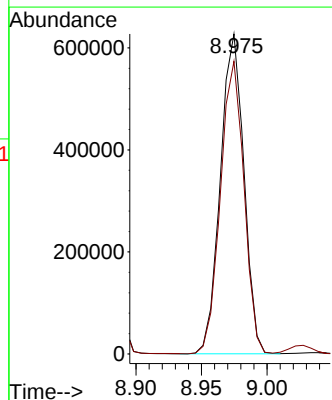
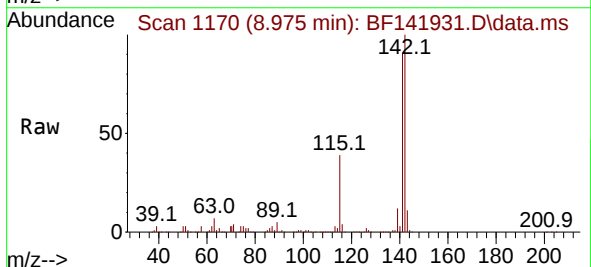
Acq: 12 Mar 2025 10:08

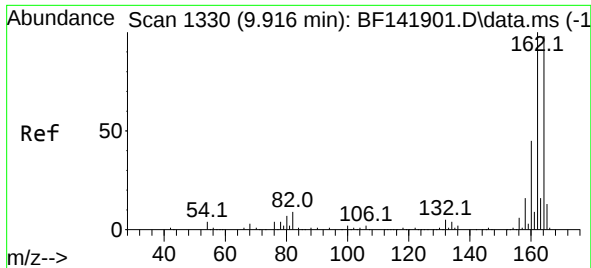
Tgt Ion:142 Resp: 781519

Ion Ratio Lower Upper

142 100

141 91.5 74.2 111.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF141931.D

Acq: 12 Mar 2025 10:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

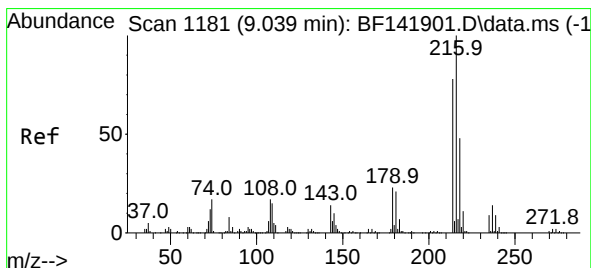
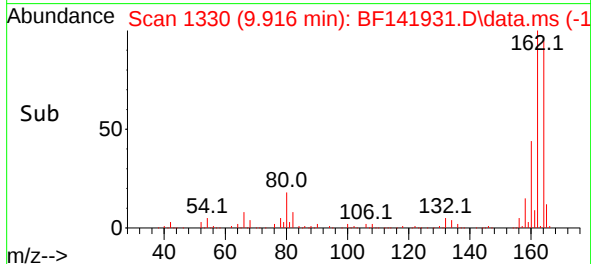
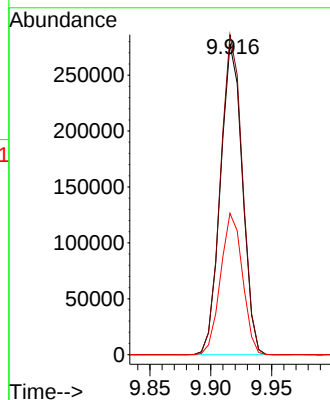
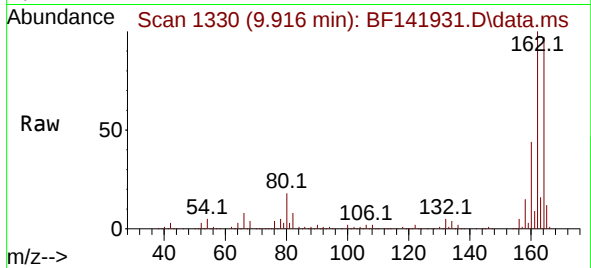
Tgt Ion:164 Resp: 348146

Ion Ratio Lower Upper

164 100

162 102.9 81.8 122.6

160 45.5 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.024 ng

RT: 9.039 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BF141931.D

Acq: 12 Mar 2025 10:08

Tgt Ion:216 Resp: 413640

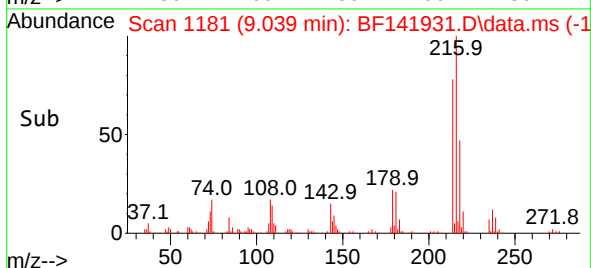
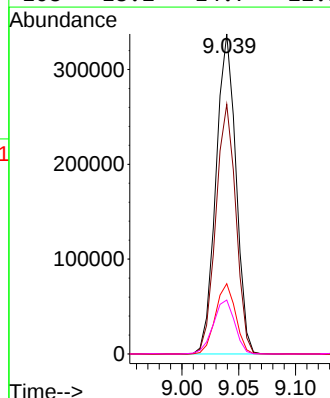
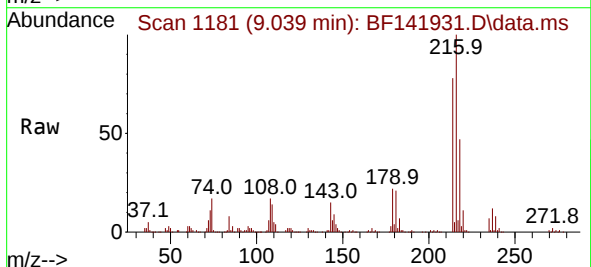
Ion Ratio Lower Upper

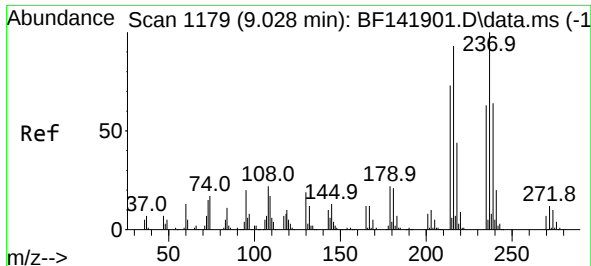
216 100

214 78.0 61.9 92.9

179 22.0 18.1 27.1

108 18.2 14.7 22.1

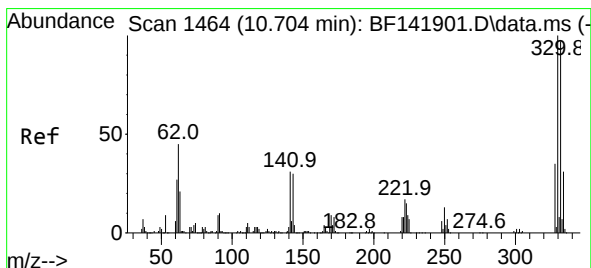
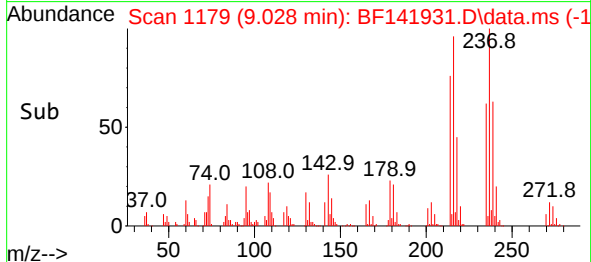
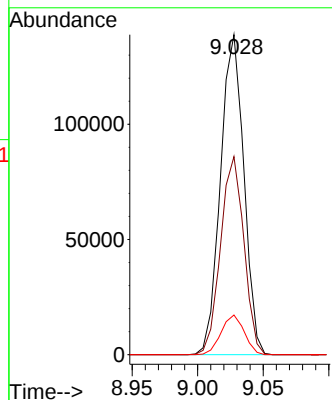
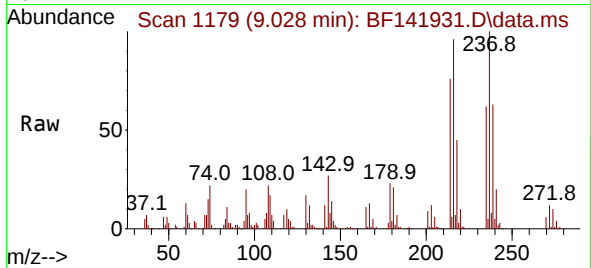




#41
Hexachlorocyclopentadiene
Concen: 41.428 ng
RT: 9.028 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

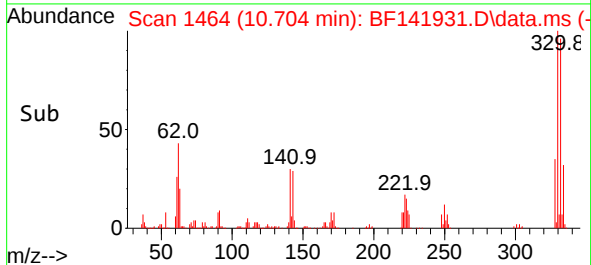
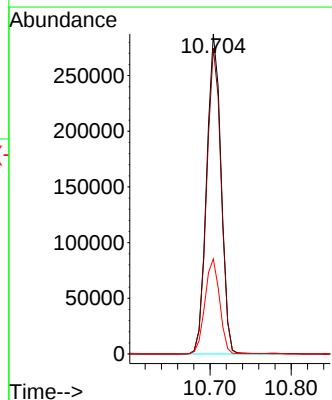
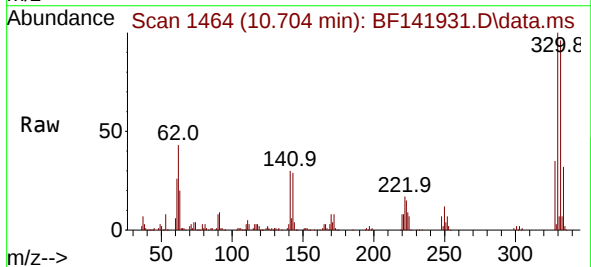
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

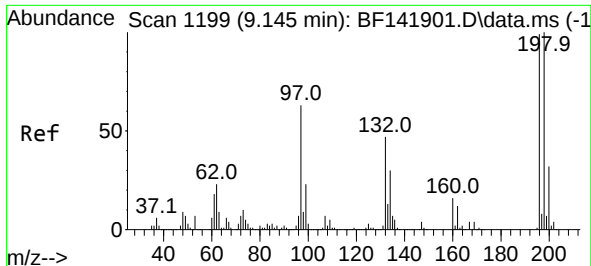
Tgt Ion:237 Resp: 171856
Ion Ratio Lower Upper
237 100
235 61.9 43.1 83.1
272 12.4 0.0 32.0



#42
2,4,6-Tribromophenol
Concen: 79.992 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion:330 Resp: 353302
Ion Ratio Lower Upper
330 100
332 96.1 77.6 116.4
141 30.2 24.7 37.1





#43

2,4,6-Trichlorophenol

Concen: 39.388 ng

RT: 9.145 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF141931.D

Acq: 12 Mar 2025 10:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

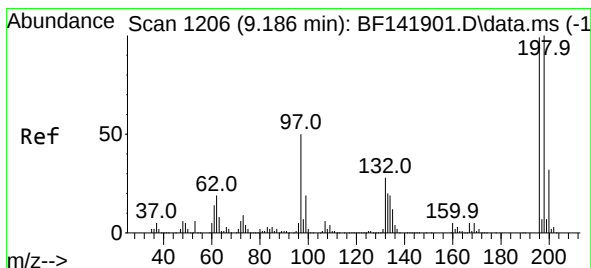
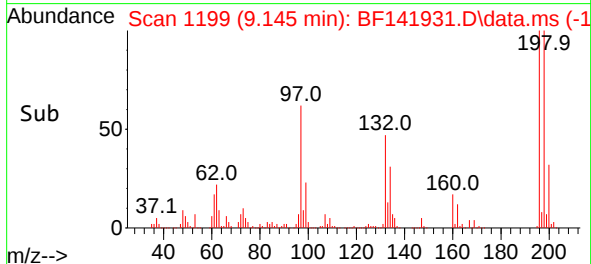
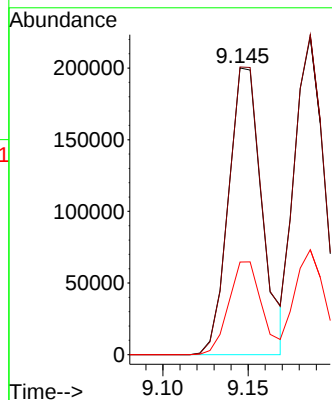
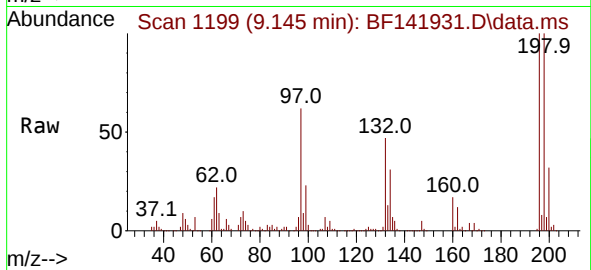
Tgt Ion:196 Resp: 272850

Ion Ratio Lower Upper

196 100

198 100.3 80.6 121.0

200 32.3 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 38.552 ng

RT: 9.186 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BF141931.D

Acq: 12 Mar 2025 10:08

Tgt Ion:196 Resp: 270479

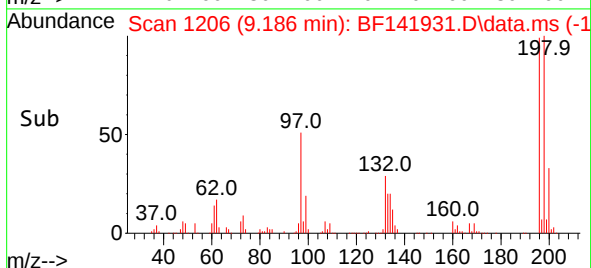
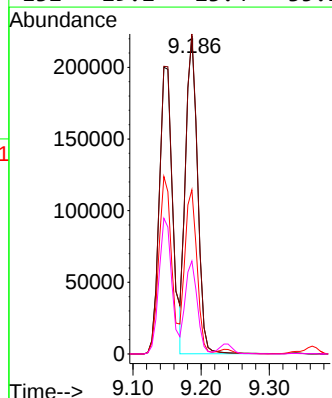
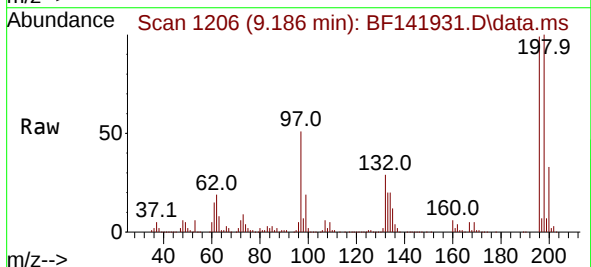
Ion Ratio Lower Upper

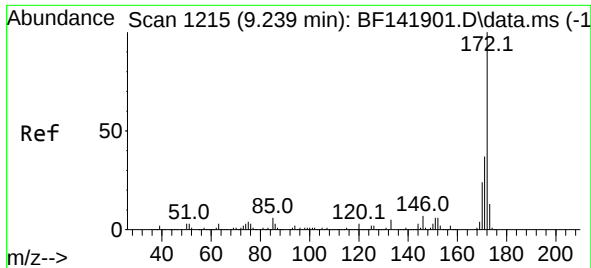
196 100

198 100.7 80.7 121.1

97 51.6 42.1 63.1

132 29.2 23.4 35.2

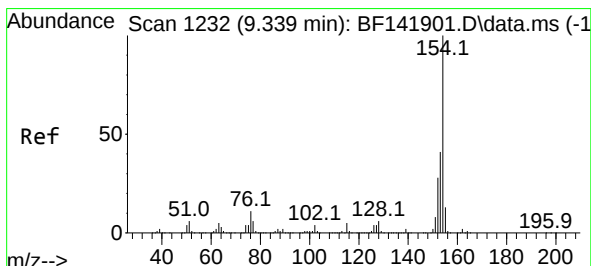
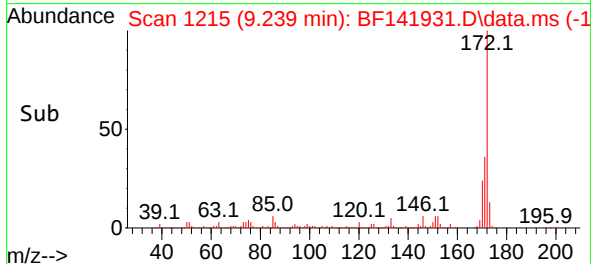
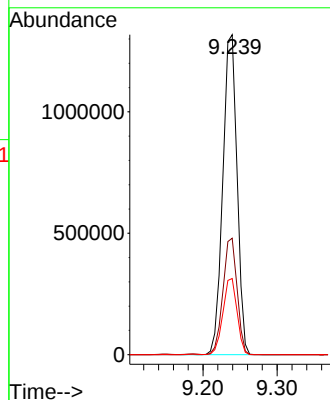
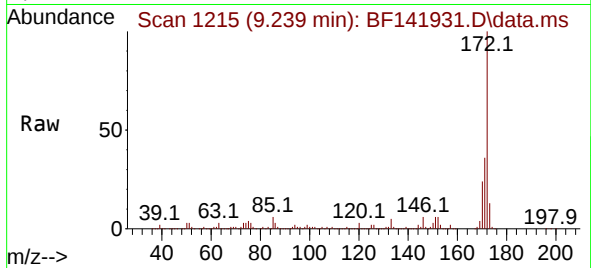




#45
2-Fluorobiphenyl
Concen: 76.967 ng
RT: 9.239 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

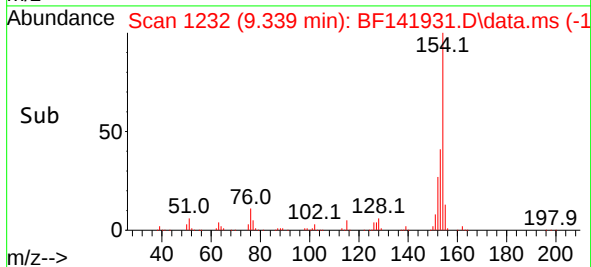
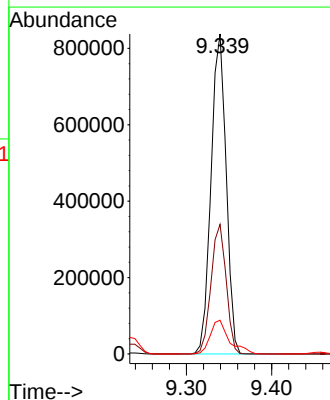
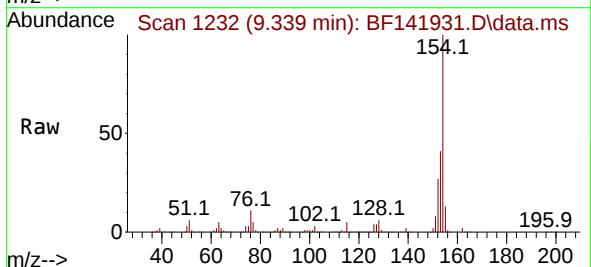
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

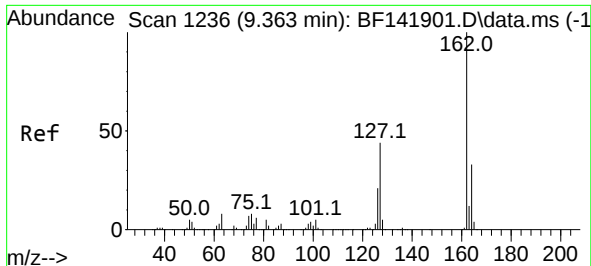
Tgt Ion:172 Resp: 1761937
Ion Ratio Lower Upper
172 100
171 36.4 29.3 43.9
170 23.8 19.4 29.0



#46
1,1'-Biphenyl
Concen: 38.980 ng
RT: 9.339 min Scan# 1232
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion:154 Resp: 1031117
Ion Ratio Lower Upper
154 100
153 40.5 21.1 61.1
76 10.5 0.0 31.3





#47

2-Chloronaphthalene

Concen: 38.544 ng

RT: 9.363 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF141931.D

Acq: 12 Mar 2025 10:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

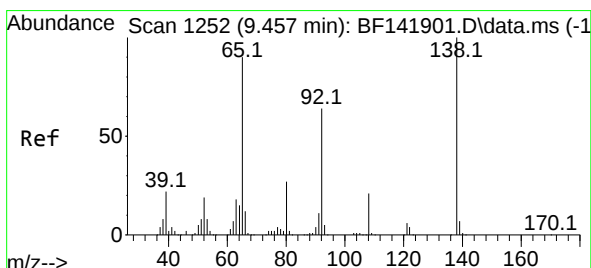
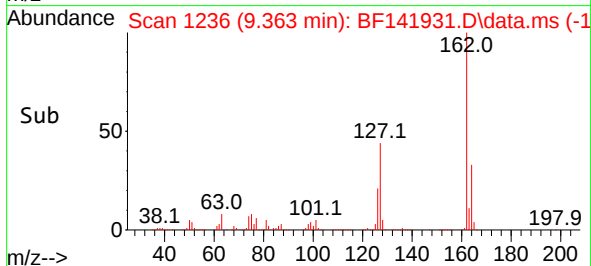
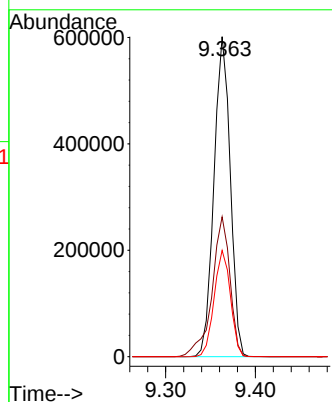
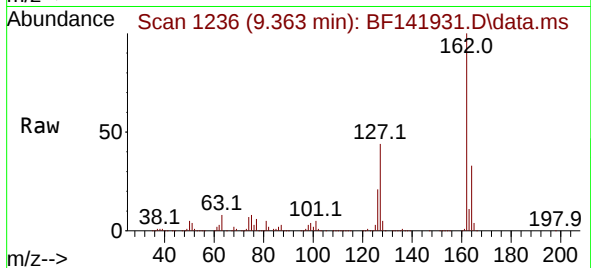
Tgt Ion:162 Resp: 759954

Ion Ratio Lower Upper

162 100

127 43.7 35.5 53.3

164 33.2 26.6 40.0



#48

2-Nitroaniline

Concen: 38.794 ng

RT: 9.457 min Scan# 1252

Delta R.T. 0.000 min

Lab File: BF141931.D

Acq: 12 Mar 2025 10:08

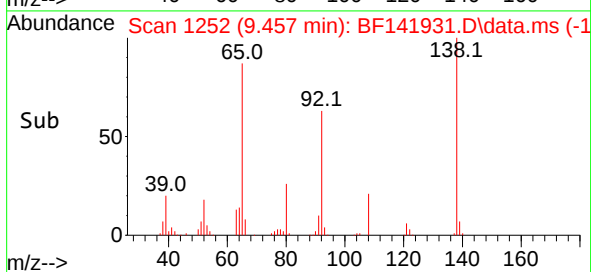
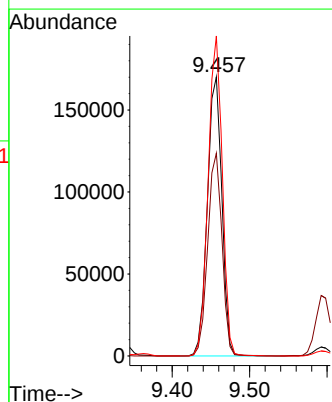
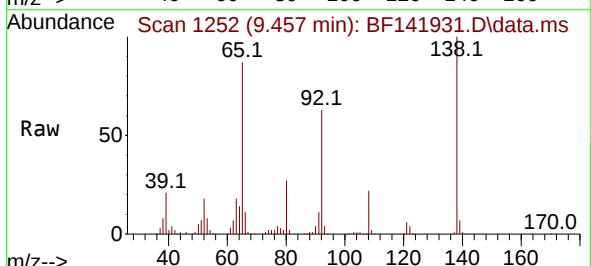
Tgt Ion: 65 Resp: 221467

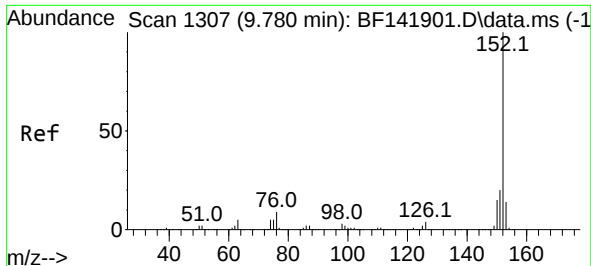
Ion Ratio Lower Upper

65 100

92 72.6 56.6 84.8

138 114.7 88.6 133.0





#49

Acenaphthylene

Concen: 39.032 ng

RT: 9.781 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF141931.D

Acq: 12 Mar 2025 10:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

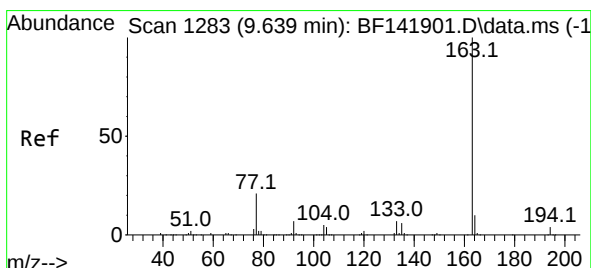
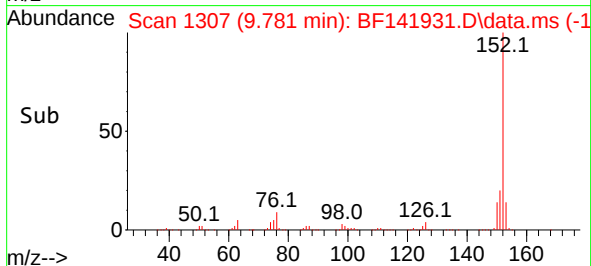
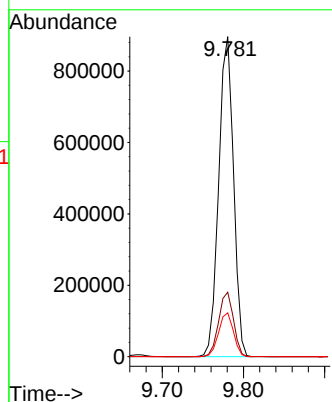
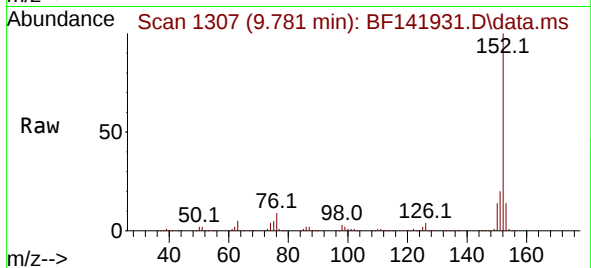
Tgt Ion:152 Resp: 1142019

Ion Ratio Lower Upper

152 100

151 20.2 16.3 24.5

153 13.7 11.1 16.7



#50

Dimethylphthalate

Concen: 37.821 ng

RT: 9.639 min Scan# 1283

Delta R.T. 0.000 min

Lab File: BF141931.D

Acq: 12 Mar 2025 10:08

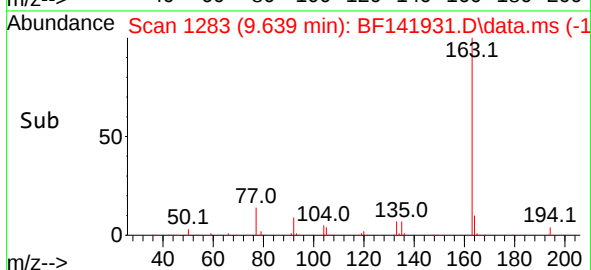
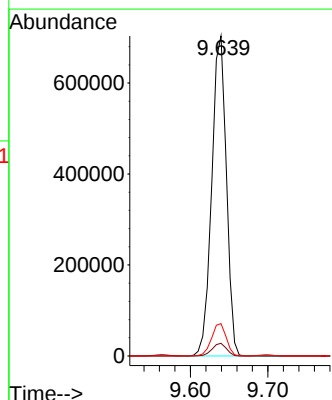
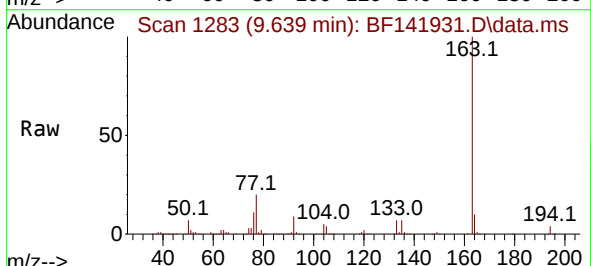
Tgt Ion:163 Resp: 922073

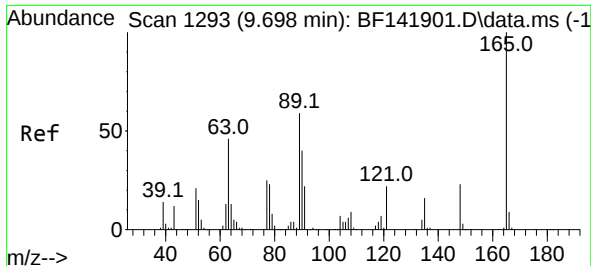
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.1 8.2 12.4

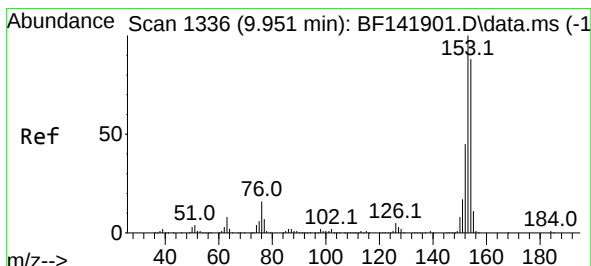
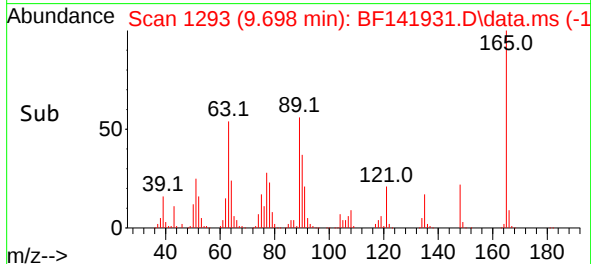
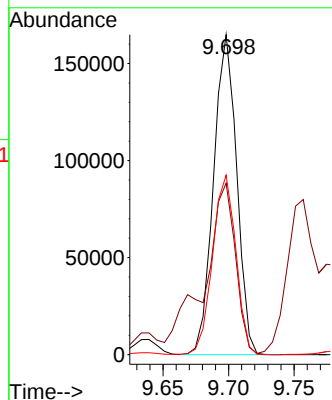
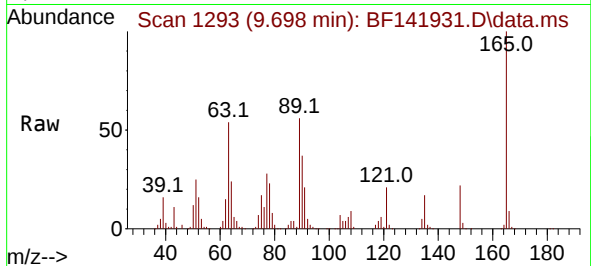




#51
2,6-Dinitrotoluene
Concen: 39.753 ng
RT: 9.698 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

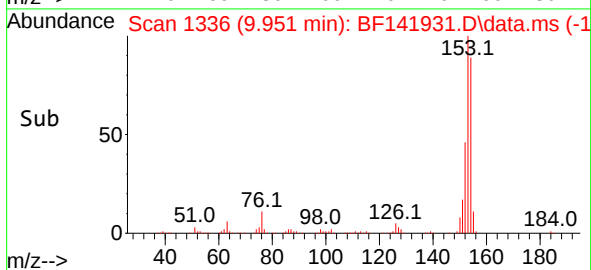
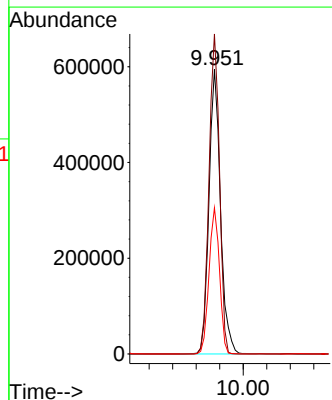
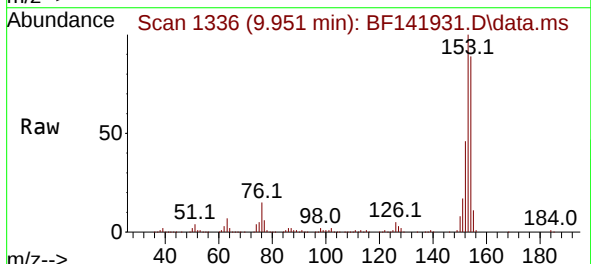
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

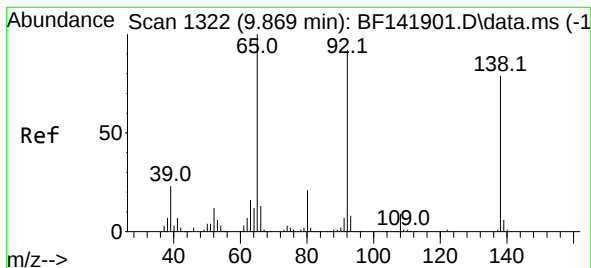
Tgt Ion:165 Resp: 201790
Ion Ratio Lower Upper
165 100
63 53.6 47.0 70.4
89 56.1 47.4 71.2



#52
Acenaphthene
Concen: 39.158 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion:154 Resp: 805141
Ion Ratio Lower Upper
154 100
153 112.5 90.7 136.1
152 51.4 41.1 61.7





#53

3-Nitroaniline

Concen: 39.704 ng

RT: 9.869 min Scan# 1322

Delta R.T. 0.000 min

Lab File: BF141931.D

Acq: 12 Mar 2025 10:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

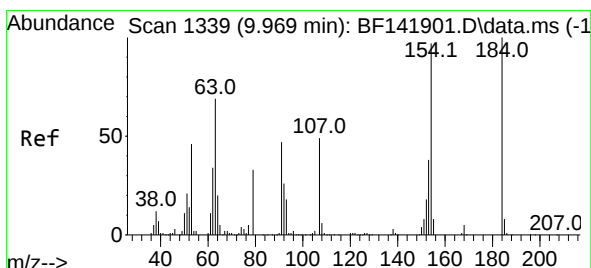
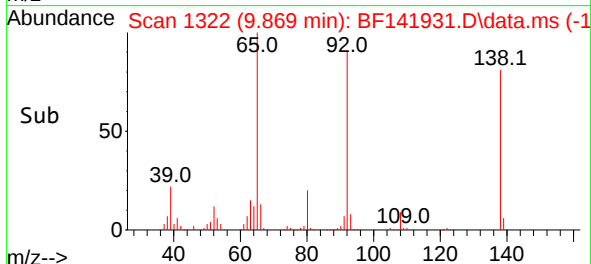
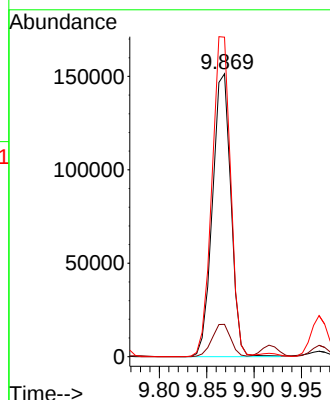
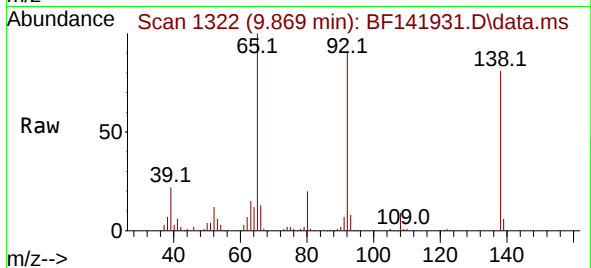
Tgt Ion:138 Resp: 204438

Ion Ratio Lower Upper

138 100

108 11.4 9.3 13.9

92 112.9 93.5 140.3



#54

2,4-Dinitrophenol

Concen: 41.352 ng

RT: 9.969 min Scan# 1339

Delta R.T. -0.000 min

Lab File: BF141931.D

Acq: 12 Mar 2025 10:08

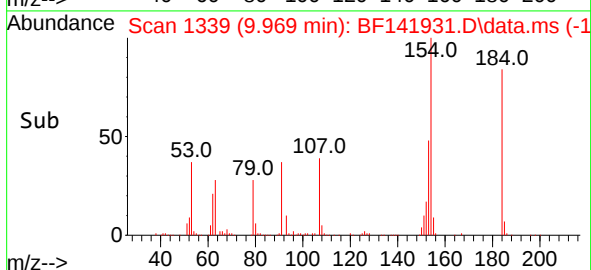
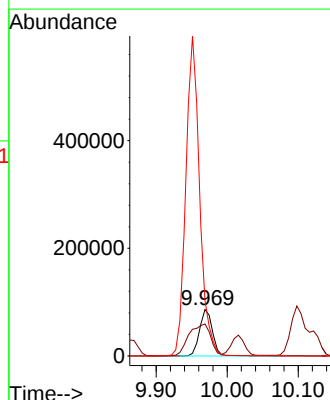
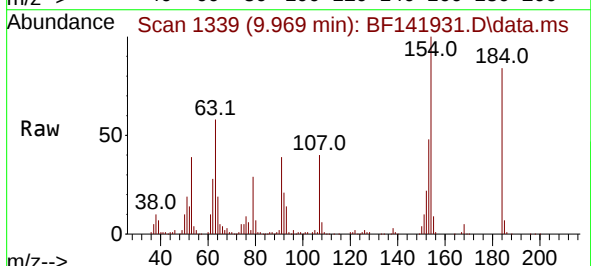
Tgt Ion:184 Resp: 109284

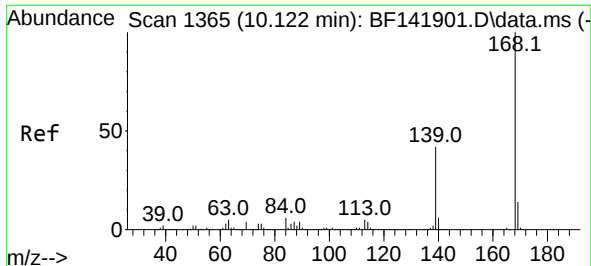
Ion Ratio Lower Upper

184 100

63 69.0 60.2 90.4

154 118.7 132.9 199.3#

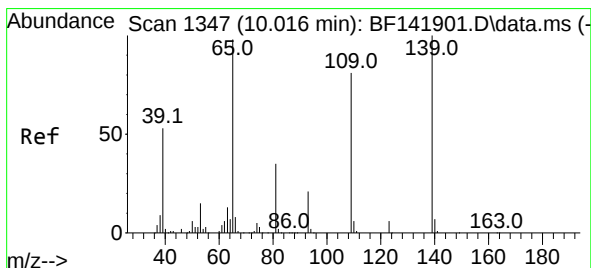
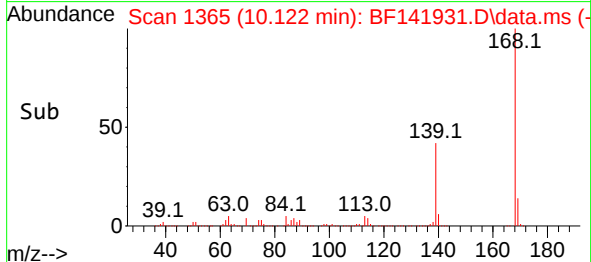
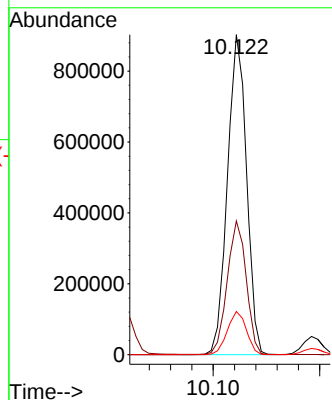
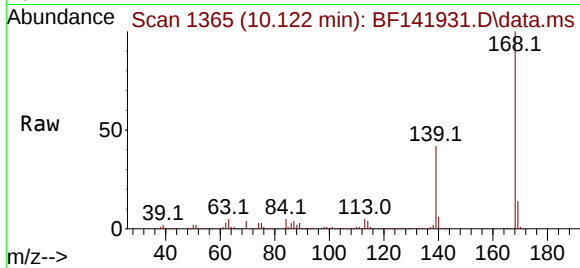




#55
Dibenzofuran
Concen: 38.243 ng
RT: 10.122 min Scan# 1365
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

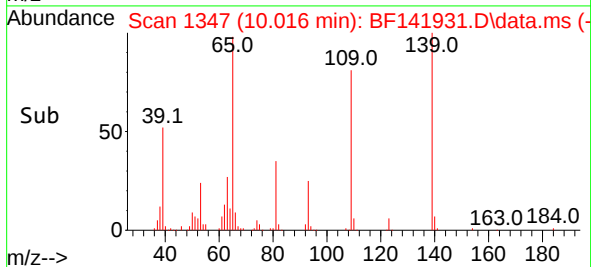
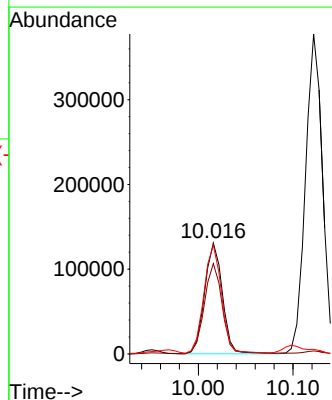
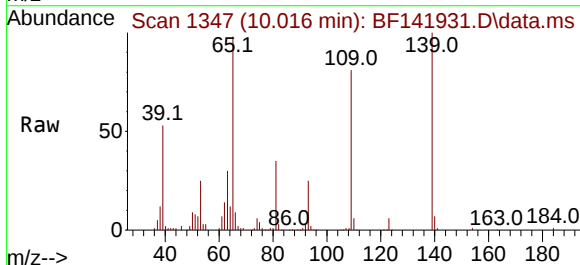
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

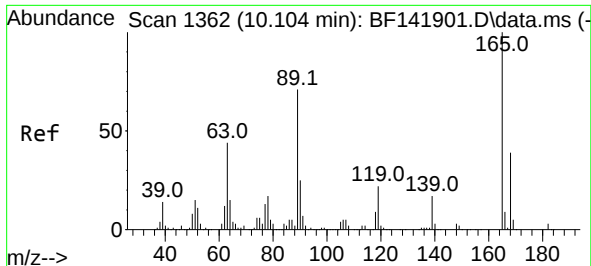
Tgt Ion:168 Resp: 1123580
Ion Ratio Lower Upper
168 100
139 41.8 33.9 50.9
169 13.5 11.0 16.4



#56
4-Nitrophenol
Concen: 43.934 ng
RT: 10.016 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion:139 Resp: 170597
Ion Ratio Lower Upper
139 100
109 81.3 61.6 101.6
65 97.9 79.4 119.4

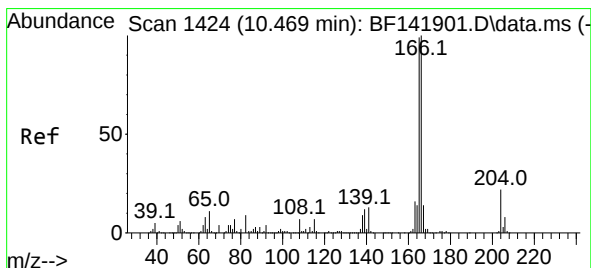
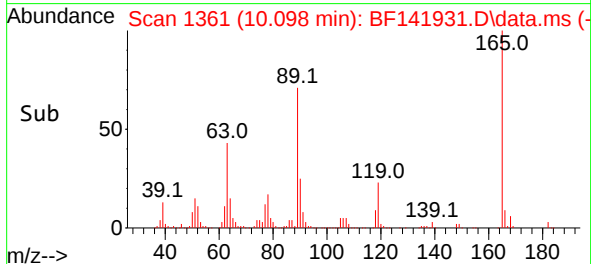
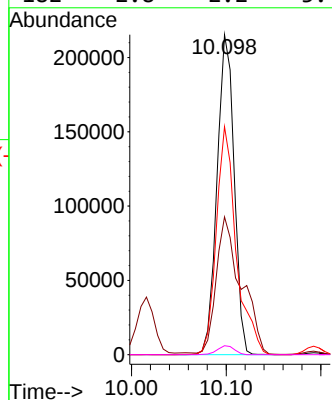
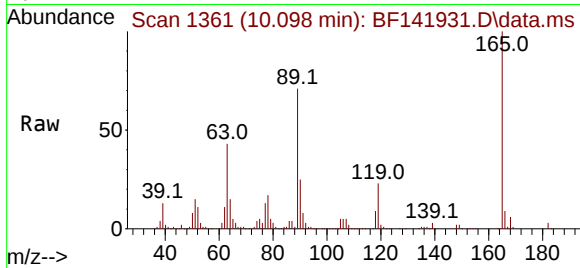




#57
2,4-Dinitrotoluene
Concen: 40.804 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

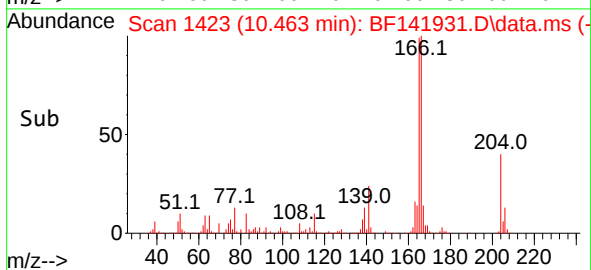
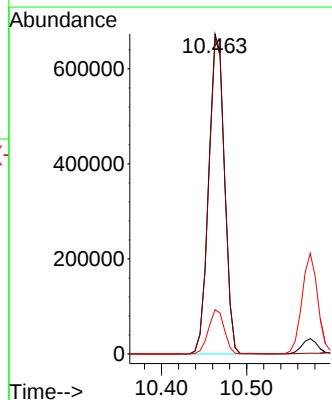
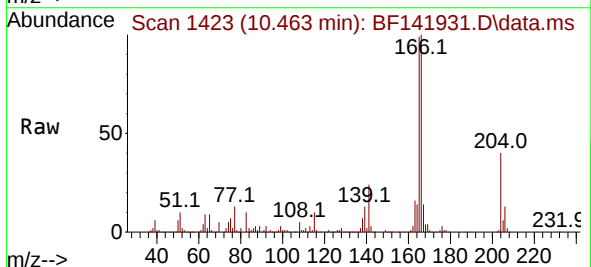
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

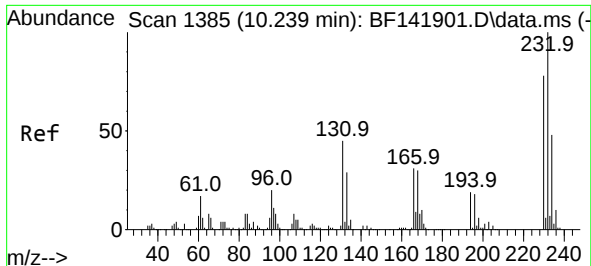
Tgt Ion:165 Resp: 270528
Ion Ratio Lower Upper
165 100
63 43.1 35.4 53.2
89 71.2 56.6 84.8
182 2.8 2.2 3.4



#58
Fluorene
Concen: 38.168 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion:166 Resp: 864779
Ion Ratio Lower Upper
166 100
165 98.7 79.0 118.4
167 13.8 11.0 16.4

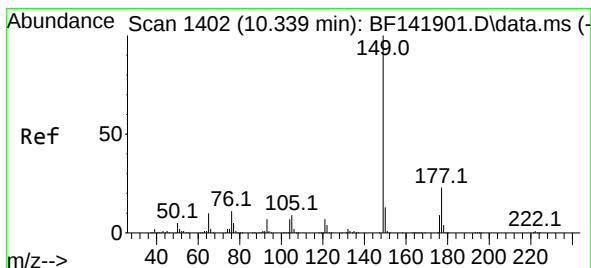
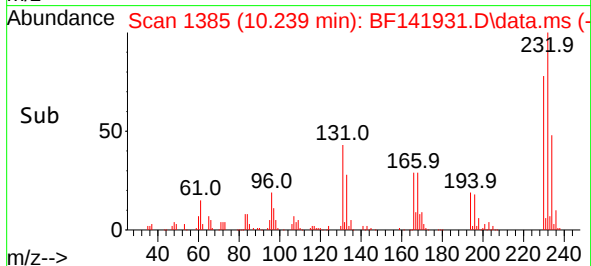
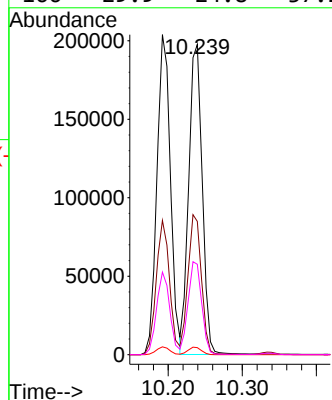
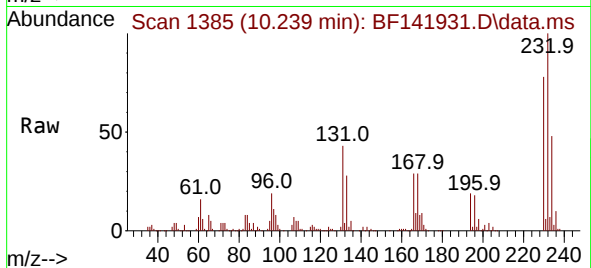




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.335 ng
RT: 10.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

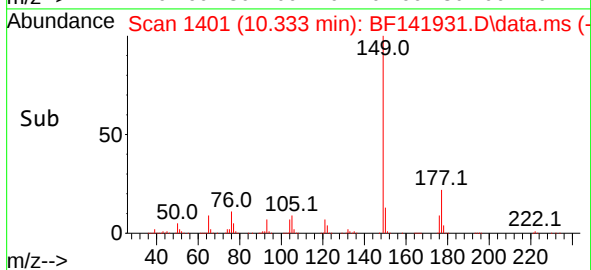
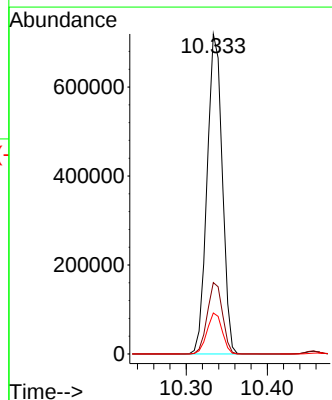
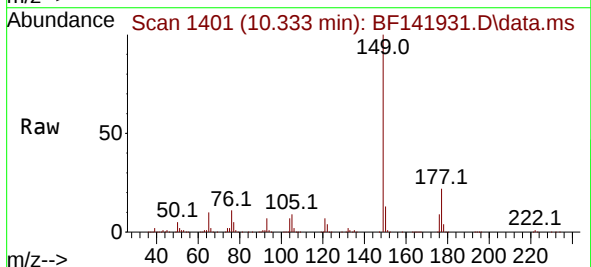
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

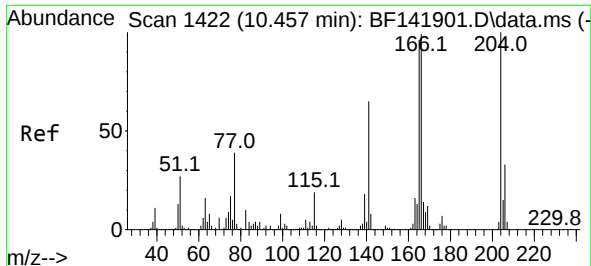
Tgt Ion:232 Resp: 251127
Ion Ratio Lower Upper
232 100
131 44.6 37.3 55.9
130 2.4 1.9 2.9
166 29.9 24.8 37.2



#60
Diethylphthalate
Concen: 38.257 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion:149 Resp: 930008
Ion Ratio Lower Upper
149 100
177 22.3 18.0 27.0
150 12.8 10.2 15.4

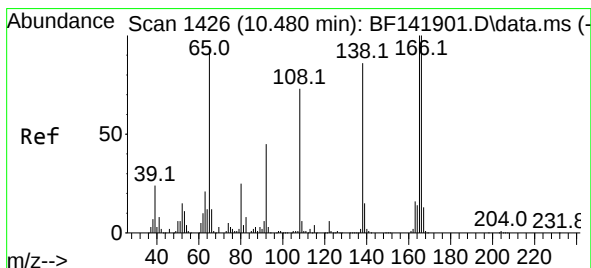
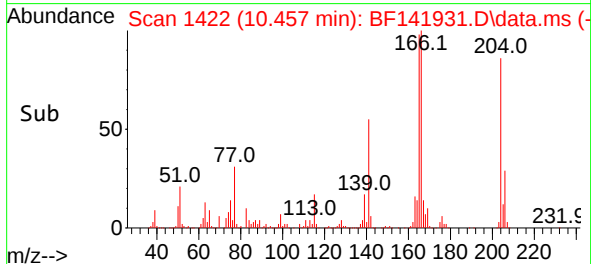
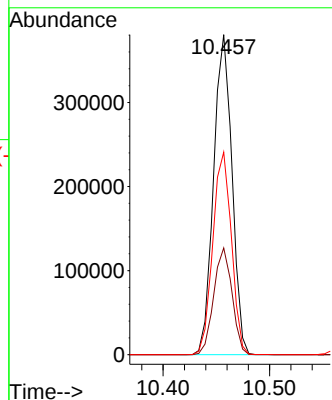
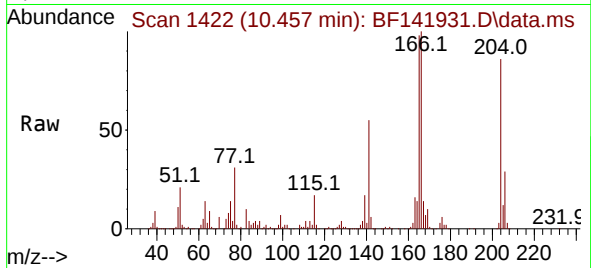




#61
4-Chlorophenyl-phenylether
Concen: 38.596 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

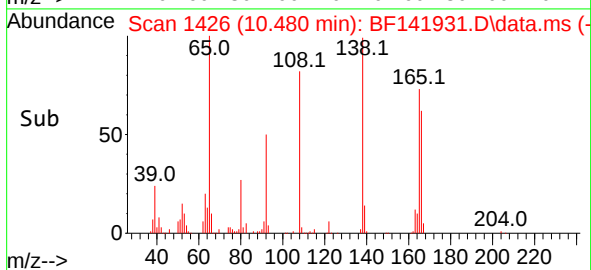
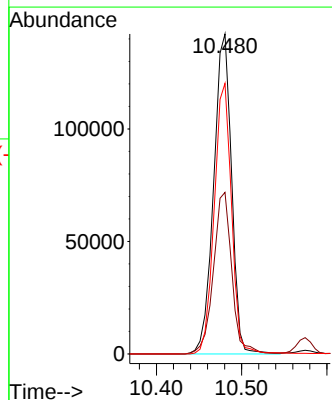
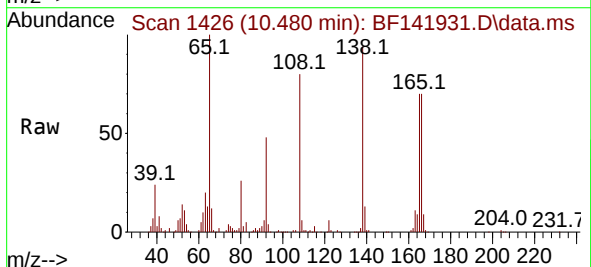
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

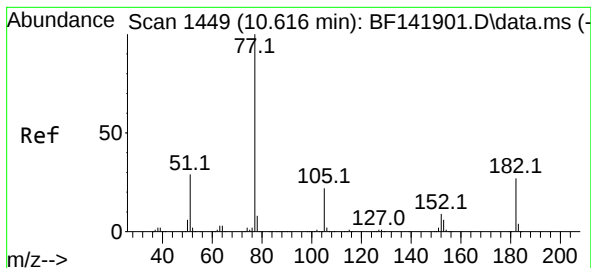
Tgt Ion:204 Resp: 455903
Ion Ratio Lower Upper
204 100
206 33.4 26.8 40.2
141 63.3 52.4 78.6



#62
4-Nitroaniline
Concen: 41.535 ng
RT: 10.480 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion:138 Resp: 208211
Ion Ratio Lower Upper
138 100
92 50.5 32.6 72.6
108 84.6 65.0 105.0





#63

Azobenzene

Concen: 37.774 ng

RT: 10.616 min Scan# 1449

Delta R.T. 0.000 min

Lab File: BF141931.D

Acq: 12 Mar 2025 10:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 853737

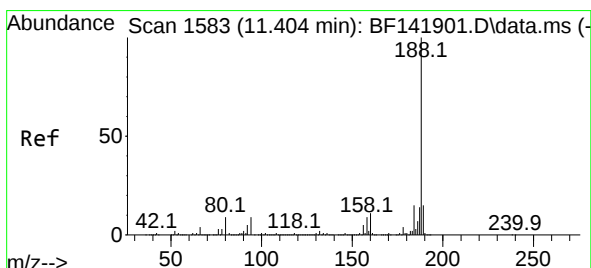
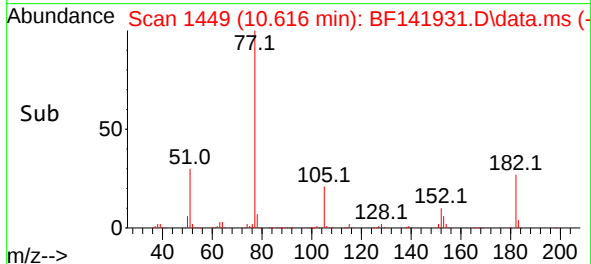
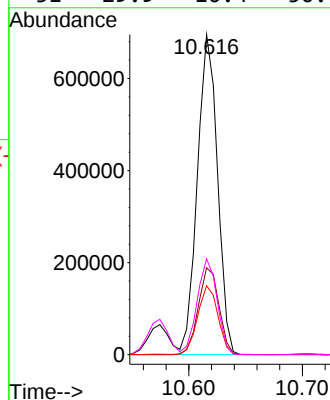
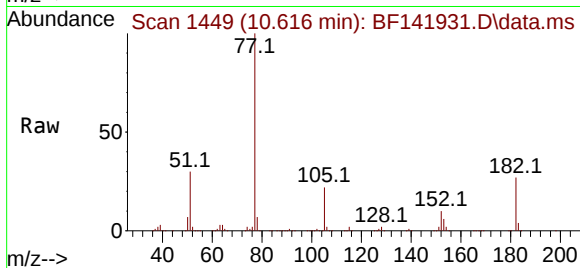
Ion Ratio Lower Upper

77 100

182 27.2 6.6 46.6

105 21.6 1.3 41.3

51 29.9 10.4 50.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1583

Delta R.T. -0.000 min

Lab File: BF141931.D

Acq: 12 Mar 2025 10:08

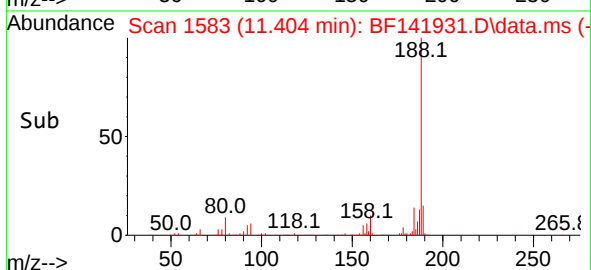
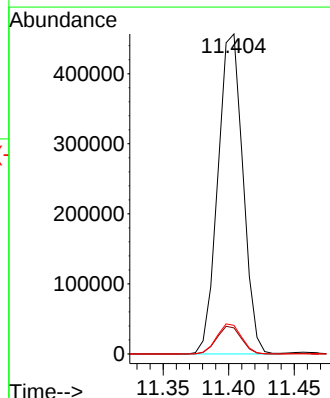
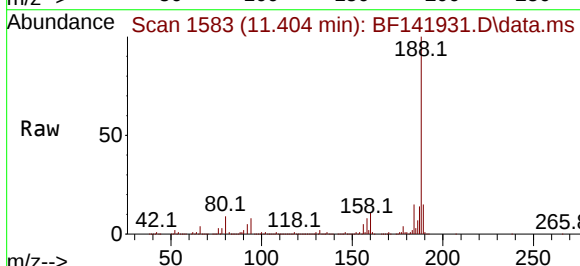
Tgt Ion: 188 Resp: 605778

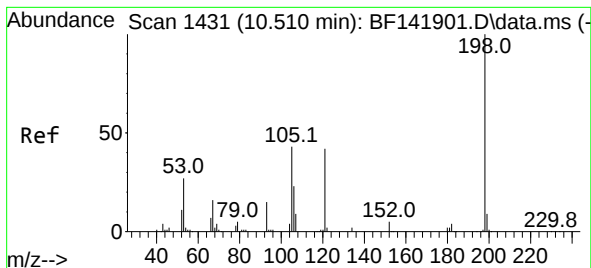
Ion Ratio Lower Upper

188 100

94 8.1 6.8 10.2

80 8.9 7.6 11.4

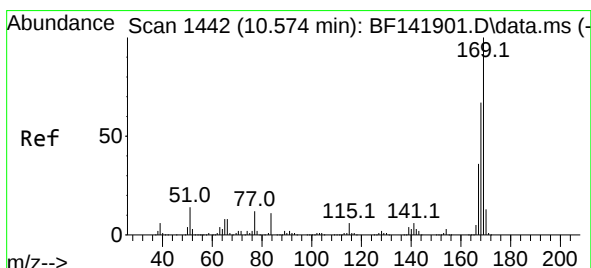
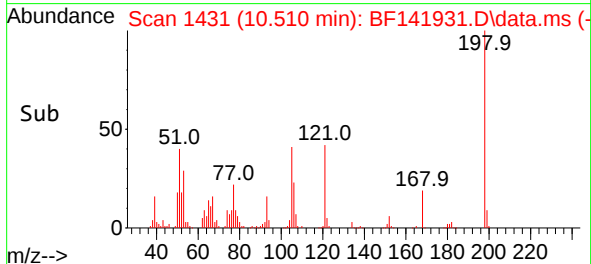
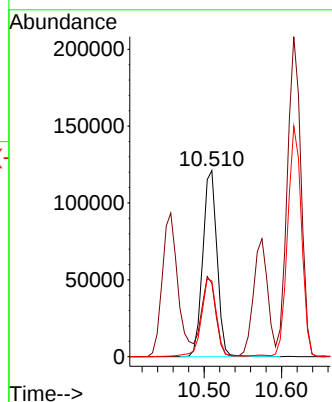
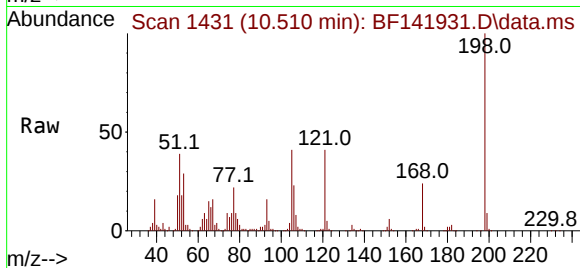




#65
4,6-Dinitro-2-methylphenol
Concen: 42.823 ng
RT: 10.510 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

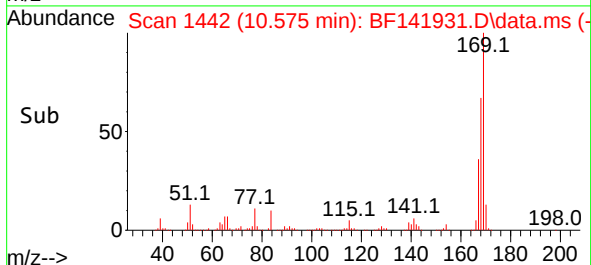
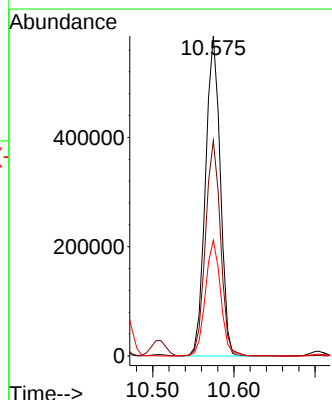
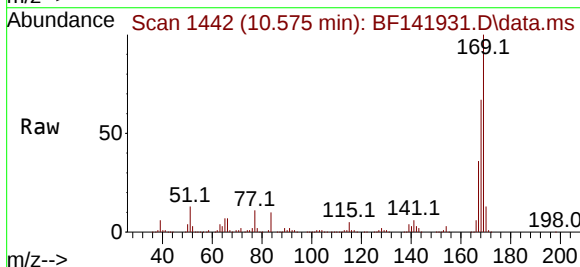
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

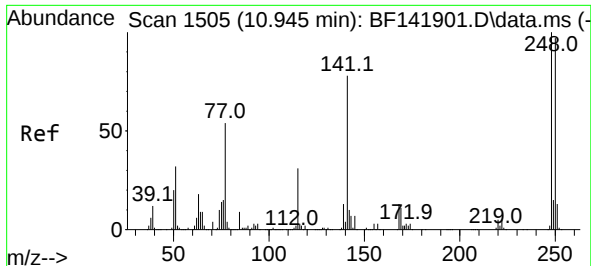
Tgt Ion:198 Resp: 154648
Ion Ratio Lower Upper
198 100
51 39.5 22.3 62.3
105 40.7 23.0 63.0



#66
n-Nitrosodiphenylamine
Concen: 37.666 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion:169 Resp: 738374
Ion Ratio Lower Upper
169 100
168 67.4 53.7 80.5
167 36.2 29.2 43.8

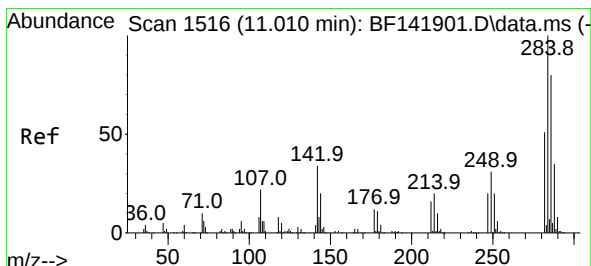
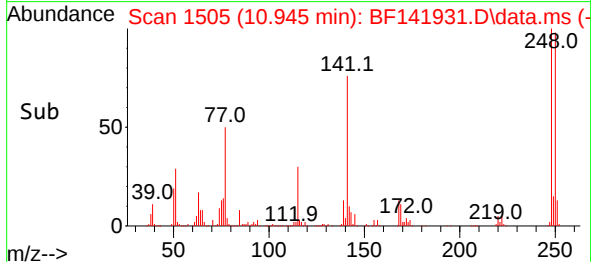
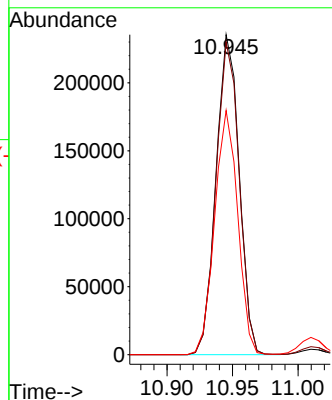
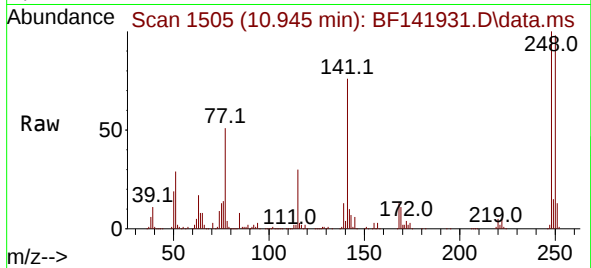




#67
4-Bromophenyl-phenylether
Concen: 38.079 ng
RT: 10.945 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

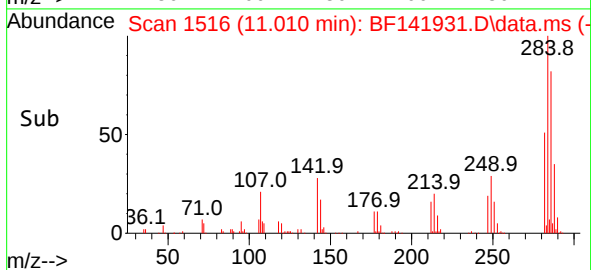
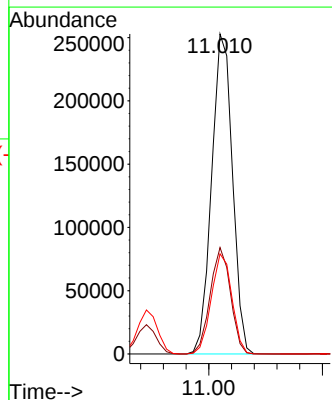
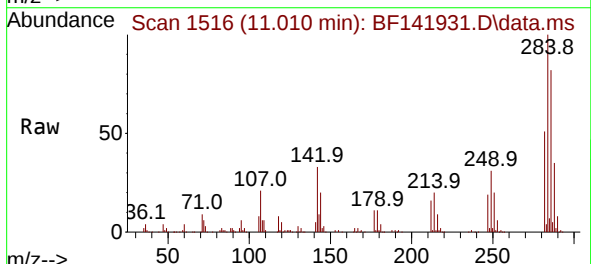
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

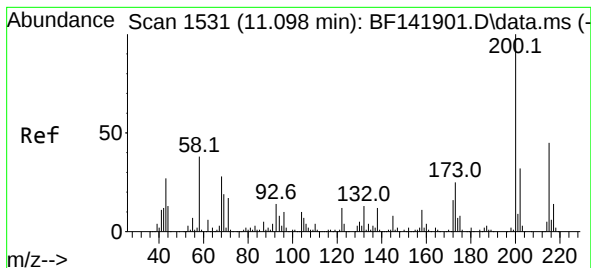
Tgt Ion:248 Resp: 289702
Ion Ratio Lower Upper
248 100
250 97.6 77.8 116.8
141 76.3 62.6 93.8



#68
Hexachlorobenzene
Concen: 38.493 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion:284 Resp: 321187
Ion Ratio Lower Upper
284 100
142 33.3 27.0 40.6
249 31.3 25.2 37.8





#69

Atrazine

Concen: 32.793 ng

RT: 11.098 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF141931.D

Acq: 12 Mar 2025 10:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

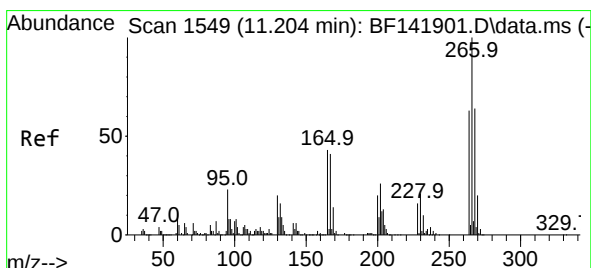
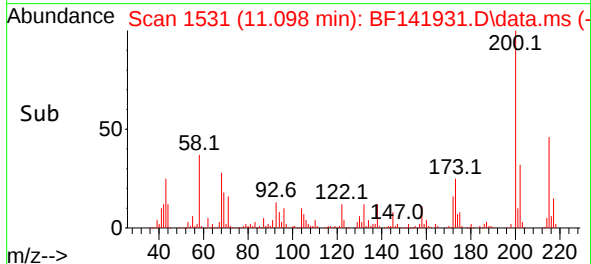
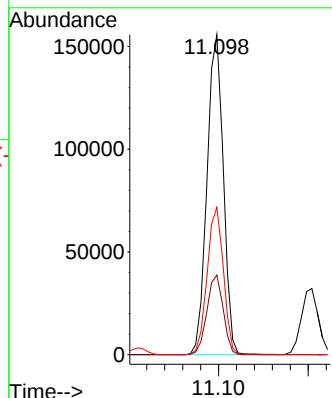
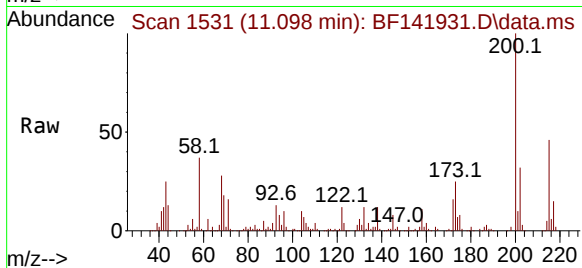
Tgt Ion:200 Resp: 197072

Ion Ratio Lower Upper

200 100

173 24.9 4.7 44.7

215 46.1 25.4 65.4



#70

Pentachlorophenol

Concen: 43.176 ng

RT: 11.204 min Scan# 1549

Delta R.T. 0.000 min

Lab File: BF141931.D

Acq: 12 Mar 2025 10:08

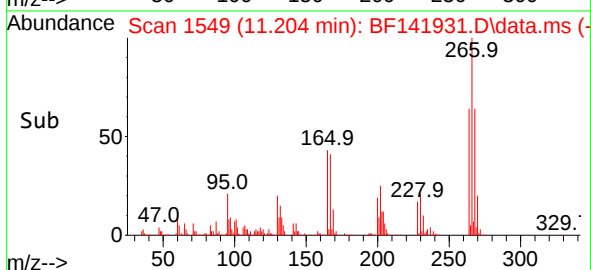
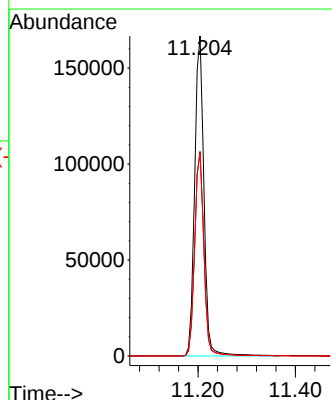
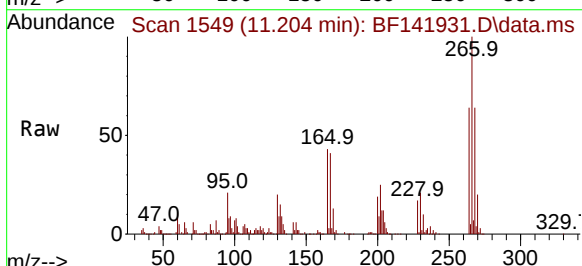
Tgt Ion:266 Resp: 221968

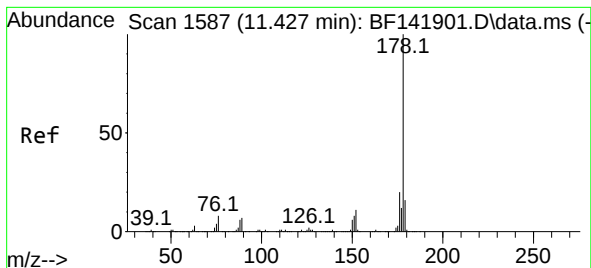
Ion Ratio Lower Upper

266 100

268 63.9 51.0 76.6

264 63.7 50.2 75.2





#71

Phenanthrene

Concen: 38.538 ng

RT: 11.427 min Scan# 1587

Delta R.T. 0.000 min

Lab File: BF141931.D

Acq: 12 Mar 2025 10:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

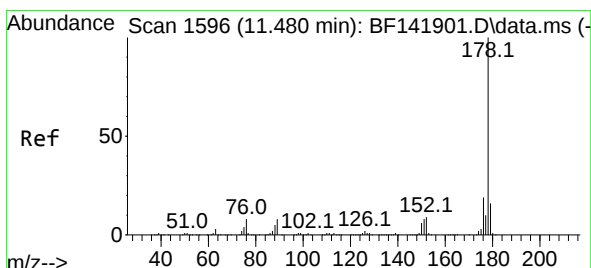
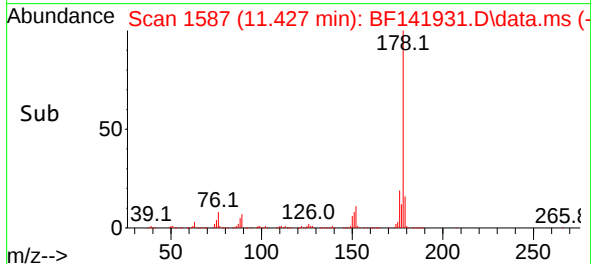
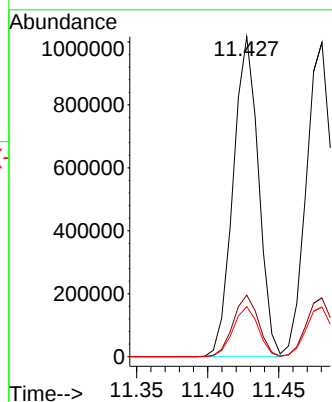
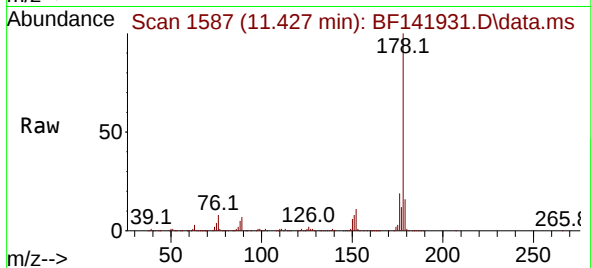
Tgt Ion:178 Resp: 1260955

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.8

179 15.6 12.6 19.0



#72

Anthracene

Concen: 38.516 ng

RT: 11.480 min Scan# 1596

Delta R.T. 0.000 min

Lab File: BF141931.D

Acq: 12 Mar 2025 10:08

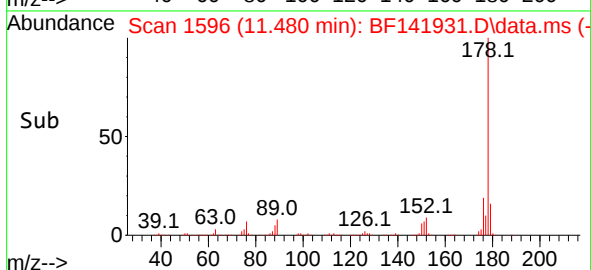
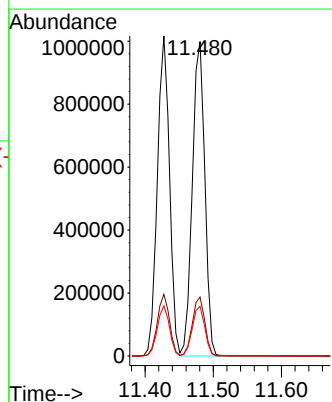
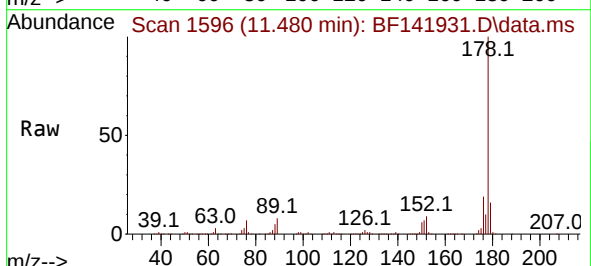
Tgt Ion:178 Resp: 1264363

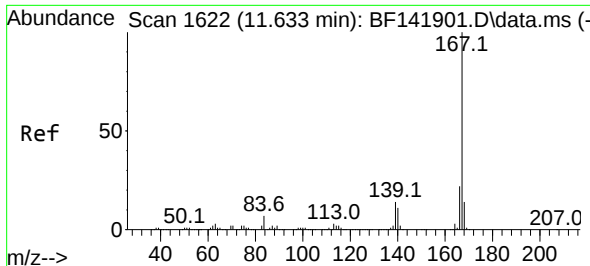
Ion Ratio Lower Upper

178 100

176 18.7 15.1 22.7

179 15.8 12.6 19.0

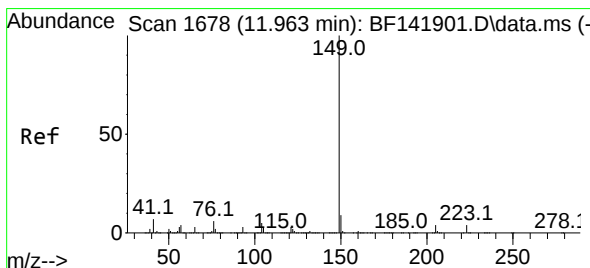
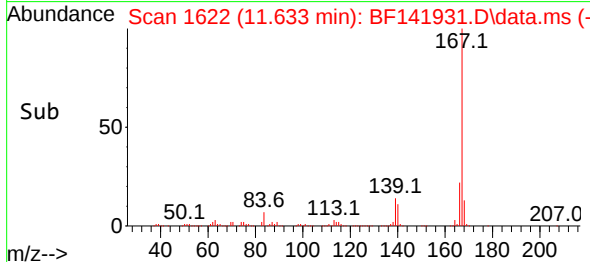
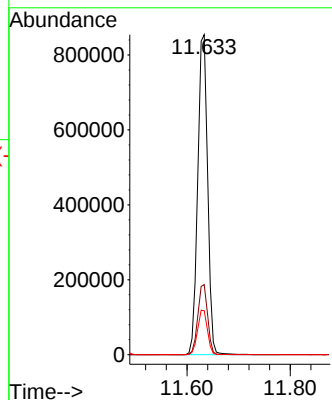
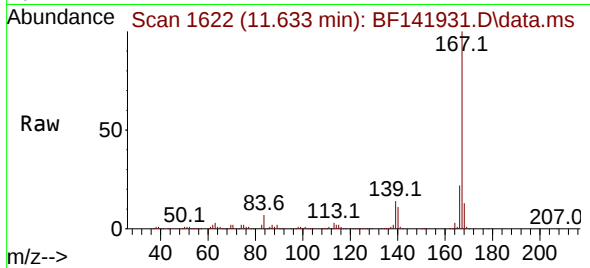




#73
 Carbazole
 Concen: 40.120 ng
 RT: 11.633 min Scan# 1622
 Delta R.T. 0.000 min
 Lab File: BF141931.D
 Acq: 12 Mar 2025 10:08

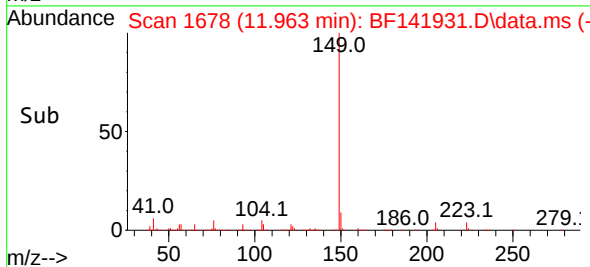
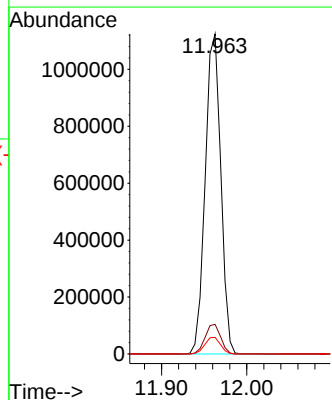
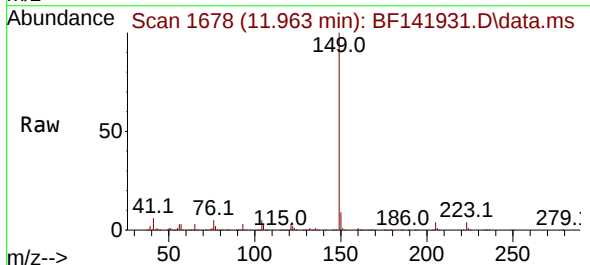
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

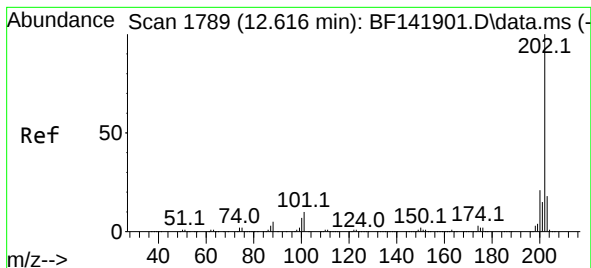
Tgt Ion:167 Resp: 1135803
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.2
 139 13.7 11.0 16.6



#74
 Di-n-butylphthalate
 Concen: 37.980 ng
 RT: 11.963 min Scan# 1678
 Delta R.T. 0.000 min
 Lab File: BF141931.D
 Acq: 12 Mar 2025 10:08

Tgt Ion:149 Resp: 1426682
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.6 11.4
 104 5.2 4.4 6.6





#75

Fluoranthene

Concen: 40.179 ng

RT: 12.616 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF141931.D

Acq: 12 Mar 2025 10:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

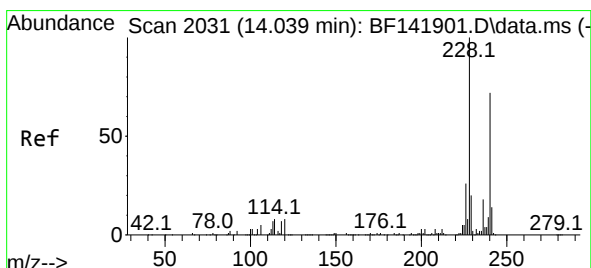
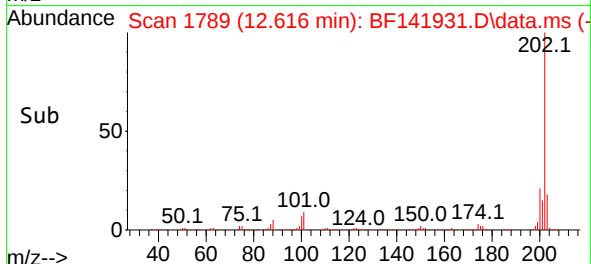
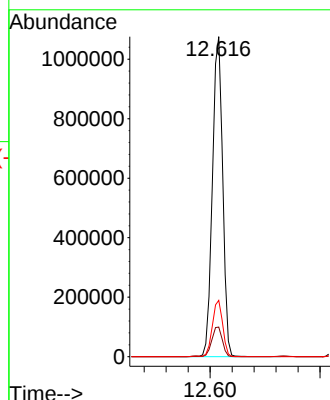
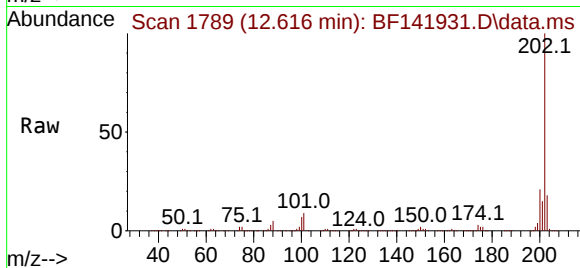
Tgt Ion:202 Resp: 1394563

Ion Ratio Lower Upper

202 100

101 9.3 0.0 29.7

203 17.6 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF141931.D

Acq: 12 Mar 2025 10:08

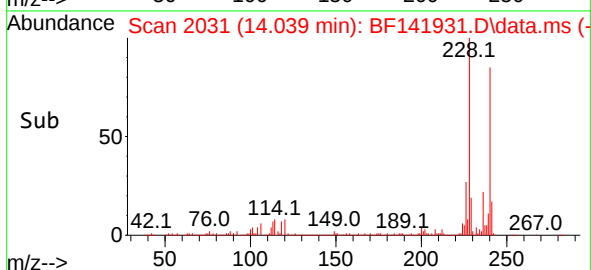
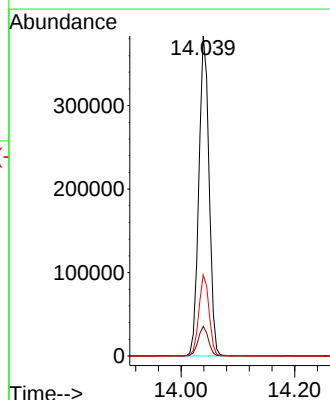
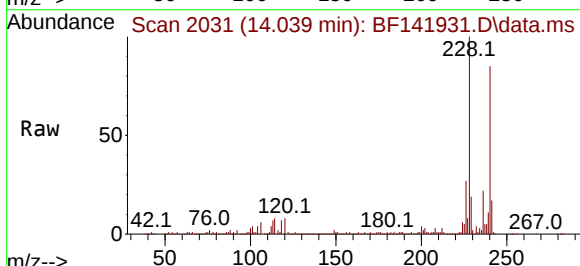
Tgt Ion:240 Resp: 481594

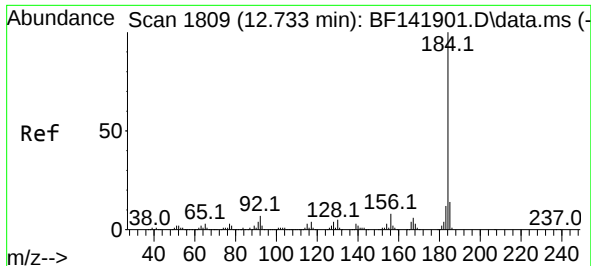
Ion Ratio Lower Upper

240 100

120 9.3 8.4 12.6

236 25.3 20.5 30.7

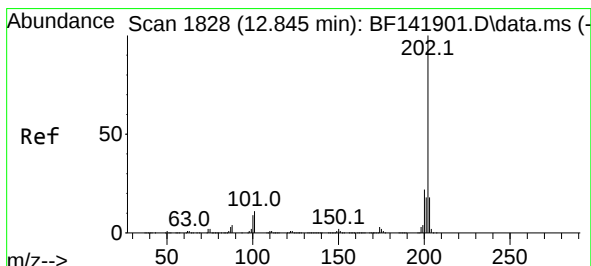
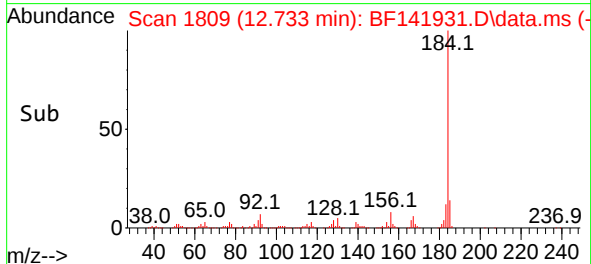
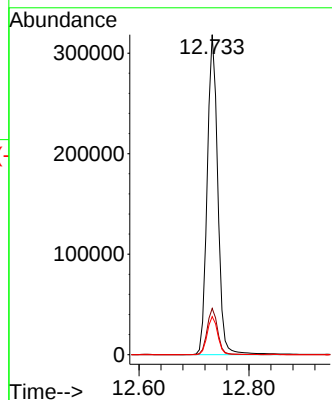
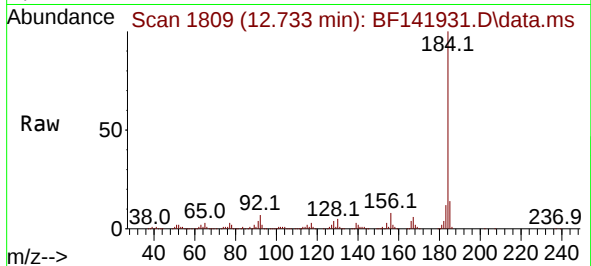




#77
Benzidine
Concen: 63.210 ng
RT: 12.733 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

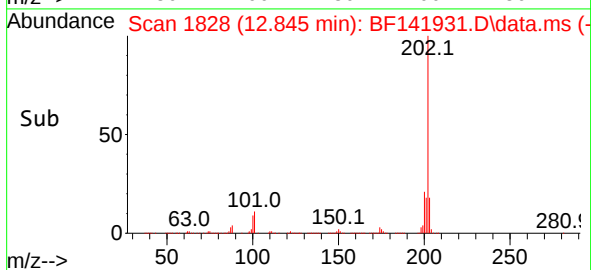
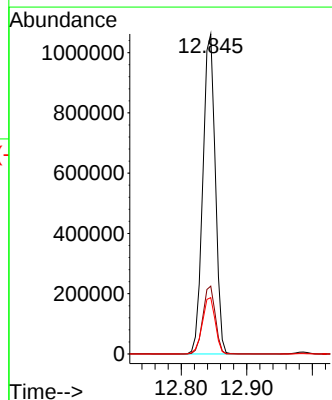
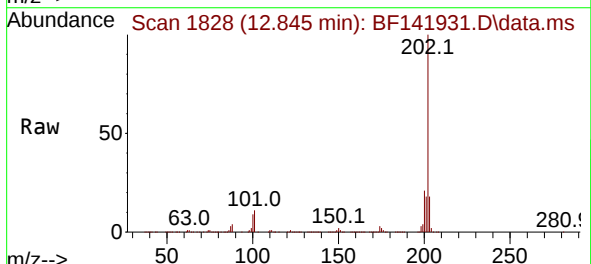
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

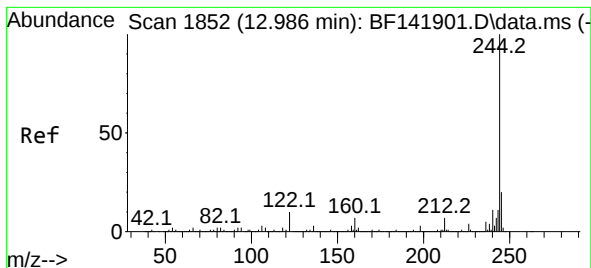
Tgt Ion:184 Resp: 424714
Ion Ratio Lower Upper
184 100
185 14.5 11.5 17.3
183 11.9 9.7 14.5



#78
Pyrene
Concen: 33.701 ng
RT: 12.845 min Scan# 1828
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion:202 Resp: 1403910
Ion Ratio Lower Upper
202 100
200 21.2 17.3 25.9
203 17.6 14.4 21.6





#79

Terphenyl-d14

Concen: 67.799 ng

RT: 12.986 min Scan# 1852

Delta R.T. 0.000 min

Lab File: BF141931.D

Acq: 12 Mar 2025 10:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

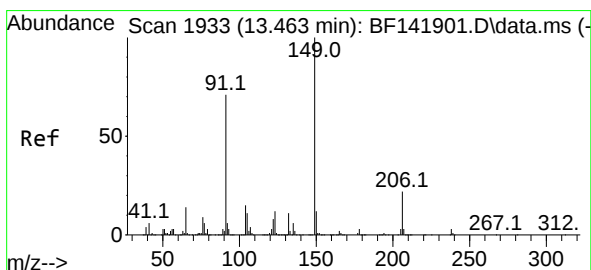
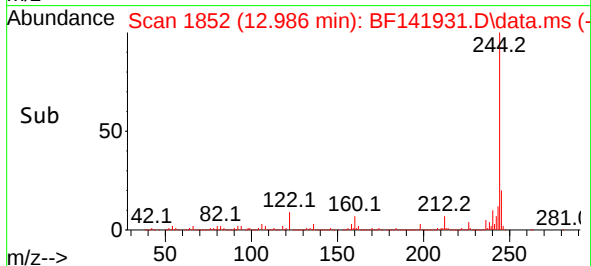
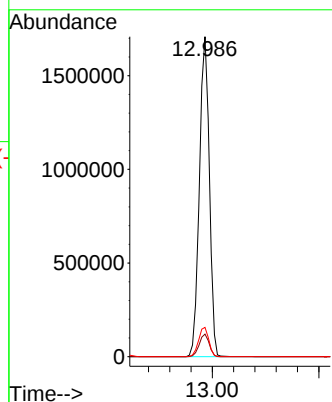
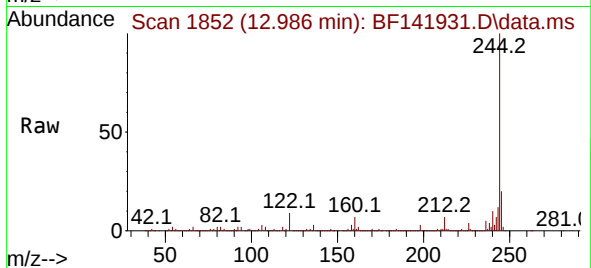
Tgt Ion:244 Resp: 2208503

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

122 9.2 7.7 11.5



#80

Butylbenzylphthalate

Concen: 34.960 ng

RT: 13.457 min Scan# 1932

Delta R.T. -0.006 min

Lab File: BF141931.D

Acq: 12 Mar 2025 10:08

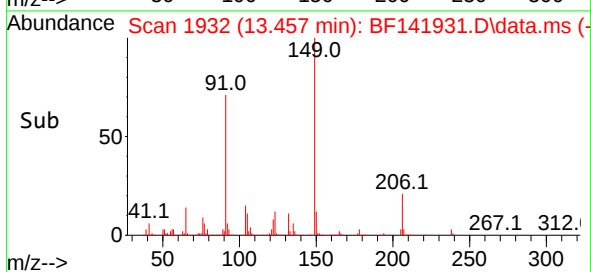
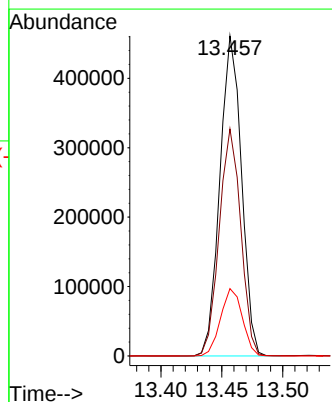
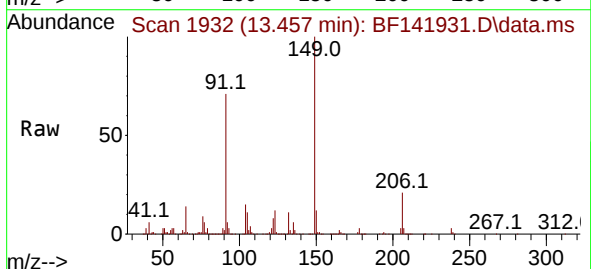
Tgt Ion:149 Resp: 570029

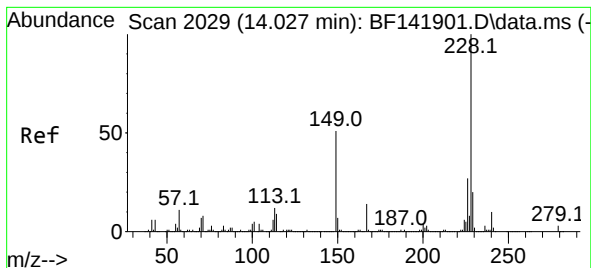
Ion Ratio Lower Upper

149 100

91 71.0 56.5 84.7

206 21.1 17.3 25.9





#81

Benzo(a)anthracene

Concen: 37.086 ng

RT: 14.027 min Scan# 2029

Delta R.T. 0.000 min

Lab File: BF141931.D

Acq: 12 Mar 2025 10:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

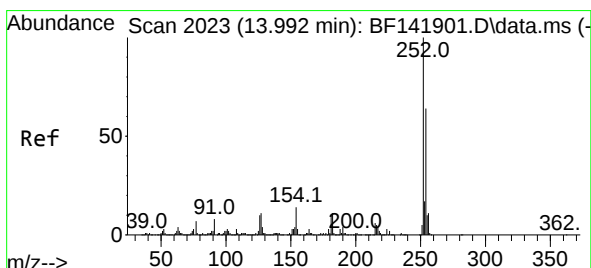
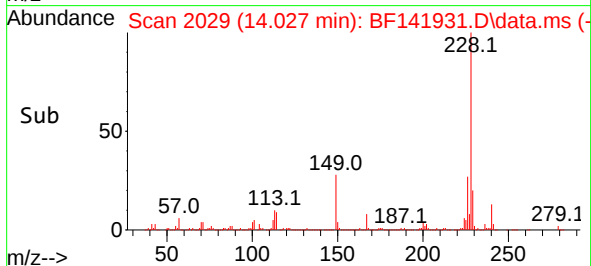
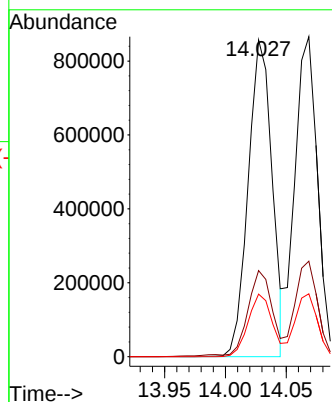
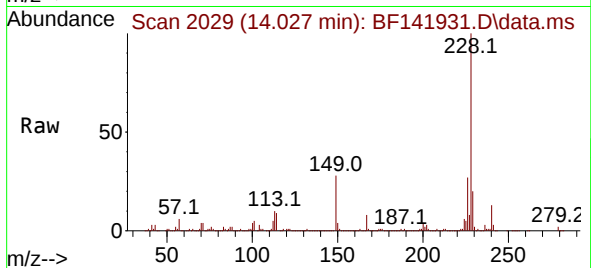
Tgt Ion:228 Resp: 1171992

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.8

229 19.8 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 42.005 ng

RT: 13.992 min Scan# 2023

Delta R.T. 0.000 min

Lab File: BF141931.D

Acq: 12 Mar 2025 10:08

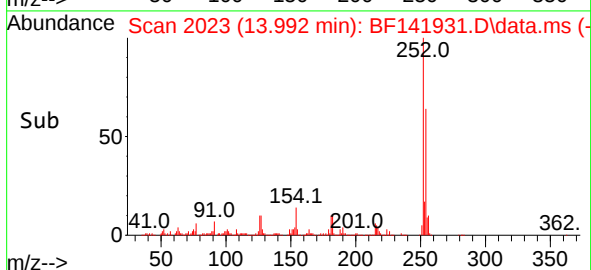
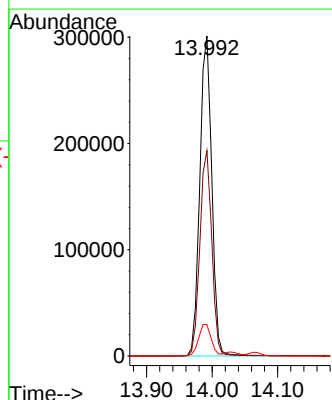
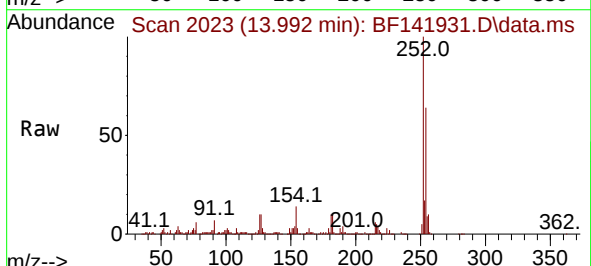
Tgt Ion:252 Resp: 383617

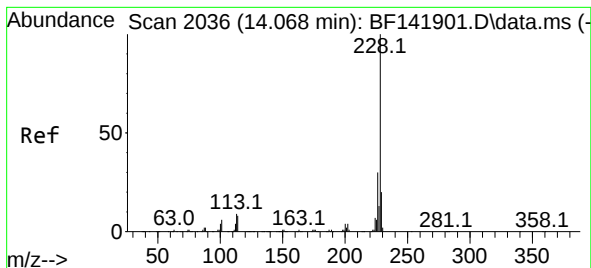
Ion Ratio Lower Upper

252 100

254 64.2 51.0 76.6

126 9.8 8.4 12.6





#83

Chrysene

Concen: 38.943 ng

RT: 14.068 min Scan# 2036

Delta R.T. 0.000 min

Lab File: BF141931.D

Acq: 12 Mar 2025 10:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

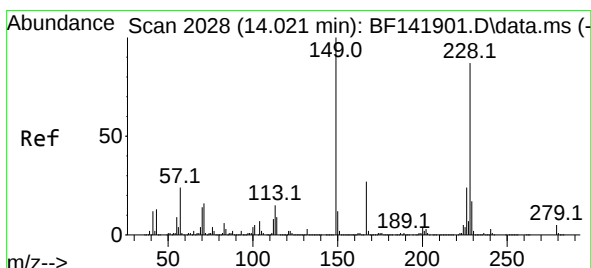
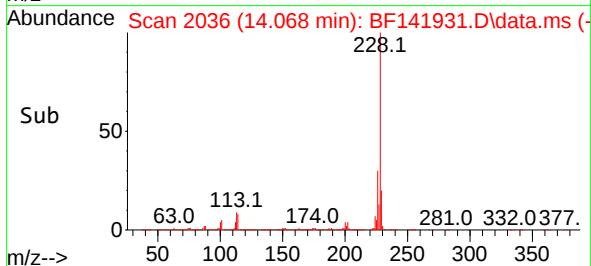
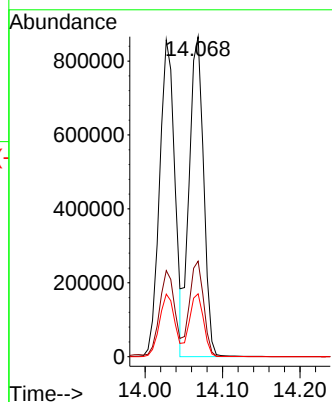
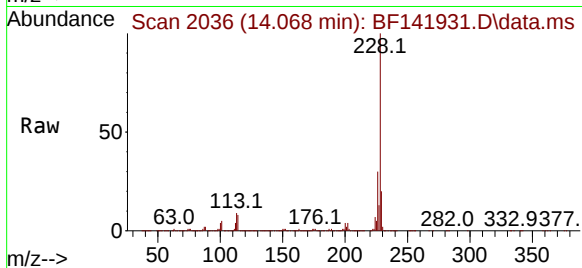
Tgt Ion:228 Resp: 1115589

Ion Ratio Lower Upper

228 100

226 29.9 24.1 36.1

229 19.6 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 34.362 ng

RT: 14.016 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF141931.D

Acq: 12 Mar 2025 10:08

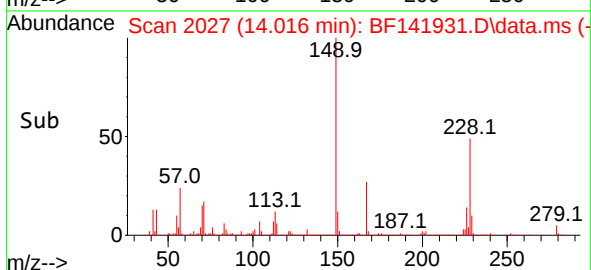
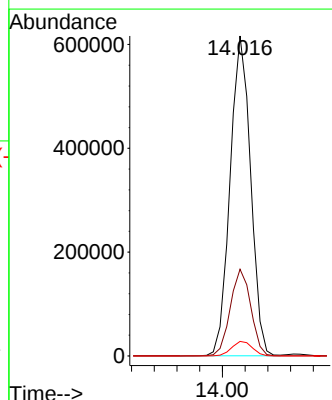
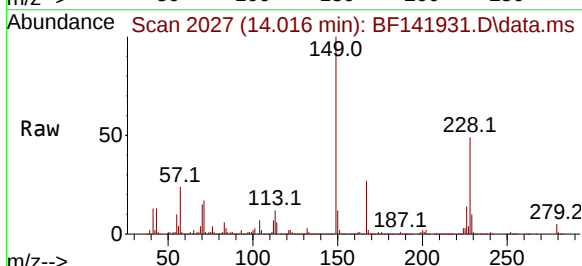
Tgt Ion:149 Resp: 772514

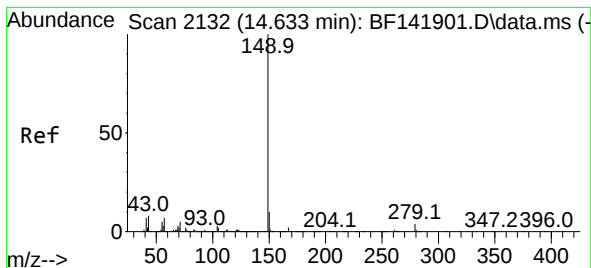
Ion Ratio Lower Upper

149 100

167 27.1 21.4 32.0

279 4.5 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 38.193 ng

RT: 14.627 min Scan# 2132

Delta R.T. -0.006 min

Lab File: BF141931.D

Acq: 12 Mar 2025 10:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

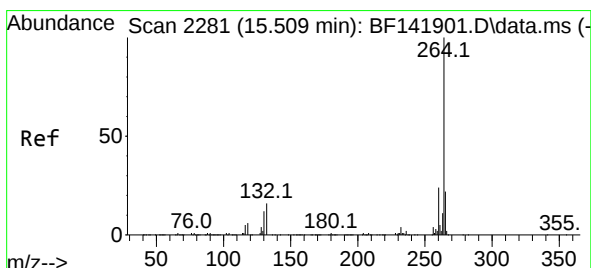
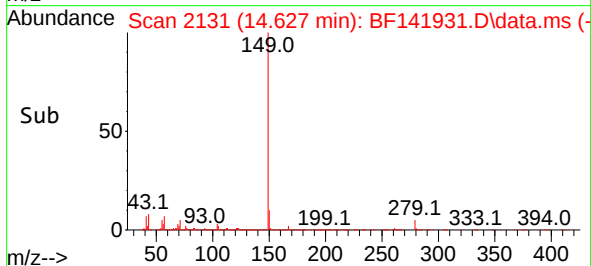
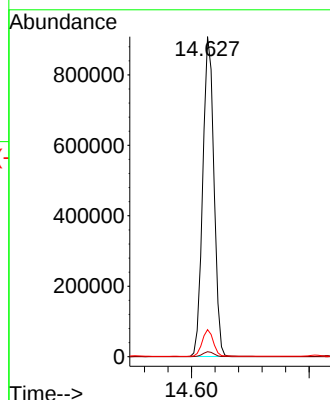
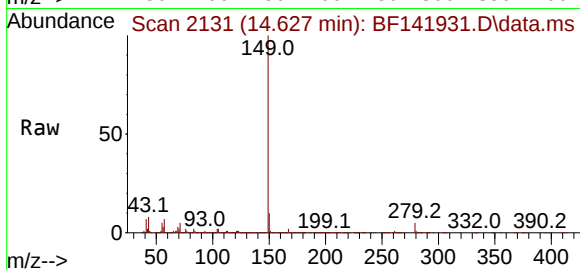
Tgt Ion:149 Resp: 1194710

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.3 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 2281

Delta R.T. 0.000 min

Lab File: BF141931.D

Acq: 12 Mar 2025 10:08

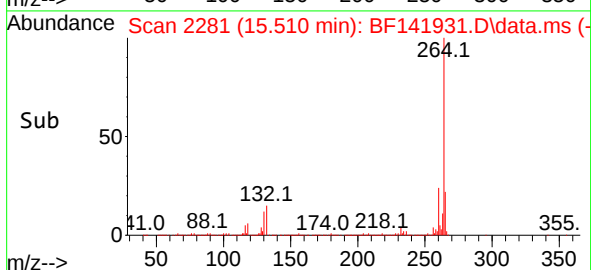
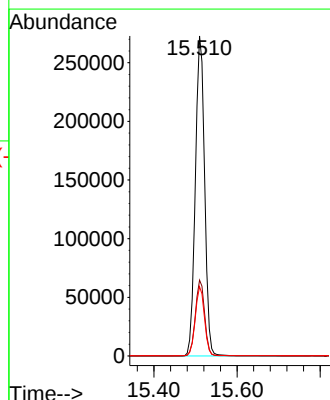
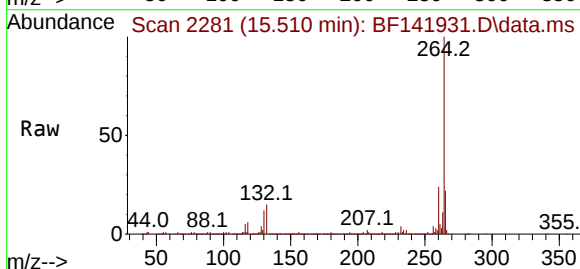
Tgt Ion:264 Resp: 422923

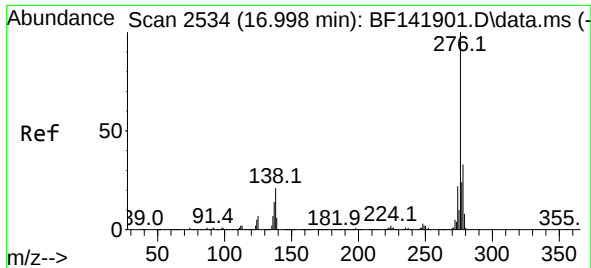
Ion Ratio Lower Upper

264 100

260 23.7 19.1 28.7

265 21.6 17.5 26.3

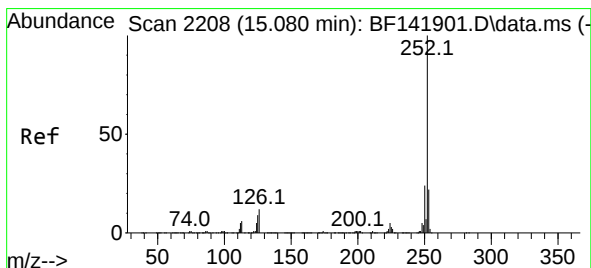
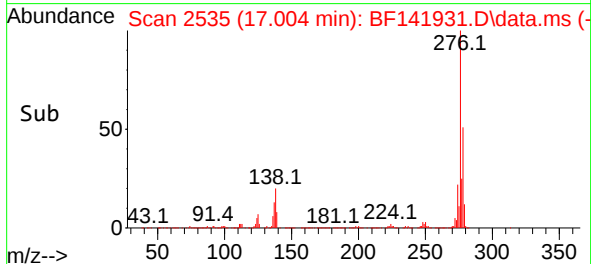
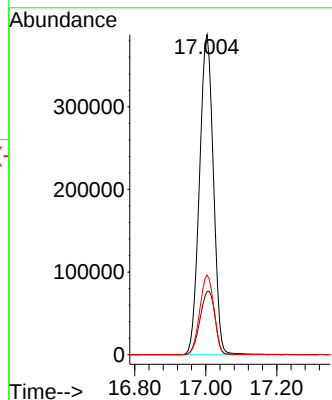
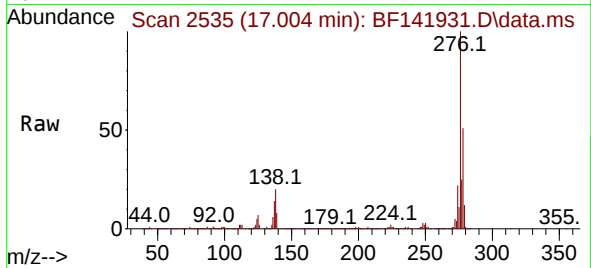




#87
Indeno(1,2,3-cd)pyrene
Concen: 38.688 ng
RT: 17.004 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

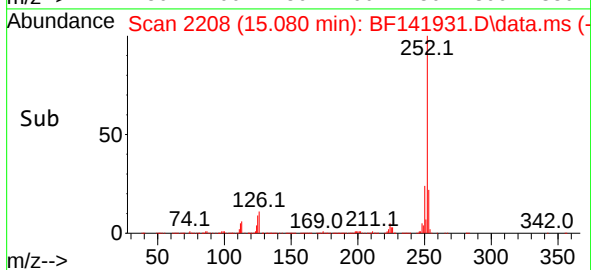
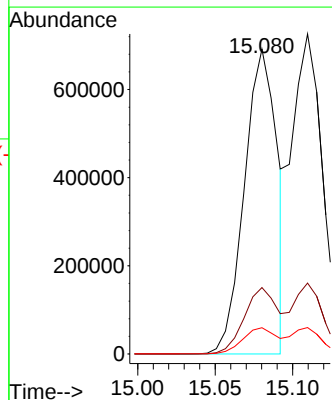
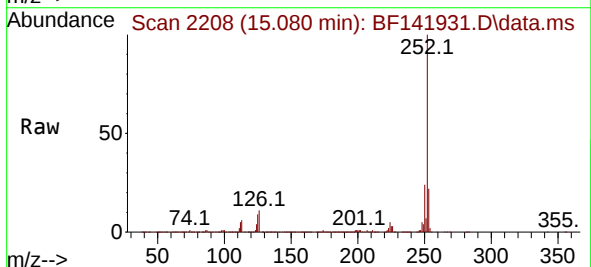
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

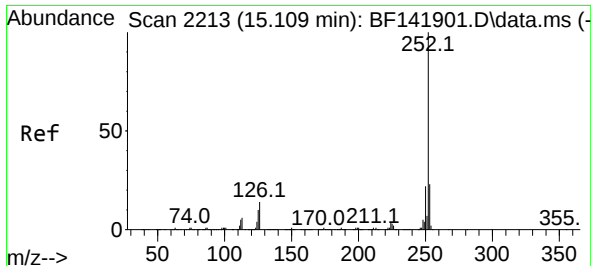
Tgt Ion:276 Resp: 1058431
Ion Ratio Lower Upper
276 100
138 21.4 18.4 27.6
277 25.5 20.3 30.5



#88
Benzo(b)fluoranthene
Concen: 35.023 ng
RT: 15.080 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion:252 Resp: 1015154
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 8.6 7.0 10.4

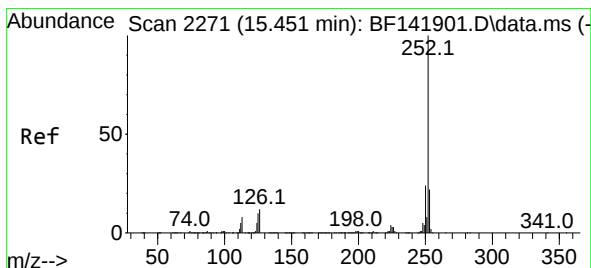
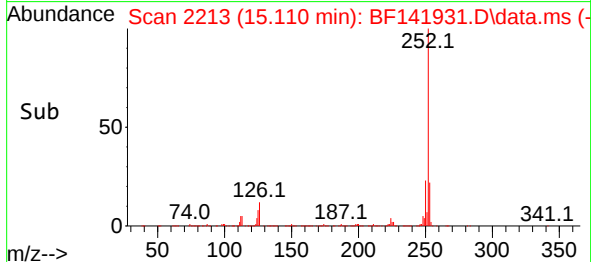
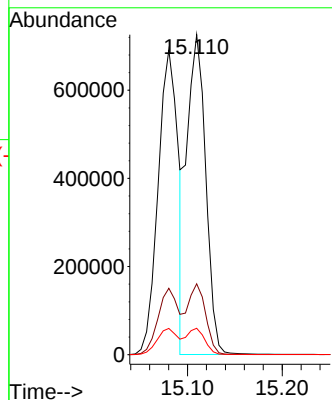
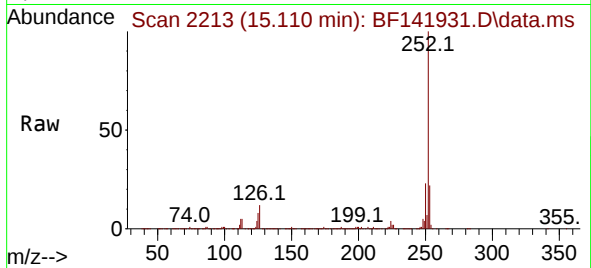




#89
Benzo(k)fluoranthene
Concen: 40.059 ng
RT: 15.110 min Scan# 211
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

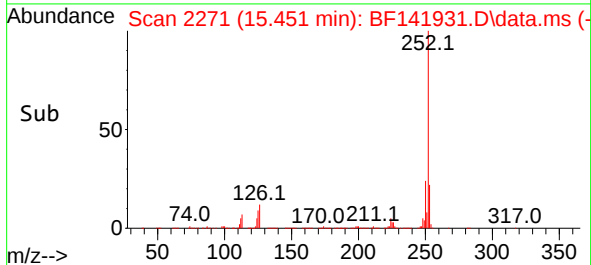
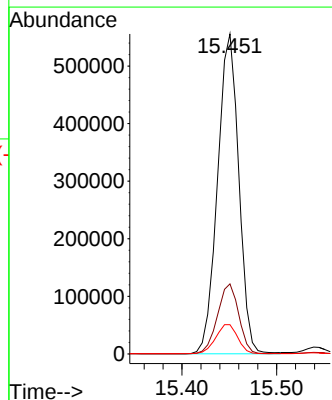
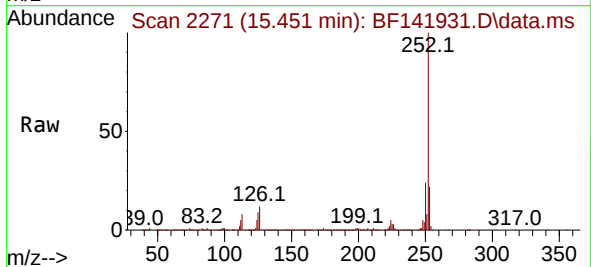
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

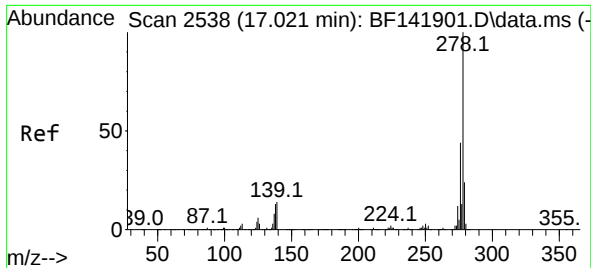
Tgt Ion:252 Resp: 993652
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 8.3 7.2 10.8



#90
Benzo(a)pyrene
Concen: 38.201 ng
RT: 15.451 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion:252 Resp: 866392
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 9.1 7.8 11.8

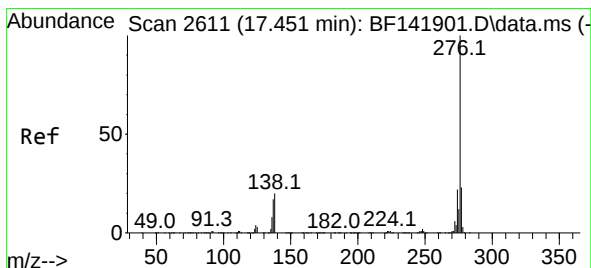
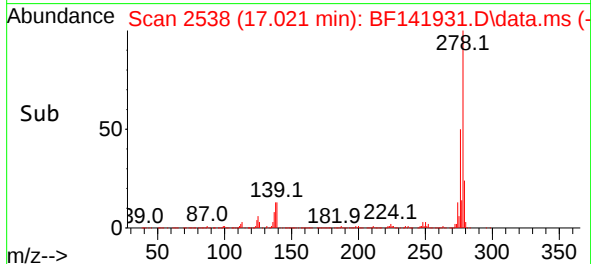
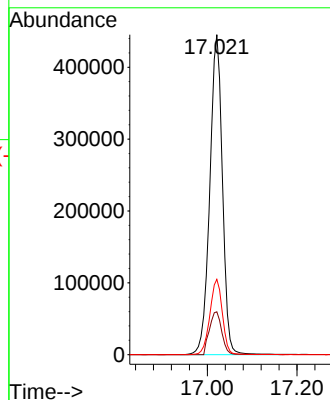
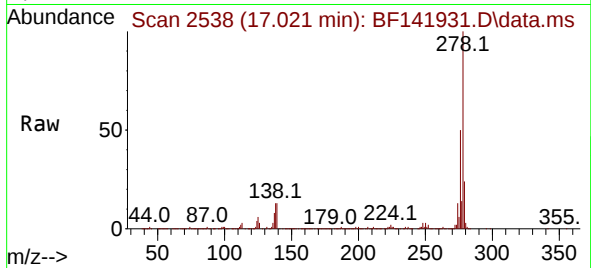




#91
Dibenzo(a,h)anthracene
Concen: 38.541 ng
RT: 17.021 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 869970
Ion Ratio Lower Upper
278 100
139 13.4 11.4 17.2
279 23.6 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 39.809 ng
RT: 17.456 min Scan# 2612
Delta R.T. 0.006 min
Lab File: BF141931.D
Acq: 12 Mar 2025 10:08

Tgt Ion:276 Resp: 887990
Ion Ratio Lower Upper
276 100
277 23.7 18.7 28.1
138 17.9 15.8 23.8

