

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030325\
 Data File : BF141811.D
 Acq On : 03 Mar 2025 14:16
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 03 15:34:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 28 01:48:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	333117	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1275842	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	681541	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	1117998	20.000	ng	0.00
76) Chrysene-d12	14.045	240	663447	20.000	ng	0.00
86) Perylene-d12	15.515	264	550070	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1606575	77.020	ng	0.00
7) Phenol-d6	6.510	99	2080320	76.623	ng	0.00
23) Nitrobenzene-d5	7.451	82	1742007	87.275	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	510606	79.802	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	3309900	77.871	ng	0.00
79) Terphenyl-d14	12.992	244	3357923	81.888	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.693	88	380401	40.191	ng	100
3) Pyridine	3.451	79	936261	39.758	ng	99
4) n-Nitrosodimethylamine	3.410	42	462198	40.791	ng	97
6) Aniline	6.551	93	1087753	38.537	ng	100
8) 2-Chlorophenol	6.675	128	871855	38.638	ng	98
9) Benzaldehyde	6.440	77	543505	34.415	ng	100
10) Phenol	6.522	94	1115999	38.467	ng	98
11) bis(2-Chloroethyl)ether	6.622	93	862702	39.010	ng	99
12) 1,3-Dichlorobenzene	6.828	146	947471	39.209	ng	99
13) 1,4-Dichlorobenzene	6.904	146	952610	39.124	ng	100
14) 1,2-Dichlorobenzene	7.063	146	882292	38.805	ng	99
15) Benzyl Alcohol	7.022	79	826687	38.099	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	1313544	39.111	ng	99
17) 2-Methylphenol	7.128	107	722047	38.767	ng	99
18) Hexachloroethane	7.404	117	351046	38.521	ng	98
19) n-Nitroso-di-n-propyla...	7.304	70	667446	37.397	ng	99
20) 3+4-Methylphenols	7.287	107	884098	38.120	ng	93
22) Acetophenone	7.298	105	1227307	39.497	ng	98
24) Nitrobenzene	7.469	77	909529	42.553	ng	98
25) Isophorone	7.710	82	1669719	38.938	ng	99
26) 2-Nitrophenol	7.786	139	350206	37.751	ng	98
27) 2,4-Dimethylphenol	7.816	122	622034	39.462	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	1072963	39.225	ng	100
29) 2,4-Dichlorophenol	8.022	162	729173	40.098	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	796334	39.964	ng	99
31) Naphthalene	8.192	128	2577208	39.303	ng	100
32) Benzoic acid	7.928	122	470459	37.721	ng	99
33) 4-Chloroaniline	8.239	127	939425	39.072	ng	100
34) Hexachlorobutadiene	8.310	225	496196	40.073	ng	98
35) Caprolactam	8.610	113	224556	40.141	ng	100
36) 4-Chloro-3-methylphenol	8.710	107	792497	39.231	ng	98
37) 2-Methylnaphthalene	8.881	142	1677110	38.993	ng	100
38) 1-Methylnaphthalene	8.981	142	1619174	39.234	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	786375	39.951	ng	100
41) Hexachlorocyclopentadiene	9.033	237	320767	39.049	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	500423	39.357	ng	100

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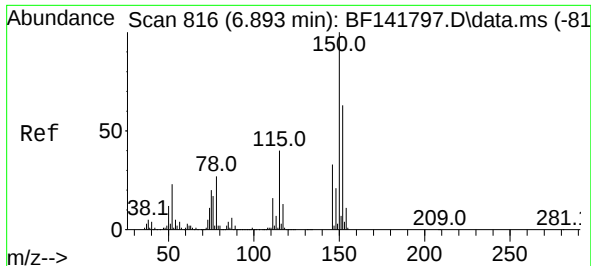
Quant Time: Mar 03 15:34:23 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	533229	42.351	ng	99
46) 1,1'-Biphenyl	9.345	154	2074425	39.988	ng	99
47) 2-Chloronaphthalene	9.369	162	1545705	40.370	ng	100
48) 2-Nitroaniline	9.463	65	422129	40.975	ng	98
49) Acenaphthylene	9.786	152	2292782	39.939	ng	100
50) Dimethylphthalate	9.645	163	1819644	39.868	ng	100
51) 2,6-Dinitrotoluene	9.704	165	352780	40.852	ng	98
52) Acenaphthene	9.957	154	1548970	39.989	ng	100
53) 3-Nitroaniline	9.875	138	375561	40.852	ng	99
54) 2,4-Dinitrophenol	9.975	184	131005	40.966	ng	# 34
55) Dibenzofuran	10.133	168	2228045	39.519	ng	99
56) 4-Nitrophenol	10.016	139	298813	44.328	ng	99
57) 2,4-Dinitrotoluene	10.104	165	441287	41.865	ng	98
58) Fluorene	10.475	166	1646123	38.979	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	454326	41.490	ng	99
60) Diethylphthalate	10.345	149	1832531	40.051	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	826460	39.059	ng	99
62) 4-Nitroaniline	10.486	138	369922	47.460	ng	98
63) Azobenzene	10.627	77	1918377	39.820	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	195072	38.906	ng	95
66) n-Nitrosodiphenylamine	10.580	169	1453388	39.590	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	527482	40.393	ng	99
68) Hexachlorobenzene	11.022	284	556270	40.340	ng	98
69) Atrazine	11.104	200	378254	37.468	ng	99
70) Pentachlorophenol	11.210	266	357011	40.821	ng	99
71) Phenanthrene	11.433	178	2384850	39.879	ng	99
72) Anthracene	11.486	178	2350089	39.211	ng	100
73) Carbazole	11.639	167	2089718	39.483	ng	100
74) Di-n-butylphthalate	11.974	149	2672412	39.834	ng	100
75) Fluoranthene	12.621	202	2391153	39.022	ng	100
77) Benzidine	12.739	184	601200	71.996	ng	99
78) Pyrene	12.851	202	2404003	41.845	ng	100
80) Butylbenzylphthalate	13.468	149	893316	42.798	ng	99
81) Benzo(a)anthracene	14.039	228	1724858	39.361	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	508249	40.425	ng	99
83) Chrysene	14.074	228	1568254	38.822	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	1160504	44.652	ng	100
85) Di-n-octyl phthalate	14.645	149	1593758	40.960	ng	99
87) Indeno(1,2,3-cd)pyrene	17.009	276	1451423	41.438	ng	100
88) Benzo(b)fluoranthene	15.086	252	1571815	41.949	ng	99
89) Benzo(k)fluoranthene	15.115	252	1178221	36.996	ng	100
90) Benzo(a)pyrene	15.457	252	1197380	39.847	ng	100
91) Dibenzo(a,h)anthracene	17.027	278	1204833	42.140	ng	100
92) Benzo(g,h,i)perylene	17.462	276	1224009	41.789	ng	99

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

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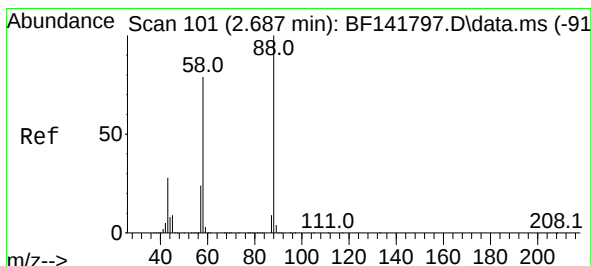
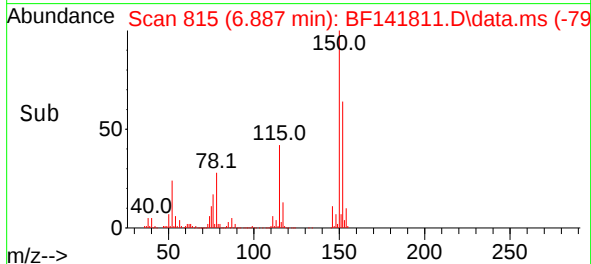
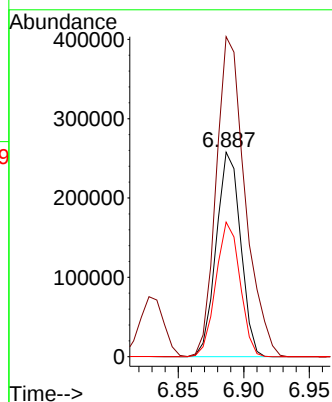
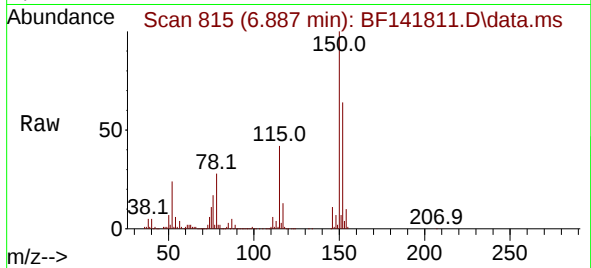




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF141811.D
Acq: 03 Mar 2025 14:16

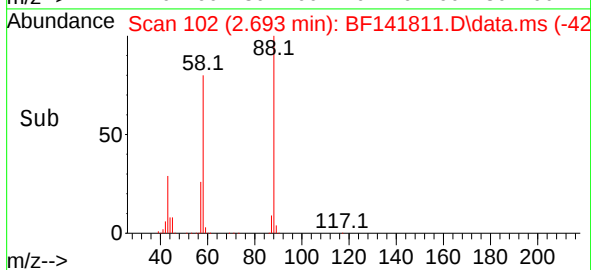
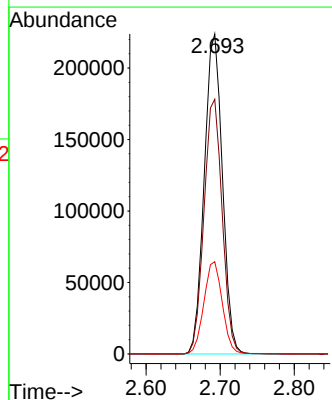
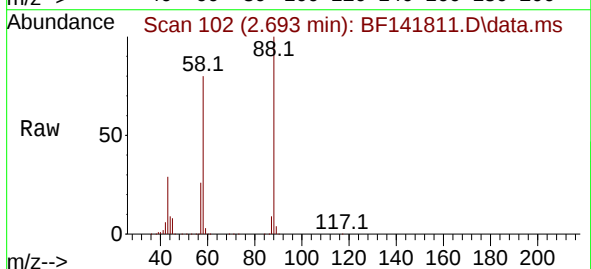
Instrument :
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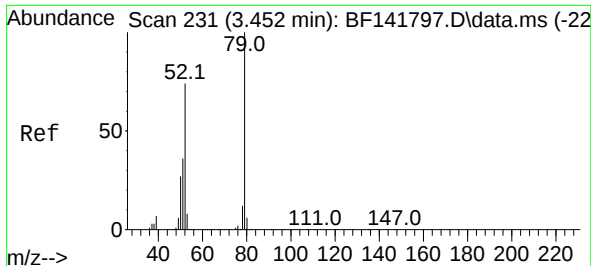
Tgt Ion:152 Resp: 333117
Ion Ratio Lower Upper
152 100
150 156.4 127.5 191.3
115 65.8 51.4 77.2



#2
1,4-Dioxane
Concen: 40.191 ng
RT: 2.693 min Scan# 102
Delta R.T. 0.006 min
Lab File: BF141811.D
Acq: 03 Mar 2025 14:16

Tgt Ion: 88 Resp: 380401
Ion Ratio Lower Upper
88 100
58 79.8 63.9 95.9
43 29.1 23.0 34.6





#3

Pyridine

Concen: 39.758 ng

RT: 3.451 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF141811.D

Acq: 03 Mar 2025 14:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

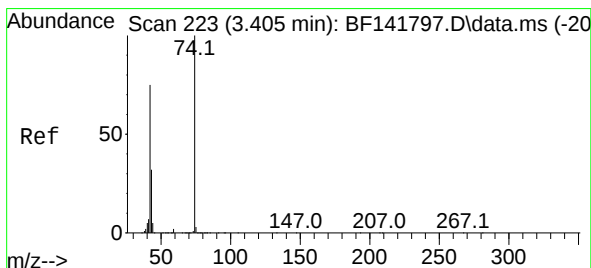
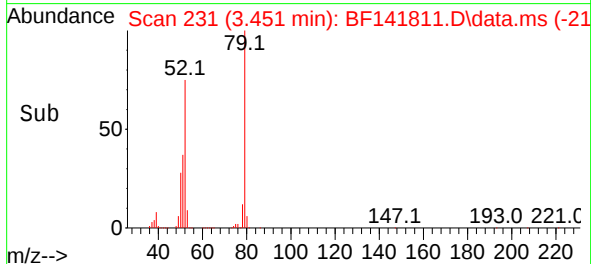
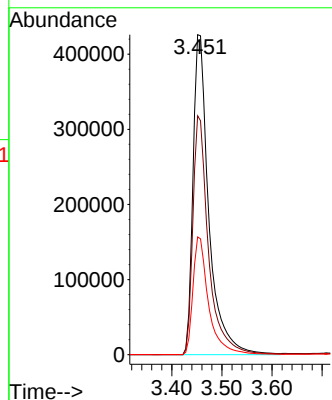
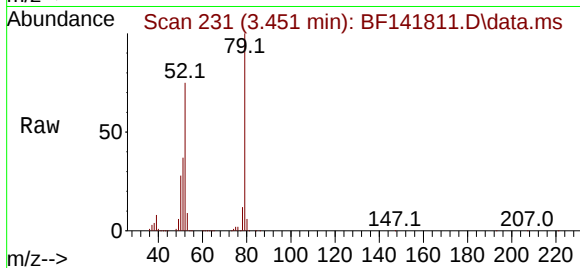
Tgt Ion: 79 Resp: 936261

Ion Ratio Lower Upper

79 100

52 74.7 59.0 88.4

51 36.8 29.0 43.4



#4

n-Nitrosodimethylamine

Concen: 40.791 ng

RT: 3.410 min Scan# 224

Delta R.T. 0.006 min

Lab File: BF141811.D

Acq: 03 Mar 2025 14:16

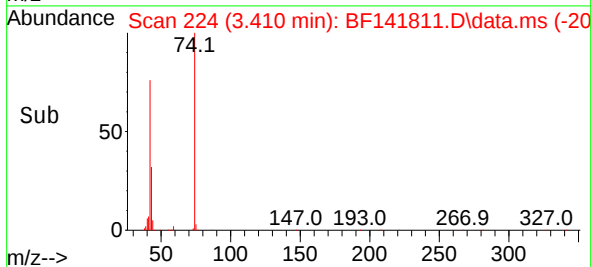
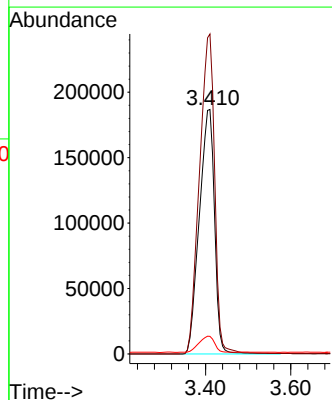
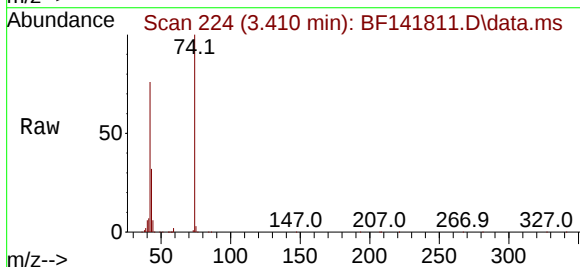
Tgt Ion: 42 Resp: 462198

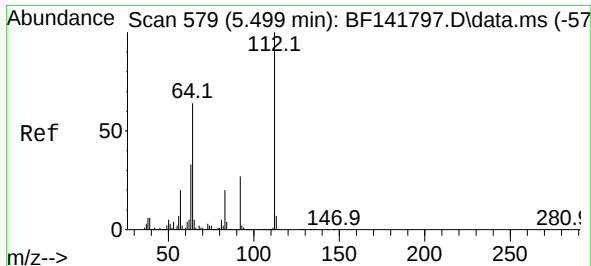
Ion Ratio Lower Upper

42 100

74 130.9 107.1 160.7

44 7.2 6.6 9.8

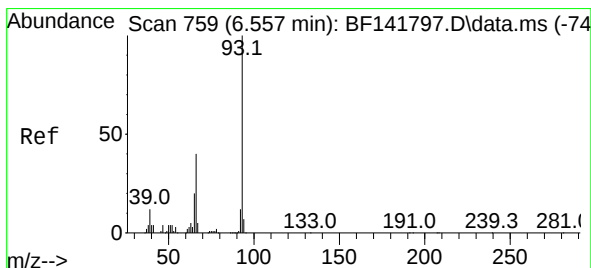
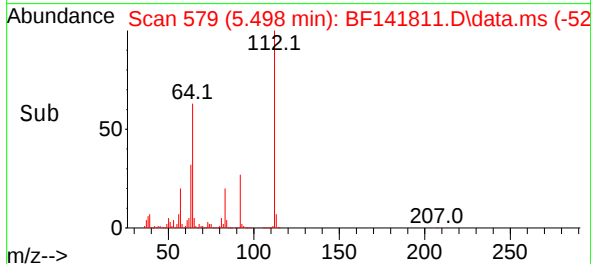
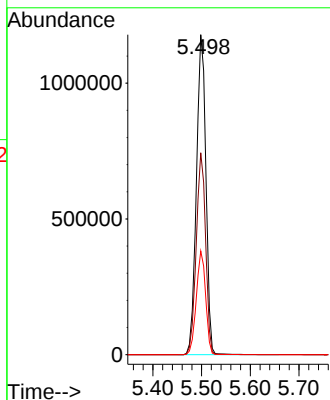
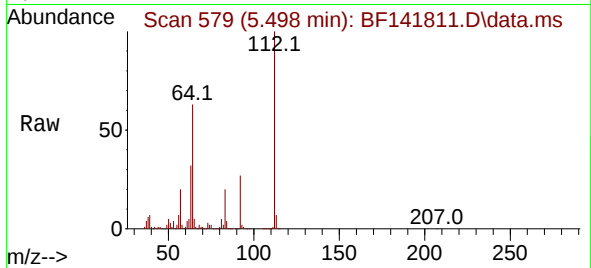




#5
2-Fluorophenol
Concen: 77.020 ng
RT: 5.498 min Scan# 511
Delta R.T. -0.000 min
Lab File: BF141811.D
Acq: 03 Mar 2025 14:16

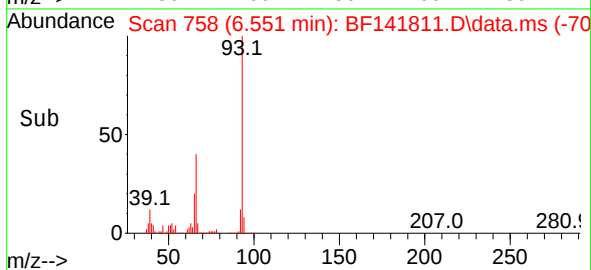
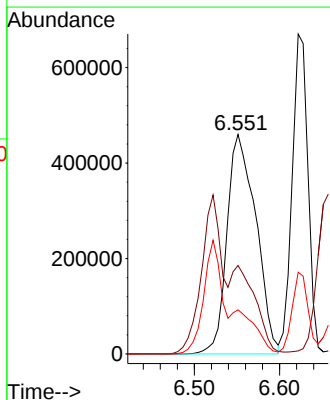
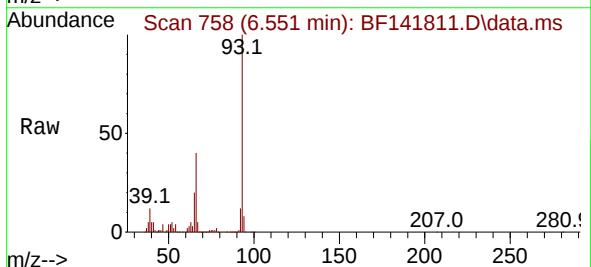
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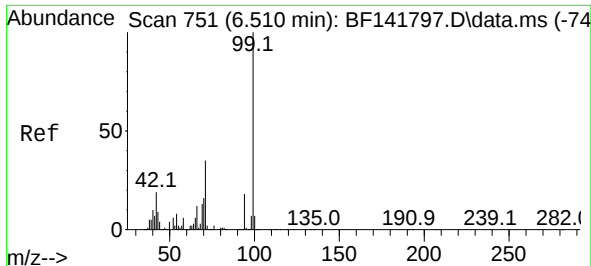
Tgt Ion:112 Resp: 1606575
Ion Ratio Lower Upper
112 100
64 63.1 51.3 76.9
63 32.4 26.2 39.4



#6
Aniline
Concen: 38.537 ng
RT: 6.551 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF141811.D
Acq: 03 Mar 2025 14:16

Tgt Ion: 93 Resp: 1087753
Ion Ratio Lower Upper
93 100
66 40.3 32.3 48.5
65 20.1 15.9 23.9

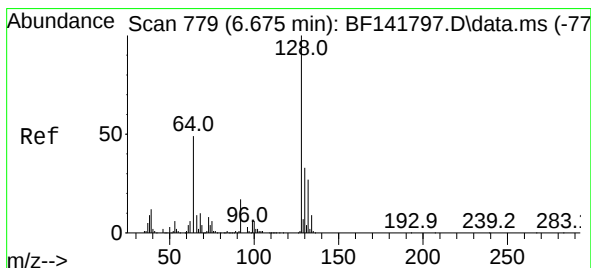
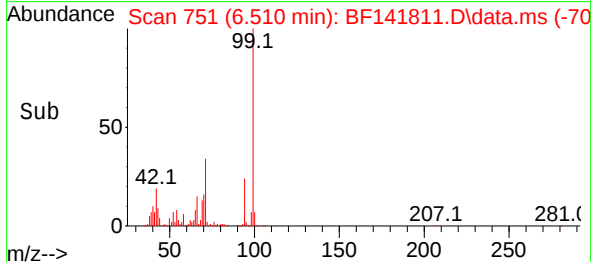
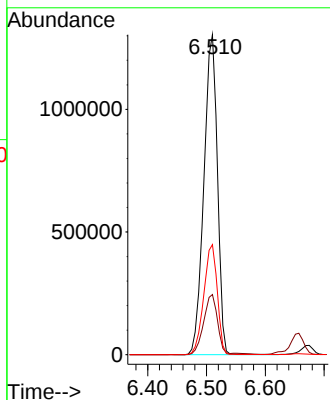
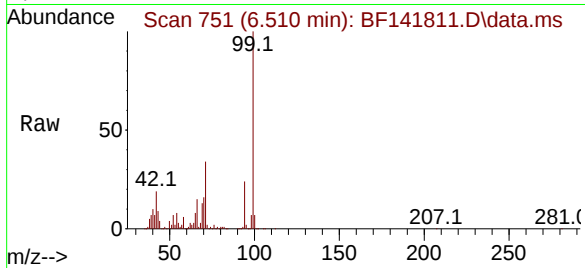




#7
Phenol-d6
Concen: 76.623 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF141811.D
Acq: 03 Mar 2025 14:16

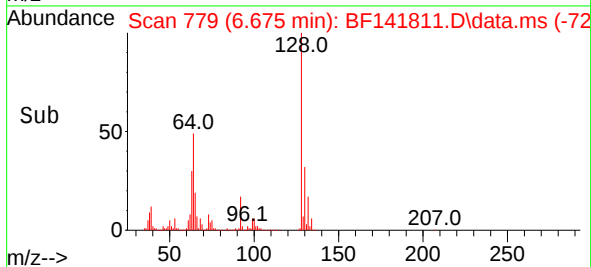
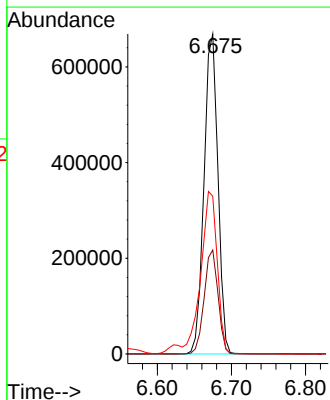
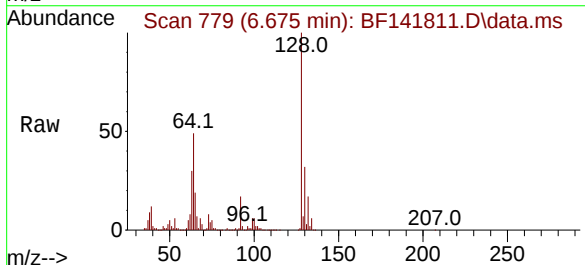
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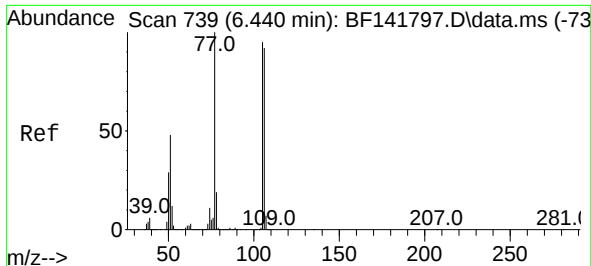
Tgt Ion: 99 Resp: 2080320
Ion Ratio Lower Upper
99 100
42 18.8 15.2 22.8
71 34.4 28.2 42.2



#8
2-Chlorophenol
Concen: 38.638 ng
RT: 6.675 min Scan# 779
Delta R.T. -0.000 min
Lab File: BF141811.D
Acq: 03 Mar 2025 14:16

Tgt Ion:128 Resp: 871855
Ion Ratio Lower Upper
128 100
130 32.5 12.6 52.6
64 49.3 31.1 71.1

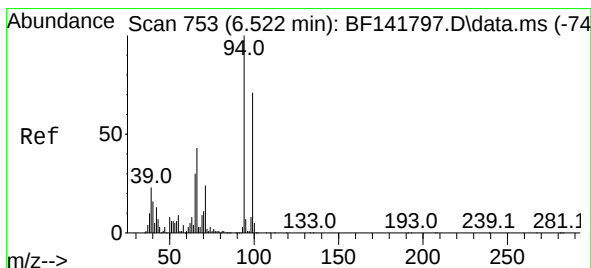
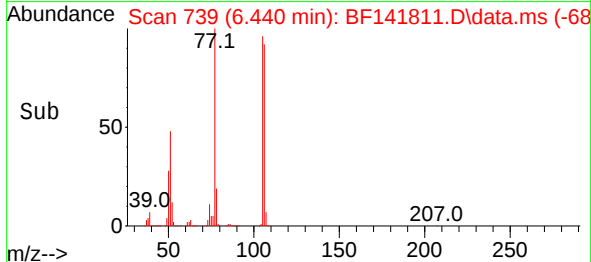
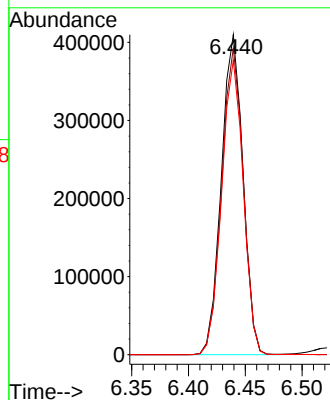
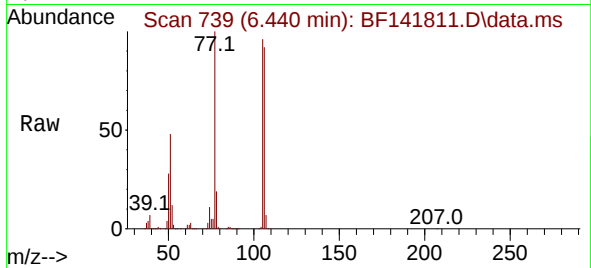




#9
Benzaldehyde
Concen: 34.415 ng
RT: 6.440 min Scan# 739
Delta R.T. -0.000 min
Lab File: BF141811.D
Acq: 03 Mar 2025 14:16

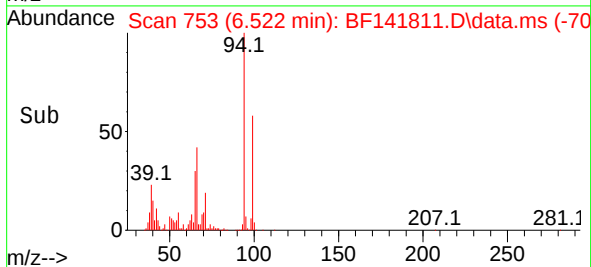
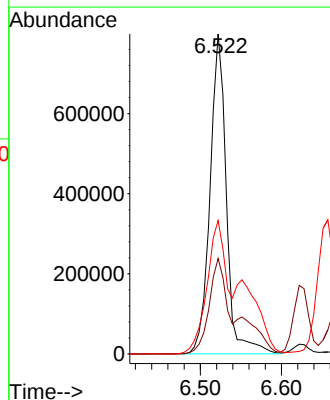
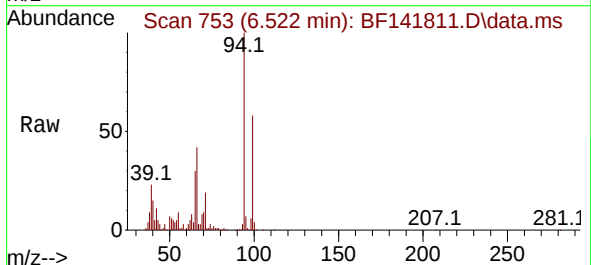
Instrument :
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ClientSampleId :
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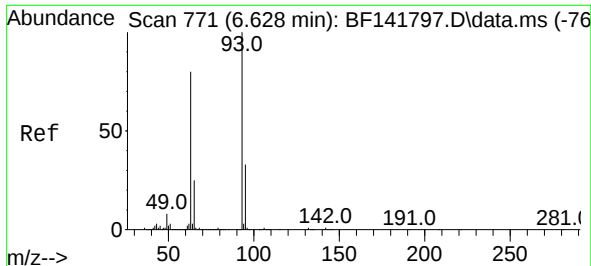
Tgt Ion: 77 Resp: 543505
Ion Ratio Lower Upper
77 100
105 95.8 75.3 115.3
106 92.0 72.3 112.3



#10
Phenol
Concen: 38.467 ng
RT: 6.522 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF141811.D
Acq: 03 Mar 2025 14:16

Tgt Ion: 94 Resp: 1115999
Ion Ratio Lower Upper
94 100
65 29.9 10.2 50.2
66 41.7 23.2 63.2





#11

bis(2-Chloroethyl)ether

Concen: 39.010 ng

RT: 6.622 min Scan# 771

Delta R.T. -0.006 min

Lab File: BF141811.D

Acq: 03 Mar 2025 14:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

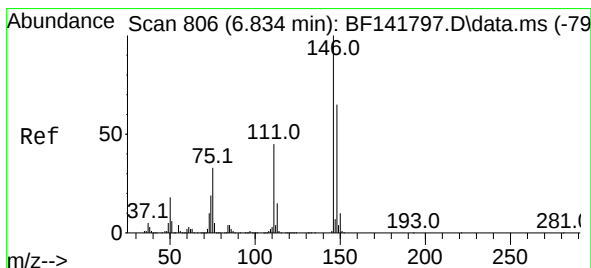
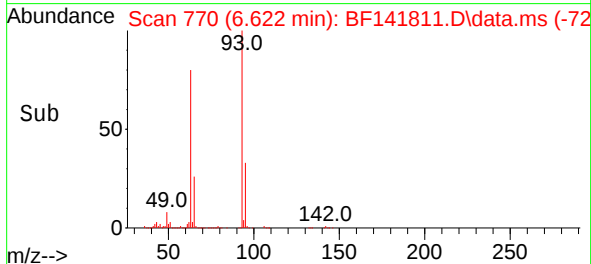
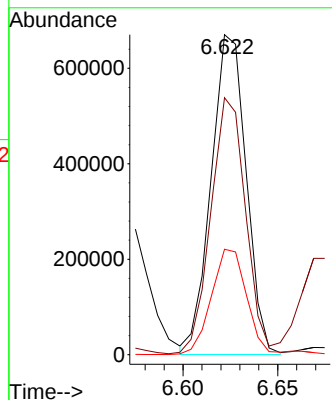
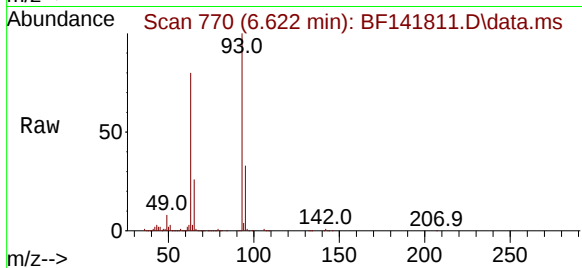
Tgt Ion: 93 Resp: 862702

Ion Ratio Lower Upper

93 100

63 80.3 59.3 99.3

95 32.9 13.2 53.2



#12

1,3-Dichlorobenzene

Concen: 39.209 ng

RT: 6.828 min Scan# 805

Delta R.T. -0.006 min

Lab File: BF141811.D

Acq: 03 Mar 2025 14:16

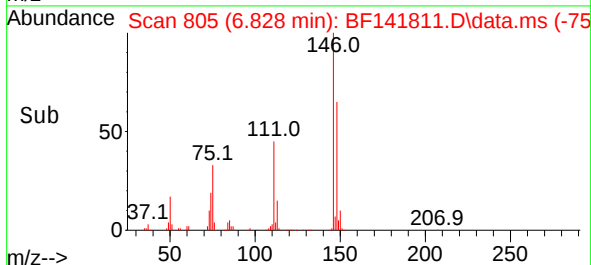
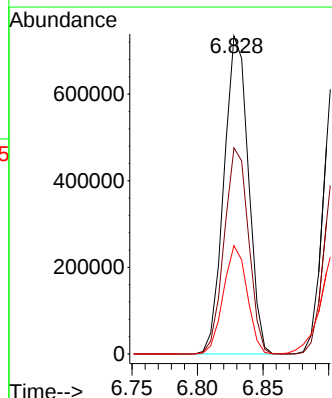
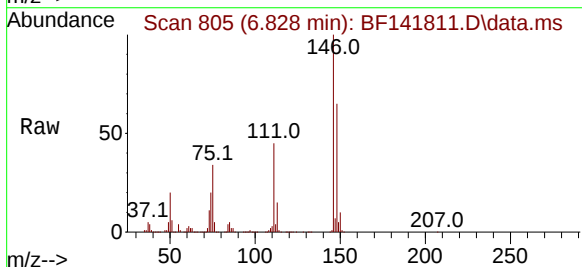
Tgt Ion:146 Resp: 947471

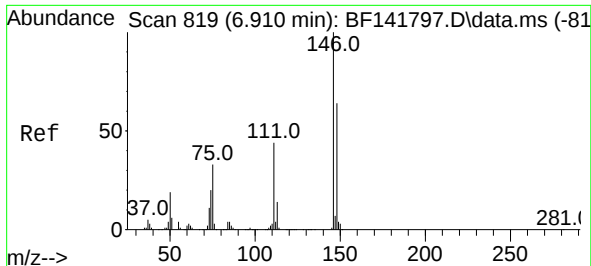
Ion Ratio Lower Upper

146 100

148 64.8 51.8 77.6

75 34.1 26.2 39.4

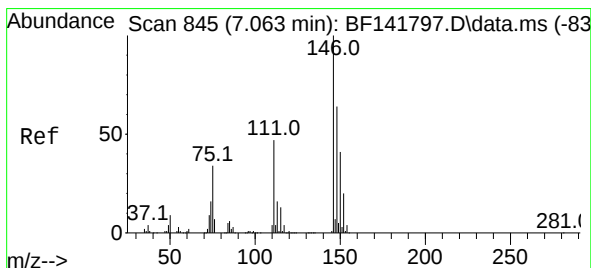
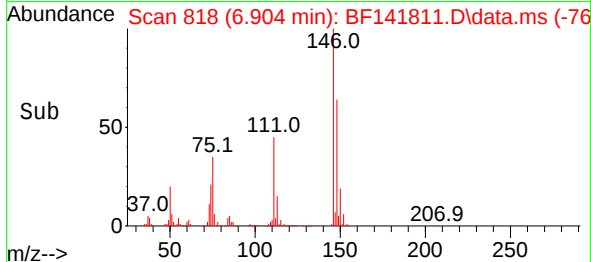
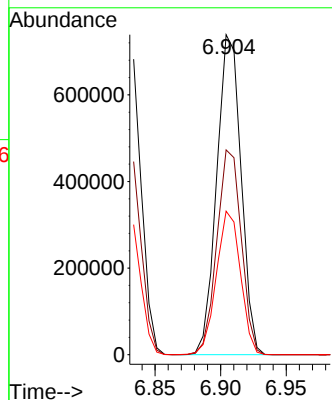
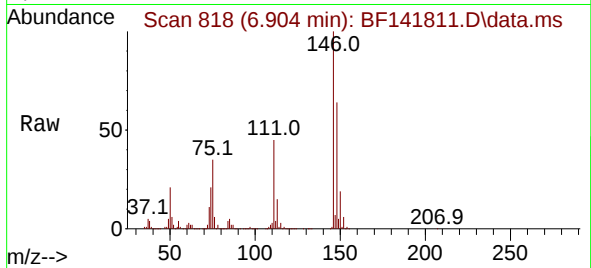




#13
1,4-Dichlorobenzene
Concen: 39.124 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF141811.D
Acq: 03 Mar 2025 14:16

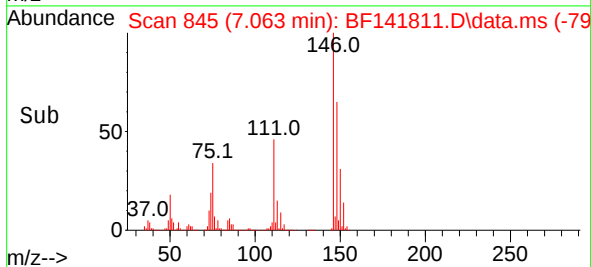
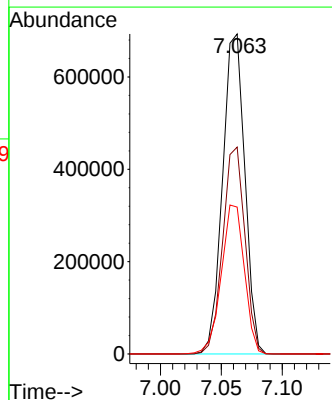
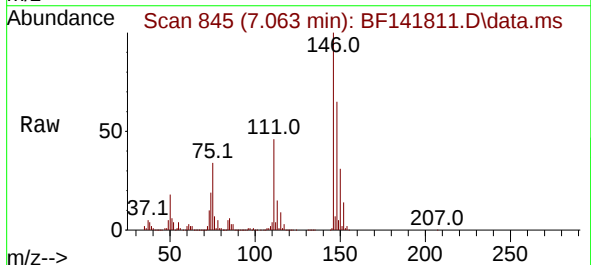
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

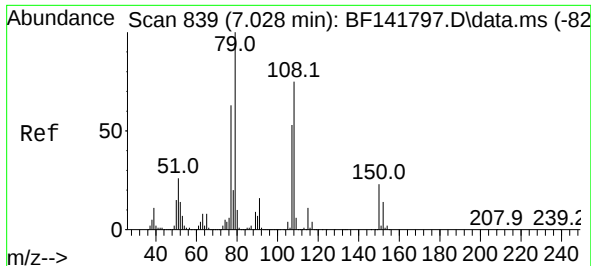
Tgt Ion:146 Resp: 952610
Ion Ratio Lower Upper
146 100
148 64.0 51.4 77.2
111 44.9 35.5 53.3



#14
1,2-Dichlorobenzene
Concen: 38.805 ng
RT: 7.063 min Scan# 845
Delta R.T. -0.000 min
Lab File: BF141811.D
Acq: 03 Mar 2025 14:16

Tgt Ion:146 Resp: 882292
Ion Ratio Lower Upper
146 100
148 64.7 51.2 76.8
111 45.9 37.8 56.6

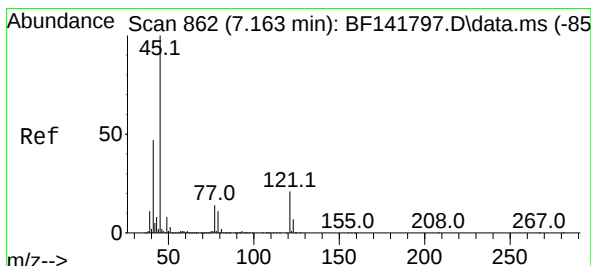
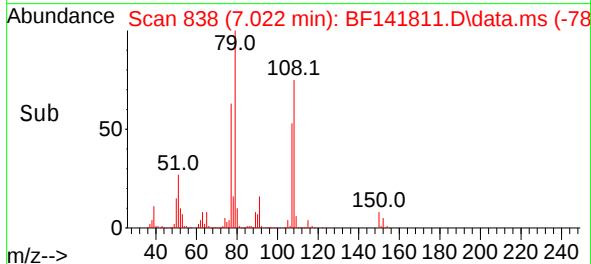
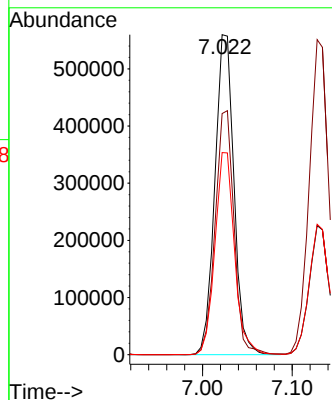
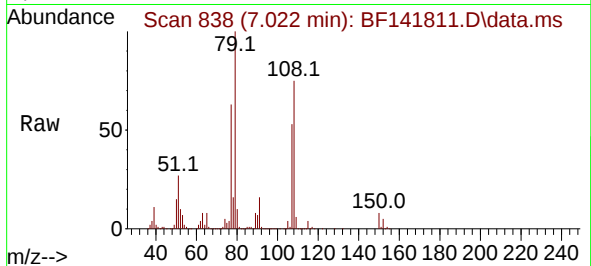




#15
Benzyl Alcohol
Concen: 38.099 ng
RT: 7.022 min Scan# 839
Delta R.T. -0.006 min
Lab File: BF141811.D
Acq: 03 Mar 2025 14:16

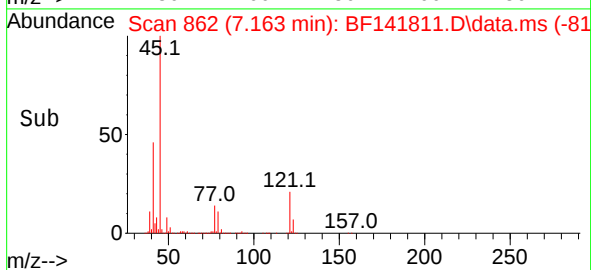
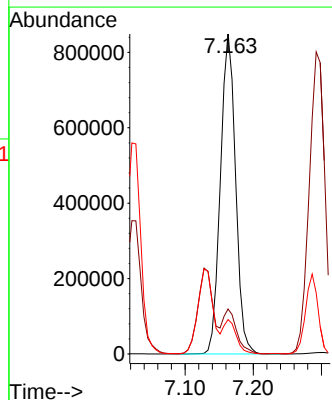
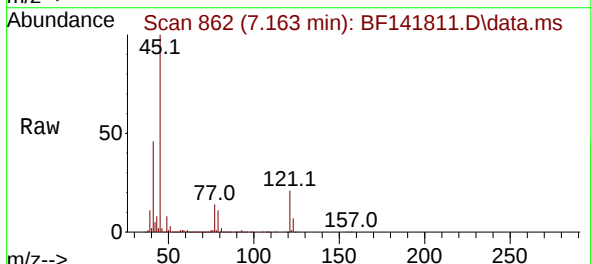
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

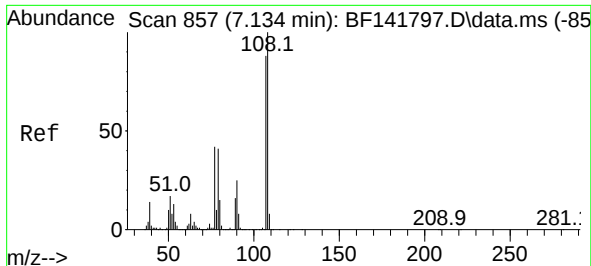
Tgt Ion: 79 Resp: 826687
Ion Ratio Lower Upper
79 100
108 75.3 60.2 90.2
77 63.1 50.2 75.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.111 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.000 min
Lab File: BF141811.D
Acq: 03 Mar 2025 14:16

Tgt Ion: 45 Resp: 1313544
Ion Ratio Lower Upper
45 100
77 14.0 0.0 34.4
79 10.7 0.0 30.9



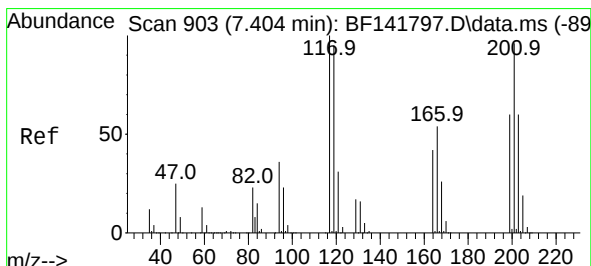
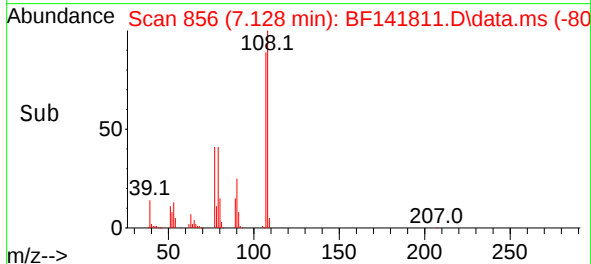
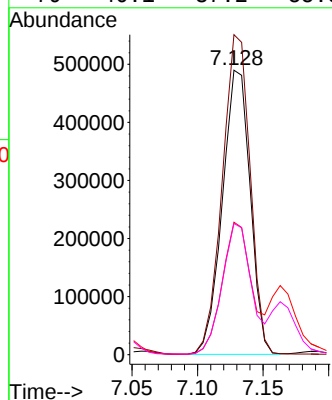
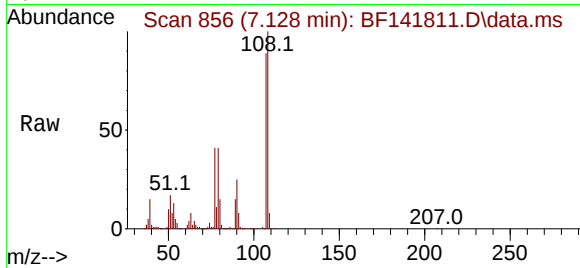


#17
2-Methylphenol
Concen: 38.767 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.006 min
Lab File: BF141811.D
Acq: 03 Mar 2025 14:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 722047

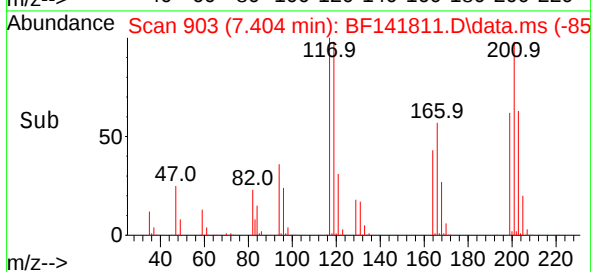
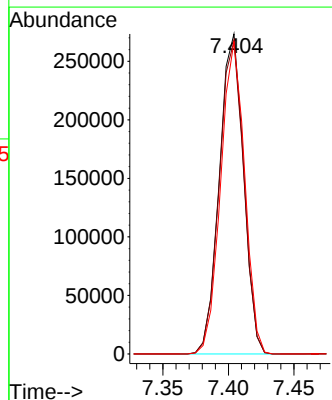
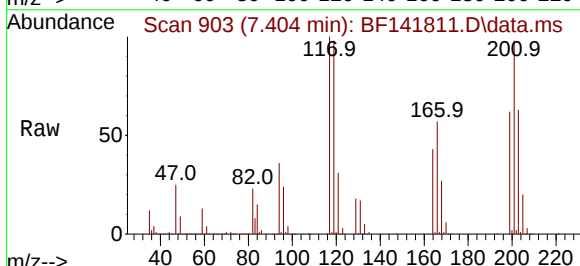
Ion	Ratio	Lower	Upper
107	100		
108	112.5	90.6	135.8
77	46.6	37.7	56.5
79	46.1	37.2	55.8

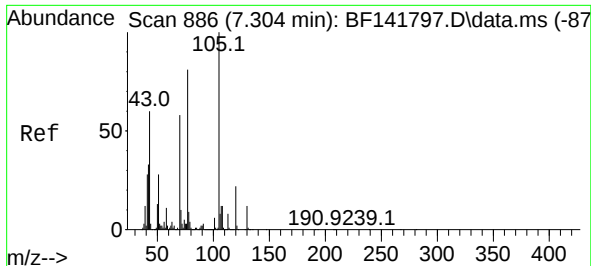


#18
Hexachloroethane
Concen: 38.521 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.000 min
Lab File: BF141811.D
Acq: 03 Mar 2025 14:16

Tgt Ion:117 Resp: 351046

Ion	Ratio	Lower	Upper
117	100		
119	97.8	75.8	113.8
201	97.6	76.7	115.1

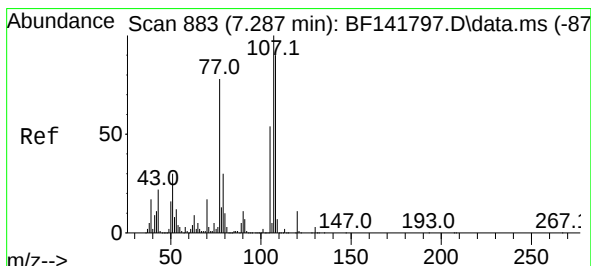
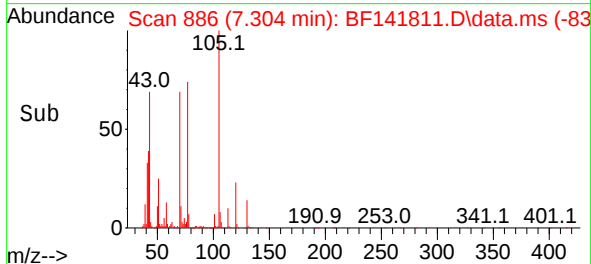
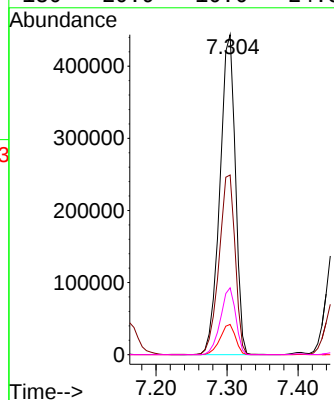
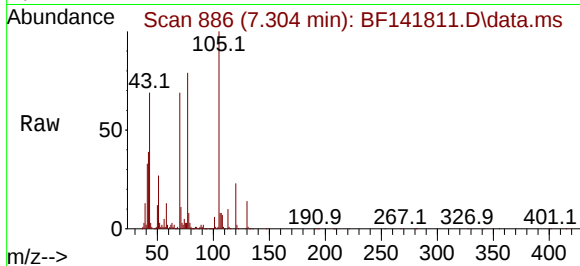




#19
n-Nitroso-di-n-propylamine
Concen: 37.397 ng
RT: 7.304 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF141811.D
Acq: 03 Mar 2025 14:16

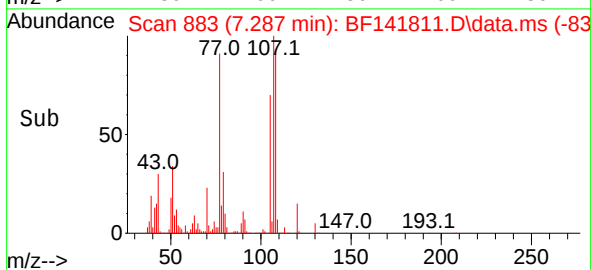
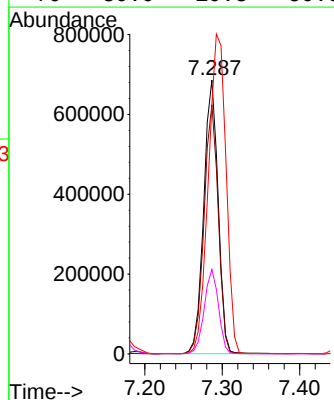
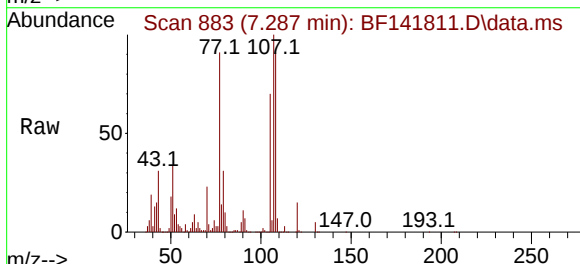
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

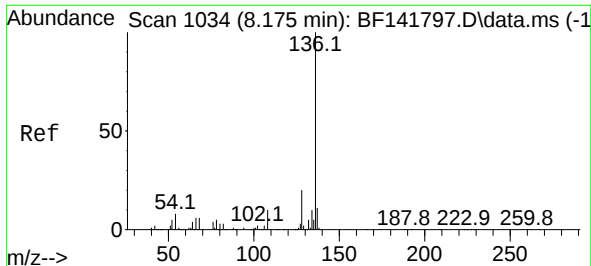
Tgt Ion: 70 Resp: 667446
Ion Ratio Lower Upper
70 100
42 56.1 45.4 68.0
101 9.4 7.8 11.8
130 20.9 16.6 24.8



#20
3+4-Methylphenols
Concen: 38.120 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF141811.D
Acq: 03 Mar 2025 14:16

Tgt Ion: 107 Resp: 884098
Ion Ratio Lower Upper
107 100
108 91.0 69.7 109.7
77 91.2 58.3 98.3
79 30.9 10.3 50.3

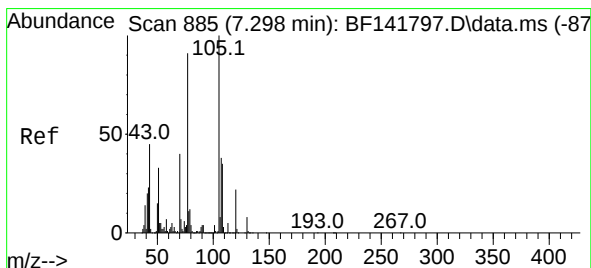
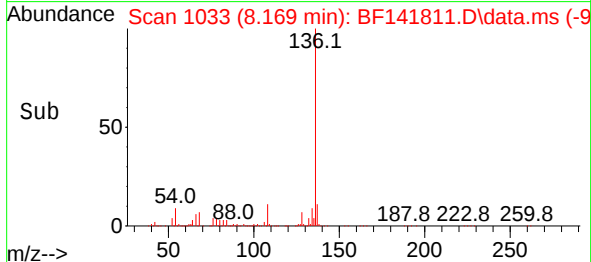
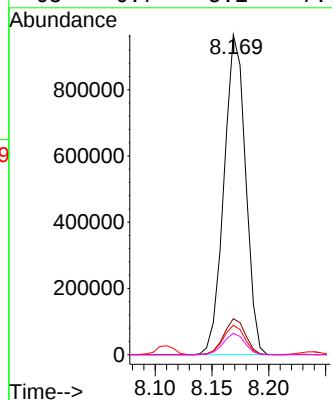
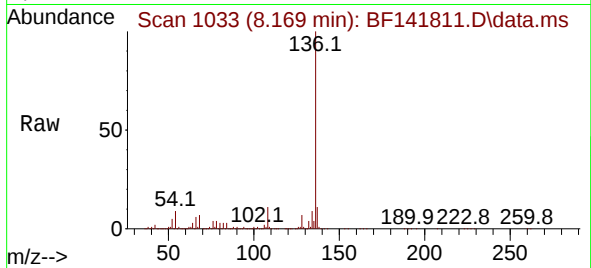




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141811.D
Acq: 03 Mar 2025 14:16

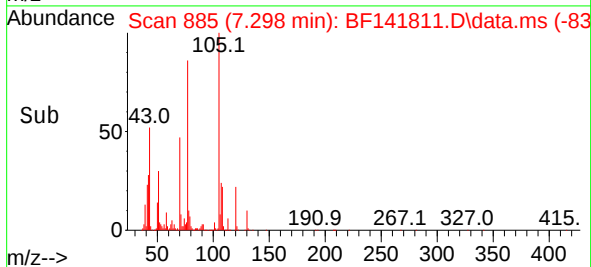
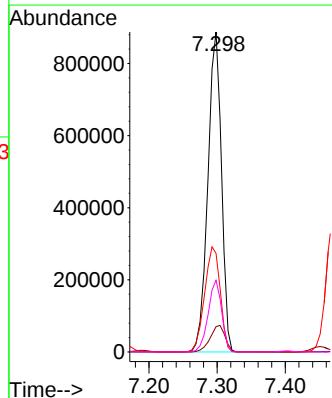
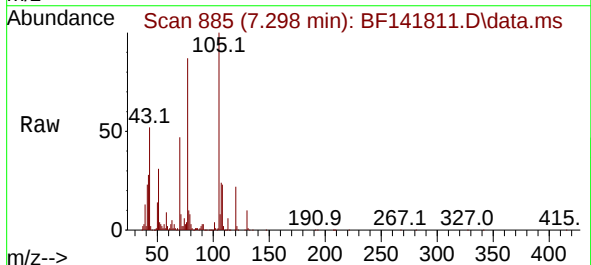
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

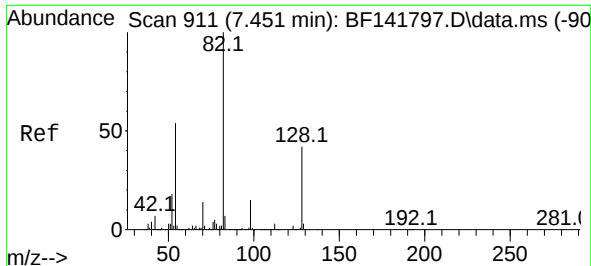
Tgt Ion:136 Resp: 1275842
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 9.2 6.9 10.3
68 6.7 5.1 7.7



#22
Acetophenone
Concen: 39.497 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.000 min
Lab File: BF141811.D
Acq: 03 Mar 2025 14:16

Tgt Ion:105 Resp: 1227307
Ion Ratio Lower Upper
105 100
71 7.9 5.4 8.0
51 30.8 26.1 39.1
120 22.4 17.5 26.3





#23

Nitrobenzene-d5

Concen: 87.275 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.000 min

Lab File: BF141811.D

Acq: 03 Mar 2025 14:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

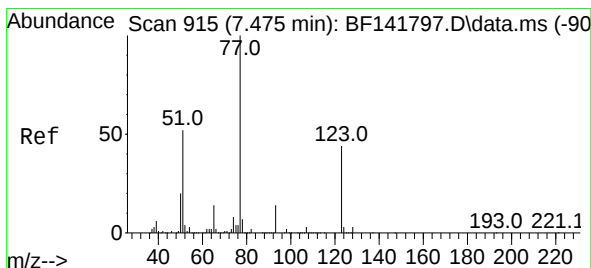
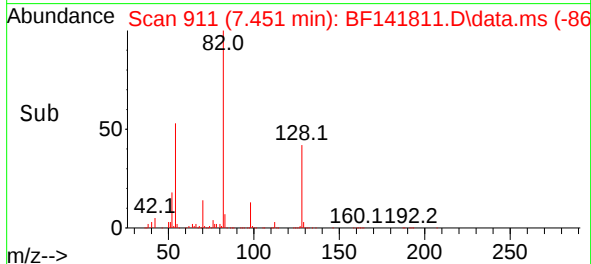
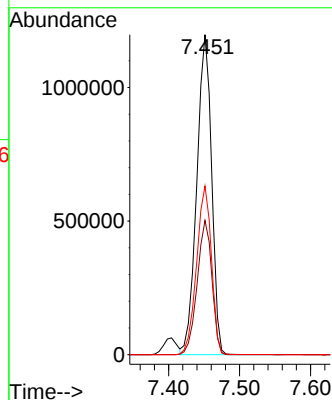
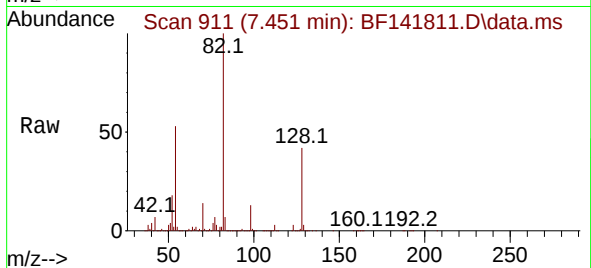
Tgt Ion: 82 Resp: 1742007

Ion Ratio Lower Upper

82 100

128 42.0 33.5 50.3

54 52.7 42.7 64.1



#24

Nitrobenzene

Concen: 42.553 ng

RT: 7.469 min Scan# 914

Delta R.T. -0.006 min

Lab File: BF141811.D

Acq: 03 Mar 2025 14:16

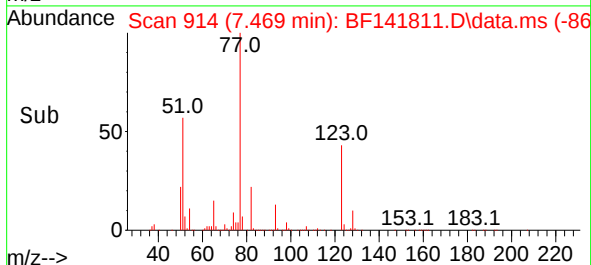
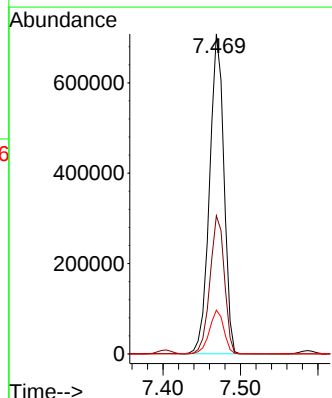
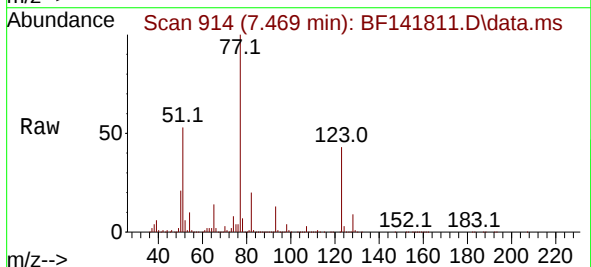
Tgt Ion: 77 Resp: 909529

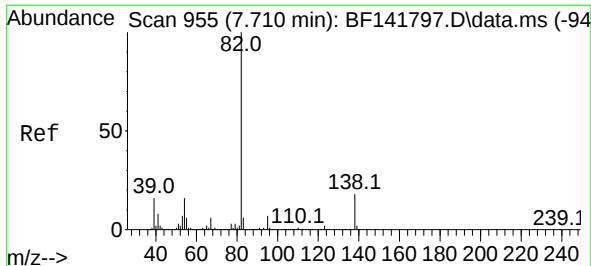
Ion Ratio Lower Upper

77 100

123 43.2 35.8 53.8

65 13.7 11.2 16.8

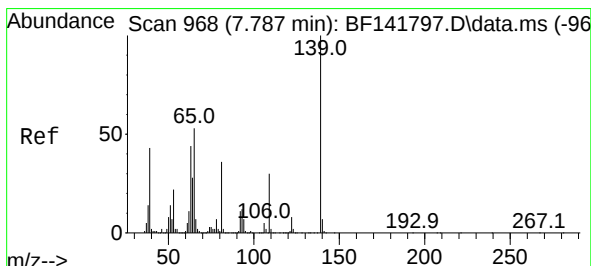
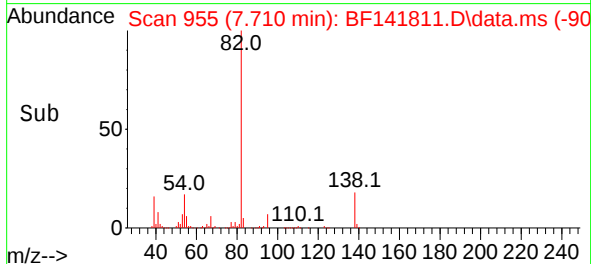
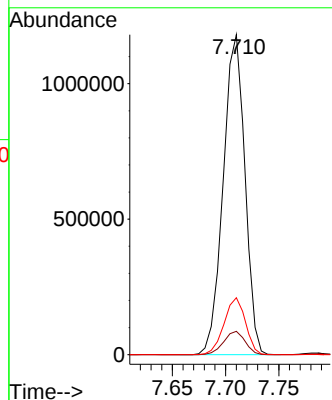
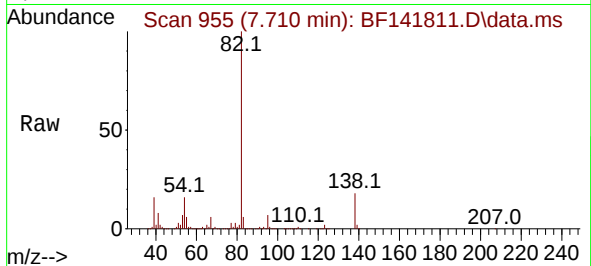




#25
Isophorone
Concen: 38.938 ng
RT: 7.710 min Scan# 955
Delta R.T. -0.000 min
Lab File: BF141811.D
Acq: 03 Mar 2025 14:16

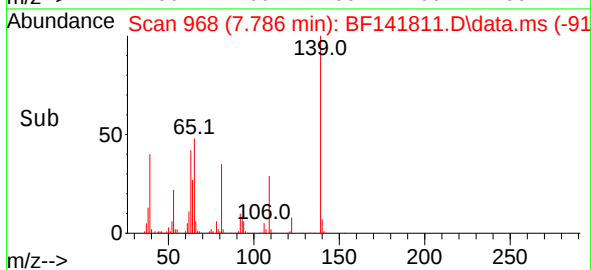
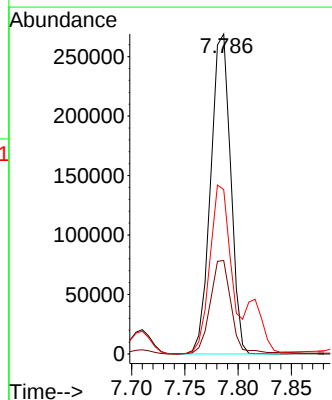
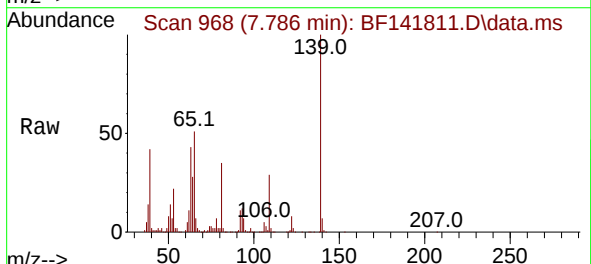
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

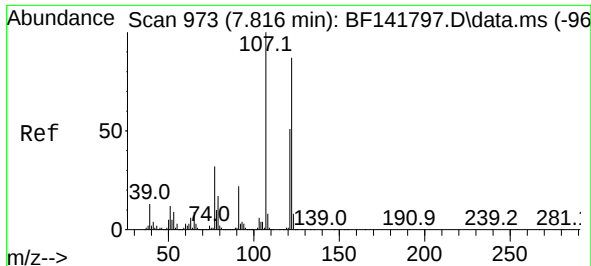
Tgt Ion: 82 Resp: 1669719
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.8
138 17.8 14.0 21.0



#26
2-Nitrophenol
Concen: 37.751 ng
RT: 7.786 min Scan# 968
Delta R.T. -0.001 min
Lab File: BF141811.D
Acq: 03 Mar 2025 14:16

Tgt Ion:139 Resp: 350206
Ion Ratio Lower Upper
139 100
109 29.2 24.1 36.1
65 51.3 42.3 63.5

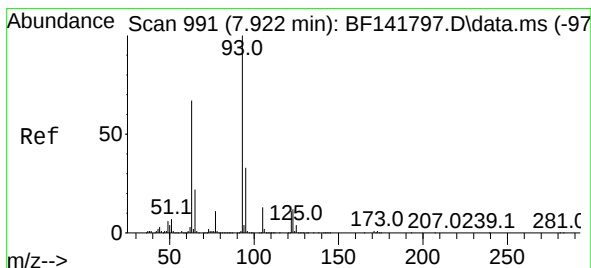
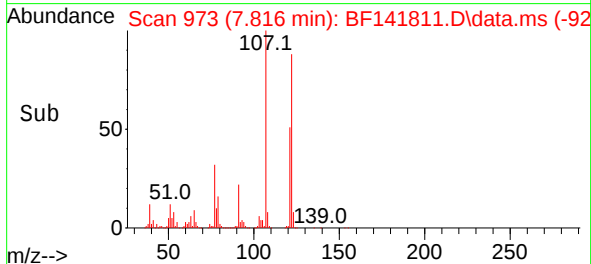
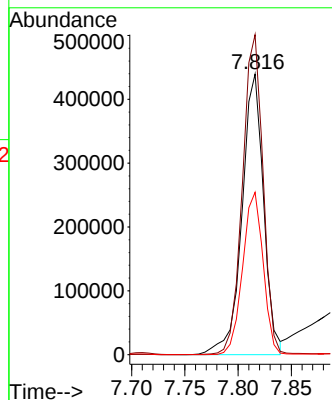
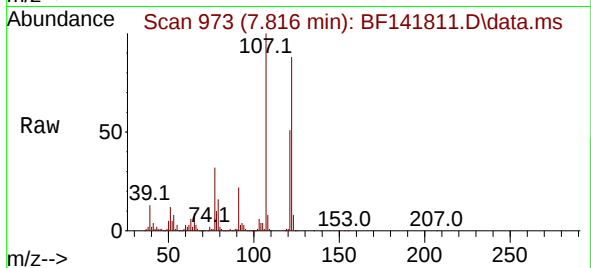




#27
2,4-Dimethylphenol
Concen: 39.462 ng
RT: 7.816 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF141811.D
Acq: 03 Mar 2025 14:16

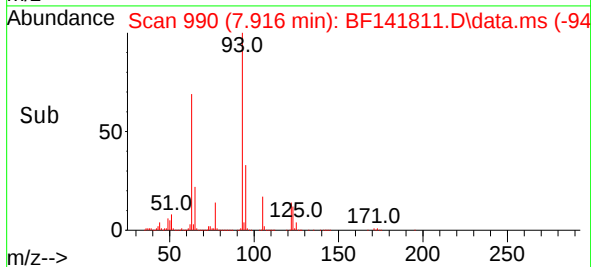
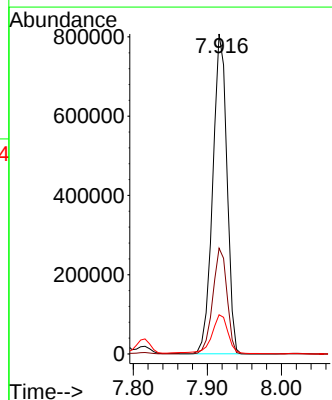
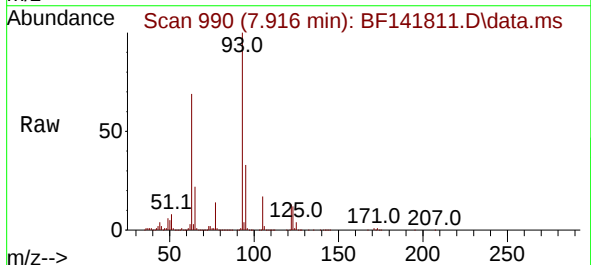
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

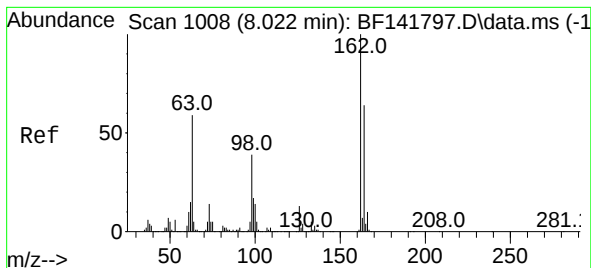
Tgt Ion:122 Resp: 622034
Ion Ratio Lower Upper
122 100
107 114.1 92.5 138.7
121 57.9 47.1 70.7



#28
bis(2-Chloroethoxy)methane
Concen: 39.225 ng
RT: 7.916 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF141811.D
Acq: 03 Mar 2025 14:16

Tgt Ion: 93 Resp: 1072963
Ion Ratio Lower Upper
93 100
95 33.0 26.5 39.7
123 12.3 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 40.098 ng

RT: 8.022 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF141811.D

Acq: 03 Mar 2025 14:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

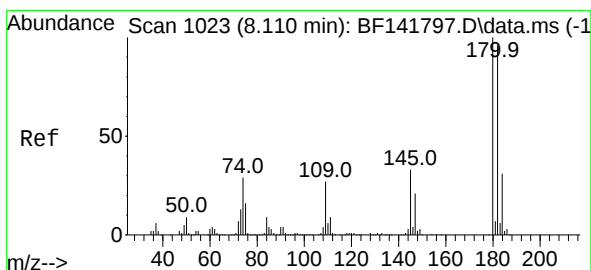
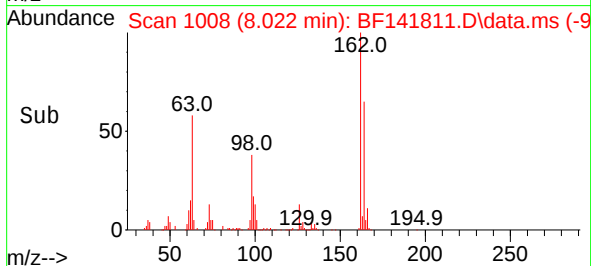
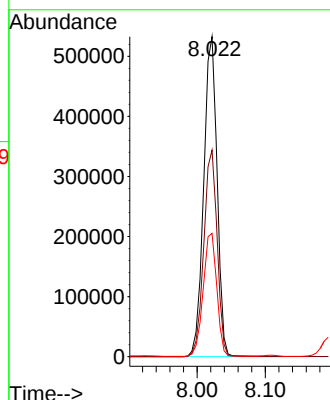
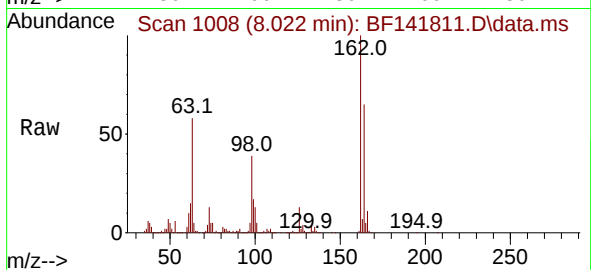
Tgt Ion:162 Resp: 729173

Ion Ratio Lower Upper

162 100

164 64.5 44.3 84.3

98 38.5 19.6 59.6



#30

1,2,4-Trichlorobenzene

Concen: 39.964 ng

RT: 8.110 min Scan# 1023

Delta R.T. -0.000 min

Lab File: BF141811.D

Acq: 03 Mar 2025 14:16

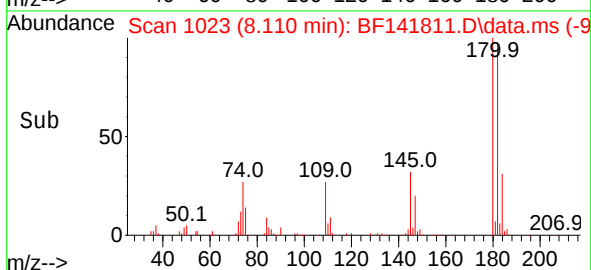
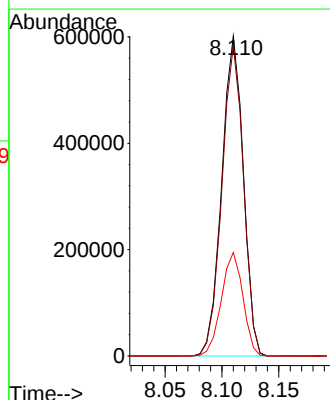
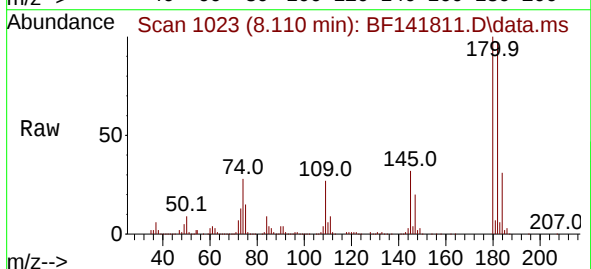
Tgt Ion:180 Resp: 796334

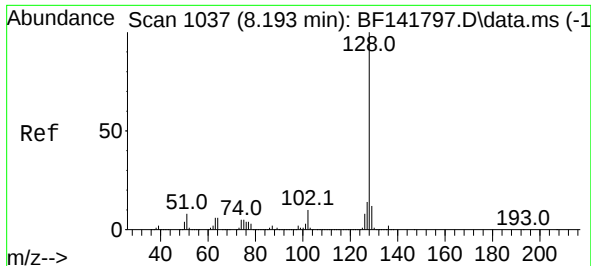
Ion Ratio Lower Upper

180 100

182 97.0 76.8 115.2

145 32.4 26.4 39.6

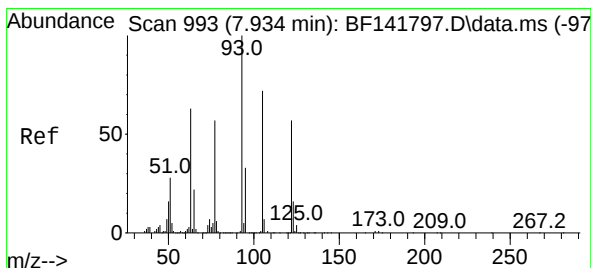
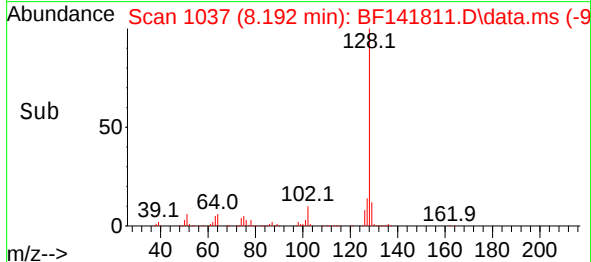
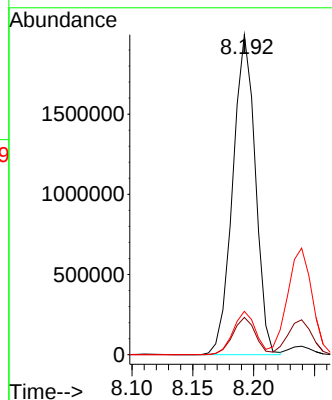
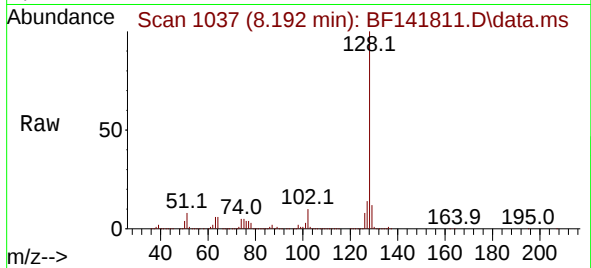




#31
Naphthalene
Concen: 39.303 ng
RT: 8.192 min Scan# 1037
Delta R.T. -0.000 min
Lab File: BF141811.D
Acq: 03 Mar 2025 14:16

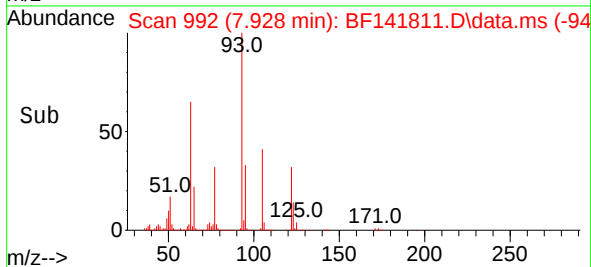
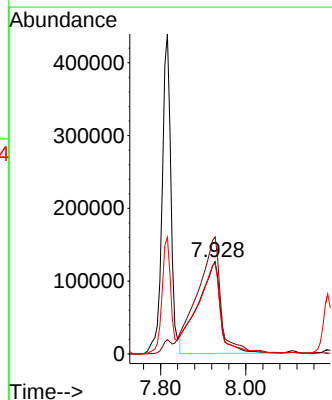
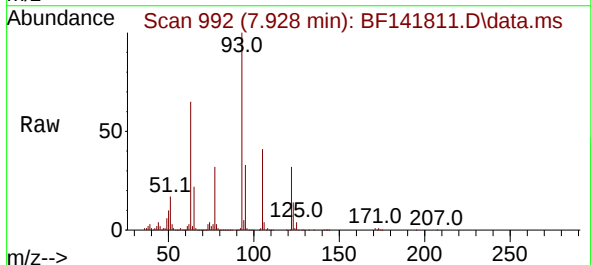
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

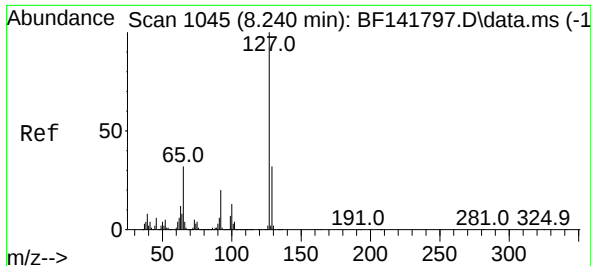
Tgt Ion:128 Resp: 2577208
Ion Ratio Lower Upper
128 100
129 11.7 9.2 13.8
127 13.5 11.0 16.4



#32
Benzoic acid
Concen: 37.721 ng
RT: 7.928 min Scan# 992
Delta R.T. -0.006 min
Lab File: BF141811.D
Acq: 03 Mar 2025 14:16

Tgt Ion:122 Resp: 470459
Ion Ratio Lower Upper
122 100
105 127.0 105.8 145.8
77 98.2 79.9 119.9





#33

4-Chloroaniline

Concen: 39.072 ng

RT: 8.239 min Scan# 1045

Delta R.T. -0.000 min

Lab File: BF141811.D

Acq: 03 Mar 2025 14:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 939425

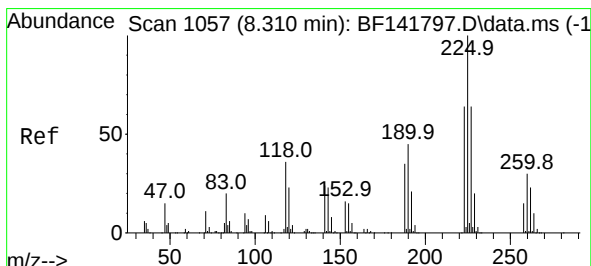
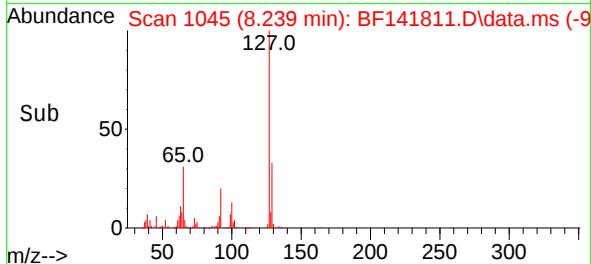
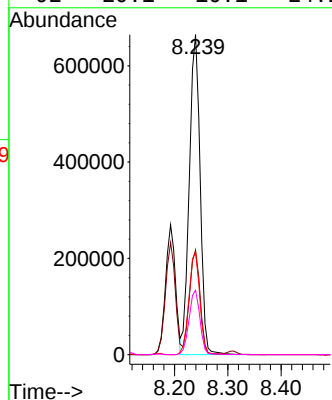
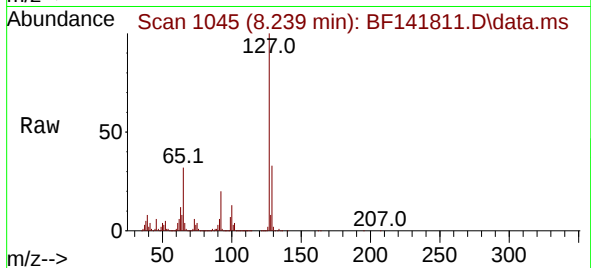
Ion Ratio Lower Upper

127 100

129 32.8 26.1 39.1

65 32.0 25.7 38.5

92 20.1 16.1 24.1



#34

Hexachlorobutadiene

Concen: 40.073 ng

RT: 8.310 min Scan# 1057

Delta R.T. -0.000 min

Lab File: BF141811.D

Acq: 03 Mar 2025 14:16

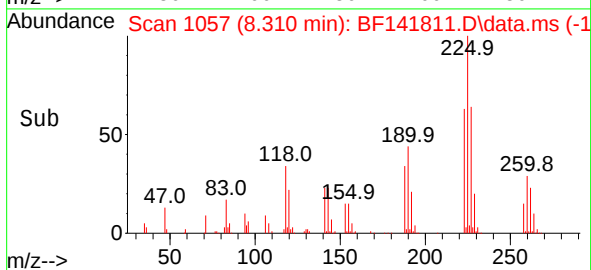
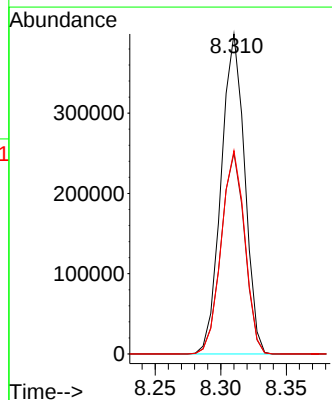
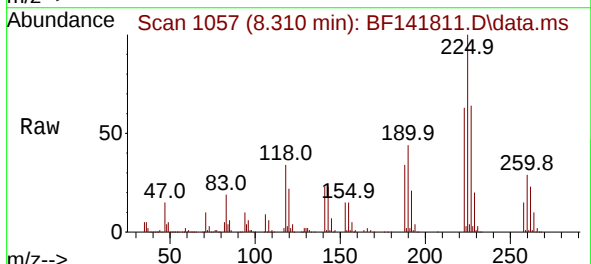
Tgt Ion:225 Resp: 496196

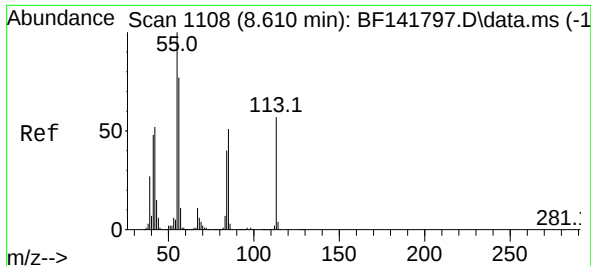
Ion Ratio Lower Upper

225 100

223 62.8 51.4 77.2

227 63.5 51.6 77.4





#35

Caprolactam

Concen: 40.141 ng

RT: 8.610 min Scan# 1108

Delta R.T. -0.000 min

Lab File: BF141811.D

Acq: 03 Mar 2025 14:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

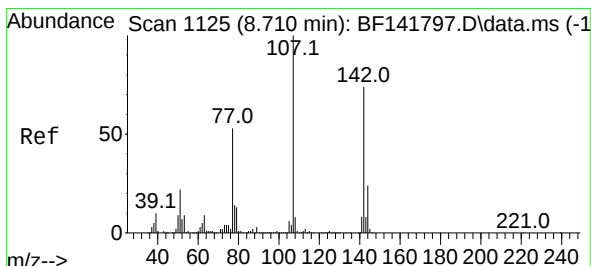
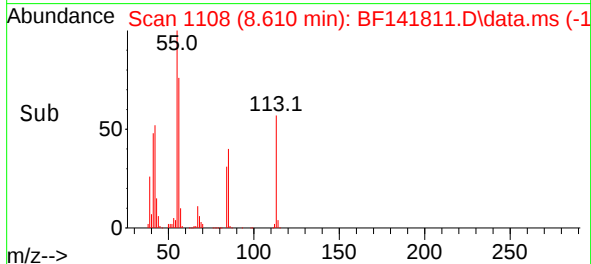
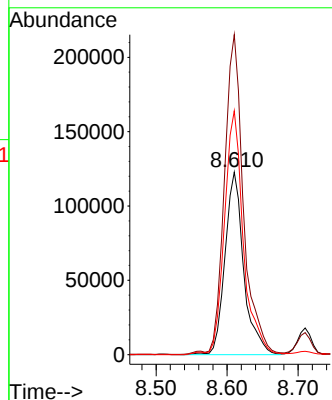
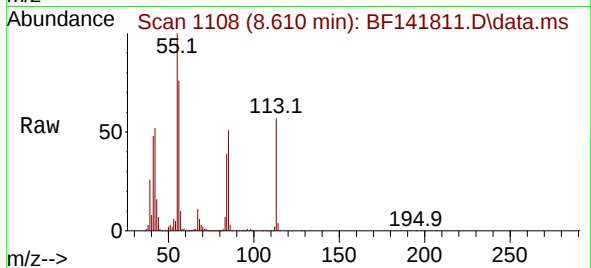
Tgt Ion:113 Resp: 224556

Ion Ratio Lower Upper

113 100

55 175.4 155.6 195.6

56 133.6 114.6 154.6



#36

4-Chloro-3-methylphenol

Concen: 39.231 ng

RT: 8.710 min Scan# 1125

Delta R.T. -0.000 min

Lab File: BF141811.D

Acq: 03 Mar 2025 14:16

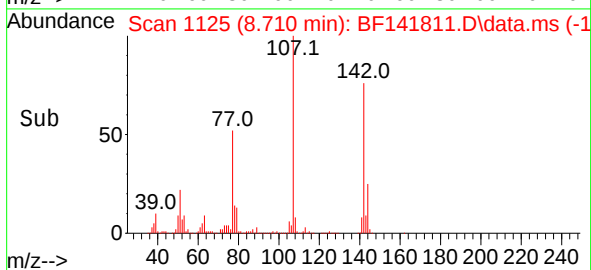
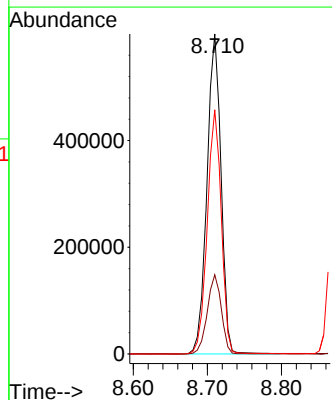
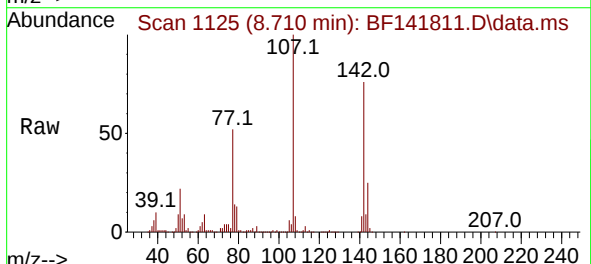
Tgt Ion:107 Resp: 792497

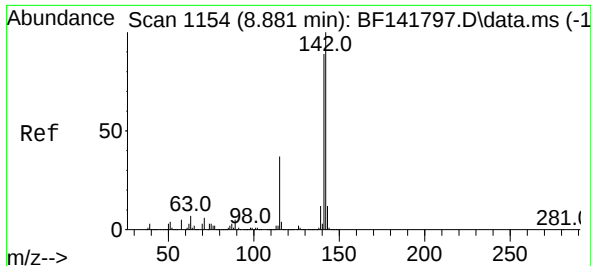
Ion Ratio Lower Upper

107 100

144 24.7 19.4 29.0

142 76.3 59.4 89.0





#37

2-Methylnaphthalene

Concen: 38.993 ng

RT: 8.881 min Scan# 1154

Delta R.T. -0.000 min

Lab File: BF141811.D

Acq: 03 Mar 2025 14:16

Instrument :

BNA_F

ClientSampleId :

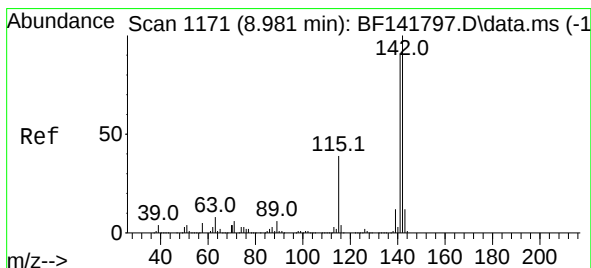
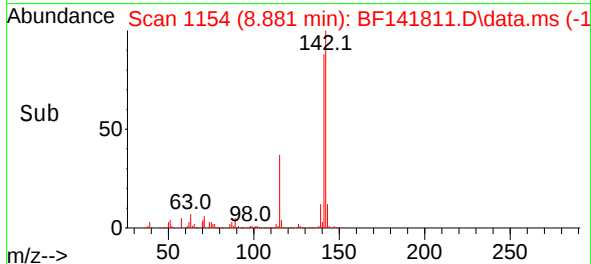
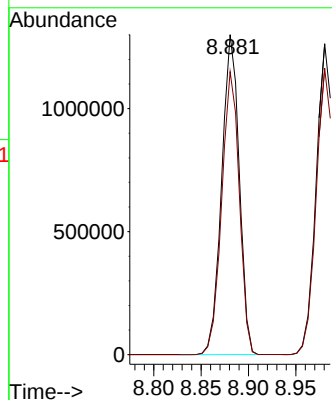
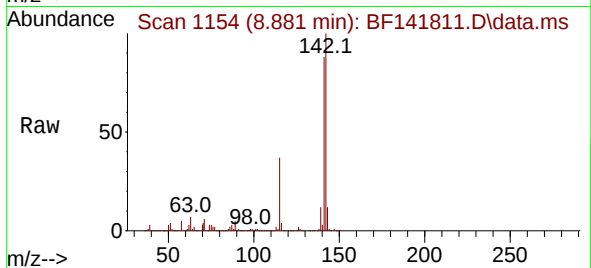
SSTDCCC040

Tgt Ion:142 Resp: 1677110

Ion Ratio Lower Upper

142 100

141 88.5 71.1 106.7



#38

1-Methylnaphthalene

Concen: 39.234 ng

RT: 8.981 min Scan# 1171

Delta R.T. -0.000 min

Lab File: BF141811.D

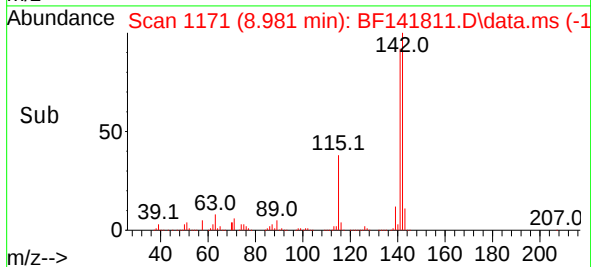
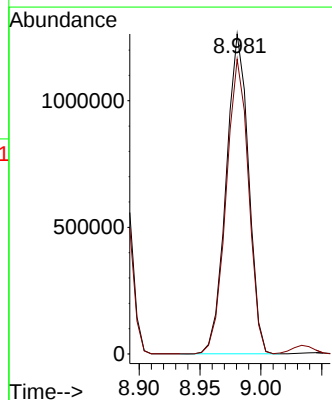
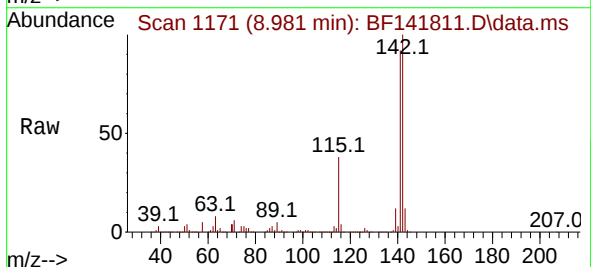
Acq: 03 Mar 2025 14:16

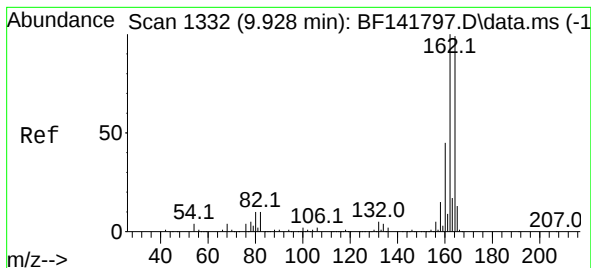
Tgt Ion:142 Resp: 1619174

Ion Ratio Lower Upper

142 100

141 92.1 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1182

Delta R.T. -0.000 min

Lab File: BF141811.D

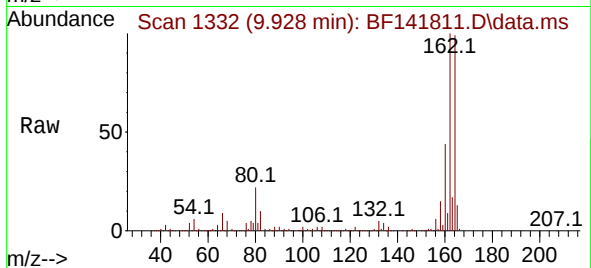
Acq: 03 Mar 2025 14:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



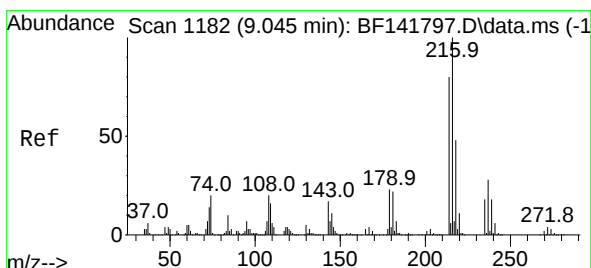
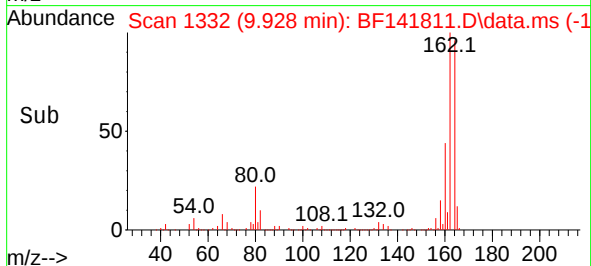
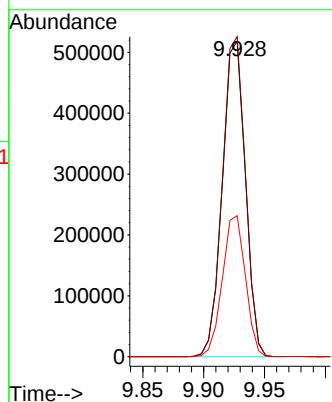
Tgt Ion:164 Resp: 681541

Ion Ratio Lower Upper

164 100

162 101.4 80.6 120.8

160 44.7 36.3 54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.951 ng

RT: 9.045 min Scan# 1182

Delta R.T. -0.000 min

Lab File: BF141811.D

Acq: 03 Mar 2025 14:16

Tgt Ion:216 Resp: 786375

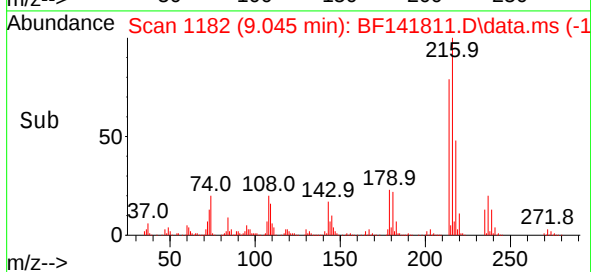
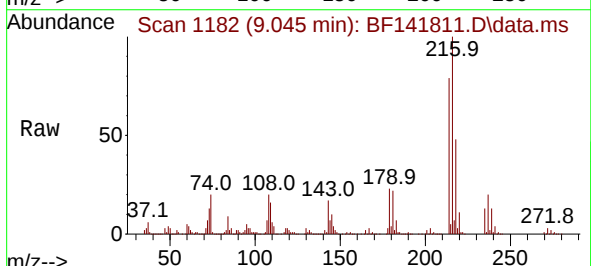
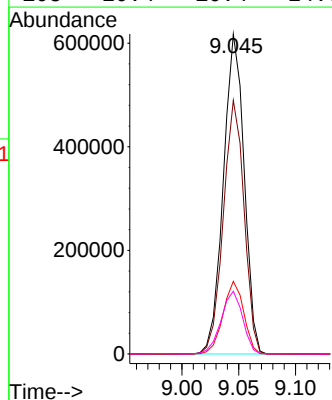
Ion Ratio Lower Upper

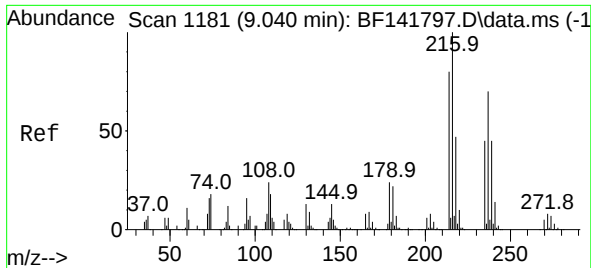
216 100

214 79.0 63.5 95.3

179 22.6 18.1 27.1

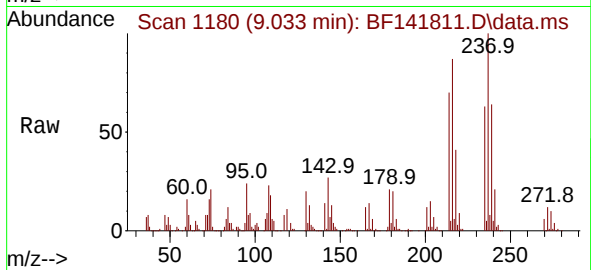
108 20.4 16.4 24.6



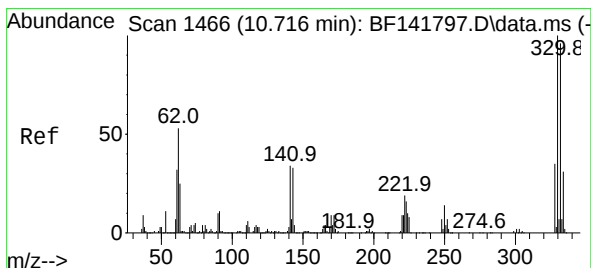
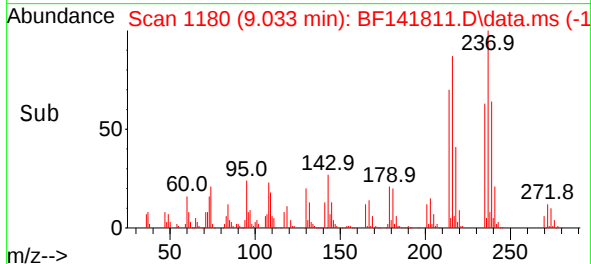
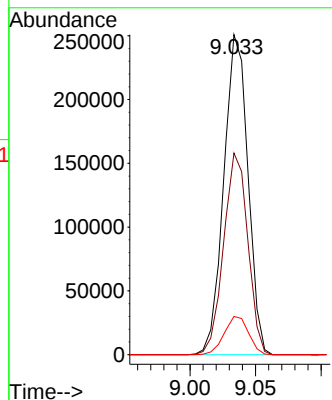


#41
Hexachlorocyclopentadiene
Concen: 39.049 ng
RT: 9.033 min Scan# 1181
Delta R.T. -0.006 min
Lab File: BF141811.D
Acq: 03 Mar 2025 14:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

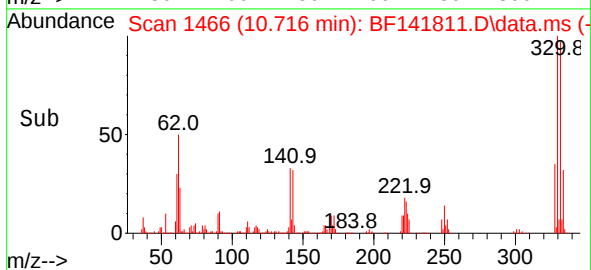
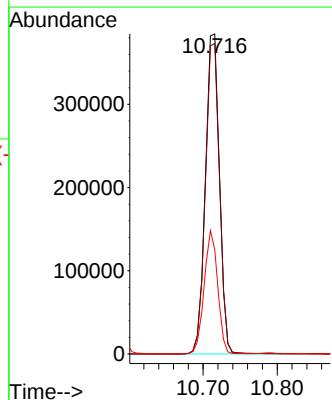
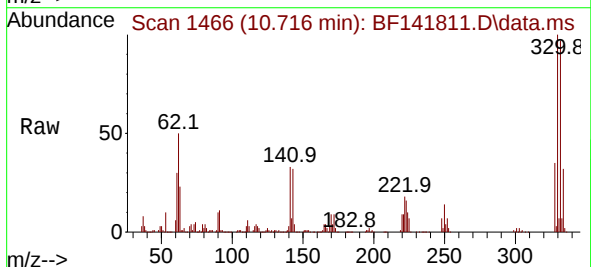


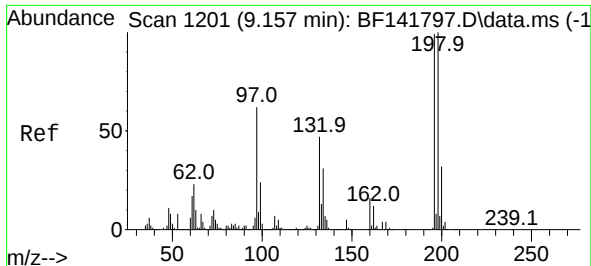
Tgt Ion:237 Resp: 320767
Ion Ratio Lower Upper
237 100
235 63.0 43.3 83.3
272 11.9 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 79.802 ng
RT: 10.716 min Scan# 1466
Delta R.T. -0.000 min
Lab File: BF141811.D
Acq: 03 Mar 2025 14:16

Tgt Ion:330 Resp: 510606
Ion Ratio Lower Upper
330 100
332 97.4 76.6 115.0
141 37.2 29.0 43.4





#43

2,4,6-Trichlorophenol

Concen: 39.357 ng

RT: 9.151 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF141811.D

Acq: 03 Mar 2025 14:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

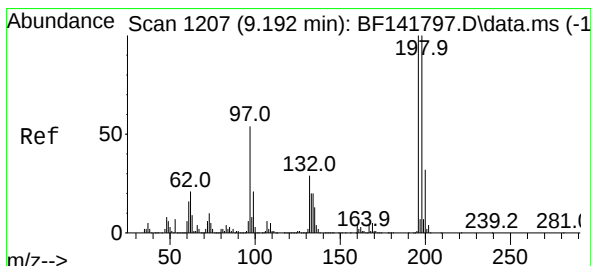
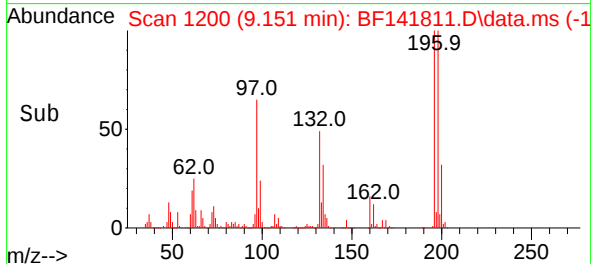
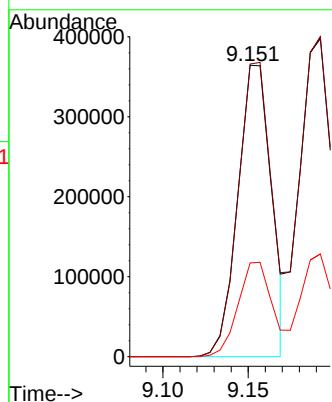
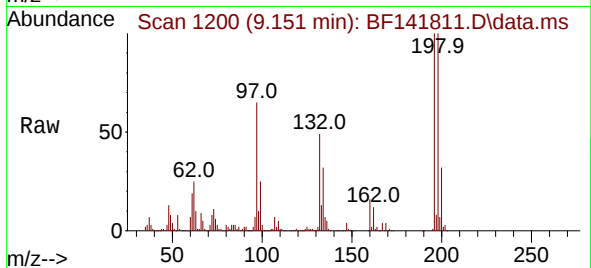
Tgt Ion:196 Resp: 500423

Ion Ratio Lower Upper

196 100

198 100.4 80.4 120.6

200 32.2 25.7 38.5



#44

2,4,5-Trichlorophenol

Concen: 42.351 ng

RT: 9.192 min Scan# 1207

Delta R.T. -0.000 min

Lab File: BF141811.D

Acq: 03 Mar 2025 14:16

Tgt Ion:196 Resp: 533229

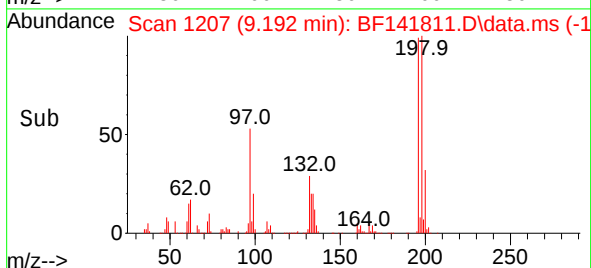
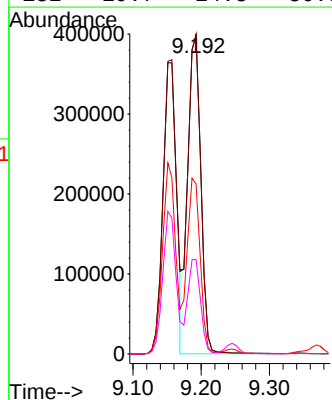
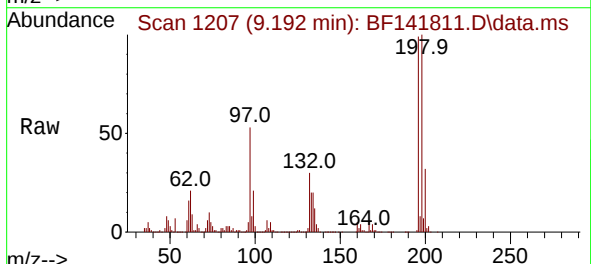
Ion Ratio Lower Upper

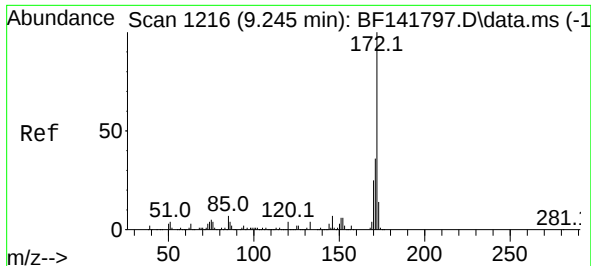
196 100

198 100.5 79.7 119.5

97 53.4 44.2 66.2

132 29.7 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 77.871 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.000 min

Lab File: BF141811.D

Acq: 03 Mar 2025 14:16

Instrument :

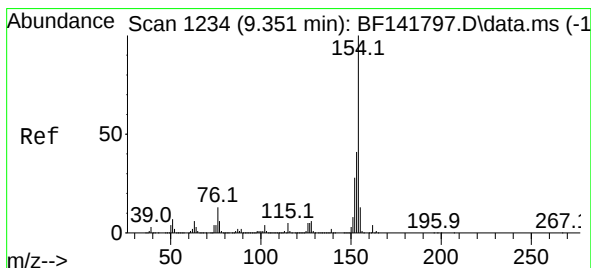
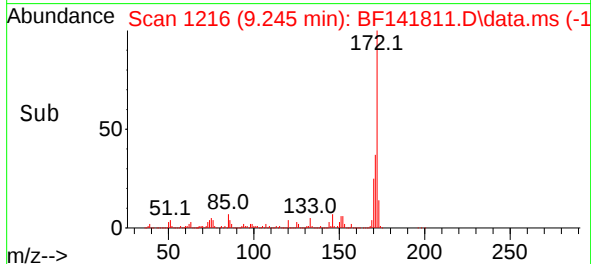
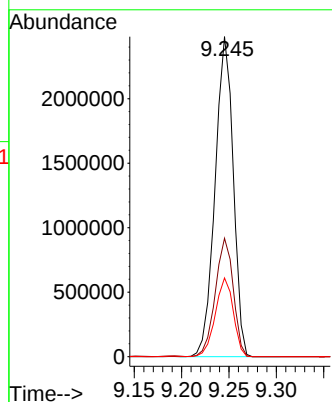
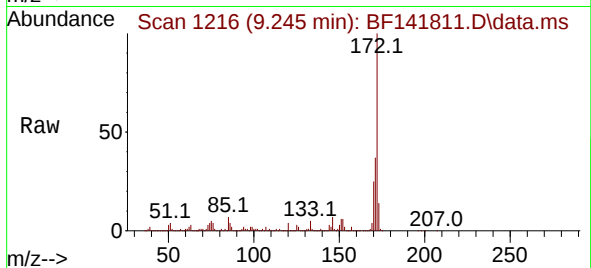
BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:172 Resp: 3309900

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.2	43.8
170	24.6	19.7	29.5



#46

1,1'-Biphenyl

Concen: 39.988 ng

RT: 9.345 min Scan# 1233

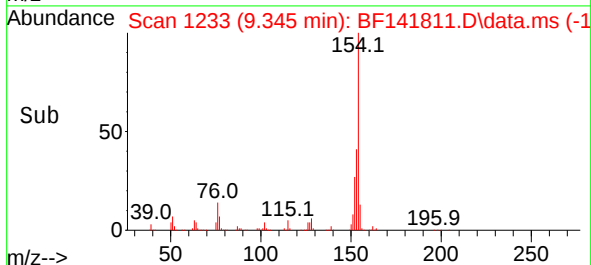
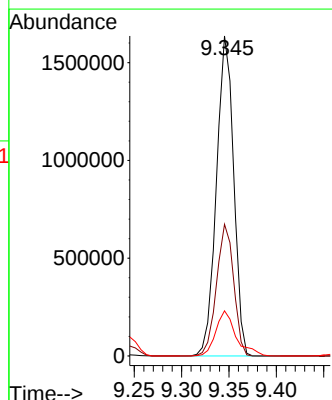
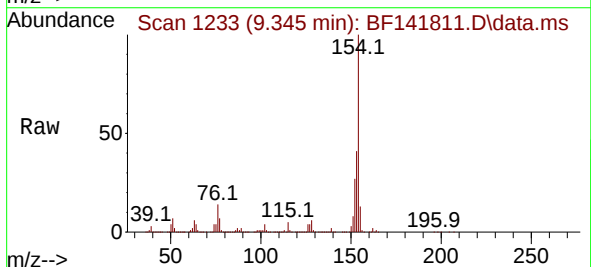
Delta R.T. -0.006 min

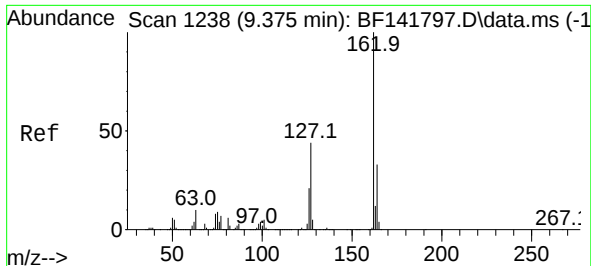
Lab File: BF141811.D

Acq: 03 Mar 2025 14:16

Tgt Ion:154 Resp: 2074425

Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.4	61.4
76	14.1	0.0	33.4





#47

2-Chloronaphthalene

Concen: 40.370 ng

RT: 9.369 min Scan# 1237

Delta R.T. -0.006 min

Lab File: BF141811.D

Acq: 03 Mar 2025 14:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

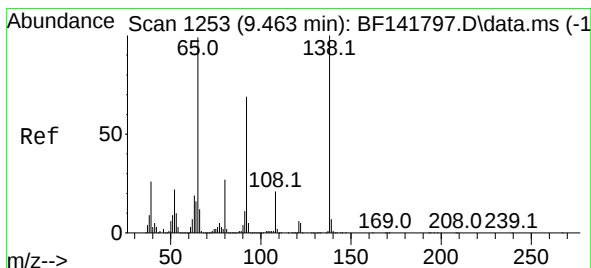
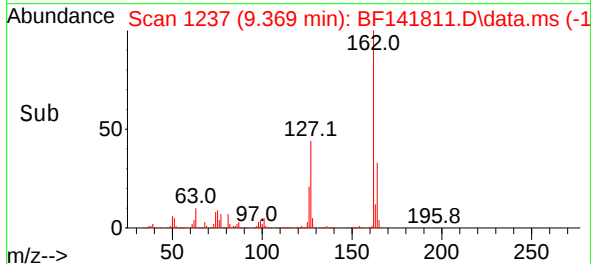
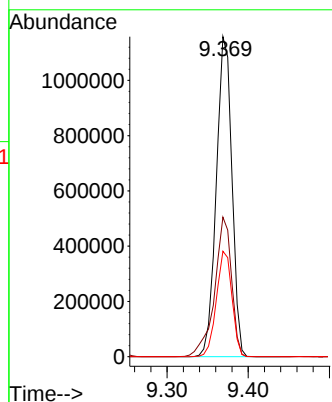
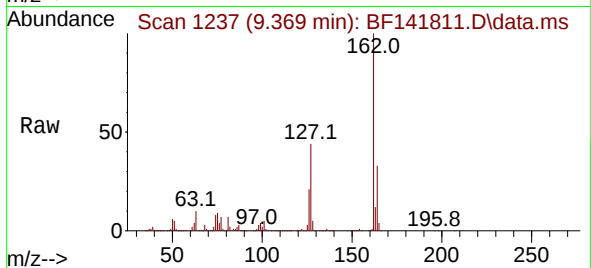
Tgt Ion:162 Resp: 1545705

Ion Ratio Lower Upper

162 100

127 43.6 35.0 52.6

164 32.9 26.6 40.0



#48

2-Nitroaniline

Concen: 40.975 ng

RT: 9.463 min Scan# 1253

Delta R.T. -0.000 min

Lab File: BF141811.D

Acq: 03 Mar 2025 14:16

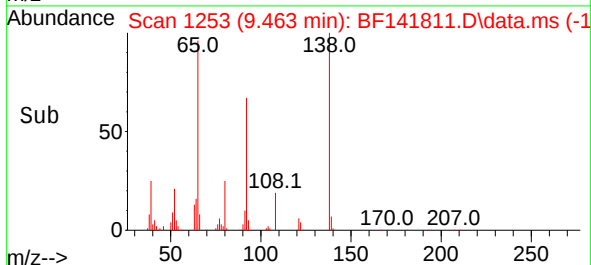
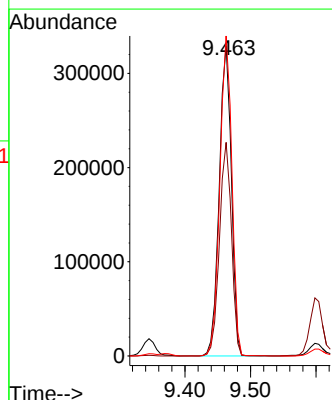
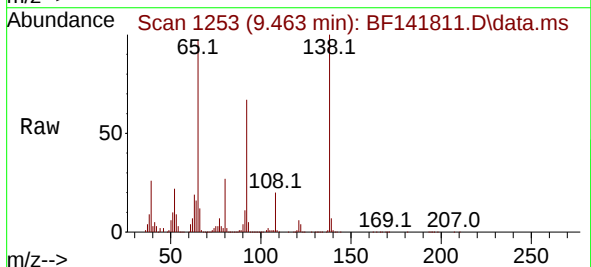
Tgt Ion: 65 Resp: 422129

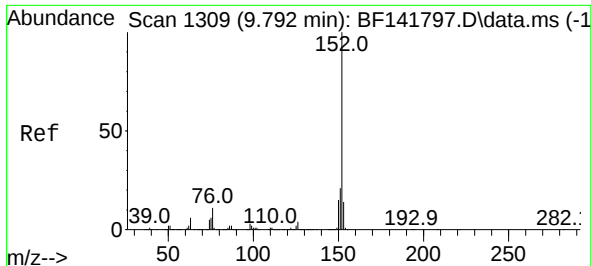
Ion Ratio Lower Upper

65 100

92 68.9 55.7 83.5

138 103.2 80.6 121.0





#49

Acenaphthylene

Concen: 39.939 ng

RT: 9.786 min Scan# 1308

Delta R.T. -0.006 min

Lab File: BF141811.D

Acq: 03 Mar 2025 14:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

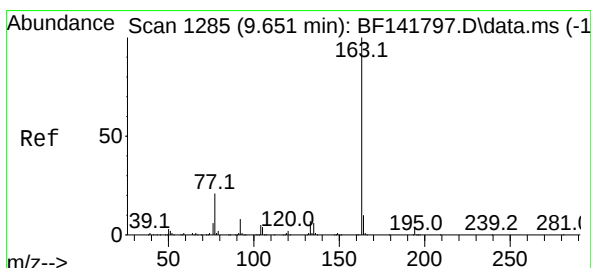
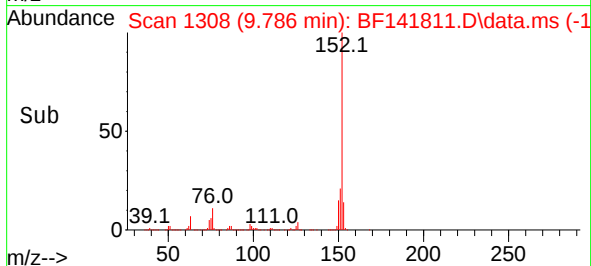
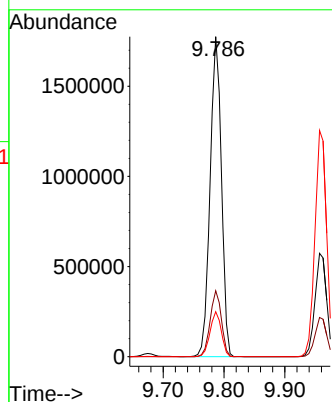
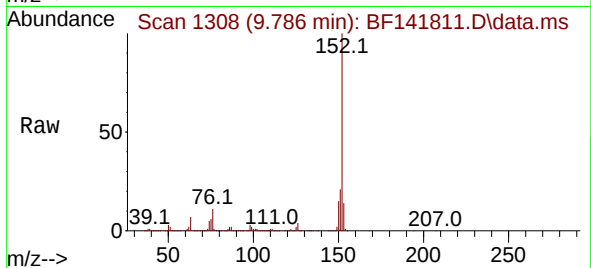
Tgt Ion:152 Resp: 2292782

Ion Ratio Lower Upper

152 100

151 20.6 16.6 24.8

153 14.0 11.2 16.8



#50

Dimethylphthalate

Concen: 39.868 ng

RT: 9.645 min Scan# 1284

Delta R.T. -0.006 min

Lab File: BF141811.D

Acq: 03 Mar 2025 14:16

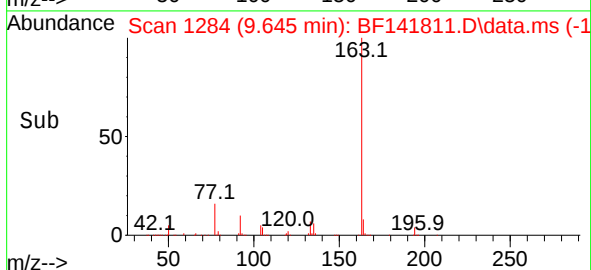
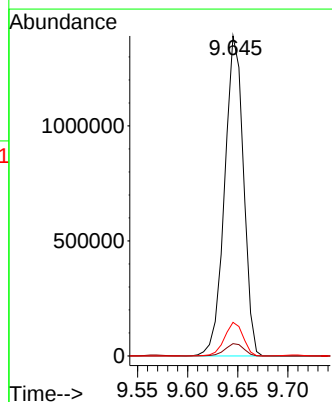
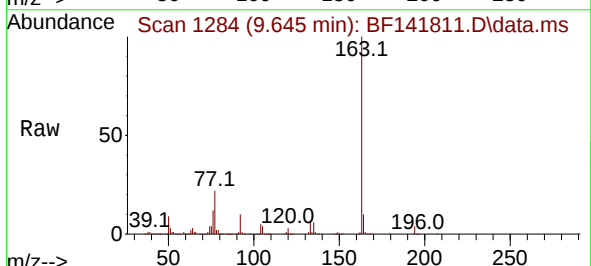
Tgt Ion:163 Resp: 1819644

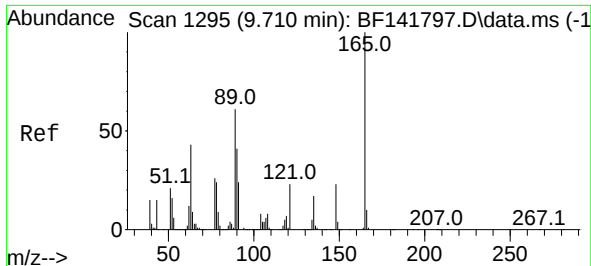
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 10.5 8.4 12.6





#51

2,6-Dinitrotoluene

Concen: 40.852 ng

RT: 9.704 min Scan# 1295

Delta R.T. -0.006 min

Lab File: BF141811.D

Acq: 03 Mar 2025 14:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

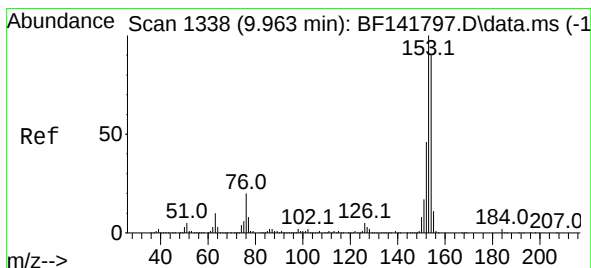
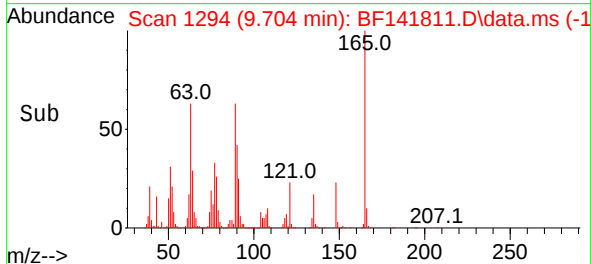
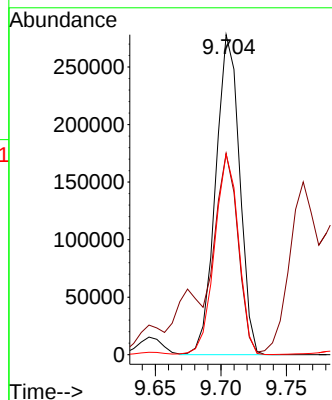
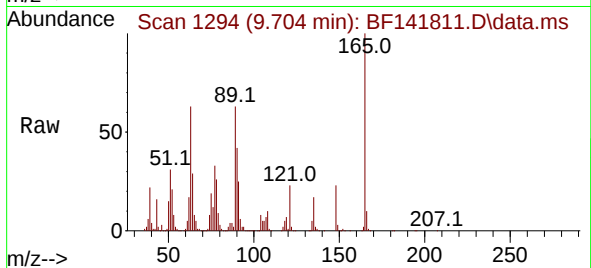
Tgt Ion:165 Resp: 352780

Ion Ratio Lower Upper

165 100

63 62.9 49.5 74.3

89 62.7 49.0 73.4



#52

Acenaphthene

Concen: 39.989 ng

RT: 9.957 min Scan# 1337

Delta R.T. -0.006 min

Lab File: BF141811.D

Acq: 03 Mar 2025 14:16

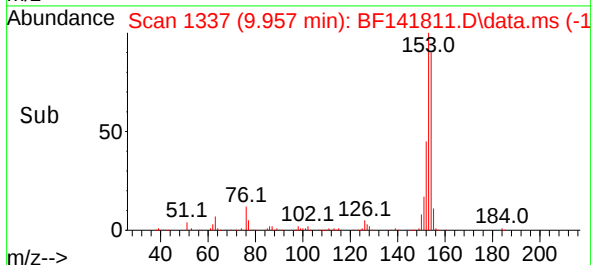
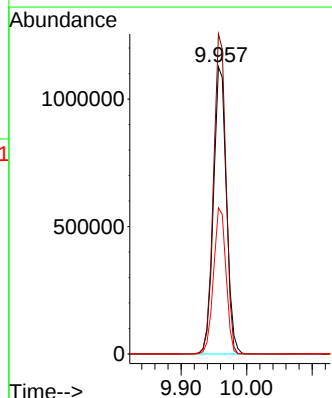
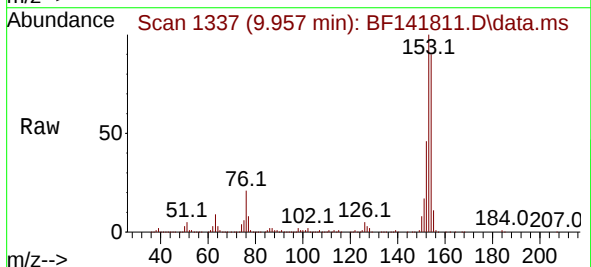
Tgt Ion:154 Resp: 1548970

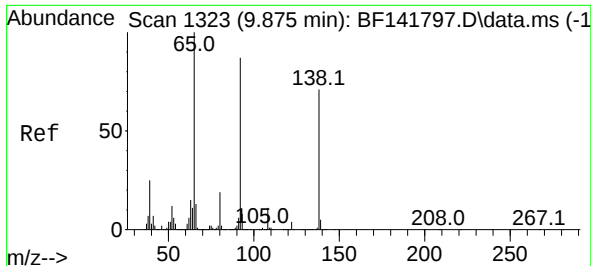
Ion Ratio Lower Upper

154 100

153 111.4 88.7 133.1

152 50.9 40.9 61.3

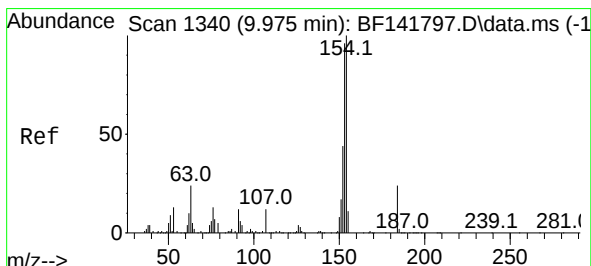
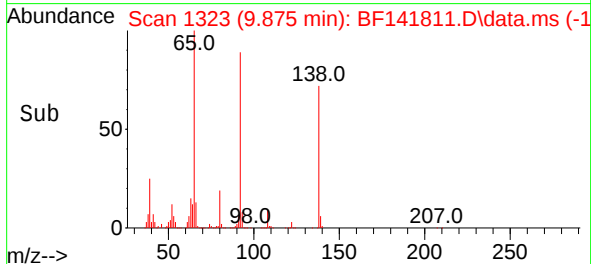
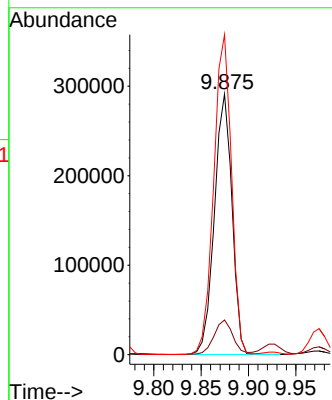
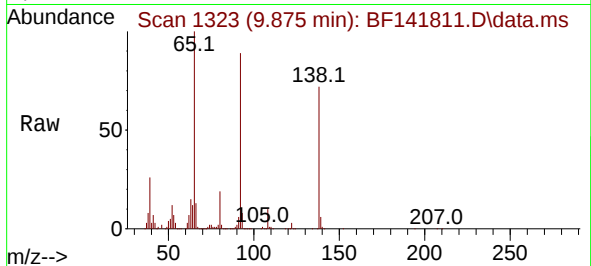




#53
3-Nitroaniline
Concen: 40.852 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BF141811.D
Acq: 03 Mar 2025 14:16

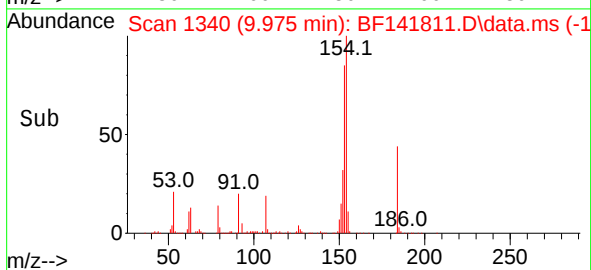
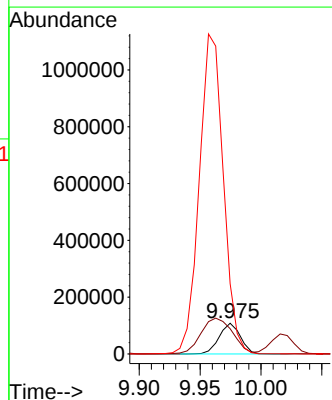
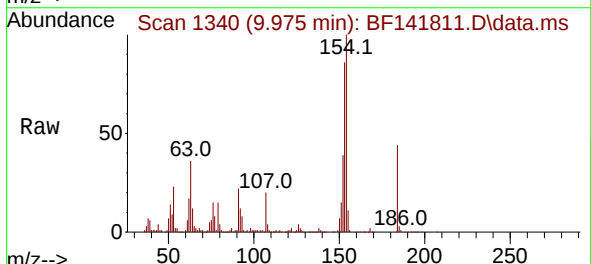
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

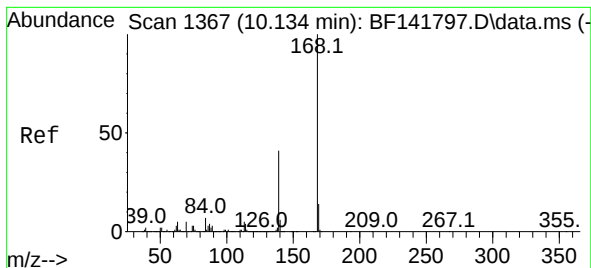
Tgt Ion:138 Resp: 375561
Ion Ratio Lower Upper
138 100
108 13.3 12.7 19.1
92 122.8 97.9 146.9



#54
2,4-Dinitrophenol
Concen: 40.966 ng
RT: 9.975 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BF141811.D
Acq: 03 Mar 2025 14:16

Tgt Ion:184 Resp: 131005
Ion Ratio Lower Upper
184 100
63 82.5 79.0 118.6
154 229.7 335.8 503.8#





#55

Dibenzenofuran

Concen: 39.519 ng

RT: 10.133 min Scan# 14

Delta R.T. -0.000 min

Lab File: BF141811.D

Acq: 03 Mar 2025 14:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

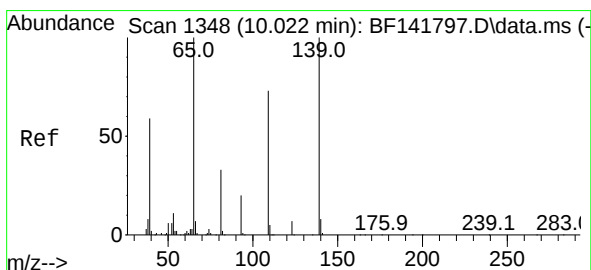
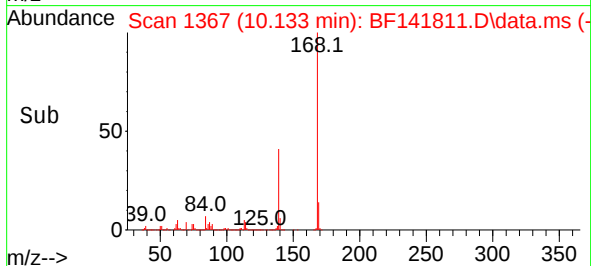
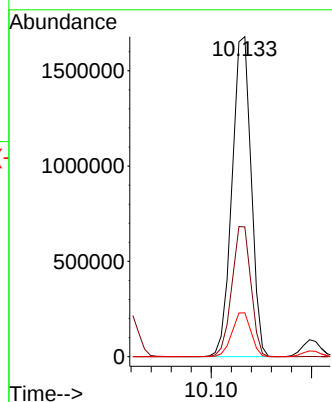
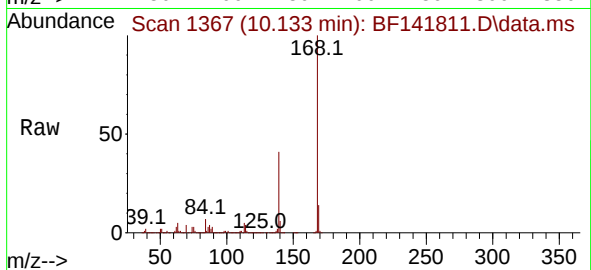
Tgt Ion:168 Resp: 2228045

Ion Ratio Lower Upper

168 100

139 40.5 32.9 49.3

169 13.7 11.1 16.7



#56

4-Nitrophenol

Concen: 44.328 ng

RT: 10.016 min Scan# 1347

Delta R.T. -0.006 min

Lab File: BF141811.D

Acq: 03 Mar 2025 14:16

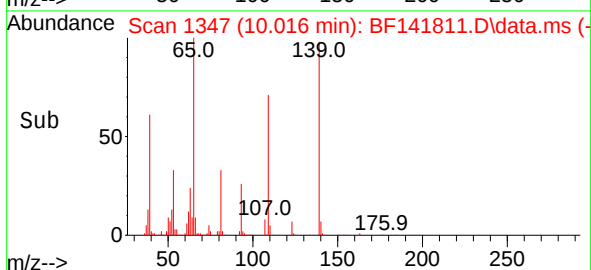
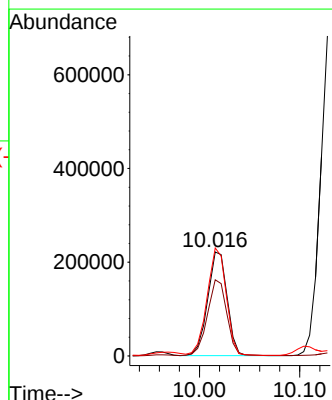
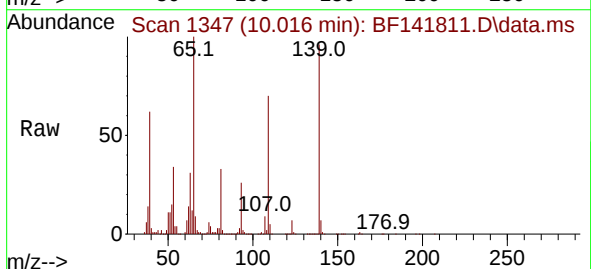
Tgt Ion:139 Resp: 298813

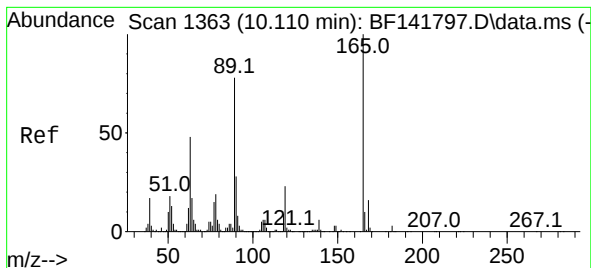
Ion Ratio Lower Upper

139 100

109 73.1 53.4 93.4

65 103.8 82.1 122.1

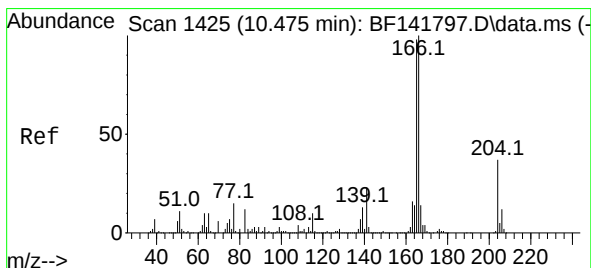
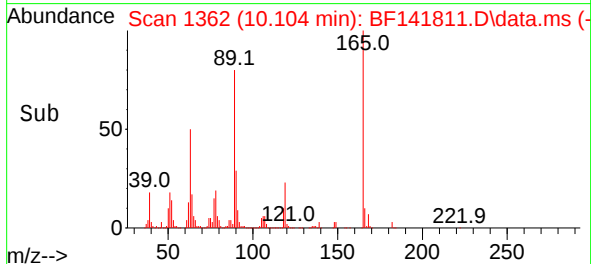
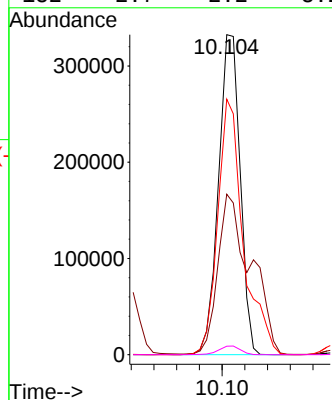
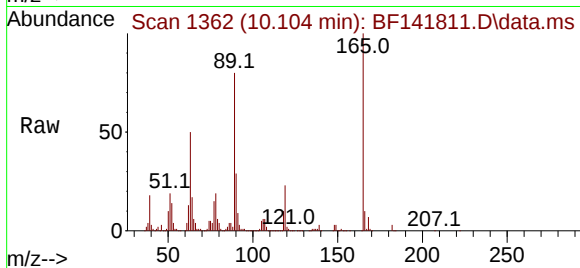




#57
2,4-Dinitrotoluene
Concen: 41.865 ng
RT: 10.104 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF141811.D
Acq: 03 Mar 2025 14:16

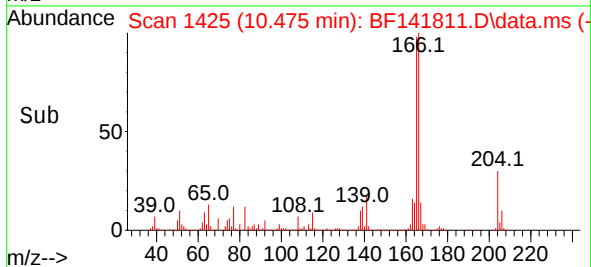
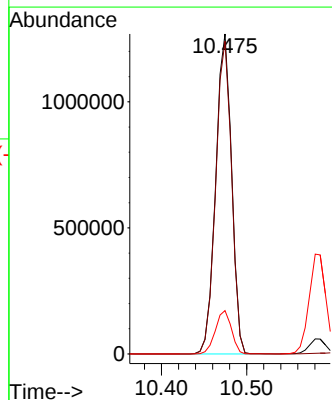
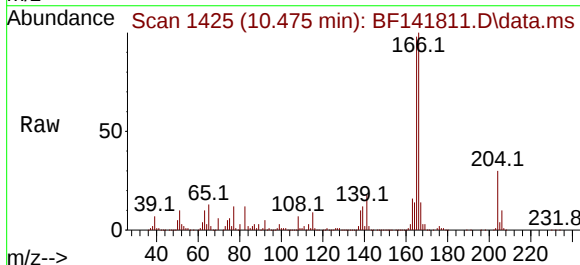
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

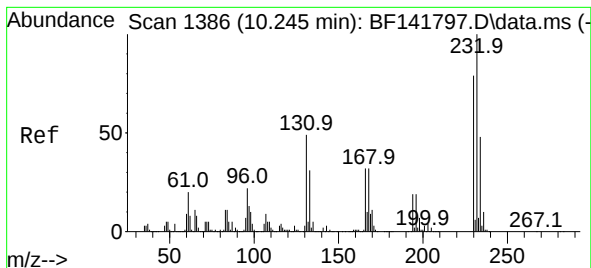
Tgt Ion:165 Resp: 441287
Ion Ratio Lower Upper
165 100
63 50.2 38.8 58.2
89 79.9 62.6 94.0
182 2.7 2.2 3.2



#58
Fluorene
Concen: 38.979 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BF141811.D
Acq: 03 Mar 2025 14:16

Tgt Ion:166 Resp: 1646123
Ion Ratio Lower Upper
166 100
165 97.7 78.6 117.8
167 13.6 11.0 16.4

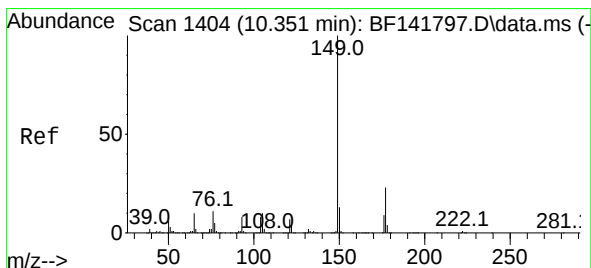
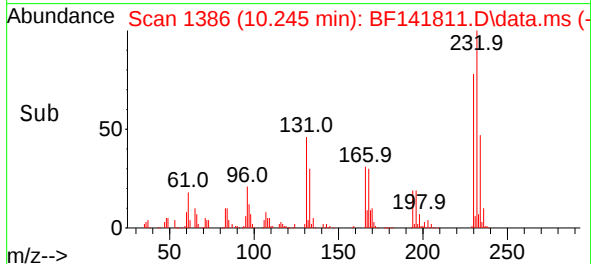
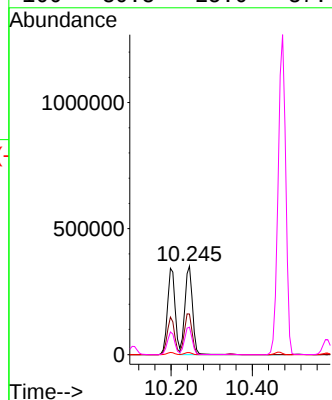
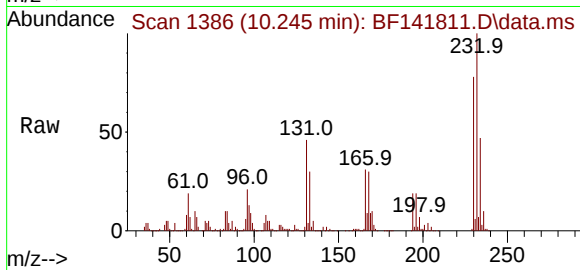




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.490 ng
RT: 10.245 min Scan# 1403
Delta R.T. -0.000 min
Lab File: BF141811.D
Acq: 03 Mar 2025 14:16

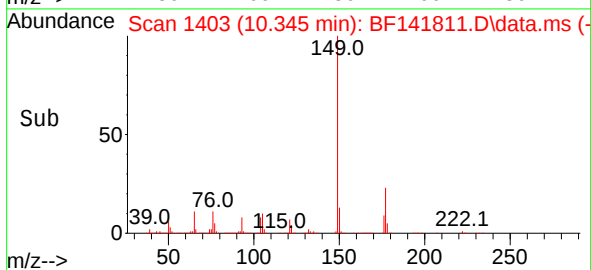
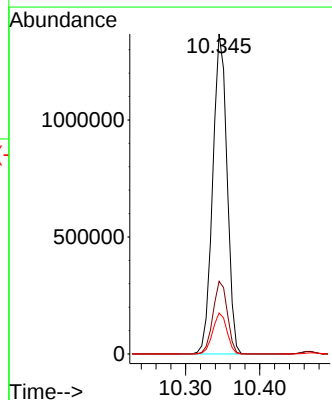
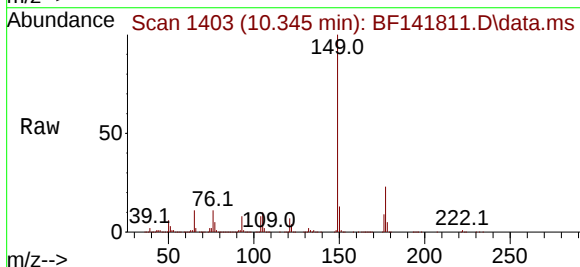
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

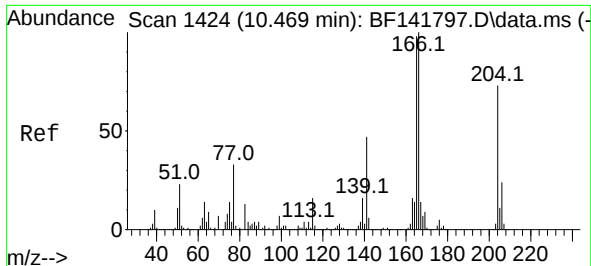
Tgt Ion:232 Resp: 454326
Ion Ratio Lower Upper
232 100
131 47.0 37.8 56.8
130 2.4 2.0 3.0
166 30.8 25.0 37.4



#60
Diethylphthalate
Concen: 40.051 ng
RT: 10.345 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BF141811.D
Acq: 03 Mar 2025 14:16

Tgt Ion:149 Resp: 1832531
Ion Ratio Lower Upper
149 100
177 22.7 18.3 27.5
150 12.8 10.3 15.5

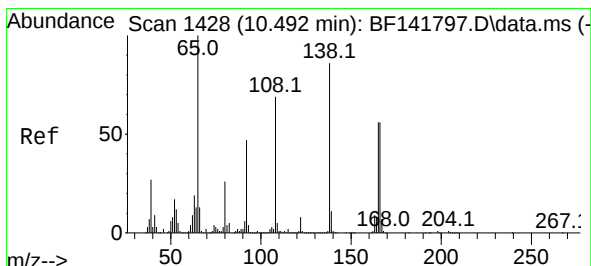
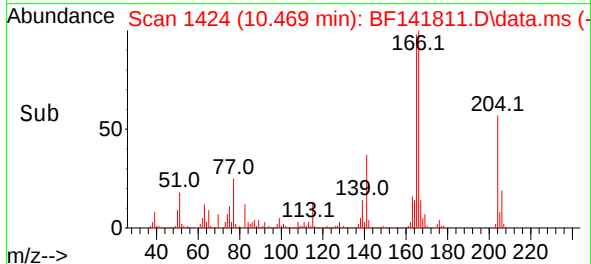
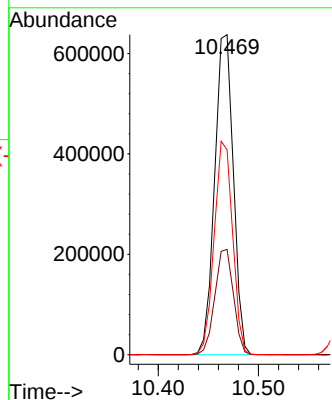
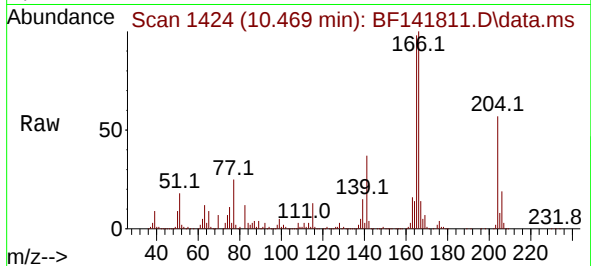




#61
4-Chlorophenyl-phenylether
Concen: 39.059 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF141811.D
Acq: 03 Mar 2025 14:16

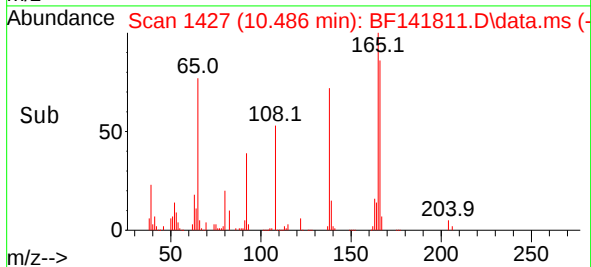
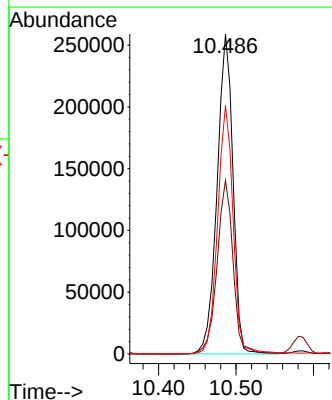
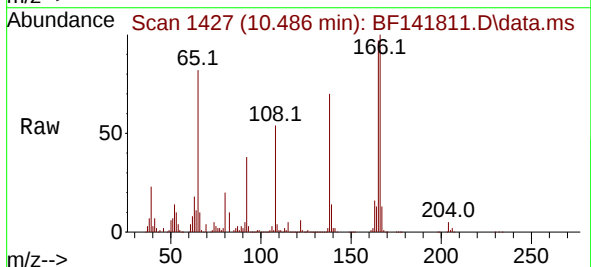
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

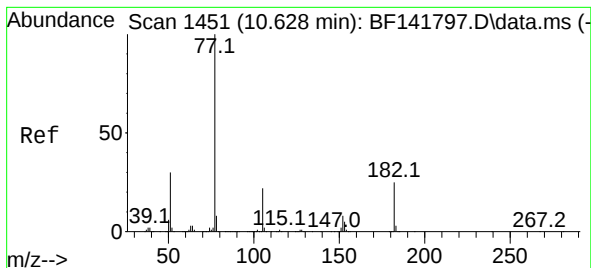
Tgt Ion:204 Resp: 826460
Ion Ratio Lower Upper
204 100
206 32.9 26.2 39.4
141 64.0 51.7 77.5



#62
4-Nitroaniline
Concen: 47.460 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF141811.D
Acq: 03 Mar 2025 14:16

Tgt Ion:138 Resp: 369922
Ion Ratio Lower Upper
138 100
92 54.3 34.9 74.9
108 77.6 59.6 99.6

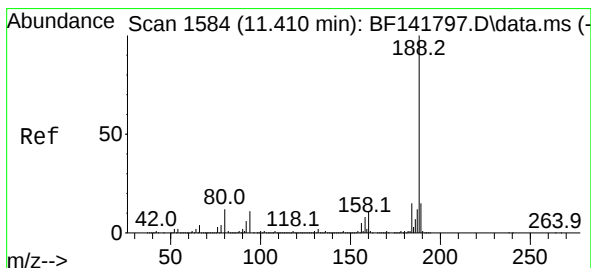
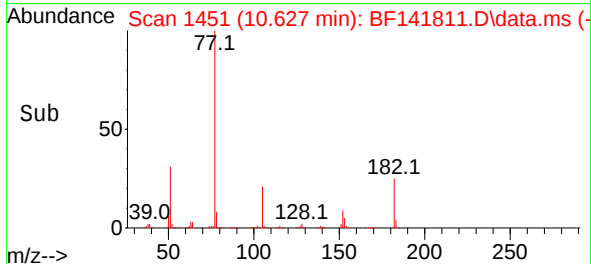
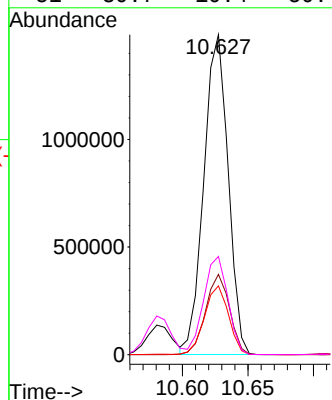
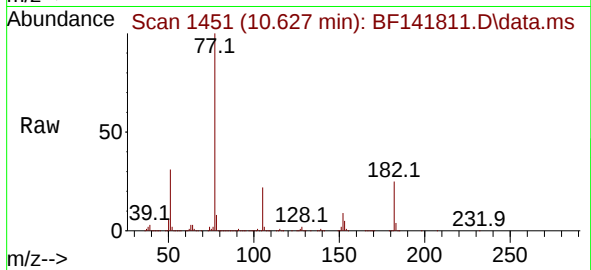




#63
Azobenzene
Concen: 39.820 ng
RT: 10.627 min Scan# 1451
Delta R.T. -0.000 min
Lab File: BF141811.D
Acq: 03 Mar 2025 14:16

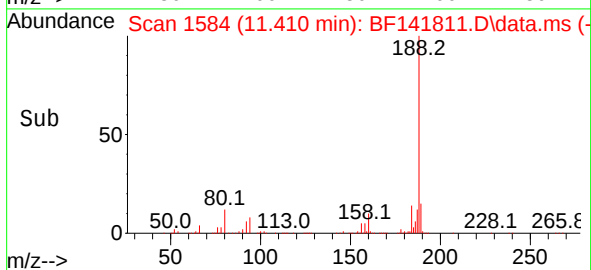
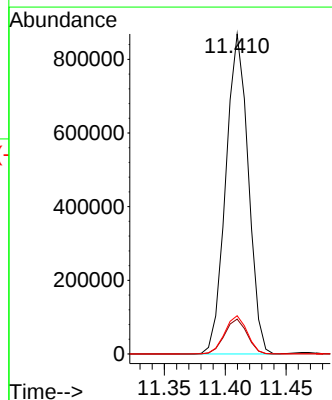
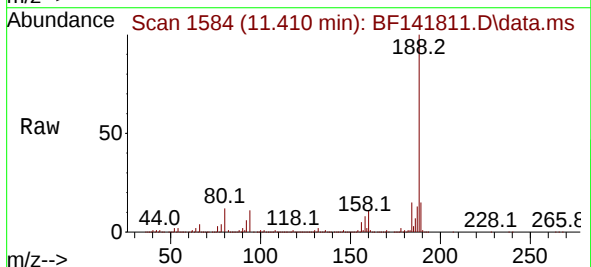
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

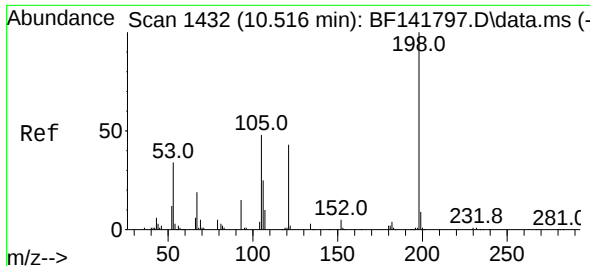
Tgt Ion: 77 Resp: 1918377
Ion Ratio Lower Upper
77 100
182 25.1 4.2 44.2
105 21.5 1.5 41.5
51 30.7 10.4 50.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF141811.D
Acq: 03 Mar 2025 14:16

Tgt Ion:188 Resp: 1117998
Ion Ratio Lower Upper
188 100
94 10.9 8.9 13.3
80 12.0 9.7 14.5

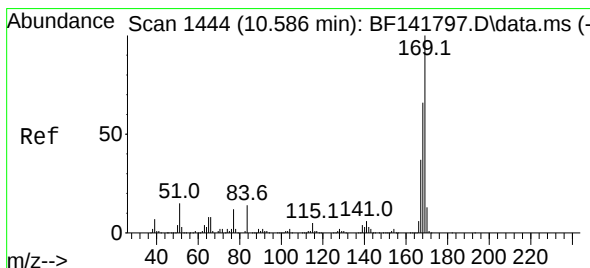
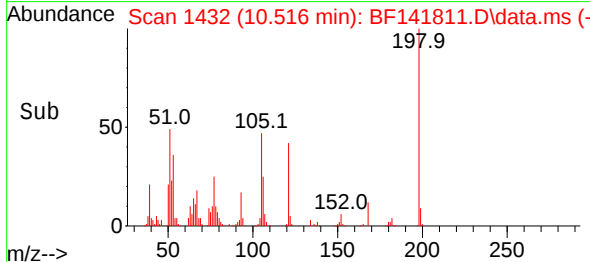
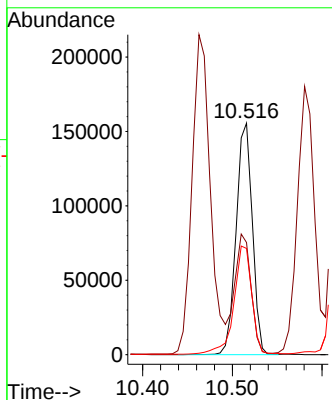
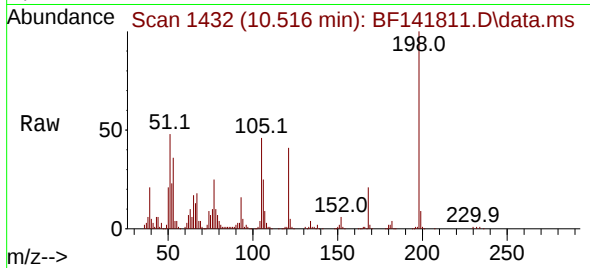




#65
4,6-Dinitro-2-methylphenol
Concen: 38.906 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF141811.D
Acq: 03 Mar 2025 14:16

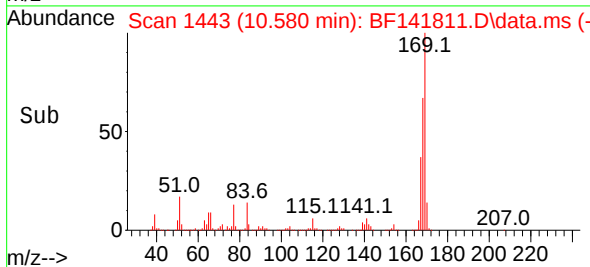
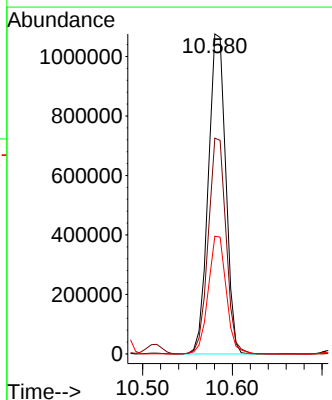
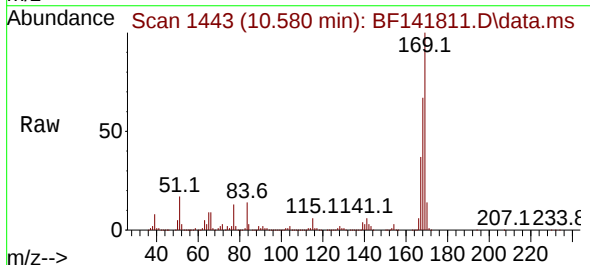
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

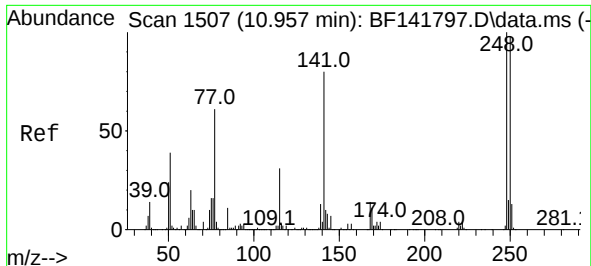
Tgt Ion:198 Resp: 195072
Ion Ratio Lower Upper
198 100
51 48.4 32.1 72.1
105 45.9 28.5 68.5



#66
n-Nitrosodiphenylamine
Concen: 39.590 ng
RT: 10.580 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF141811.D
Acq: 03 Mar 2025 14:16

Tgt Ion:169 Resp: 1453388
Ion Ratio Lower Upper
169 100
168 67.5 53.0 79.6
167 36.8 29.3 43.9

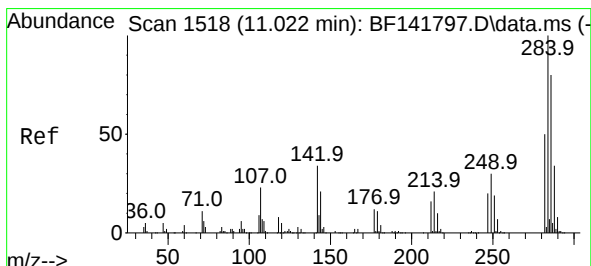
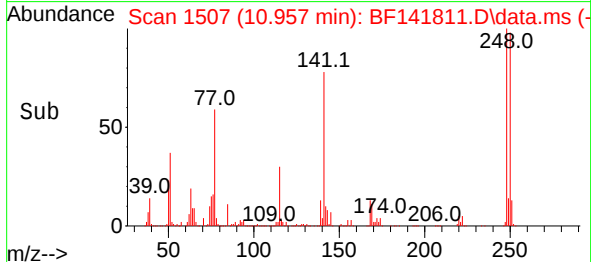
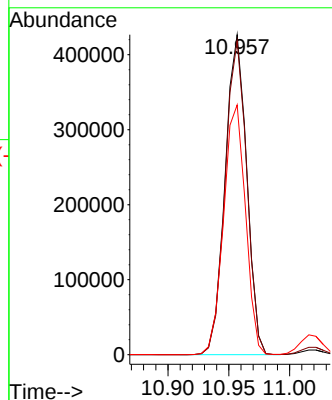
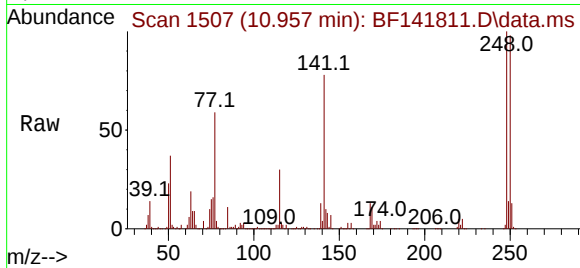




#67
4-Bromophenyl-phenylether
Concen: 40.393 ng
RT: 10.957 min Scan# 1507
Delta R.T. -0.000 min
Lab File: BF141811.D
Acq: 03 Mar 2025 14:16

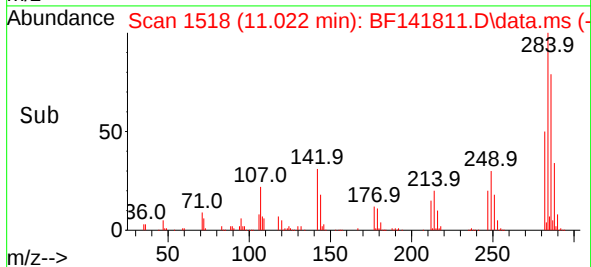
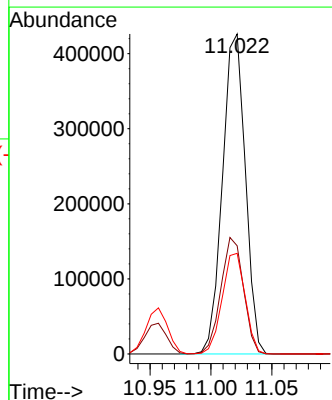
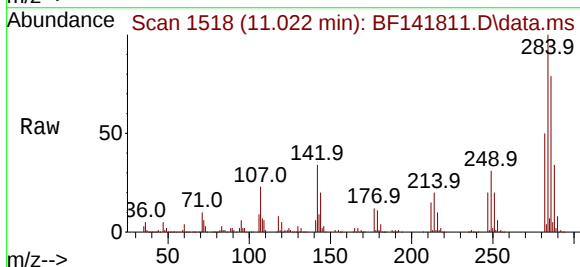
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

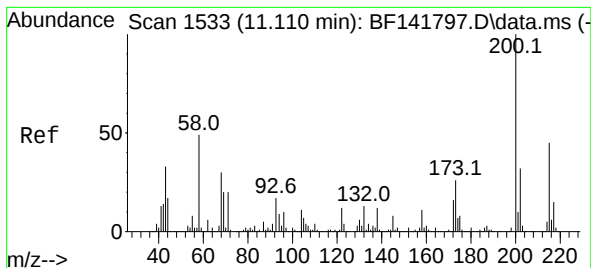
Tgt Ion:248 Resp: 527482
Ion Ratio Lower Upper
248 100
250 98.1 78.1 117.1
141 78.1 64.3 96.5



#68
Hexachlorobenzene
Concen: 40.340 ng
RT: 11.022 min Scan# 1518
Delta R.T. -0.000 min
Lab File: BF141811.D
Acq: 03 Mar 2025 14:16

Tgt Ion:284 Resp: 556270
Ion Ratio Lower Upper
284 100
142 33.8 28.2 42.2
249 31.4 25.5 38.3





#69

Atrazine

Concen: 37.468 ng

RT: 11.104 min Scan# 1532

Delta R.T. -0.006 min

Lab File: BF141811.D

Acq: 03 Mar 2025 14:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

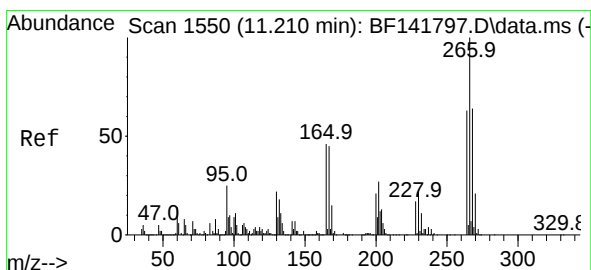
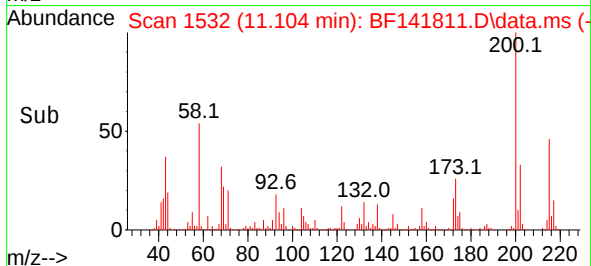
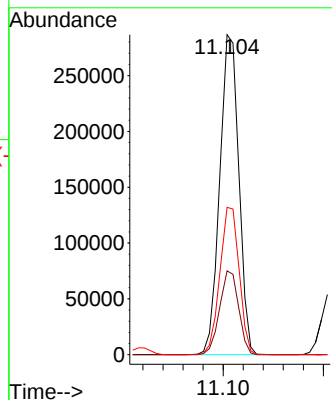
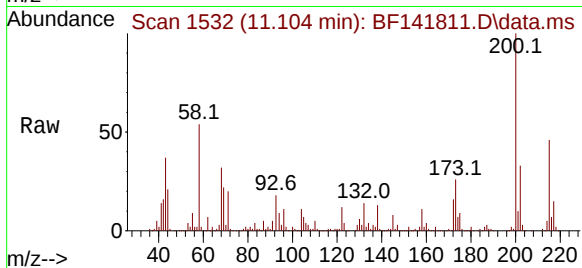
Tgt Ion:200 Resp: 378254

Ion Ratio Lower Upper

200 100

173 26.2 5.6 45.6

215 46.0 25.3 65.3



#70

Pentachlorophenol

Concen: 40.821 ng

RT: 11.210 min Scan# 1550

Delta R.T. -0.000 min

Lab File: BF141811.D

Acq: 03 Mar 2025 14:16

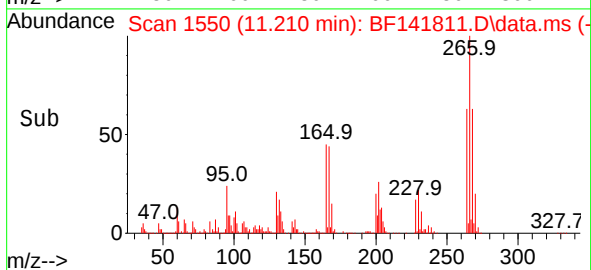
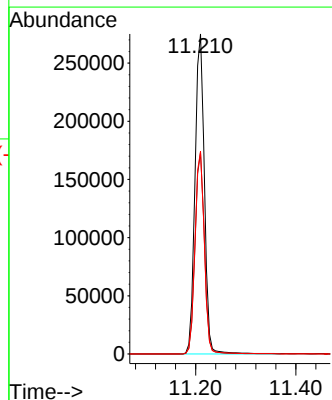
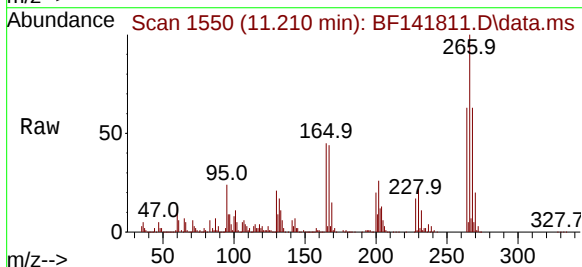
Tgt Ion:266 Resp: 357011

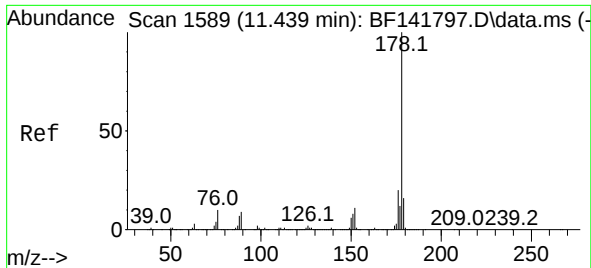
Ion Ratio Lower Upper

266 100

268 63.0 50.9 76.3

264 63.4 50.2 75.4

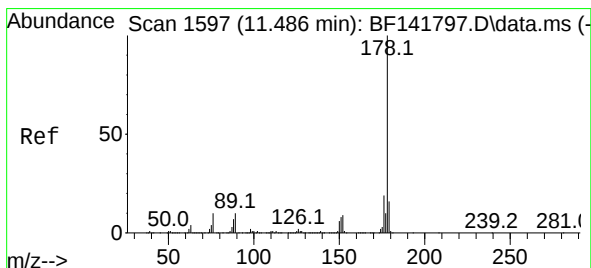
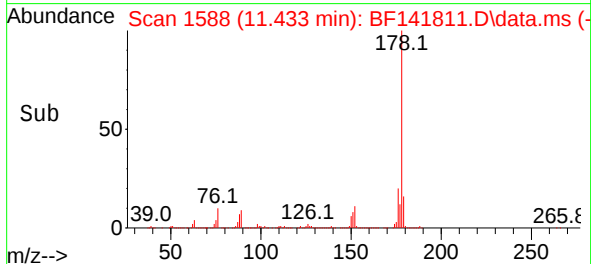
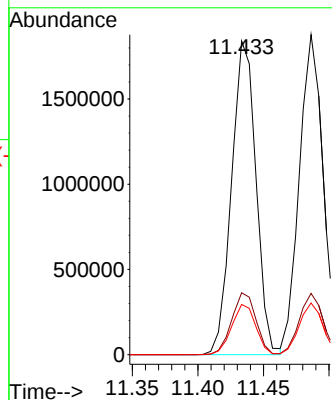
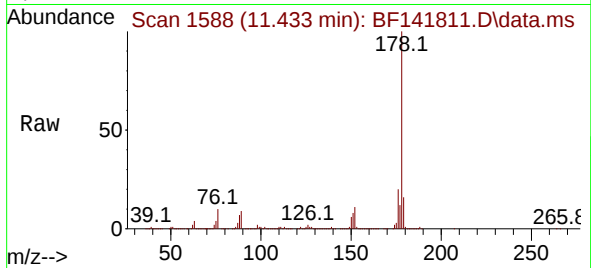




#71
Phenanthrene
Concen: 39.879 ng
RT: 11.433 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF141811.D
Acq: 03 Mar 2025 14:16

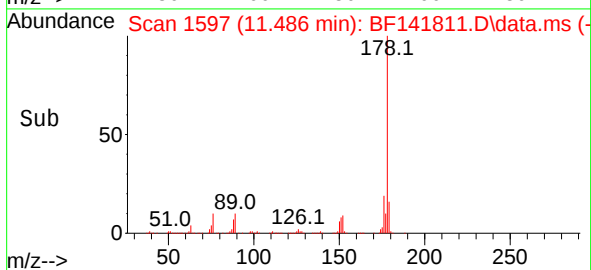
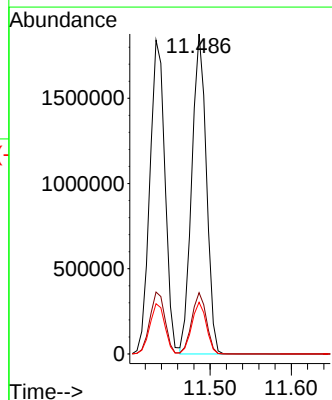
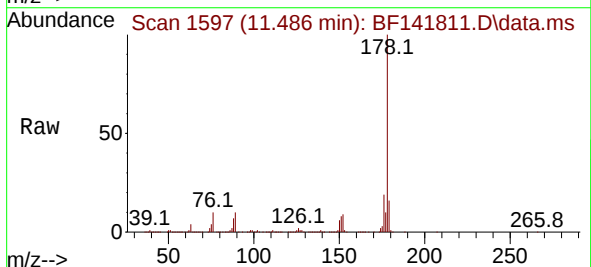
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

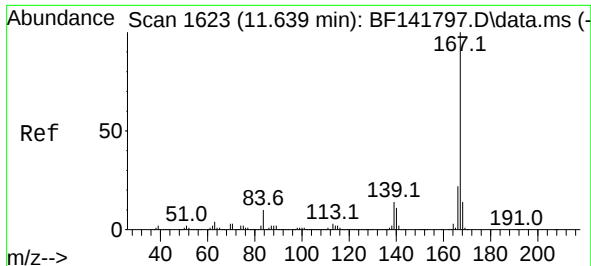
Tgt Ion:178 Resp: 2384850
Ion Ratio Lower Upper
178 100
176 19.8 16.0 24.0
179 16.0 12.6 19.0



#72
Anthracene
Concen: 39.211 ng
RT: 11.486 min Scan# 1597
Delta R.T. -0.000 min
Lab File: BF141811.D
Acq: 03 Mar 2025 14:16

Tgt Ion:178 Resp: 2350089
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 16.1 12.8 19.2

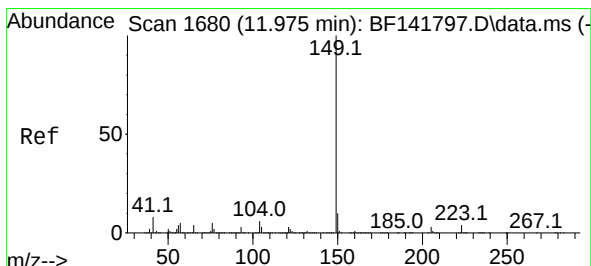
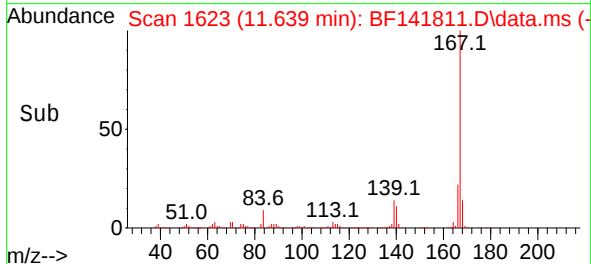
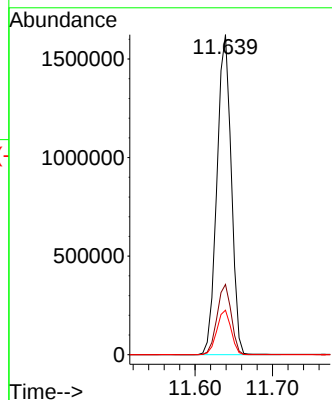
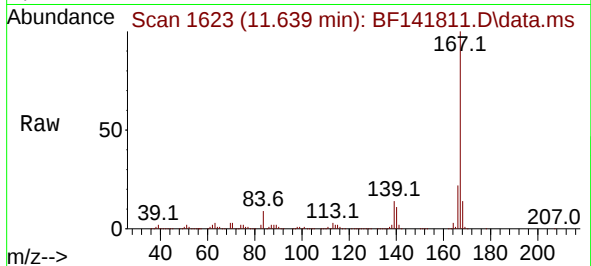




#73
 Carbazole
 Concen: 39.483 ng
 RT: 11.639 min Scan# 1623
 Delta R.T. -0.000 min
 Lab File: BF141811.D
 Acq: 03 Mar 2025 14:16

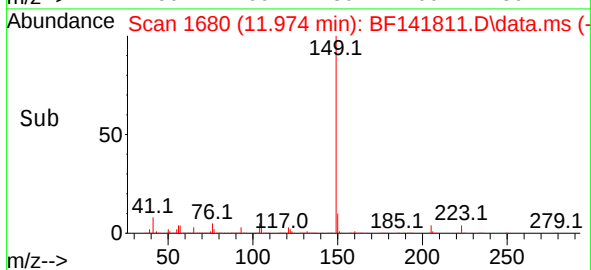
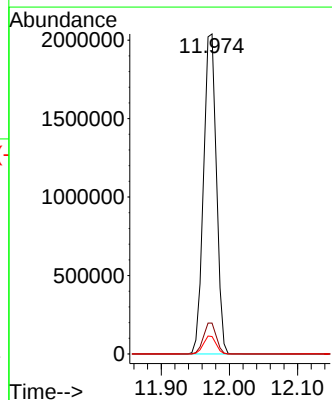
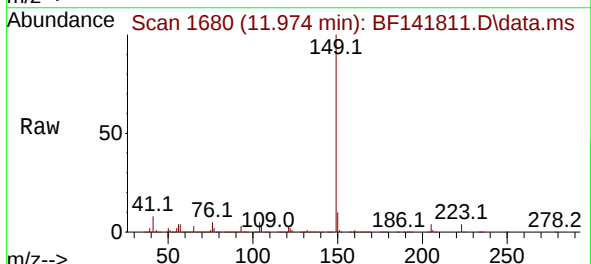
Instrument :
 BNA_F
 ClientSampleId :
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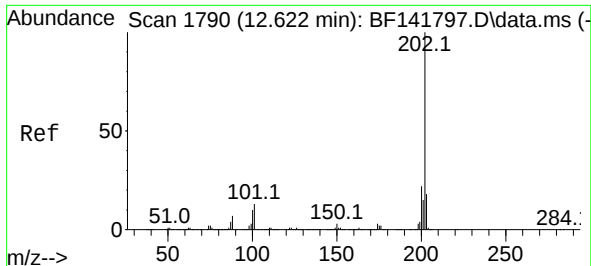
Tgt Ion:167 Resp: 2089718
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.5 26.3
 139 13.9 11.3 16.9



#74
 Di-n-butylphthalate
 Concen: 39.834 ng
 RT: 11.974 min Scan# 1680
 Delta R.T. -0.000 min
 Lab File: BF141811.D
 Acq: 03 Mar 2025 14:16

Tgt Ion:149 Resp: 2672412
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.7 11.5
 104 5.5 4.4 6.6

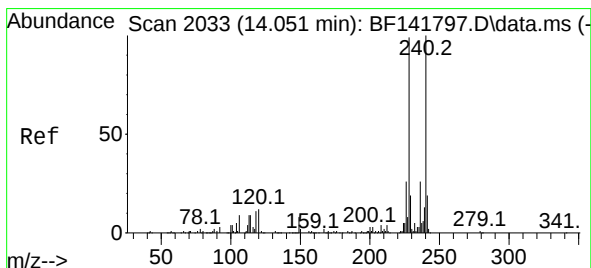
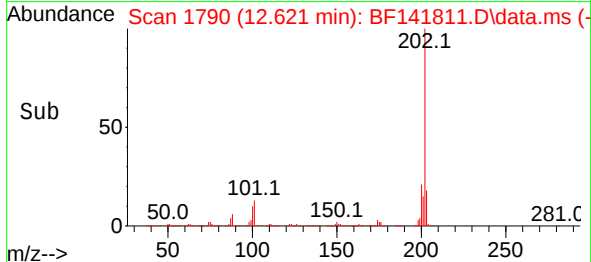
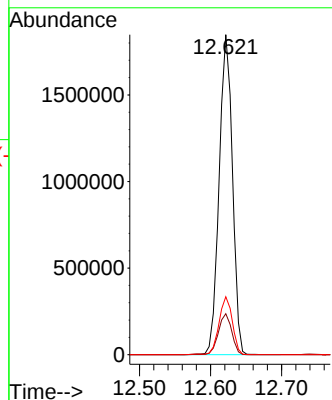
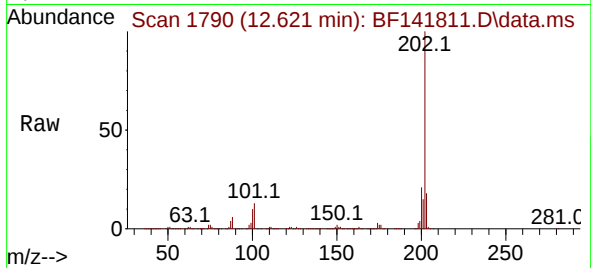




#75
Fluoranthene
Concen: 39.022 ng
RT: 12.621 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141811.D
Acq: 03 Mar 2025 14:16

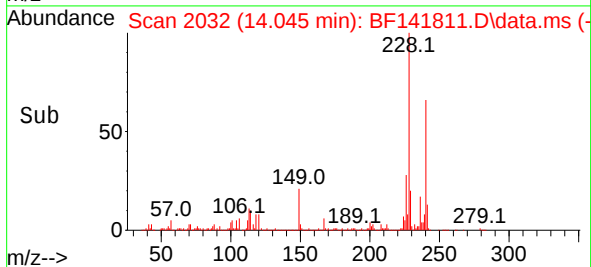
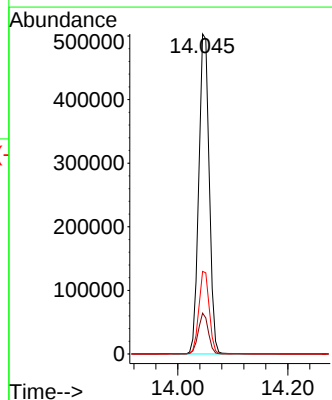
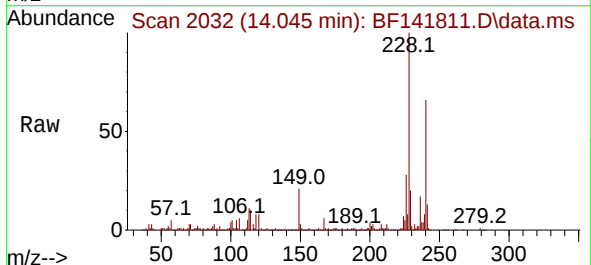
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

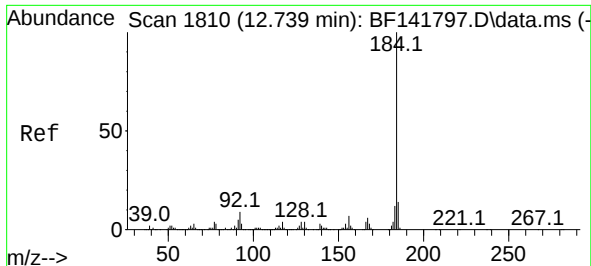
Tgt Ion:202 Resp: 2391153
Ion Ratio Lower Upper
202 100
101 12.8 0.0 32.8
203 18.1 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF141811.D
Acq: 03 Mar 2025 14:16

Tgt Ion:240 Resp: 663447
Ion Ratio Lower Upper
240 100
120 12.7 9.7 14.5
236 25.8 21.0 31.4

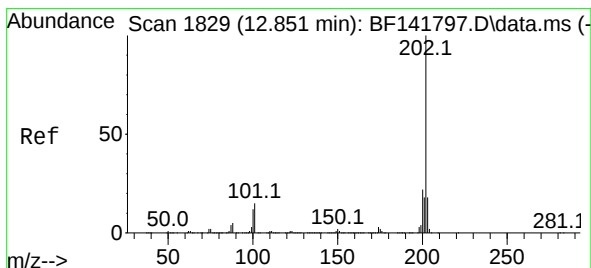
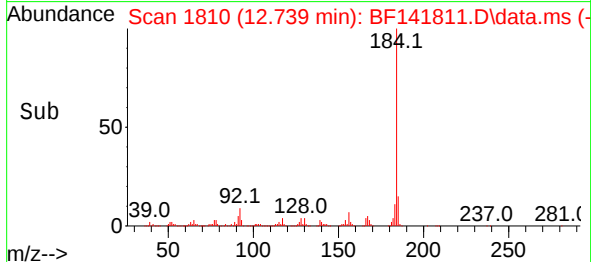
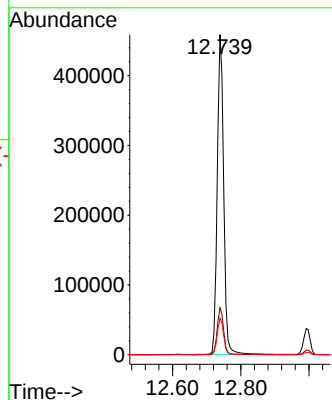
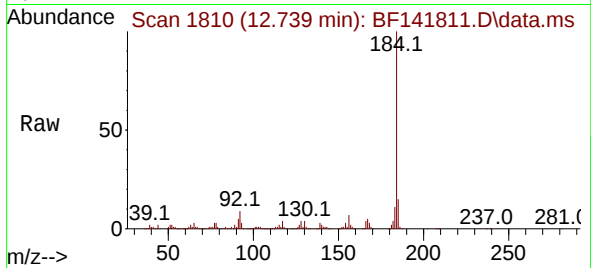




#77
Benzidine
Concen: 71.996 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BF141811.D
Acq: 03 Mar 2025 14:16

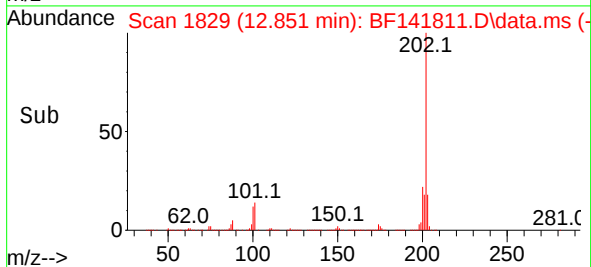
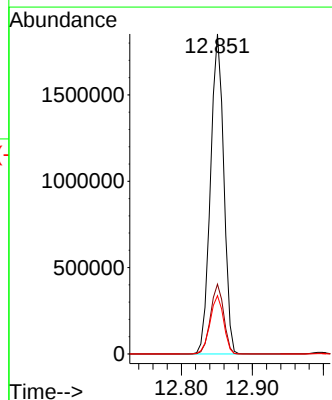
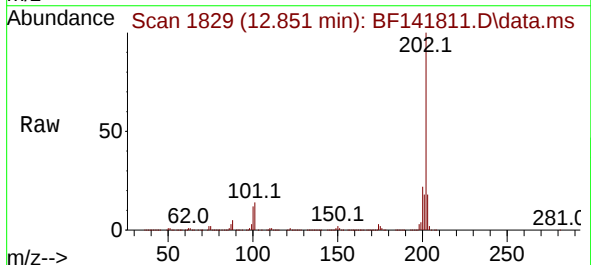
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

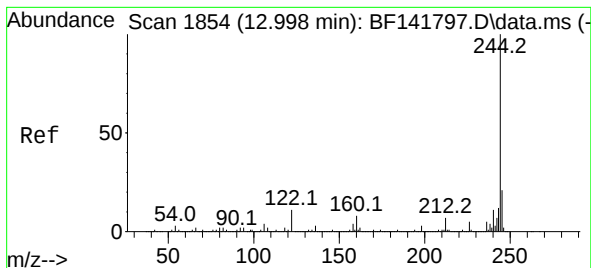
Tgt Ion:184 Resp: 601200
Ion Ratio Lower Upper
184 100
185 14.7 11.6 17.4
183 11.4 9.4 14.0



#78
Pyrene
Concen: 41.845 ng
RT: 12.851 min Scan# 1829
Delta R.T. -0.000 min
Lab File: BF141811.D
Acq: 03 Mar 2025 14:16

Tgt Ion:202 Resp: 2404003
Ion Ratio Lower Upper
202 100
200 21.8 17.4 26.0
203 18.2 14.6 22.0





#79

Terphenyl-d14

Concen: 81.888 ng

RT: 12.992 min Scan# 1853

Delta R.T. -0.006 min

Lab File: BF141811.D

Acq: 03 Mar 2025 14:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

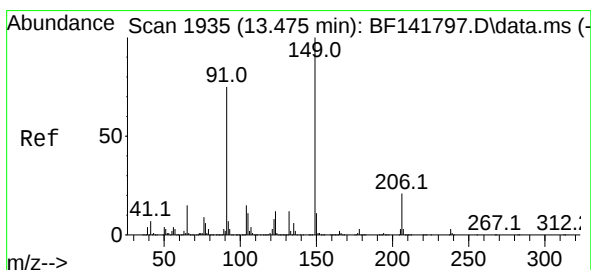
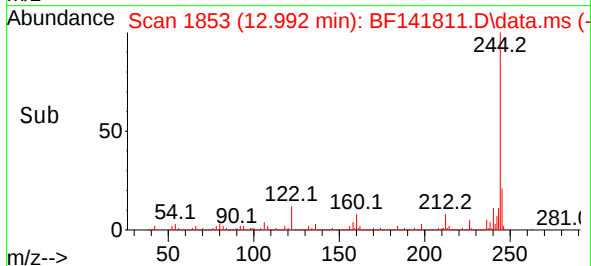
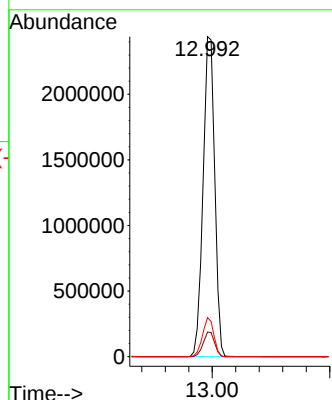
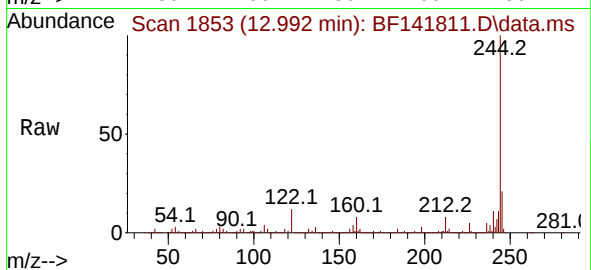
Tgt Ion:244 Resp: 3357923

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

122 12.2 9.0 13.6



#80

Butylbenzylphthalate

Concen: 42.798 ng

RT: 13.468 min Scan# 1934

Delta R.T. -0.006 min

Lab File: BF141811.D

Acq: 03 Mar 2025 14:16

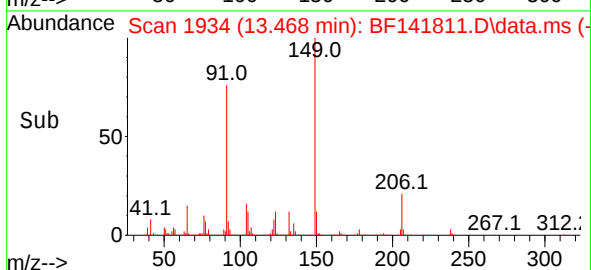
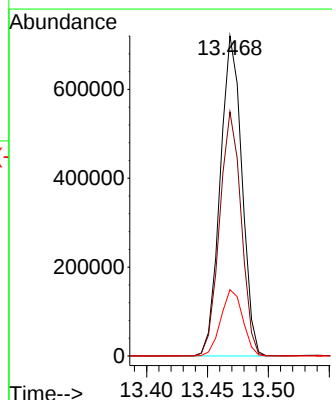
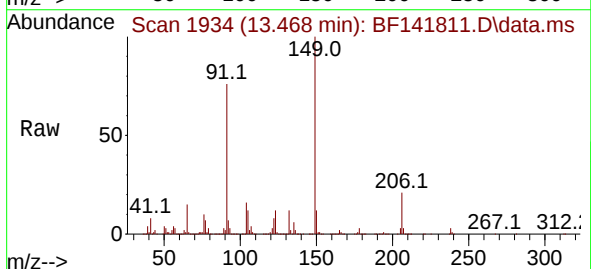
Tgt Ion:149 Resp: 893316

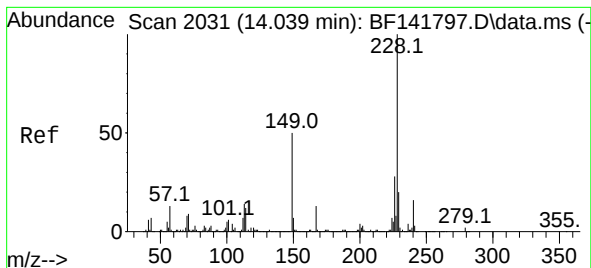
Ion Ratio Lower Upper

149 100

91 76.3 60.1 90.1

206 20.7 16.8 25.2





#81

Benzo(a)anthracene

Concen: 39.361 ng

RT: 14.039 min Scan# 2031

Delta R.T. -0.000 min

Lab File: BF141811.D

Acq: 03 Mar 2025 14:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

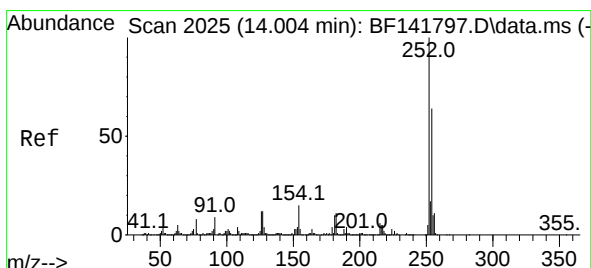
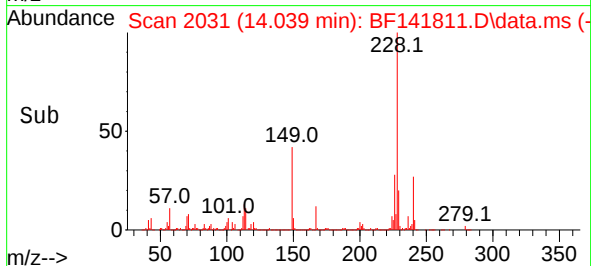
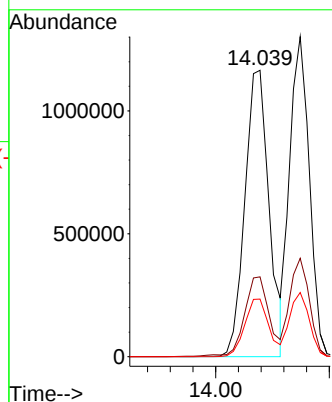
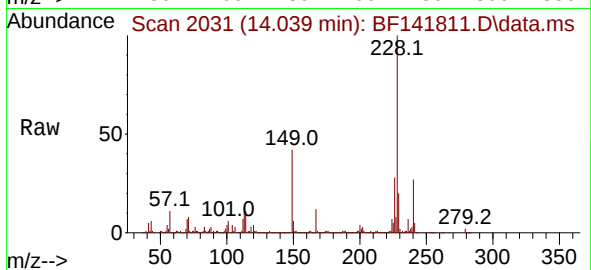
Tgt Ion:228 Resp: 1724858

Ion Ratio Lower Upper

228 100

226 27.9 22.1 33.1

229 20.1 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 40.425 ng

RT: 13.998 min Scan# 2024

Delta R.T. -0.006 min

Lab File: BF141811.D

Acq: 03 Mar 2025 14:16

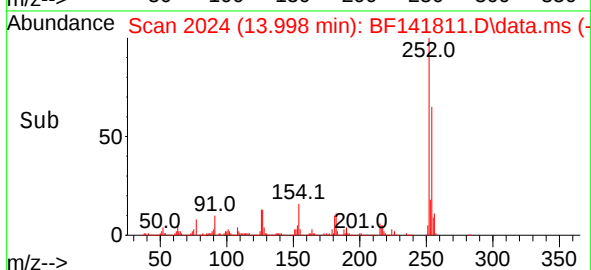
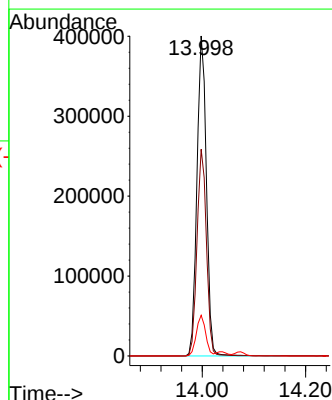
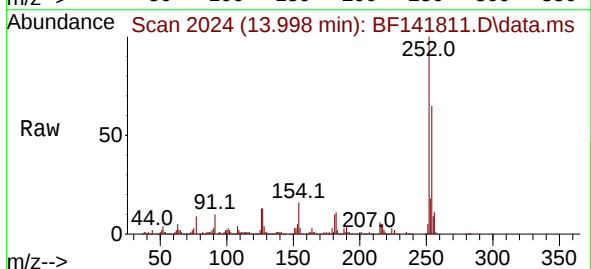
Tgt Ion:252 Resp: 508249

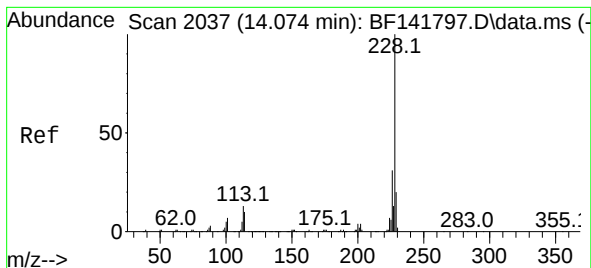
Ion Ratio Lower Upper

252 100

254 64.6 51.4 77.0

126 12.7 9.8 14.6





#83

Chrysene

Concen: 38.822 ng

RT: 14.074 min Scan# 2037

Delta R.T. -0.000 min

Lab File: BF141811.D

Acq: 03 Mar 2025 14:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

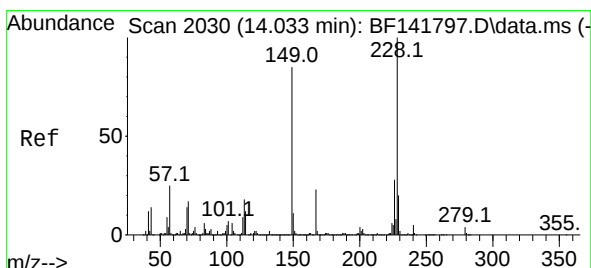
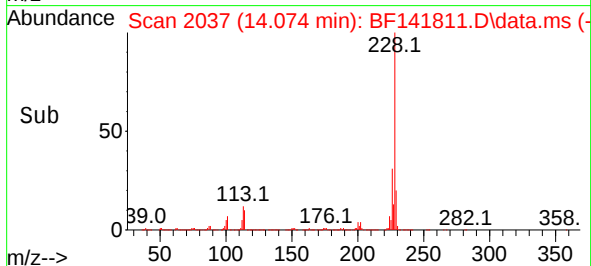
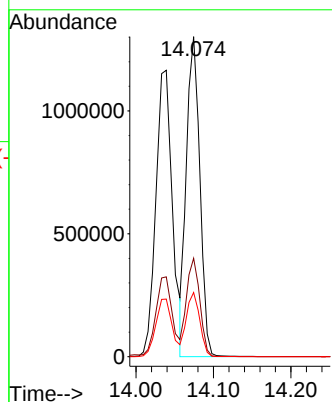
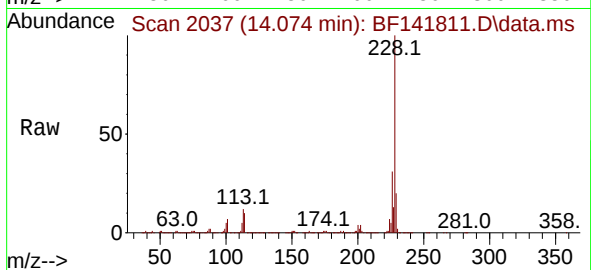
Tgt Ion:228 Resp: 1568254

Ion Ratio Lower Upper

228 100

226 30.8 24.6 37.0

229 20.1 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.652 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF141811.D

Acq: 03 Mar 2025 14:16

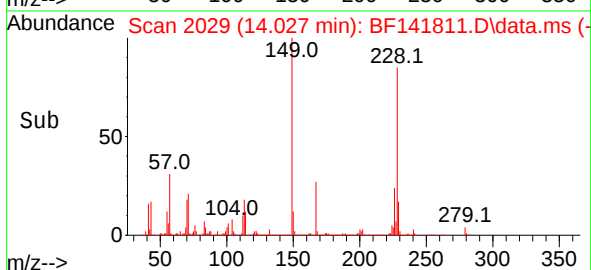
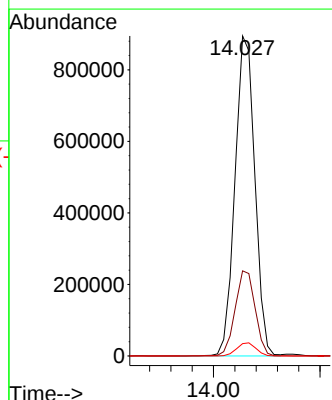
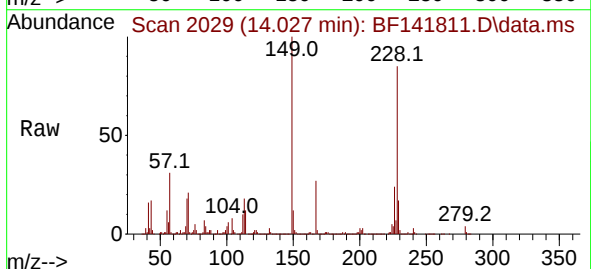
Tgt Ion:149 Resp: 1160504

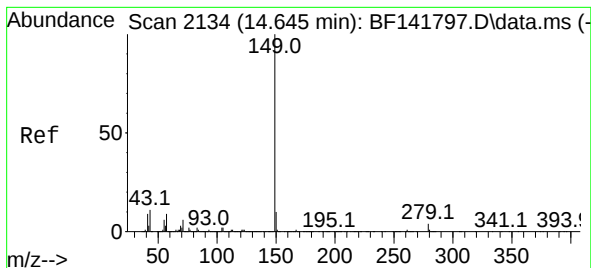
Ion Ratio Lower Upper

149 100

167 26.6 21.2 31.8

279 3.9 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 40.960 ng

RT: 14.645 min Scan# 2134

Delta R.T. -0.000 min

Lab File: BF141811.D

Acq: 03 Mar 2025 14:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

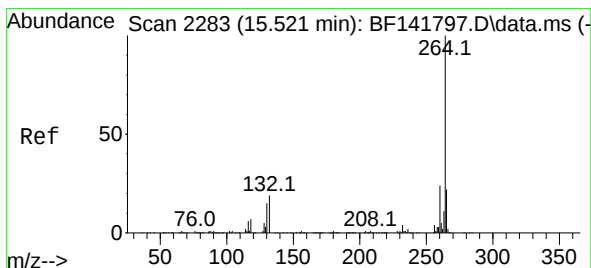
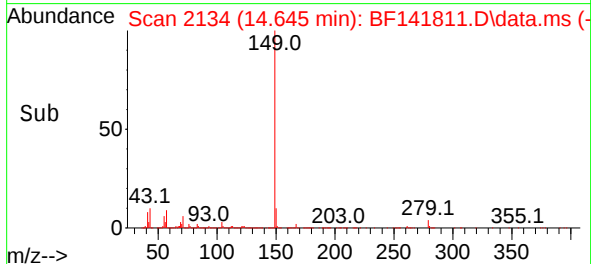
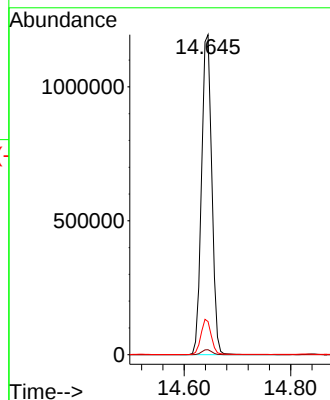
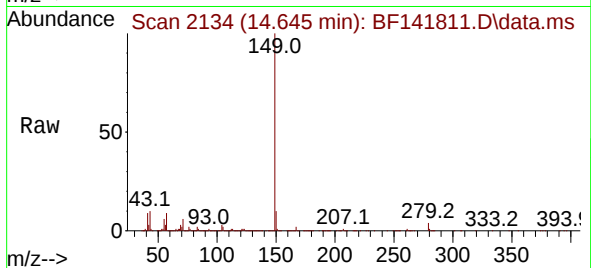
Tgt Ion:149 Resp: 1593758

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 11.0 8.6 12.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.515 min Scan# 2282

Delta R.T. -0.006 min

Lab File: BF141811.D

Acq: 03 Mar 2025 14:16

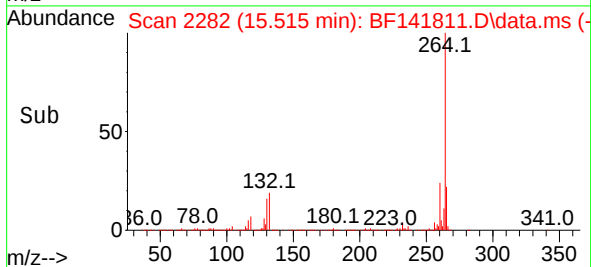
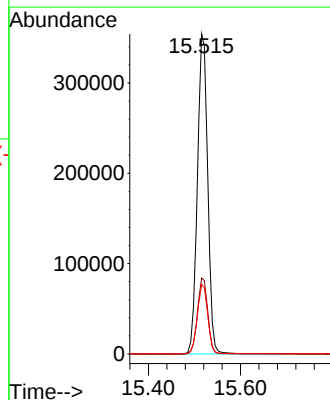
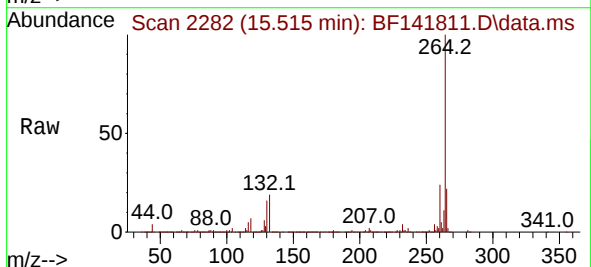
Tgt Ion:264 Resp: 550070

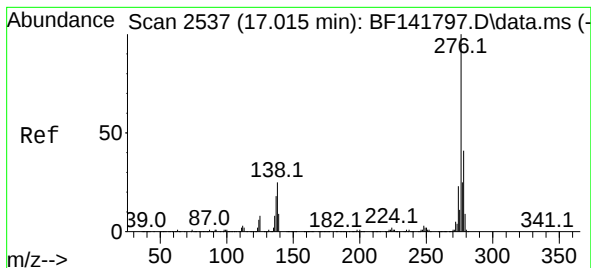
Ion Ratio Lower Upper

264 100

260 23.7 18.9 28.3

265 21.8 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.438 ng

RT: 17.009 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF141811.D

Acq: 03 Mar 2025 14:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

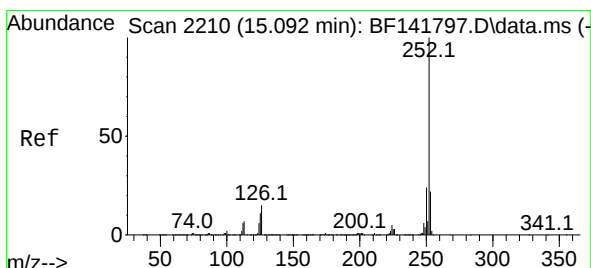
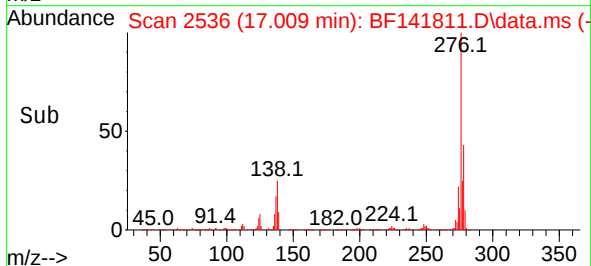
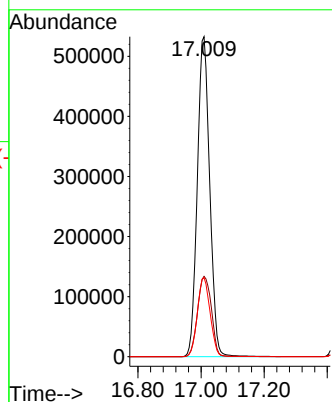
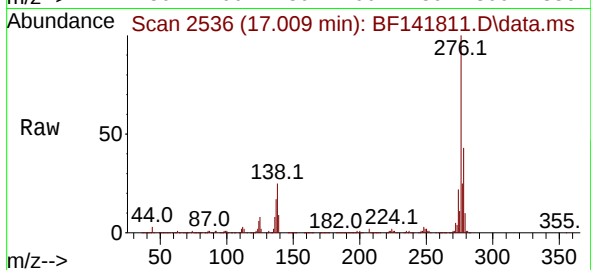
Tgt Ion:276 Resp: 1451423

Ion Ratio Lower Upper

276 100

138 28.1 22.5 33.7

277 25.5 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 41.949 ng

RT: 15.086 min Scan# 2209

Delta R.T. -0.006 min

Lab File: BF141811.D

Acq: 03 Mar 2025 14:16

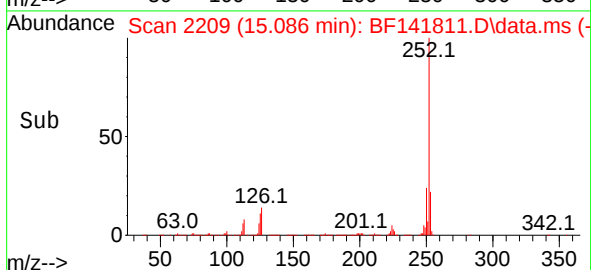
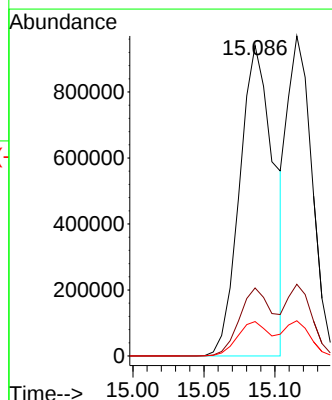
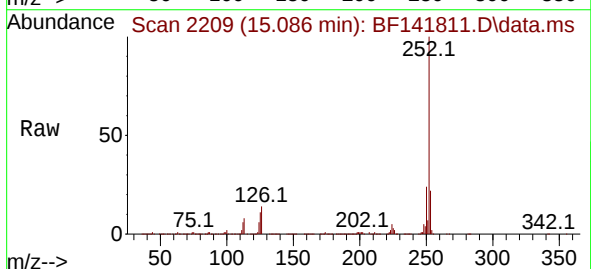
Tgt Ion:252 Resp: 1571815

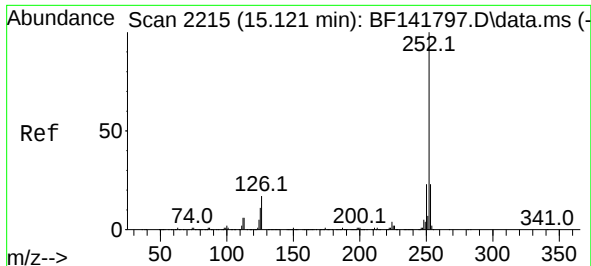
Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 11.1 8.6 13.0





#89

Benzo(k)fluoranthene

Concen: 36.996 ng

RT: 15.115 min Scan# 2215

Delta R.T. -0.006 min

Lab File: BF141811.D

Acq: 03 Mar 2025 14:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

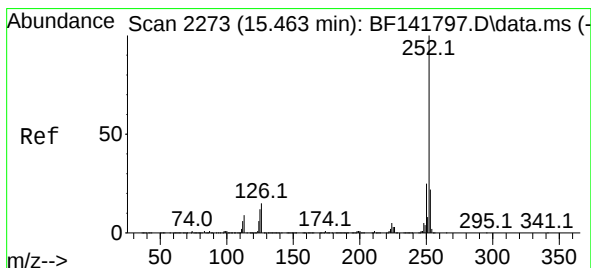
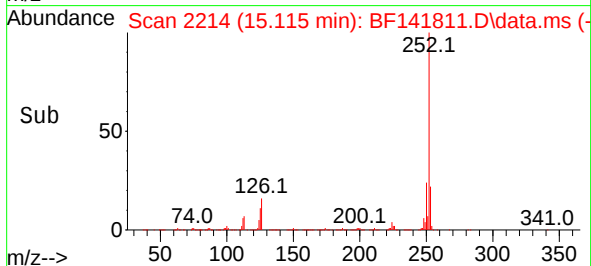
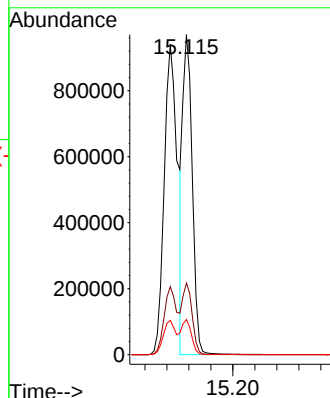
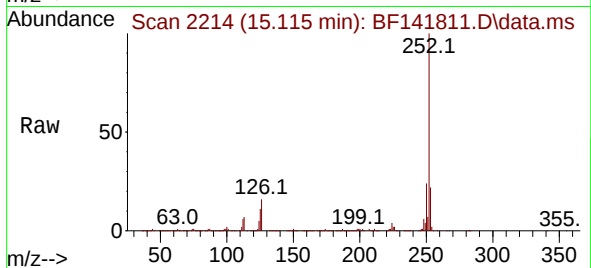
Tgt Ion:252 Resp: 1178221

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

125 11.0 8.8 13.2



#90

Benzo(a)pyrene

Concen: 39.847 ng

RT: 15.457 min Scan# 2272

Delta R.T. -0.006 min

Lab File: BF141811.D

Acq: 03 Mar 2025 14:16

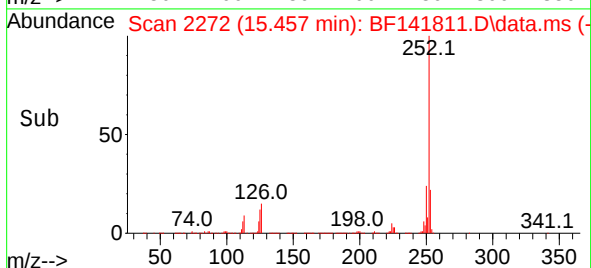
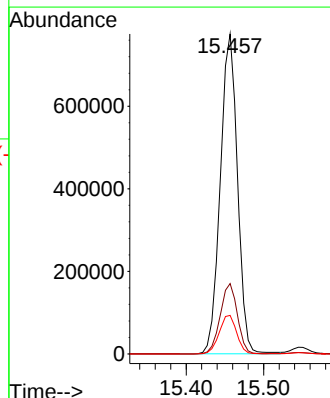
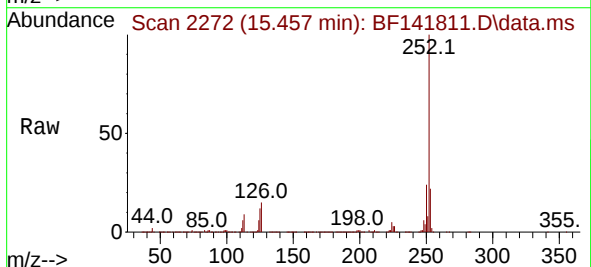
Tgt Ion:252 Resp: 1197380

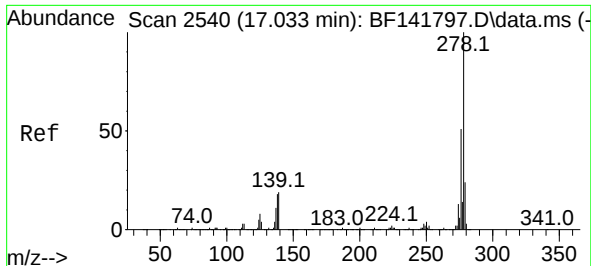
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 12.1 9.4 14.2

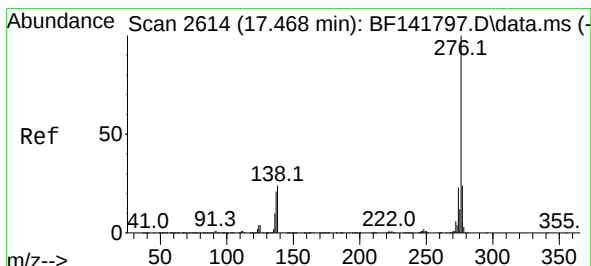
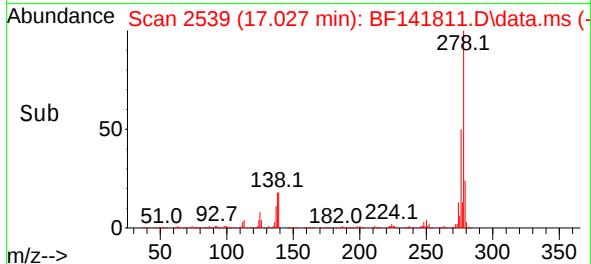
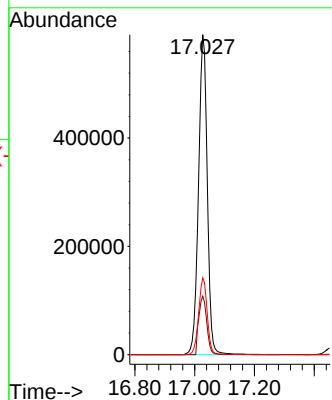
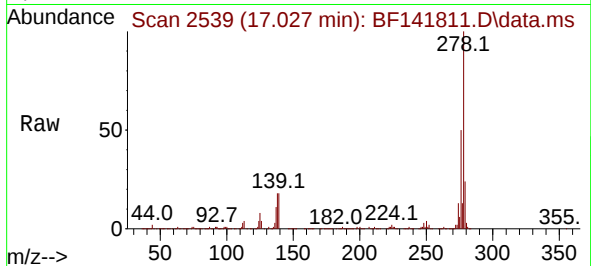




#91
 Dibenzo(a,h)anthracene
 Concen: 42.140 ng
 RT: 17.027 min Scan# 2539
 Delta R.T. -0.006 min
 Lab File: BF141811.D
 Acq: 03 Mar 2025 14:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:278 Resp: 1204833
 Ion Ratio Lower Upper
 278 100
 139 18.3 14.9 22.3
 279 24.0 19.3 28.9



#92
 Benzo(g,h,i)perylene
 Concen: 41.789 ng
 RT: 17.462 min Scan# 2613
 Delta R.T. -0.006 min
 Lab File: BF141811.D
 Acq: 03 Mar 2025 14:16

Tgt Ion:276 Resp: 1224009
 Ion Ratio Lower Upper
 276 100
 277 23.9 19.4 29.0
 138 23.9 19.3 28.9

