

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101823\
 Data File : BF135856.D
 Acq On : 18 Oct 2023 19:52
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 19 01:42:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 01:22:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	91107	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	363289	20.000	ng	0.00
39) Acenaphthene-d10	9.774	164	169658	20.000	ng	-0.01
64) Phenanthrene-d10	11.274	188	334686	20.000	ng	0.00
76) Chrysene-d12	13.939	240	182831	20.000	ng	-0.01
86) Perylene-d12	15.415	264	182395	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	485947	85.754	ng	0.00
7) Phenol-d6	6.398	99	543025	76.801	ng	0.00
23) Nitrobenzene-d5	7.310	82	527660	79.884	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	158625	97.435	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	907354	83.619	ng	0.00
79) Terphenyl-d14	12.868	244	1072946	108.680	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.410	88	133448	48.823	ng	99
3) Pyridine	3.163	79	263018	39.219	ng	94
4) n-Nitrosodimethylamine	3.140	42	148703	41.232	ng	97
6) Aniline	6.410	93	343434	38.597	ng	# 74
8) 2-Chlorophenol	6.534	128	239033	39.116	ng	97
9) Benzaldehyde	6.298	77	156932	38.996	ng	98
10) Phenol	6.410	94	295395	39.872	ng	95
11) bis(2-Chloroethyl)ether	6.481	93	225515	37.778	ng	98
12) 1,3-Dichlorobenzene	6.675	146	247420	39.938	ng	98
13) 1,4-Dichlorobenzene	6.757	146	247318	39.408	ng	99
14) 1,2-Dichlorobenzene	6.910	146	225654	39.933	ng	98
15) Benzyl Alcohol	6.898	79	192650	40.978	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.016	45	405491	37.558	ng	75
17) 2-Methylphenol	7.010	107	207976	39.314	ng	97
18) Hexachloroethane	7.239	117	92394	40.604	ng	95
19) n-Nitroso-di-n-propyla...	7.163	70	172297	39.411	ng	95
20) 3+4-Methylphenols	7.169	107	265506	40.259	ng	96
22) Acetophenone	7.157	105	332134	39.864	ng	98
24) Nitrobenzene	7.333	77	264559	39.907	ng	96
25) Isophorone	7.569	82	488837	39.228	ng	97
26) 2-Nitrophenol	7.645	139	135782	41.970	ng	98
27) 2,4-Dimethylphenol	7.686	122	215132	40.394	ng	98
28) bis(2-Chloroethoxy)met...	7.775	93	294393	39.669	ng	98
29) 2,4-Dichlorophenol	7.892	162	210206	42.117	ng	99
30) 1,2,4-Trichlorobenzene	7.963	180	216107	42.334	ng	98
31) Naphthalene	8.039	128	745509	42.072	ng	99
32) Benzoic acid	7.839	122	105536	29.274	ng	91
33) 4-Chloroaniline	8.104	127	333135	43.038	ng	97
34) Hexachlorobutadiene	8.151	225	133628	44.225	ng	99
35) Caprolactam	8.492	113	71029	41.629	ng	# 86
36) 4-Chloro-3-methylphenol	8.598	107	240156	43.389	ng	98
37) 2-Methylnaphthalene	8.733	142	505139	43.268	ng	100
38) 1-Methylnaphthalene	8.833	142	456268	42.373	ng	99
40) 1,2,4,5-Tetrachloroben...	8.904	216	217361	44.538	ng	100
41) Hexachlorocyclopentadiene	8.880	237	17918	36.477	ng	98
43) 2,4,6-Trichlorophenol	9.022	196	129967	41.326	ng	100

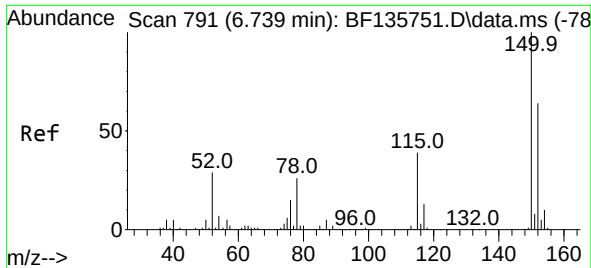
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	147008	40.190	ng	98
46) 1,1'-Biphenyl	9.198	154	546954	42.086	ng	98
47) 2-Chloronaphthalene	9.227	162	393801	42.045	ng	97
48) 2-Nitroaniline	9.339	65	157446	42.587	ng	99
49) Acenaphthylene	9.639	152	646314	41.698	ng	99
50) Dimethylphthalate	9.504	163	472954	41.295	ng	99
51) 2,6-Dinitrotoluene	9.580	165	105377	42.785	ng	98
52) Acenaphthene	9.810	154	387515	41.711	ng	98
53) 3-Nitroaniline	9.757	138	128600	42.594	ng	95
54) 2,4-Dinitrophenol	9.880	184	38376	37.327	ng	# 83
55) Dibenzofuran	9.986	168	604846	43.148	ng	99
56) 4-Nitrophenol	9.951	139	40379	32.678	ng	95
57) 2,4-Dinitrotoluene	9.998	165	139708	44.587	ng	95
58) Fluorene	10.333	166	506510	46.154	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.116	232	115925	41.936	ng	99
60) Diethylphthalate	10.210	149	509050	43.537	ng	98
61) 4-Chlorophenyl-phenyle...	10.322	204	244960	46.184	ng	94
62) 4-Nitroaniline	10.380	138	127645	45.950	ng	98
63) Azobenzene	10.486	77	528689	46.540	ng	96
65) 4,6-Dinitro-2-methylph...	10.410	198	79079	46.949	ng	98
66) n-Nitrosodiphenylamine	10.445	169	471767	46.247	ng	99
67) 4-Bromophenyl-phenylether	10.816	248	159568	47.495	ng	94
68) Hexachlorobenzene	10.880	284	161933	47.342	ng	93
69) Atrazine	10.980	200	126699	45.662	ng	98
70) Pentachlorophenol	11.092	266	48330	35.825	ng	98
71) Phenanthrene	11.298	178	665899	41.533	ng	99
72) Anthracene	11.351	178	700838	42.184	ng	100
73) Carbazole	11.516	167	650895	42.007	ng	100
74) Di-n-butylphthalate	11.839	149	811784	42.671	ng	100
75) Fluoranthene	12.498	202	801276	45.029	ng	98
77) Benzidine	12.627	184	193104	48.403	ng	99
78) Pyrene	12.727	202	805492	55.441	ng	100
80) Butylbenzylphthalate	13.345	149	281217	44.047	ng	99
81) Benzo(a)anthracene	13.927	228	509866	42.457	ng	99
82) 3,3'-Dichlorobenzidine	13.892	252	158454	39.784	ng	# 97
83) Chrysene	13.968	228	475357	40.867	ng	99
84) Bis(2-ethylhexyl)phtha...	13.910	149	336952	38.940	ng	# 96
85) Di-n-octyl phthalate	14.527	149	518003	37.752	ng	98
87) Indeno(1,2,3-cd)pyrene	16.927	276	531368	53.467	ng	98
88) Benzo(b)fluoranthene	14.986	252	406808	39.852	ng	99
89) Benzo(k)fluoranthene	15.015	252	440325	44.430	ng	99
90) Benzo(a)pyrene	15.356	252	383999	40.004	ng	99
91) Dibenzo(a,h)anthracene	16.927	278	443702	54.461	ng	99
92) Benzo(g,h,i)perylene	17.380	276	484665	57.913	ng	96

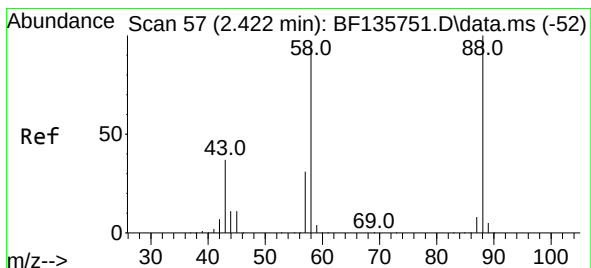
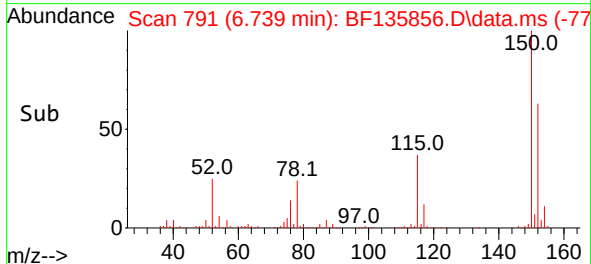
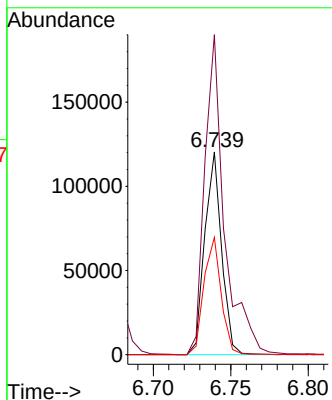
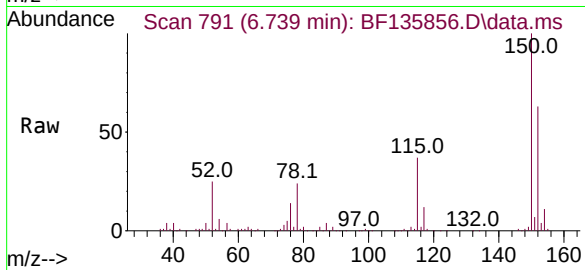
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.739 min Scan# 791
 Delta R.T. -0.007 min
 Lab File: BF135856.D
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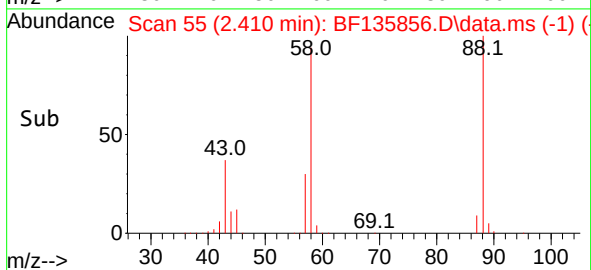
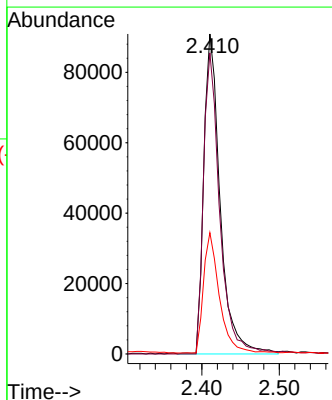
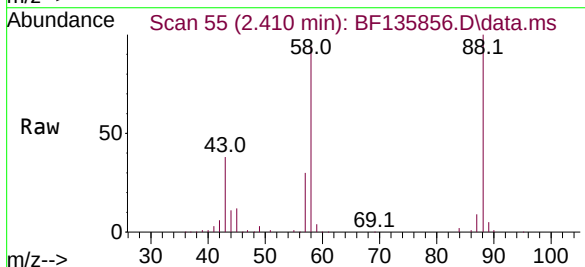
Instrument :
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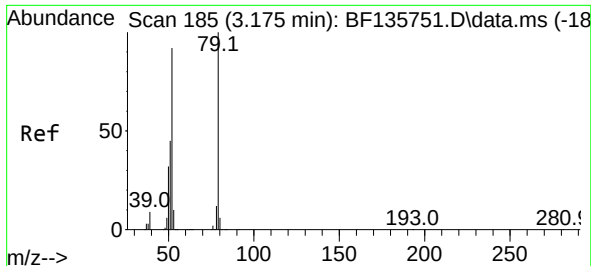
Tgt Ion:152 Resp: 91107
 Ion Ratio Lower Upper
 152 100
 150 157.8 124.5 186.7
 115 57.9 49.0 73.4



#2
 1,4-Dioxane
 Concen: 48.823 ng
 RT: 2.410 min Scan# 55
 Delta R.T. -0.030 min
 Lab File: BF135856.D
 Acq: 18 Oct 2023 19:52

Tgt Ion: 88 Resp: 133448
 Ion Ratio Lower Upper
 88 100
 58 94.2 76.1 114.1
 43 36.4 29.8 44.8





#3

Pyridine

Concen: 39.219 ng

RT: 3.163 min Scan# 11

Delta R.T. -0.024 min

Lab File: BF135856.D

Acq: 18 Oct 2023 19:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

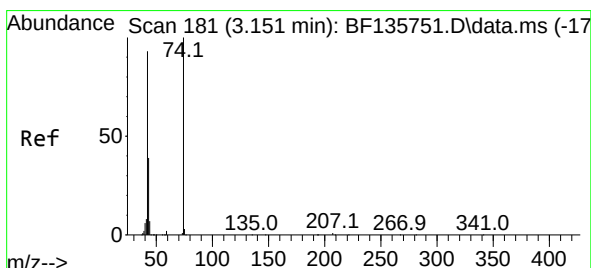
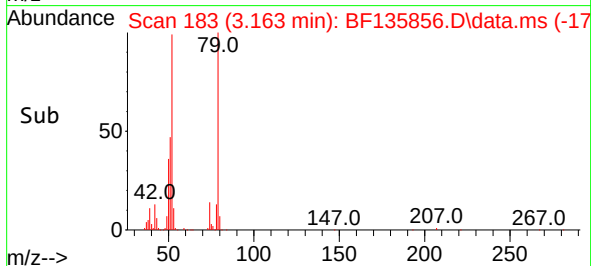
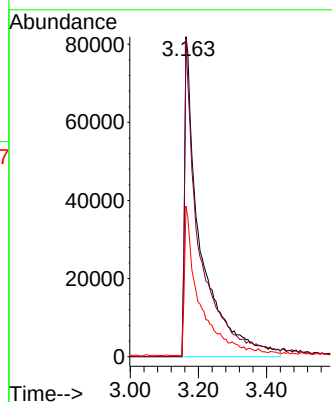
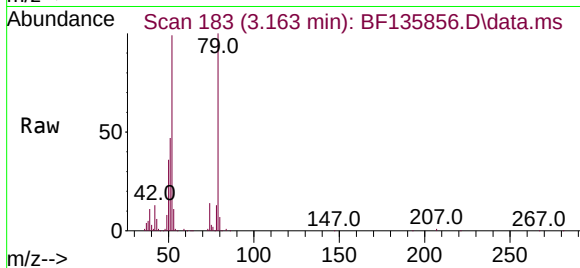
Tgt Ion: 79 Resp: 263018

Ion Ratio Lower Upper

79 100

52 99.5 73.4 110.2

51 47.0 36.5 54.7



#4

n-Nitrosodimethylamine

Concen: 41.232 ng

RT: 3.140 min Scan# 179

Delta R.T. -0.030 min

Lab File: BF135856.D

Acq: 18 Oct 2023 19:52

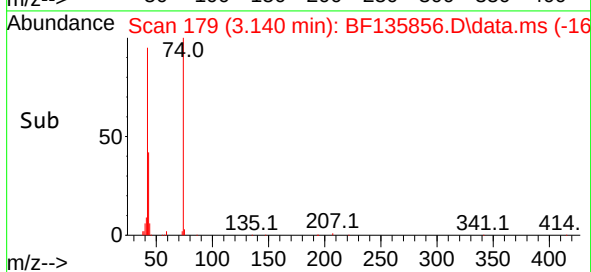
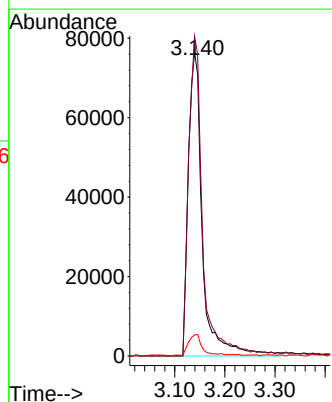
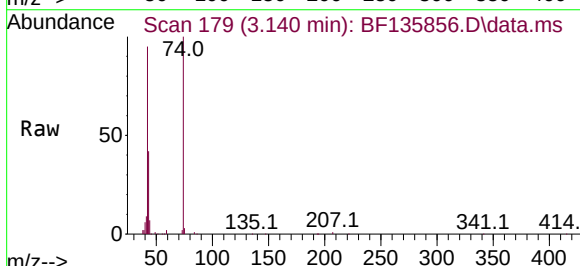
Tgt Ion: 42 Resp: 148703

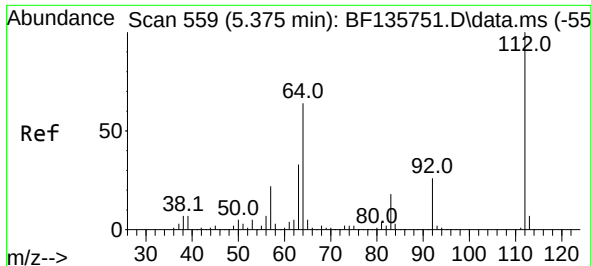
Ion Ratio Lower Upper

42 100

74 105.3 86.5 129.7

44 6.9 5.9 8.9

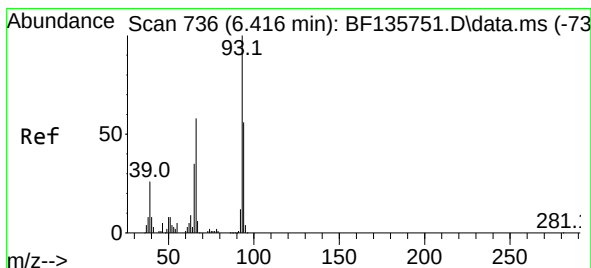
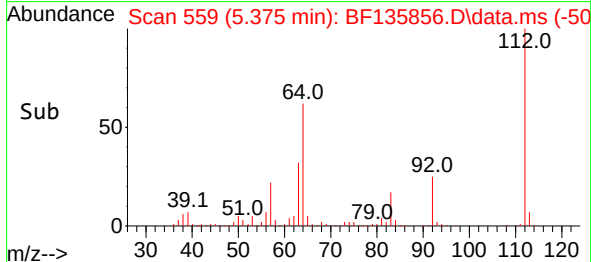
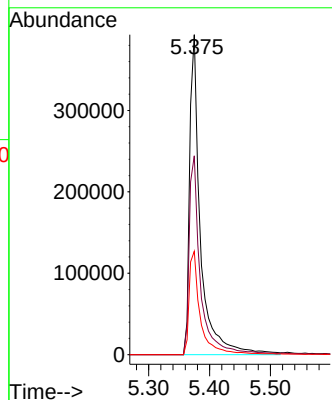
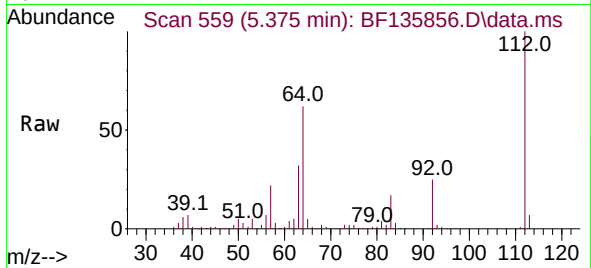




#5
2-Fluorophenol
Concen: 85.754 ng
RT: 5.375 min Scan# 511
Delta R.T. -0.000 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

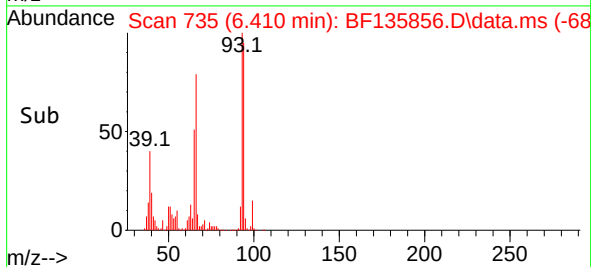
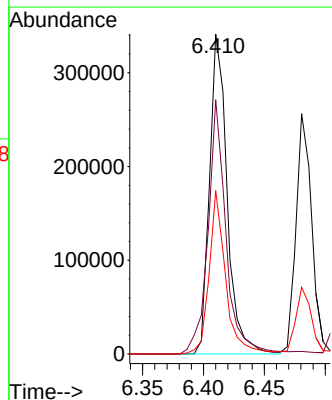
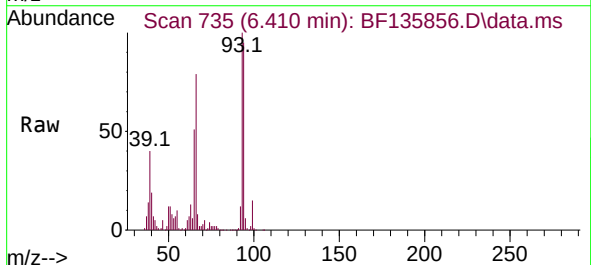
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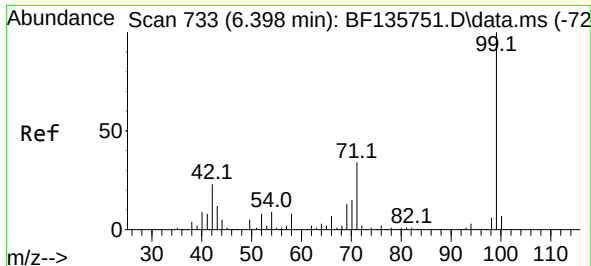
Tgt Ion:112 Resp: 485947
Ion Ratio Lower Upper
112 100
64 62.2 51.2 76.8
63 32.3 26.1 39.1



#6
Aniline
Concen: 38.597 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

Tgt Ion: 93 Resp: 343434
Ion Ratio Lower Upper
93 100
66 79.5 47.6 71.4#
65 51.0 28.5 42.7#





#7

Phenol-d6

Concen: 76.801 ng

RT: 6.398 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF135856.D

Acq: 18 Oct 2023 19:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

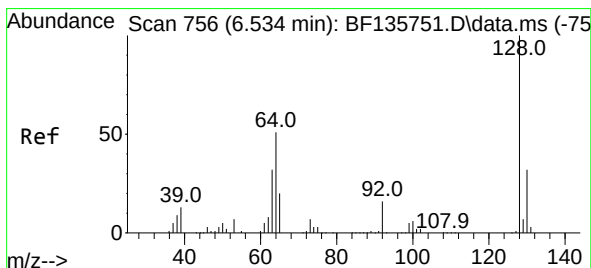
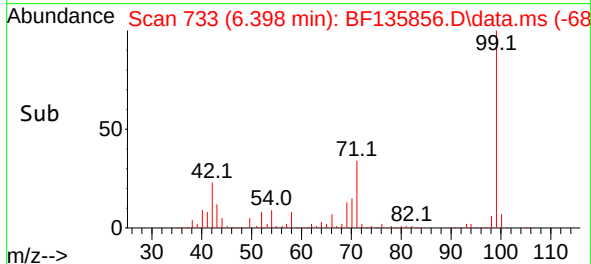
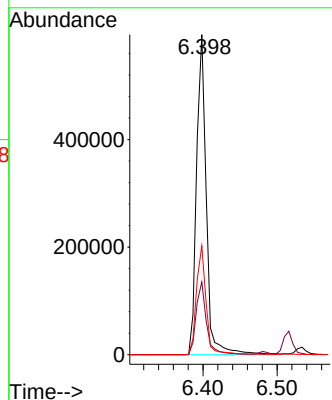
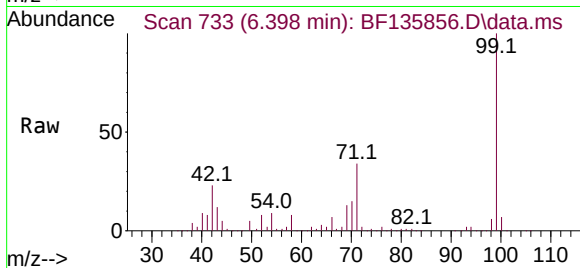
Tgt Ion: 99 Resp: 543025

Ion Ratio Lower Upper

99 100

42 22.8 18.4 27.6

71 34.0 27.2 40.8



#8

2-Chlorophenol

Concen: 39.116 ng

RT: 6.534 min Scan# 756

Delta R.T. -0.000 min

Lab File: BF135856.D

Acq: 18 Oct 2023 19:52

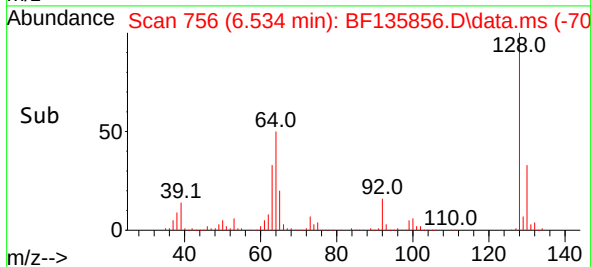
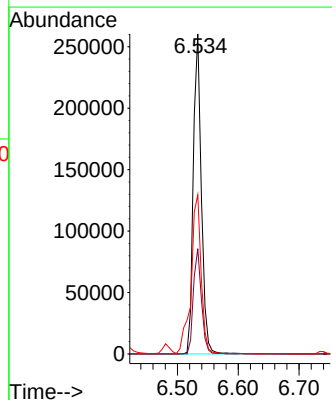
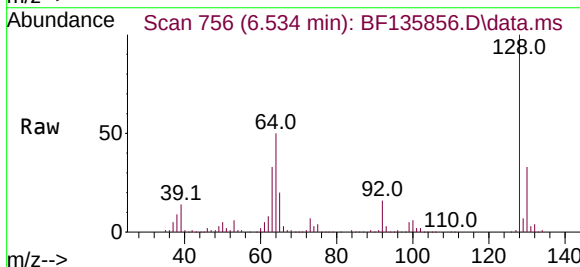
Tgt Ion:128 Resp: 239033

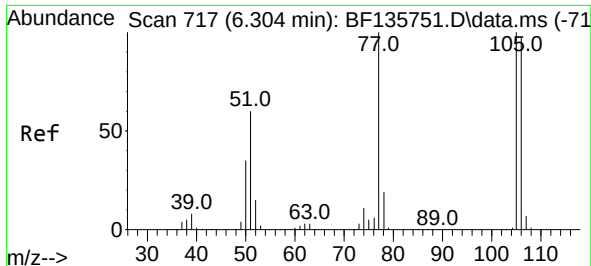
Ion Ratio Lower Upper

128 100

130 32.9 12.4 52.4

64 49.8 32.3 72.3

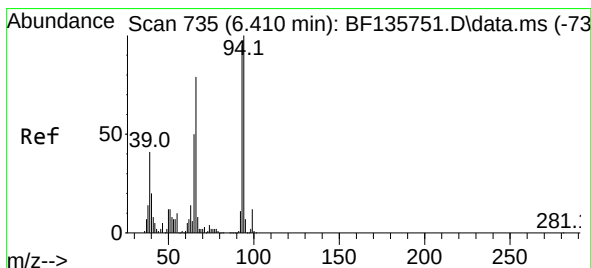
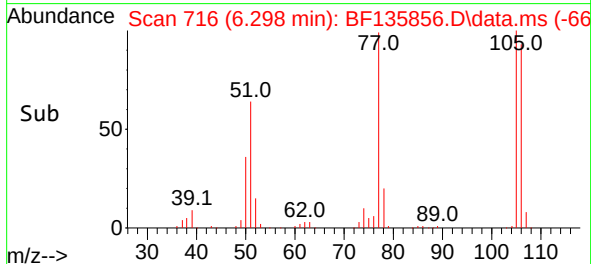
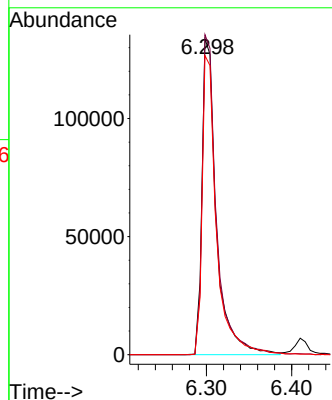
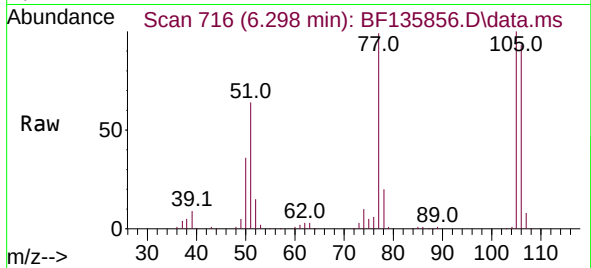




#9
Benzaldehyde
Concen: 38.996 ng
RT: 6.298 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

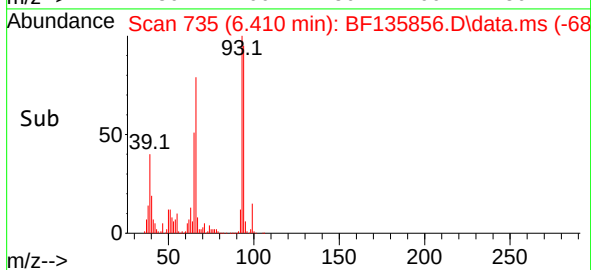
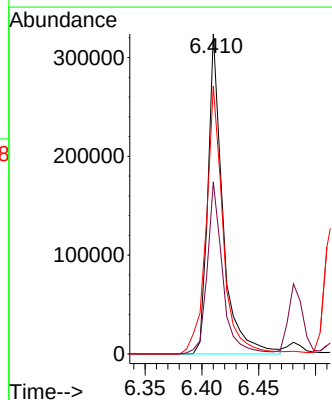
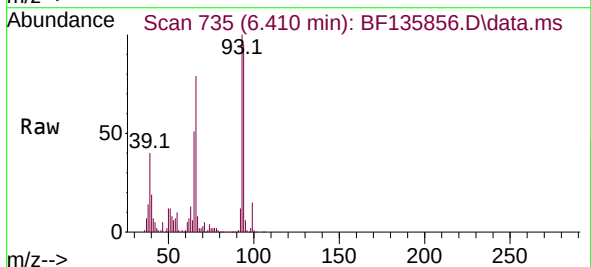
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

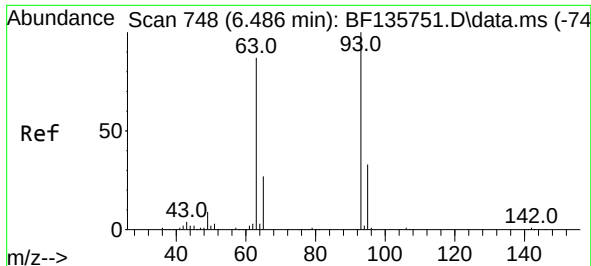
Tgt Ion: 77 Resp: 156932
Ion Ratio Lower Upper
77 100
105 101.3 79.9 119.9
106 94.7 77.1 117.1



#10
Phenol
Concen: 39.872 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

Tgt Ion: 94 Resp: 295395
Ion Ratio Lower Upper
94 100
65 53.8 30.3 70.3
66 83.8 59.1 99.1

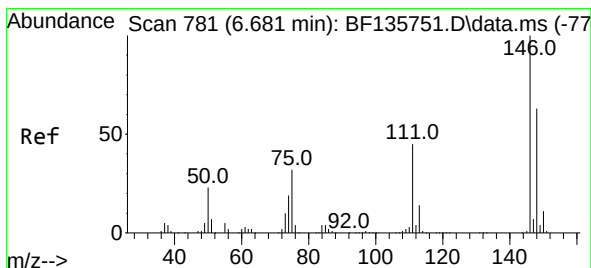
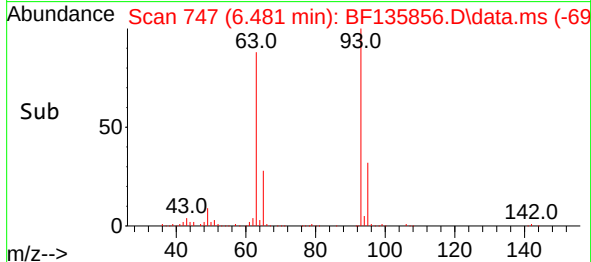
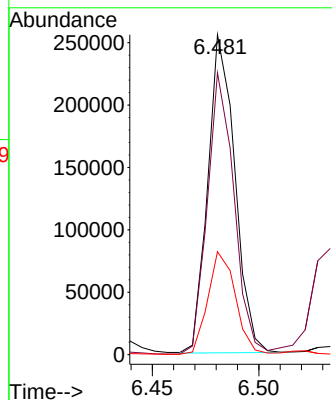
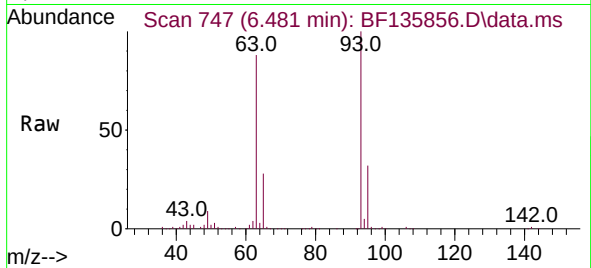




#11
bis(2-Chloroethyl)ether
Concen: 37.778 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

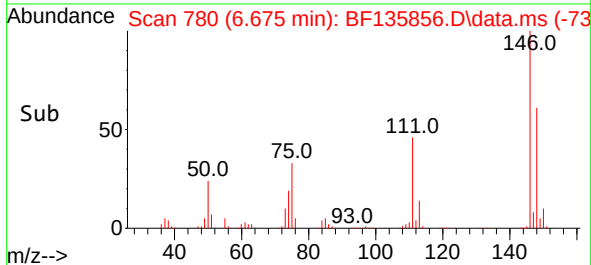
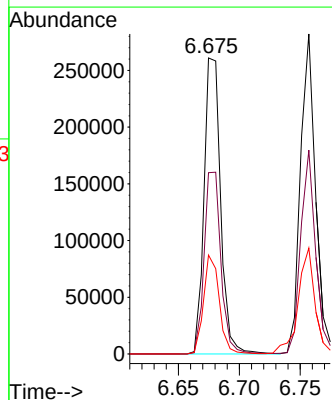
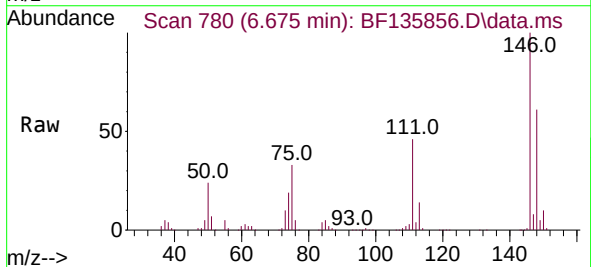
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

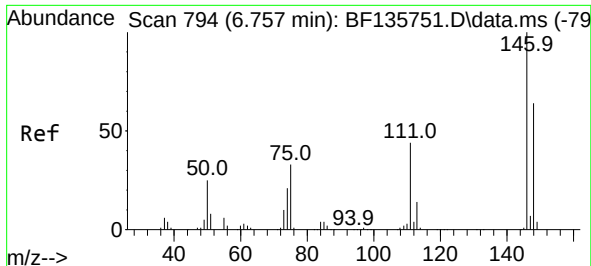
Tgt Ion: 93 Resp: 225515
Ion Ratio Lower Upper
93 100
63 88.1 66.3 106.3
95 32.2 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 39.938 ng
RT: 6.675 min Scan# 780
Delta R.T. -0.006 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

Tgt Ion: 146 Resp: 247420
Ion Ratio Lower Upper
146 100
148 61.3 50.2 75.4
75 33.4 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 39.408 ng

RT: 6.757 min Scan# 794

Delta R.T. -0.000 min

Lab File: BF135856.D

Acq: 18 Oct 2023 19:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

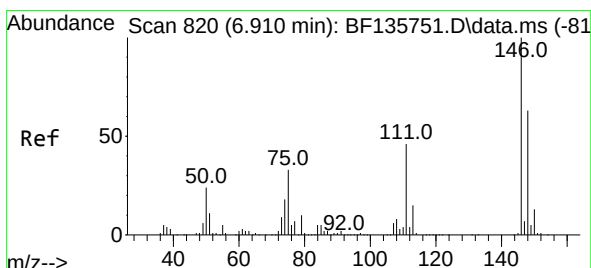
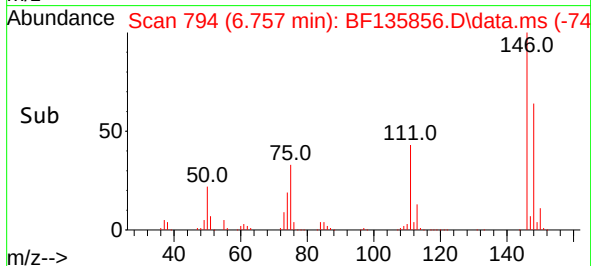
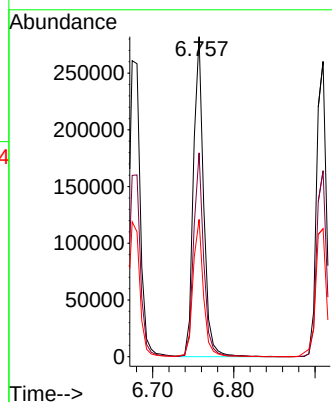
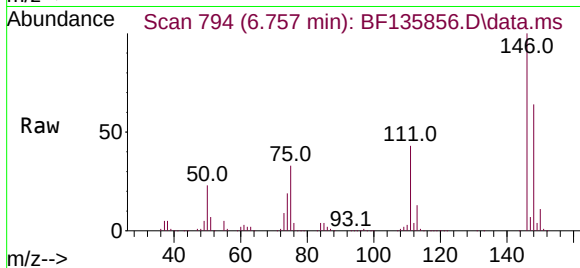
Tgt Ion:146 Resp: 247318

Ion Ratio Lower Upper

146 100

148 63.7 51.0 76.6

111 42.9 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 39.933 ng

RT: 6.910 min Scan# 820

Delta R.T. -0.000 min

Lab File: BF135856.D

Acq: 18 Oct 2023 19:52

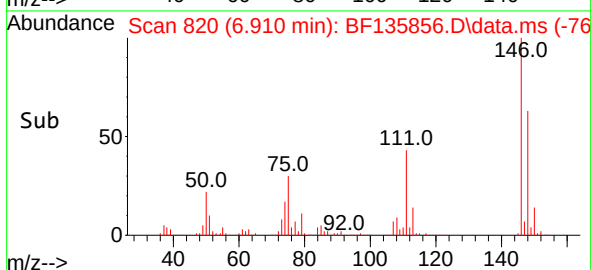
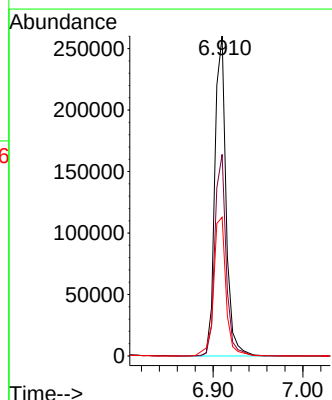
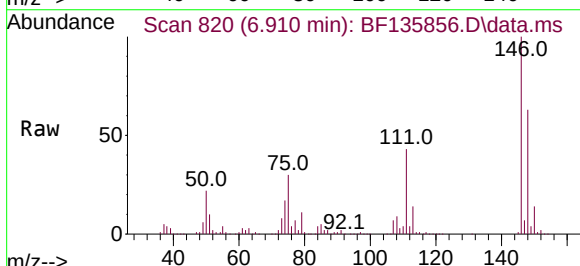
Tgt Ion:146 Resp: 225654

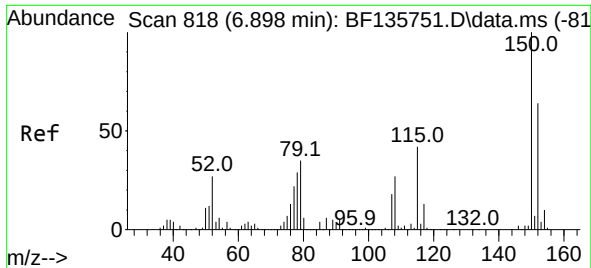
Ion Ratio Lower Upper

146 100

148 63.0 50.2 75.2

111 43.4 37.1 55.7

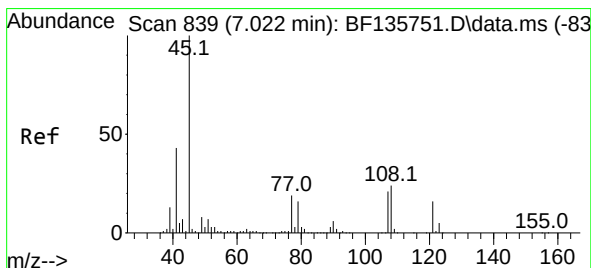
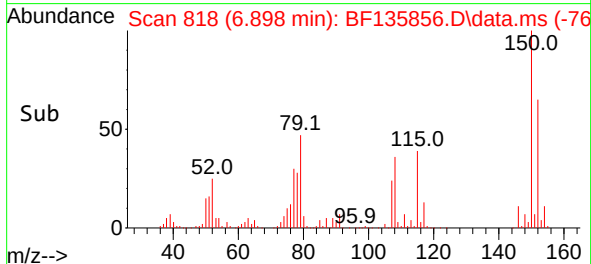
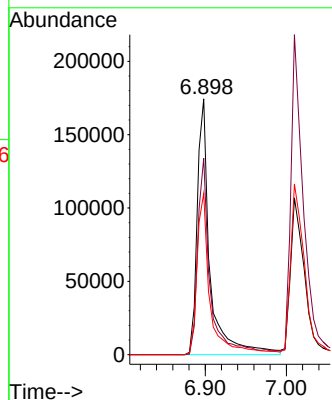
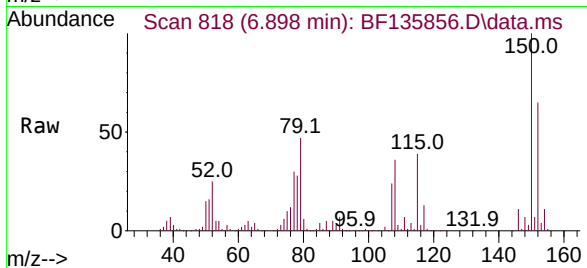




#15
Benzyl Alcohol
Concen: 40.978 ng
RT: 6.898 min Scan# 818
Delta R.T. -0.000 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

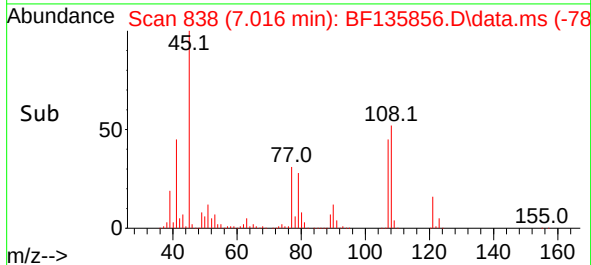
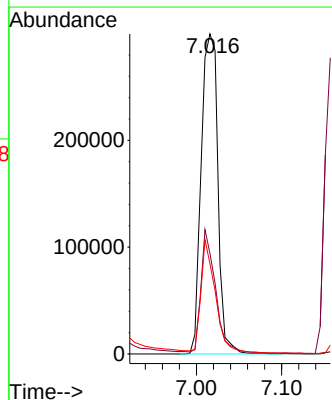
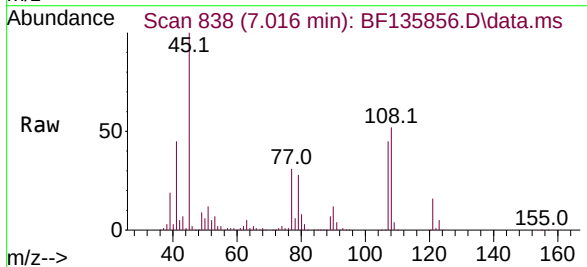
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

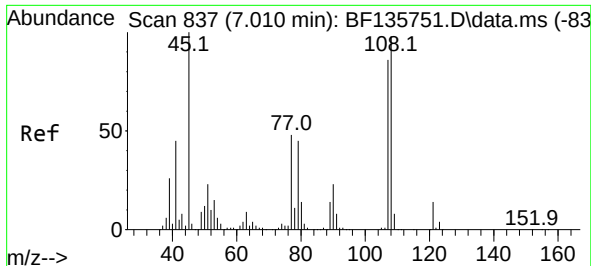
Tgt Ion: 79 Resp: 192650
Ion Ratio Lower Upper
79 100
108 76.8 62.0 93.0
77 63.0 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.558 ng
RT: 7.016 min Scan# 838
Delta R.T. -0.006 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

Tgt Ion: 45 Resp: 405491
Ion Ratio Lower Upper
45 100
77 31.4 0.0 39.8
79 28.1 0.0 37.6



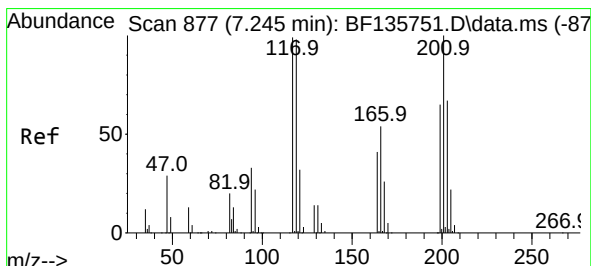
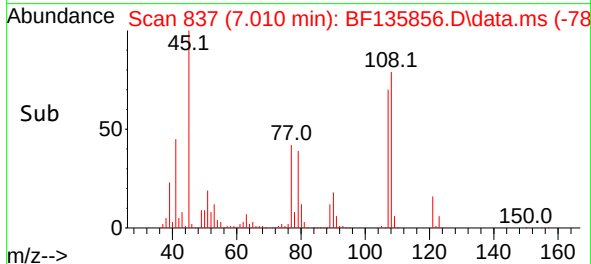
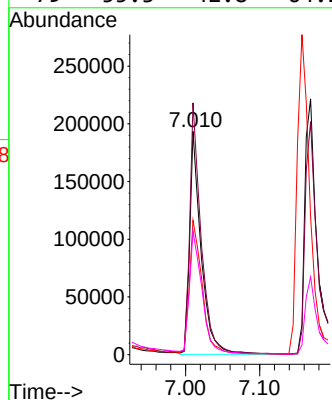
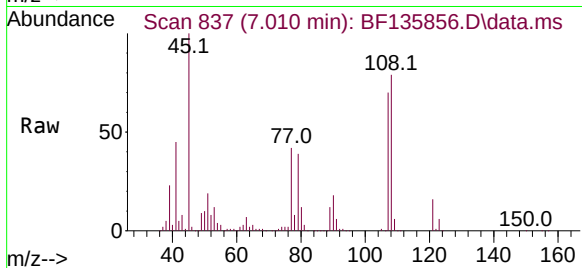


#17
2-Methylphenol
Concen: 39.314 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 207976

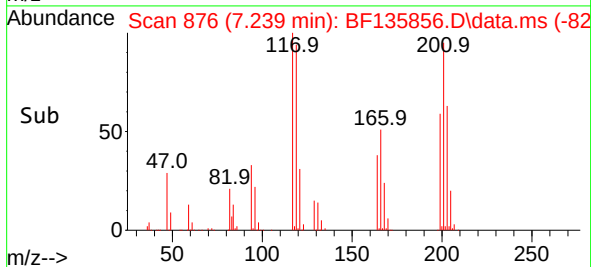
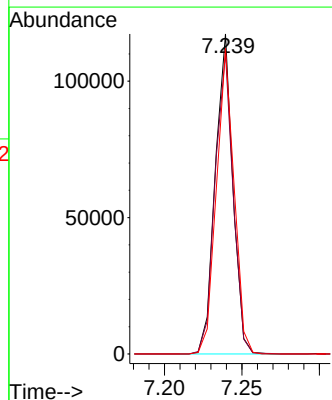
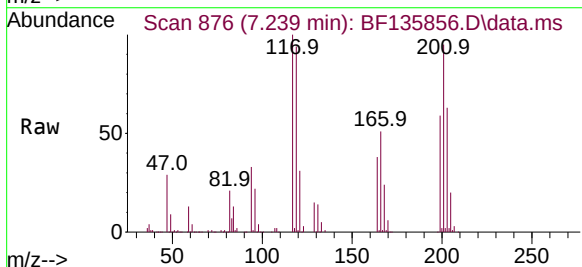
Ion	Ratio	Lower	Upper
107	100		
108	112.8	91.8	137.6
77	60.1	45.4	68.0
79	55.3	42.8	64.2

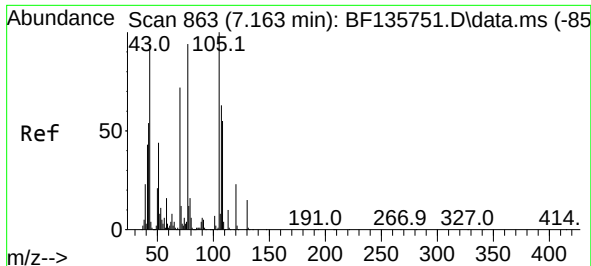


#18
Hexachloroethane
Concen: 40.604 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

Tgt Ion:117 Resp: 92394

Ion	Ratio	Lower	Upper
117	100		
119	94.0	79.5	119.3
201	95.4	80.9	121.3



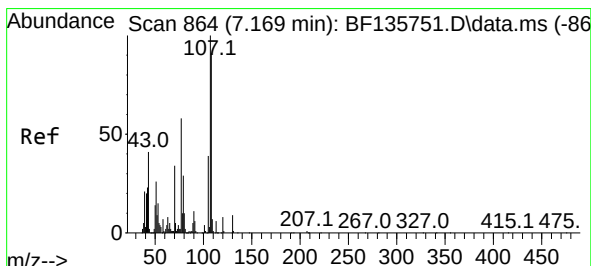
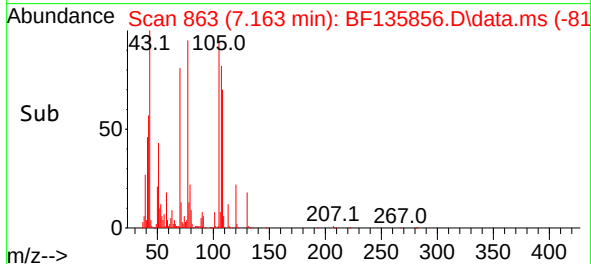
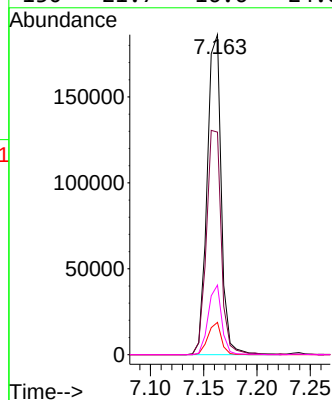
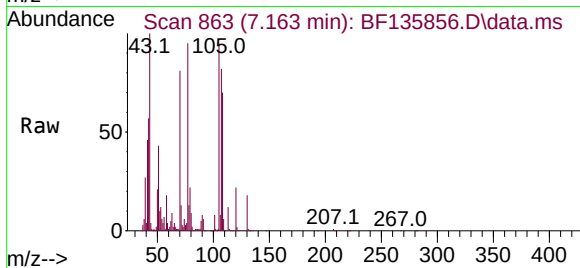


#19
n-Nitroso-di-n-propylamine
Concen: 39.411 ng
RT: 7.163 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 172297

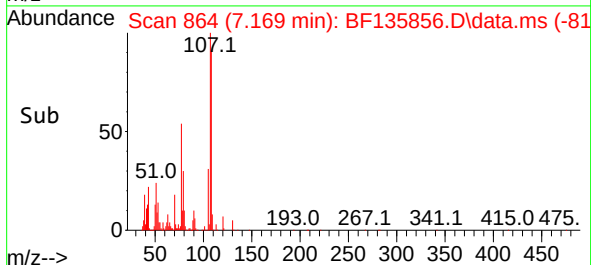
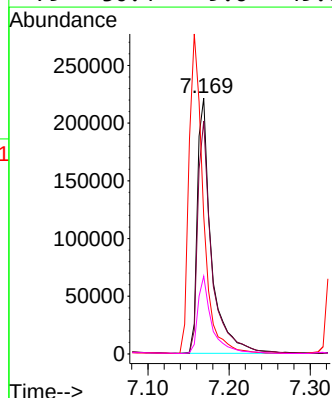
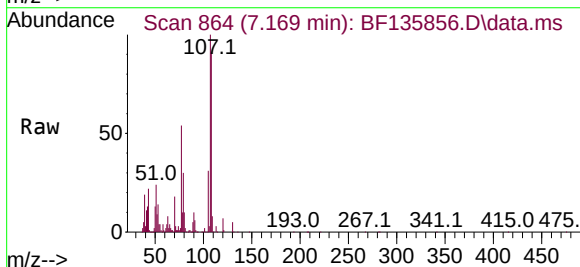
Ion	Ratio	Lower	Upper
70	100		
42	69.6	59.8	89.6
101	10.1	7.4	11.2
130	21.7	16.6	24.8

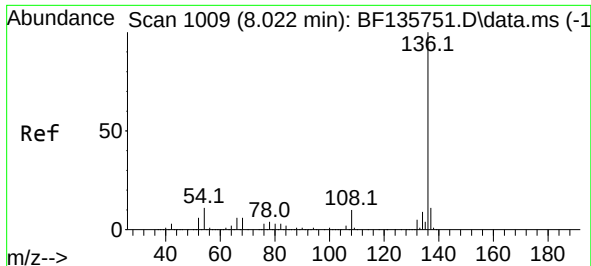


#20
3+4-Methylphenols
Concen: 40.259 ng
RT: 7.169 min Scan# 864
Delta R.T. -0.000 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

Tgt Ion: 107 Resp: 265506

Ion	Ratio	Lower	Upper
107	100		
108	91.0	71.1	111.1
77	53.9	42.0	82.0
79	30.4	9.6	49.6



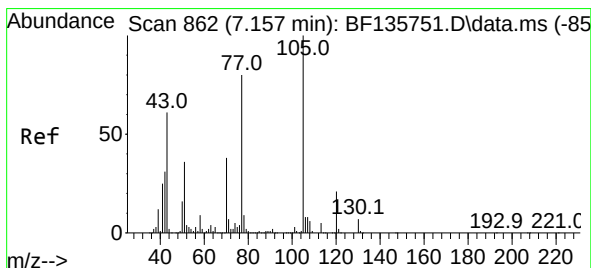
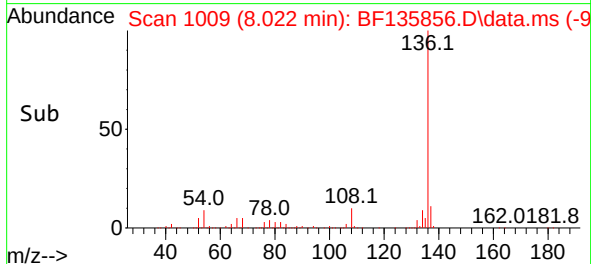
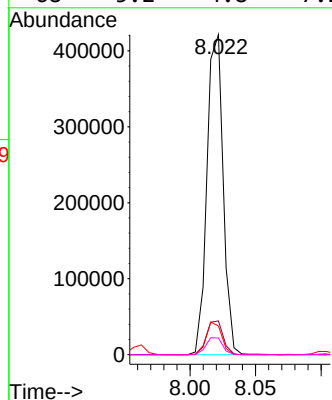
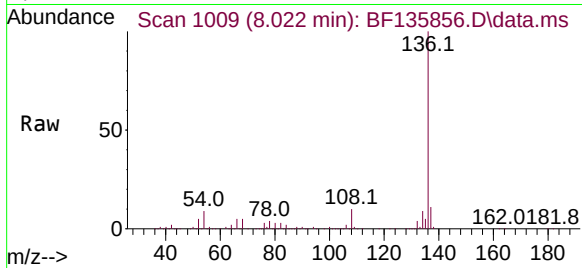


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 363289

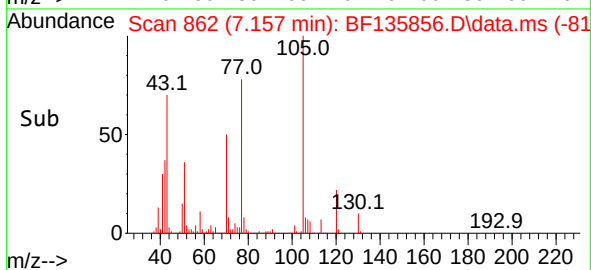
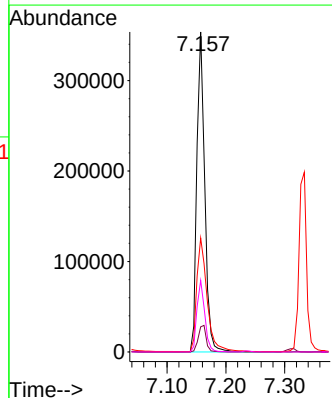
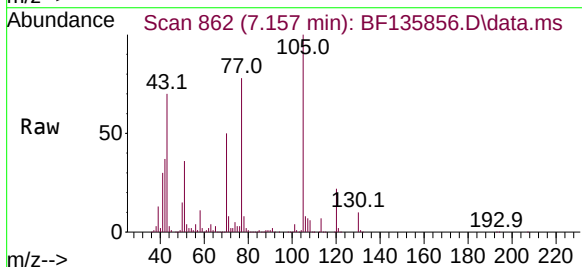
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	12.8
54	9.0	8.5	12.7
68	5.2	4.8	7.2

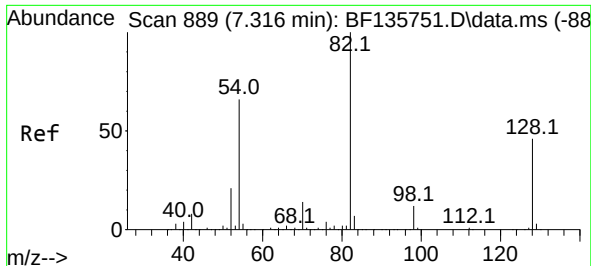


#22
Acetophenone
Concen: 39.864 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.000 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

Tgt Ion:105 Resp: 332134

Ion	Ratio	Lower	Upper
105	100		
71	7.9	5.4	8.0
51	35.6	29.4	44.0
120	22.4	16.9	25.3





#23

Nitrobenzene-d5

Concen: 79.884 ng

RT: 7.310 min Scan# 889

Delta R.T. -0.006 min

Lab File: BF135856.D

Acq: 18 Oct 2023 19:52

Instrument :

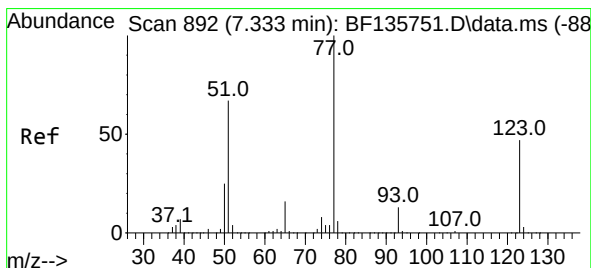
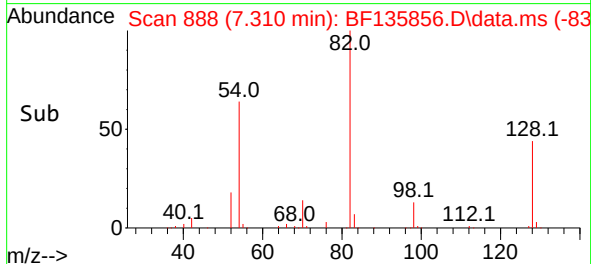
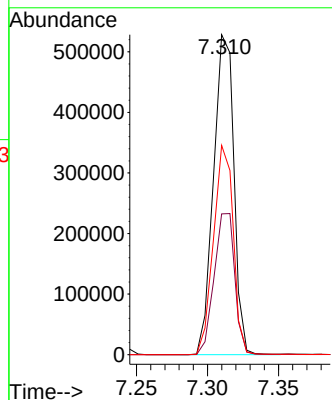
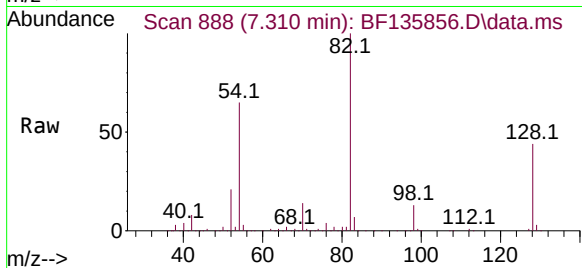
BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 527660

Ion	Ratio	Lower	Upper
82	100		
128	44.0	37.0	55.6
54	65.4	52.8	79.2



#24

Nitrobenzene

Concen: 39.907 ng

RT: 7.333 min Scan# 892

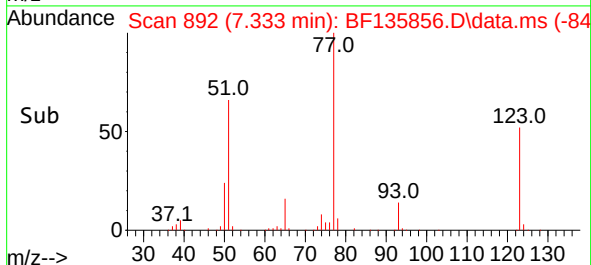
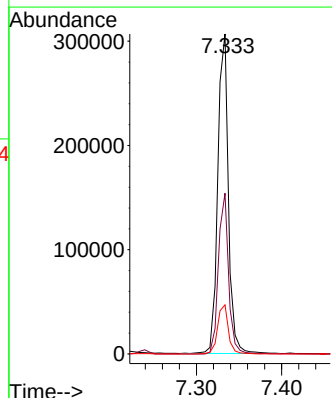
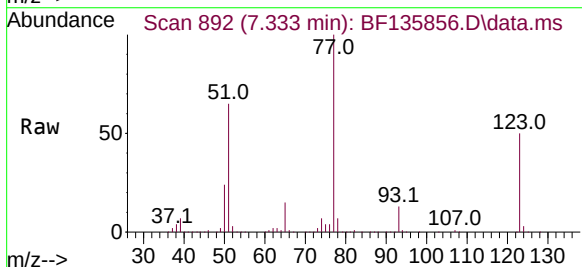
Delta R.T. -0.000 min

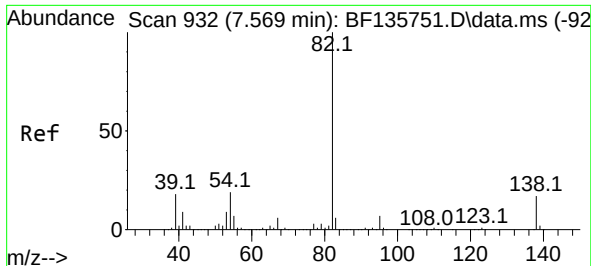
Lab File: BF135856.D

Acq: 18 Oct 2023 19:52

Tgt Ion: 77 Resp: 264559

Ion	Ratio	Lower	Upper
77	100		
123	50.2	37.3	55.9
65	15.4	12.6	18.8

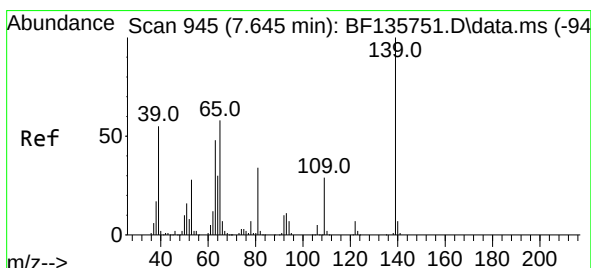
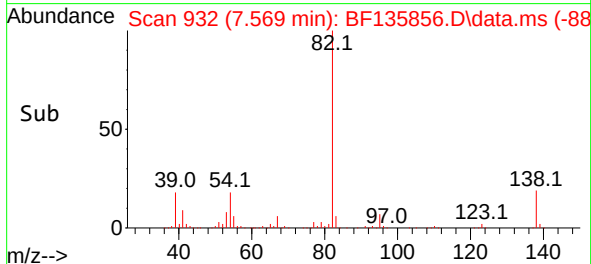
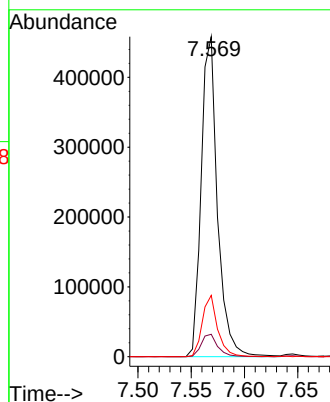
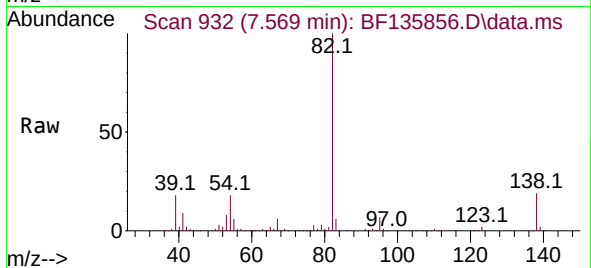




#25
Isophorone
Concen: 39.228 ng
RT: 7.569 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

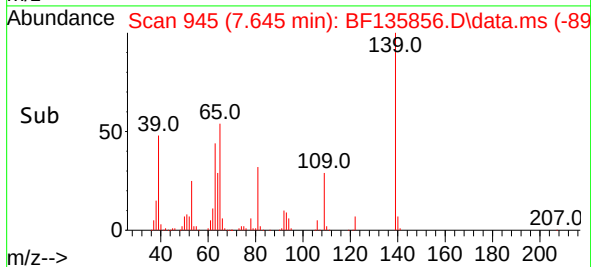
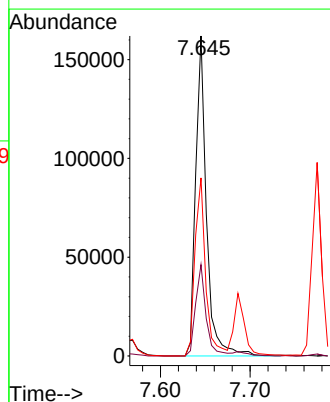
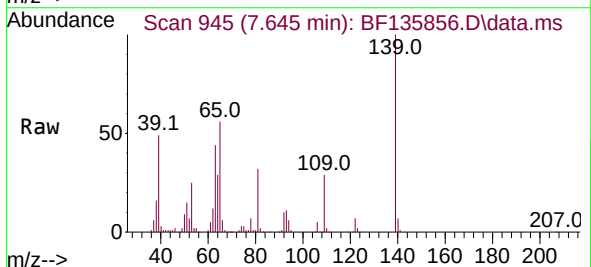
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

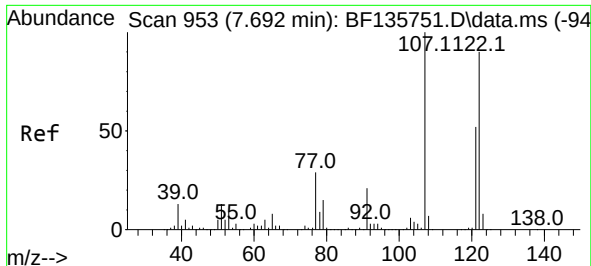
Tgt Ion: 82 Resp: 488837
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 19.1 13.9 20.9



#26
2-Nitrophenol
Concen: 41.970 ng
RT: 7.645 min Scan# 945
Delta R.T. -0.000 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

Tgt Ion:139 Resp: 135782
Ion Ratio Lower Upper
139 100
109 28.6 23.0 34.4
65 55.6 46.0 69.0





#27

2,4-Dimethylphenol

Concen: 40.394 ng

RT: 7.686 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF135856.D

Acq: 18 Oct 2023 19:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

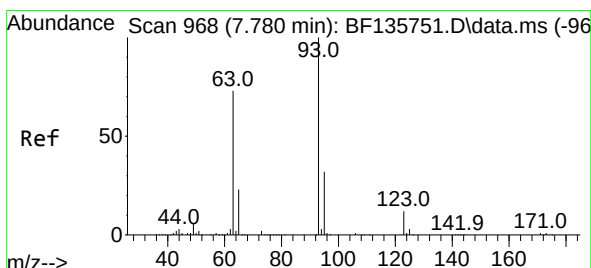
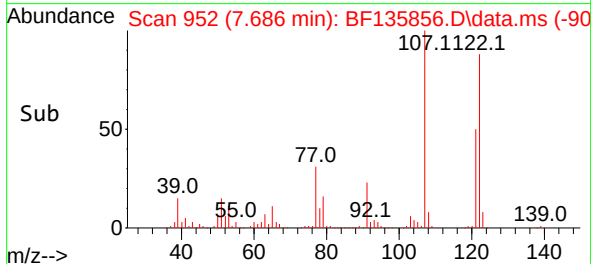
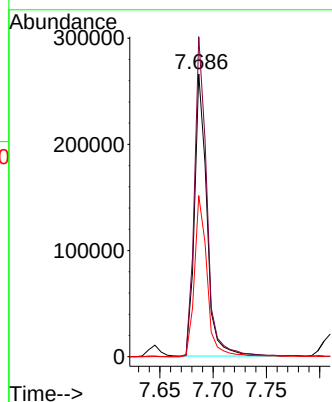
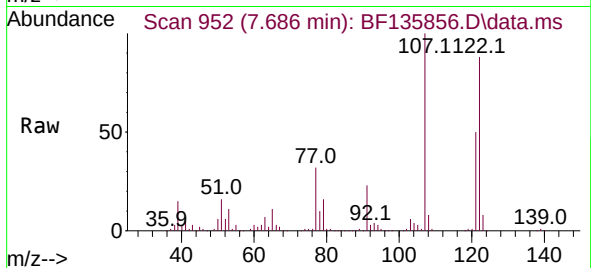
Tgt Ion:122 Resp: 215132

Ion Ratio Lower Upper

122 100

107 113.2 88.2 132.4

121 57.0 45.5 68.3



#28

bis(2-Chloroethoxy)methane

Concen: 39.669 ng

RT: 7.775 min Scan# 967

Delta R.T. -0.006 min

Lab File: BF135856.D

Acq: 18 Oct 2023 19:52

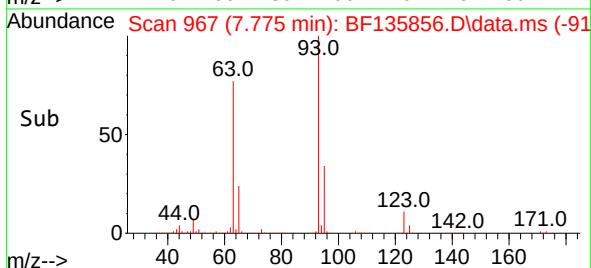
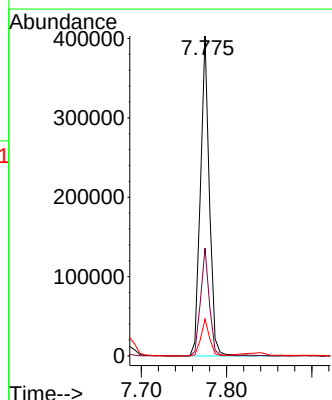
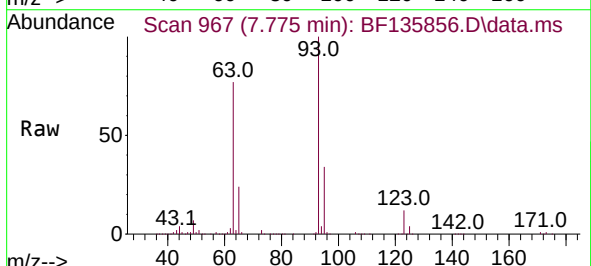
Tgt Ion: 93 Resp: 294393

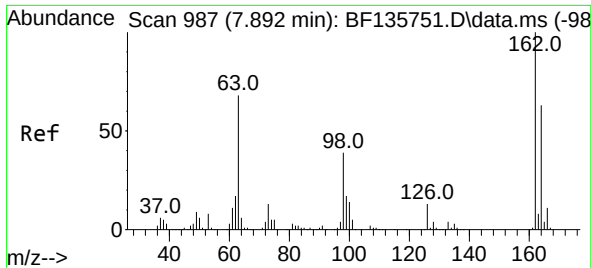
Ion Ratio Lower Upper

93 100

95 33.7 25.7 38.5

123 11.5 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 42.117 ng

RT: 7.892 min Scan# 987

Delta R.T. -0.000 min

Lab File: BF135856.D

Acq: 18 Oct 2023 19:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

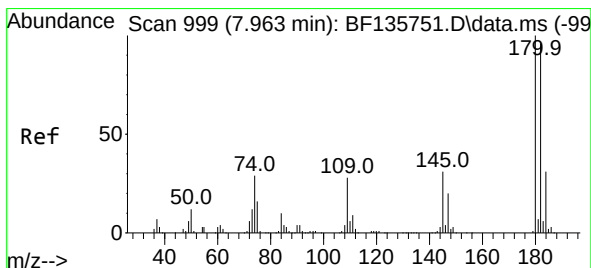
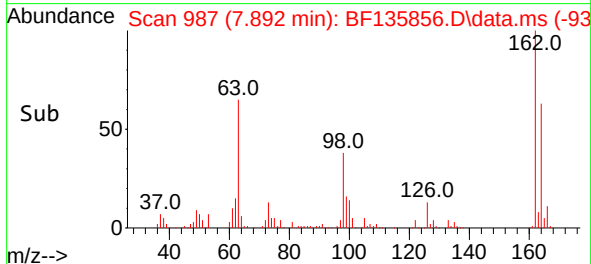
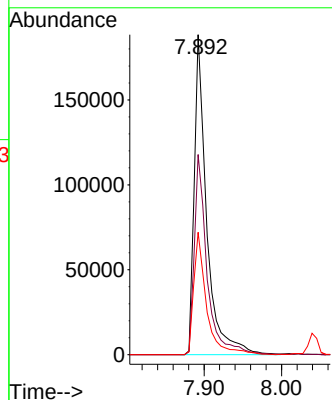
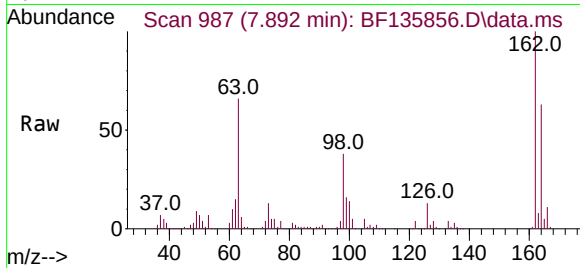
Tgt Ion:162 Resp: 210206

Ion Ratio Lower Upper

162 100

164 62.6 43.4 83.4

98 38.3 19.0 59.0



#30

1,2,4-Trichlorobenzene

Concen: 42.334 ng

RT: 7.963 min Scan# 999

Delta R.T. -0.006 min

Lab File: BF135856.D

Acq: 18 Oct 2023 19:52

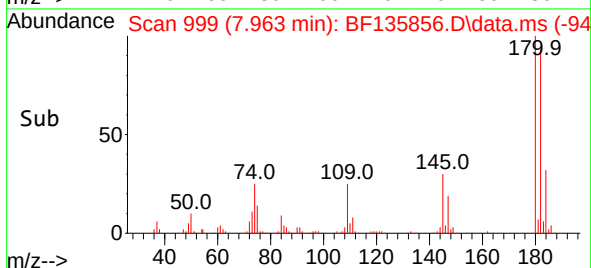
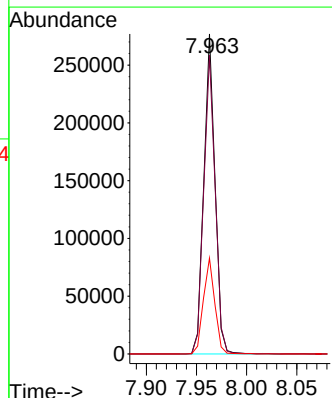
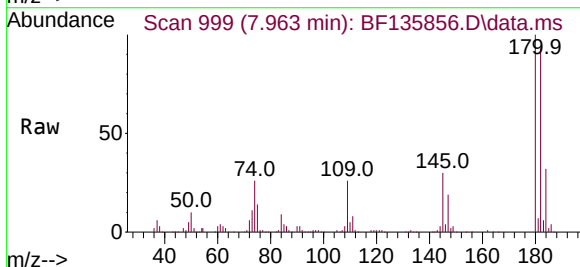
Tgt Ion:180 Resp: 216107

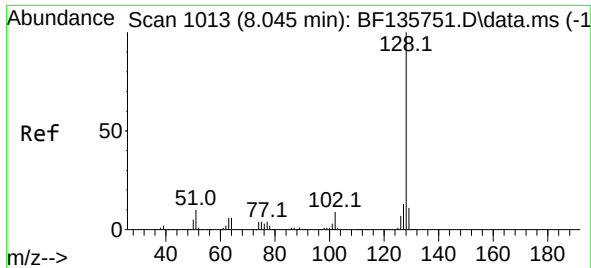
Ion Ratio Lower Upper

180 100

182 93.3 76.4 114.6

145 29.9 25.0 37.6

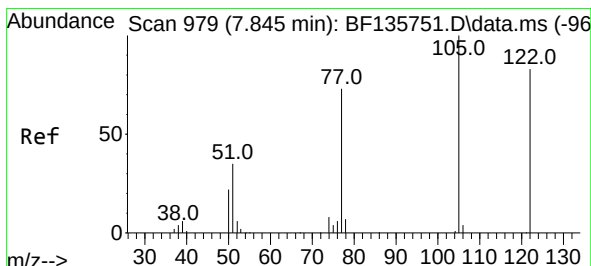
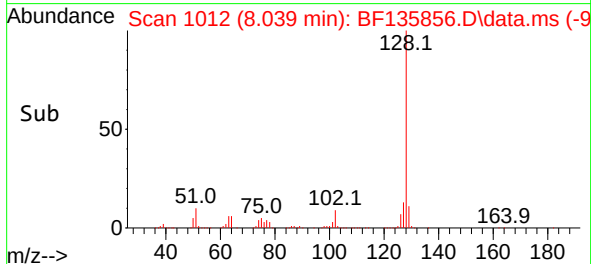
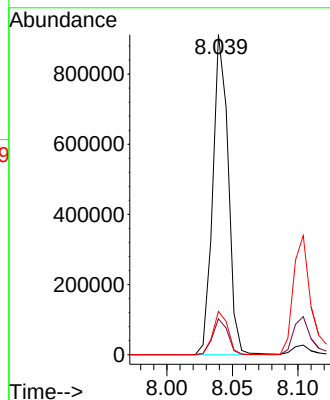
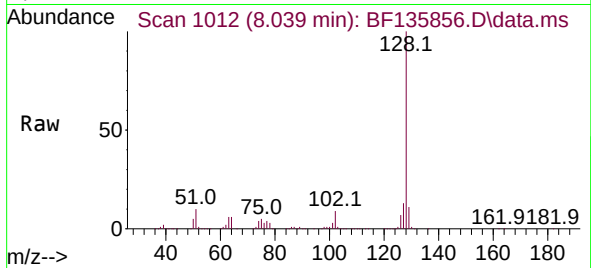




#31
Naphthalene
Concen: 42.072 ng
RT: 8.039 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

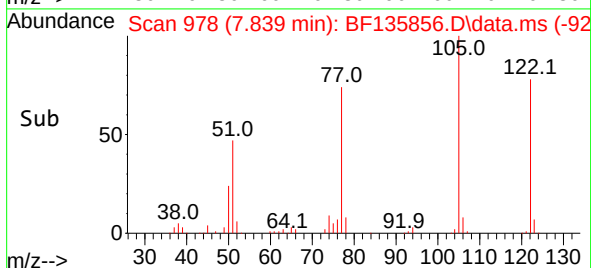
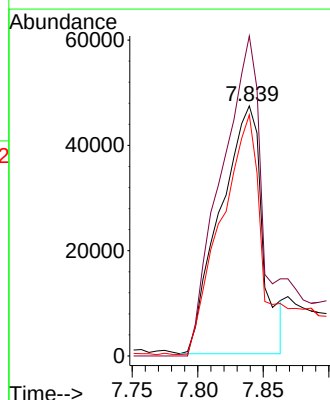
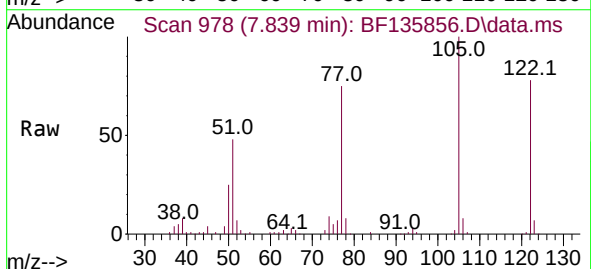
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

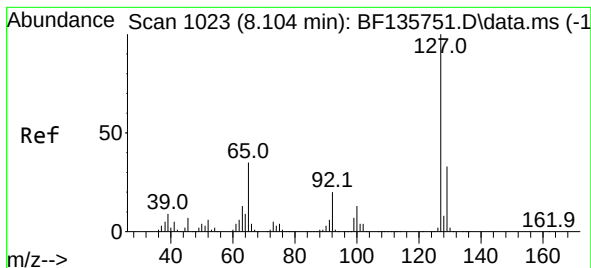
Tgt Ion:128 Resp: 745509
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.5 10.2 15.4



#32
Benzoic acid
Concen: 29.274 ng
RT: 7.839 min Scan# 978
Delta R.T. -0.012 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

Tgt Ion:122 Resp: 105536
Ion Ratio Lower Upper
122 100
105 127.9 98.7 138.7
77 96.4 67.8 107.8





#33

4-Chloroaniline

Concen: 43.038 ng

RT: 8.104 min Scan# 1023

Delta R.T. -0.000 min

Lab File: BF135856.D

Acq: 18 Oct 2023 19:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 333135

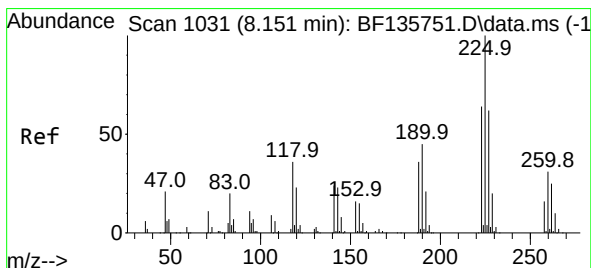
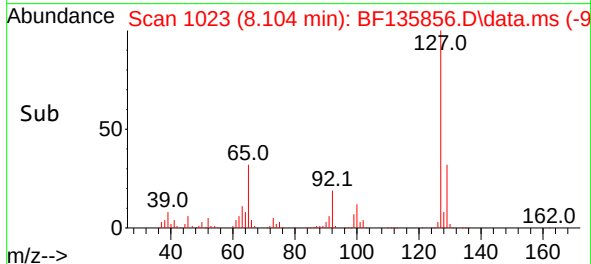
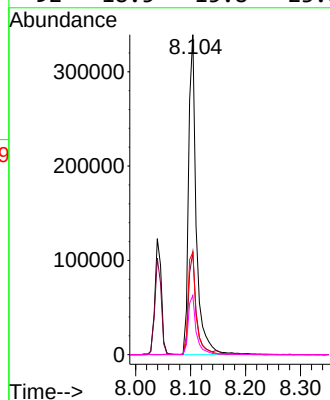
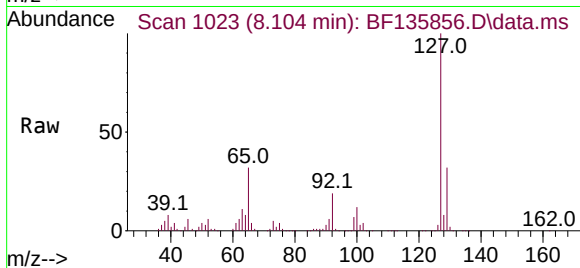
Ion Ratio Lower Upper

127 100

129 32.0 26.5 39.7

65 32.0 27.9 41.9

92 18.5 15.8 23.8



#34

Hexachlorobutadiene

Concen: 44.225 ng

RT: 8.151 min Scan# 1031

Delta R.T. -0.006 min

Lab File: BF135856.D

Acq: 18 Oct 2023 19:52

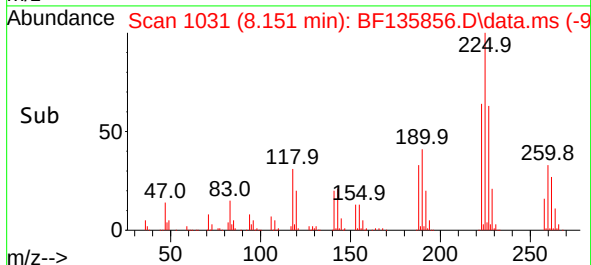
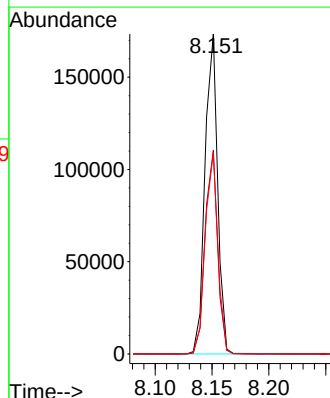
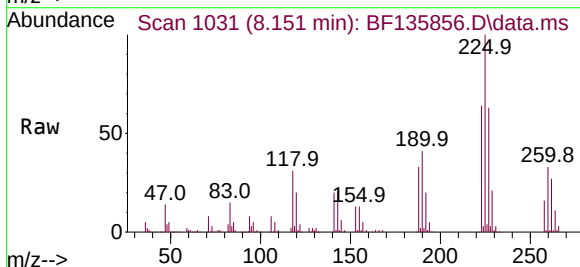
Tgt Ion:225 Resp: 133628

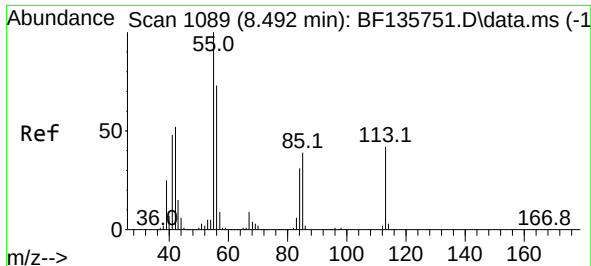
Ion Ratio Lower Upper

225 100

223 63.6 51.1 76.7

227 63.0 49.7 74.5

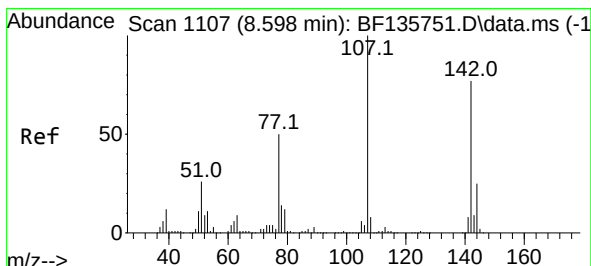
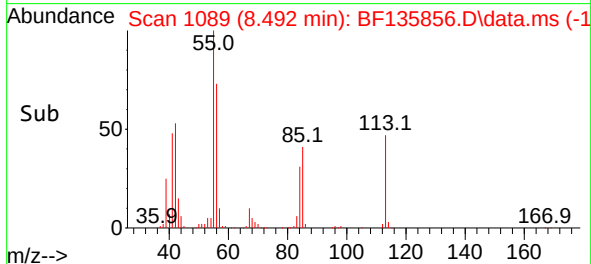
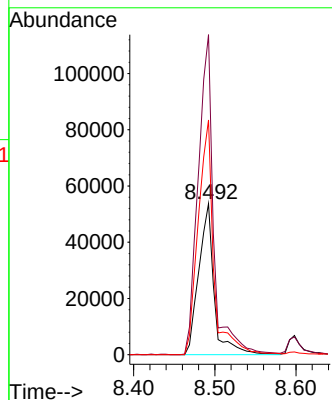
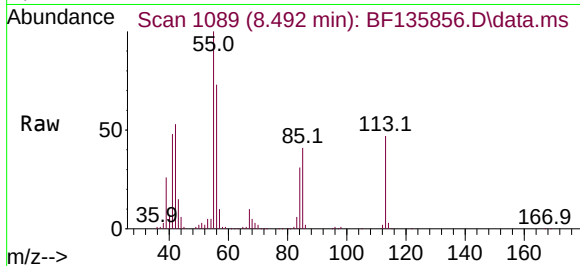




#35
 Caprolactam
 Concen: 41.629 ng
 RT: 8.492 min Scan# 1089
 Delta R.T. -0.006 min
 Lab File: BF135856.D
 Acq: 18 Oct 2023 19:52

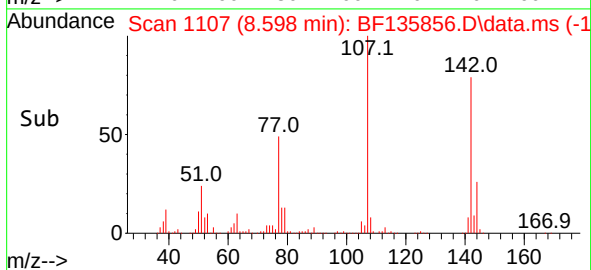
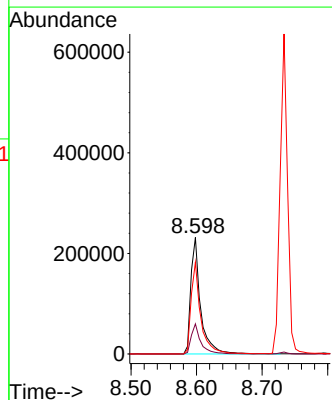
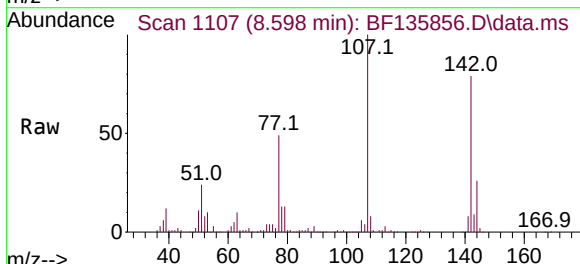
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

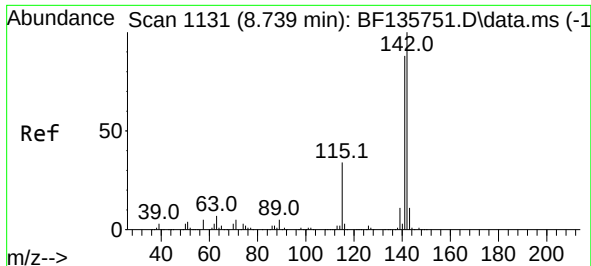
Tgt Ion:113 Resp: 71029
 Ion Ratio Lower Upper
 113 100
 55 211.8 217.4 257.4#
 56 155.3 153.1 193.1



#36
 4-Chloro-3-methylphenol
 Concen: 43.389 ng
 RT: 8.598 min Scan# 1107
 Delta R.T. -0.000 min
 Lab File: BF135856.D
 Acq: 18 Oct 2023 19:52

Tgt Ion:107 Resp: 240156
 Ion Ratio Lower Upper
 107 100
 144 25.8 19.8 29.8
 142 78.8 61.3 91.9

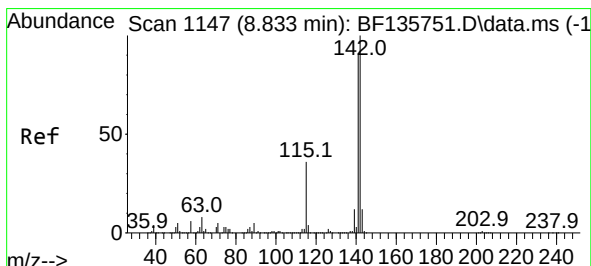
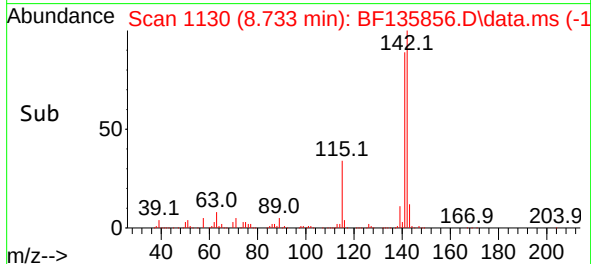
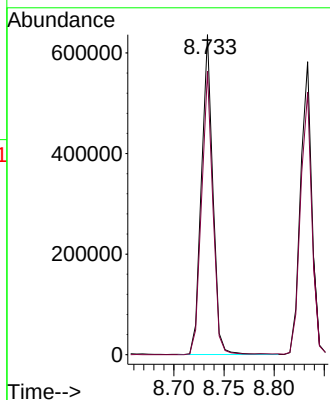
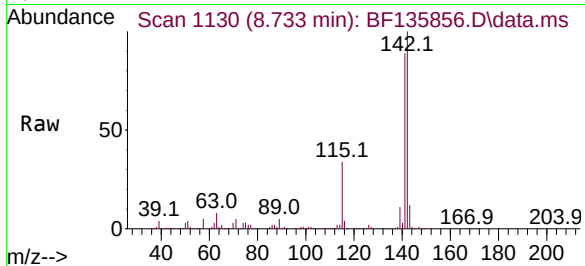




#37
2-Methylnaphthalene
Concen: 43.268 ng
RT: 8.733 min Scan# 1131
Delta R.T. -0.006 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

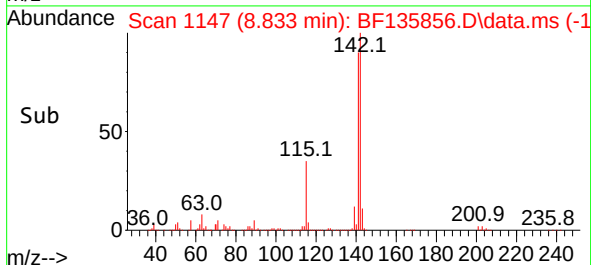
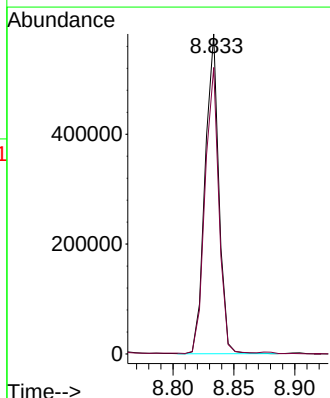
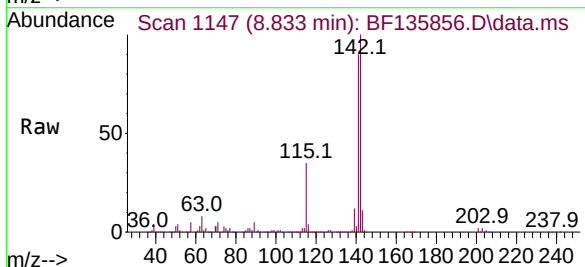
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

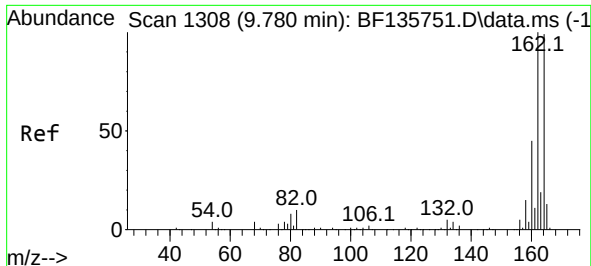
Tgt Ion:142 Resp: 505139
Ion Ratio Lower Upper
142 100
141 88.6 70.6 105.8



#38
1-Methylnaphthalene
Concen: 42.373 ng
RT: 8.833 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

Tgt Ion:142 Resp: 456268
Ion Ratio Lower Upper
142 100
141 89.5 72.7 109.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.774 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF135856.D

Acq: 18 Oct 2023 19:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

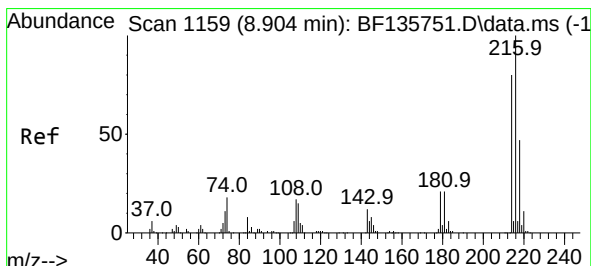
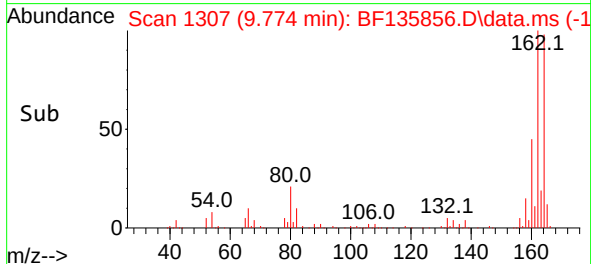
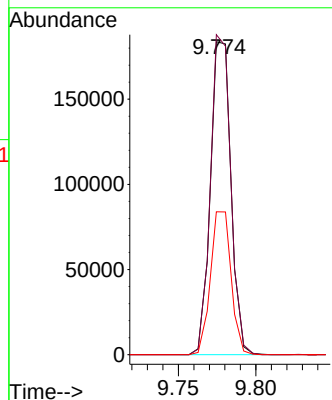
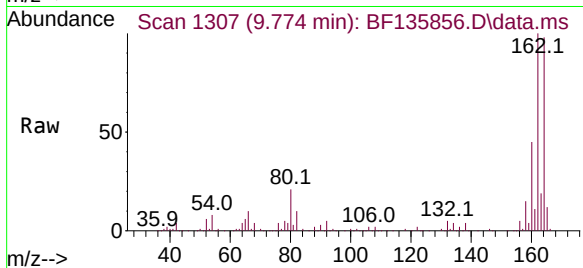
Tgt Ion:164 Resp: 169658

Ion Ratio Lower Upper

164 100

162 102.2 80.8 121.2

160 45.6 36.6 54.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.538 ng

RT: 8.904 min Scan# 1159

Delta R.T. -0.006 min

Lab File: BF135856.D

Acq: 18 Oct 2023 19:52

Tgt Ion:216 Resp: 217361

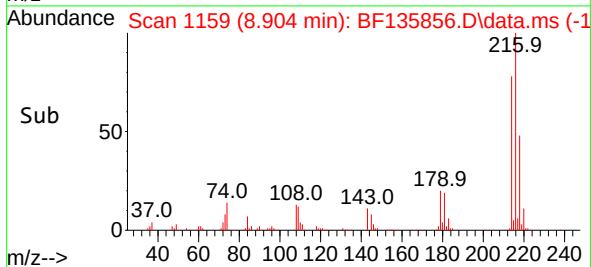
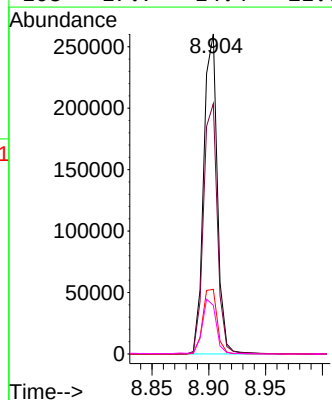
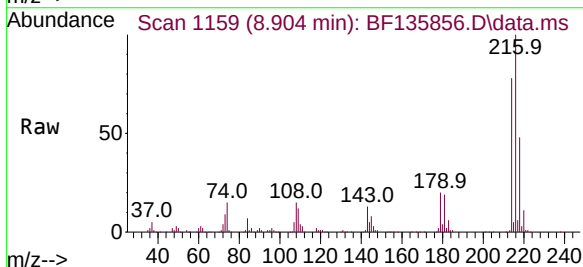
Ion Ratio Lower Upper

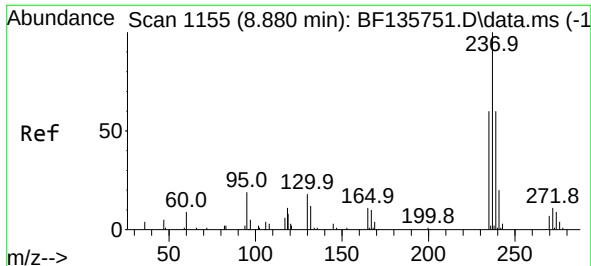
216 100

214 79.9 64.0 96.0

179 21.3 16.9 25.3

108 17.7 14.4 21.6

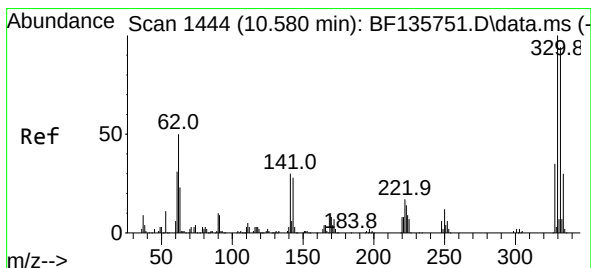
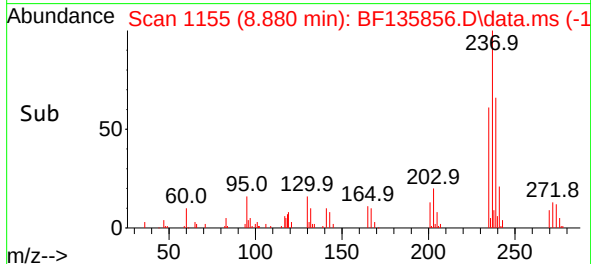
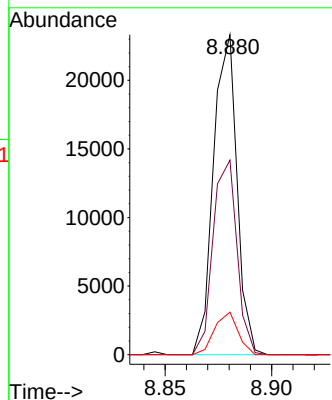
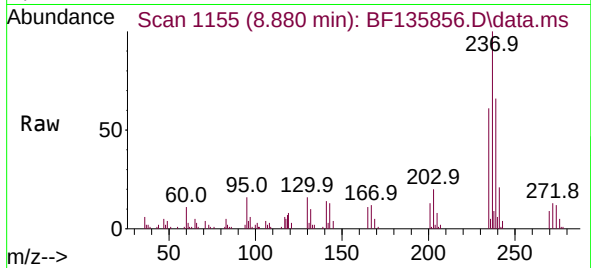




#41
Hexachlorocyclopentadiene
Concen: 36.477 ng
RT: 8.880 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

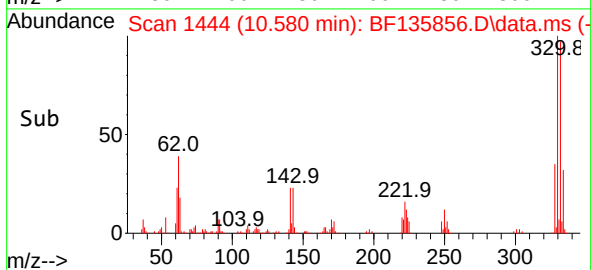
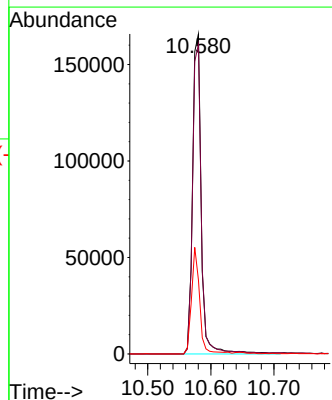
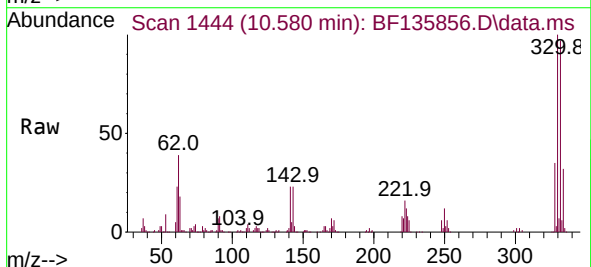
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

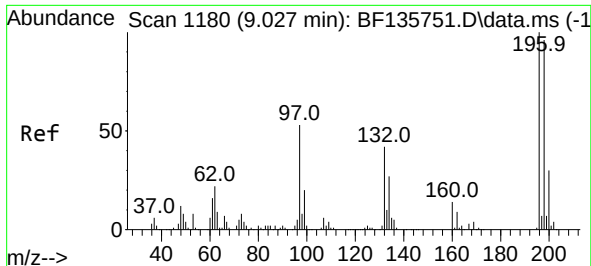
Tgt Ion:237 Resp: 17918
Ion Ratio Lower Upper
237 100
235 60.8 40.0 80.0
272 13.3 0.0 30.9



#42
2,4,6-Tribromophenol
Concen: 97.435 ng
RT: 10.580 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

Tgt Ion:330 Resp: 158625
Ion Ratio Lower Upper
330 100
332 97.0 75.0 112.4
141 31.2 25.8 38.6





#43

2,4,6-Trichlorophenol

Concen: 41.326 ng

RT: 9.022 min Scan# 1179

Delta R.T. -0.006 min

Lab File: BF135856.D

Acq: 18 Oct 2023 19:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

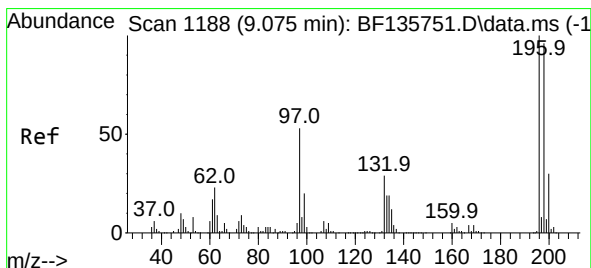
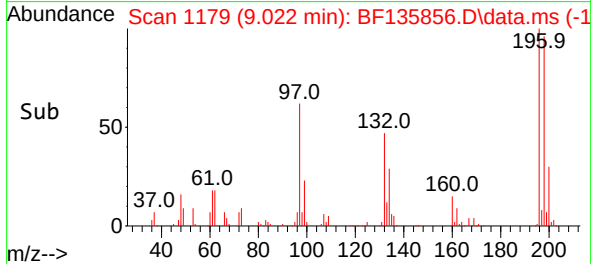
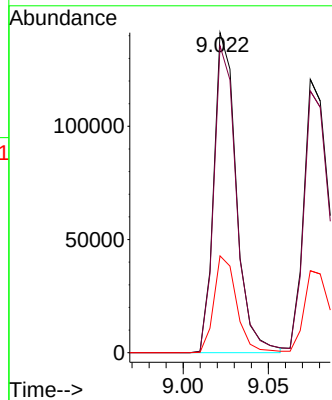
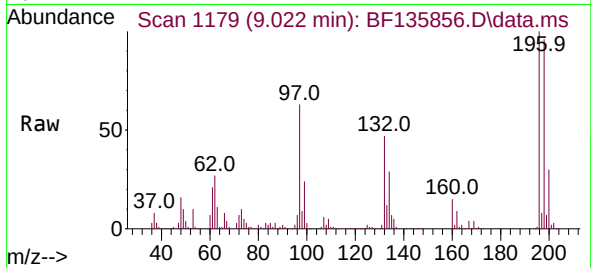
Tgt Ion:196 Resp: 129967

Ion Ratio Lower Upper

196 100

198 95.9 76.7 115.1

200 30.3 24.2 36.4



#44

2,4,5-Trichlorophenol

Concen: 40.190 ng

RT: 9.075 min Scan# 1188

Delta R.T. -0.006 min

Lab File: BF135856.D

Acq: 18 Oct 2023 19:52

Tgt Ion:196 Resp: 147008

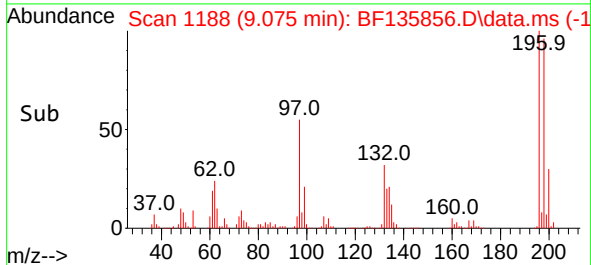
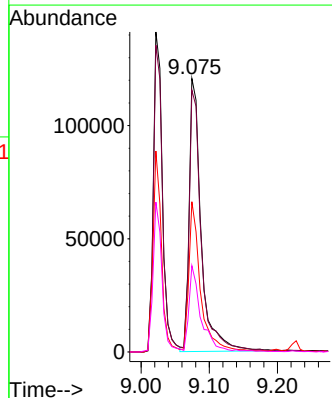
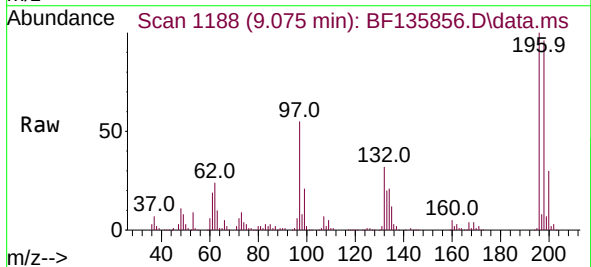
Ion Ratio Lower Upper

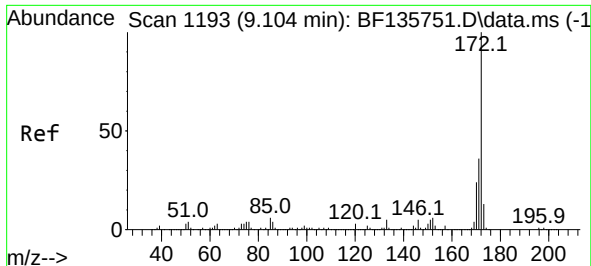
196 100

198 95.8 77.0 115.6

97 54.9 42.2 63.2

132 31.6 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 83.619 ng

RT: 9.098 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF135856.D

Acq: 18 Oct 2023 19:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

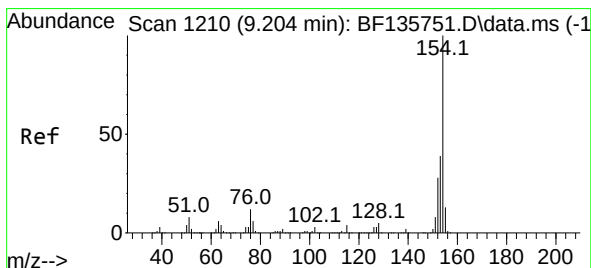
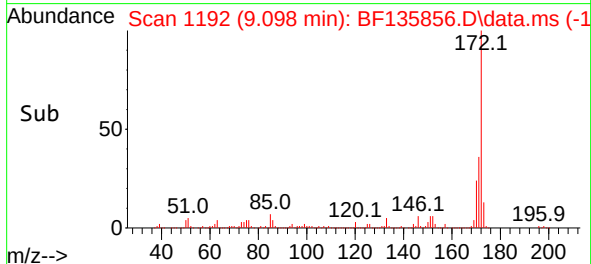
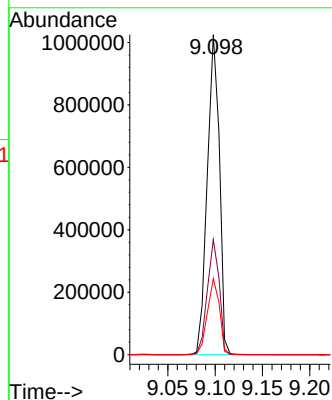
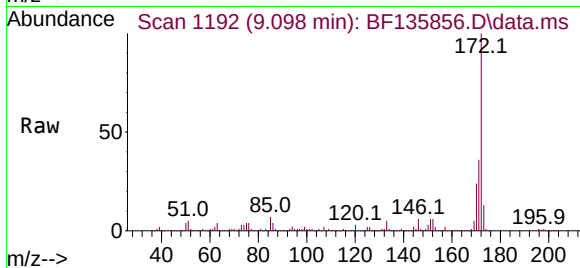
Tgt Ion:172 Resp: 907354

Ion Ratio Lower Upper

172 100

171 36.0 28.4 42.6

170 23.8 18.8 28.2



#46

1,1'-Biphenyl

Concen: 42.086 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BF135856.D

Acq: 18 Oct 2023 19:52

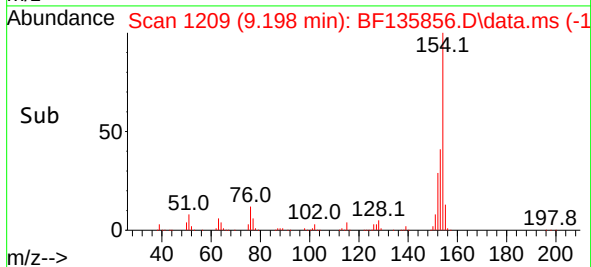
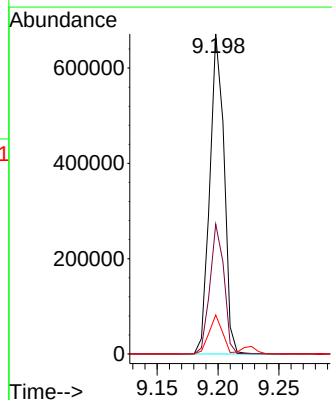
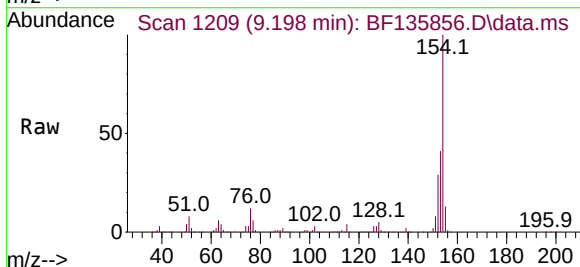
Tgt Ion:154 Resp: 546954

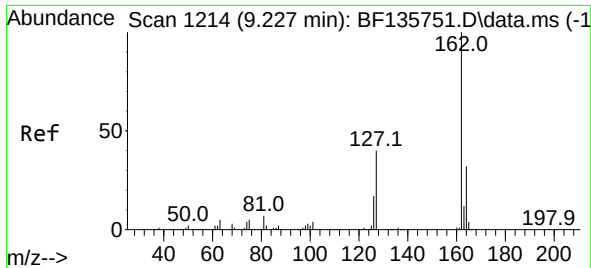
Ion Ratio Lower Upper

154 100

153 40.6 19.4 59.4

76 12.2 0.0 31.7

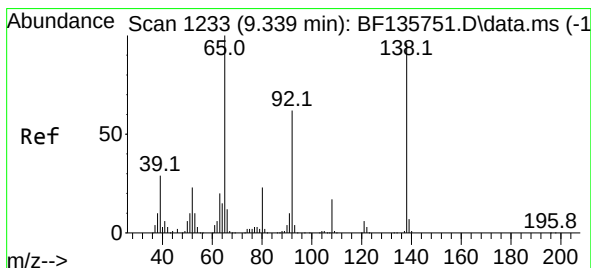
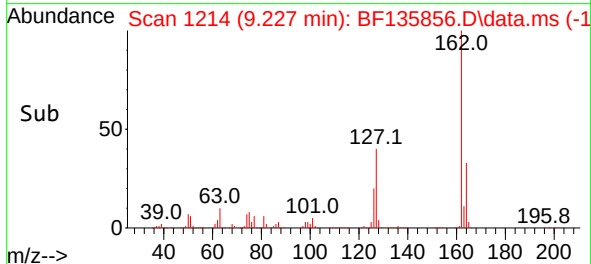
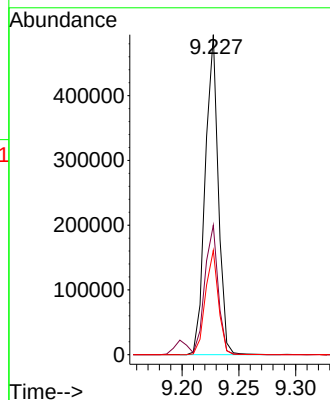
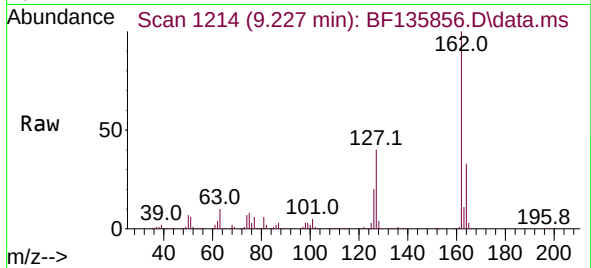




#47
2-Chloronaphthalene
Concen: 42.045 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

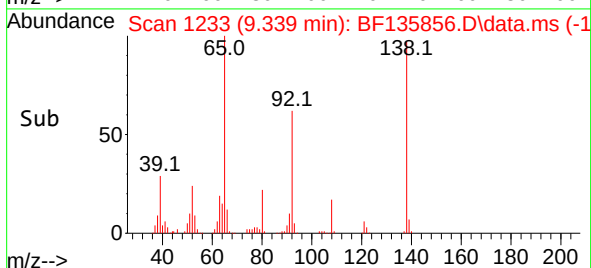
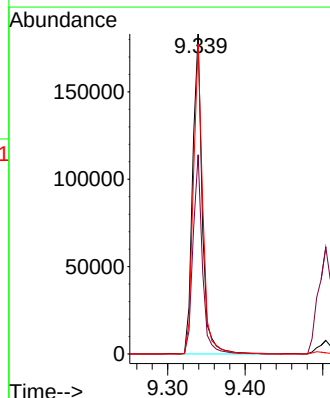
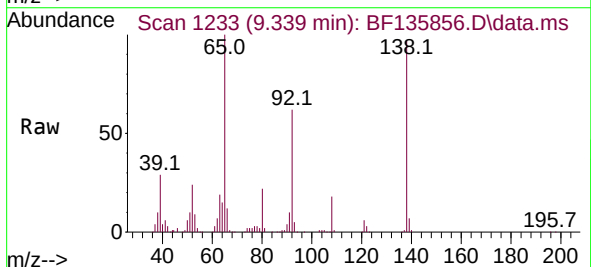
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

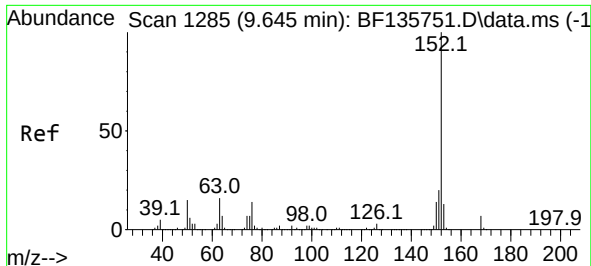
Tgt Ion:162 Resp: 393801
Ion Ratio Lower Upper
162 100
127 40.4 34.7 52.1
164 32.6 25.6 38.4



#48
2-Nitroaniline
Concen: 42.587 ng
RT: 9.339 min Scan# 1233
Delta R.T. -0.000 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

Tgt Ion: 65 Resp: 157446
Ion Ratio Lower Upper
65 100
92 62.3 49.4 74.0
138 96.9 76.6 114.8





#49

Acenaphthylene

Concen: 41.698 ng

RT: 9.639 min Scan# 1284

Delta R.T. -0.006 min

Lab File: BF135856.D

Acq: 18 Oct 2023 19:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

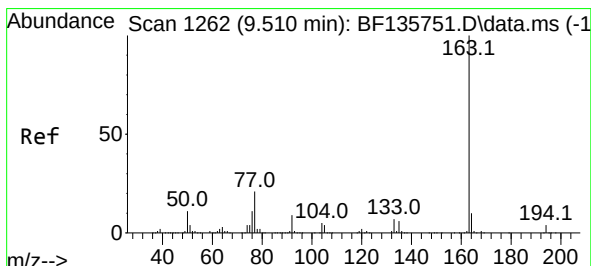
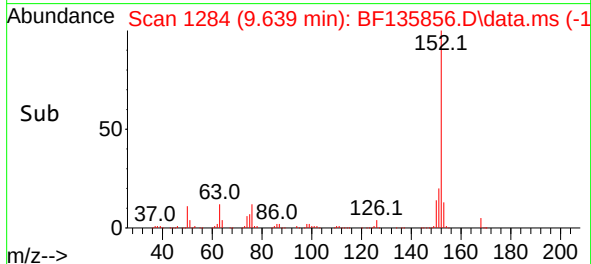
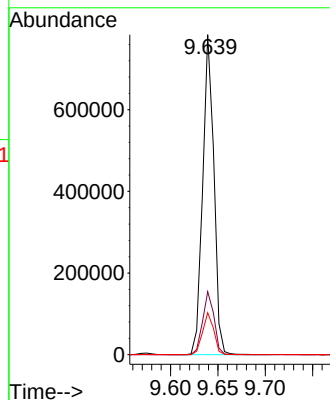
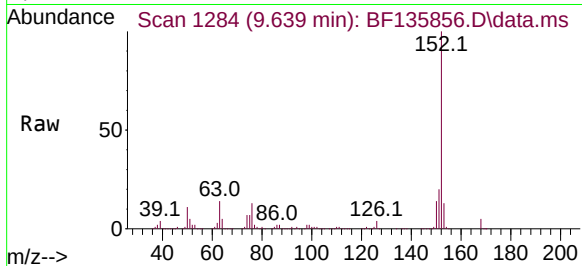
Tgt Ion:152 Resp: 646314

Ion Ratio Lower Upper

152 100

151 19.7 16.2 24.2

153 13.1 10.2 15.4



#50

Dimethylphthalate

Concen: 41.295 ng

RT: 9.504 min Scan# 1261

Delta R.T. -0.006 min

Lab File: BF135856.D

Acq: 18 Oct 2023 19:52

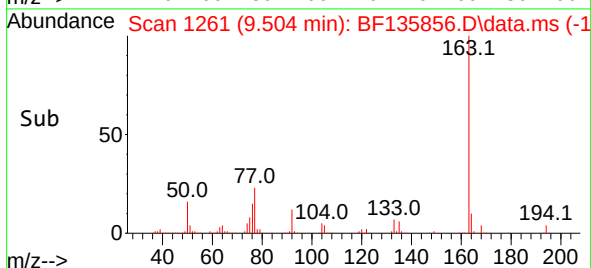
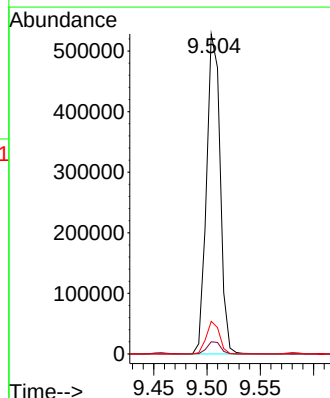
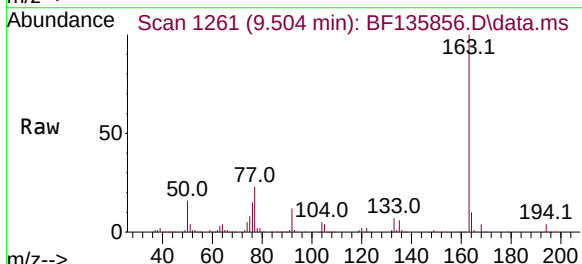
Tgt Ion:163 Resp: 472954

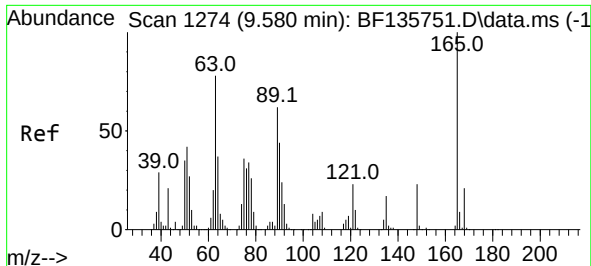
Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

164 10.2 7.9 11.9

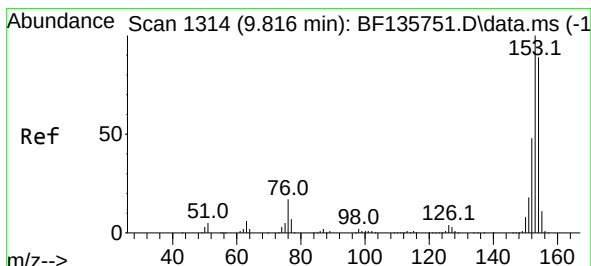
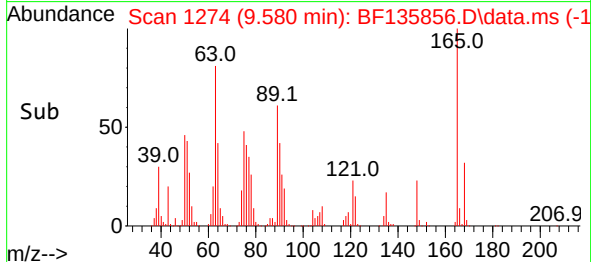
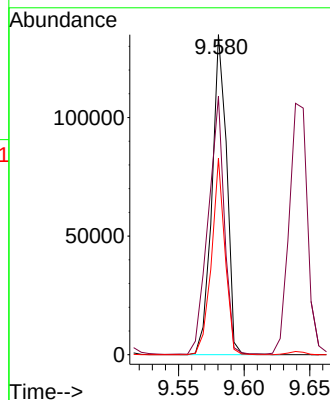
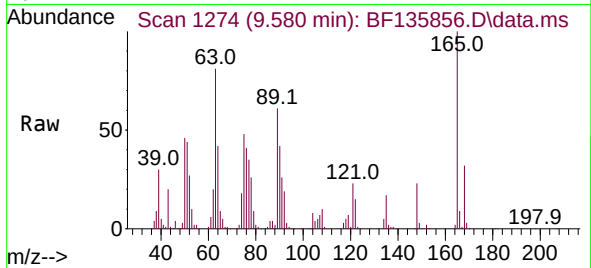




#51
2,6-Dinitrotoluene
Concen: 42.785 ng
RT: 9.580 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

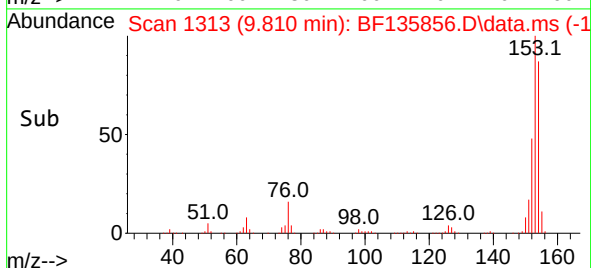
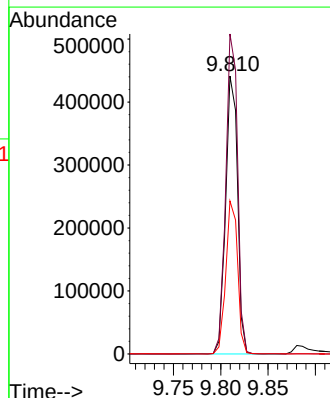
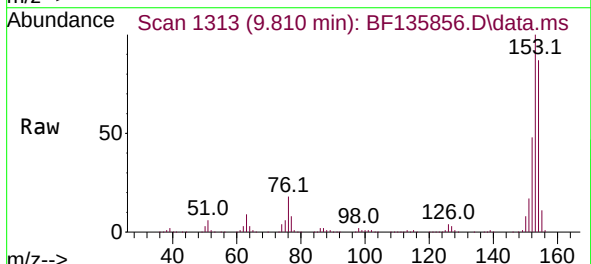
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

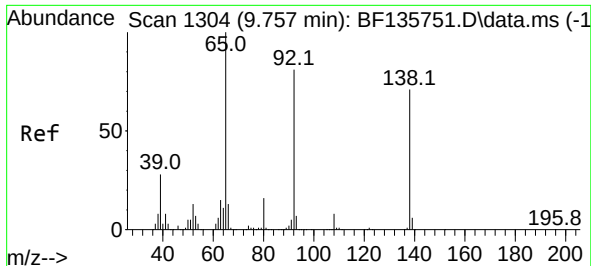
Tgt Ion:165 Resp: 105377
Ion Ratio Lower Upper
165 100
63 80.7 62.2 93.4
89 61.3 49.6 74.4



#52
Acenaphthene
Concen: 41.711 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

Tgt Ion:154 Resp: 387515
Ion Ratio Lower Upper
154 100
153 115.1 90.1 135.1
152 55.0 43.1 64.7

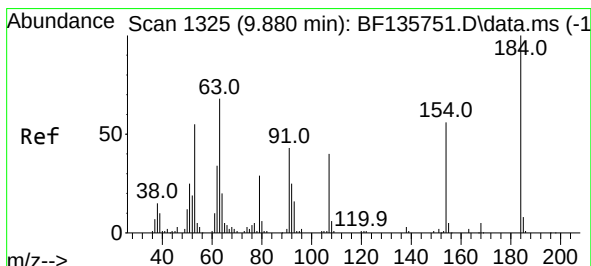
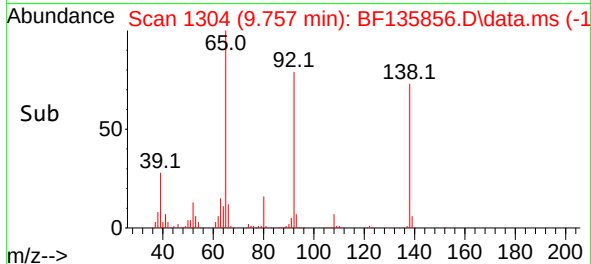
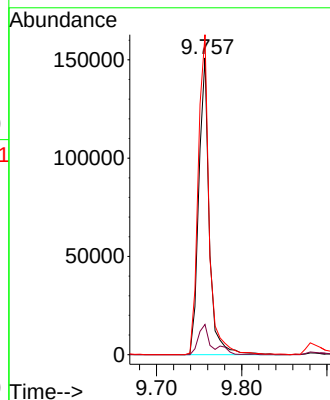
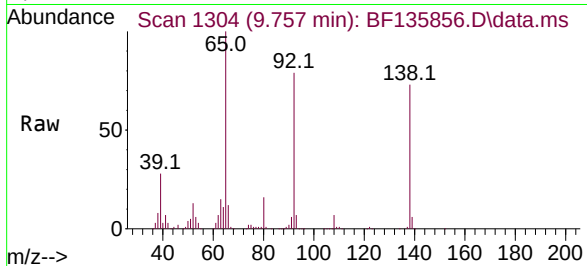




#53
3-Nitroaniline
Concen: 42.594 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

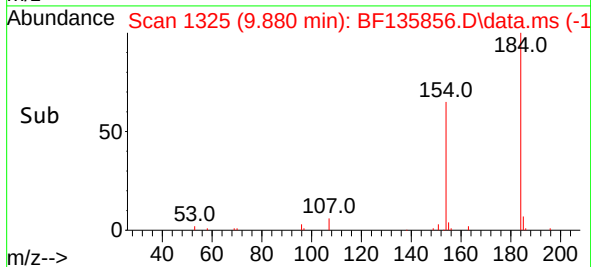
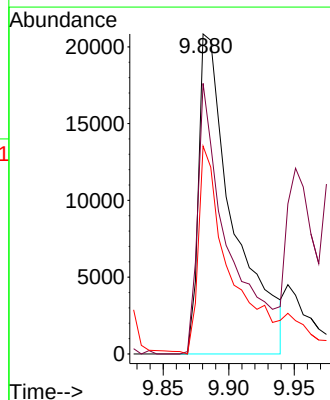
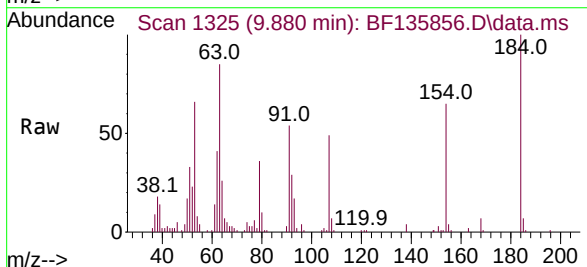
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

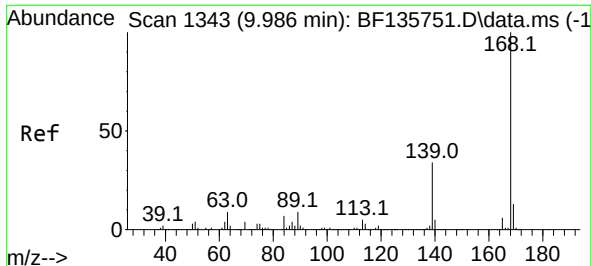
Tgt Ion:138 Resp: 128600
Ion Ratio Lower Upper
138 100
108 10.2 8.6 13.0
92 107.8 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 37.327 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.000 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

Tgt Ion:184 Resp: 38376
Ion Ratio Lower Upper
184 100
63 84.6 54.6 81.8#
154 65.0 45.0 67.4

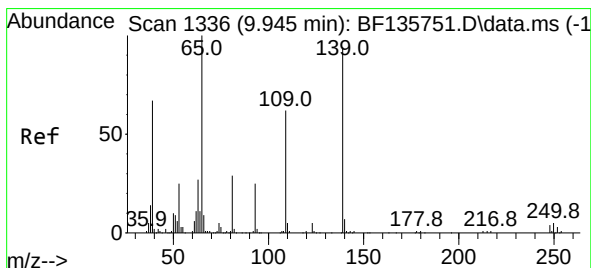
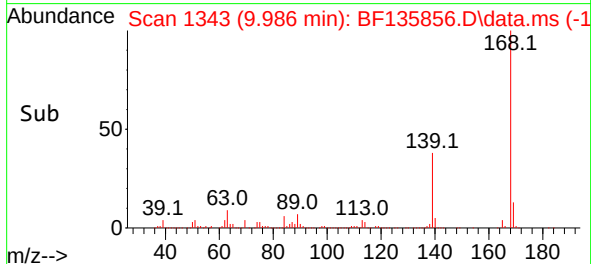
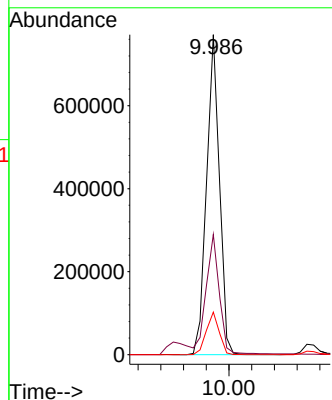
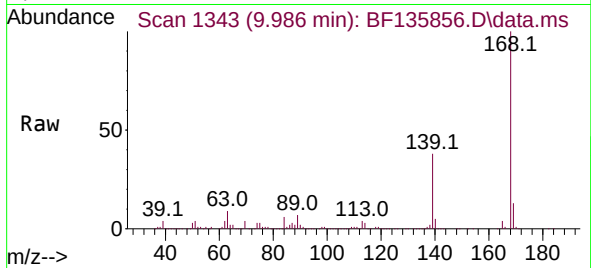




#55
Dibenzofuran
Concen: 43.148 ng
RT: 9.986 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

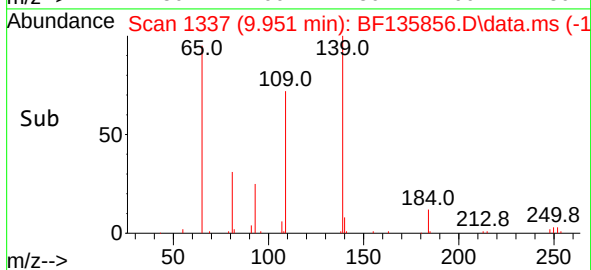
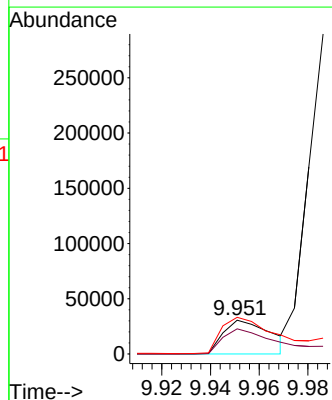
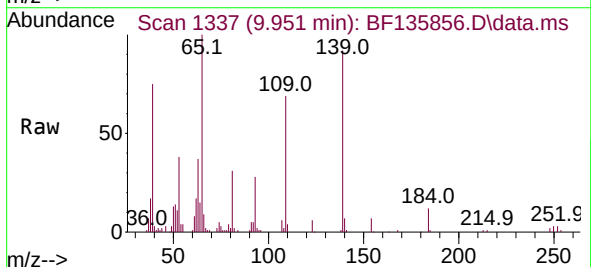
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

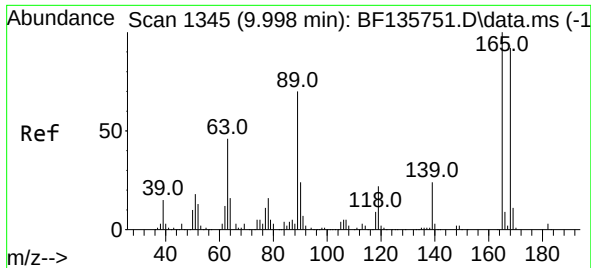
Tgt Ion:168 Resp: 604846
Ion Ratio Lower Upper
168 100
139 37.6 31.0 46.4
169 13.3 10.7 16.1



#56
4-Nitrophenol
Concen: 32.678 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

Tgt Ion:139 Resp: 40379
Ion Ratio Lower Upper
139 100
109 74.3 45.6 85.6
65 108.2 87.5 127.5





#57

2,4-Dinitrotoluene

Concen: 44.587 ng

RT: 9.998 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135856.D

Acq: 18 Oct 2023 19:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 139708

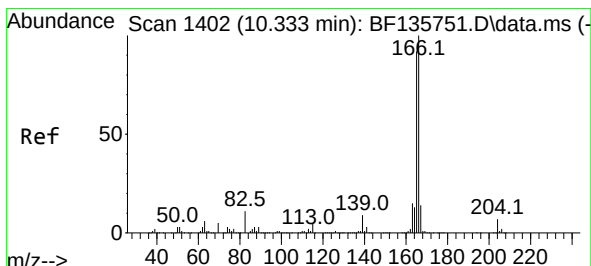
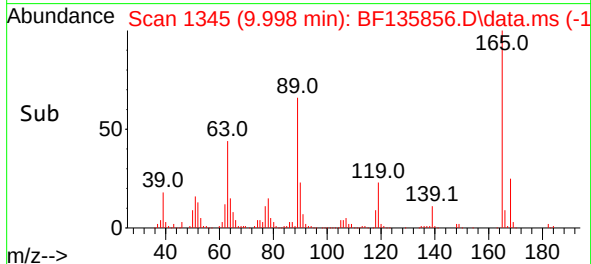
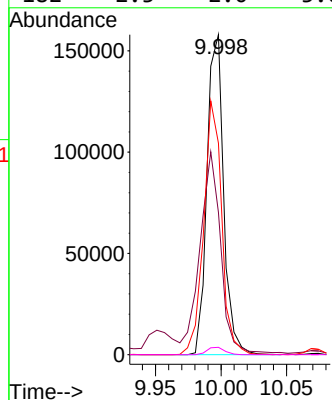
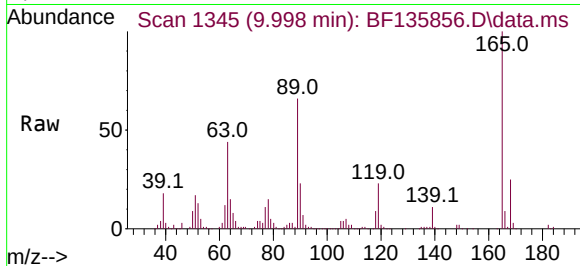
Ion Ratio Lower Upper

165 100

63 44.5 39.0 58.4

89 66.1 55.9 83.9

182 2.3 2.0 3.0



#58

Fluorene

Concen: 46.154 ng

RT: 10.333 min Scan# 1402

Delta R.T. -0.006 min

Lab File: BF135856.D

Acq: 18 Oct 2023 19:52

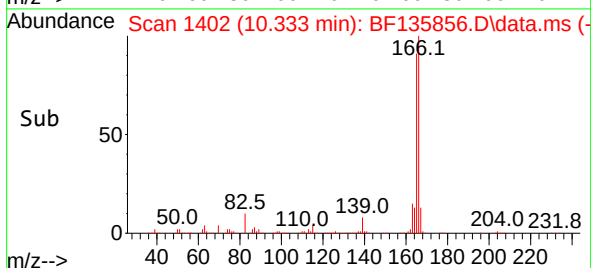
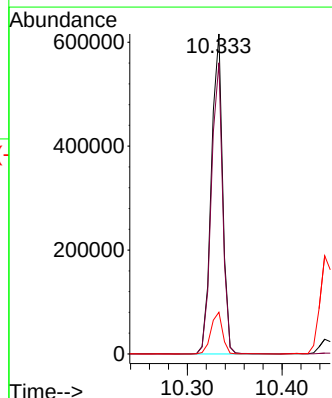
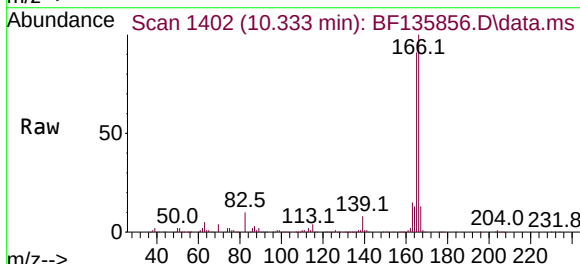
Tgt Ion:166 Resp: 506510

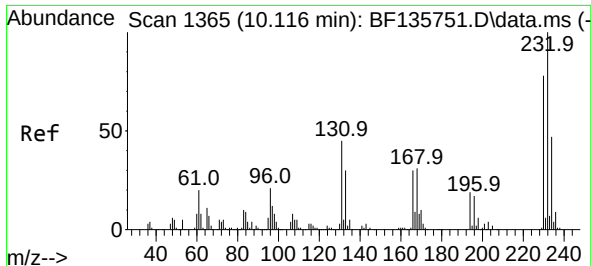
Ion Ratio Lower Upper

166 100

165 91.0 73.4 110.0

167 13.1 11.0 16.6

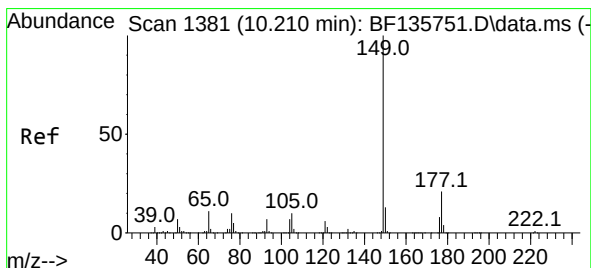
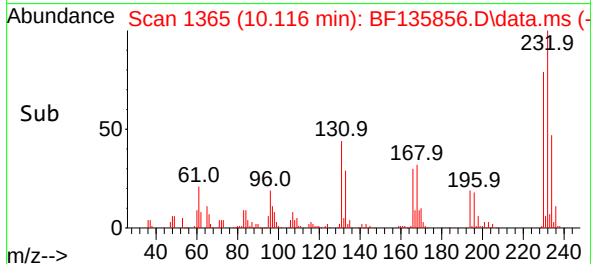
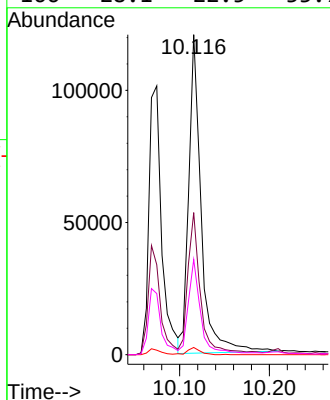
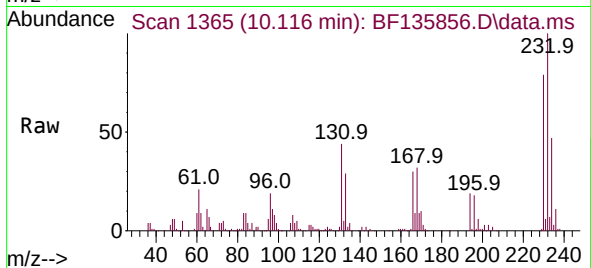




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.936 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

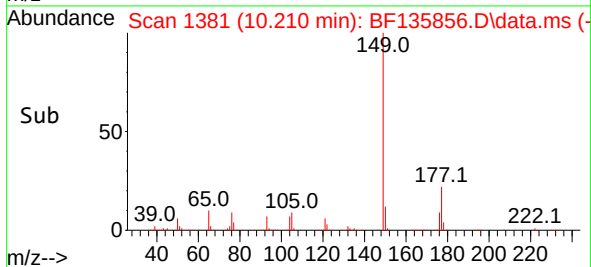
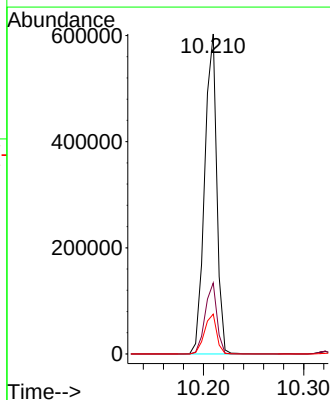
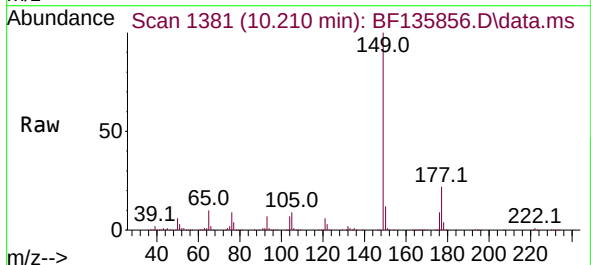
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

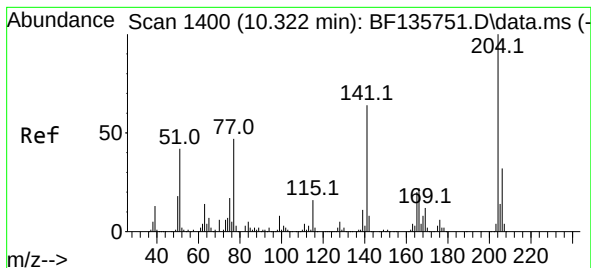
Tgt Ion:232 Resp: 115925
Ion Ratio Lower Upper
232 100
131 45.5 35.8 53.6
130 2.3 1.9 2.9
166 28.1 22.5 33.7



#60
Diethylphthalate
Concen: 43.537 ng
RT: 10.210 min Scan# 1381
Delta R.T. -0.006 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

Tgt Ion:149 Resp: 509050
Ion Ratio Lower Upper
149 100
177 22.2 16.9 25.3
150 12.4 10.2 15.2

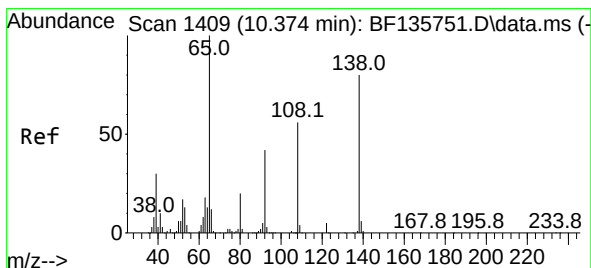
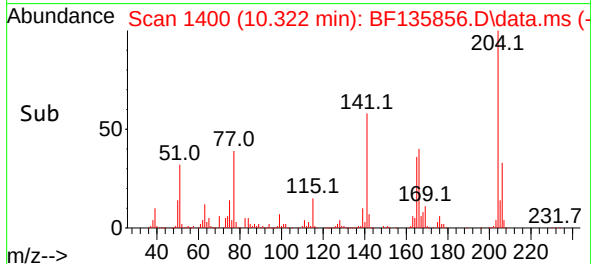
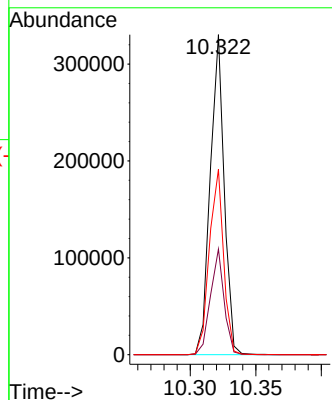
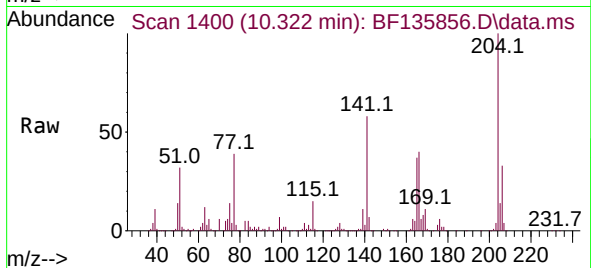




#61
4-Chlorophenyl-phenylether
Concen: 46.184 ng
RT: 10.322 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

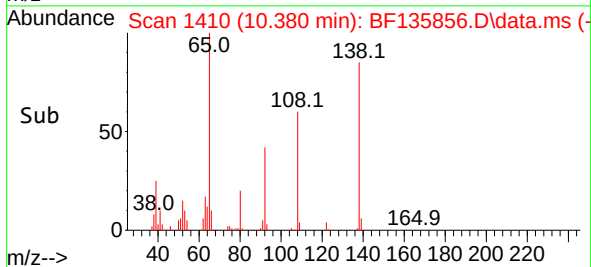
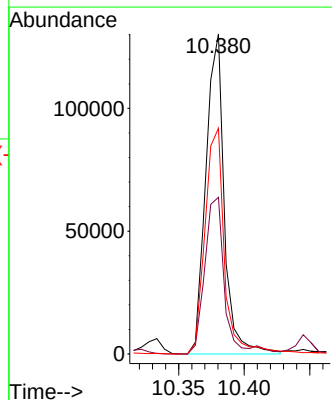
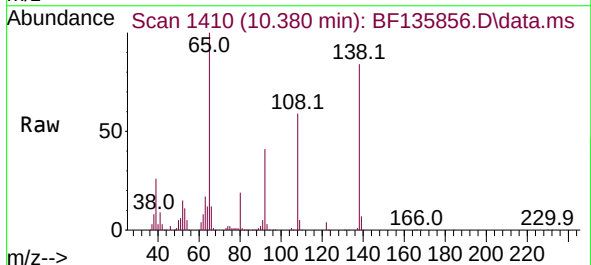
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

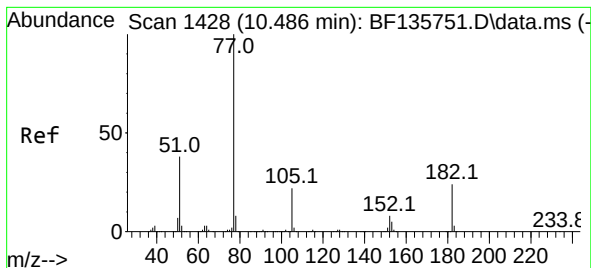
Tgt Ion:204 Resp: 244960
Ion Ratio Lower Upper
204 100
206 33.0 25.8 38.6
141 57.9 51.4 77.0



#62
4-Nitroaniline
Concen: 45.950 ng
RT: 10.380 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

Tgt Ion:138 Resp: 127645
Ion Ratio Lower Upper
138 100
92 48.9 31.9 71.9
108 70.6 49.7 89.7





#63

Azobenzene

Concen: 46.540 ng

RT: 10.486 min Scan# 1428

Delta R.T. -0.006 min

Lab File: BF135856.D

Acq: 18 Oct 2023 19:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 528689

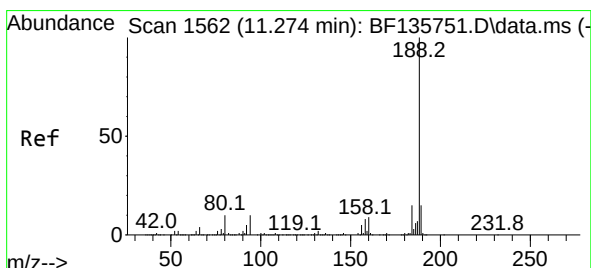
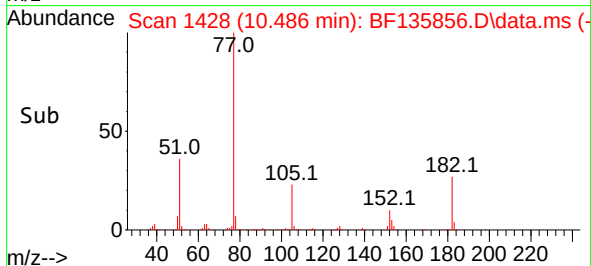
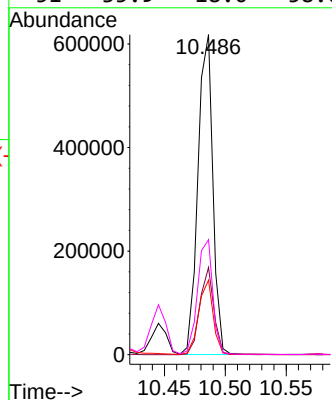
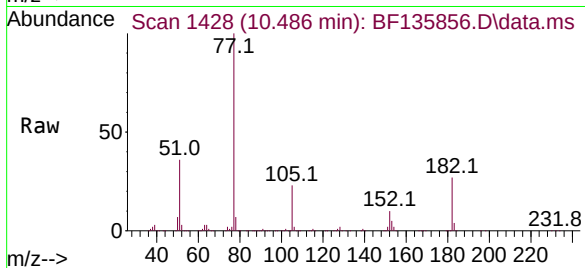
Ion Ratio Lower Upper

77 100

182 27.2 3.5 43.5

105 23.3 2.2 42.2

51 35.9 18.0 58.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.274 min Scan# 1562

Delta R.T. -0.006 min

Lab File: BF135856.D

Acq: 18 Oct 2023 19:52

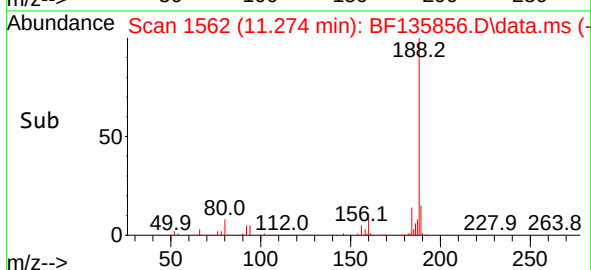
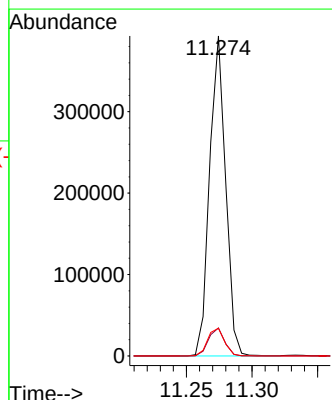
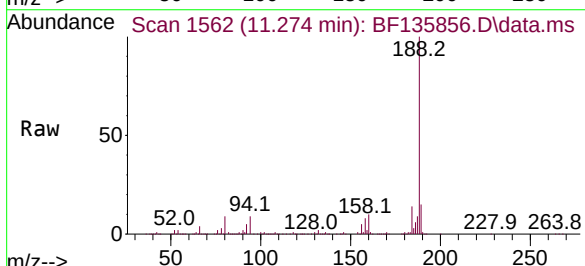
Tgt Ion:188 Resp: 334686

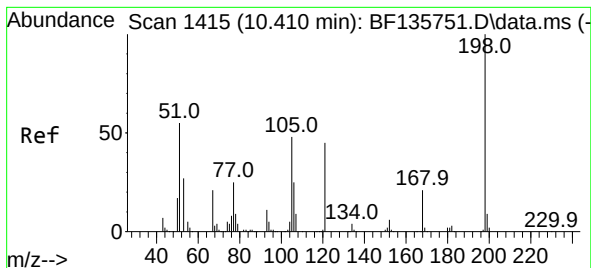
Ion Ratio Lower Upper

188 100

94 8.8 8.0 12.0

80 8.7 8.3 12.5

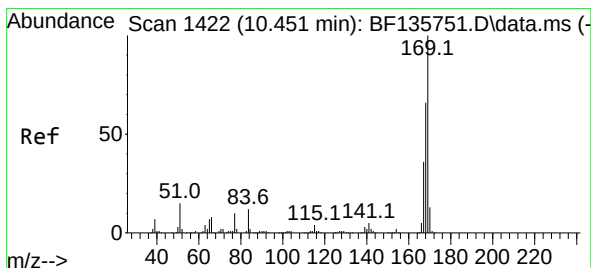
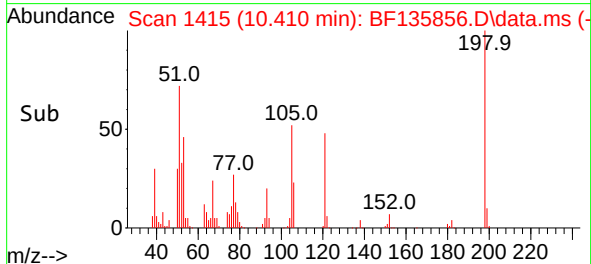
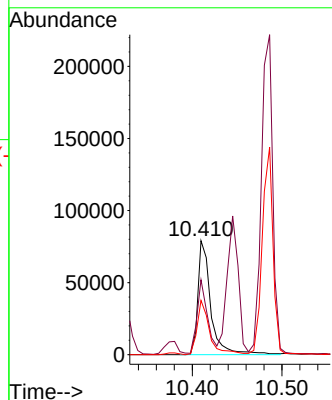
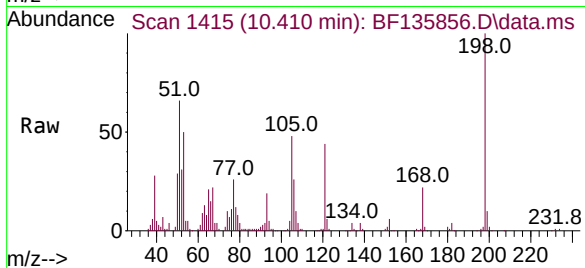




#65
4,6-Dinitro-2-methylphenol
Concen: 46.949 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

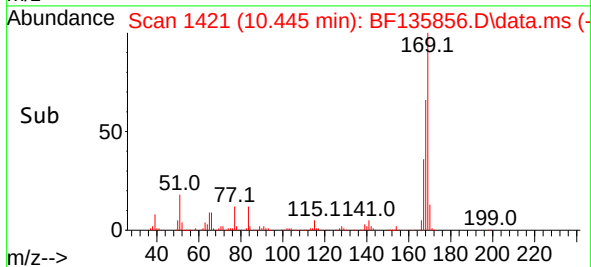
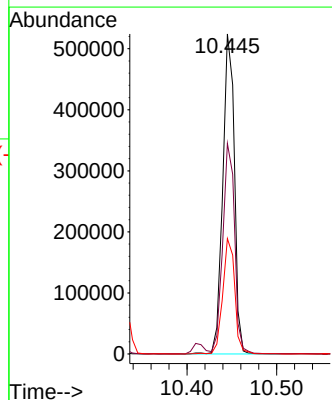
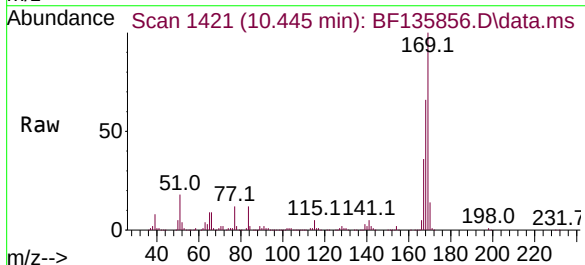
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

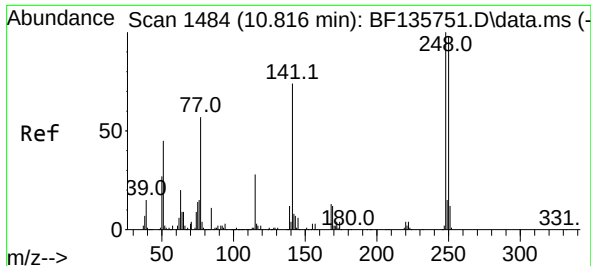
Tgt Ion:198 Resp: 79079
Ion Ratio Lower Upper
198 100
51 65.7 47.6 87.6
105 47.7 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 46.247 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

Tgt Ion:169 Resp: 471767
Ion Ratio Lower Upper
169 100
168 65.8 53.4 80.2
167 36.1 29.2 43.8

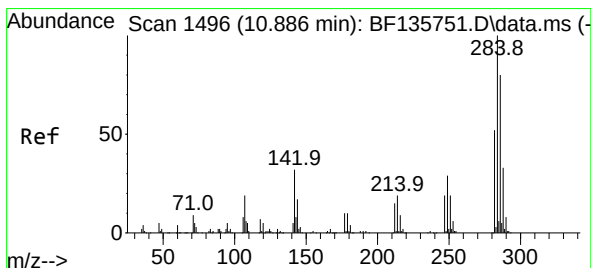
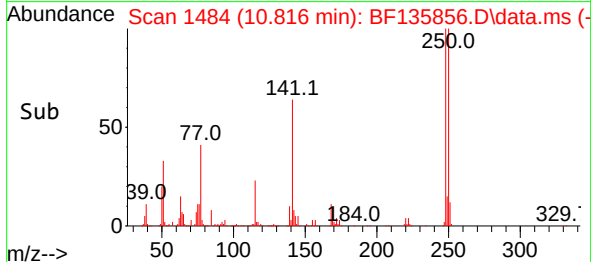
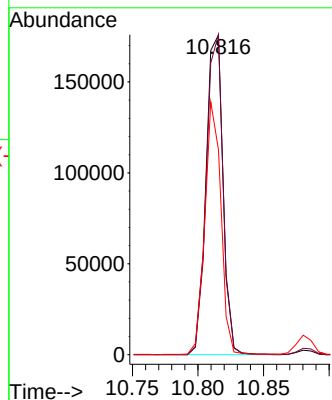
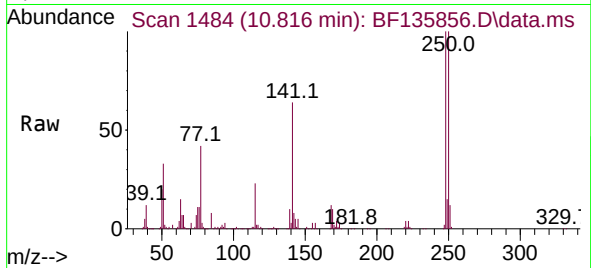




#67
4-Bromophenyl-phenylether
Concen: 47.495 ng
RT: 10.816 min Scan# 1484
Delta R.T. -0.006 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

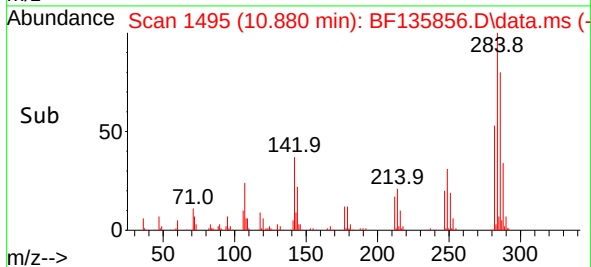
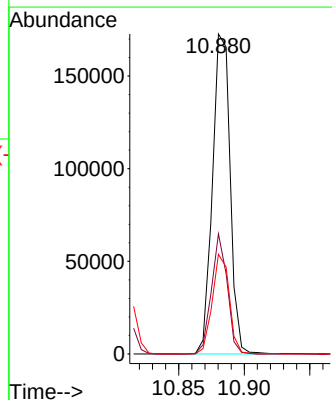
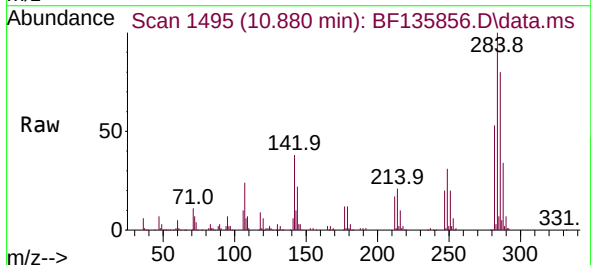
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

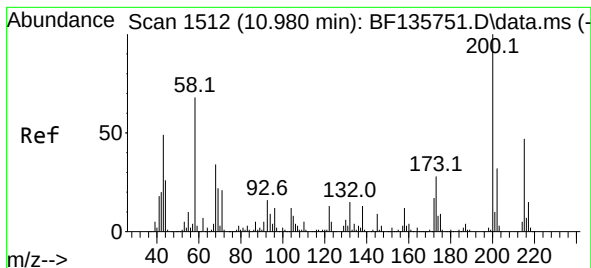
Tgt Ion:248 Resp: 159568
Ion Ratio Lower Upper
248 100
250 100.1 78.0 117.0
141 64.2 59.0 88.6



#68
Hexachlorobenzene
Concen: 47.342 ng
RT: 10.880 min Scan# 1495
Delta R.T. -0.012 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

Tgt Ion:284 Resp: 161933
Ion Ratio Lower Upper
284 100
142 37.6 25.3 37.9
249 31.2 23.5 35.3





#69

Atrazine

Concen: 45.662 ng

RT: 10.980 min Scan# 1512

Delta R.T. -0.006 min

Lab File: BF135856.D

Acq: 18 Oct 2023 19:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

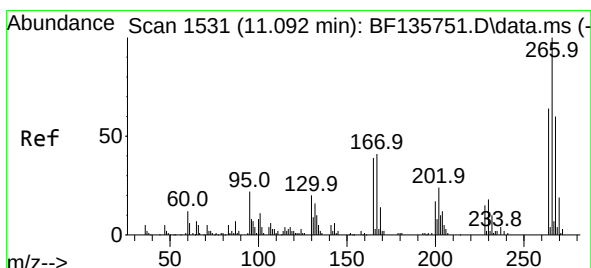
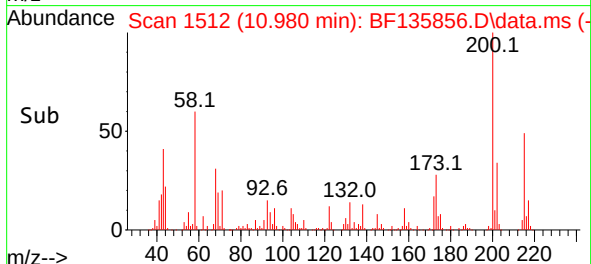
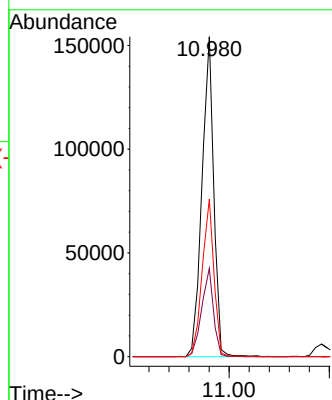
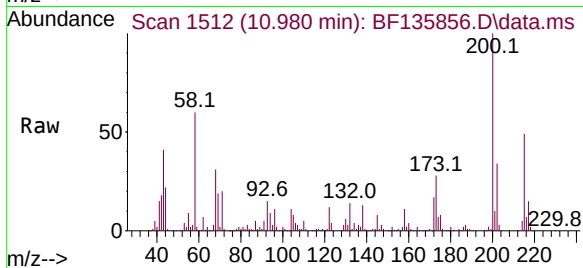
Tgt Ion:200 Resp: 126699

Ion Ratio Lower Upper

200 100

173 27.6 7.6 47.6

215 49.2 27.1 67.1



#70

Pentachlorophenol

Concen: 35.825 ng

RT: 11.092 min Scan# 1531

Delta R.T. -0.000 min

Lab File: BF135856.D

Acq: 18 Oct 2023 19:52

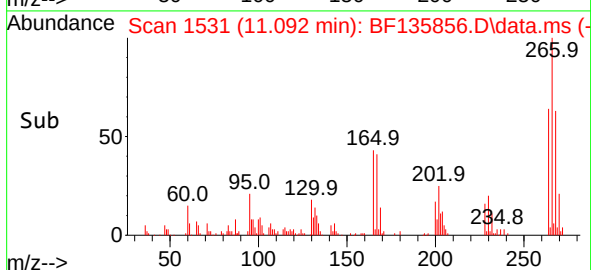
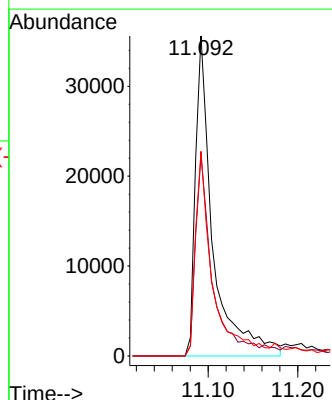
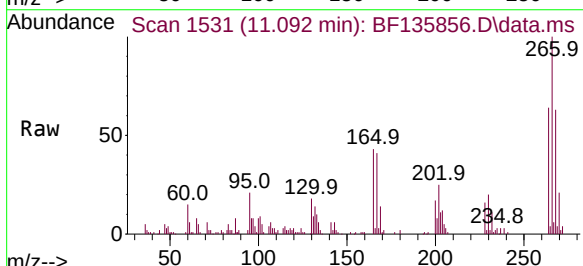
Tgt Ion:266 Resp: 48330

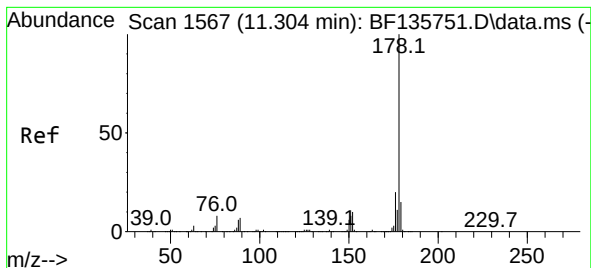
Ion Ratio Lower Upper

266 100

268 62.7 47.7 71.5

264 64.0 51.4 77.2





#71

Phenanthrene

Concen: 41.533 ng

RT: 11.298 min Scan# 1566

Delta R.T. -0.006 min

Lab File: BF135856.D

Acq: 18 Oct 2023 19:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

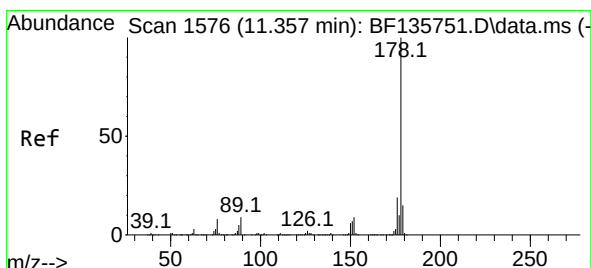
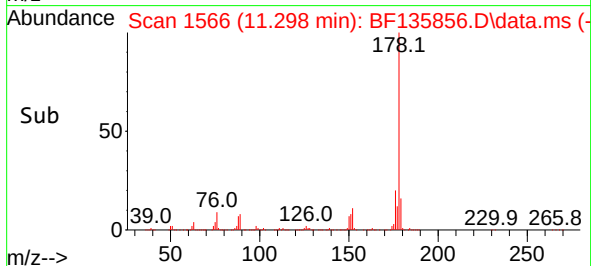
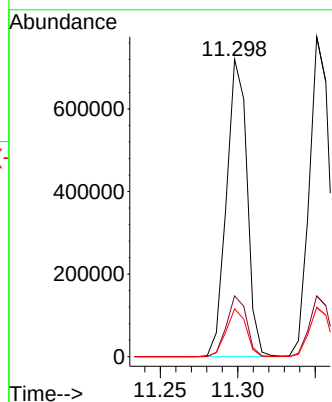
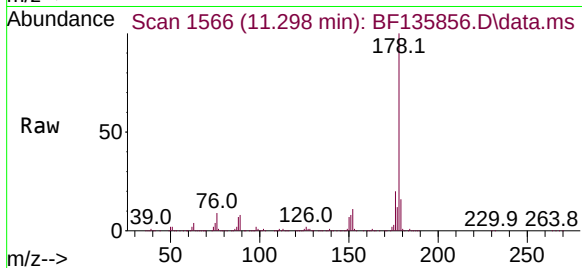
Tgt Ion:178 Resp: 665899

Ion Ratio Lower Upper

178 100

176 20.5 16.0 24.0

179 16.1 12.2 18.4



#72

Anthracene

Concen: 42.184 ng

RT: 11.351 min Scan# 1575

Delta R.T. -0.006 min

Lab File: BF135856.D

Acq: 18 Oct 2023 19:52

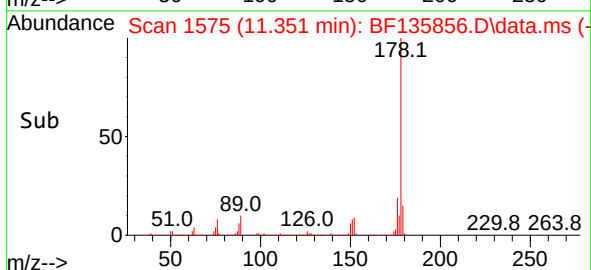
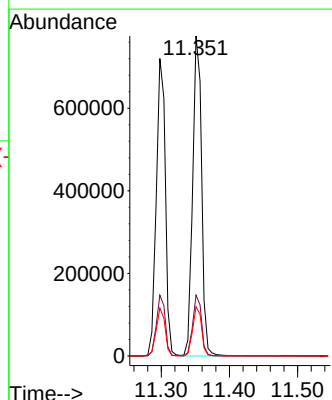
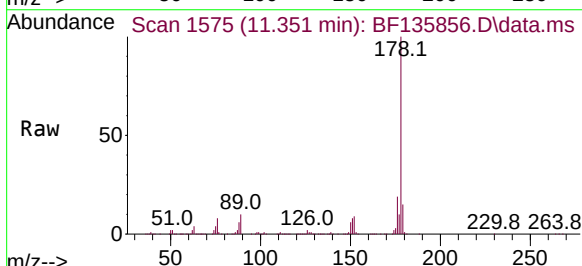
Tgt Ion:178 Resp: 700838

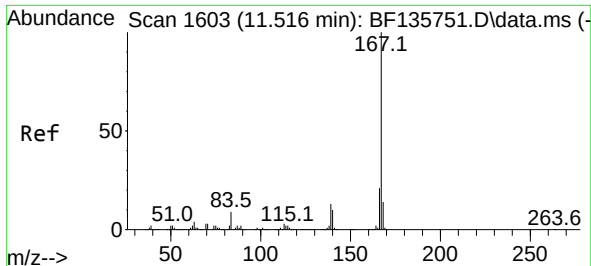
Ion Ratio Lower Upper

178 100

176 19.0 15.1 22.7

179 15.4 12.3 18.5

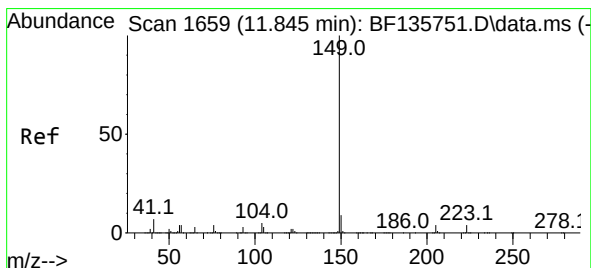
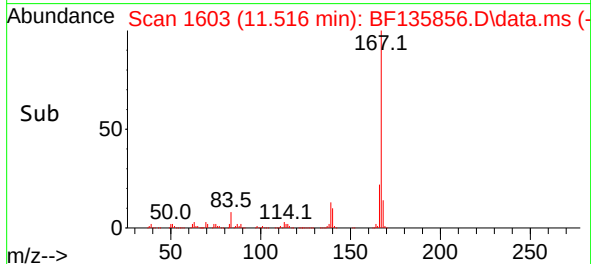
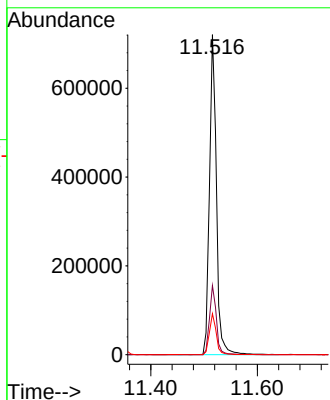
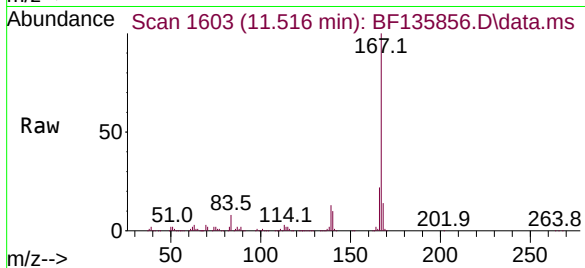




#73
 Carbazole
 Concen: 42.007 ng
 RT: 11.516 min Scan# 1603
 Delta R.T. -0.006 min
 Lab File: BF135856.D
 Acq: 18 Oct 2023 19:52

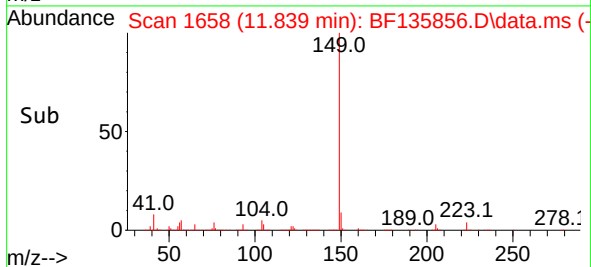
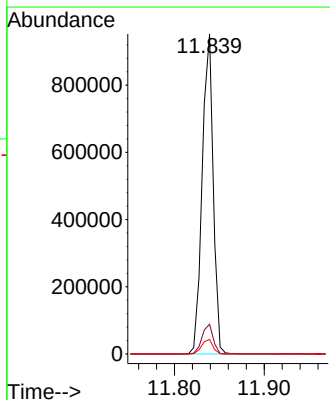
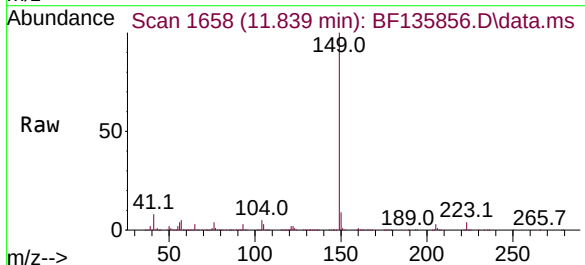
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

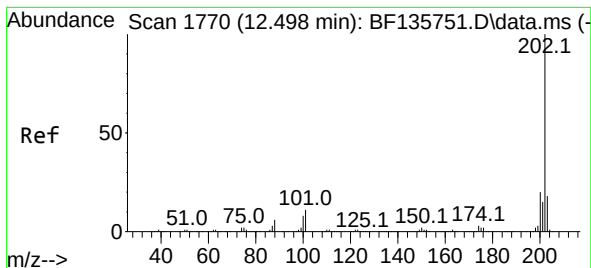
Tgt Ion:167 Resp: 650895
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.1 25.7
 139 12.8 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 42.671 ng
 RT: 11.839 min Scan# 1658
 Delta R.T. -0.006 min
 Lab File: BF135856.D
 Acq: 18 Oct 2023 19:52

Tgt Ion:149 Resp: 811784
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 4.6 3.7 5.5





#75

Fluoranthene

Concen: 45.029 ng

RT: 12.498 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135856.D

Acq: 18 Oct 2023 19:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

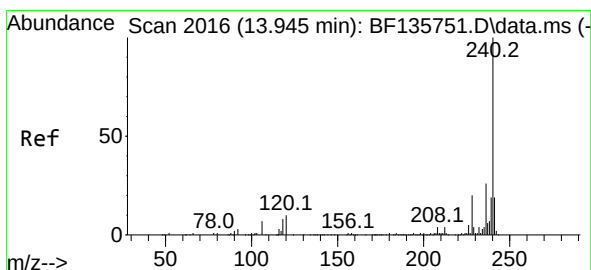
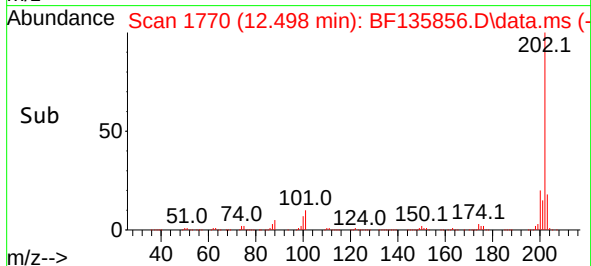
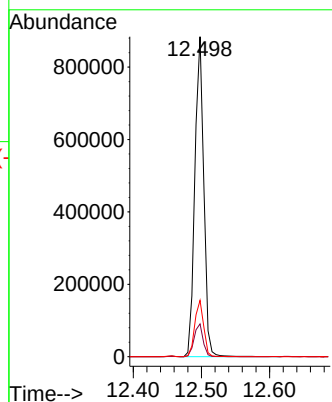
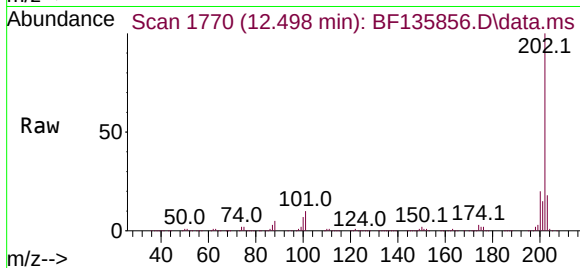
Tgt Ion:202 Resp: 801276

Ion Ratio Lower Upper

202 100

101 10.3 0.0 31.5

203 17.6 0.0 38.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 2015

Delta R.T. -0.012 min

Lab File: BF135856.D

Acq: 18 Oct 2023 19:52

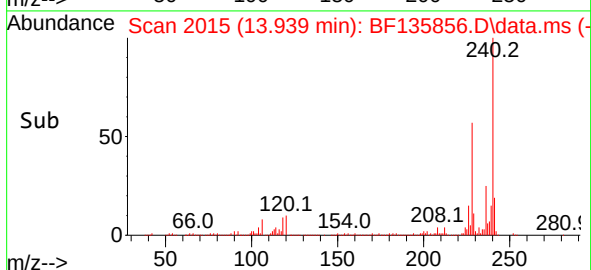
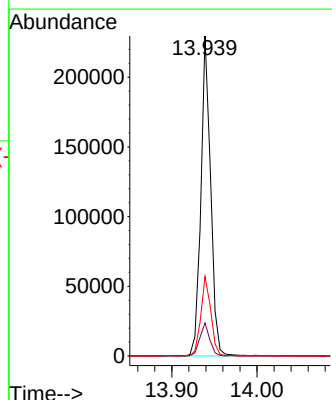
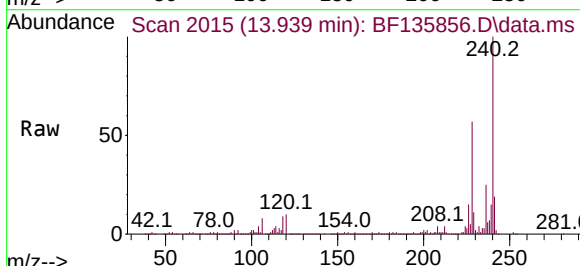
Tgt Ion:240 Resp: 182831

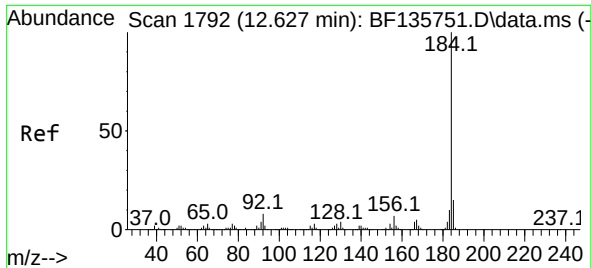
Ion Ratio Lower Upper

240 100

120 10.4 8.2 12.2

236 24.8 21.2 31.8

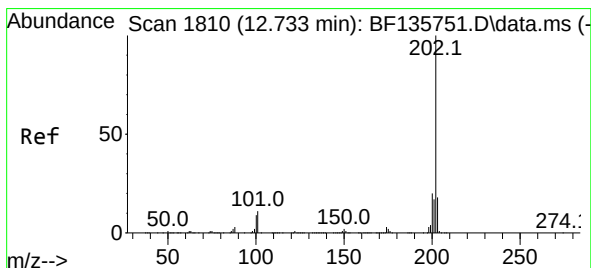
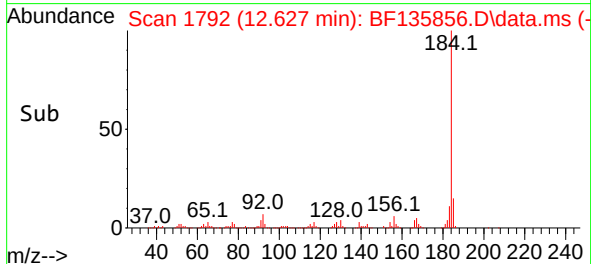
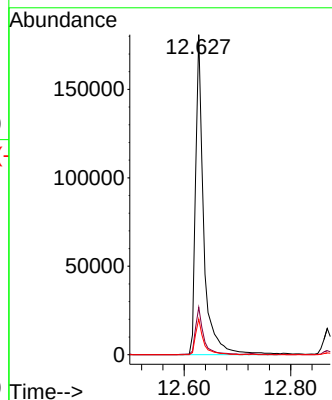
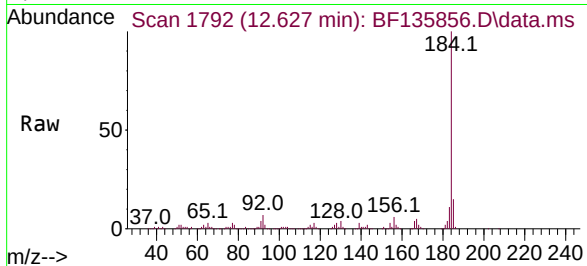




#77
Benzidine
Concen: 48.403 ng
RT: 12.627 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

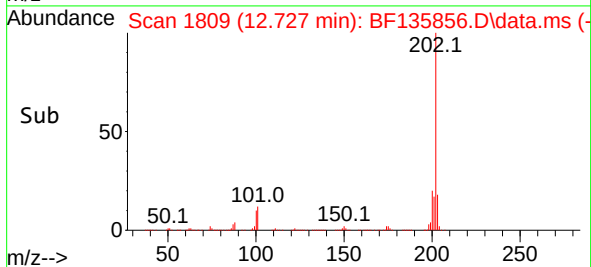
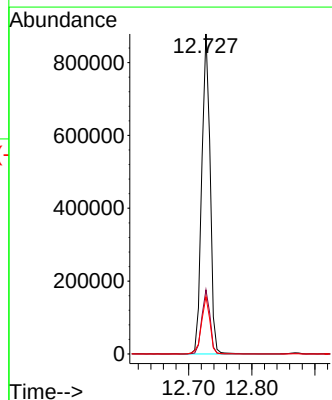
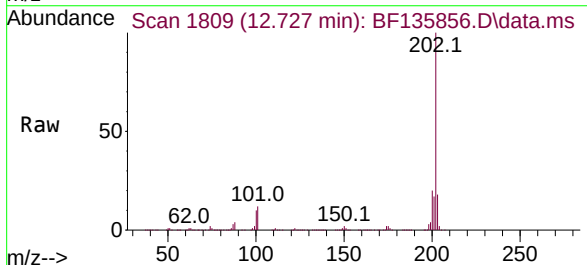
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

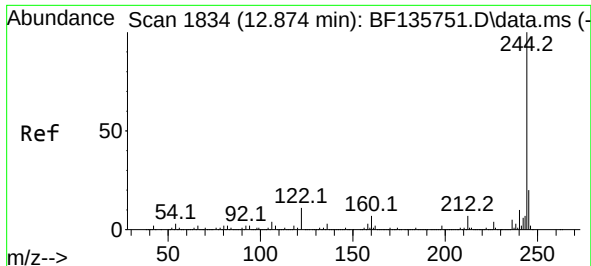
Tgt Ion:184 Resp: 193104
Ion Ratio Lower Upper
184 100
185 14.8 12.0 18.0
183 11.1 8.2 12.2



#78
Pyrene
Concen: 55.441 ng
RT: 12.727 min Scan# 1809
Delta R.T. -0.006 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

Tgt Ion:202 Resp: 805492
Ion Ratio Lower Upper
202 100
200 20.0 16.1 24.1
203 17.9 14.2 21.2

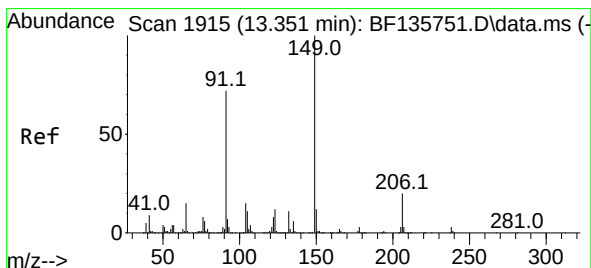
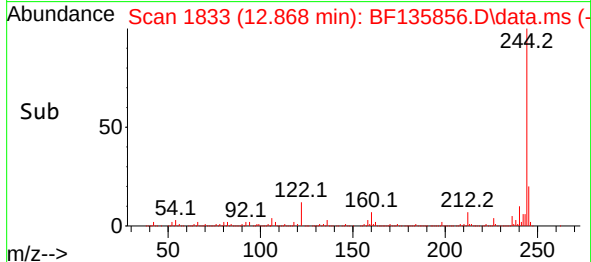
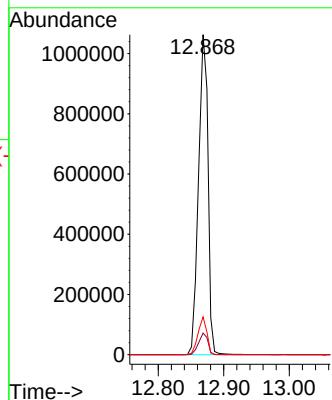
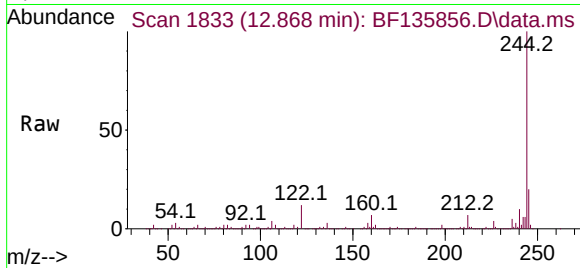




#79
 Terphenyl-d14
 Concen: 108.680 ng
 RT: 12.868 min Scan# 1833
 Delta R.T. -0.012 min
 Lab File: BF135856.D
 Acq: 18 Oct 2023 19:52

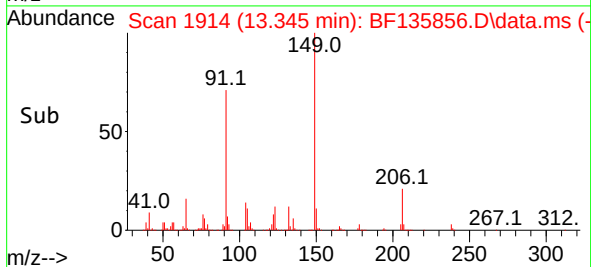
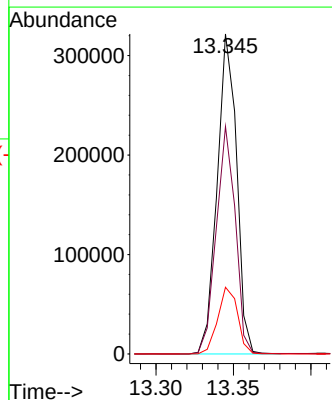
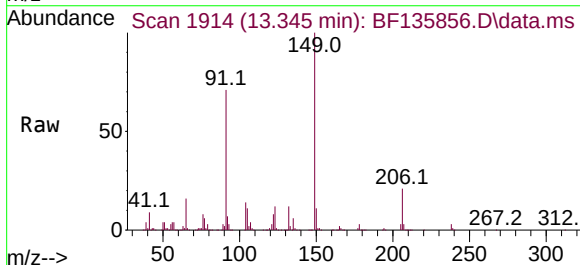
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

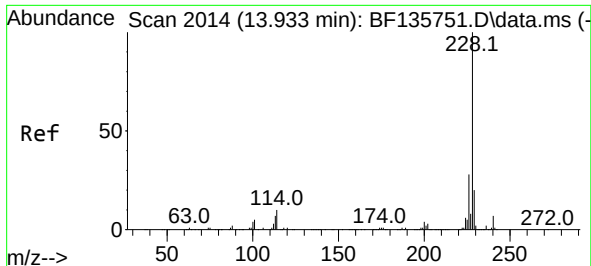
Tgt Ion:244 Resp: 1072946
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 11.8 9.0 13.6



#80
 Butylbenzylphthalate
 Concen: 44.047 ng
 RT: 13.345 min Scan# 1914
 Delta R.T. -0.012 min
 Lab File: BF135856.D
 Acq: 18 Oct 2023 19:52

Tgt Ion:149 Resp: 281217
 Ion Ratio Lower Upper
 149 100
 91 71.1 57.4 86.0
 206 20.9 16.2 24.4

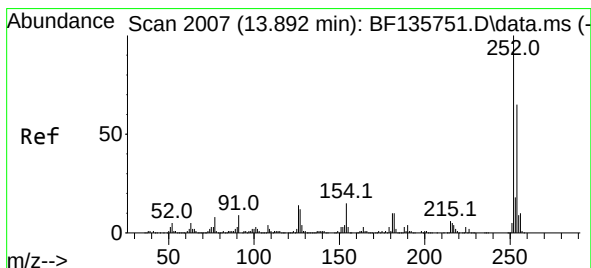
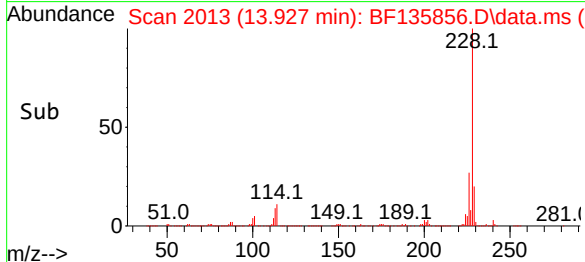
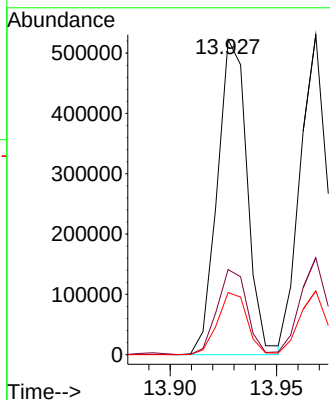
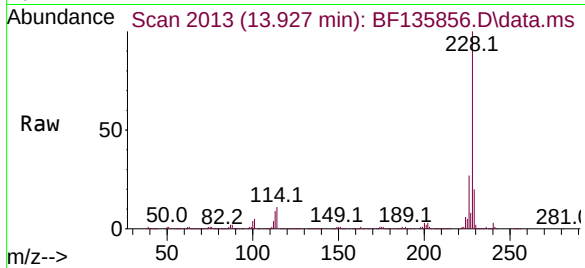




#81
Benzo(a)anthracene
Concen: 42.457 ng
RT: 13.927 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

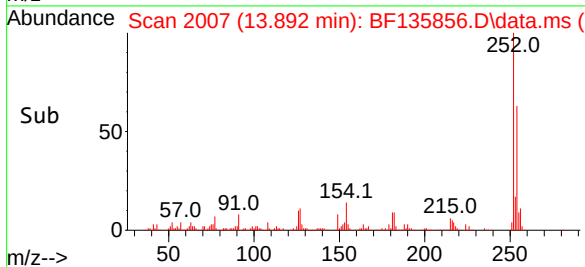
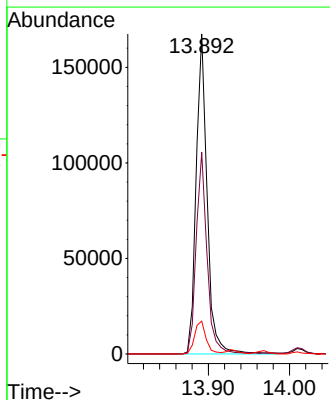
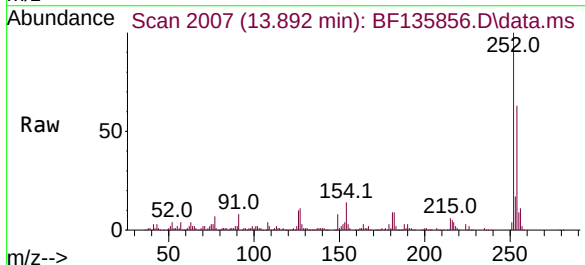
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

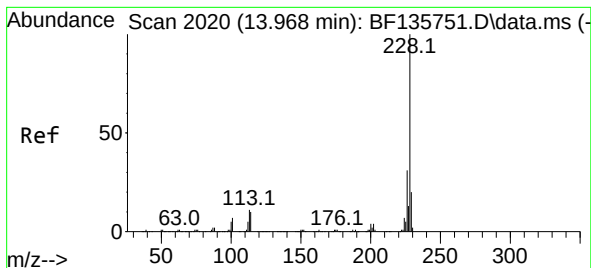
Tgt Ion:228 Resp: 509866
Ion Ratio Lower Upper
228 100
226 27.0 22.2 33.2
229 19.7 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 39.784 ng
RT: 13.892 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

Tgt Ion:252 Resp: 158454
Ion Ratio Lower Upper
252 100
254 63.0 51.8 77.6
126 10.3 11.0 16.4#





#83

Chrysene

Concen: 40.867 ng

RT: 13.968 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF135856.D

Acq: 18 Oct 2023 19:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

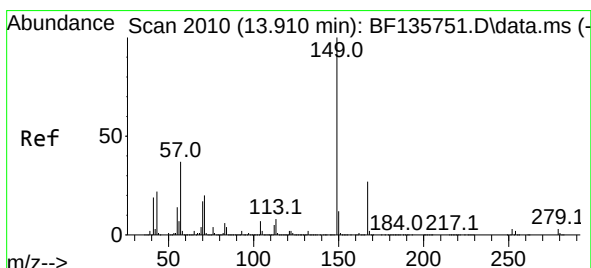
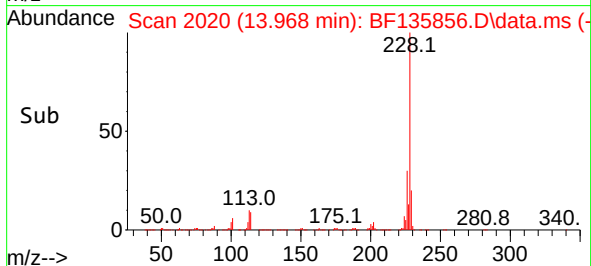
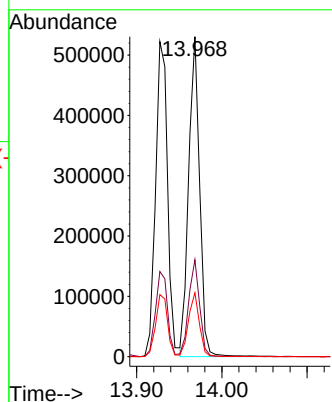
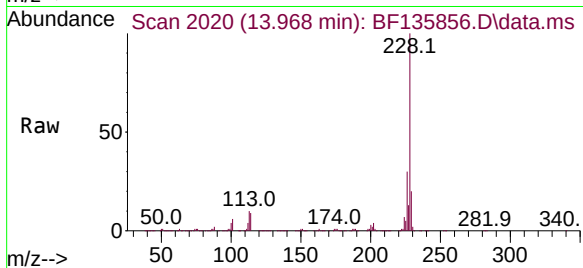
Tgt Ion:228 Resp: 475357

Ion Ratio Lower Upper

228 100

226 30.3 24.4 36.6

229 20.0 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.940 ng

RT: 13.910 min Scan# 2010

Delta R.T. -0.006 min

Lab File: BF135856.D

Acq: 18 Oct 2023 19:52

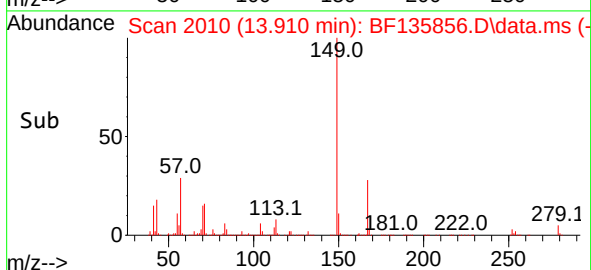
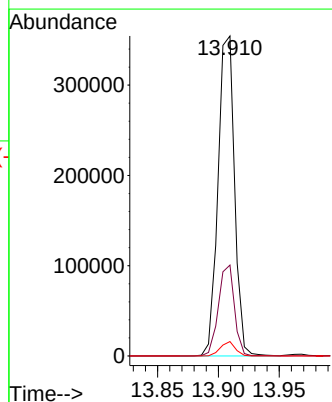
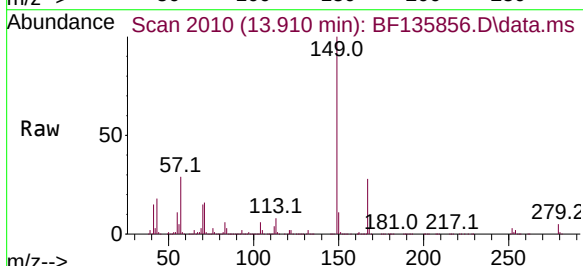
Tgt Ion:149 Resp: 336952

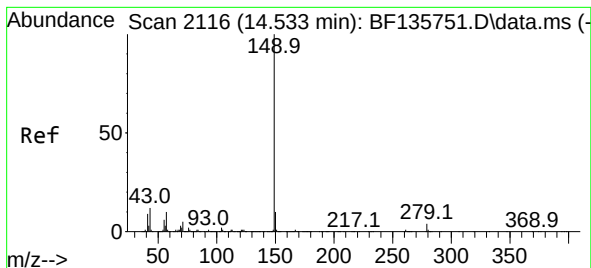
Ion Ratio Lower Upper

149 100

167 28.4 21.3 31.9

279 4.5 2.7 4.1#





#85

Di-n-octyl phthalate

Concen: 37.752 ng

RT: 14.527 min Scan# 2115

Delta R.T. -0.006 min

Lab File: BF135856.D

Acq: 18 Oct 2023 19:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

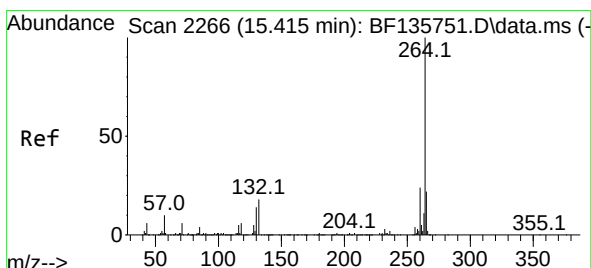
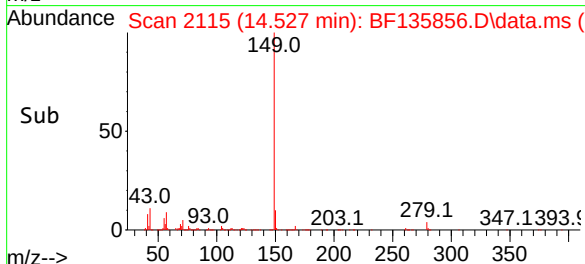
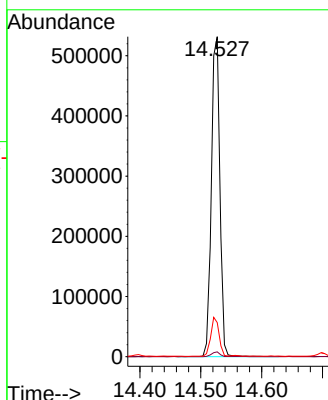
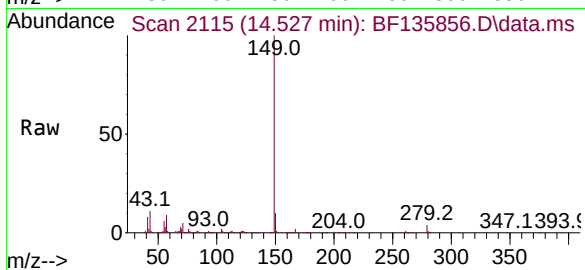
Tgt Ion:149 Resp: 518003

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 11.8 10.1 15.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.415 min Scan# 2266

Delta R.T. -0.006 min

Lab File: BF135856.D

Acq: 18 Oct 2023 19:52

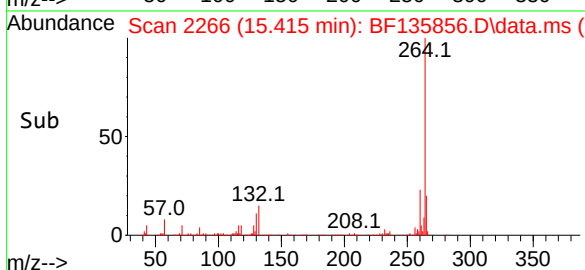
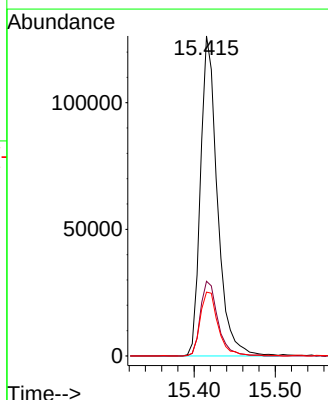
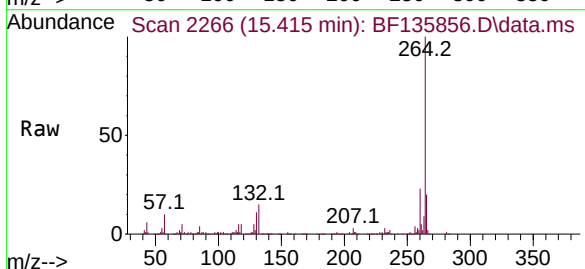
Tgt Ion:264 Resp: 182395

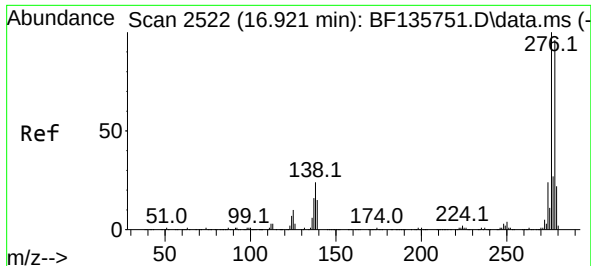
Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 19.9 17.4 26.2

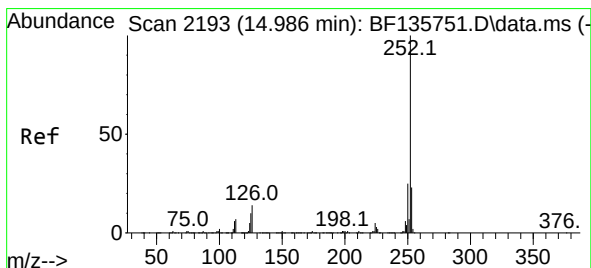
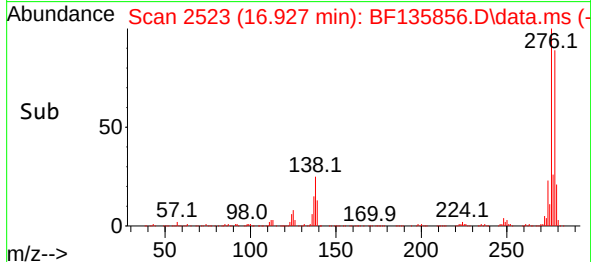
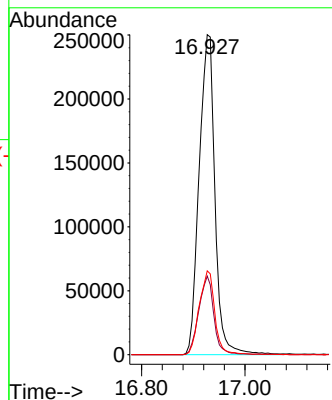
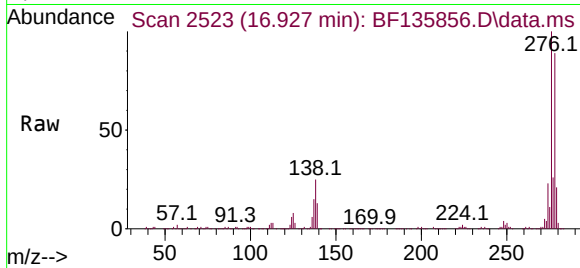




#87
Indeno(1,2,3-cd)pyrene
Concen: 53.467 ng
RT: 16.927 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

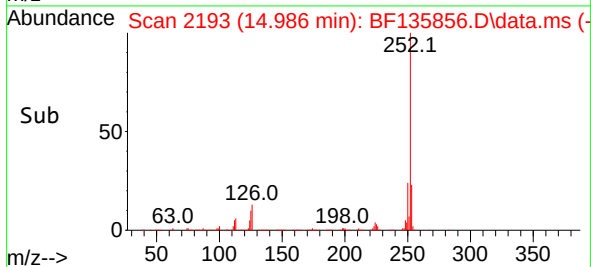
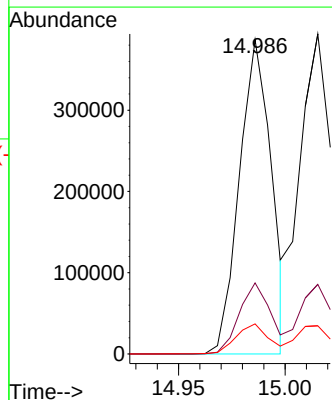
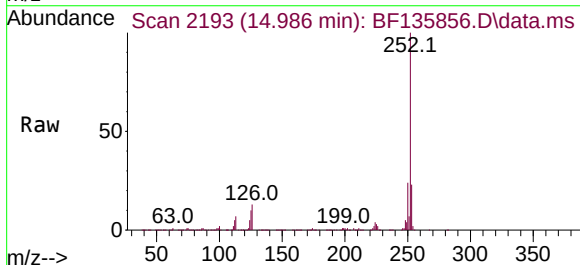
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

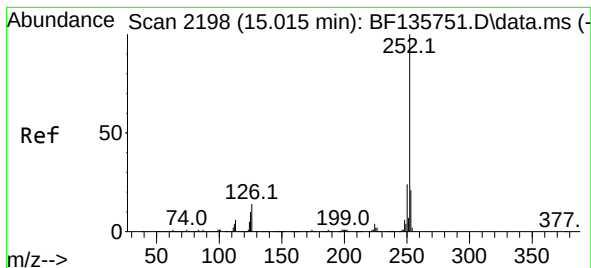
Tgt Ion:276 Resp: 531368
Ion Ratio Lower Upper
276 100
138 23.3 19.8 29.6
277 25.7 20.2 30.4



#88
Benzo(b)fluoranthene
Concen: 39.852 ng
RT: 14.986 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BF135856.D
Acq: 18 Oct 2023 19:52

Tgt Ion:252 Resp: 406808
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 9.6 8.2 12.2





#89

Benzo(k)fluoranthene

Concen: 44.430 ng

RT: 15.015 min Scan# 2198

Delta R.T. -0.006 min

Lab File: BF135856.D

Acq: 18 Oct 2023 19:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

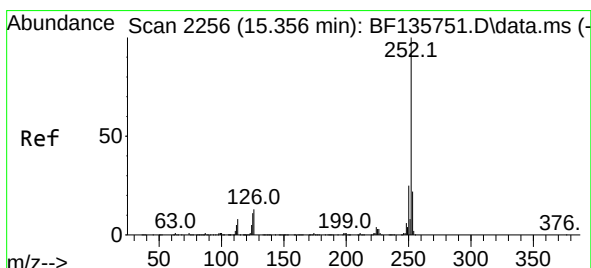
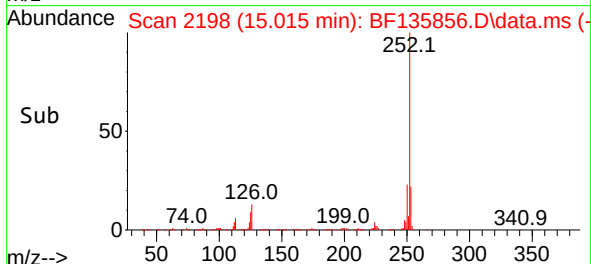
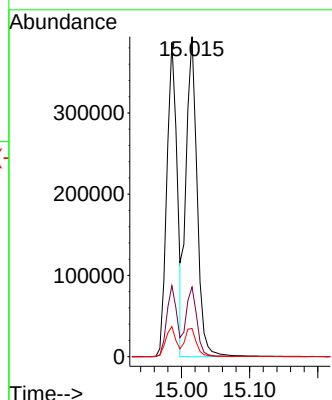
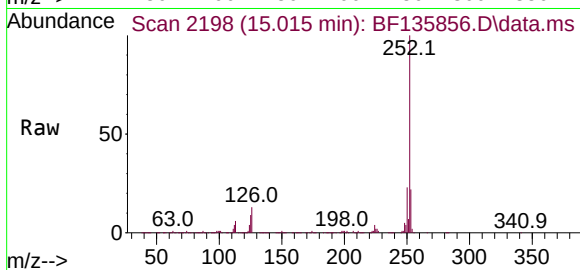
Tgt Ion:252 Resp: 440325

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

125 8.8 8.3 12.5



#90

Benzo(a)pyrene

Concen: 40.004 ng

RT: 15.356 min Scan# 2256

Delta R.T. -0.006 min

Lab File: BF135856.D

Acq: 18 Oct 2023 19:52

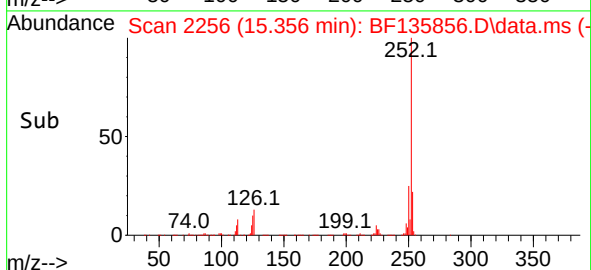
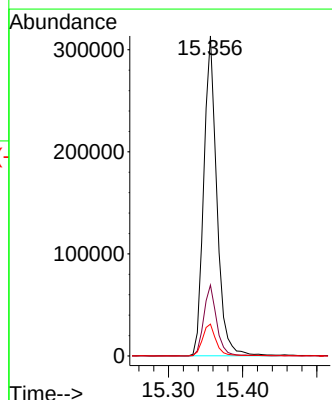
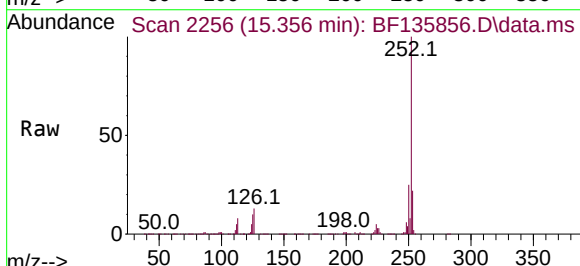
Tgt Ion:252 Resp: 383999

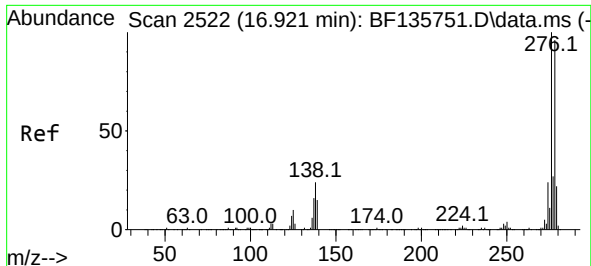
Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

125 9.9 8.8 13.2

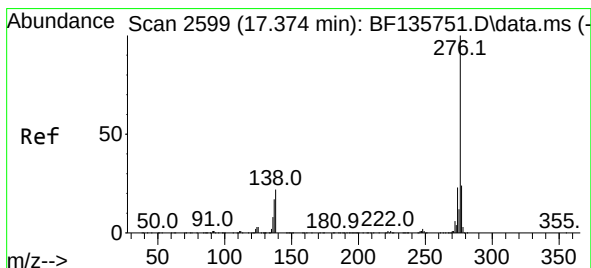
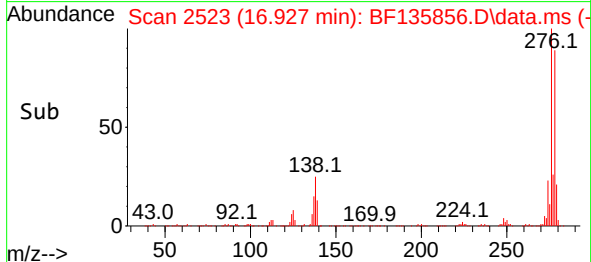
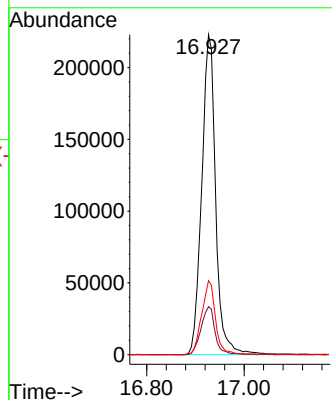
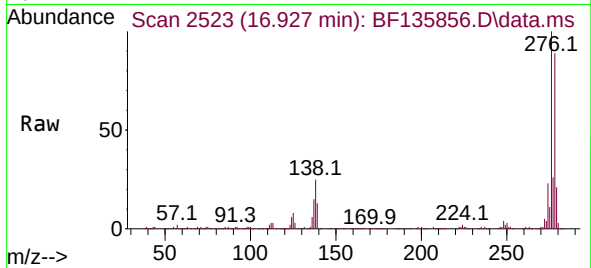




#91
 Dibenzo(a,h)anthracene
 Concen: 54.461 ng
 RT: 16.927 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF135856.D
 Acq: 18 Oct 2023 19:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:278 Resp: 443702
 Ion Ratio Lower Upper
 278 100
 139 15.0 12.5 18.7
 279 23.2 18.6 27.8



#92
 Benzo(g,h,i)perylene
 Concen: 57.913 ng
 RT: 17.380 min Scan# 2600
 Delta R.T. -0.006 min
 Lab File: BF135856.D
 Acq: 18 Oct 2023 19:52

Tgt Ion:276 Resp: 484665
 Ion Ratio Lower Upper
 276 100
 277 23.1 19.4 29.2
 138 19.0 17.3 25.9

