

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072524\
 Data File : BF138648.D
 Acq On : 25 Jul 2024 12:27
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 25 12:58:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	86248	20.000	ng	-0.01
21) Naphthalene-d8	8.139	136	346359	20.000	ng	-0.01
39) Acenaphthene-d10	9.892	164	184985	20.000	ng	-0.01
64) Phenanthrene-d10	11.380	188	314382	20.000	ng	0.00
76) Chrysene-d12	14.015	240	141260	20.000	ng	-0.01
86) Perylene-d12	15.480	264	154041	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	451193	82.852	ng	-0.02
7) Phenol-d6	6.498	99	604232	83.406	ng	0.00
23) Nitrobenzene-d5	7.422	82	573433	81.286	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	142483	82.414	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	959601	81.075	ng	-0.01
79) Terphenyl-d14	12.957	244	752042	86.731	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.628	88	98798	40.963	ng	96
3) Pyridine	3.381	79	247672	41.640	ng	95
4) n-Nitrosodimethylamine	3.346	42	152223	39.314	ng	91
6) Aniline	6.522	93	276200	40.704	ng	# 73
8) 2-Chlorophenol	6.645	128	236951	41.149	ng	97
9) Benzaldehyde	6.410	77	153928	39.696	ng	98
10) Phenol	6.510	94	320054	41.621	ng	90
11) bis(2-Chloroethyl)ether	6.592	93	239857	41.429	ng	98
12) 1,3-Dichlorobenzene	6.798	146	264943	40.933	ng	99
13) 1,4-Dichlorobenzene	6.875	146	264180	40.192	ng	99
14) 1,2-Dichlorobenzene	7.028	146	247301	40.397	ng	98
15) Benzyl Alcohol	7.004	79	229697	42.248	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.133	45	416696	36.599	ng	91
17) 2-Methylphenol	7.116	107	199675	42.310	ng	96
18) Hexachloroethane	7.369	117	100631	41.646	ng	97
19) n-Nitroso-di-n-propyla...	7.275	70	180378	40.295	ng	93
20) 3+4-Methylphenols	7.269	107	244024	41.062	ng	97
22) Acetophenone	7.269	105	335975	39.940	ng	99
24) Nitrobenzene	7.445	77	293540	40.946	ng	97
25) Isophorone	7.681	82	485016	40.035	ng	99
26) 2-Nitrophenol	7.757	139	128280	41.750	ng	96
27) 2,4-Dimethylphenol	7.792	122	151966	40.241	ng	100
28) bis(2-Chloroethoxy)met...	7.886	93	297430	41.080	ng	98
29) 2,4-Dichlorophenol	7.998	162	193831	39.525	ng	98
30) 1,2,4-Trichlorobenzene	8.081	180	215952	37.801	ng	99
31) Naphthalene	8.163	128	721663	40.062	ng	100
32) Benzoic acid	7.928	122	123623	34.322	ng	92
33) 4-Chloroaniline	8.210	127	249848	39.531	ng	99
34) Hexachlorobutadiene	8.275	225	132757	37.737	ng	100
35) Caprolactam	8.592	113	63210	39.944	ng	99
36) 4-Chloro-3-methylphenol	8.698	107	224398	40.873	ng	99
37) 2-Methylnaphthalene	8.851	142	455131	39.262	ng	100
38) 1-Methylnaphthalene	8.951	142	446776	39.491	ng	99
40) 1,2,4,5-Tetrachloroben...	9.016	216	203998	39.568	ng	99
41) Hexachlorocyclopentadiene	8.998	237	71615	42.795	ng	98
43) 2,4,6-Trichlorophenol	9.133	196	129265	39.306	ng	97

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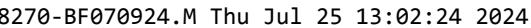
Instrument :
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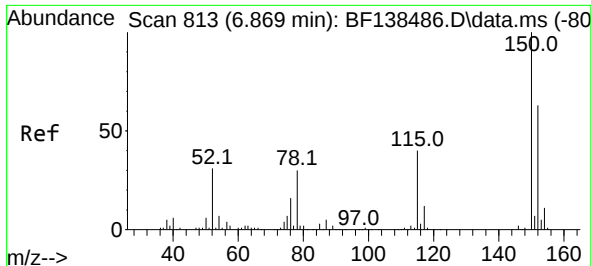
Quant Time: Jul 25 12:58:31 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	139638	38.604	ng	# 94
46) 1,1'-Biphenyl	9.316	154	570319	40.682	ng	98
47) 2-Chloronaphthalene	9.339	162	425228	40.151	ng	98
48) 2-Nitroaniline	9.439	65	155462	42.360	ng	97
49) Acenaphthylene	9.757	152	615906	40.961	ng	99
50) Dimethylphthalate	9.616	163	492209	41.149	ng	100
51) 2,6-Dinitrotoluene	9.680	165	114097	41.428	ng	89
52) Acenaphthene	9.927	154	410268	41.047	ng	99
53) 3-Nitroaniline	9.851	138	114090	40.418	ng	93
54) 2,4-Dinitrophenol	9.963	184	50647	36.934	ng	92
55) Dibenzofuran	10.098	168	583125	40.223	ng	99
56) 4-Nitrophenol	10.016	139	71989	34.564	ng	98
57) 2,4-Dinitrotoluene	10.086	165	148156	41.577	ng	94
58) Fluorene	10.439	166	467983	40.797	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	108669	38.067	ng	96
60) Diethylphthalate	10.310	149	472367	40.964	ng	99
61) 4-Chlorophenyl-phenyle...	10.433	204	223212	38.751	ng	95
62) 4-Nitroaniline	10.463	138	110060	38.909	ng	98
63) Azobenzene	10.592	77	505889	40.805	ng	98
65) 4,6-Dinitro-2-methylph...	10.498	198	78742	43.378	ng	87
66) n-Nitrosodiphenylamine	10.551	169	390009	41.406	ng	99
67) 4-Bromophenyl-phenylether	10.921	248	130816	40.484	ng	98
68) Hexachlorobenzene	10.986	284	146072	40.692	ng	99
69) Atrazine	11.074	200	113246	36.264	ng	97
70) Pentachlorophenol	11.186	266	74244	34.953	ng	97
71) Phenanthrene	11.404	178	643263	40.500	ng	99
72) Anthracene	11.457	178	633889	40.205	ng	100
73) Carbazole	11.610	167	561607	39.637	ng	99
74) Di-n-butylphthalate	11.933	149	672096	41.152	ng	99
75) Fluoranthene	12.592	202	613643	37.863	ng	98
77) Benzidine	12.710	184	121828	34.183	ng	99
78) Pyrene	12.821	202	604039	42.123	ng	100
80) Butylbenzylphthalate	13.433	149	192590	44.646	ng	99
81) Benzo(a)anthracene	14.004	228	381575	40.257	ng	100
82) 3,3'-Dichlorobenzidine	13.968	252	103840	42.516	ng	99
83) Chrysene	14.039	228	356658	39.776	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	207747	45.156	ng	99
85) Di-n-octyl phthalate	14.598	149	330885	45.527	ng	99
87) Indeno(1,2,3-cd)pyrene	16.951	276	406248	39.263	ng	100
88) Benzo(b)fluoranthene	15.051	252	373747	43.083	ng	100
89) Benzo(k)fluoranthene	15.080	252	282289	33.364	ng	99
90) Benzo(a)pyrene	15.415	252	303631	39.843	ng	100
91) Dibenzo(a,h)anthracene	16.968	278	324182	38.302	ng	99
92) Benzo(g,h,i)perylene	17.398	276	343658	38.290	ng	97

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

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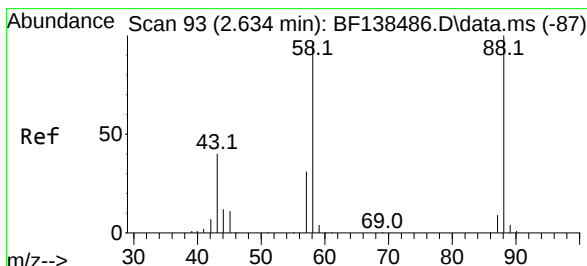
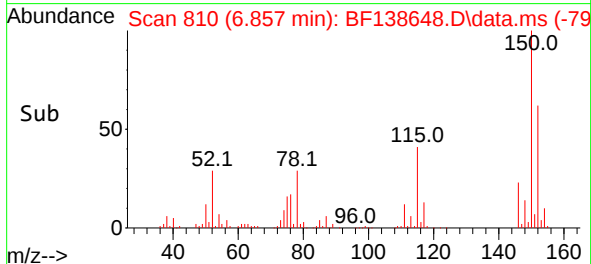
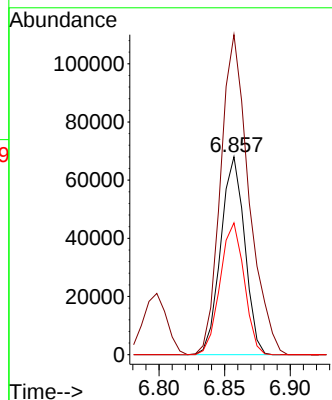
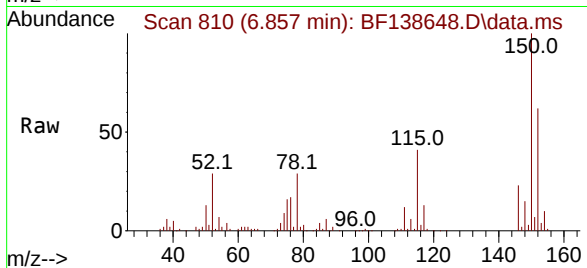




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.857 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BF138648.D
 Acq: 25 Jul 2024 12:27

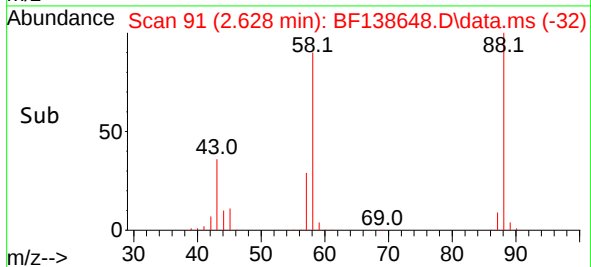
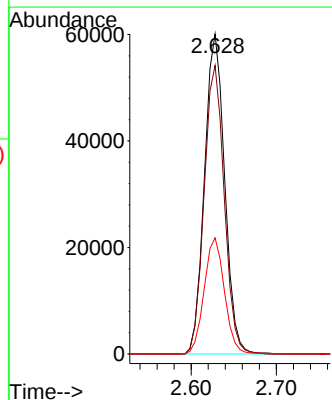
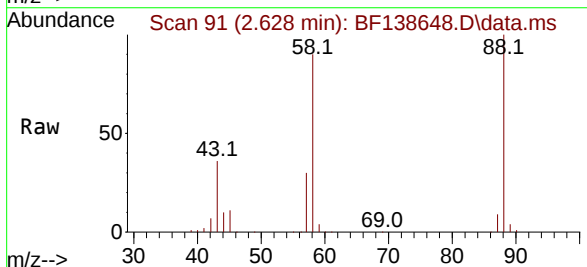
Instrument :
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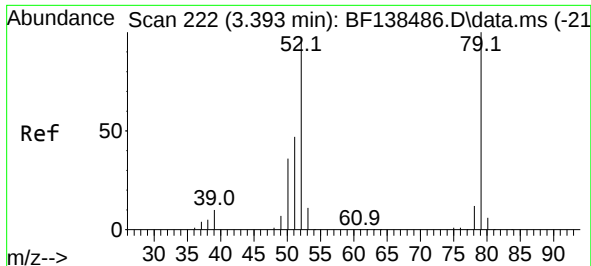
Tgt Ion:152 Resp: 86248
 Ion Ratio Lower Upper
 152 100
 150 161.7 126.2 189.4
 115 66.6 50.3 75.5



#2
 1,4-Dioxane
 Concen: 40.963 ng
 RT: 2.628 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: BF138648.D
 Acq: 25 Jul 2024 12:27

Tgt Ion: 88 Resp: 98798
 Ion Ratio Lower Upper
 88 100
 58 89.8 74.6 112.0
 43 36.6 31.8 47.6





#3

Pyridine

Concen: 41.640 ng

RT: 3.381 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF138648.D

Acq: 25 Jul 2024 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

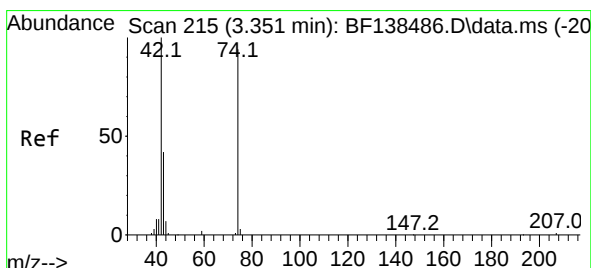
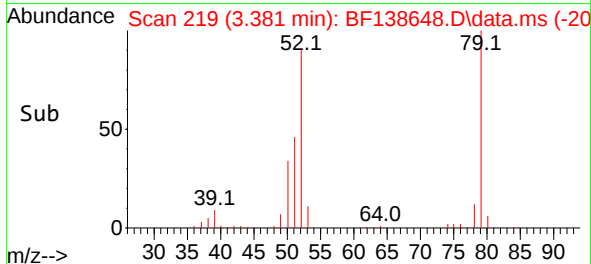
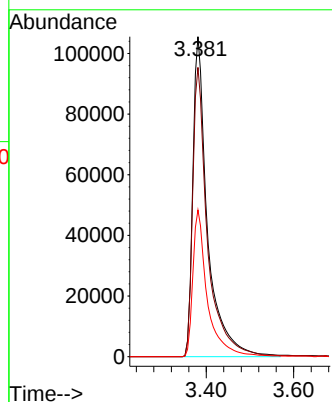
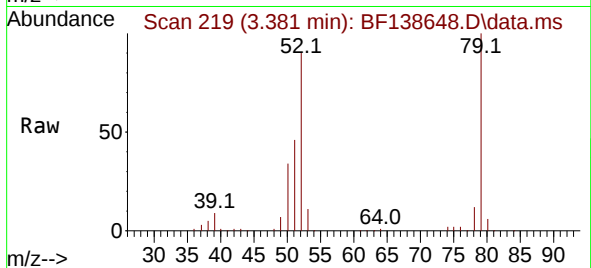
Tgt Ion: 79 Resp: 247672

Ion Ratio Lower Upper

79 100

52 90.4 77.4 116.2

51 45.9 37.4 56.0



#4

n-Nitrosodimethylamine

Concen: 39.314 ng

RT: 3.346 min Scan# 213

Delta R.T. -0.006 min

Lab File: BF138648.D

Acq: 25 Jul 2024 12:27

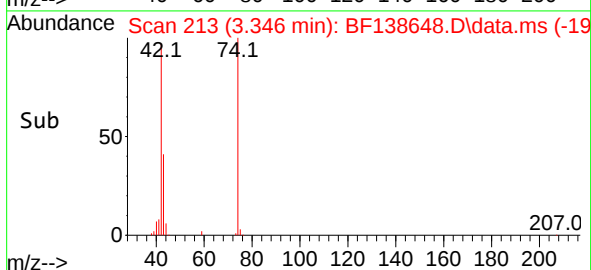
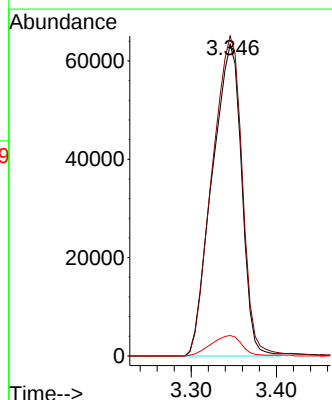
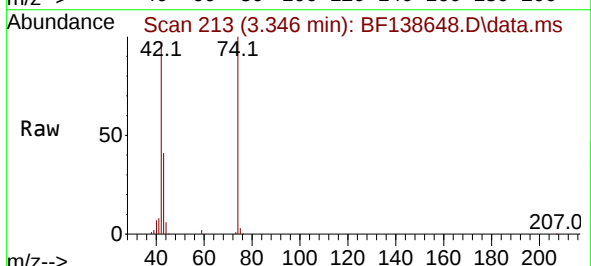
Tgt Ion: 42 Resp: 152223

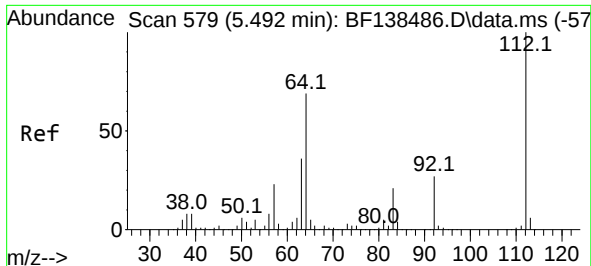
Ion Ratio Lower Upper

42 100

74 102.7 75.0 112.6

44 6.6 5.4 8.2

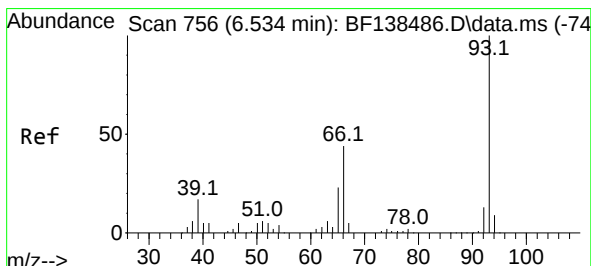
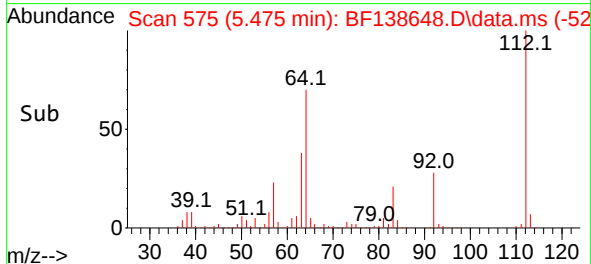
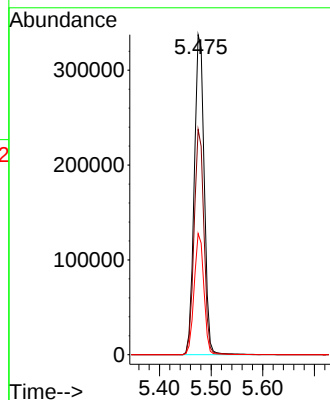
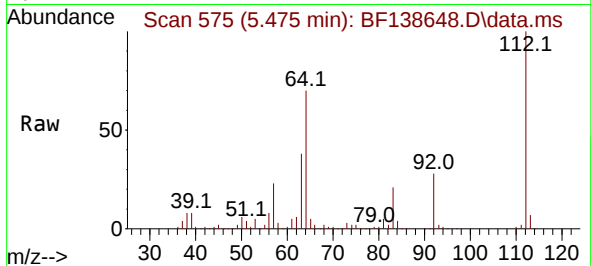




#5
2-Fluorophenol
Concen: 82.852 ng
RT: 5.475 min Scan# 51
Delta R.T. -0.018 min
Lab File: BF138648.D
Acq: 25 Jul 2024 12:27

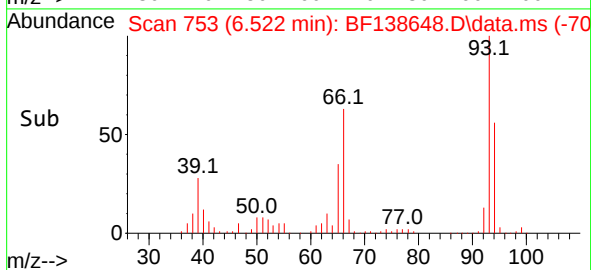
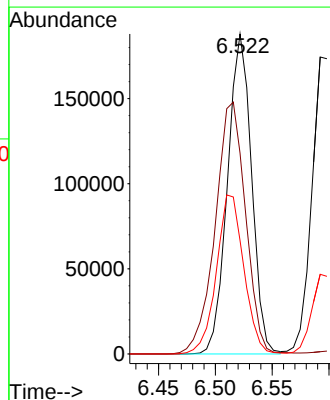
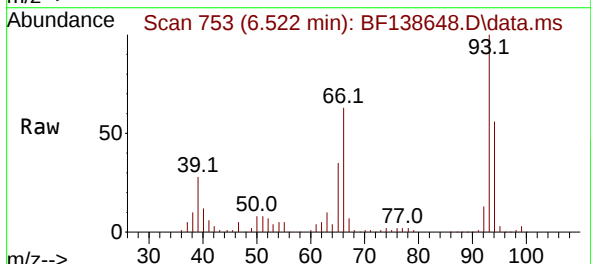
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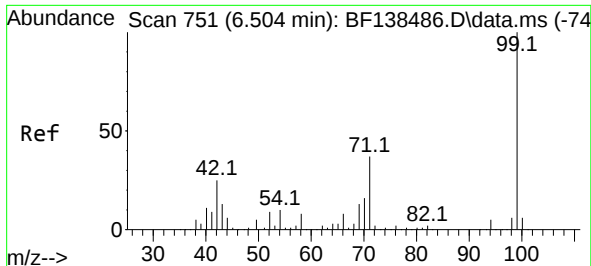
Tgt Ion:112 Resp: 451193
Ion Ratio Lower Upper
112 100
64 70.4 55.1 82.7
63 37.8 29.0 43.6



#6
Aniline
Concen: 40.704 ng
RT: 6.522 min Scan# 753
Delta R.T. -0.012 min
Lab File: BF138648.D
Acq: 25 Jul 2024 12:27

Tgt Ion: 93 Resp: 276200
Ion Ratio Lower Upper
93 100
66 62.8 35.4 53.0#
65 35.5 18.6 27.8#

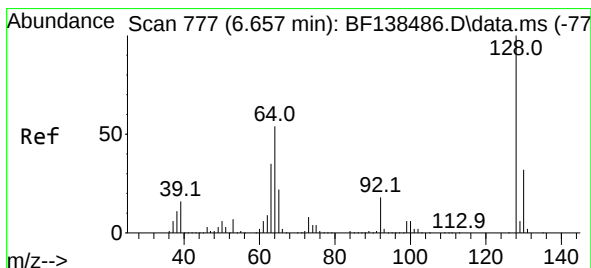
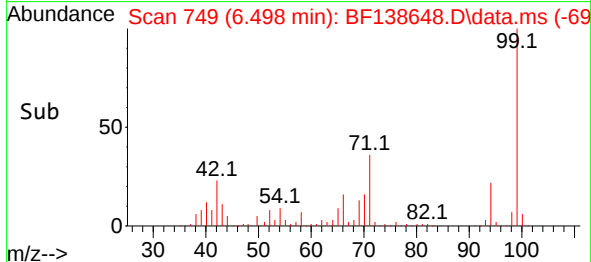
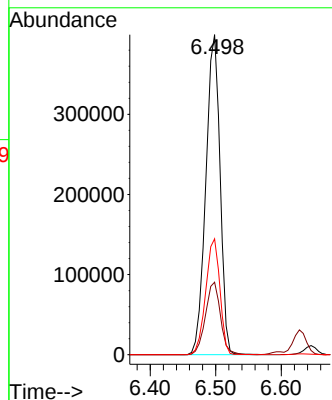
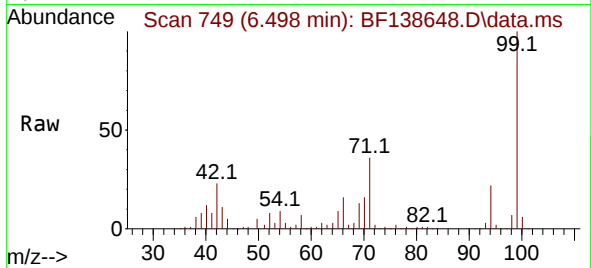




#7
Phenol-d6
Concen: 83.406 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF138648.D
Acq: 25 Jul 2024 12:27

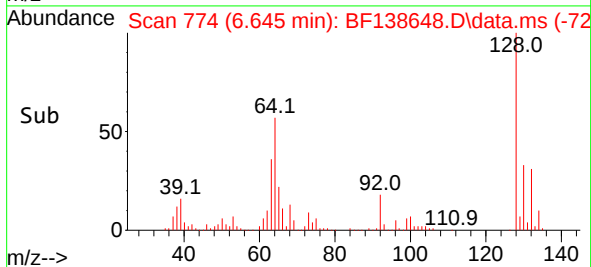
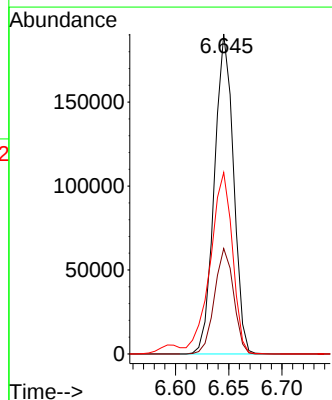
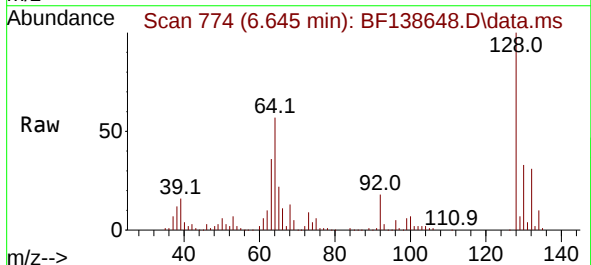
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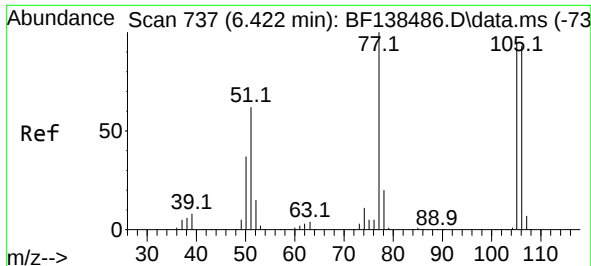
Tgt Ion: 99 Resp: 604232
Ion Ratio Lower Upper
99 100
42 22.7 19.7 29.5
71 36.2 29.9 44.9



#8
2-Chlorophenol
Concen: 41.149 ng
RT: 6.645 min Scan# 774
Delta R.T. -0.012 min
Lab File: BF138648.D
Acq: 25 Jul 2024 12:27

Tgt Ion: 128 Resp: 236951
Ion Ratio Lower Upper
128 100
130 32.9 12.1 52.1
64 56.7 34.4 74.4

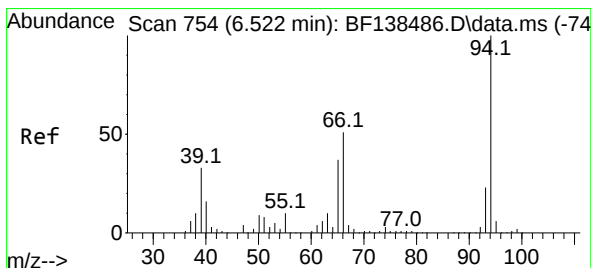
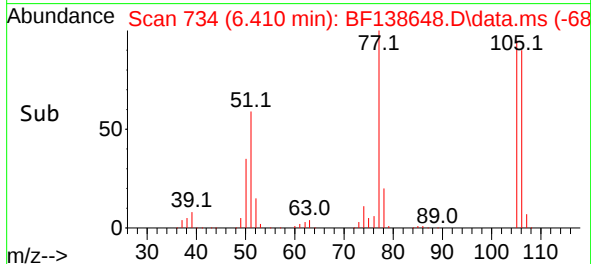
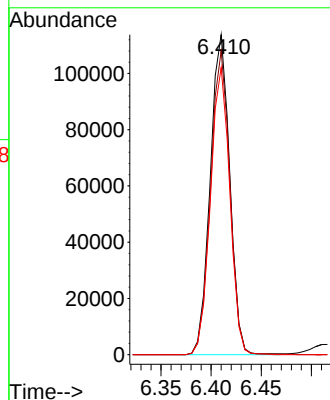
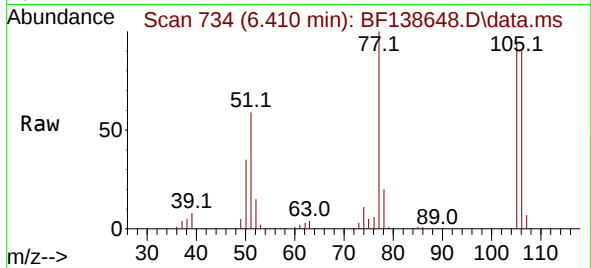




#9
Benzaldehyde
Concen: 39.696 ng
RT: 6.410 min Scan# 710
Delta R.T. -0.012 min
Lab File: BF138648.D
Acq: 25 Jul 2024 12:27

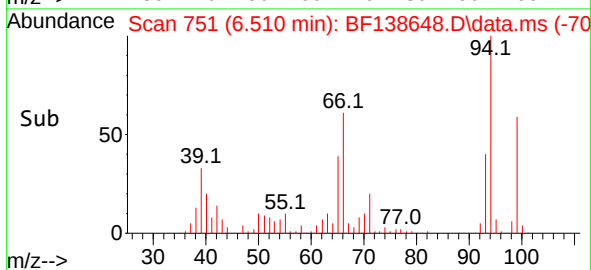
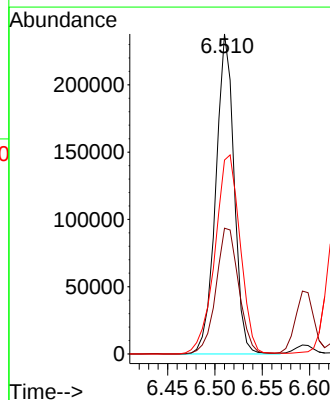
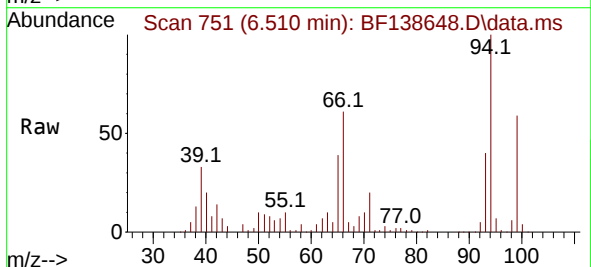
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ClientSampleId :
SSTDCCC040

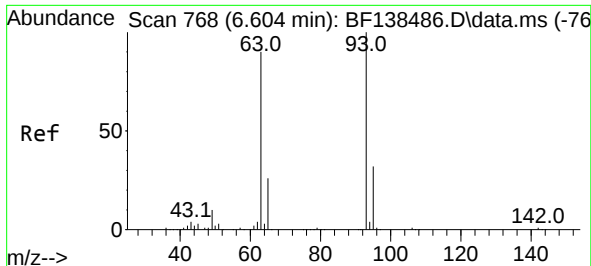
Tgt Ion: 77 Resp: 153928
Ion Ratio Lower Upper
77 100
105 94.9 75.1 115.1
106 89.7 73.2 113.2



#10
Phenol
Concen: 41.621 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.012 min
Lab File: BF138648.D
Acq: 25 Jul 2024 12:27

Tgt Ion: 94 Resp: 320054
Ion Ratio Lower Upper
94 100
65 39.3 16.7 56.7
66 60.6 31.2 71.2





#11

bis(2-Chloroethyl)ether

Concen: 41.429 ng

RT: 6.592 min Scan# 768

Delta R.T. -0.012 min

Lab File: BF138648.D

Acq: 25 Jul 2024 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

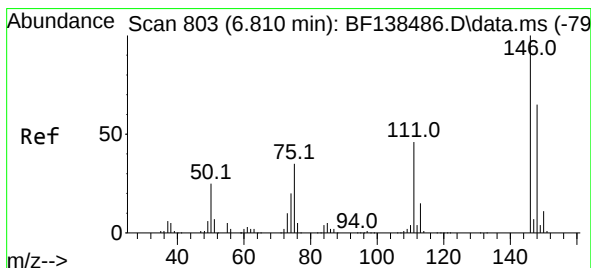
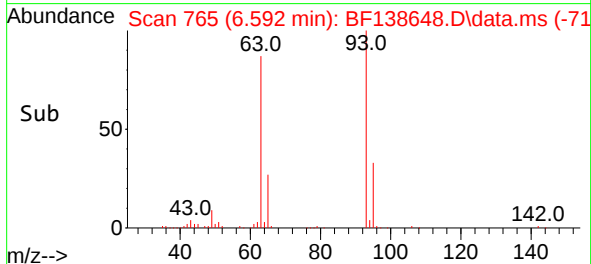
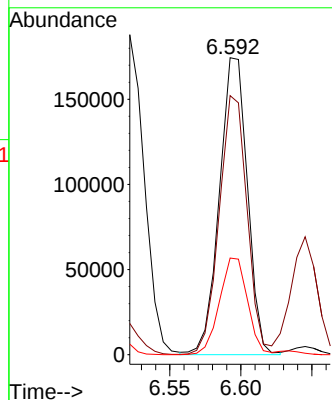
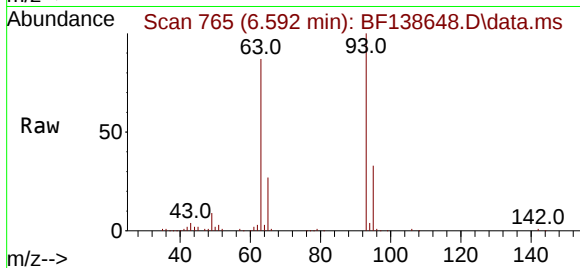
Tgt Ion: 93 Resp: 239857

Ion Ratio Lower Upper

93 100

63 87.3 68.8 108.8

95 32.6 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 40.933 ng

RT: 6.798 min Scan# 800

Delta R.T. -0.012 min

Lab File: BF138648.D

Acq: 25 Jul 2024 12:27

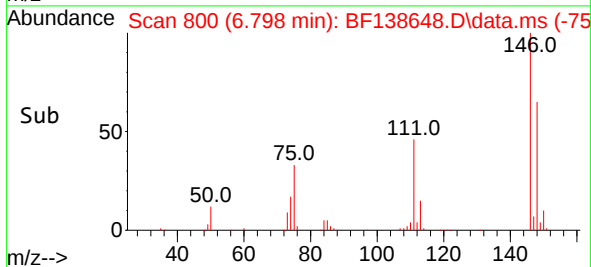
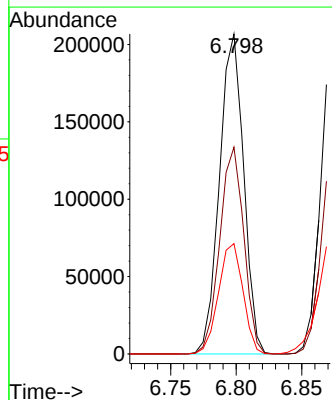
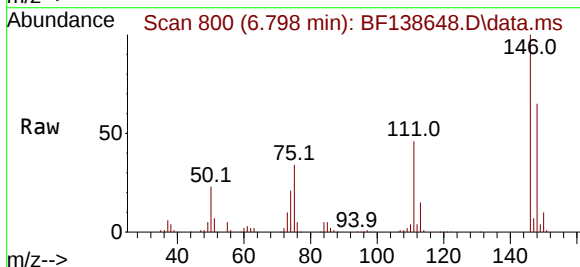
Tgt Ion: 146 Resp: 264943

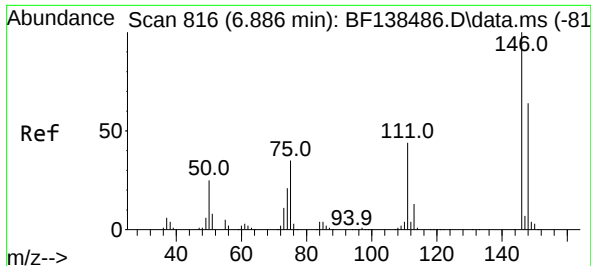
Ion Ratio Lower Upper

146 100

148 64.6 52.4 78.6

75 34.5 27.8 41.8

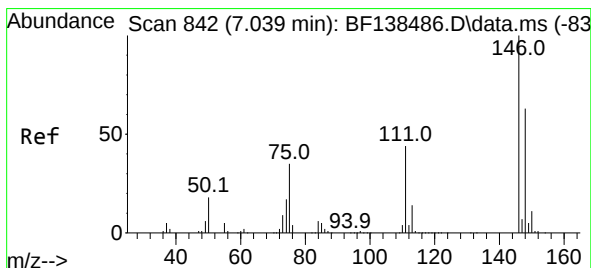
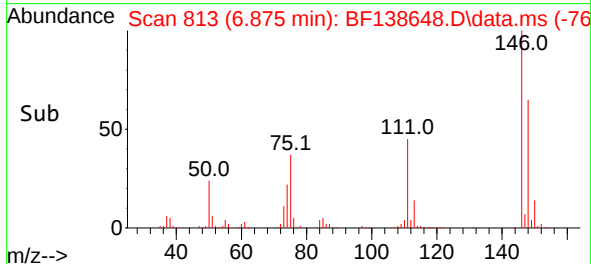
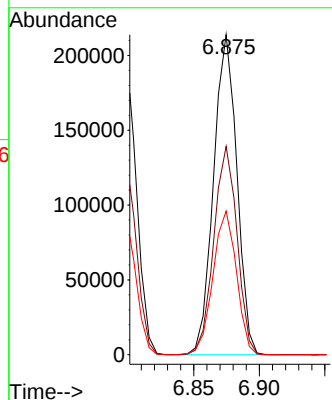
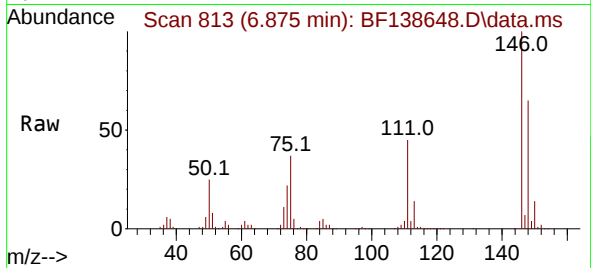




#13
1,4-Dichlorobenzene
Concen: 40.192 ng
RT: 6.875 min Scan# 816
Delta R.T. -0.012 min
Lab File: BF138648.D
Acq: 25 Jul 2024 12:27

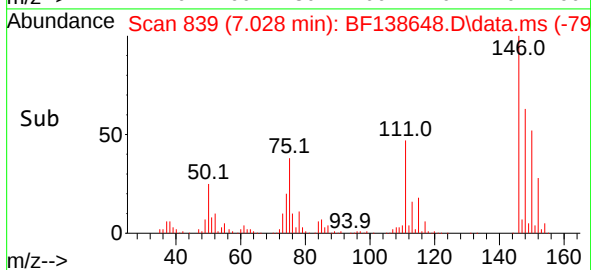
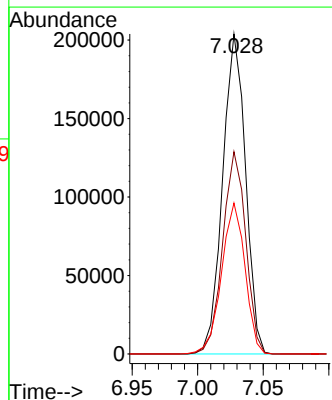
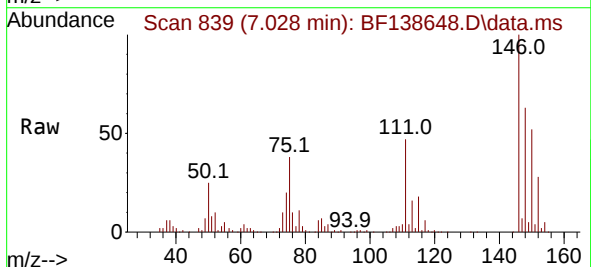
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

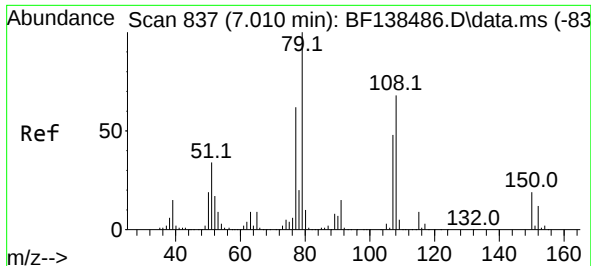
Tgt Ion:146 Resp: 264180
Ion Ratio Lower Upper
146 100
148 65.1 51.6 77.4
111 44.9 34.9 52.3



#14
1,2-Dichlorobenzene
Concen: 40.397 ng
RT: 7.028 min Scan# 839
Delta R.T. -0.012 min
Lab File: BF138648.D
Acq: 25 Jul 2024 12:27

Tgt Ion:146 Resp: 247301
Ion Ratio Lower Upper
146 100
148 63.2 50.1 75.1
111 47.2 35.5 53.3

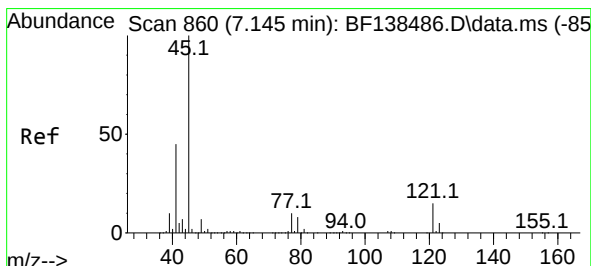
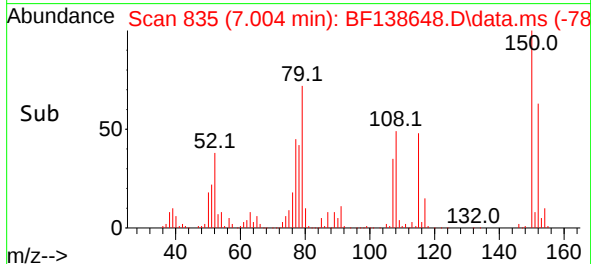
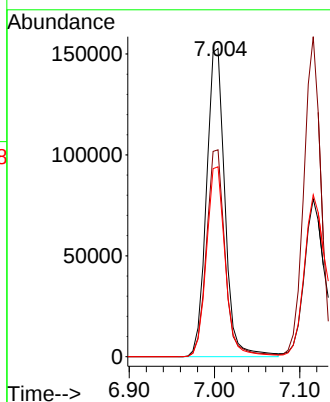
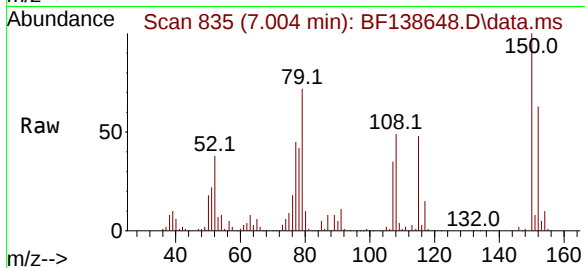




#15
Benzyl Alcohol
Concen: 42.248 ng
RT: 7.004 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138648.D
Acq: 25 Jul 2024 12:27

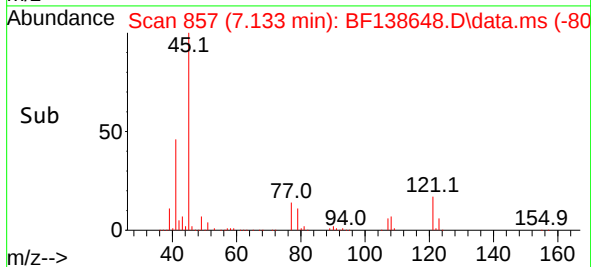
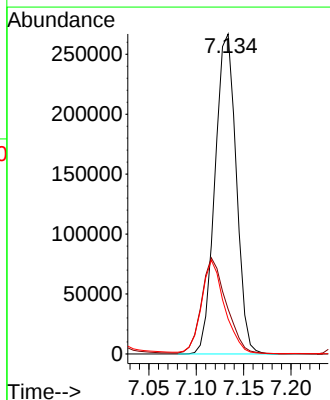
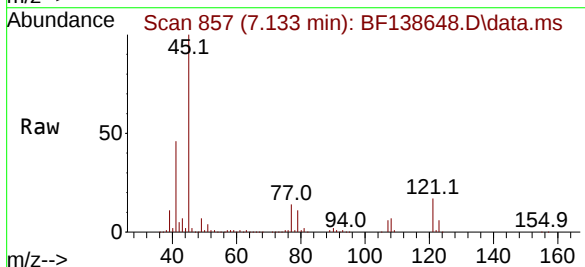
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

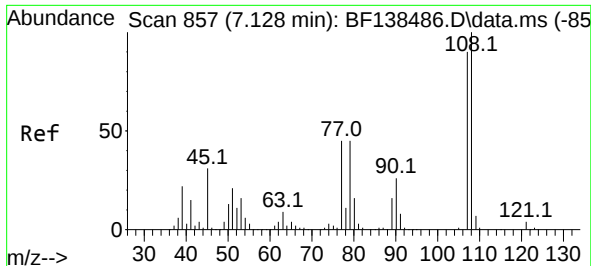
Tgt Ion: 79 Resp: 229697
Ion Ratio Lower Upper
79 100
108 67.2 54.3 81.5
77 61.6 50.0 75.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 36.599 ng
RT: 7.133 min Scan# 857
Delta R.T. -0.012 min
Lab File: BF138648.D
Acq: 25 Jul 2024 12:27

Tgt Ion: 45 Resp: 416696
Ion Ratio Lower Upper
45 100
77 14.0 0.0 30.4
79 11.0 0.0 28.1





#17

2-Methylphenol

Concen: 42.310 ng

RT: 7.116 min Scan# 8

Delta R.T. -0.012 min

Lab File: BF138648.D

Acq: 25 Jul 2024 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 199675

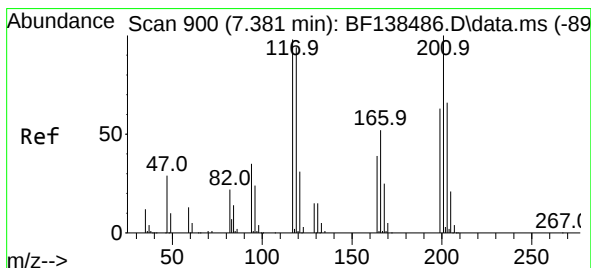
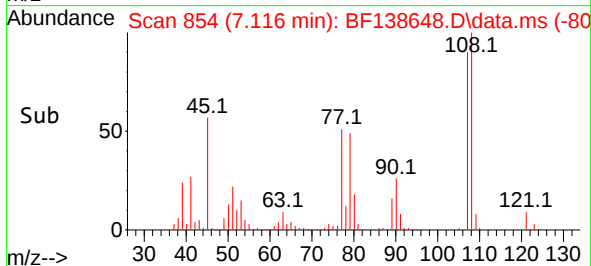
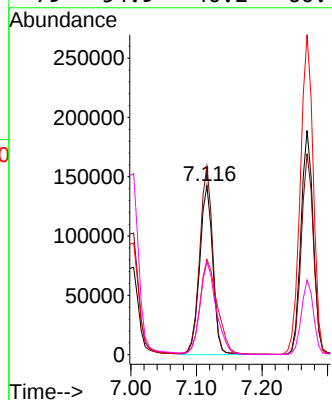
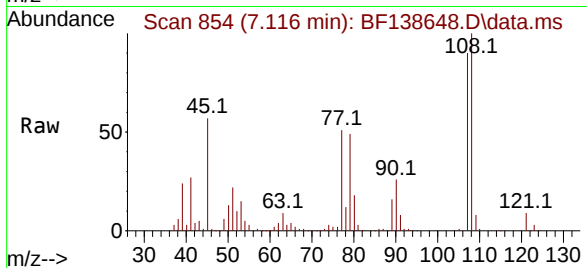
Ion Ratio Lower Upper

107 100

108 111.2 89.0 133.4

77 56.3 40.3 60.5

79 54.9 40.2 60.4



#18

Hexachloroethane

Concen: 41.646 ng

RT: 7.369 min Scan# 897

Delta R.T. -0.012 min

Lab File: BF138648.D

Acq: 25 Jul 2024 12:27

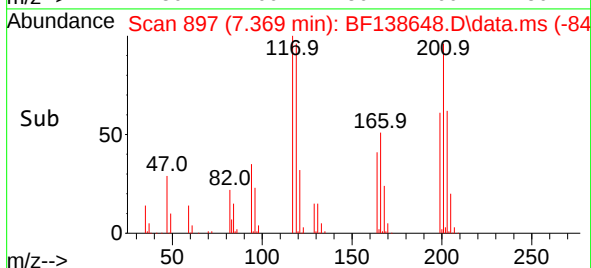
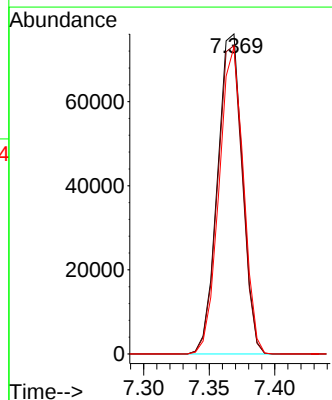
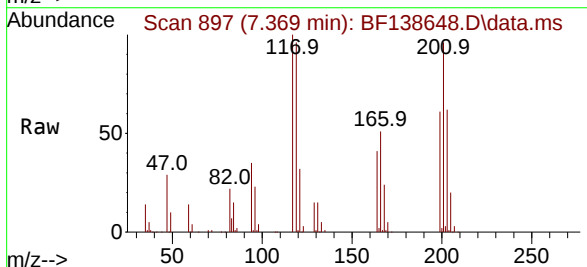
Tgt Ion:117 Resp: 100631

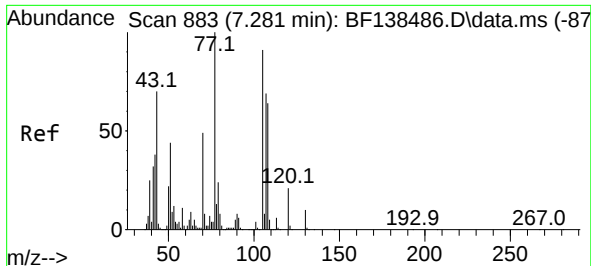
Ion Ratio Lower Upper

117 100

119 96.4 76.6 114.8

201 96.0 81.4 122.0

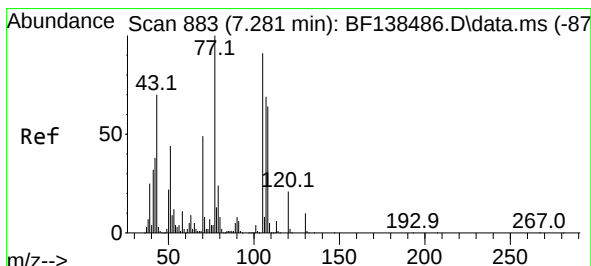
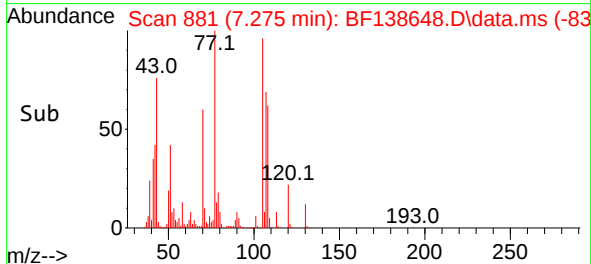
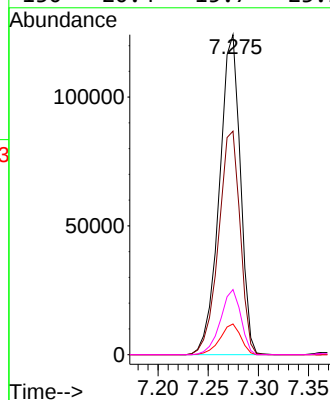
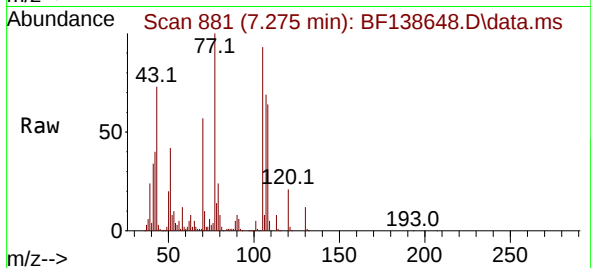




#19
n-Nitroso-di-n-propylamine
Concen: 40.295 ng
RT: 7.275 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138648.D
Acq: 25 Jul 2024 12:27

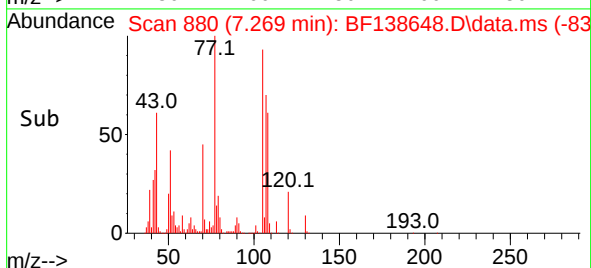
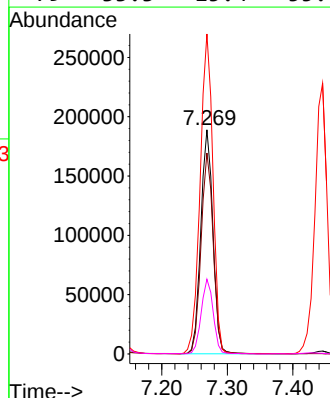
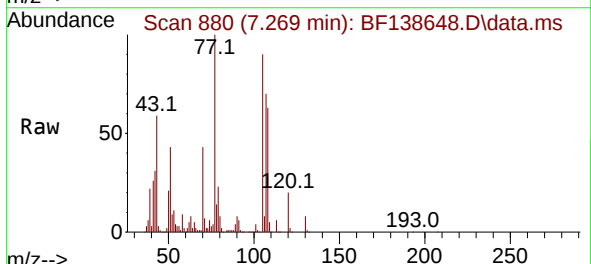
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

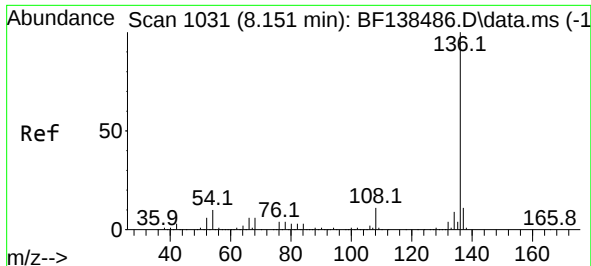
Tgt Ion: 70 Resp: 180378
Ion Ratio Lower Upper
70 100
42 69.9 62.4 93.6
101 9.6 7.2 10.8
130 20.4 15.7 23.5



#20
3+4-Methylphenols
Concen: 41.062 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF138648.D
Acq: 25 Jul 2024 12:27

Tgt Ion:107 Resp: 244024
Ion Ratio Lower Upper
107 100
108 89.7 73.7 113.7
77 142.8 126.0 166.0
79 33.3 15.4 55.4

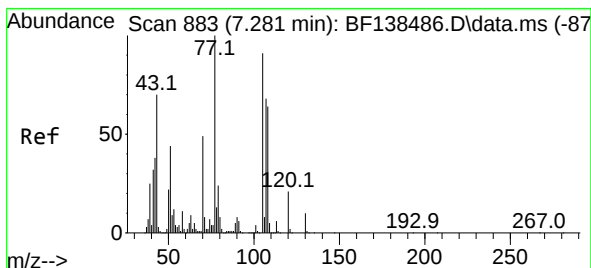
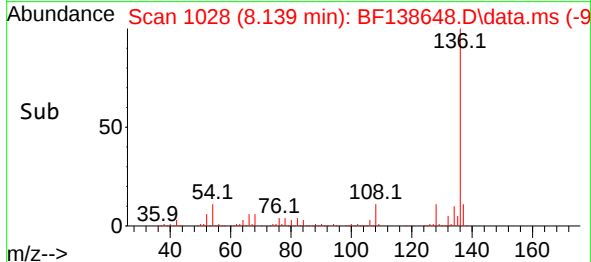
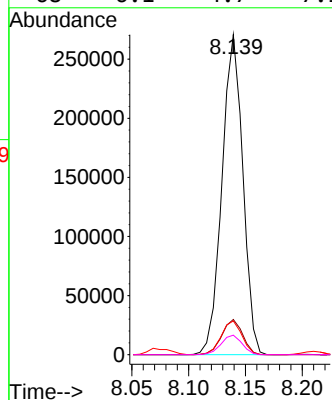
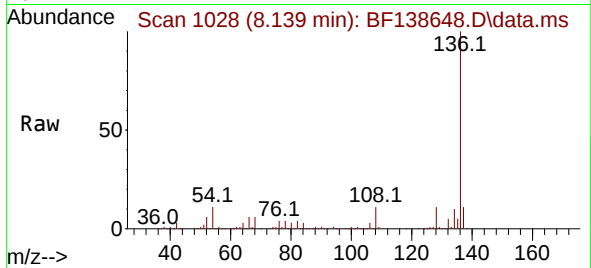




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BF138648.D
Acq: 25 Jul 2024 12:27

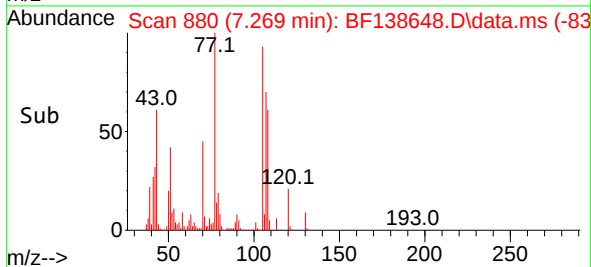
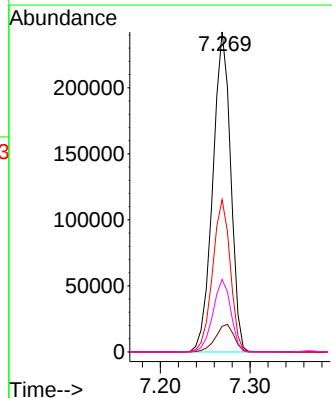
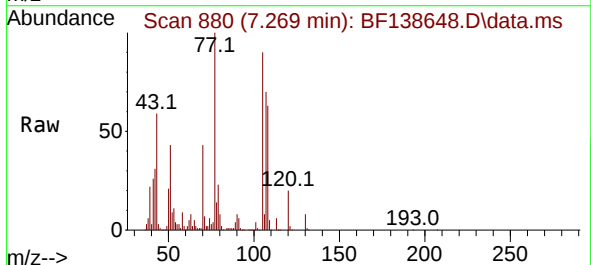
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

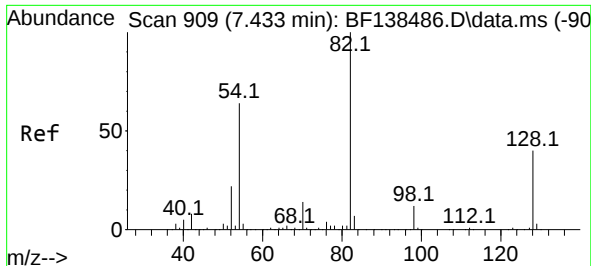
Tgt Ion:136 Resp: 346359
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 10.6 8.1 12.1
68 6.1 4.7 7.1



#22
Acetophenone
Concen: 39.940 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF138648.D
Acq: 25 Jul 2024 12:27

Tgt Ion:105 Resp: 335975
Ion Ratio Lower Upper
105 100
71 8.0 7.4 11.2
51 47.6 38.7 58.1
120 22.7 18.2 27.2





#23

Nitrobenzene-d5

Concen: 81.286 ng

RT: 7.422 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF138648.D

Acq: 25 Jul 2024 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

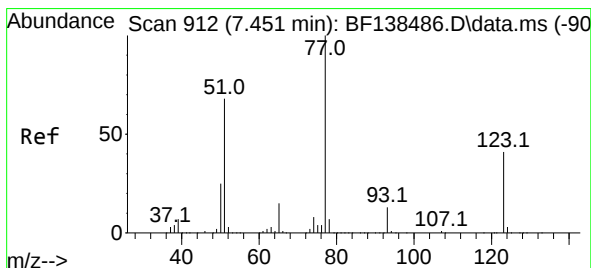
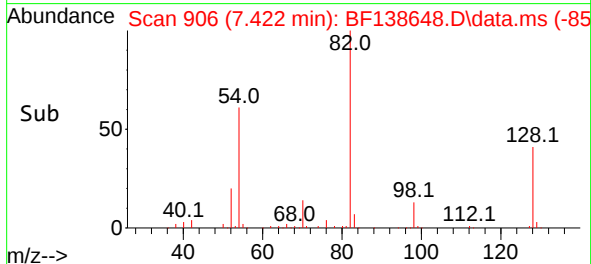
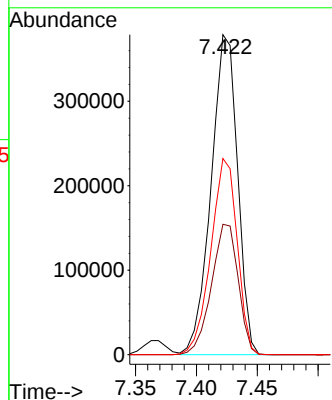
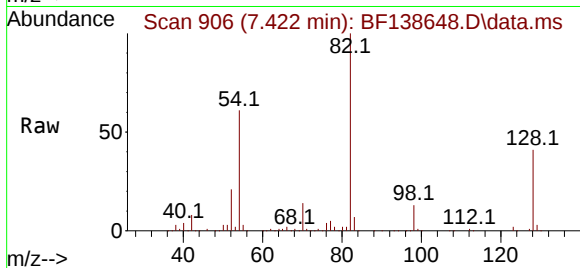
Tgt Ion: 82 Resp: 573433

Ion Ratio Lower Upper

82 100

128 40.8 32.3 48.5

54 61.3 51.4 77.0



#24

Nitrobenzene

Concen: 40.946 ng

RT: 7.445 min Scan# 910

Delta R.T. -0.006 min

Lab File: BF138648.D

Acq: 25 Jul 2024 12:27

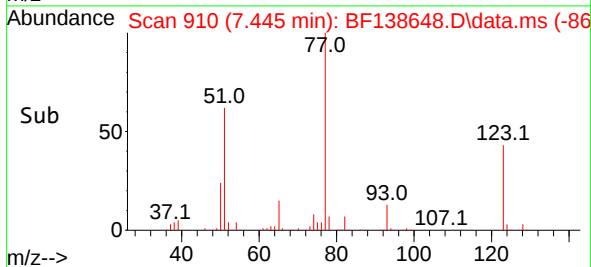
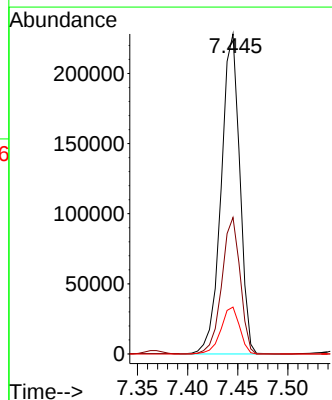
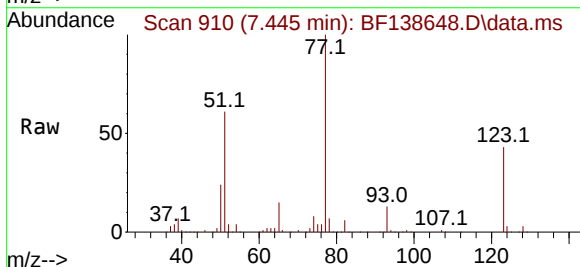
Tgt Ion: 77 Resp: 293540

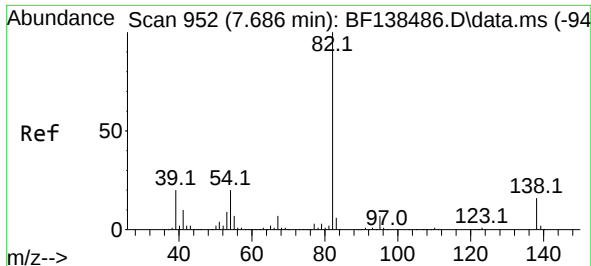
Ion Ratio Lower Upper

77 100

123 42.6 32.4 48.6

65 14.7 11.8 17.8

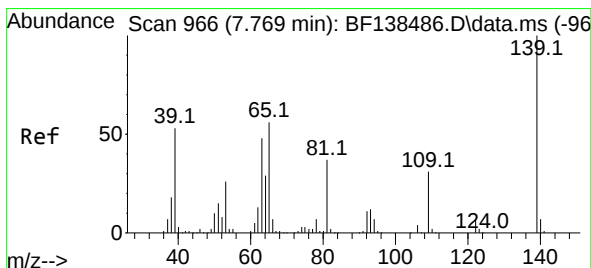
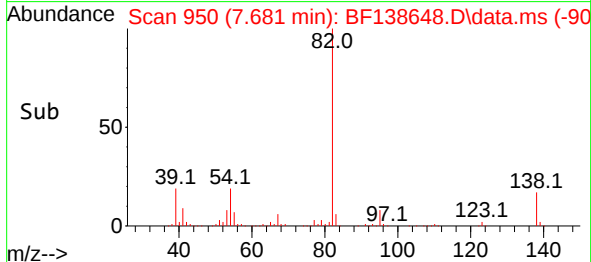
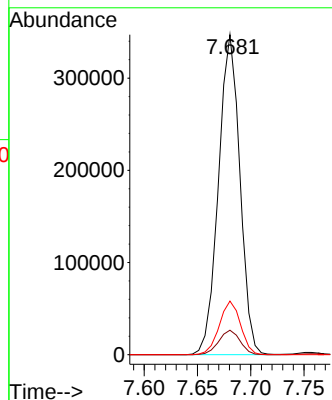
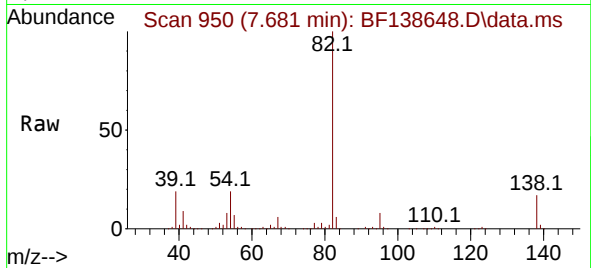




#25
Isophorone
Concen: 40.035 ng
RT: 7.681 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF138648.D
Acq: 25 Jul 2024 12:27

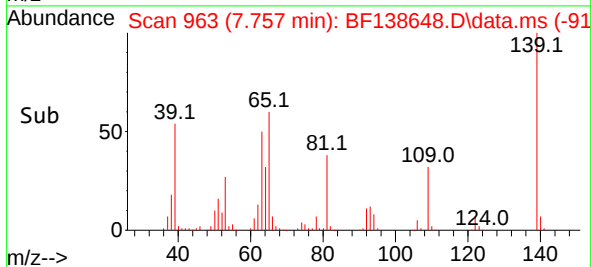
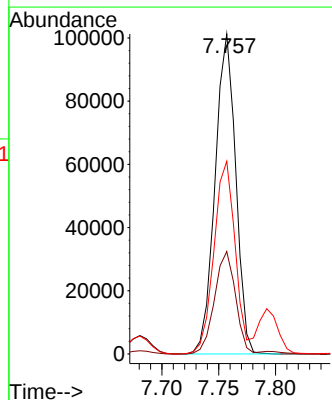
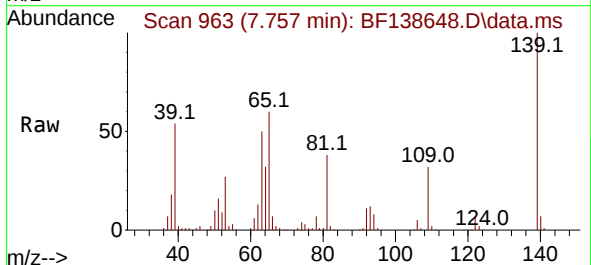
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

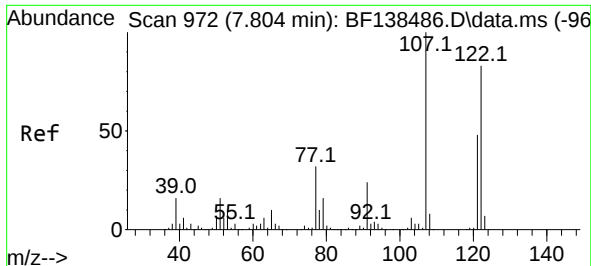
Tgt Ion: 82 Resp: 485016
Ion Ratio Lower Upper
82 100
95 7.7 6.0 9.0
138 16.8 12.8 19.2



#26
2-Nitrophenol
Concen: 41.750 ng
RT: 7.757 min Scan# 963
Delta R.T. -0.012 min
Lab File: BF138648.D
Acq: 25 Jul 2024 12:27

Tgt Ion:139 Resp: 128280
Ion Ratio Lower Upper
139 100
109 32.0 24.8 37.2
65 60.2 45.1 67.7

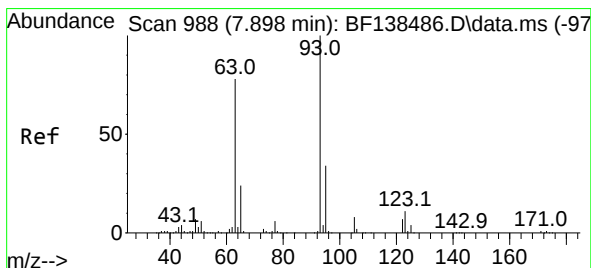
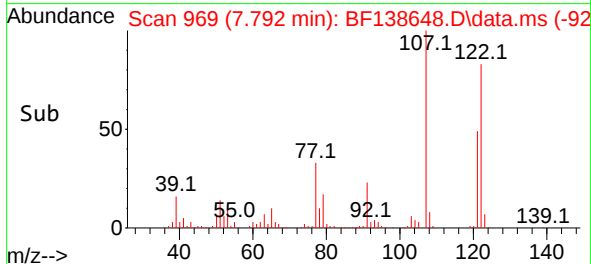
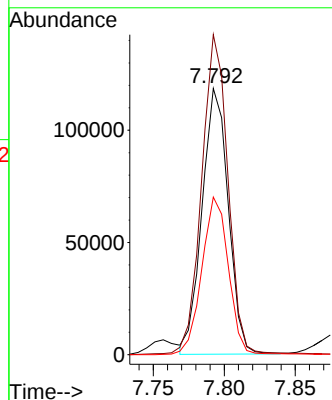
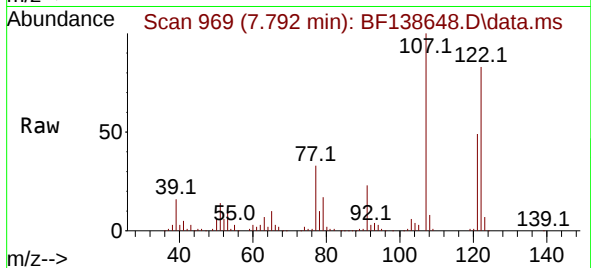




#27
2,4-Dimethylphenol
Concen: 40.241 ng
RT: 7.792 min Scan# 90
Delta R.T. -0.012 min
Lab File: BF138648.D
Acq: 25 Jul 2024 12:27

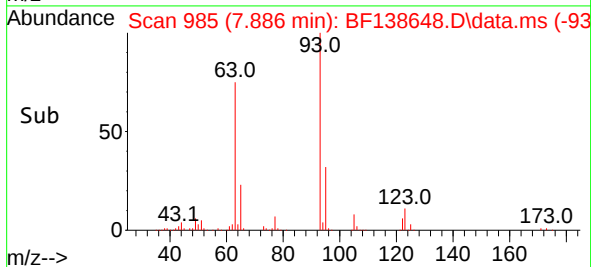
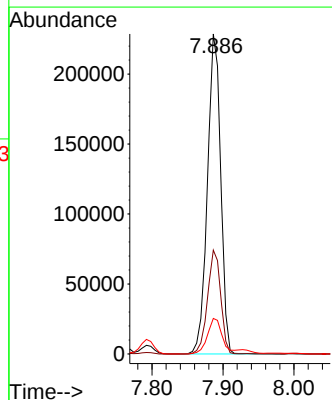
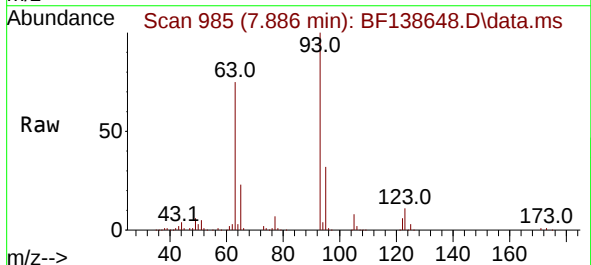
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

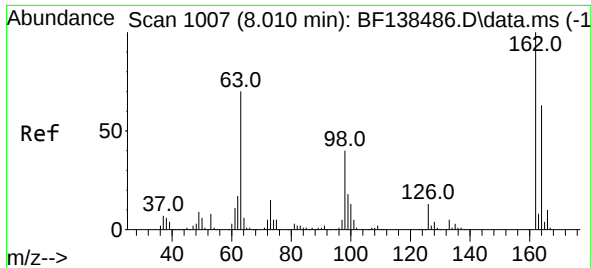
Tgt Ion:122 Resp: 151966
Ion Ratio Lower Upper
122 100
107 120.2 96.3 144.5
121 59.2 46.7 70.1



#28
bis(2-Chloroethoxy)methane
Concen: 41.080 ng
RT: 7.886 min Scan# 985
Delta R.T. -0.012 min
Lab File: BF138648.D
Acq: 25 Jul 2024 12:27

Tgt Ion: 93 Resp: 297430
Ion Ratio Lower Upper
93 100
95 32.4 27.0 40.6
123 11.1 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 39.525 ng

RT: 7.998 min Scan# 1004

Delta R.T. -0.012 min

Lab File: BF138648.D

Acq: 25 Jul 2024 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

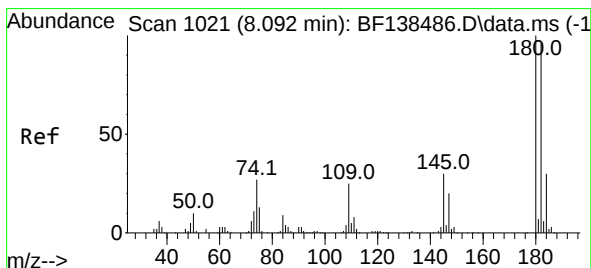
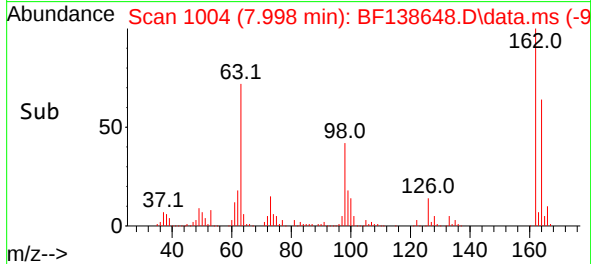
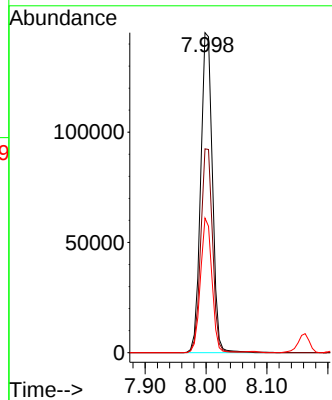
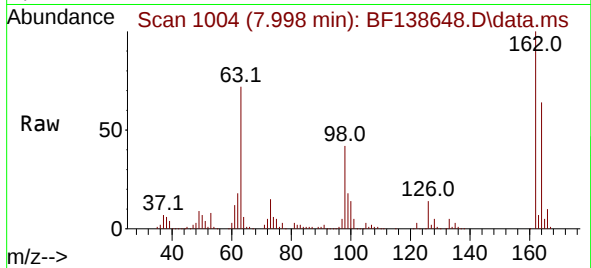
Tgt Ion:162 Resp: 193831

Ion Ratio Lower Upper

162 100

164 63.7 42.6 82.6

98 42.1 20.1 60.1



#30

1,2,4-Trichlorobenzene

Concen: 37.801 ng

RT: 8.081 min Scan# 1018

Delta R.T. -0.012 min

Lab File: BF138648.D

Acq: 25 Jul 2024 12:27

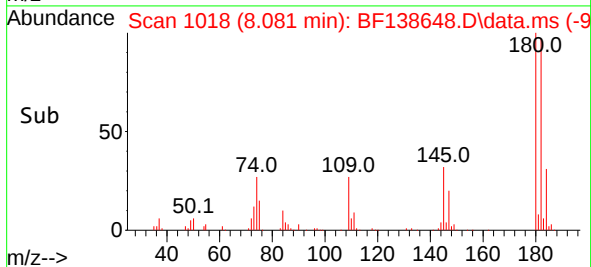
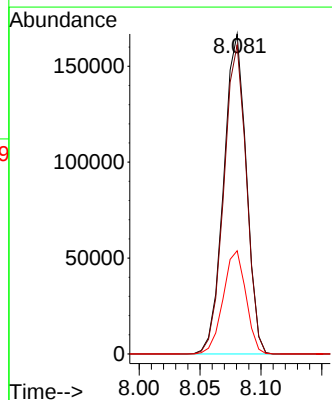
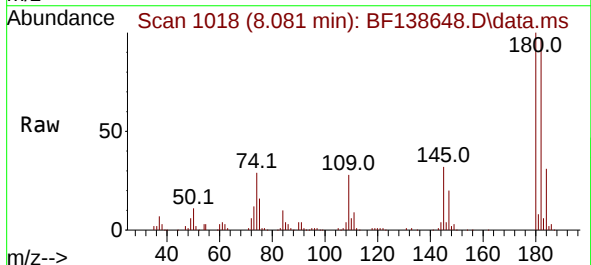
Tgt Ion:180 Resp: 215952

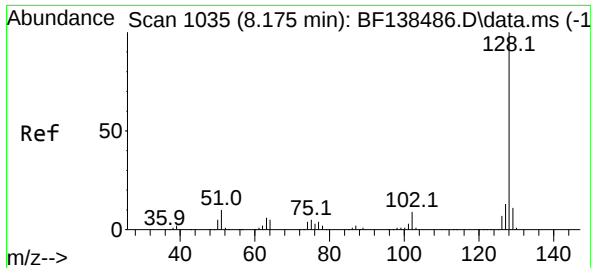
Ion Ratio Lower Upper

180 100

182 96.6 76.9 115.3

145 32.2 23.9 35.9

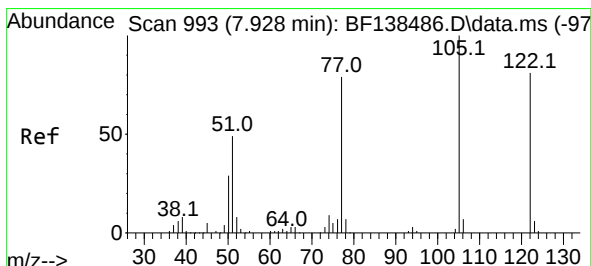
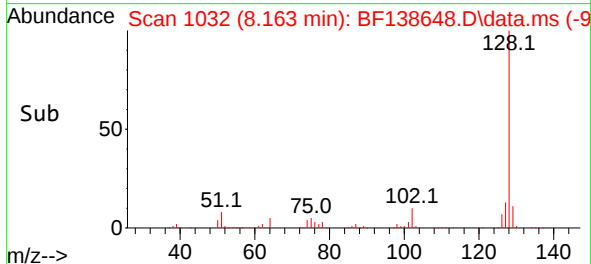
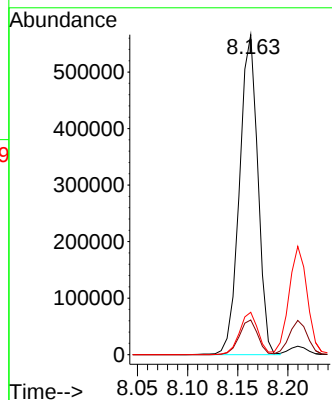
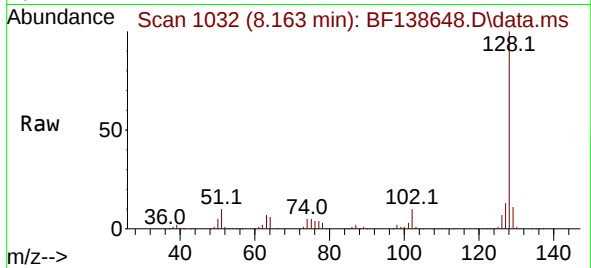




#31
Naphthalene
Concen: 40.062 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF138648.D
Acq: 25 Jul 2024 12:27

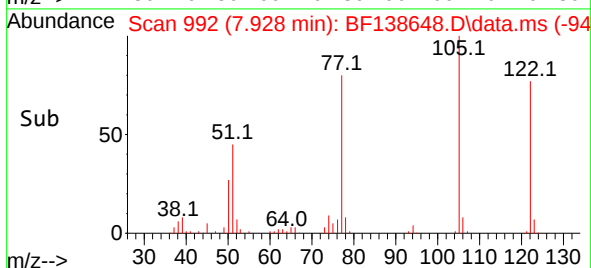
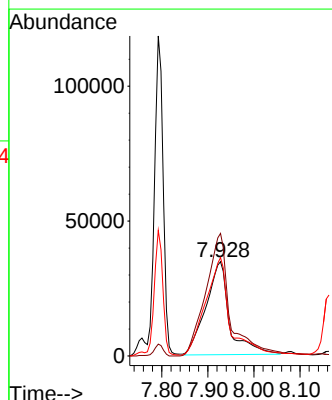
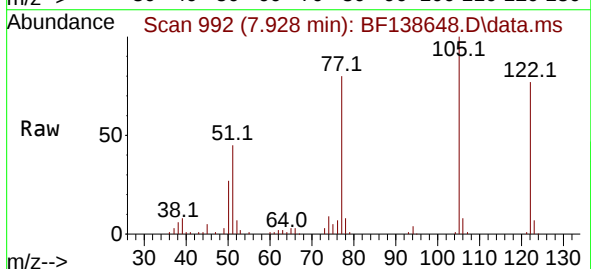
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

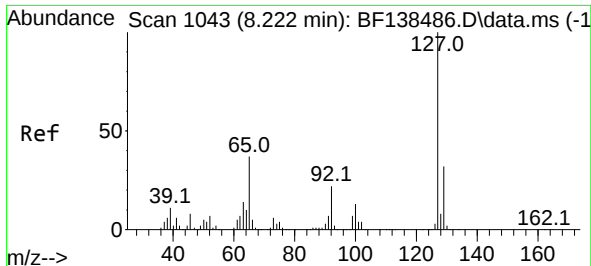
Tgt Ion:128 Resp: 721663
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.3 10.7 16.1



#32
Benzoic acid
Concen: 34.322 ng
RT: 7.928 min Scan# 992
Delta R.T. 0.000 min
Lab File: BF138648.D
Acq: 25 Jul 2024 12:27

Tgt Ion:122 Resp: 123623
Ion Ratio Lower Upper
122 100
105 130.2 101.5 141.5
77 104.4 77.3 117.3





#33
4-Chloroaniline
Concen: 39.531 ng
RT: 8.210 min Scan# 1040
Delta R.T. -0.012 min
Lab File: BF138648.D
Acq: 25 Jul 2024 12:27

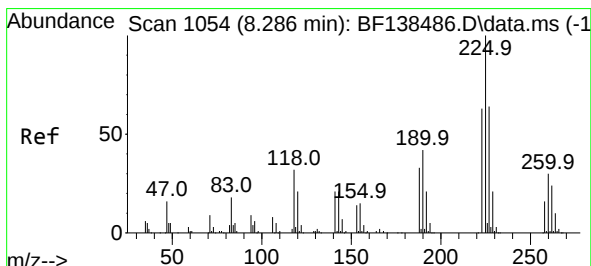
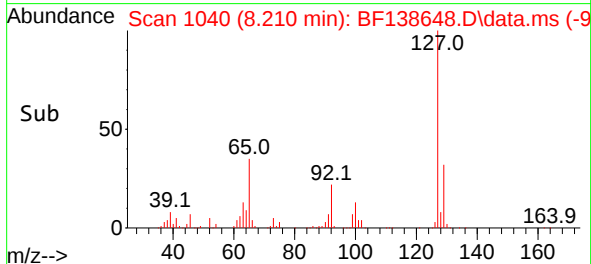
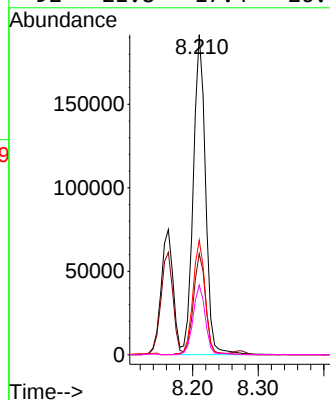
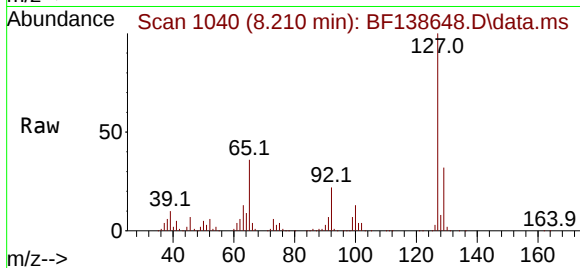
Instrument :

BNA_F

ClientSampleId :

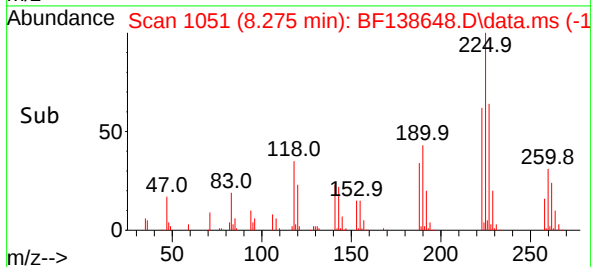
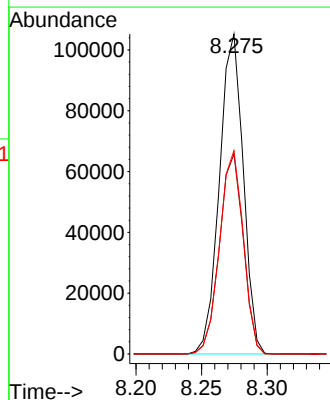
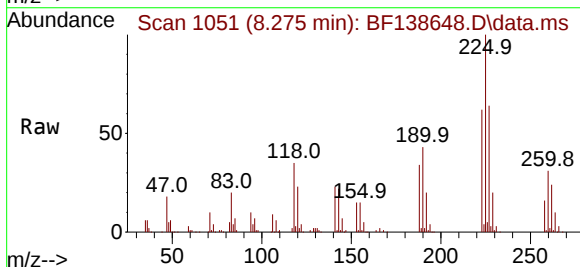
SSTDCCC040

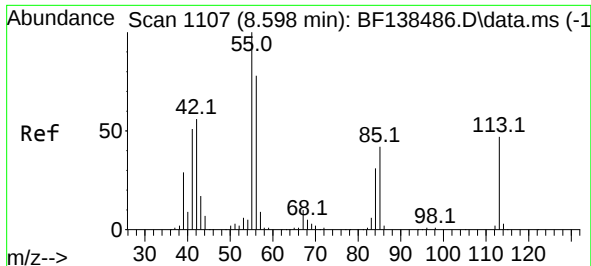
Tgt Ion:127 Resp: 249848
Ion Ratio Lower Upper
127 100
129 31.6 25.6 38.4
65 35.8 29.6 44.4
92 21.8 17.4 26.0



#34
Hexachlorobutadiene
Concen: 37.737 ng
RT: 8.275 min Scan# 1051
Delta R.T. -0.012 min
Lab File: BF138648.D
Acq: 25 Jul 2024 12:27

Tgt Ion:225 Resp: 132757
Ion Ratio Lower Upper
225 100
223 62.4 50.0 75.0
227 63.5 51.0 76.6

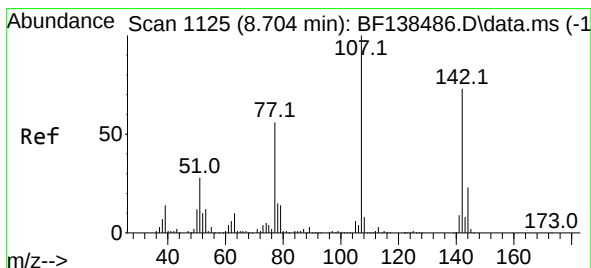
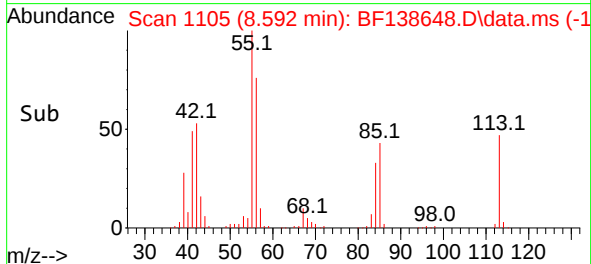
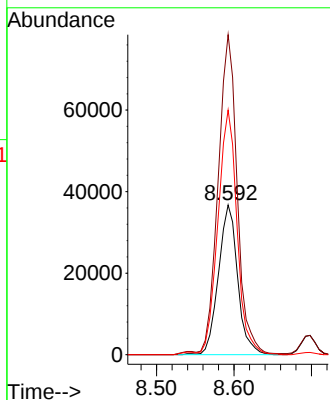
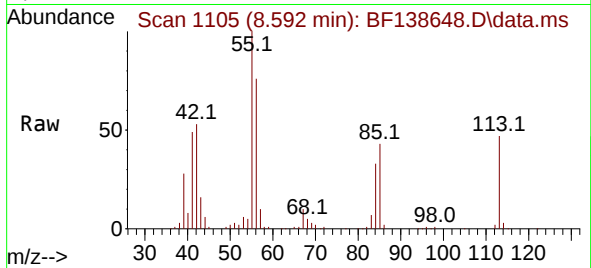




#35
 Caprolactam
 Concen: 39.944 ng
 RT: 8.592 min Scan# 1105
 Delta R.T. -0.006 min
 Lab File: BF138648.D
 Acq: 25 Jul 2024 12:27

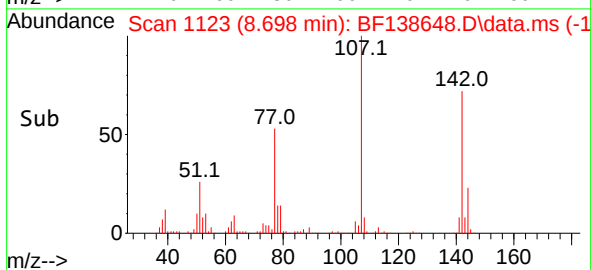
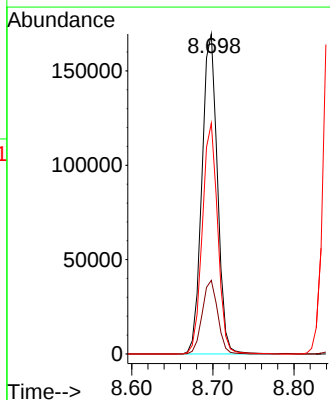
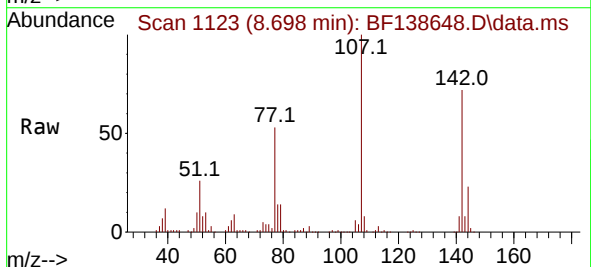
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

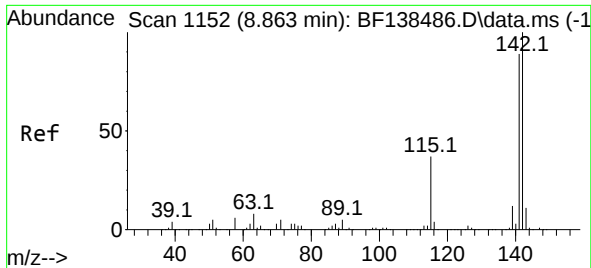
Tgt Ion:113 Resp: 63210
 Ion Ratio Lower Upper
 113 100
 55 213.7 192.5 232.5
 56 163.3 145.3 185.3



#36
 4-Chloro-3-methylphenol
 Concen: 40.873 ng
 RT: 8.698 min Scan# 1123
 Delta R.T. -0.006 min
 Lab File: BF138648.D
 Acq: 25 Jul 2024 12:27

Tgt Ion:107 Resp: 224398
 Ion Ratio Lower Upper
 107 100
 144 23.0 18.6 27.8
 142 72.1 58.6 88.0

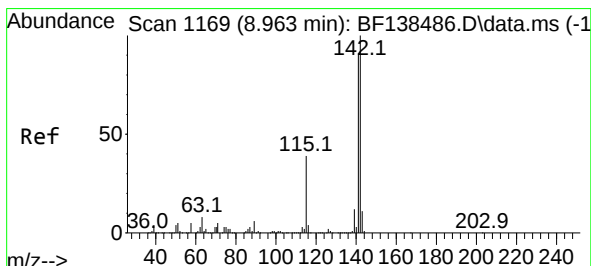
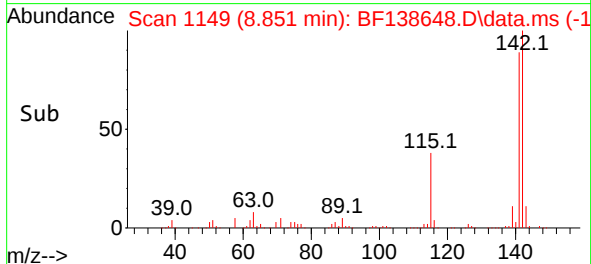
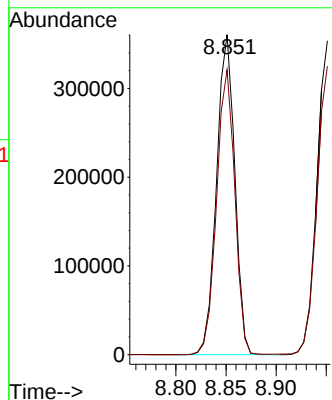
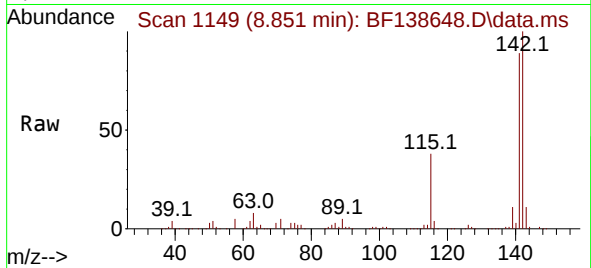




#37
2-Methylnaphthalene
Concen: 39.262 ng
RT: 8.851 min Scan# 1149
Delta R.T. -0.012 min
Lab File: BF138648.D
Acq: 25 Jul 2024 12:27

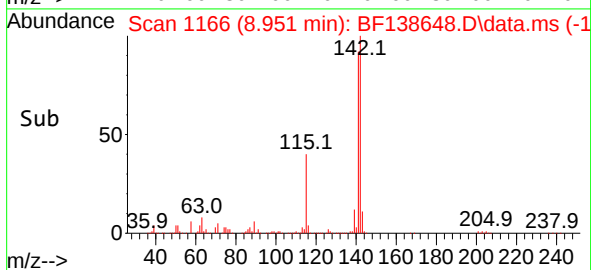
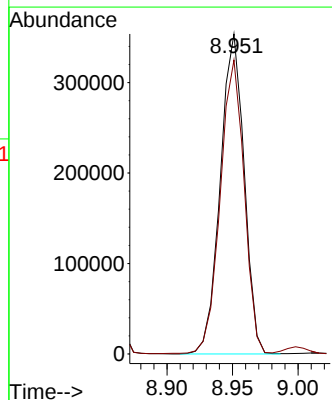
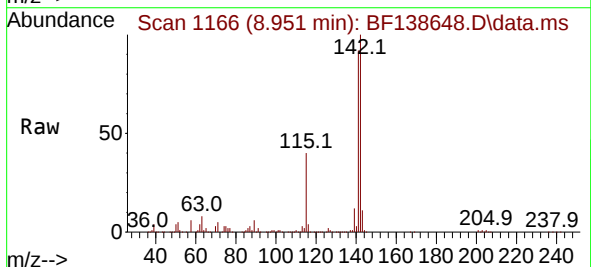
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

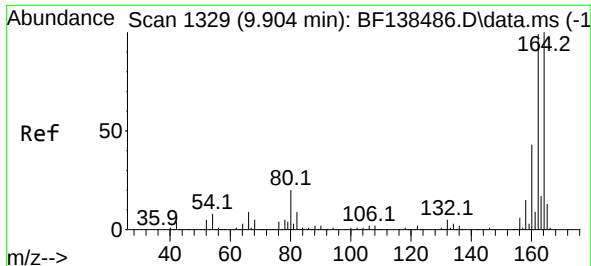
Tgt Ion:142 Resp: 455131
Ion Ratio Lower Upper
142 100
141 89.1 71.4 107.0



#38
1-Methylnaphthalene
Concen: 39.491 ng
RT: 8.951 min Scan# 1166
Delta R.T. -0.012 min
Lab File: BF138648.D
Acq: 25 Jul 2024 12:27

Tgt Ion:142 Resp: 446776
Ion Ratio Lower Upper
142 100
141 91.9 72.6 108.8

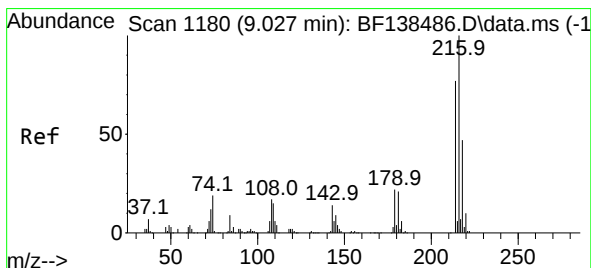
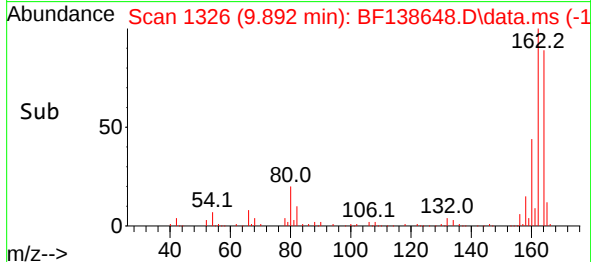
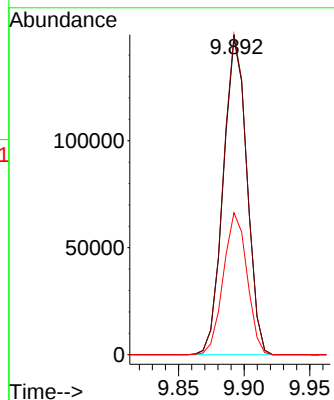
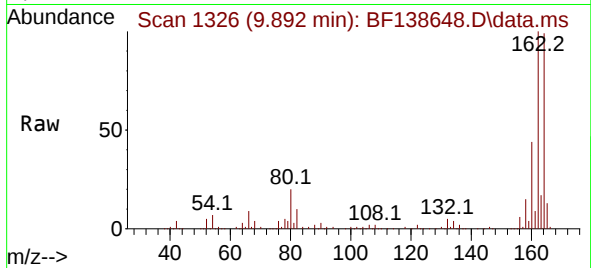




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1177
Delta R.T. -0.012 min
Lab File: BF138648.D
Acq: 25 Jul 2024 12:27

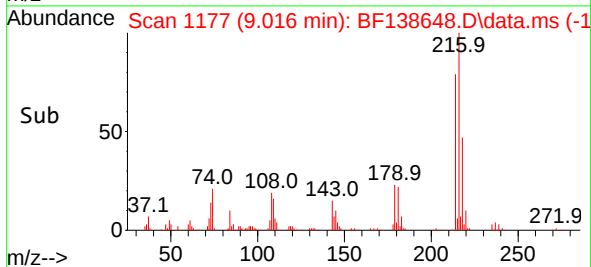
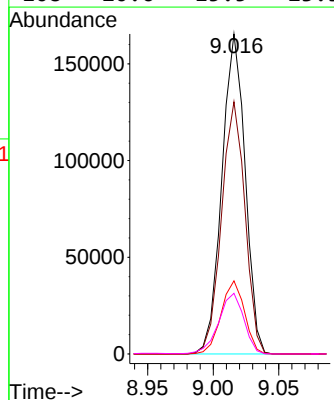
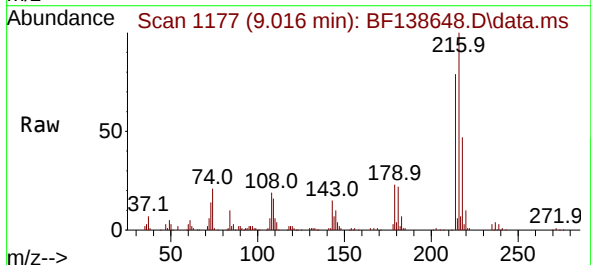
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ClientSampleId :
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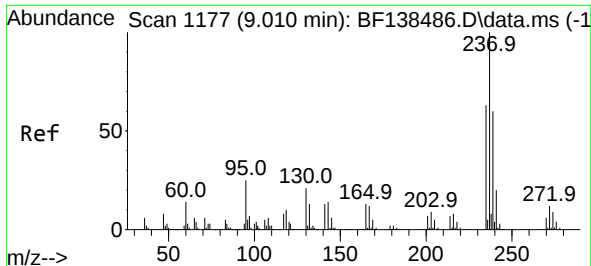
Tgt Ion:164 Resp: 184985
Ion Ratio Lower Upper
164 100
162 101.3 79.0 118.6
160 44.9 34.4 51.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.568 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.012 min
Lab File: BF138648.D
Acq: 25 Jul 2024 12:27

Tgt Ion:216 Resp: 203998
Ion Ratio Lower Upper
216 100
214 79.2 62.8 94.2
179 23.0 17.7 26.5
108 20.6 15.5 23.3

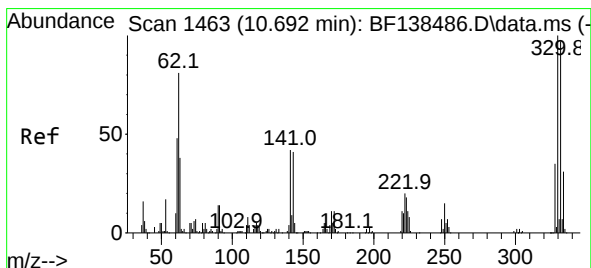
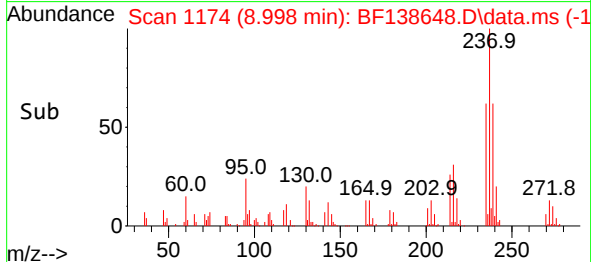
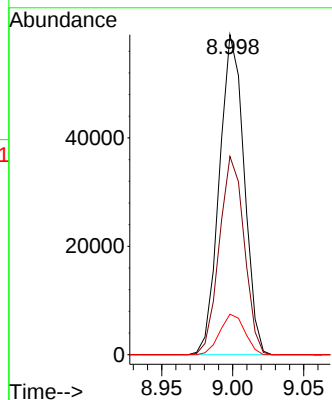
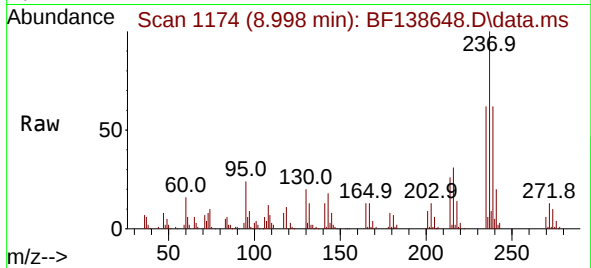




#41
Hexachlorocyclopentadiene
Concen: 42.795 ng
RT: 8.998 min Scan# 1174
Delta R.T. -0.012 min
Lab File: BF138648.D
Acq: 25 Jul 2024 12:27

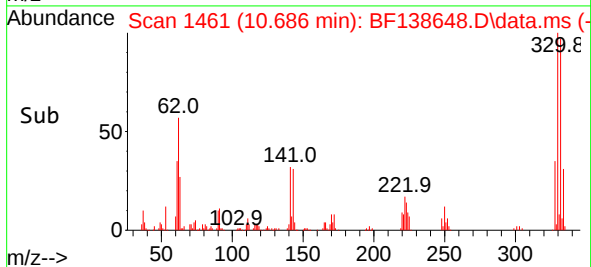
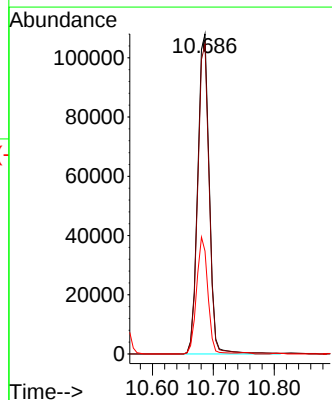
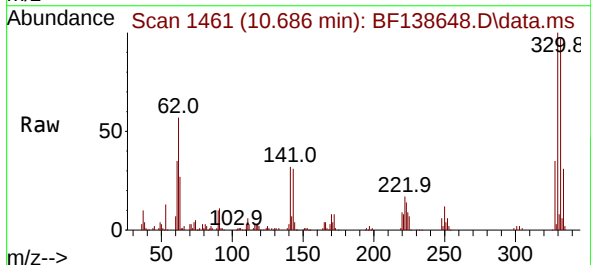
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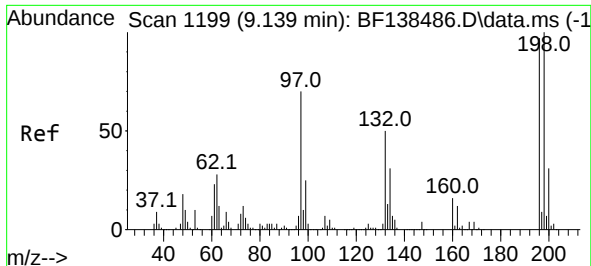
Tgt Ion:237 Resp: 71615
Ion Ratio Lower Upper
237 100
235 62.0 43.3 83.3
272 12.6 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 82.414 ng
RT: 10.686 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF138648.D
Acq: 25 Jul 2024 12:27

Tgt Ion:330 Resp: 142483
Ion Ratio Lower Upper
330 100
332 96.3 76.8 115.2
141 35.4 29.4 44.2

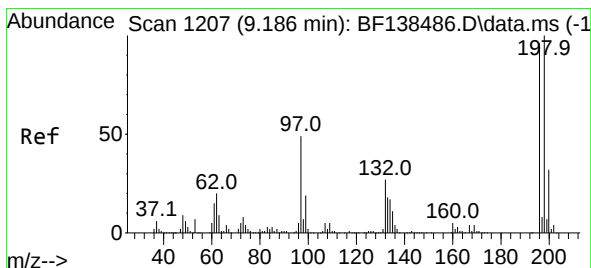
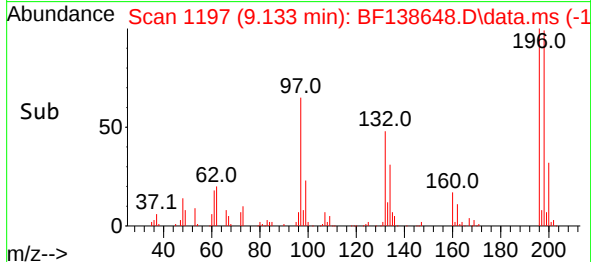
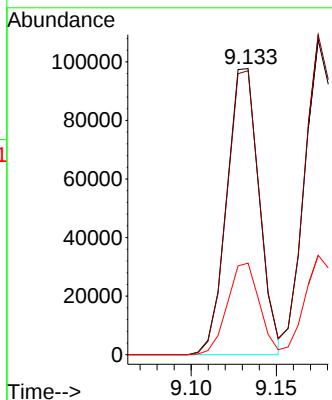
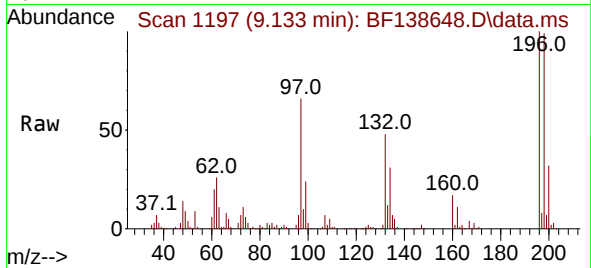




#43
2,4,6-Trichlorophenol
Concen: 39.306 ng
RT: 9.133 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF138648.D
Acq: 25 Jul 2024 12:27

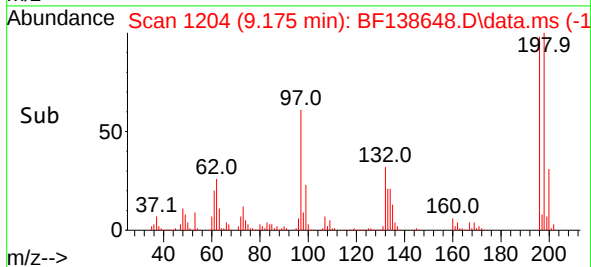
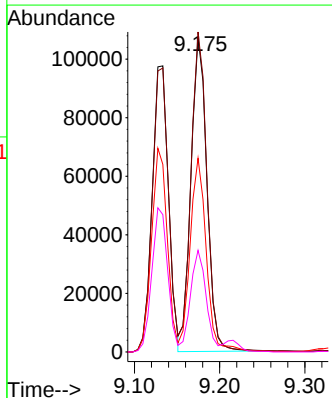
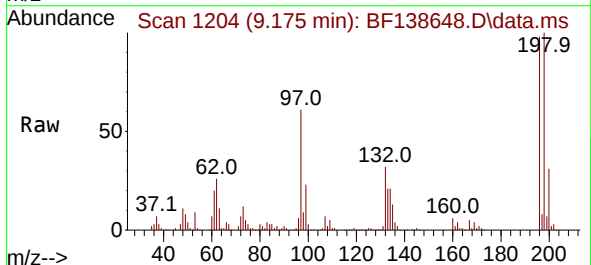
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

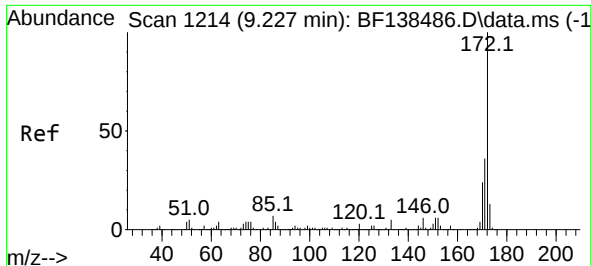
Tgt Ion:196 Resp: 129265
Ion Ratio Lower Upper
196 100
198 99.3 82.3 123.5
200 32.0 25.8 38.6



#44
2,4,5-Trichlorophenol
Concen: 38.604 ng
RT: 9.175 min Scan# 1204
Delta R.T. -0.012 min
Lab File: BF138648.D
Acq: 25 Jul 2024 12:27

Tgt Ion:196 Resp: 139638
Ion Ratio Lower Upper
196 100
198 101.6 82.8 124.2
97 61.6 41.0 61.4#
132 32.3 22.7 34.1





#45

2-Fluorobiphenyl

Concen: 81.075 ng

RT: 9.216 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF138648.D

Acq: 25 Jul 2024 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

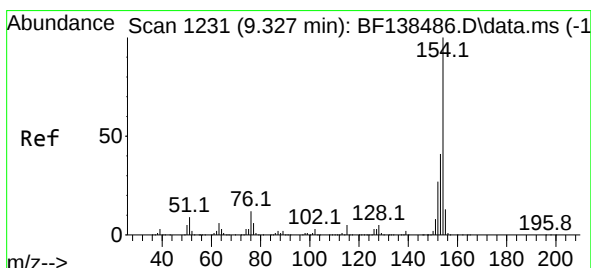
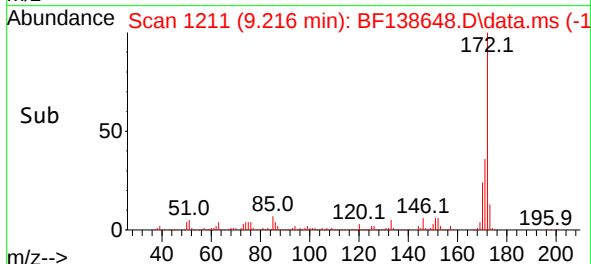
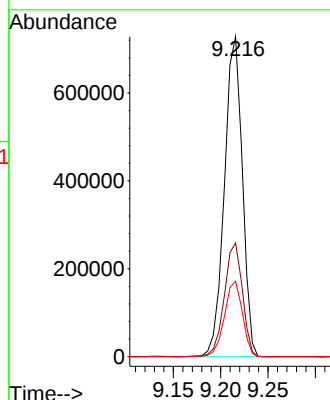
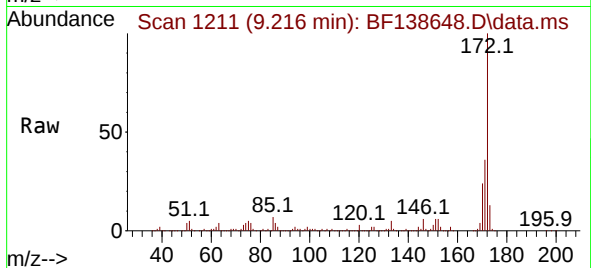
Tgt Ion:172 Resp: 959601

Ion Ratio Lower Upper

172 100

171 35.6 28.9 43.3

170 23.6 18.9 28.3



#46

1,1'-Biphenyl

Concen: 40.682 ng

RT: 9.316 min Scan# 1228

Delta R.T. -0.012 min

Lab File: BF138648.D

Acq: 25 Jul 2024 12:27

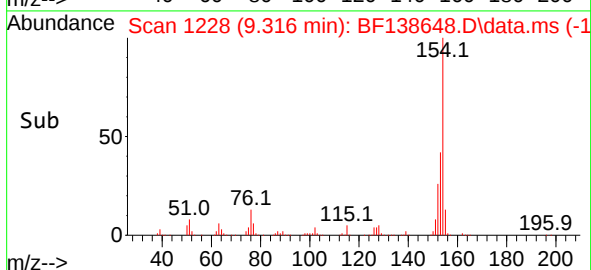
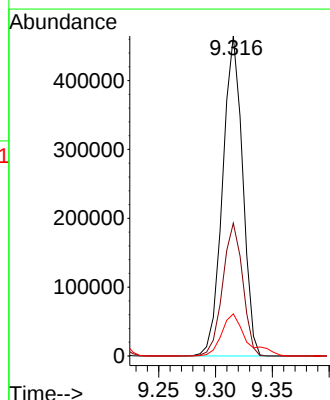
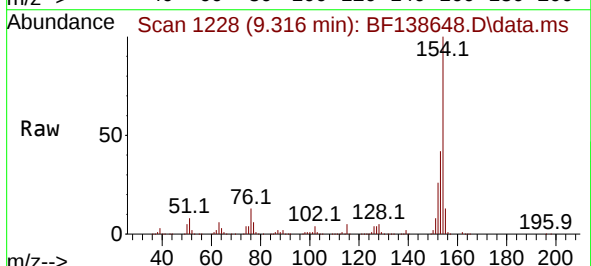
Tgt Ion:154 Resp: 570319

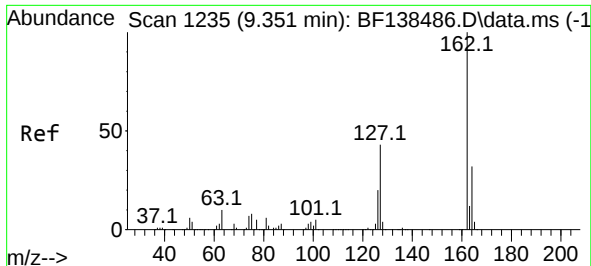
Ion Ratio Lower Upper

154 100

153 41.5 20.7 60.7

76 13.1 0.0 32.2





#47

2-Chloronaphthalene

Concen: 40.151 ng

RT: 9.339 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138648.D

Acq: 25 Jul 2024 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

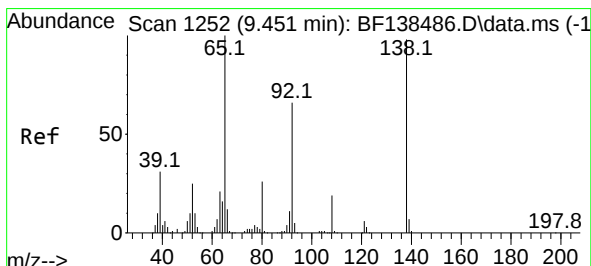
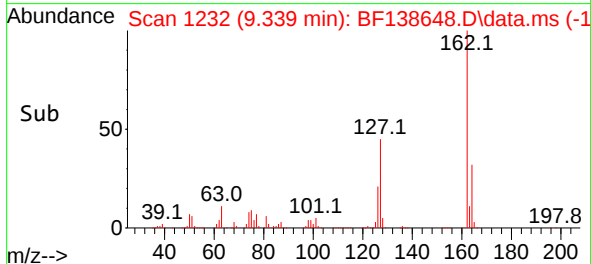
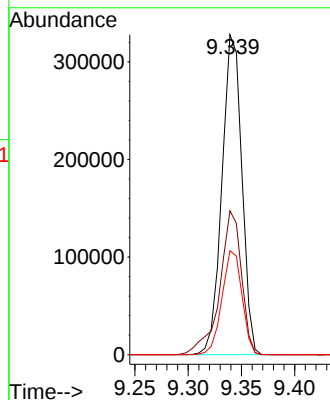
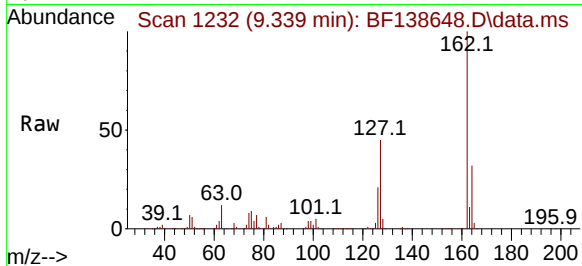
Tgt Ion:162 Resp: 425228

Ion Ratio Lower Upper

162 100

127 45.0 34.8 52.2

164 32.5 25.6 38.4



#48

2-Nitroaniline

Concen: 42.360 ng

RT: 9.439 min Scan# 1249

Delta R.T. -0.012 min

Lab File: BF138648.D

Acq: 25 Jul 2024 12:27

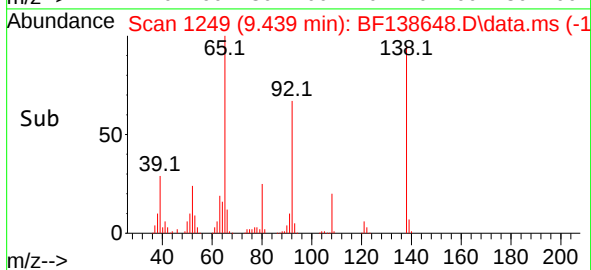
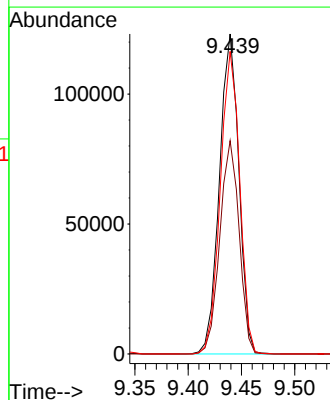
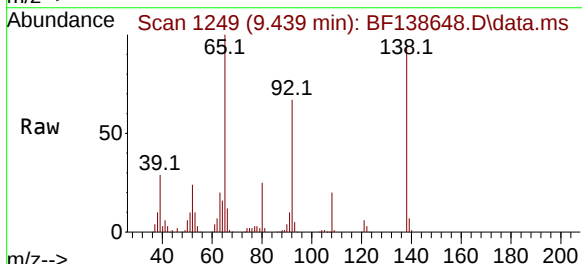
Tgt Ion: 65 Resp: 155462

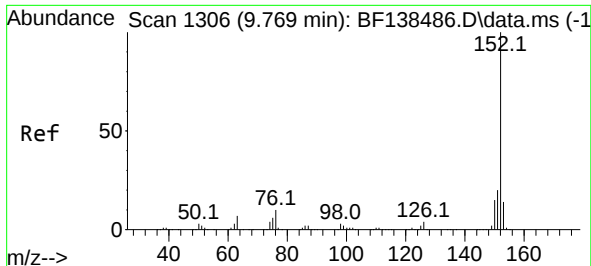
Ion Ratio Lower Upper

65 100

92 66.6 52.6 78.8

138 94.6 78.6 118.0





#49

Acenaphthylene

Concen: 40.961 ng

RT: 9.757 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF138648.D

Acq: 25 Jul 2024 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

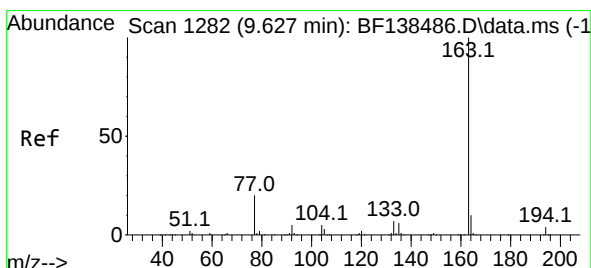
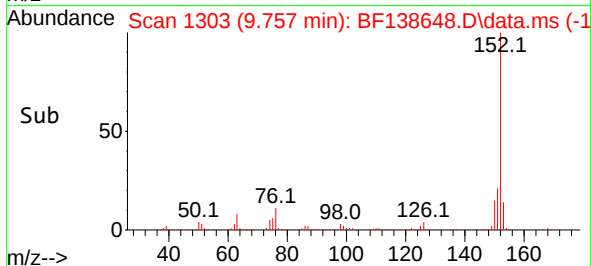
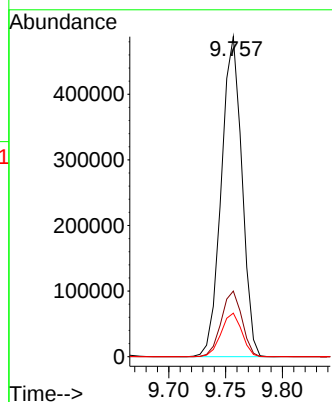
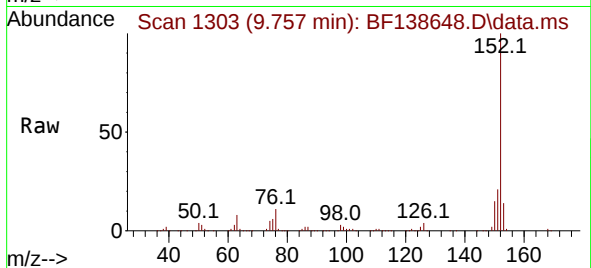
Tgt Ion:152 Resp: 615906

Ion Ratio Lower Upper

152 100

151 20.5 16.3 24.5

153 13.6 11.3 16.9



#50

Dimethylphthalate

Concen: 41.149 ng

RT: 9.616 min Scan# 1279

Delta R.T. -0.012 min

Lab File: BF138648.D

Acq: 25 Jul 2024 12:27

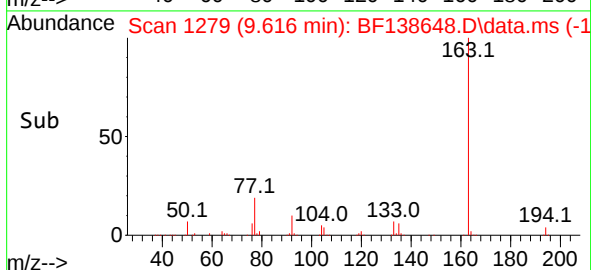
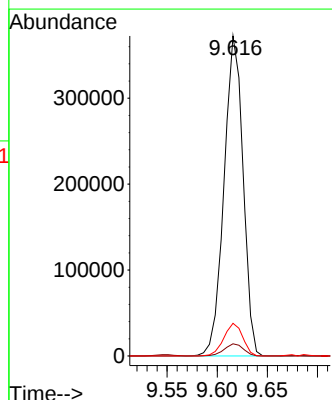
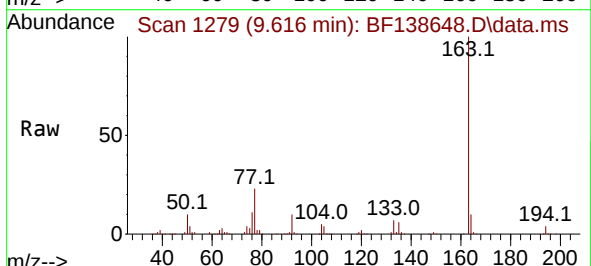
Tgt Ion:163 Resp: 492209

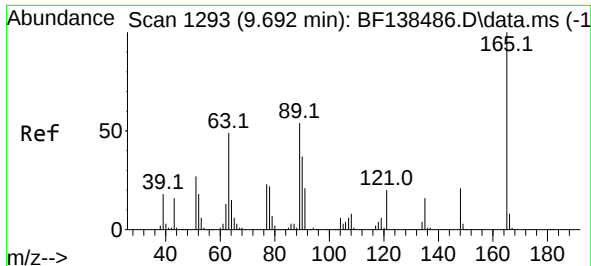
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

164 10.2 8.1 12.1

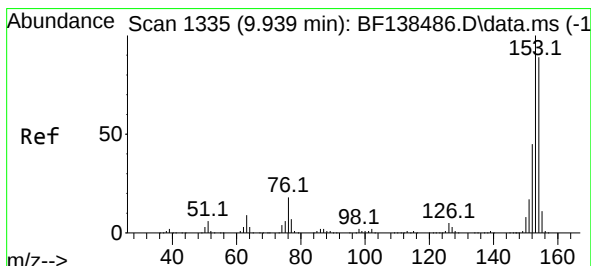
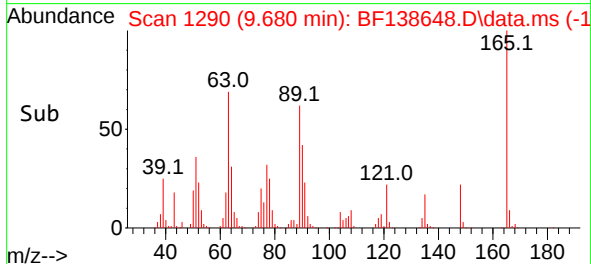
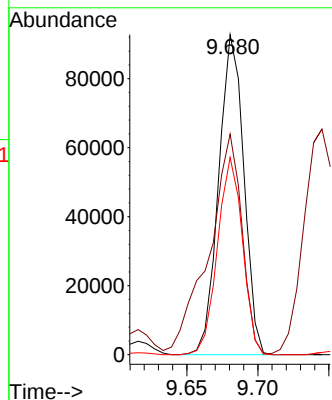
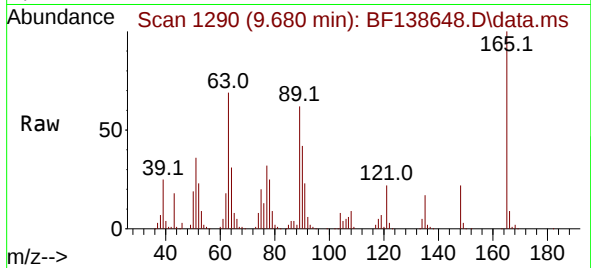




#51
2,6-Dinitrotoluene
Concen: 41.428 ng
RT: 9.680 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138648.D
Acq: 25 Jul 2024 12:27

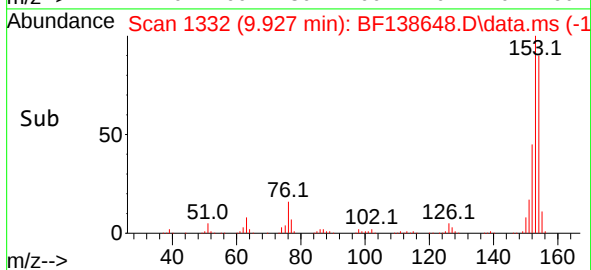
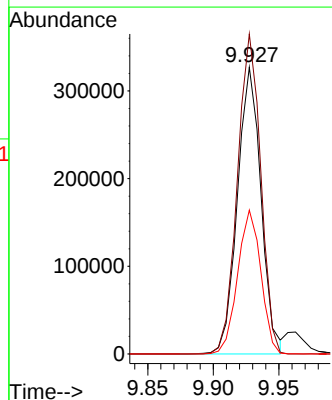
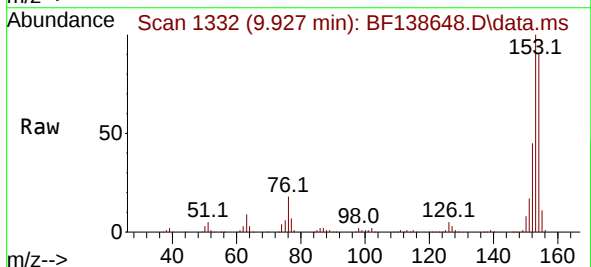
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

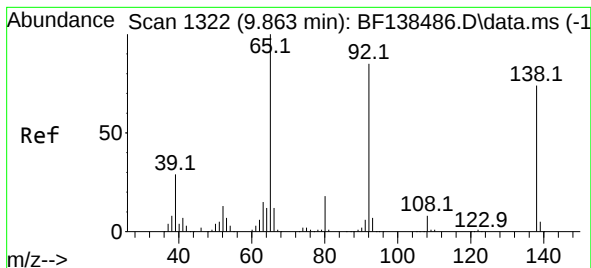
Tgt Ion:165 Resp: 114097
Ion Ratio Lower Upper
165 100
63 69.0 48.1 72.1
89 61.6 43.0 64.6



#52
Acenaphthene
Concen: 41.047 ng
RT: 9.927 min Scan# 1332
Delta R.T. -0.012 min
Lab File: BF138648.D
Acq: 25 Jul 2024 12:27

Tgt Ion:154 Resp: 410268
Ion Ratio Lower Upper
154 100
153 111.6 90.4 135.6
152 50.2 41.1 61.7





#53

3-Nitroaniline

Concen: 40.418 ng

RT: 9.851 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF138648.D

Acq: 25 Jul 2024 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

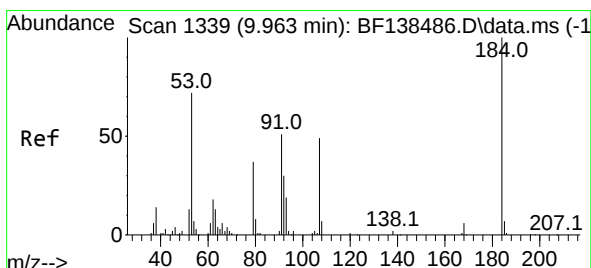
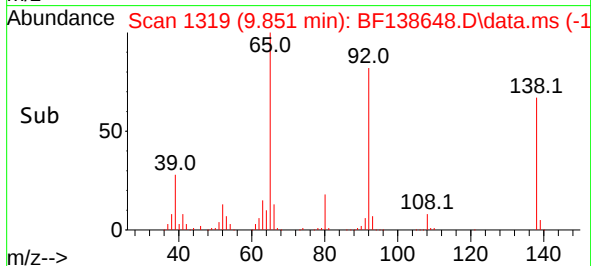
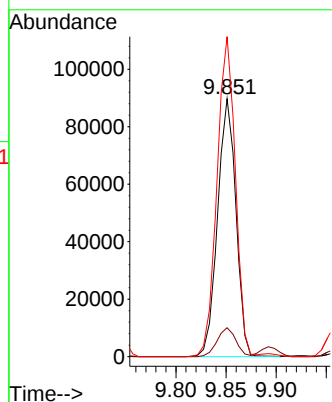
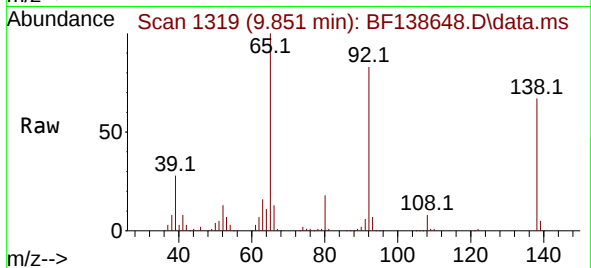
Tgt Ion:138 Resp: 114090

Ion Ratio Lower Upper

138 100

108 11.2 8.3 12.5

92 124.1 92.6 138.8



#54

2,4-Dinitrophenol

Concen: 36.934 ng

RT: 9.963 min Scan# 1338

Delta R.T. -0.000 min

Lab File: BF138648.D

Acq: 25 Jul 2024 12:27

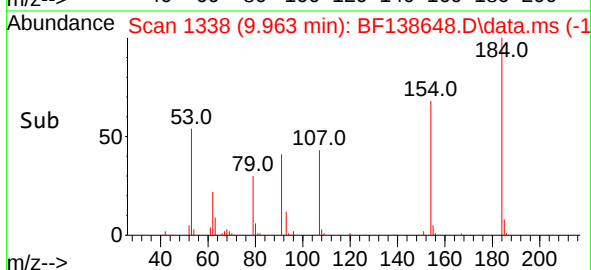
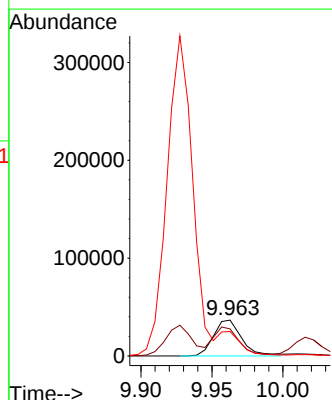
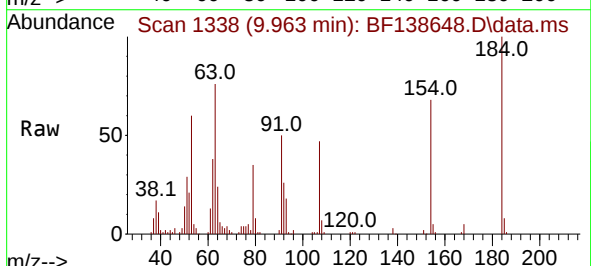
Tgt Ion:184 Resp: 50647

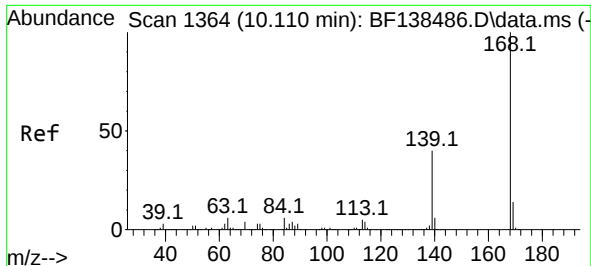
Ion Ratio Lower Upper

184 100

63 75.7 70.6 106.0

154 68.4 53.8 80.6

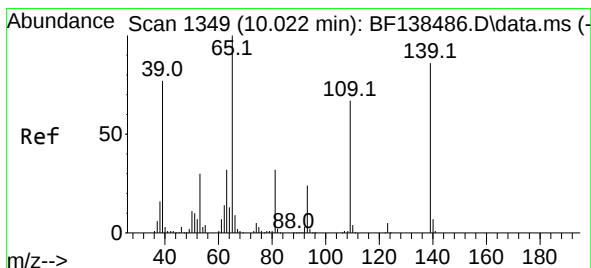
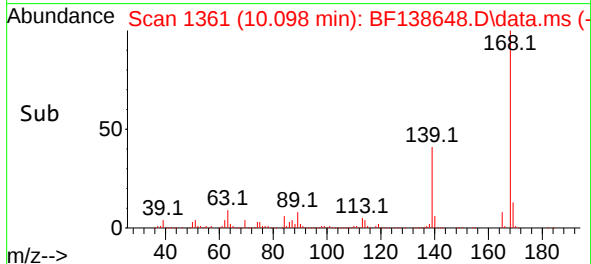
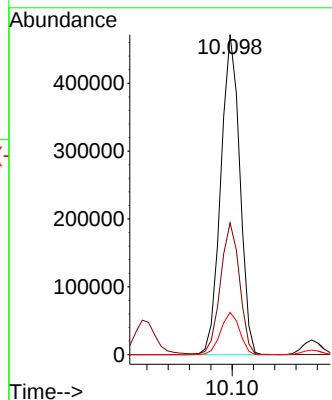
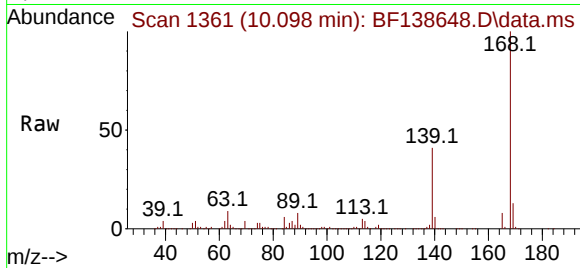




#55
Dibenzenofuran
Concen: 40.223 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.012 min
Lab File: BF138648.D
Acq: 25 Jul 2024 12:27

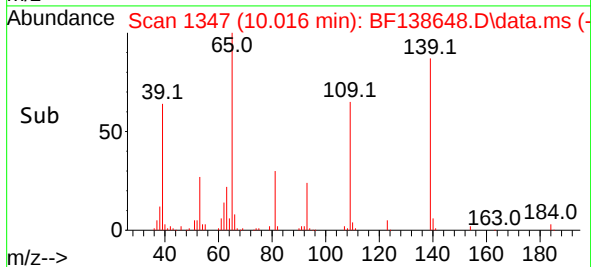
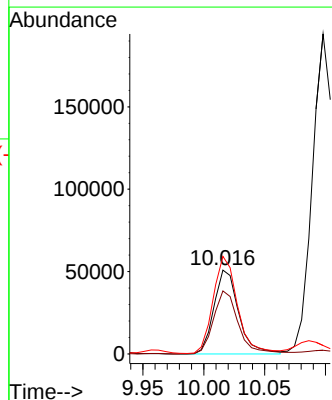
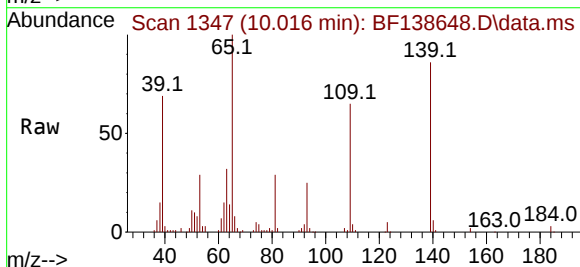
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

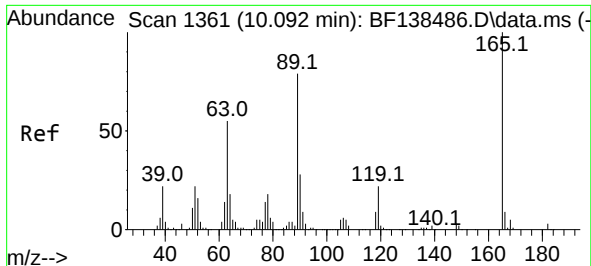
Tgt Ion:168 Resp: 583125
Ion Ratio Lower Upper
168 100
139 41.2 32.4 48.6
169 13.2 10.9 16.3



#56
4-Nitrophenol
Concen: 34.564 ng
RT: 10.016 min Scan# 1347
Delta R.T. -0.006 min
Lab File: BF138648.D
Acq: 25 Jul 2024 12:27

Tgt Ion:139 Resp: 71989
Ion Ratio Lower Upper
139 100
109 75.2 58.1 98.1
65 116.2 96.9 136.9

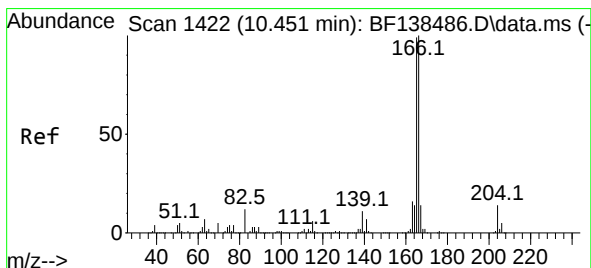
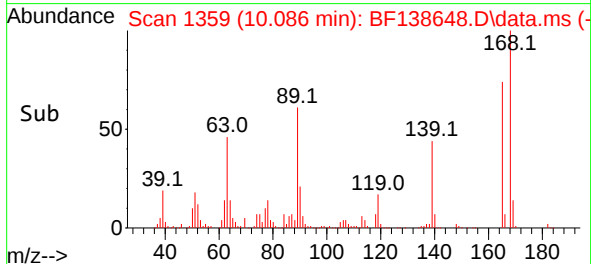
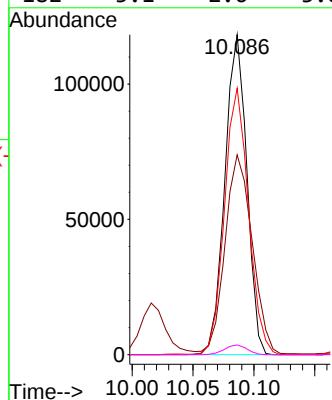
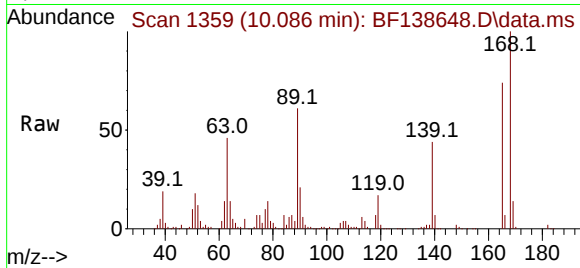




#57
2,4-Dinitrotoluene
Concen: 41.577 ng
RT: 10.086 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF138648.D
Acq: 25 Jul 2024 12:27

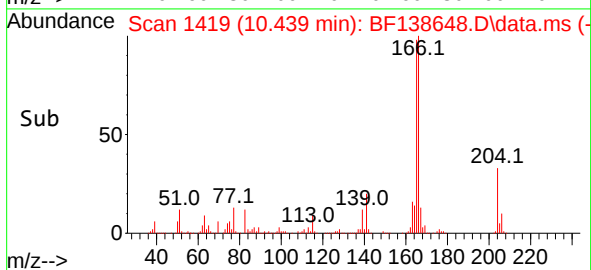
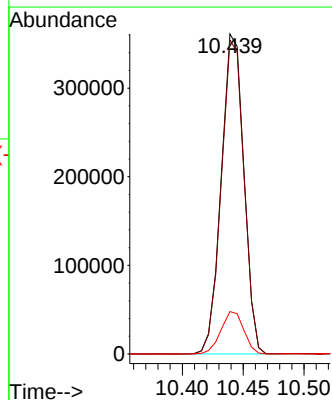
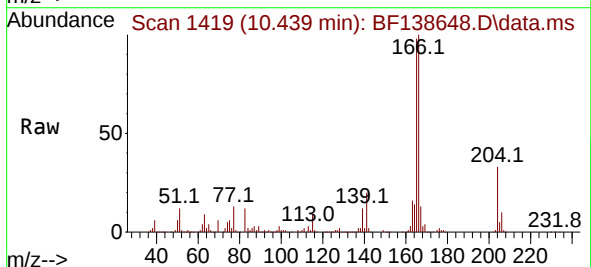
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

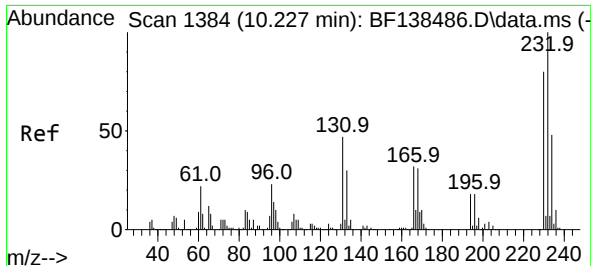
Tgt Ion:165 Resp: 148156
Ion Ratio Lower Upper
165 100
63 62.5 44.6 66.8
89 83.3 63.4 95.2
182 3.1 2.6 3.8



#58
Fluorene
Concen: 40.797 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF138648.D
Acq: 25 Jul 2024 12:27

Tgt Ion:166 Resp: 467983
Ion Ratio Lower Upper
166 100
165 98.1 79.1 118.7
167 13.3 11.0 16.6

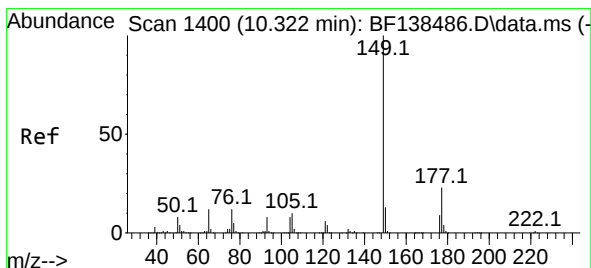
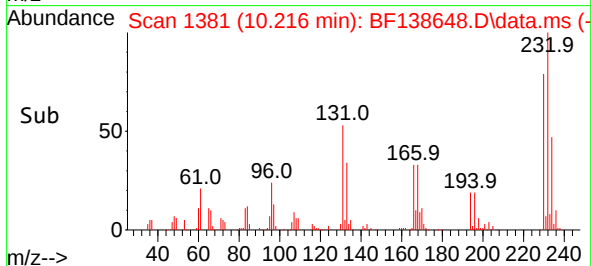
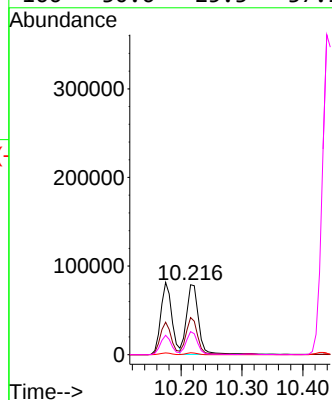
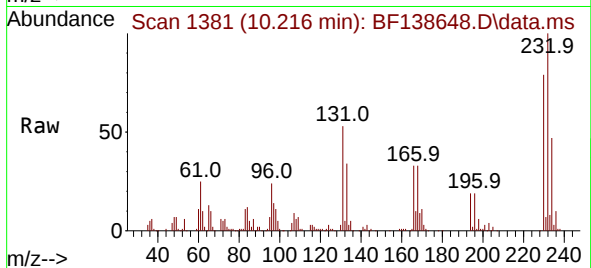




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.067 ng
RT: 10.216 min Scan# 1381
Delta R.T. -0.012 min
Lab File: BF138648.D
Acq: 25 Jul 2024 12:27

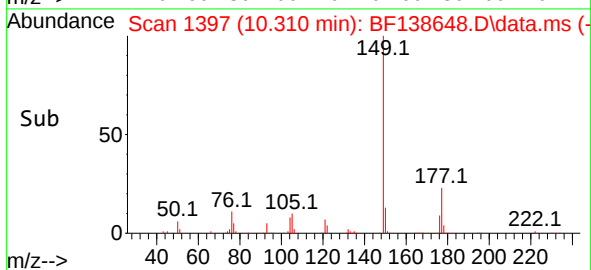
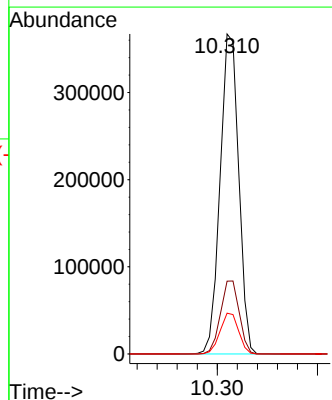
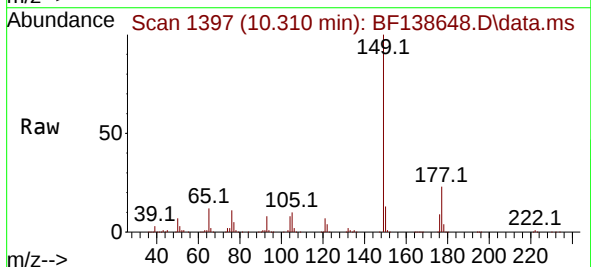
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

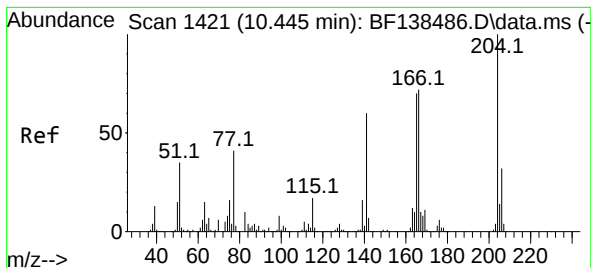
Tgt Ion:232 Resp: 108669
Ion Ratio Lower Upper
232 100
131 50.2 37.5 56.3
130 2.4 2.0 3.0
166 30.6 25.3 37.9



#60
Diethylphthalate
Concen: 40.964 ng
RT: 10.310 min Scan# 1397
Delta R.T. -0.012 min
Lab File: BF138648.D
Acq: 25 Jul 2024 12:27

Tgt Ion:149 Resp: 472367
Ion Ratio Lower Upper
149 100
177 22.7 18.5 27.7
150 12.7 10.3 15.5

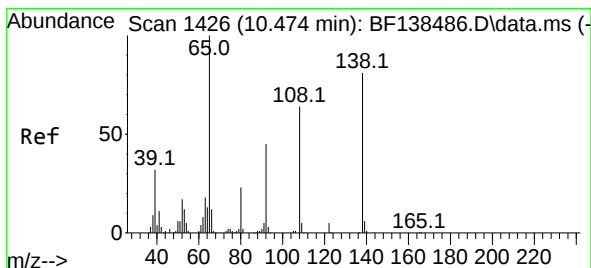
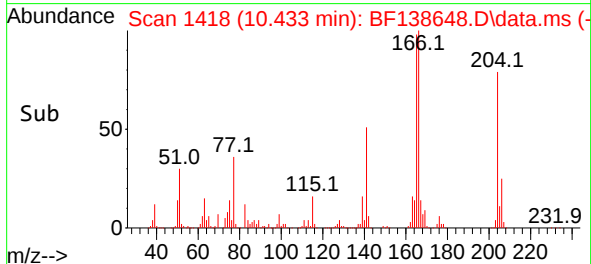
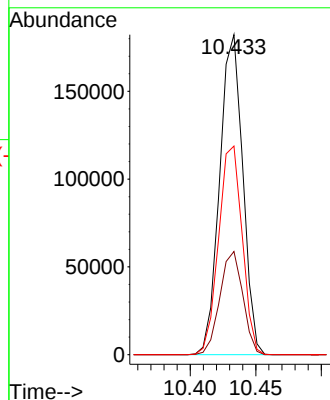
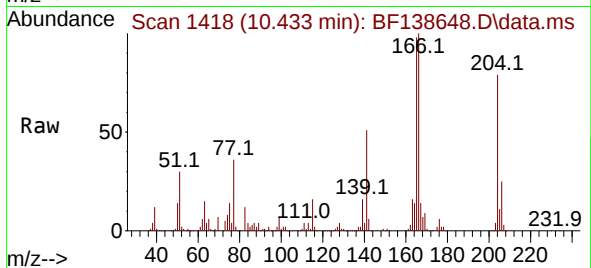




#61
4-Chlorophenyl-phenylether
Concen: 38.751 ng
RT: 10.433 min Scan# 1418
Delta R.T. -0.012 min
Lab File: BF138648.D
Acq: 25 Jul 2024 12:27

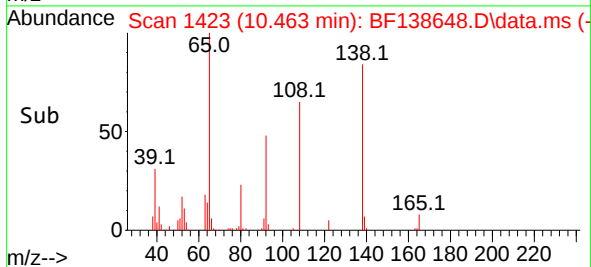
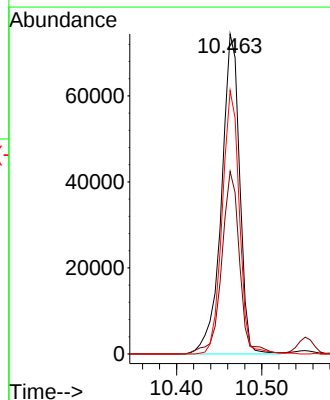
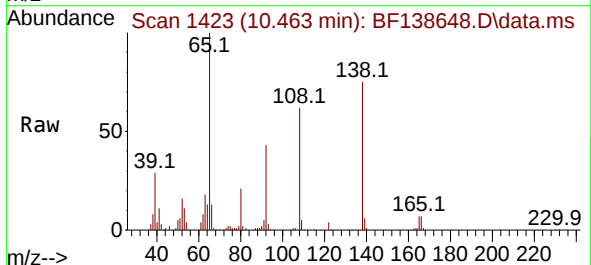
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

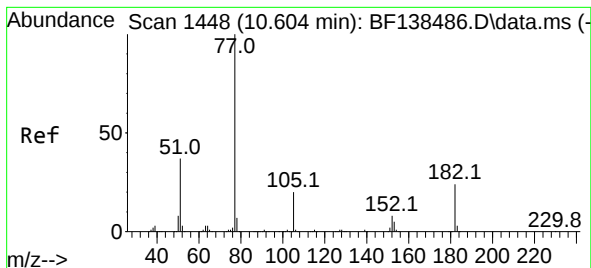
Tgt Ion:204 Resp: 223212
Ion Ratio Lower Upper
204 100
206 32.3 25.6 38.4
141 65.2 47.7 71.5



#62
4-Nitroaniline
Concen: 38.909 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.012 min
Lab File: BF138648.D
Acq: 25 Jul 2024 12:27

Tgt Ion:138 Resp: 110060
Ion Ratio Lower Upper
138 100
92 57.0 35.8 75.8
108 82.4 59.8 99.8

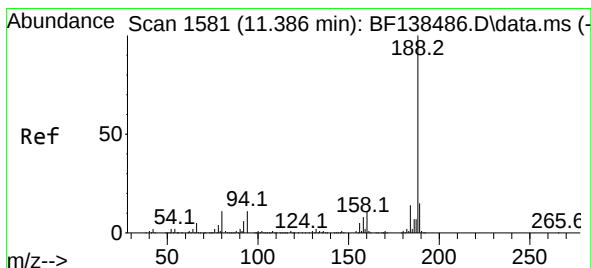
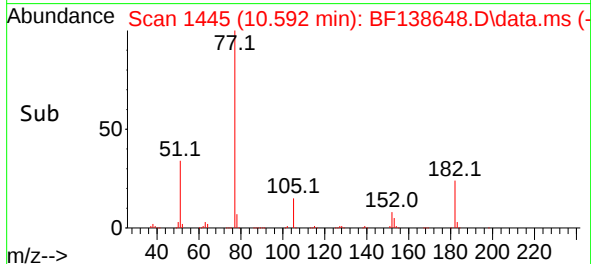
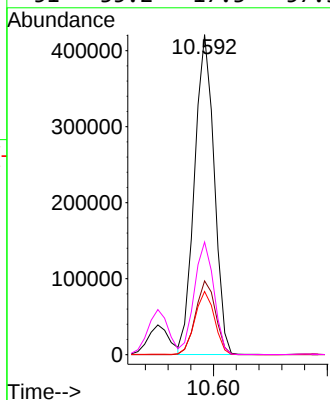
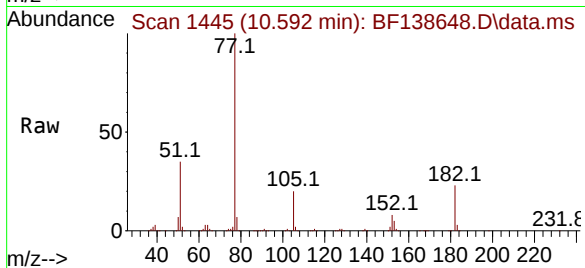




#63
Azobenzene
Concen: 40.805 ng
RT: 10.592 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF138648.D
Acq: 25 Jul 2024 12:27

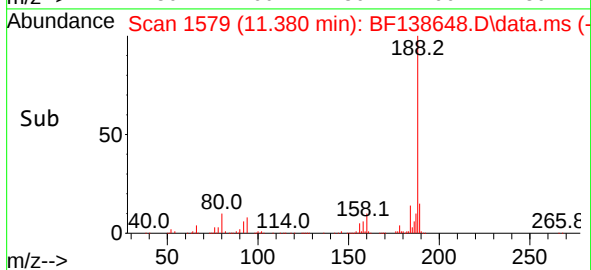
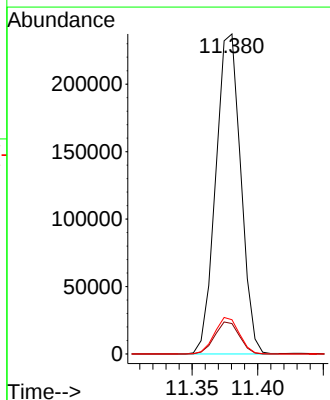
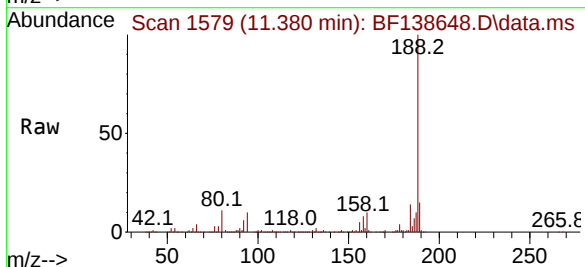
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

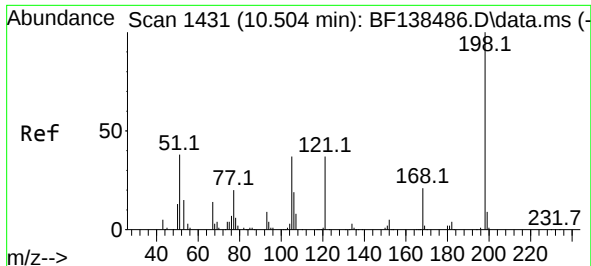
Tgt Ion: 77	Resp: 505889
Ion Ratio	Lower Upper
77 100	
182 23.0	3.8 43.8
105 19.7	0.0 39.8
51 35.2	17.3 57.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF138648.D
Acq: 25 Jul 2024 12:27

Tgt Ion:188	Resp: 314382
Ion Ratio	Lower Upper
188 100	
94 9.5	8.7 13.1
80 10.7	9.0 13.4

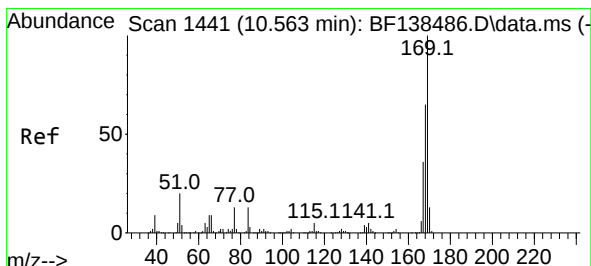
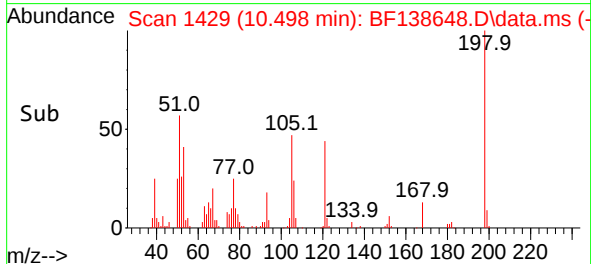
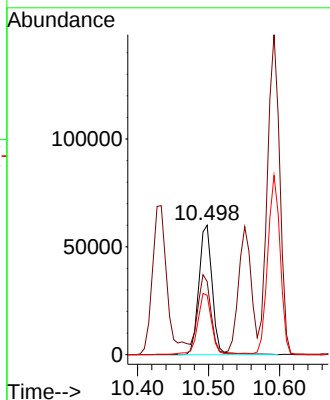
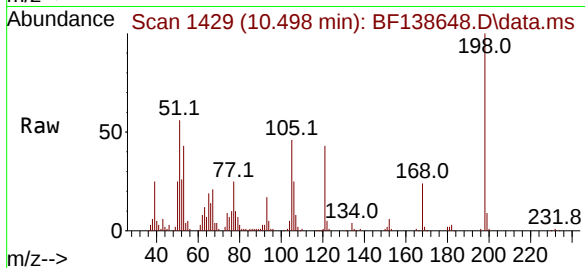




#65
4,6-Dinitro-2-methylphenol
Concen: 43.378 ng
RT: 10.498 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF138648.D
Acq: 25 Jul 2024 12:27

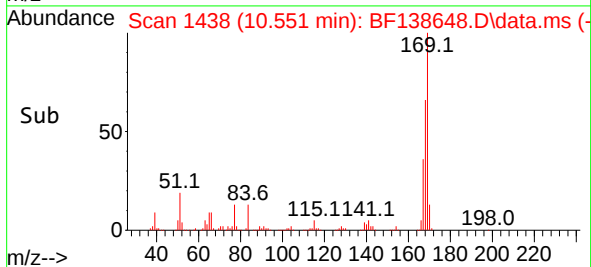
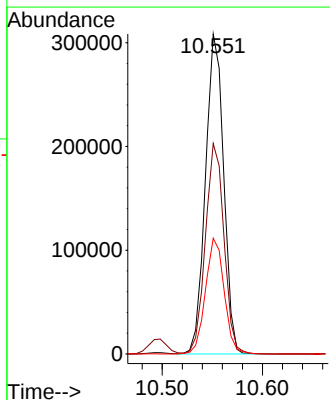
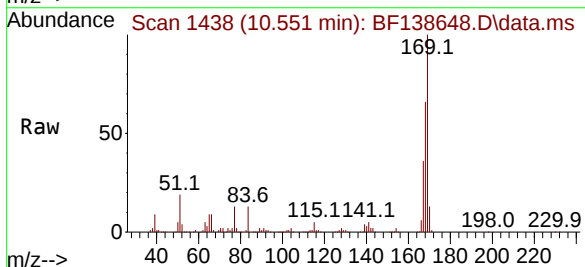
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

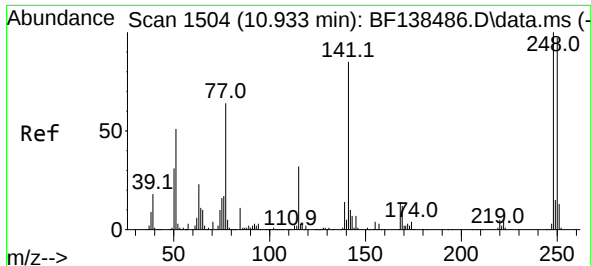
Tgt Ion:198 Resp: 78742
Ion Ratio Lower Upper
198 100
51 56.4 27.2 67.2
105 45.9 18.5 58.5



#66
n-Nitrosodiphenylamine
Concen: 41.406 ng
RT: 10.551 min Scan# 1438
Delta R.T. -0.012 min
Lab File: BF138648.D
Acq: 25 Jul 2024 12:27

Tgt Ion:169 Resp: 390009
Ion Ratio Lower Upper
169 100
168 65.7 51.7 77.5
167 36.1 28.5 42.7

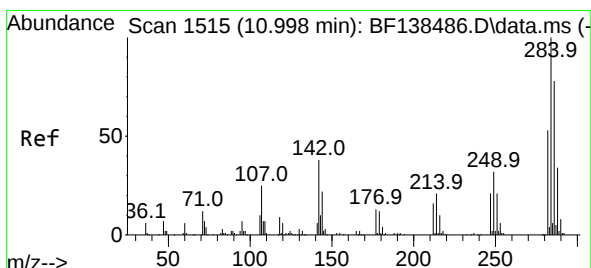
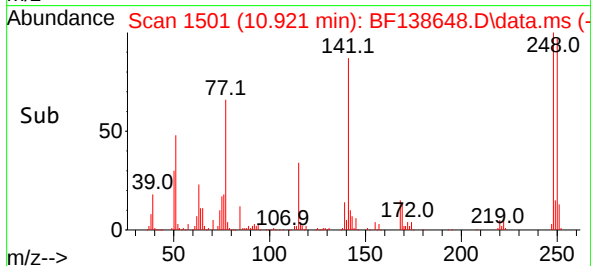
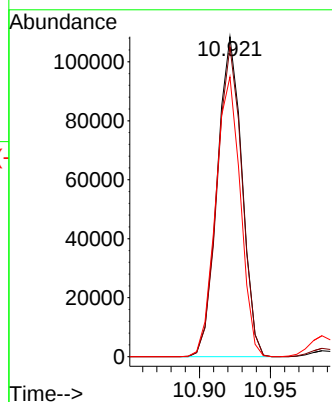
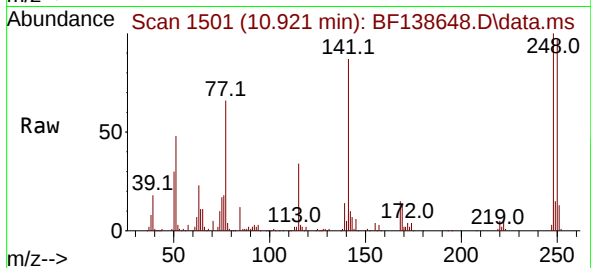




#67
4-Bromophenyl-phenylether
Concen: 40.484 ng
RT: 10.921 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138648.D
Acq: 25 Jul 2024 12:27

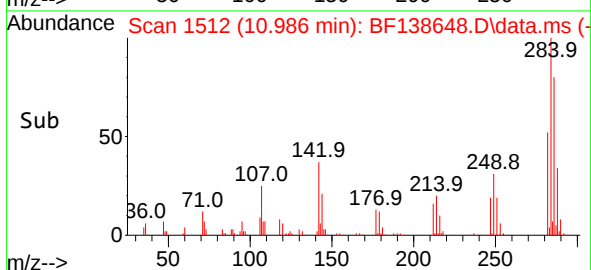
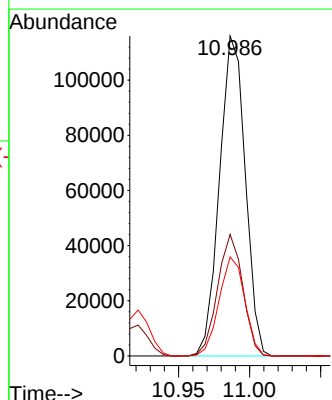
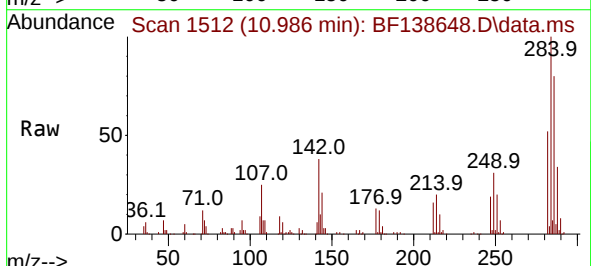
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

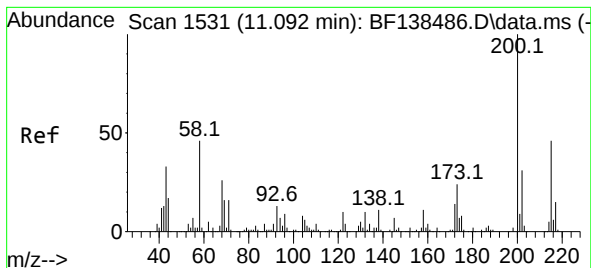
Tgt Ion:248 Resp: 130816
Ion Ratio Lower Upper
248 100
250 96.8 77.9 116.9
141 87.4 67.7 101.5



#68
Hexachlorobenzene
Concen: 40.692 ng
RT: 10.986 min Scan# 1512
Delta R.T. -0.012 min
Lab File: BF138648.D
Acq: 25 Jul 2024 12:27

Tgt Ion:284 Resp: 146072
Ion Ratio Lower Upper
284 100
142 37.9 30.5 45.7
249 31.0 25.9 38.9





#69

Atrazine

Concen: 36.264 ng

RT: 11.074 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF138648.D

Acq: 25 Jul 2024 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

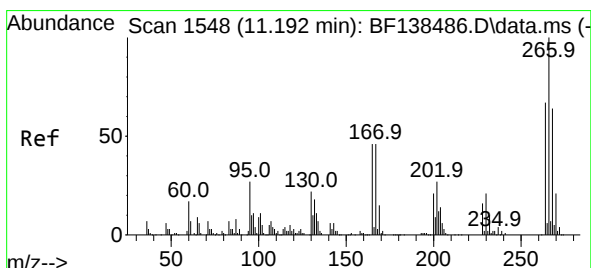
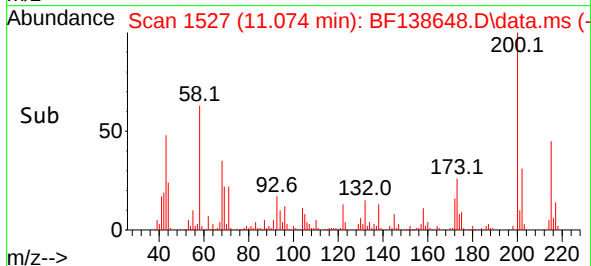
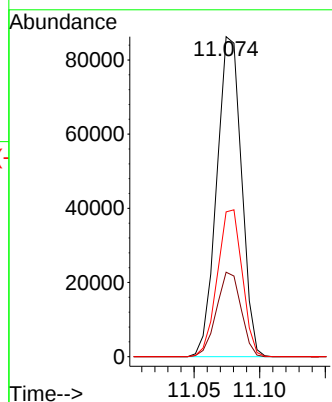
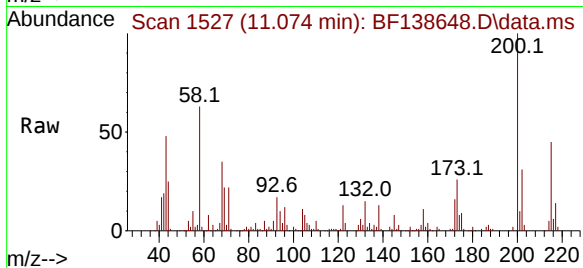
Tgt Ion:200 Resp: 113246

Ion Ratio Lower Upper

200 100

173 26.4 4.1 44.1

215 45.2 26.5 66.5



#70

Pentachlorophenol

Concen: 34.953 ng

RT: 11.186 min Scan# 1546

Delta R.T. -0.006 min

Lab File: BF138648.D

Acq: 25 Jul 2024 12:27

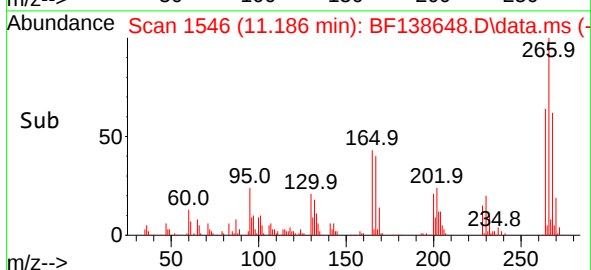
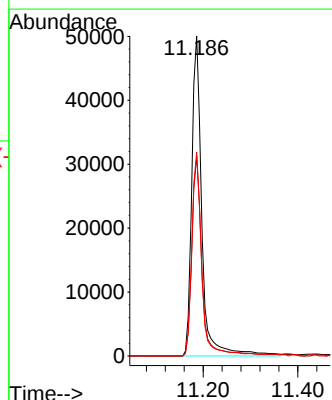
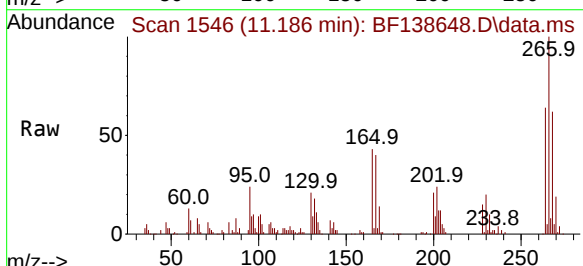
Tgt Ion:266 Resp: 74244

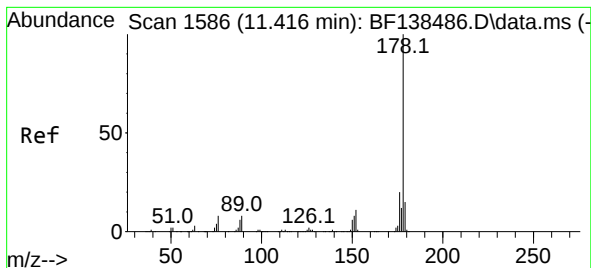
Ion Ratio Lower Upper

266 100

268 62.5 50.9 76.3

264 63.7 53.5 80.3





#71

Phenanthrene

Concen: 40.500 ng

RT: 11.404 min Scan# 1583

Delta R.T. -0.012 min

Lab File: BF138648.D

Acq: 25 Jul 2024 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

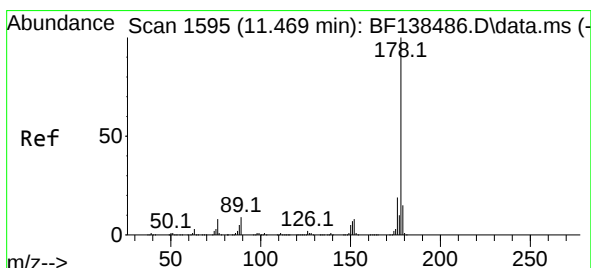
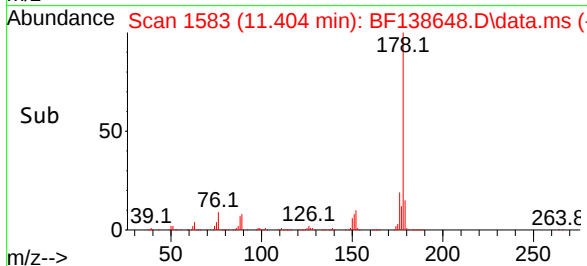
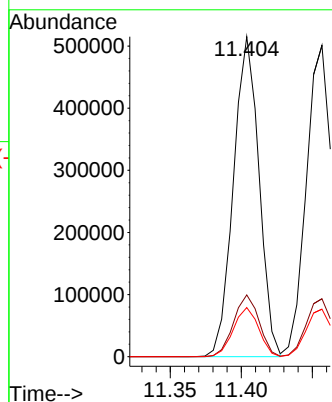
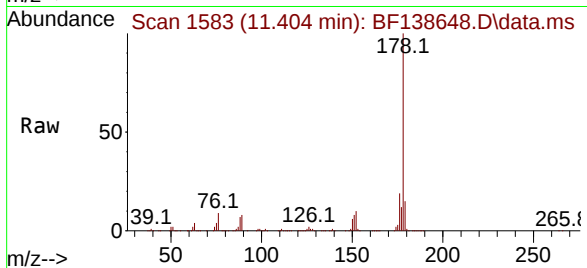
Tgt Ion:178 Resp: 643263

Ion Ratio Lower Upper

178 100

176 19.3 15.7 23.5

179 15.4 12.2 18.2



#72

Anthracene

Concen: 40.205 ng

RT: 11.457 min Scan# 1592

Delta R.T. -0.012 min

Lab File: BF138648.D

Acq: 25 Jul 2024 12:27

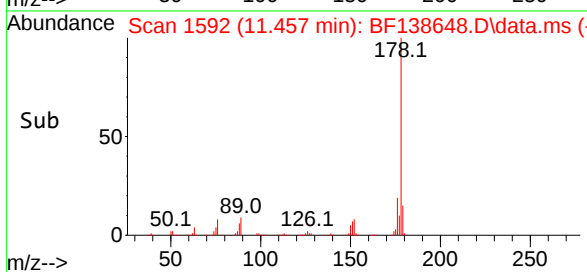
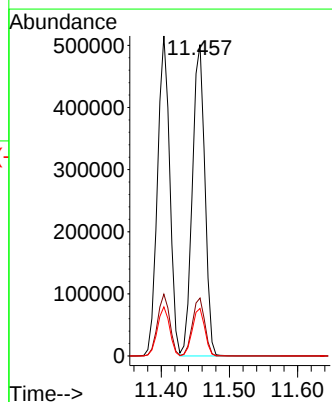
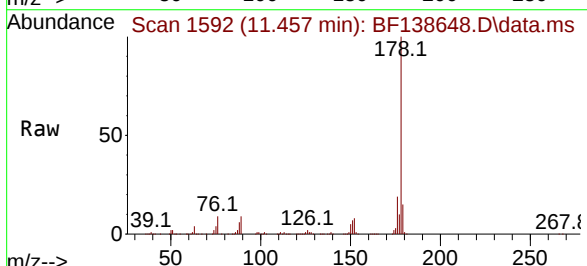
Tgt Ion:178 Resp: 633889

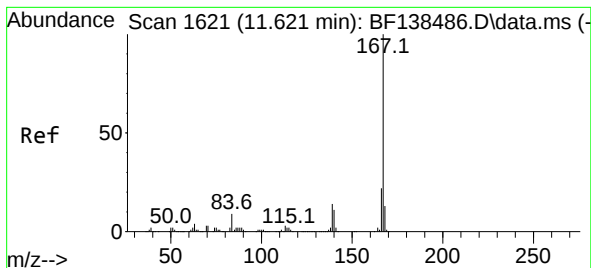
Ion Ratio Lower Upper

178 100

176 18.6 14.8 22.2

179 15.3 12.2 18.4





#73

Carbazole

Concen: 39.637 ng

RT: 11.610 min Scan# 1618

Delta R.T. -0.012 min

Lab File: BF138648.D

Acq: 25 Jul 2024 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

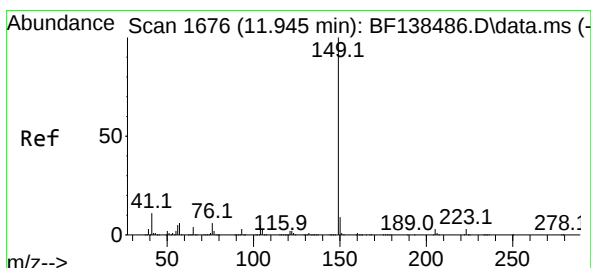
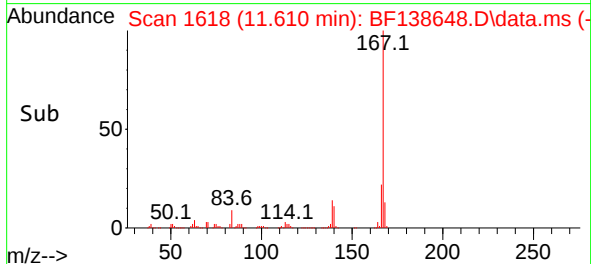
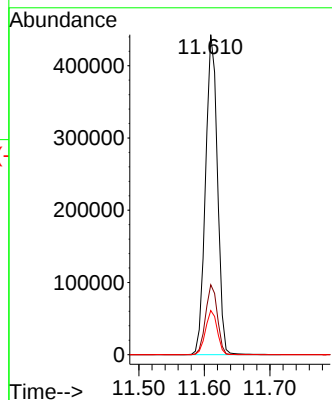
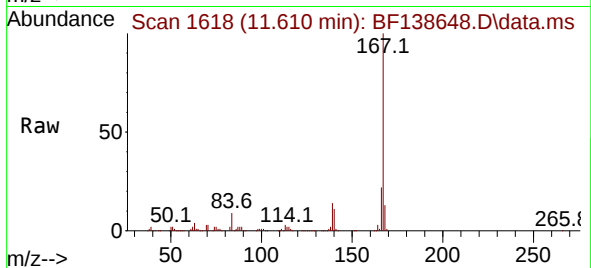
Tgt Ion:167 Resp: 561607

Ion Ratio Lower Upper

167 100

166 21.8 17.8 26.6

139 13.8 11.0 16.4



#74

Di-n-butylphthalate

Concen: 41.152 ng

RT: 11.933 min Scan# 1673

Delta R.T. -0.012 min

Lab File: BF138648.D

Acq: 25 Jul 2024 12:27

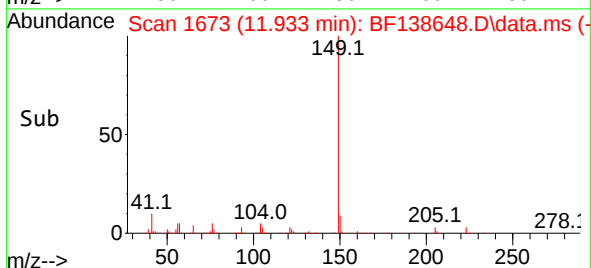
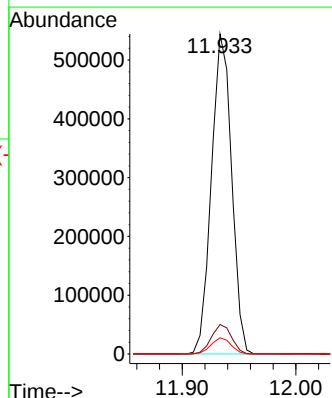
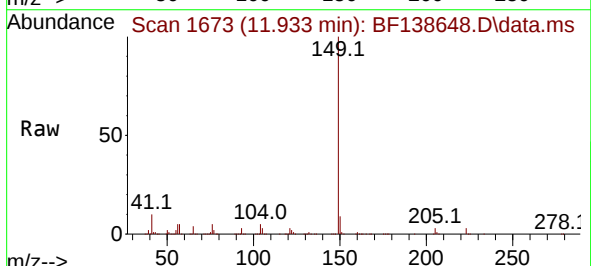
Tgt Ion:149 Resp: 672096

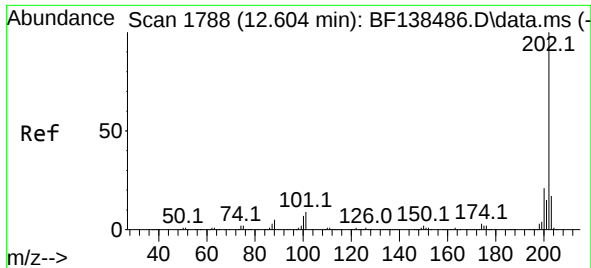
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 5.0 4.4 6.6

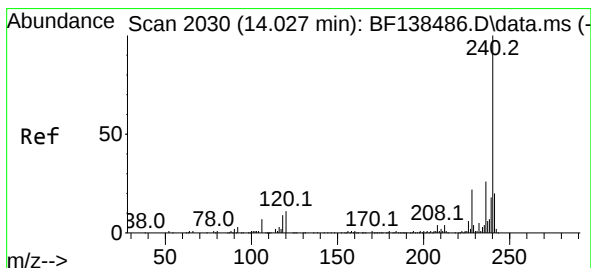
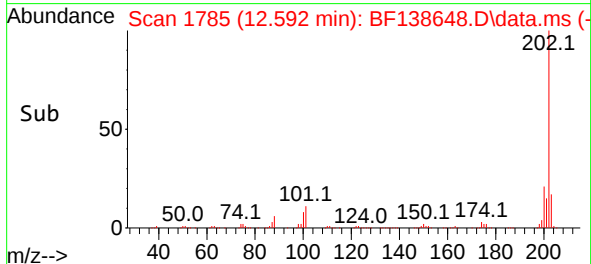
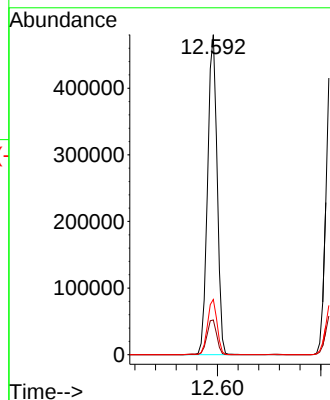
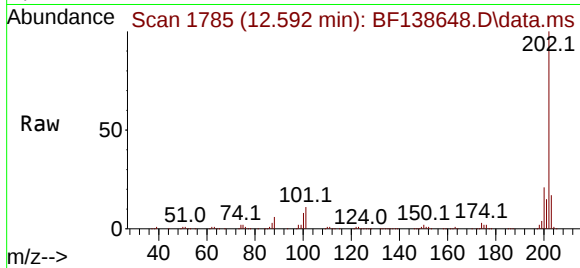




#75
Fluoranthene
Concen: 37.863 ng
RT: 12.592 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138648.D
Acq: 25 Jul 2024 12:27

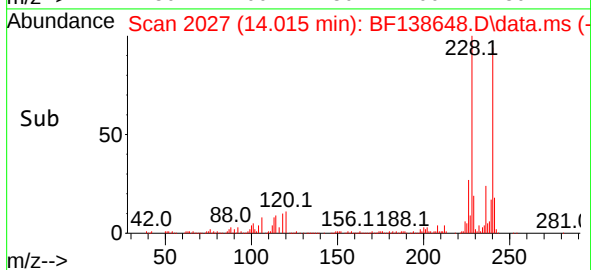
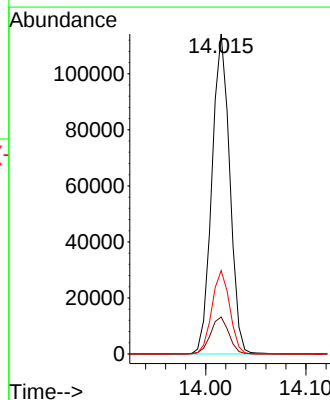
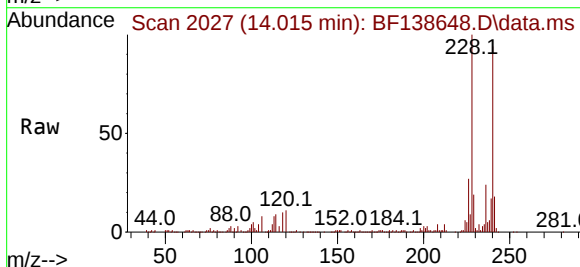
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

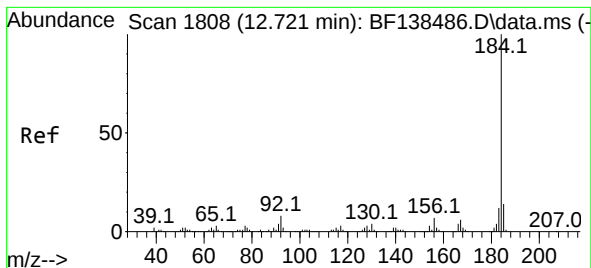
Tgt Ion:202 Resp: 613643
Ion Ratio Lower Upper
202 100
101 10.9 0.0 29.2
203 17.3 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BF138648.D
Acq: 25 Jul 2024 12:27

Tgt Ion:240 Resp: 141260
Ion Ratio Lower Upper
240 100
120 11.5 8.6 12.8
236 26.1 21.0 31.6





#77

Benzidine

Concen: 34.183 ng

RT: 12.710 min Scan# 1805

Delta R.T. -0.011 min

Lab File: BF138648.D

Acq: 25 Jul 2024 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

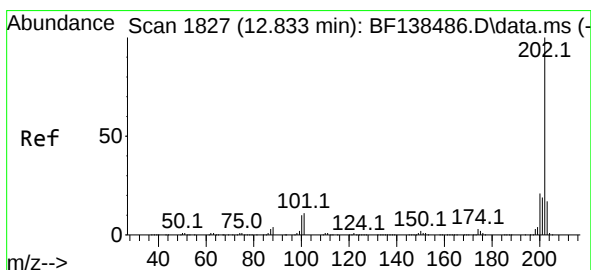
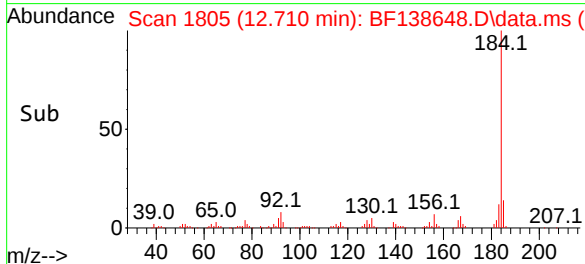
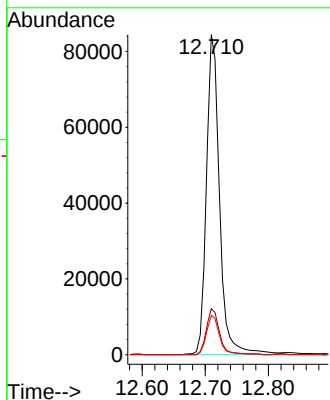
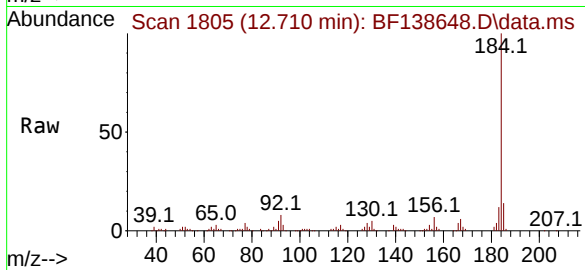
Tgt Ion:184 Resp: 121828

Ion Ratio Lower Upper

184 100

185 14.4 11.3 16.9

183 12.2 9.5 14.3



#78

Pyrene

Concen: 42.123 ng

RT: 12.821 min Scan# 1824

Delta R.T. -0.012 min

Lab File: BF138648.D

Acq: 25 Jul 2024 12:27

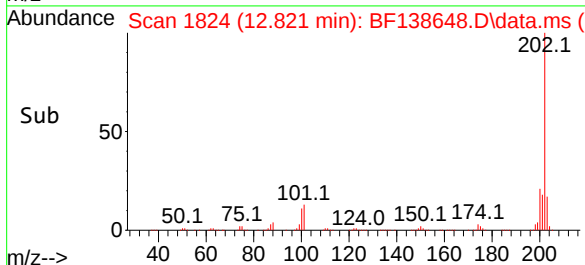
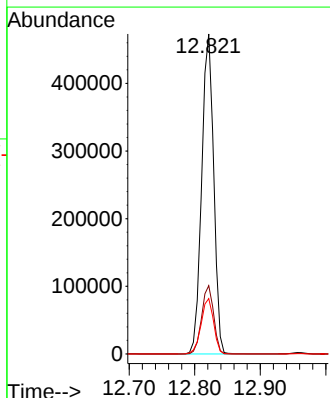
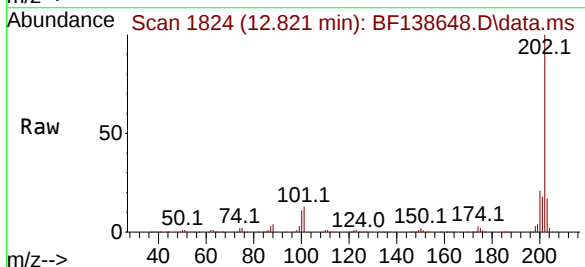
Tgt Ion:202 Resp: 604039

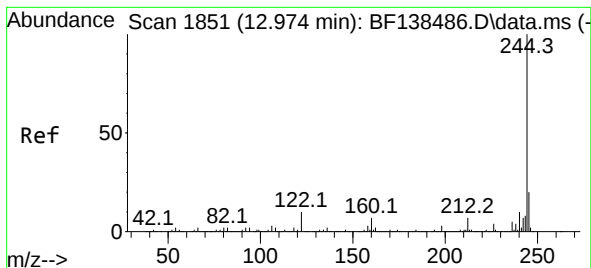
Ion Ratio Lower Upper

202 100

200 21.4 17.0 25.6

203 17.3 13.7 20.5





#79

Terphenyl-d14

Concen: 86.731 ng

RT: 12.957 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF138648.D

Acq: 25 Jul 2024 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

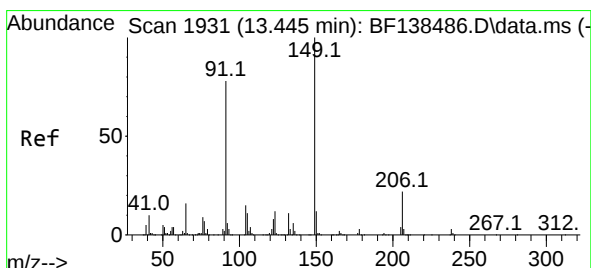
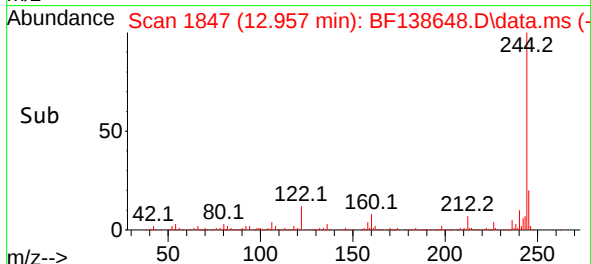
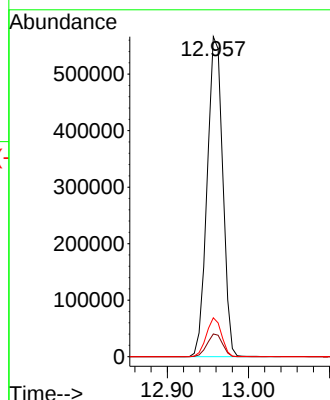
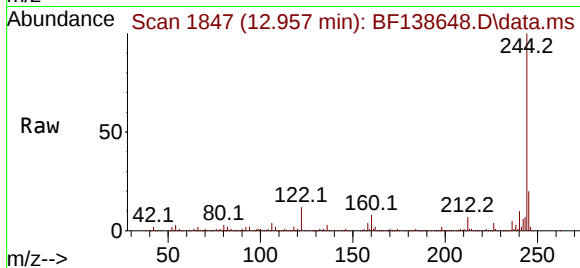
Tgt Ion:244 Resp: 752042

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

122 12.2 7.8 11.8#



#80

Butylbenzylphthalate

Concen: 44.646 ng

RT: 13.433 min Scan# 1928

Delta R.T. -0.012 min

Lab File: BF138648.D

Acq: 25 Jul 2024 12:27

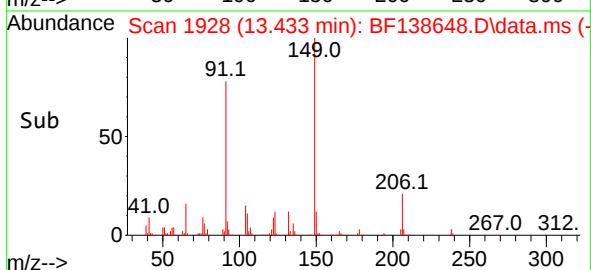
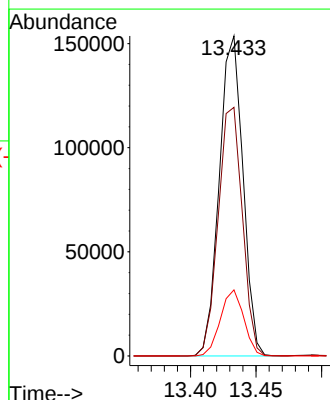
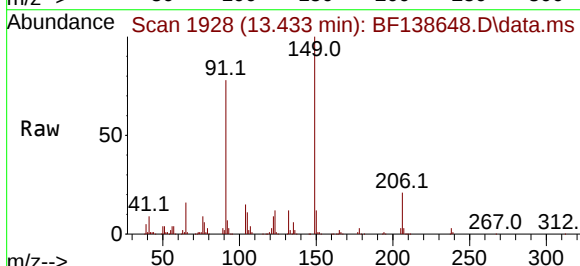
Tgt Ion:149 Resp: 192590

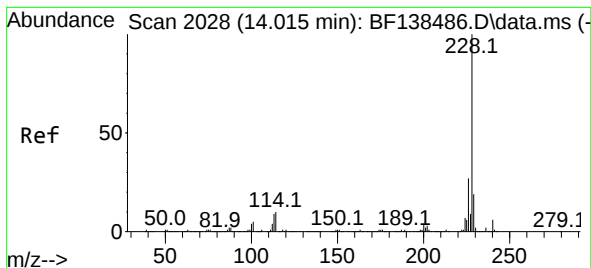
Ion Ratio Lower Upper

149 100

91 77.7 62.1 93.1

206 20.6 18.0 27.0





#81

Benzo(a)anthracene

Concen: 40.257 ng

RT: 14.004 min Scan# 2019

Delta R.T. -0.012 min

Lab File: BF138648.D

Acq: 25 Jul 2024 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

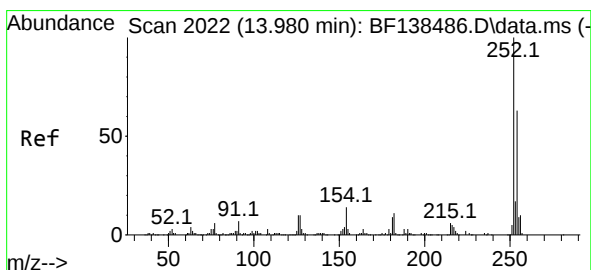
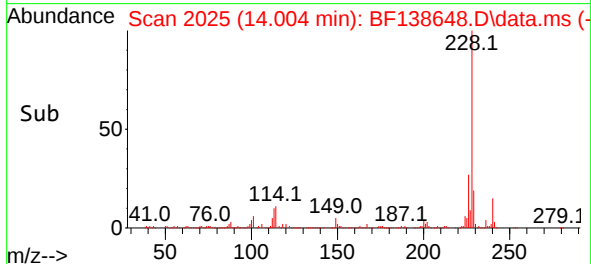
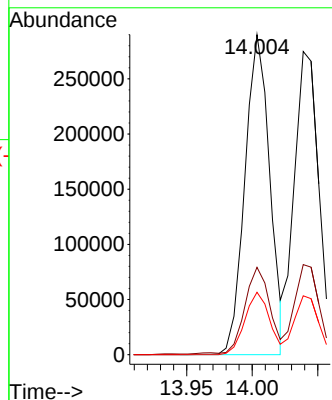
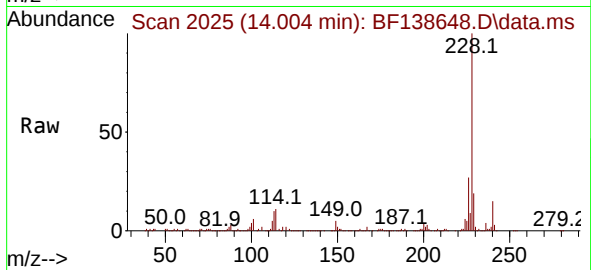
Tgt Ion:228 Resp: 381575

Ion Ratio Lower Upper

228 100

226 27.3 21.9 32.9

229 19.5 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 42.516 ng

RT: 13.968 min Scan# 2019

Delta R.T. -0.012 min

Lab File: BF138648.D

Acq: 25 Jul 2024 12:27

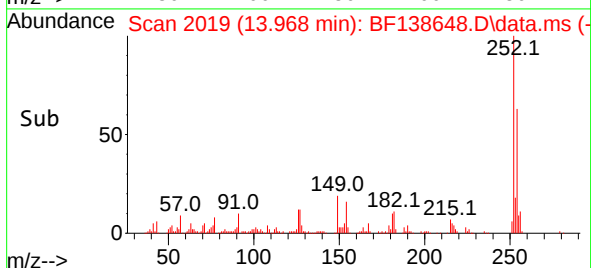
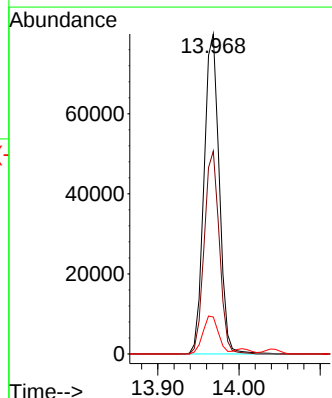
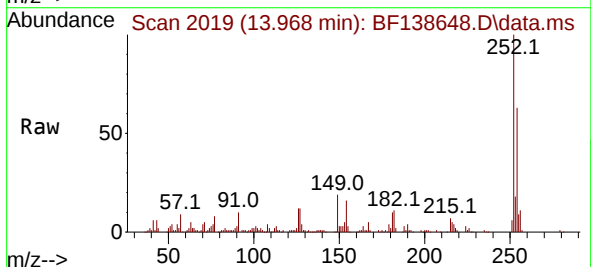
Tgt Ion:252 Resp: 103840

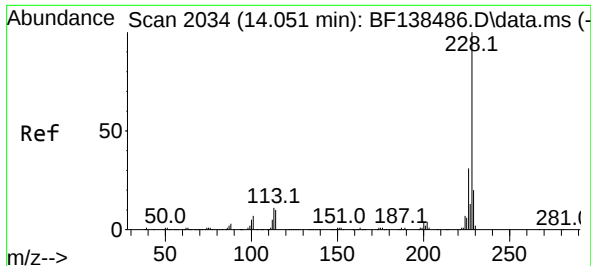
Ion Ratio Lower Upper

252 100

254 63.4 50.3 75.5

126 11.5 8.1 12.1

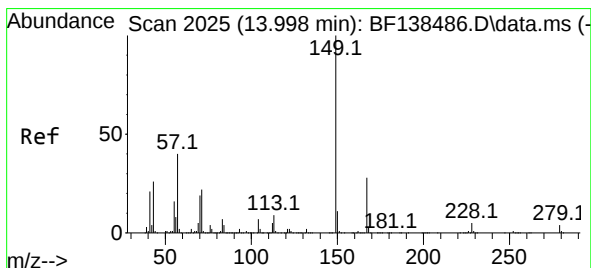
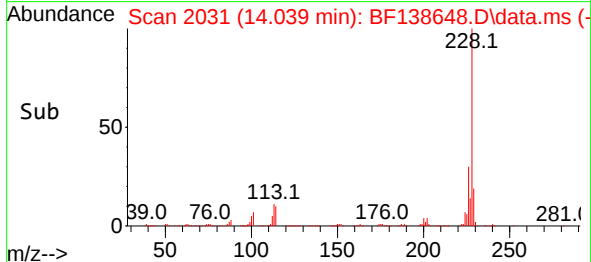
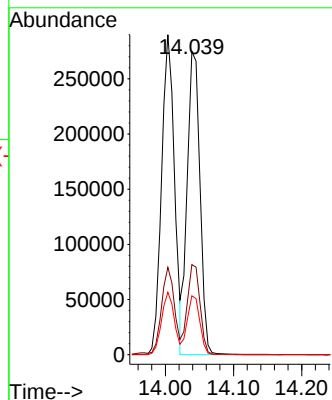
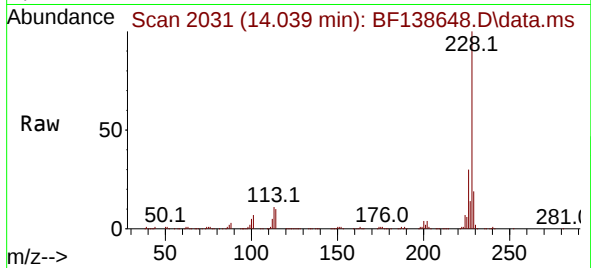




#83
Chrysene
Concen: 39.776 ng
RT: 14.039 min Scan# 2034
Delta R.T. -0.012 min
Lab File: BF138648.D
Acq: 25 Jul 2024 12:27

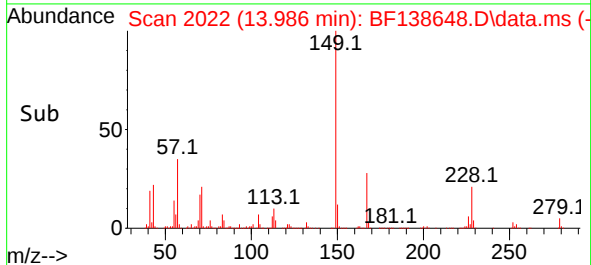
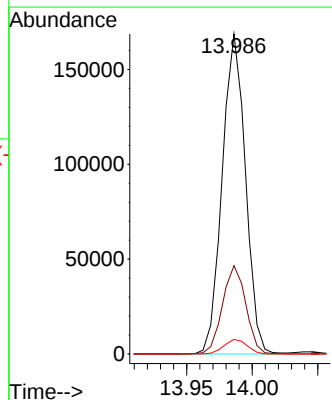
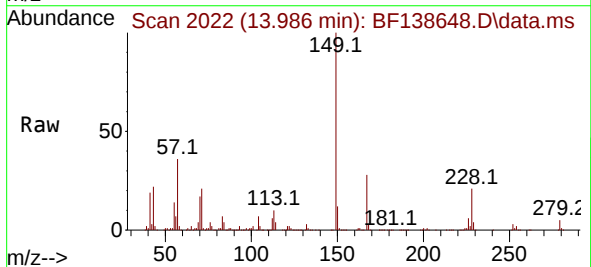
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

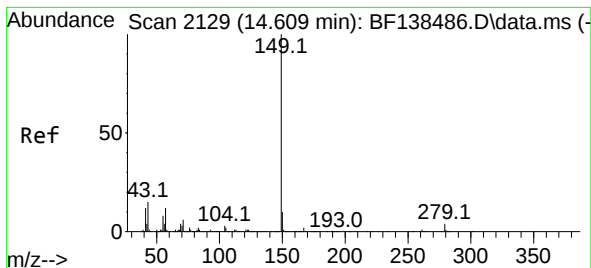
Tgt Ion:228 Resp: 356658
Ion Ratio Lower Upper
228 100
226 29.7 24.4 36.6
229 19.4 16.0 24.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.156 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.012 min
Lab File: BF138648.D
Acq: 25 Jul 2024 12:27

Tgt Ion:149 Resp: 207747
Ion Ratio Lower Upper
149 100
167 27.6 22.5 33.7
279 4.5 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 45.527 ng

RT: 14.598 min Scan# 2126

Delta R.T. -0.011 min

Lab File: BF138648.D

Acq: 25 Jul 2024 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

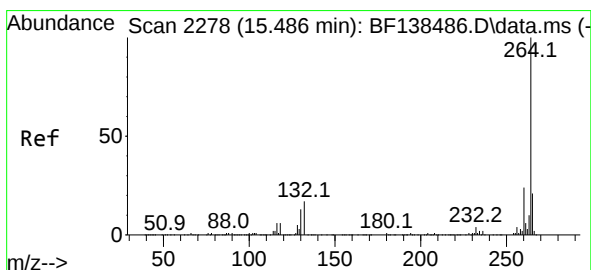
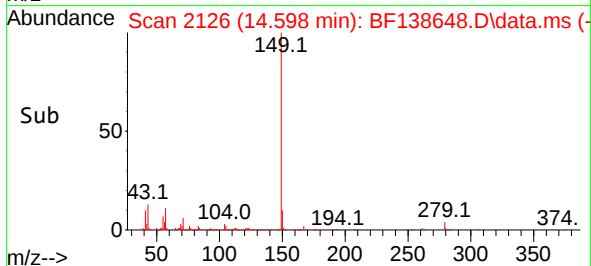
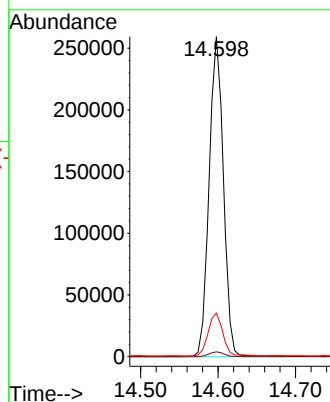
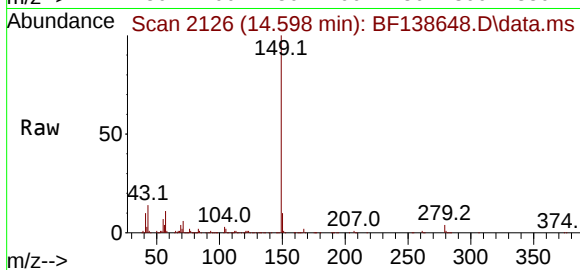
Tgt Ion:149 Resp: 330885

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 13.8 10.7 16.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.480 min Scan# 2276

Delta R.T. -0.006 min

Lab File: BF138648.D

Acq: 25 Jul 2024 12:27

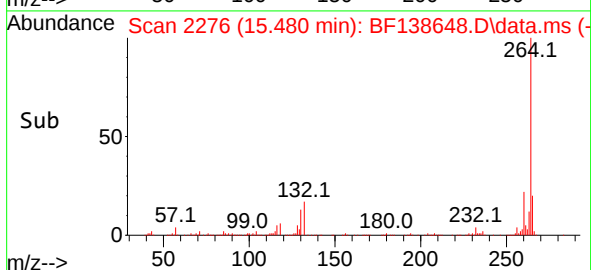
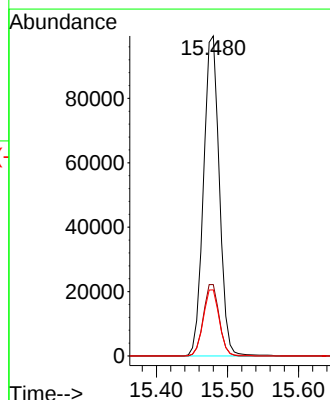
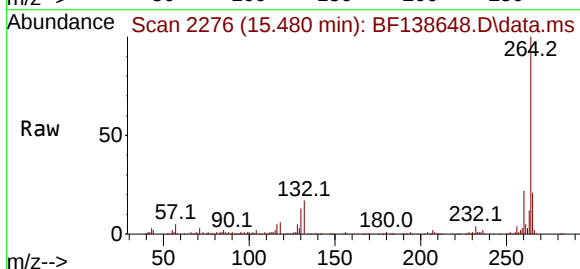
Tgt Ion:264 Resp: 154041

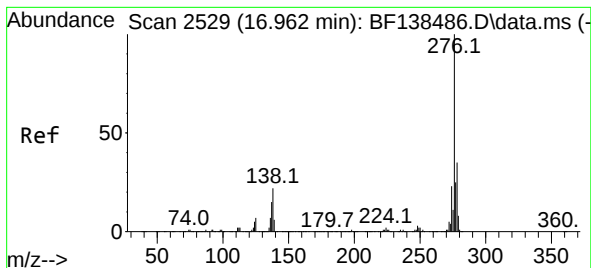
Ion Ratio Lower Upper

264 100

260 22.3 19.0 28.6

265 20.6 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.263 ng

RT: 16.951 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF138648.D

Acq: 25 Jul 2024 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

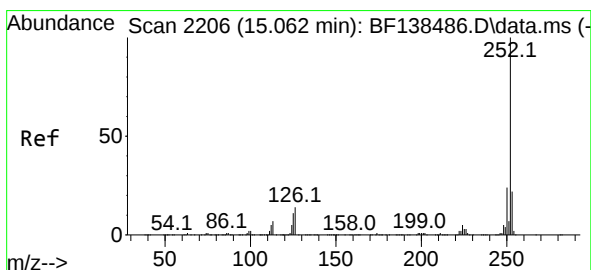
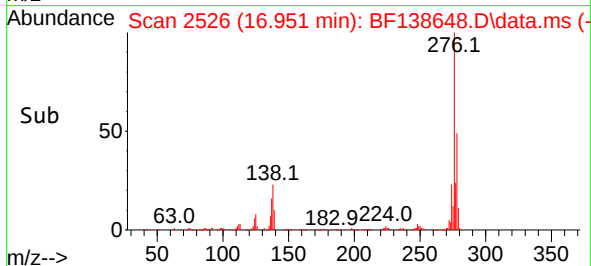
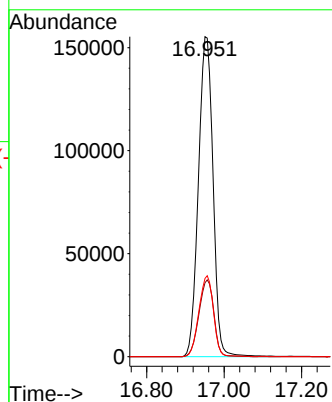
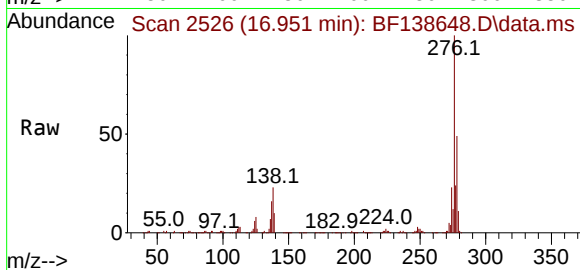
Tgt Ion:276 Resp: 406248

Ion Ratio Lower Upper

276 100

138 24.5 19.6 29.4

277 25.2 20.5 30.7



#88

Benzo(b)fluoranthene

Concen: 43.083 ng

RT: 15.051 min Scan# 2203

Delta R.T. -0.012 min

Lab File: BF138648.D

Acq: 25 Jul 2024 12:27

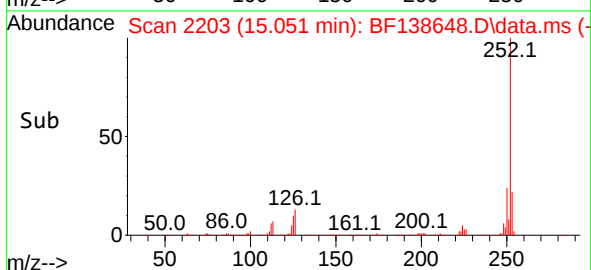
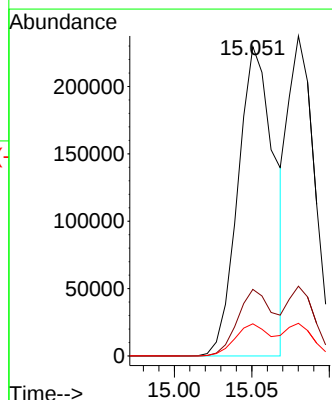
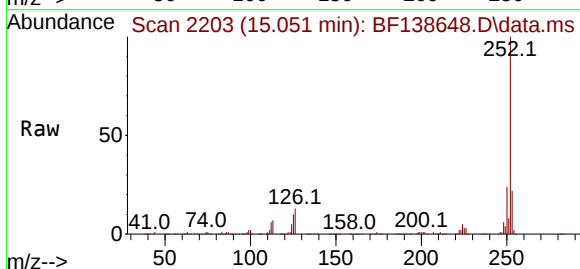
Tgt Ion:252 Resp: 373747

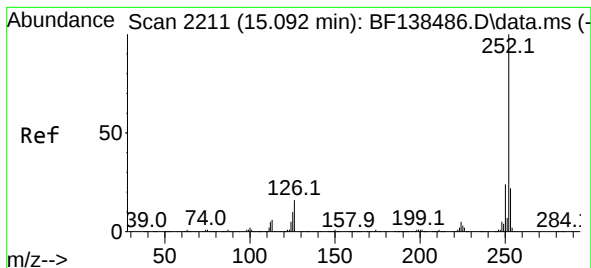
Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

125 10.4 8.6 13.0





#89

Benzo(k)fluoranthene

Concen: 33.364 ng

RT: 15.080 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF138648.D

Acq: 25 Jul 2024 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

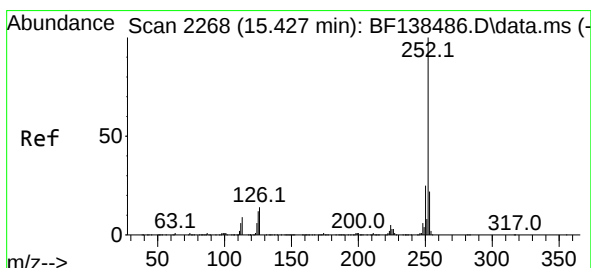
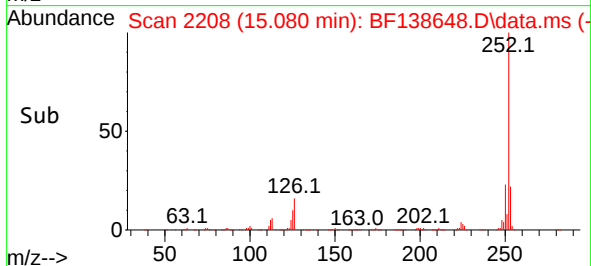
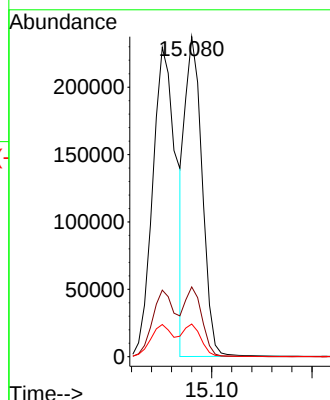
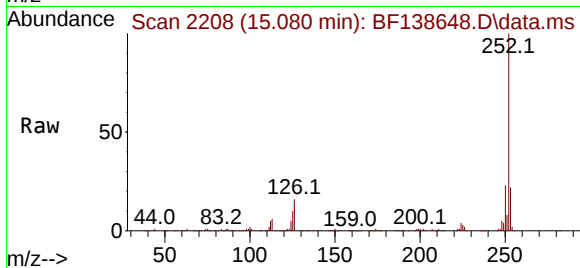
Tgt Ion:252 Resp: 282289

Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 10.2 8.1 12.1



#90

Benzo(a)pyrene

Concen: 39.843 ng

RT: 15.415 min Scan# 2265

Delta R.T. -0.012 min

Lab File: BF138648.D

Acq: 25 Jul 2024 12:27

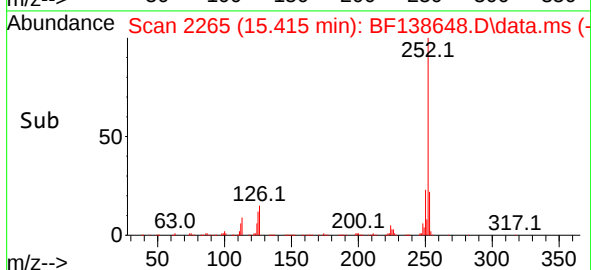
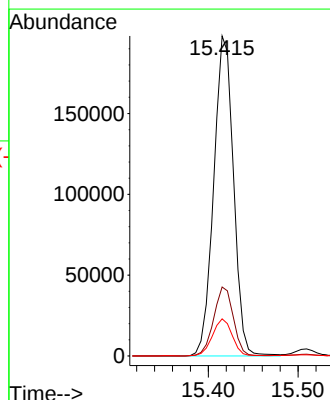
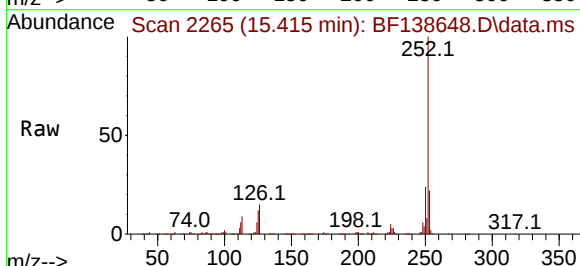
Tgt Ion:252 Resp: 303631

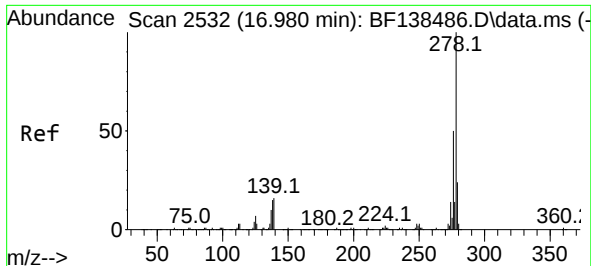
Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

125 11.6 9.4 14.2

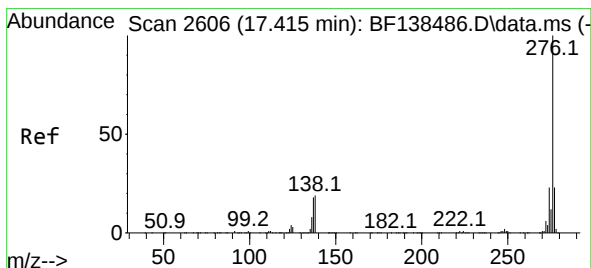
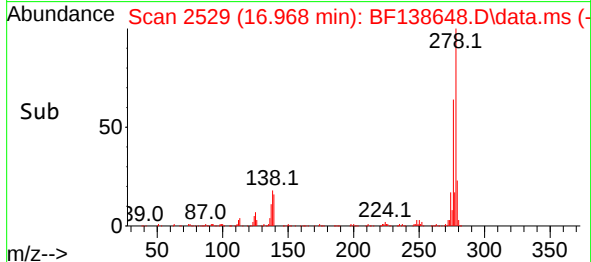
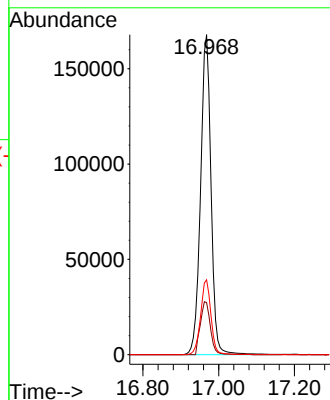
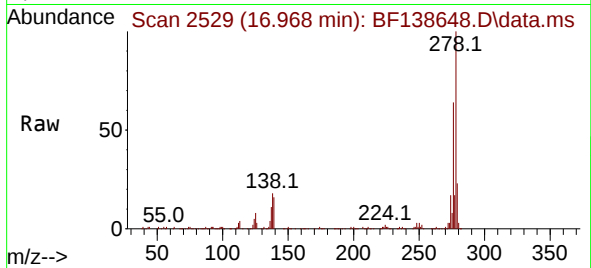




#91
Dibenzo(a,h)anthracene
Concen: 38.302 ng
RT: 16.968 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF138648.D
Acq: 25 Jul 2024 12:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 324182
Ion Ratio Lower Upper
278 100
139 16.3 12.8 19.2
279 23.4 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 38.290 ng
RT: 17.398 min Scan# 2602
Delta R.T. -0.018 min
Lab File: BF138648.D
Acq: 25 Jul 2024 12:27

Tgt Ion:276 Resp: 343658
Ion Ratio Lower Upper
276 100
277 22.9 18.0 27.0
138 21.5 15.5 23.3

