

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121223\
 Data File : BF136508.D
 Acq On : 12 Dec 2023 10:52
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 12 11:40:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	118805	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	487987	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	262692	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	495404	20.000	ng	0.00
76) Chrysene-d12	13.980	240	254997	20.000	ng	0.00
86) Perylene-d12	15.457	264	246710	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	595419	74.015	ng	0.00
7) Phenol-d6	6.445	99	748486	74.573	ng	0.00
23) Nitrobenzene-d5	7.363	82	695628	77.063	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	248673	76.774	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1439156	74.754	ng	0.00
79) Terphenyl-d14	12.922	244	1591590	82.267	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.557	88	116901	36.740	ng	98
3) Pyridine	3.316	79	316771	41.109	ng	95
4) n-Nitrosodimethylamine	3.287	42	126278	37.720	ng	95
6) Aniline	6.469	93	467537	46.093	ng	99
8) 2-Chlorophenol	6.587	128	335817	38.238	ng	97
9) Benzaldehyde	6.357	77	208994	41.575	ng	96
10) Phenol	6.457	94	402565	37.693	ng	90
11) bis(2-Chloroethyl)ether	6.540	93	301408	37.861	ng	99
12) 1,3-Dichlorobenzene	6.740	146	346059	35.038	ng	99
13) 1,4-Dichlorobenzene	6.816	146	351680	35.101	ng	99
14) 1,2-Dichlorobenzene	6.969	146	327080	34.717	ng	99
15) Benzyl Alcohol	6.945	79	271163	40.346	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.075	45	370822	36.217	ng	96
17) 2-Methylphenol	7.057	107	284340	40.075	ng	97
18) Hexachloroethane	7.304	117	121779	34.814	ng	96
19) n-Nitroso-di-n-propyla...	7.216	70	222286	38.393	ng	99
20) 3+4-Methylphenols	7.210	107	354443	40.246	ng	95
22) Acetophenone	7.210	105	458994	38.090	ng	98
24) Nitrobenzene	7.381	77	334226	36.806	ng	99
25) Isophorone	7.622	82	630322	38.867	ng	98
26) 2-Nitrophenol	7.698	139	181211	40.592	ng	91
27) 2,4-Dimethylphenol	7.739	122	276853	50.294	ng	100
28) bis(2-Chloroethoxy)met...	7.834	93	389920	39.128	ng	99
29) 2,4-Dichlorophenol	7.939	162	283869	39.069	ng	100
30) 1,2,4-Trichlorobenzene	8.016	180	309893	36.577	ng	98
31) Naphthalene	8.098	128	999471	37.141	ng	99
32) Benzoic acid	7.869	122	171771	31.456	ng	98
33) 4-Chloroaniline	8.151	127	420567	43.837	ng	99
34) Hexachlorobutadiene	8.216	225	182476	36.342	ng	98
35) Caprolactam	8.534	113	91946	41.093	ng	95
36) 4-Chloro-3-methylphenol	8.639	107	306083	39.675	ng	98
37) 2-Methylnaphthalene	8.792	142	686358	40.091	ng	96
38) 1-Methylnaphthalene	8.892	142	639020	38.038	ng	98
40) 1,2,4,5-Tetrachloroben...	8.957	216	316832	38.767	ng	100
41) Hexachlorocyclopentadiene	8.939	237	135396	44.718	ng	98
43) 2,4,6-Trichlorophenol	9.069	196	204618	38.451	ng	97

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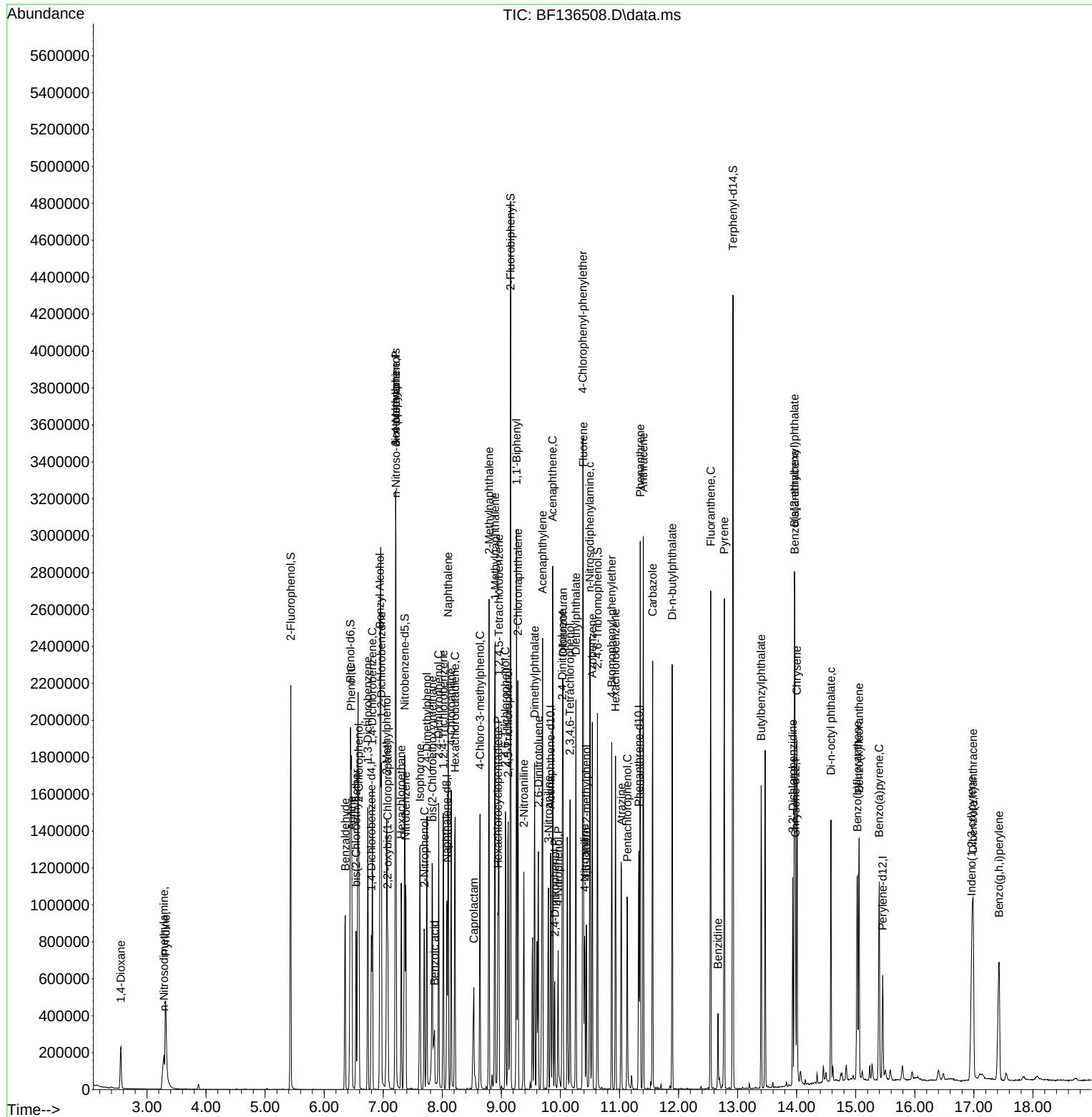
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	238119	40.092	ng	93
46) 1,1'-Biphenyl	9.257	154	841664	37.654	ng	99
47) 2-Chloronaphthalene	9.281	162	628351	36.118	ng	97
48) 2-Nitroaniline	9.381	65	186512	39.972	ng	97
49) Acenaphthylene	9.698	152	976683	39.409	ng	99
50) Dimethylphthalate	9.563	163	773068	39.972	ng	98
51) 2,6-Dinitrotoluene	9.628	165	169932	39.056	ng	94
52) Acenaphthene	9.869	154	602688	37.950	ng	98
53) 3-Nitroaniline	9.798	138	181959	40.953	ng	97
54) 2,4-Dinitrophenol	9.904	184	85685	38.950	ng	96
55) Dibenzofuran	10.045	168	902120	38.884	ng	97
56) 4-Nitrophenol	9.963	139	125893	37.797	ng	92
57) 2,4-Dinitrotoluene	10.033	165	221729	38.522	ng	97
58) Fluorene	10.386	166	709893	38.118	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	182706	38.404	ng	99
60) Diethylphthalate	10.263	149	744622	39.154	ng	99
61) 4-Chlorophenyl-phenyle...	10.381	204	354776	39.077	ng	93
62) 4-Nitroaniline	10.410	138	179055	40.585	ng	95
63) Azobenzene	10.539	77	661574	38.219	ng	98
65) 4,6-Dinitro-2-methylph...	10.439	198	122937	40.069	ng	99
66) n-Nitrosodiphenylamine	10.498	169	637436	40.099	ng	98
67) 4-Bromophenyl-phenylether	10.869	248	226170	39.267	ng	93
68) Hexachlorobenzene	10.933	284	242541	36.433	ng	97
69) Atrazine	11.033	200	169700	37.403	ng	98
70) Pentachlorophenol	11.133	266	136386	36.300	ng	98
71) Phenanthrene	11.351	178	1061980	39.001	ng	99
72) Anthracene	11.404	178	1068116	38.945	ng	99
73) Carbazole	11.563	167	899956	37.075	ng	99
74) Di-n-butylphthalate	11.892	149	1139250	38.284	ng	99
75) Fluoranthene	12.545	202	1035589	36.292	ng	98
77) Benzidine	12.669	184	159572	31.777	ng	98
78) Pyrene	12.774	202	1022352	40.938	ng	98
80) Butylbenzylphthalate	13.398	149	367283	41.314	ng	91
81) Benzo(a)anthracene	13.969	228	692696	38.998	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	223842	44.947	ng	100
83) Chrysene	14.004	228	681597	39.003	ng	98
84) Bis(2-ethylhexyl)phtha...	13.963	149	442282	40.582	ng	99
85) Di-n-octyl phthalate	14.580	149	646156	40.139	ng	99
87) Indeno(1,2,3-cd)pyrene	16.962	276	706206	41.203	ng	99
88) Benzo(b)fluoranthene	15.027	252	580441	34.410	ng	99
89) Benzo(k)fluoranthene	15.057	252	562159	35.363	ng	99
90) Benzo(a)pyrene	15.398	252	552985	39.696	ng	99
91) Dibenzo(a,h)anthracene	16.986	278	580575	41.348	ng	99
92) Benzo(g,h,i)perylene	17.427	276	582168	40.395	ng	99

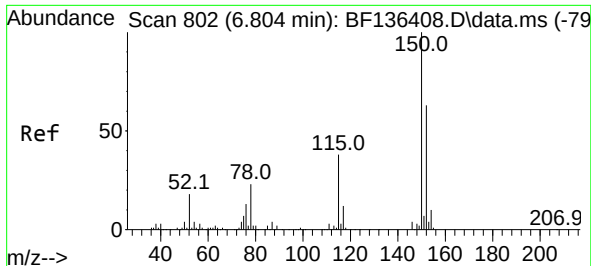
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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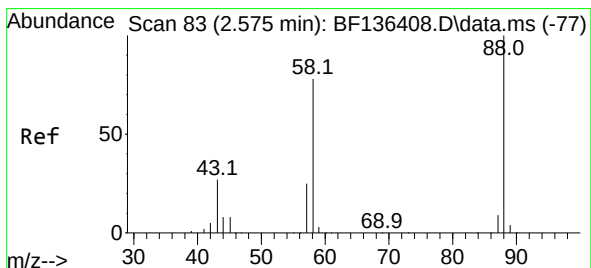
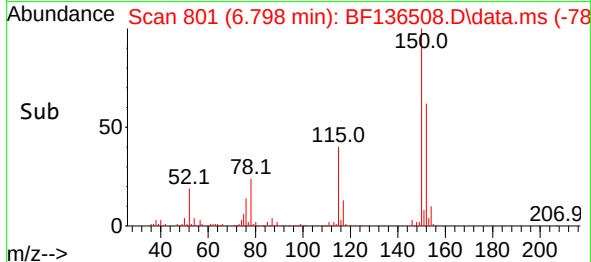
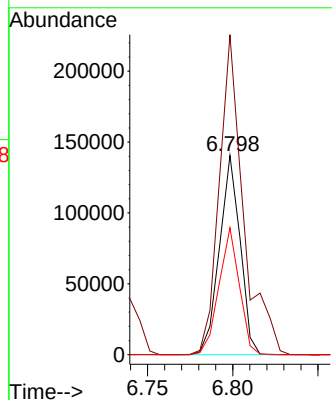
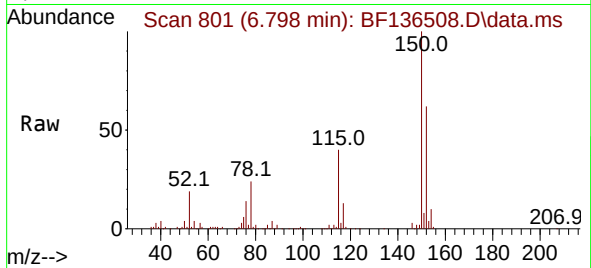




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF136508.D
 Acq: 12 Dec 2023 10:52

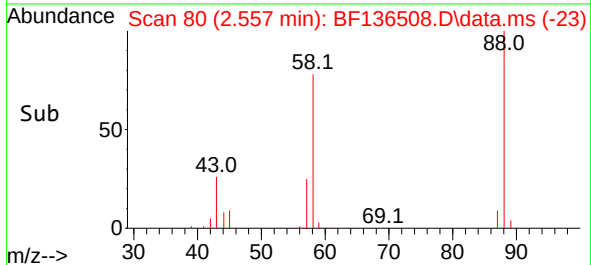
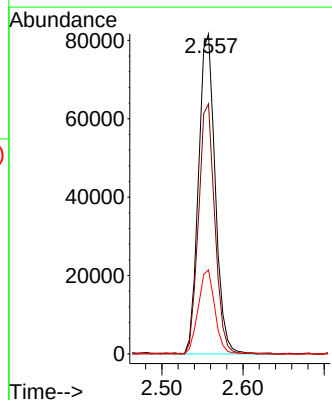
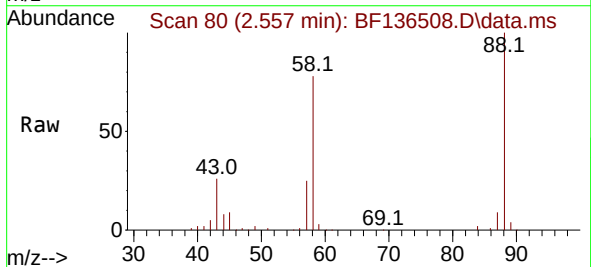
Instrument :
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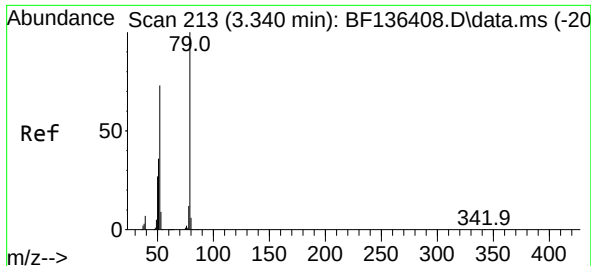
Tgt Ion:152 Resp: 118805
 Ion Ratio Lower Upper
 152 100
 150 160.6 126.4 189.6
 115 63.6 48.2 72.4



#2
 1,4-Dioxane
 Concen: 36.740 ng
 RT: 2.557 min Scan# 80
 Delta R.T. -0.018 min
 Lab File: BF136508.D
 Acq: 12 Dec 2023 10:52

Tgt Ion: 88 Resp: 116901
 Ion Ratio Lower Upper
 88 100
 58 76.2 62.2 93.2
 43 26.2 21.5 32.3

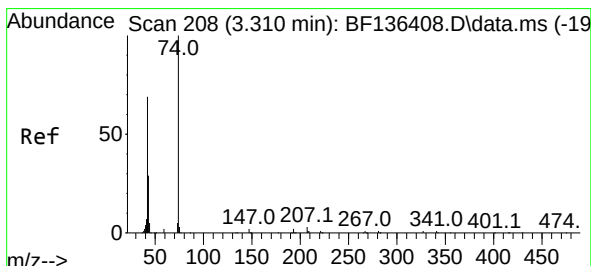
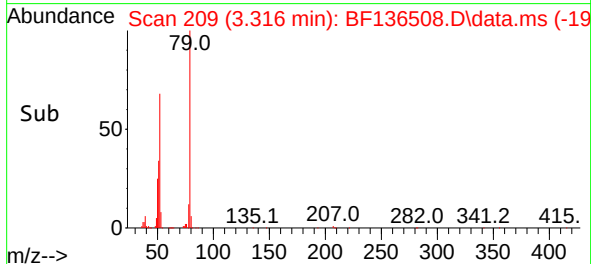
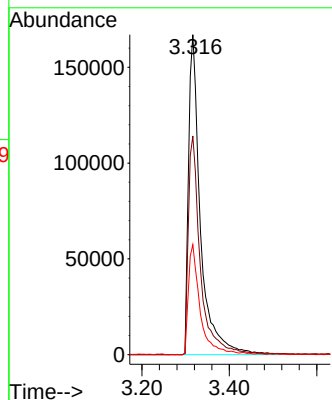
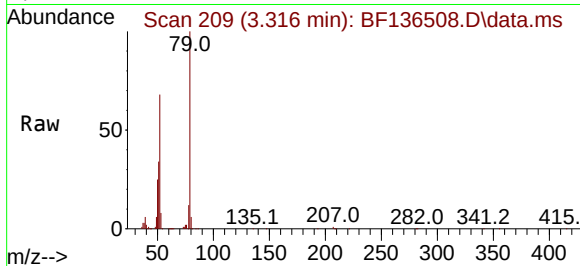




#3
Pyridine
Concen: 41.109 ng
RT: 3.316 min Scan# 209
Delta R.T. -0.023 min
Lab File: BF136508.D
Acq: 12 Dec 2023 10:52

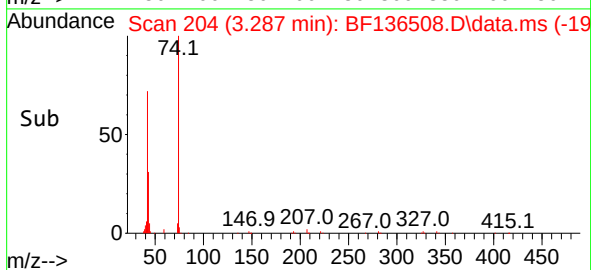
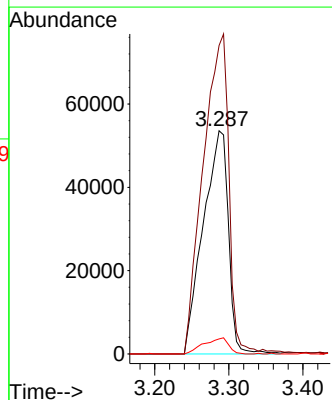
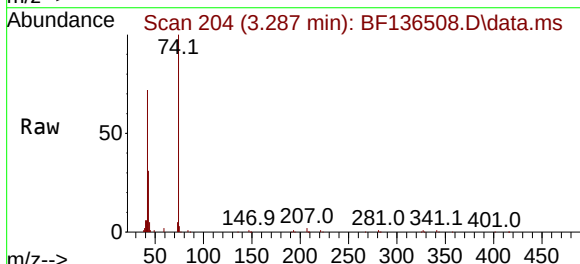
Instrument :
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ClientSampleId :
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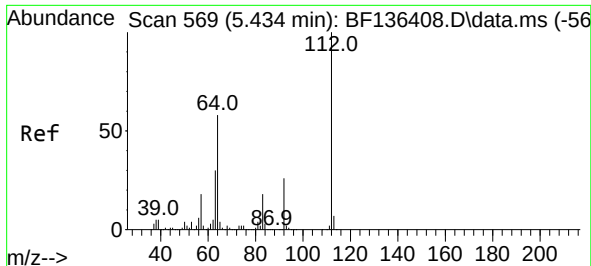
Tgt Ion: 79 Resp: 316771
Ion Ratio Lower Upper
79 100
52 68.4 58.2 87.2
51 34.4 29.1 43.7



#4
n-Nitrosodimethylamine
Concen: 37.720 ng
RT: 3.287 min Scan# 204
Delta R.T. -0.024 min
Lab File: BF136508.D
Acq: 12 Dec 2023 10:52

Tgt Ion: 42 Resp: 126278
Ion Ratio Lower Upper
42 100
74 138.2 115.4 173.0
44 6.7 6.2 9.2

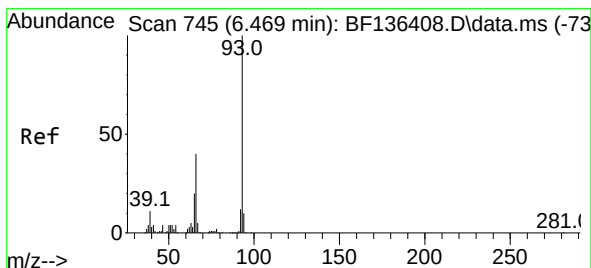
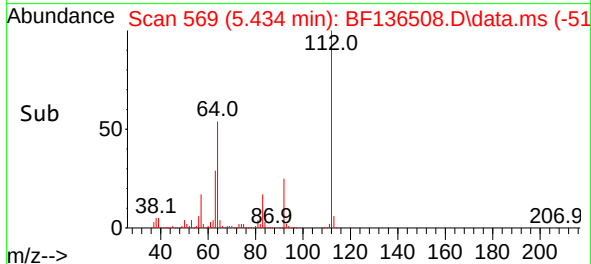
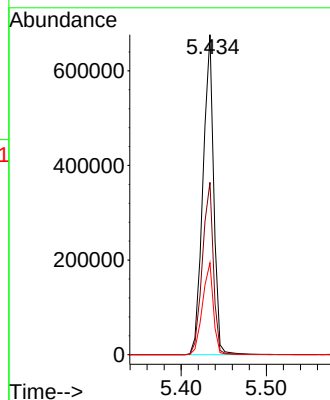
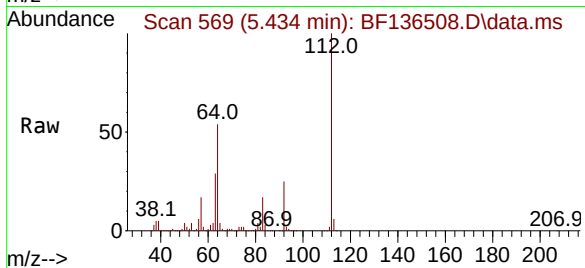




#5
2-Fluorophenol
Concen: 74.015 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.000 min
Lab File: BF136508.D
Acq: 12 Dec 2023 10:52

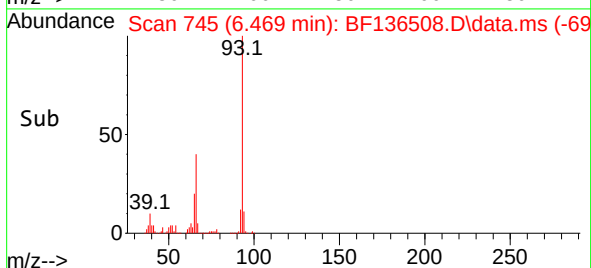
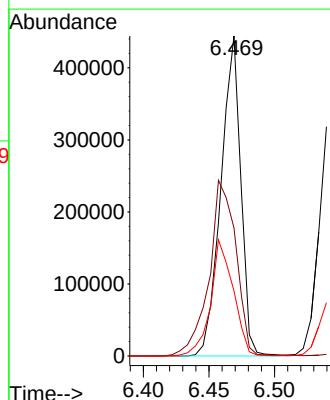
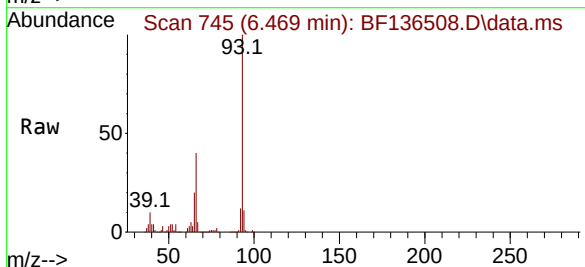
Instrument :
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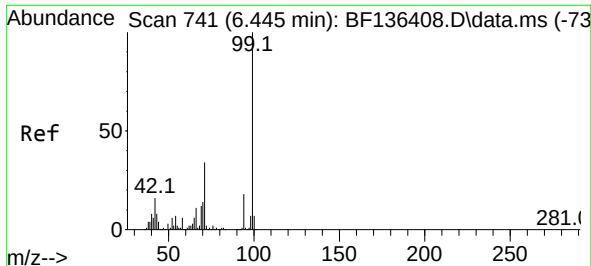
Tgt Ion:112 Resp: 595419
Ion Ratio Lower Upper
112 100
64 53.8 46.5 69.7
63 28.7 23.9 35.9



#6
Aniline
Concen: 46.093 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF136508.D
Acq: 12 Dec 2023 10:52

Tgt Ion: 93 Resp: 467537
Ion Ratio Lower Upper
93 100
66 40.0 32.5 48.7
65 20.4 16.4 24.6

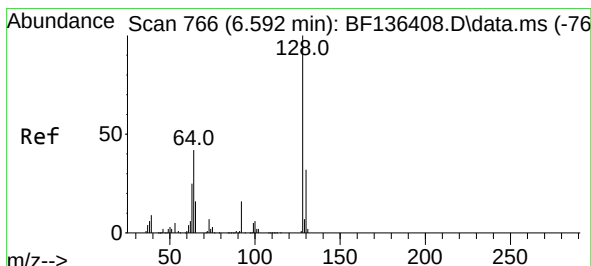
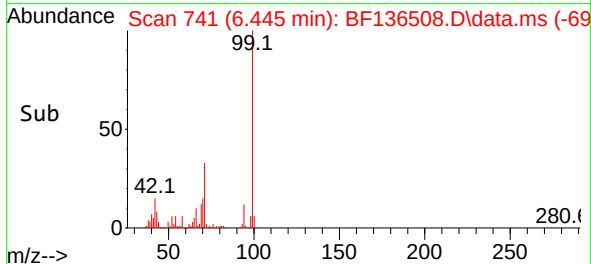
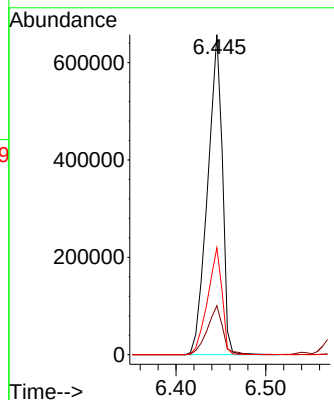
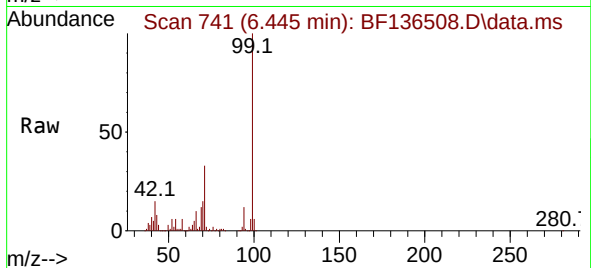




#7
Phenol-d6
Concen: 74.573 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF136508.D
Acq: 12 Dec 2023 10:52

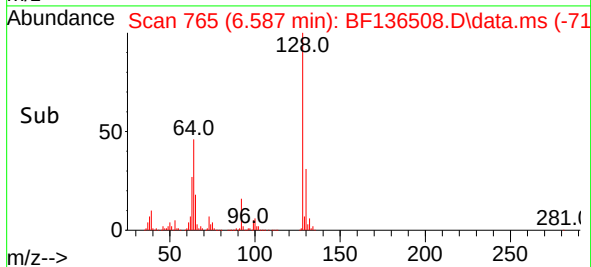
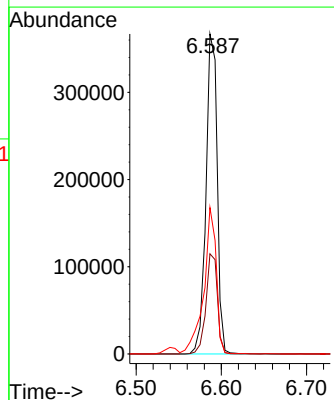
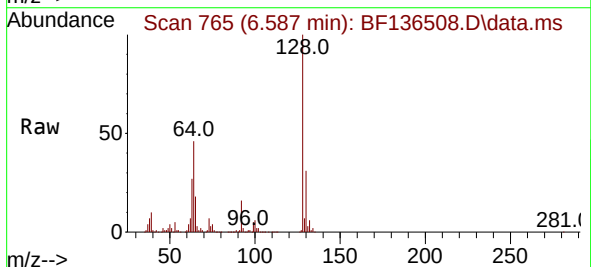
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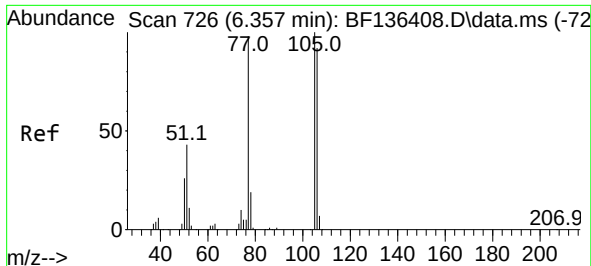
Tgt Ion: 99 Resp: 748486
Ion Ratio Lower Upper
99 100
42 15.3 12.8 19.2
71 33.4 27.0 40.4



#8
2-Chlorophenol
Concen: 38.238 ng
RT: 6.587 min Scan# 765
Delta R.T. -0.006 min
Lab File: BF136508.D
Acq: 12 Dec 2023 10:52

Tgt Ion:128 Resp: 335817
Ion Ratio Lower Upper
128 100
130 31.3 11.7 51.7
64 45.8 22.5 62.5





#9

Benzaldehyde

Concen: 41.575 ng

RT: 6.357 min Scan# 726

Delta R.T. 0.000 min

Lab File: BF136508.D

Acq: 12 Dec 2023 10:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

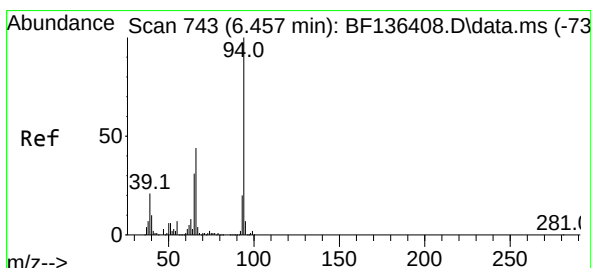
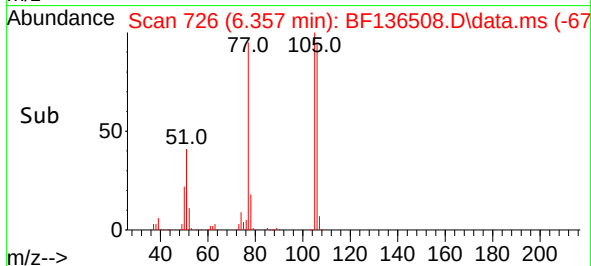
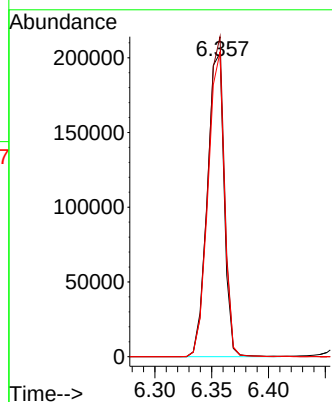
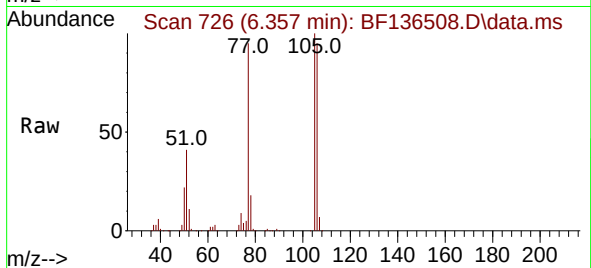
Tgt Ion: 77 Resp: 208994

Ion Ratio Lower Upper

77 100

105 105.4 82.5 122.5

106 100.3 74.5 114.5



#10

Phenol

Concen: 37.693 ng

RT: 6.457 min Scan# 743

Delta R.T. 0.000 min

Lab File: BF136508.D

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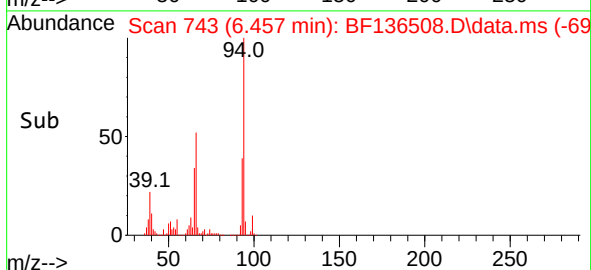
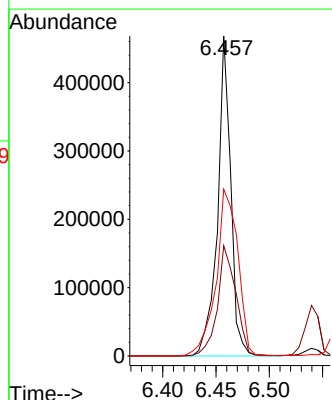
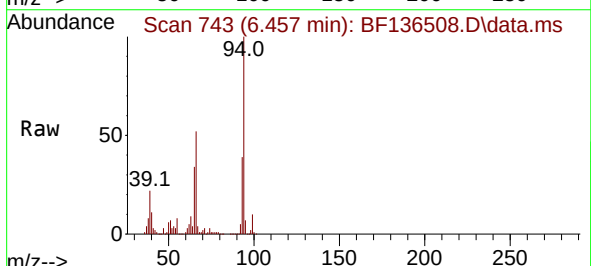
Tgt Ion: 94 Resp: 402565

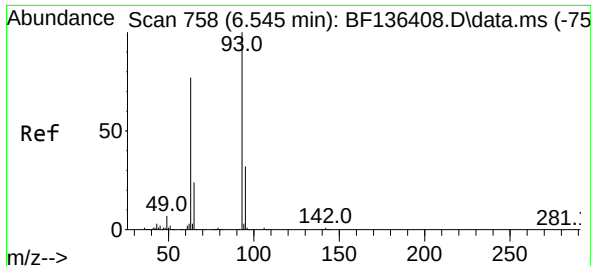
Ion Ratio Lower Upper

94 100

65 34.5 11.2 51.2

66 52.1 24.2 64.2





#11

bis(2-Chloroethyl)ether

Concen: 37.861 ng

RT: 6.540 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF136508.D

Acq: 12 Dec 2023 10:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

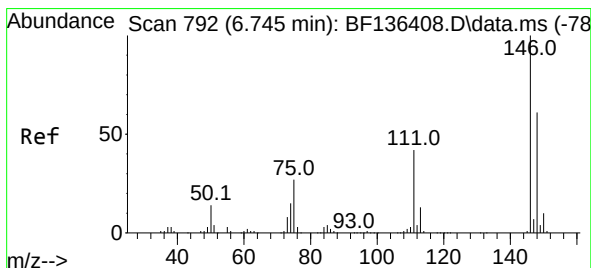
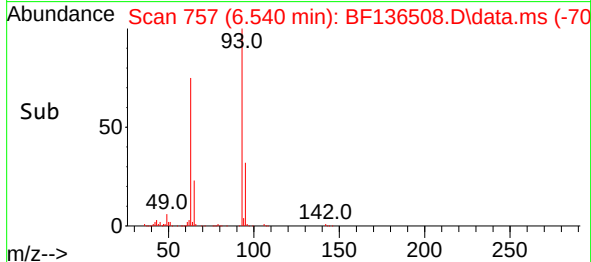
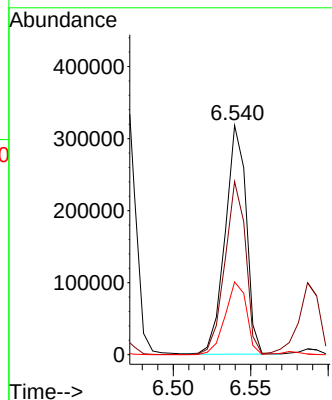
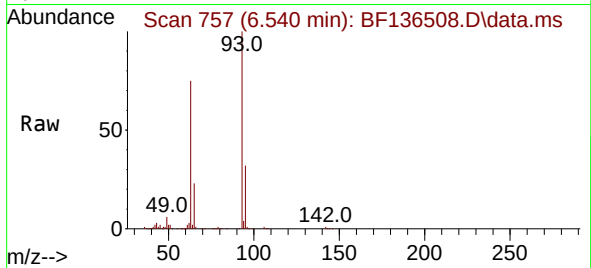
Tgt Ion: 93 Resp: 301408

Ion Ratio Lower Upper

93 100

63 75.5 56.8 96.8

95 31.8 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 35.038 ng

RT: 6.740 min Scan# 791

Delta R.T. -0.006 min

Lab File: BF136508.D

Acq: 12 Dec 2023 10:52

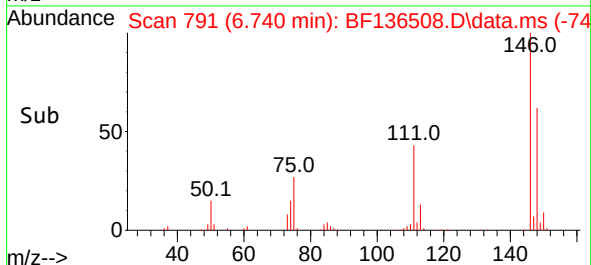
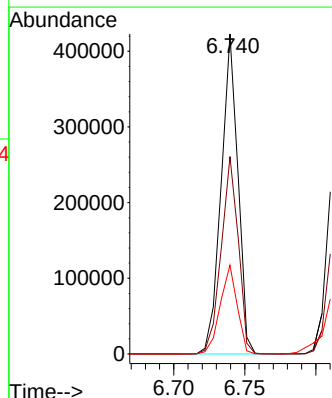
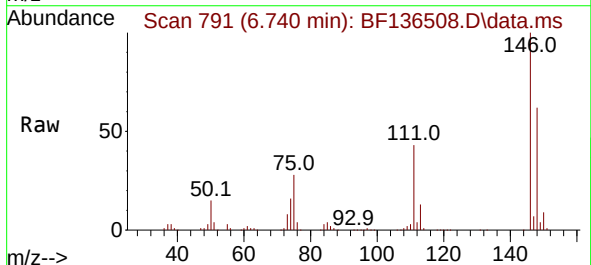
Tgt Ion:146 Resp: 346059

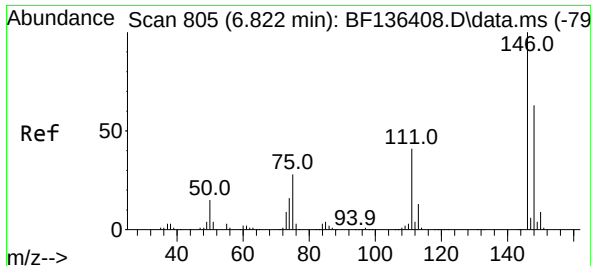
Ion Ratio Lower Upper

146 100

148 61.7 49.0 73.6

75 27.8 21.8 32.6





#13

1,4-Dichlorobenzene

Concen: 35.101 ng

RT: 6.816 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF136508.D

Acq: 12 Dec 2023 10:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

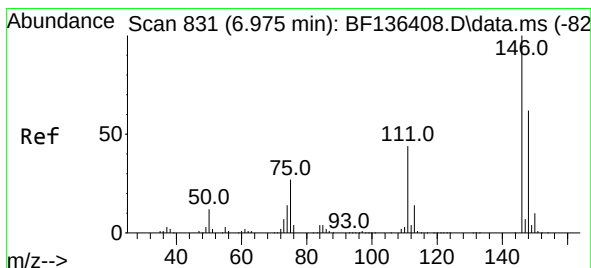
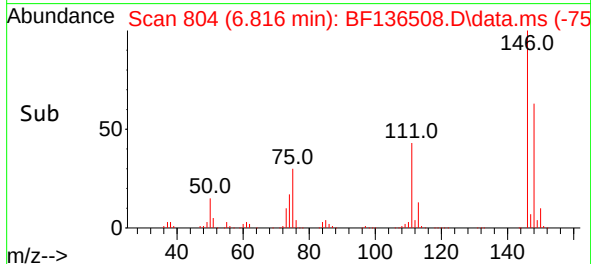
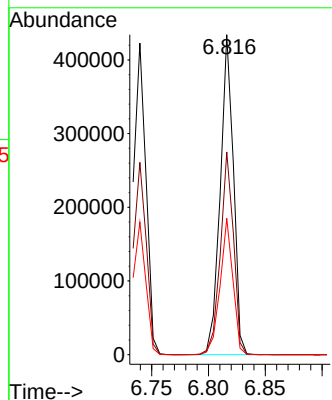
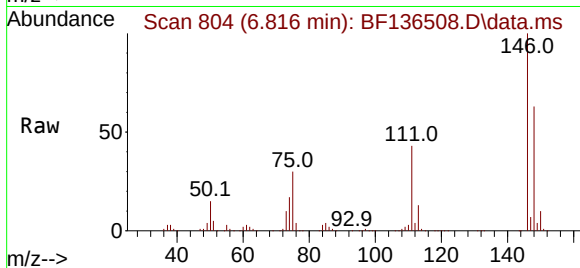
Tgt Ion:146 Resp: 351680

Ion Ratio Lower Upper

146 100

148 63.3 50.3 75.5

111 42.6 32.6 49.0



#14

1,2-Dichlorobenzene

Concen: 34.717 ng

RT: 6.969 min Scan# 830

Delta R.T. -0.006 min

Lab File: BF136508.D

Acq: 12 Dec 2023 10:52

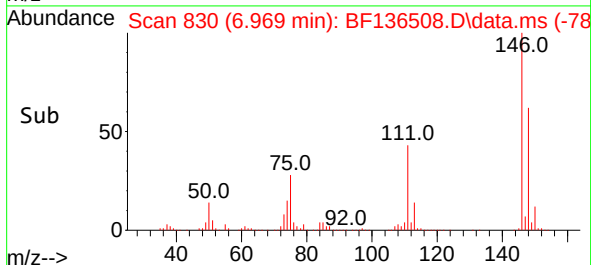
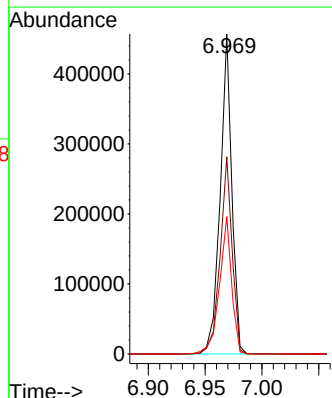
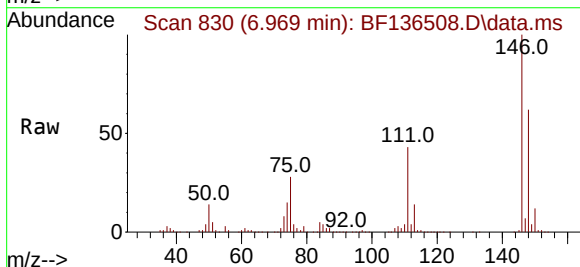
Tgt Ion:146 Resp: 327080

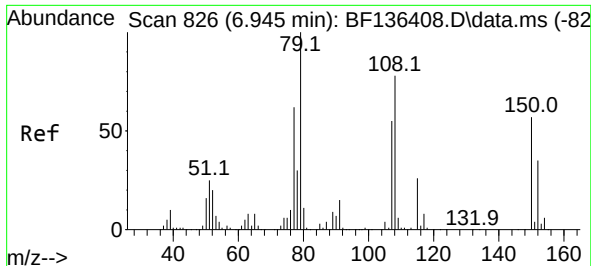
Ion Ratio Lower Upper

146 100

148 61.6 49.8 74.6

111 42.9 34.9 52.3

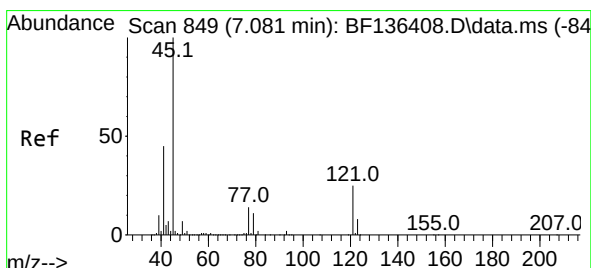
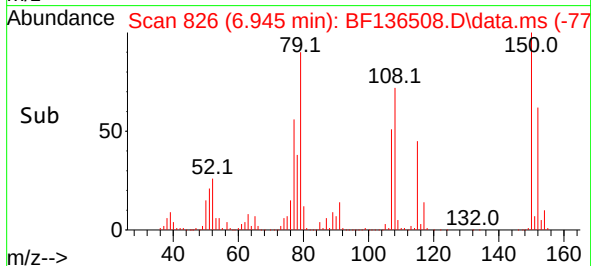
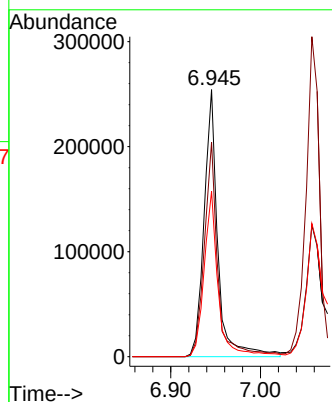
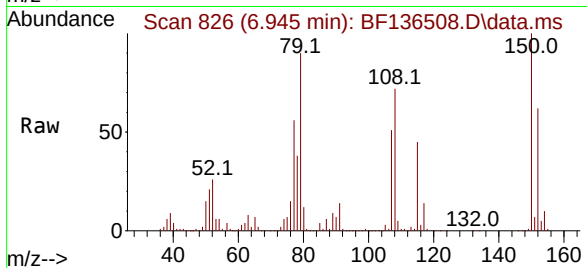




#15
Benzyl Alcohol
Concen: 40.346 ng
RT: 6.945 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136508.D
Acq: 12 Dec 2023 10:52

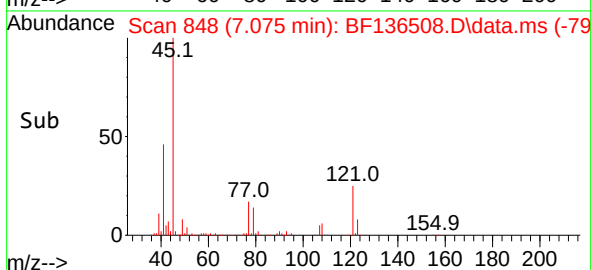
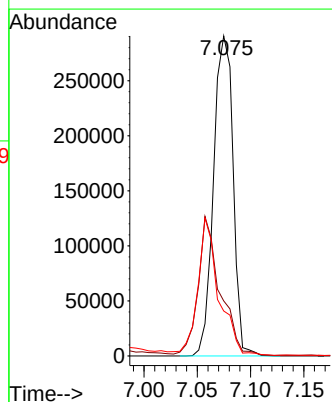
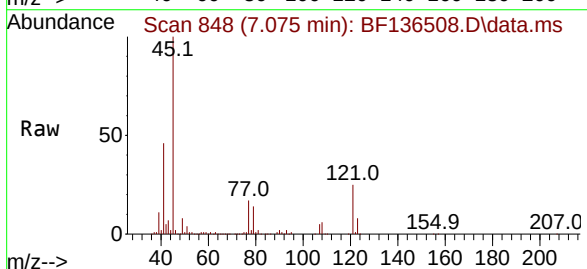
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

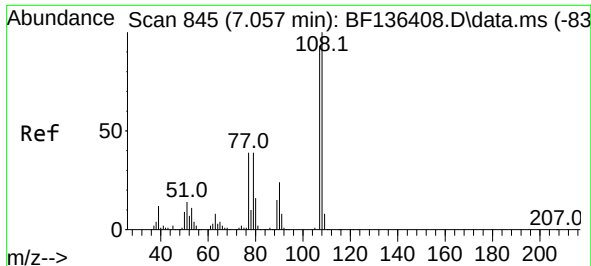
Tgt Ion: 79 Resp: 271163
Ion Ratio Lower Upper
79 100
108 80.3 62.3 93.5
77 61.9 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.217 ng
RT: 7.075 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF136508.D
Acq: 12 Dec 2023 10:52

Tgt Ion: 45 Resp: 370822
Ion Ratio Lower Upper
45 100
77 17.2 0.0 35.3
79 14.0 0.0 32.5

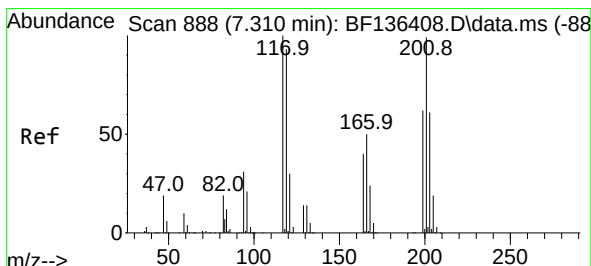
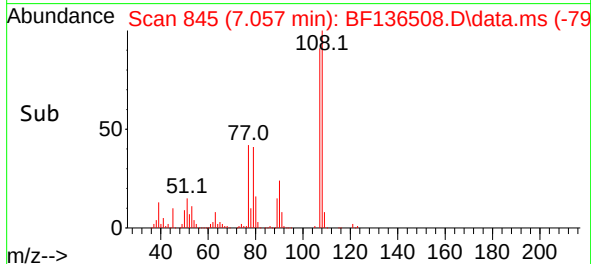
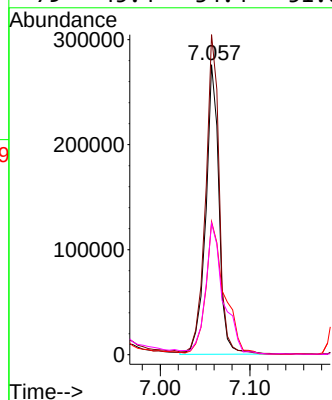
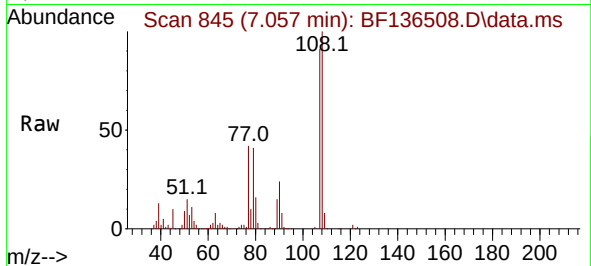




#17
2-Methylphenol
Concen: 40.075 ng
RT: 7.057 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF136508.D
Acq: 12 Dec 2023 10:52

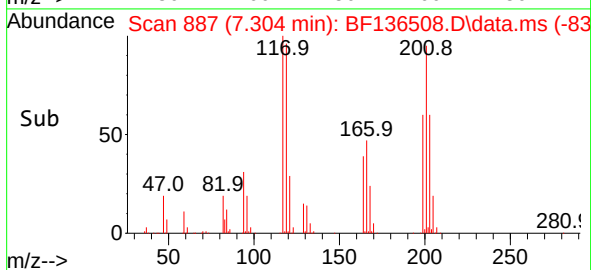
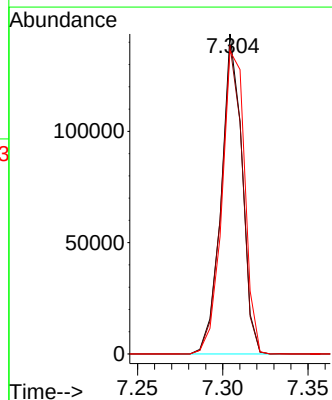
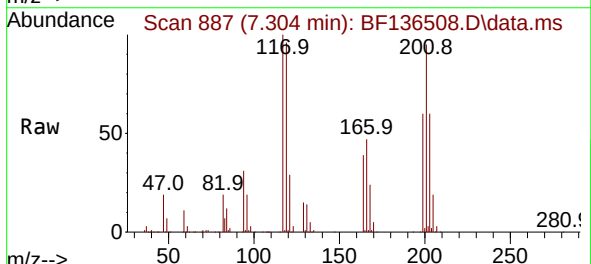
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

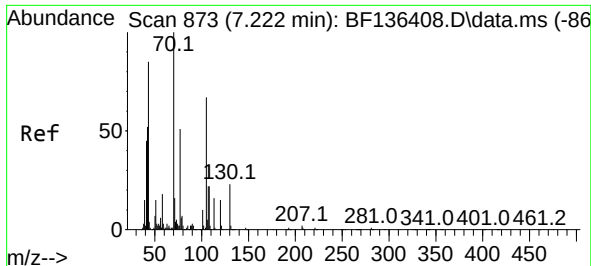
Tgt Ion:	107	Resp:	284340
Ion	Ratio	Lower	Upper
107	100		
108	110.4	86.5	129.7
77	45.9	33.8	50.8
79	45.4	34.4	51.6



#18
Hexachloroethane
Concen: 34.814 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF136508.D
Acq: 12 Dec 2023 10:52

Tgt Ion:	117	Resp:	121779
Ion	Ratio	Lower	Upper
117	100		
119	96.5	74.3	111.5
201	94.7	79.3	118.9

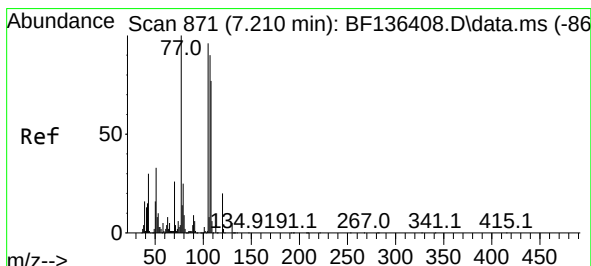
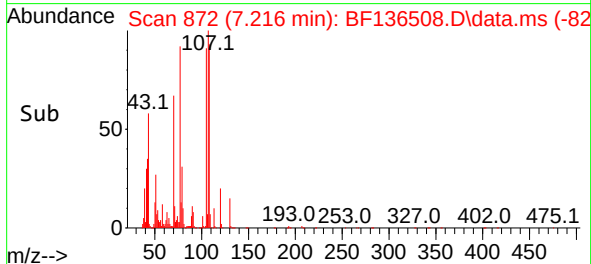
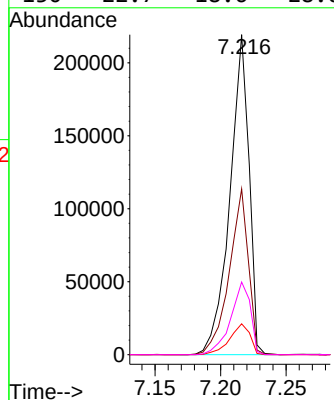
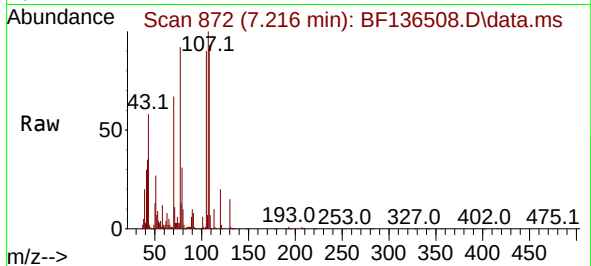




#19
n-Nitroso-di-n-propylamine
Concen: 38.393 ng
RT: 7.216 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136508.D
Acq: 12 Dec 2023 10:52

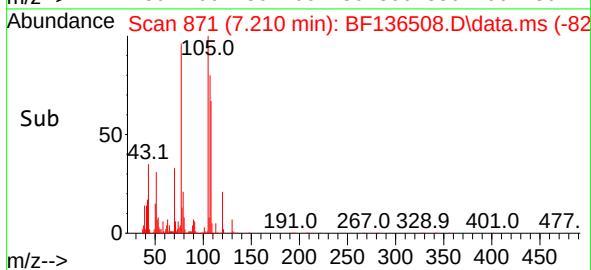
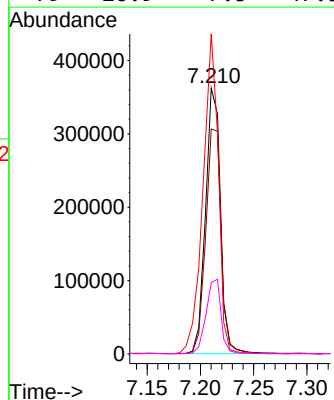
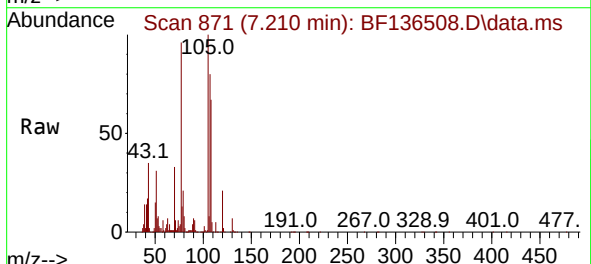
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

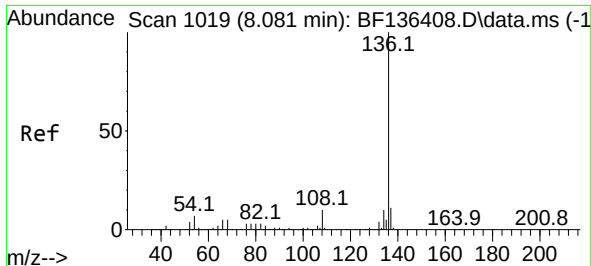
Tgt Ion: 70 Resp: 222286
Ion Ratio Lower Upper
70 100
42 51.8 41.4 62.0
101 9.6 8.2 12.4
130 22.7 18.6 28.0



#20
3+4-Methylphenols
Concen: 40.246 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF136508.D
Acq: 12 Dec 2023 10:52

Tgt Ion: 107 Resp: 354443
Ion Ratio Lower Upper
107 100
108 84.6 65.9 105.9
77 120.3 91.7 131.7
79 26.9 7.5 47.5

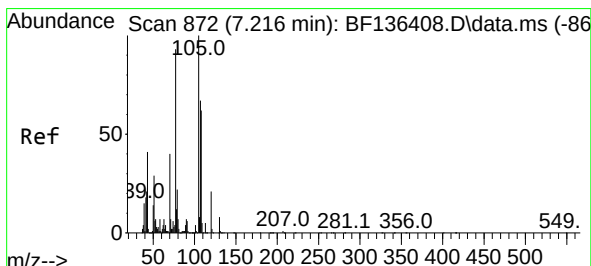
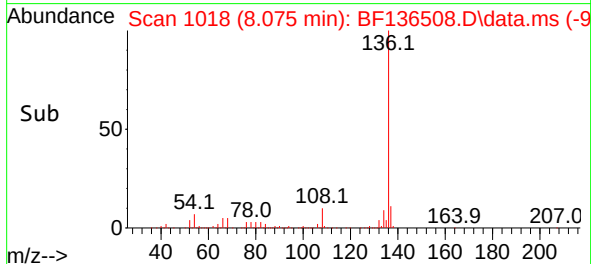
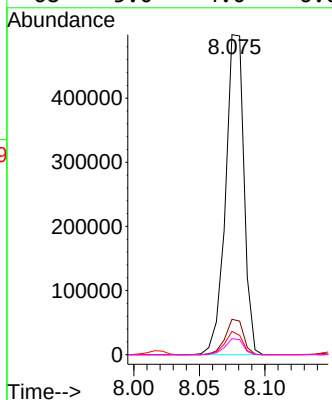
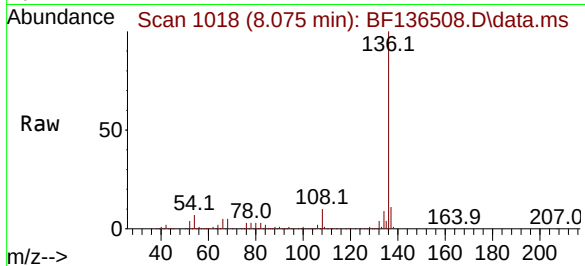




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136508.D
Acq: 12 Dec 2023 10:52

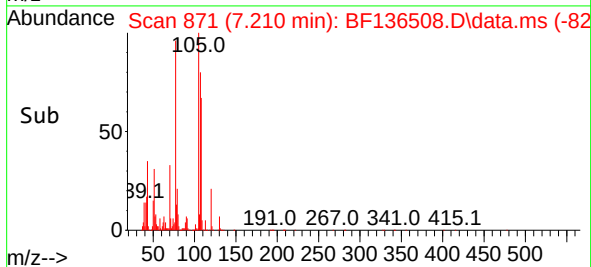
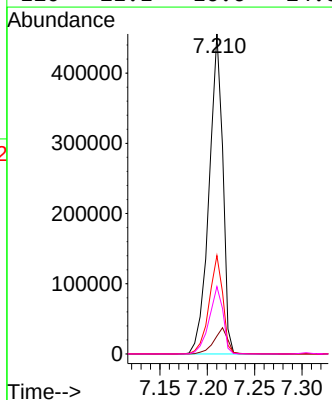
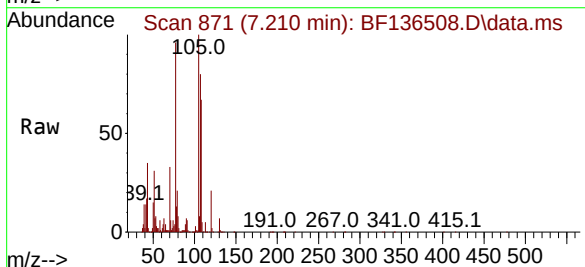
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

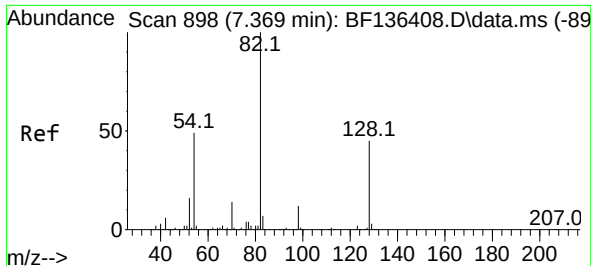
Tgt Ion:136 Resp: 487987
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 7.2 5.7 8.5
68 5.0 4.0 6.0



#22
Acetophenone
Concen: 38.090 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.006 min
Lab File: BF136508.D
Acq: 12 Dec 2023 10:52

Tgt Ion:105 Resp: 458994
Ion Ratio Lower Upper
105 100
71 5.6 5.4 8.0
51 30.7 23.4 35.2
120 21.1 16.6 24.8





#23

Nitrobenzene-d5

Concen: 77.063 ng

RT: 7.363 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF136508.D

Acq: 12 Dec 2023 10:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

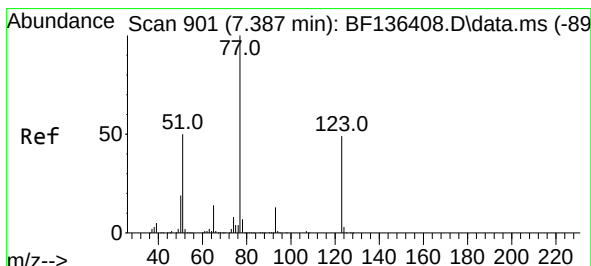
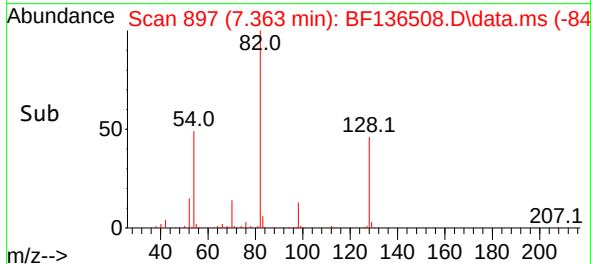
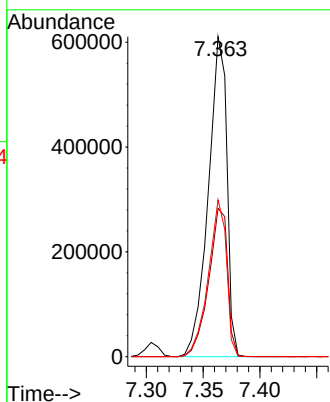
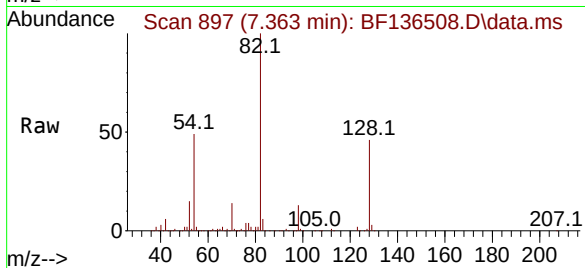
Tgt Ion: 82 Resp: 695628

Ion Ratio Lower Upper

82 100

128 46.4 36.3 54.5

54 49.0 39.0 58.6



#24

Nitrobenzene

Concen: 36.806 ng

RT: 7.381 min Scan# 900

Delta R.T. -0.006 min

Lab File: BF136508.D

Acq: 12 Dec 2023 10:52

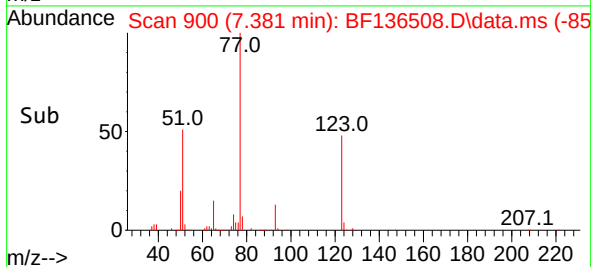
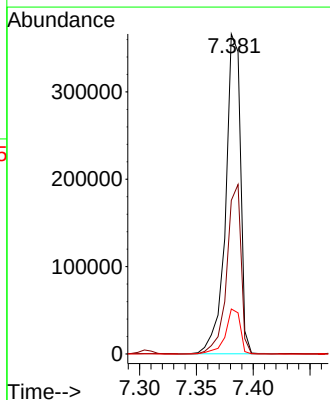
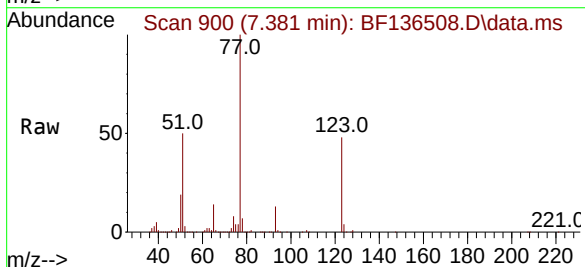
Tgt Ion: 77 Resp: 334226

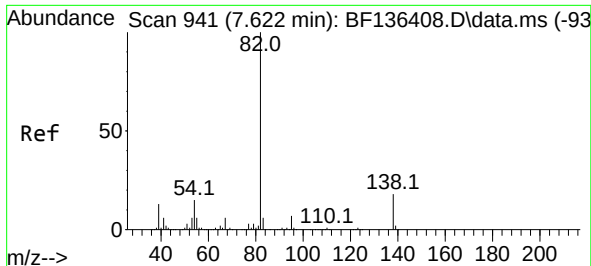
Ion Ratio Lower Upper

77 100

123 48.0 39.0 58.6

65 14.1 11.3 16.9

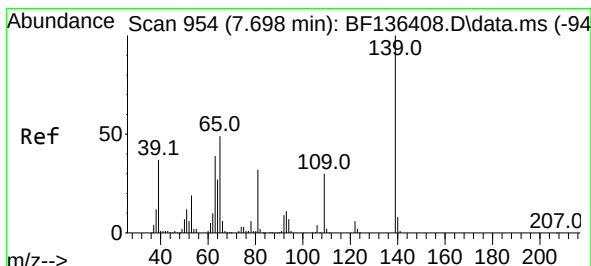
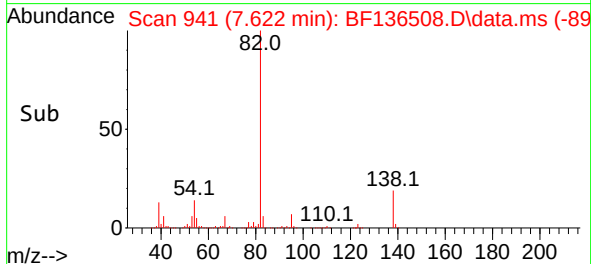
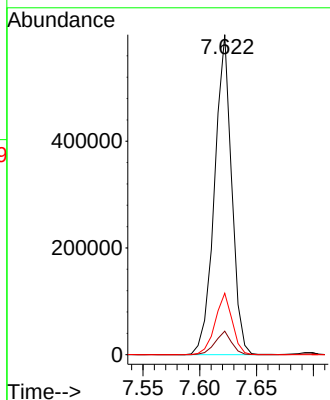
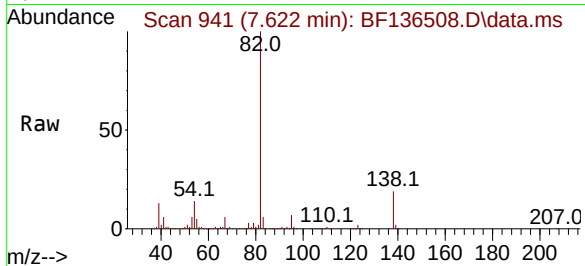




#25
Isophorone
Concen: 38.867 ng
RT: 7.622 min Scan# 941
Delta R.T. 0.000 min
Lab File: BF136508.D
Acq: 12 Dec 2023 10:52

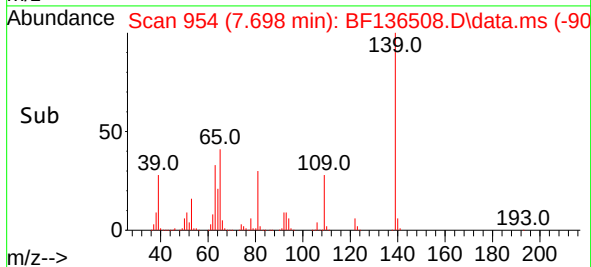
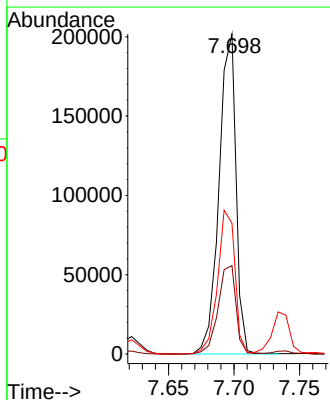
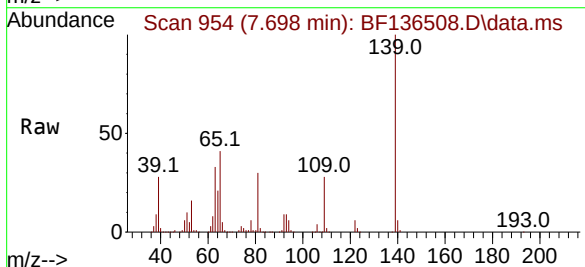
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

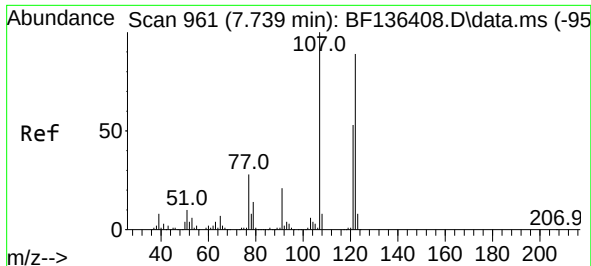
Tgt Ion: 82 Resp: 630322
Ion Ratio Lower Upper
82 100
95 7.3 5.7 8.5
138 19.2 14.5 21.7



#26
2-Nitrophenol
Concen: 40.592 ng
RT: 7.698 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF136508.D
Acq: 12 Dec 2023 10:52

Tgt Ion: 139 Resp: 181211
Ion Ratio Lower Upper
139 100
109 27.6 23.6 35.4
65 40.9 39.4 59.2

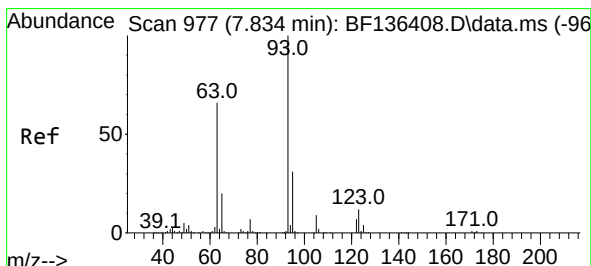
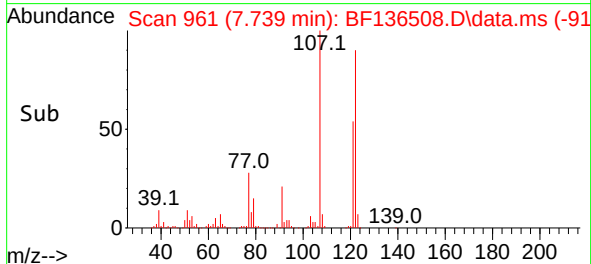
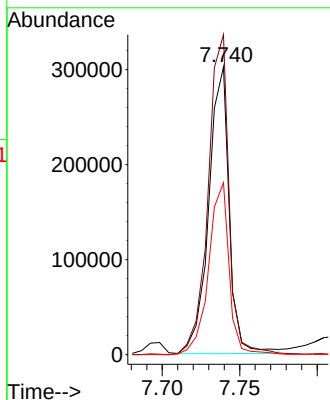
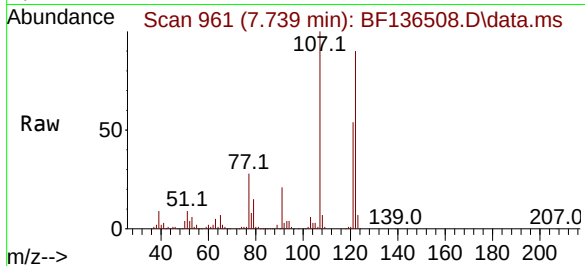




#27
2,4-Dimethylphenol
Concen: 50.294 ng
RT: 7.739 min Scan# 961
Delta R.T. 0.000 min
Lab File: BF136508.D
Acq: 12 Dec 2023 10:52

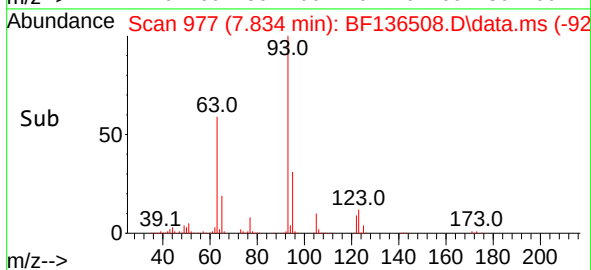
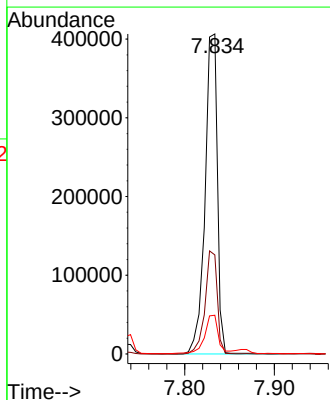
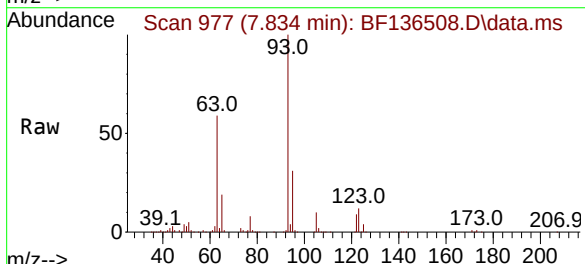
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

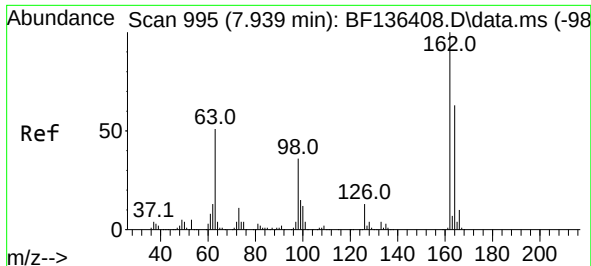
Tgt Ion:122 Resp: 276853
Ion Ratio Lower Upper
122 100
107 111.2 89.3 133.9
121 59.8 47.6 71.4



#28
bis(2-Chloroethoxy)methane
Concen: 39.128 ng
RT: 7.834 min Scan# 977
Delta R.T. 0.000 min
Lab File: BF136508.D
Acq: 12 Dec 2023 10:52

Tgt Ion: 93 Resp: 389920
Ion Ratio Lower Upper
93 100
95 30.9 25.0 37.4
123 12.1 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 39.069 ng

RT: 7.939 min Scan# 995

Delta R.T. 0.000 min

Lab File: BF136508.D

Acq: 12 Dec 2023 10:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

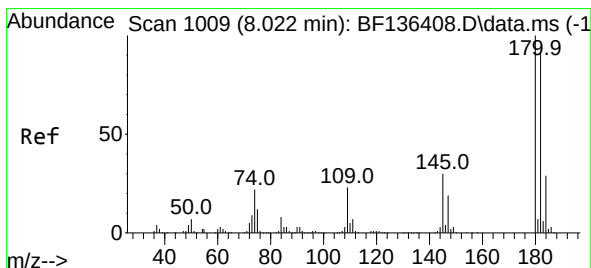
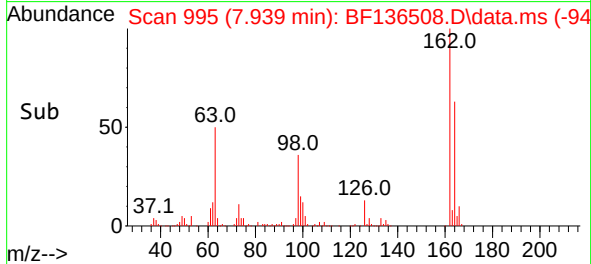
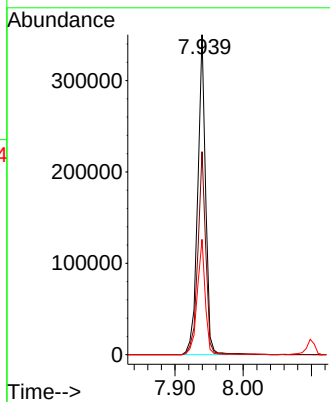
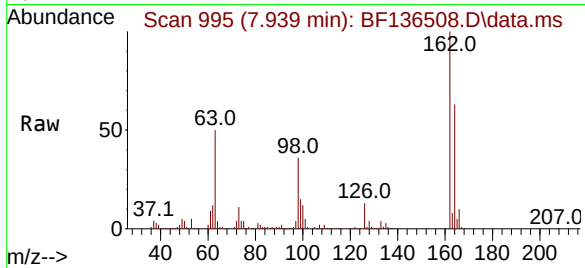
Tgt Ion:162 Resp: 283869

Ion Ratio Lower Upper

162 100

164 63.5 43.0 83.0

98 36.0 16.2 56.2



#30

1,2,4-Trichlorobenzene

Concen: 36.577 ng

RT: 8.016 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF136508.D

Acq: 12 Dec 2023 10:52

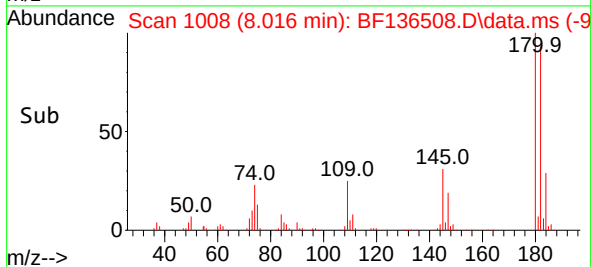
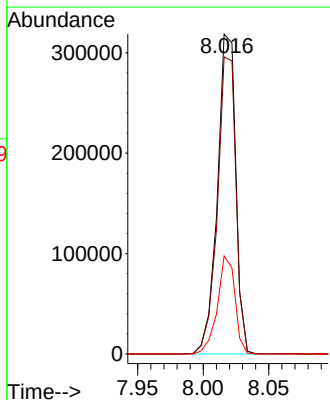
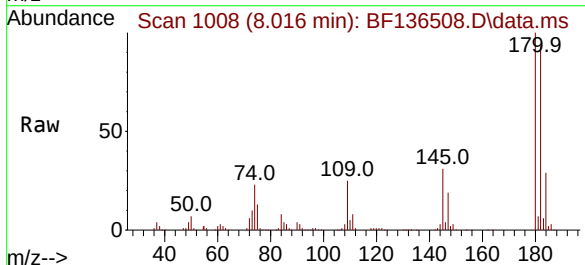
Tgt Ion:180 Resp: 309893

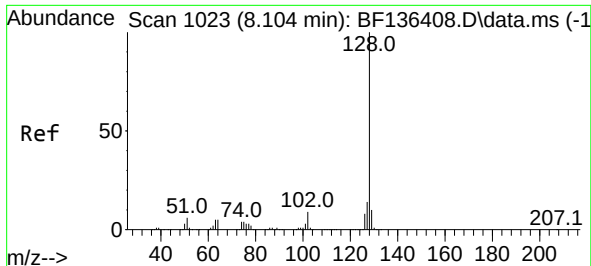
Ion Ratio Lower Upper

180 100

182 92.9 73.1 109.7

145 30.7 23.8 35.8

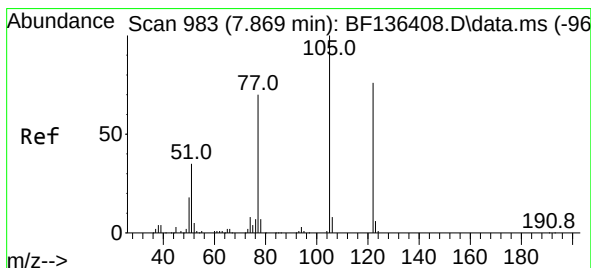
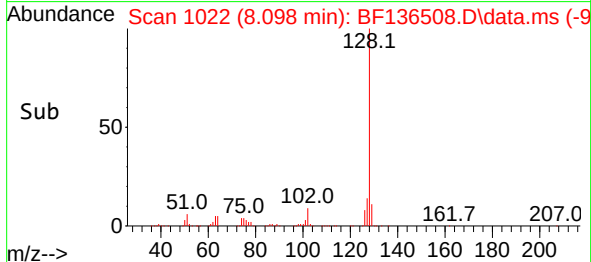
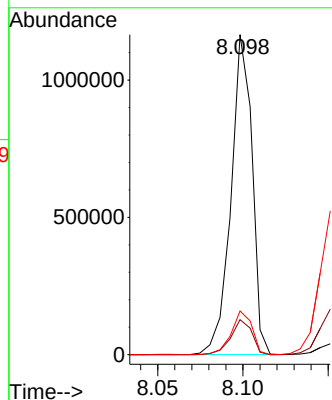
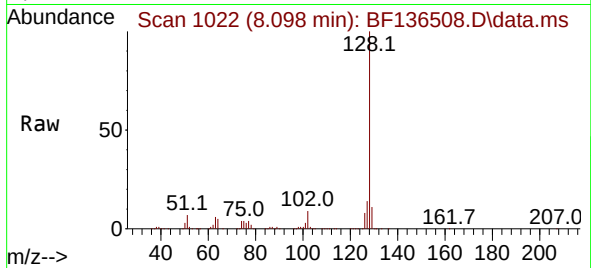




#31
Naphthalene
Concen: 37.141 ng
RT: 8.098 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF136508.D
Acq: 12 Dec 2023 10:52

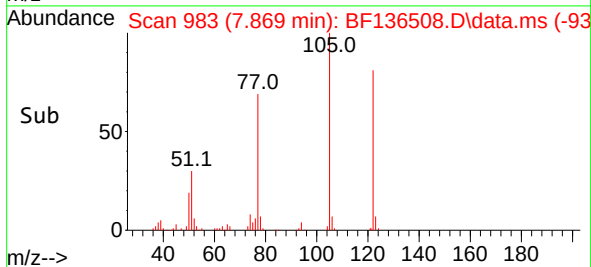
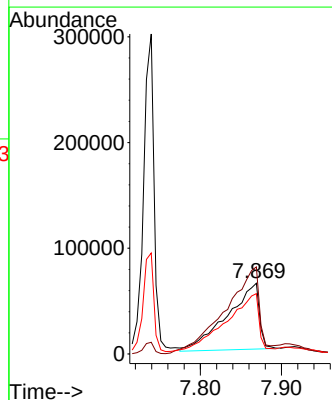
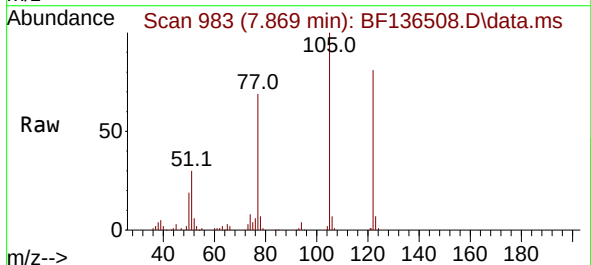
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

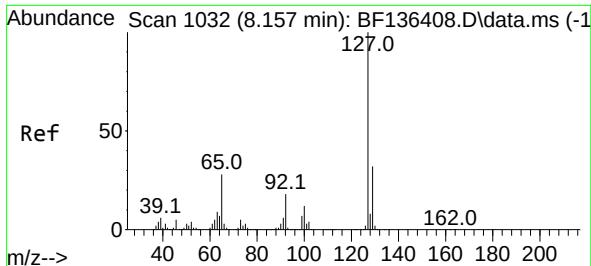
Tgt Ion:128 Resp: 999471
Ion Ratio Lower Upper
128 100
129 11.0 8.3 12.5
127 13.6 11.1 16.7



#32
Benzoic acid
Concen: 31.456 ng
RT: 7.869 min Scan# 983
Delta R.T. 0.000 min
Lab File: BF136508.D
Acq: 12 Dec 2023 10:52

Tgt Ion:122 Resp: 171771
Ion Ratio Lower Upper
122 100
105 123.2 104.7 144.7
77 85.2 68.5 108.5

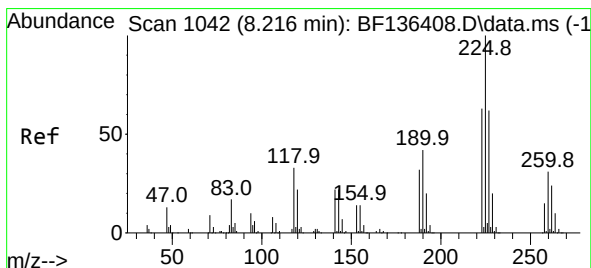
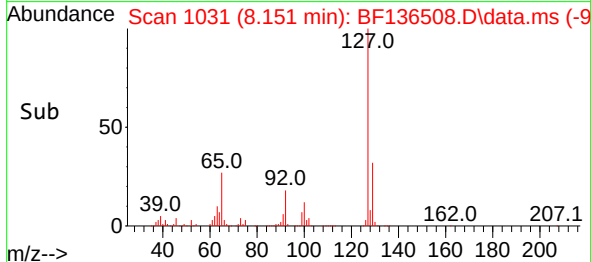
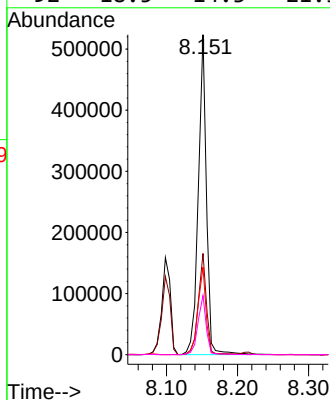
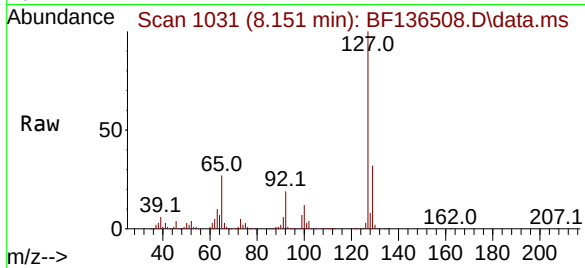




#33
4-Chloroaniline
Concen: 43.837 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF136508.D
Acq: 12 Dec 2023 10:52

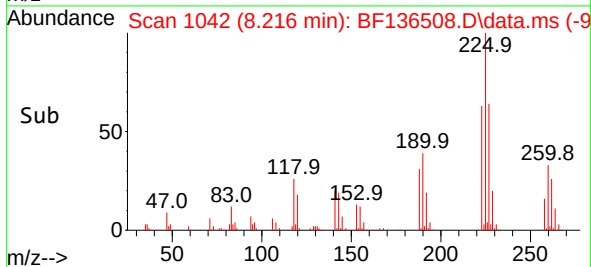
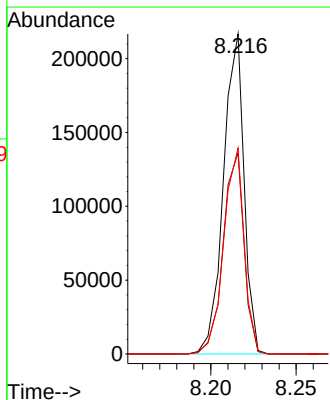
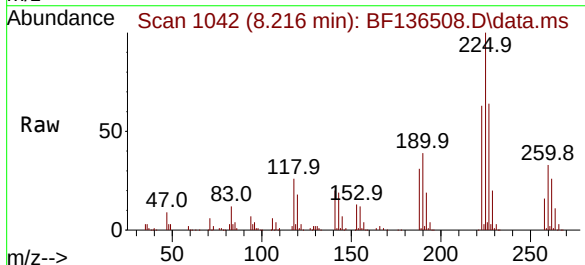
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

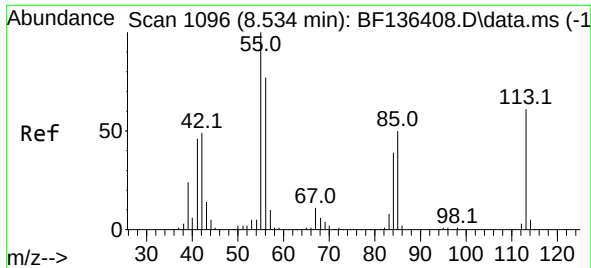
Tgt	Ion:127	Resp:	420567
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.4	38.2
65	27.4	22.5	33.7
92	18.5	14.3	21.5



#34
Hexachlorobutadiene
Concen: 36.342 ng
RT: 8.216 min Scan# 1042
Delta R.T. 0.000 min
Lab File: BF136508.D
Acq: 12 Dec 2023 10:52

Tgt	Ion:225	Resp:	182476
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.8	76.2
227	64.4	49.8	74.8

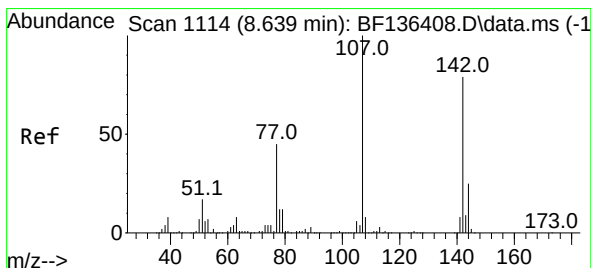
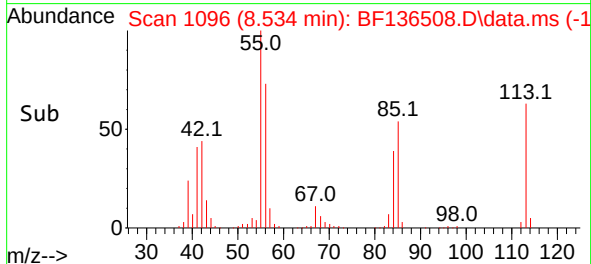
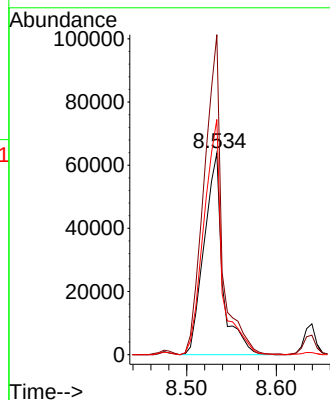
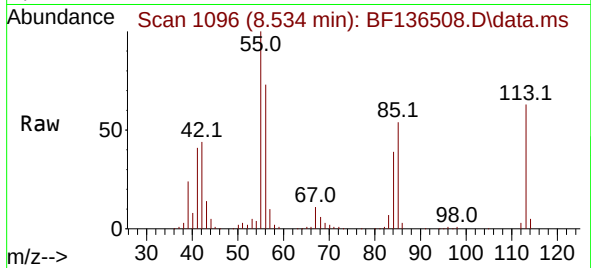




#35
 Caprolactam
 Concen: 41.093 ng
 RT: 8.534 min Scan# 1096
 Delta R.T. 0.000 min
 Lab File: BF136508.D
 Acq: 12 Dec 2023 10:52

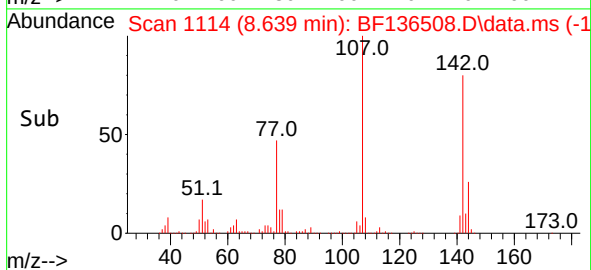
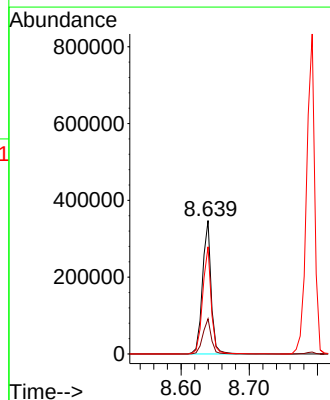
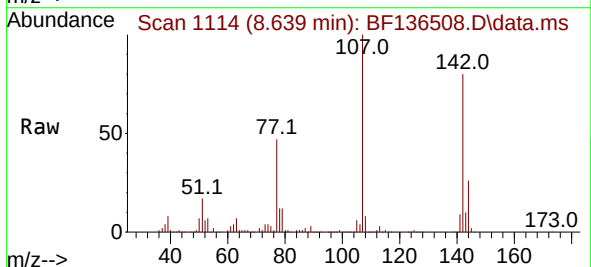
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

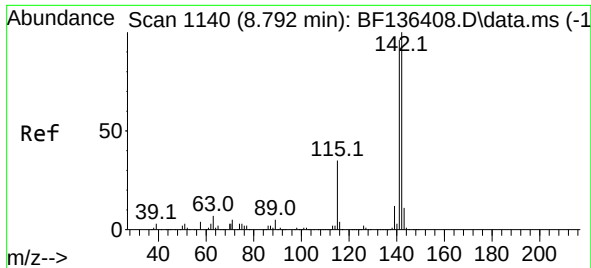
Tgt Ion:113 Resp: 91946
 Ion Ratio Lower Upper
 113 100
 55 158.7 143.7 183.7
 56 116.6 105.2 145.2



#36
 4-Chloro-3-methylphenol
 Concen: 39.675 ng
 RT: 8.639 min Scan# 1114
 Delta R.T. 0.000 min
 Lab File: BF136508.D
 Acq: 12 Dec 2023 10:52

Tgt Ion:107 Resp: 306083
 Ion Ratio Lower Upper
 107 100
 144 26.4 20.1 30.1
 142 80.3 63.1 94.7





#37

2-Methylnaphthalene

Concen: 40.091 ng

RT: 8.792 min Scan# 1140

Delta R.T. 0.000 min

Lab File: BF136508.D

Acq: 12 Dec 2023 10:52

Instrument :

BNA_F

ClientSampleId :

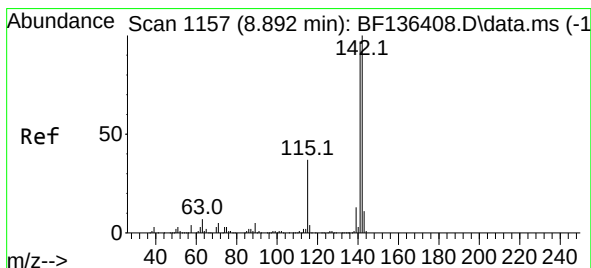
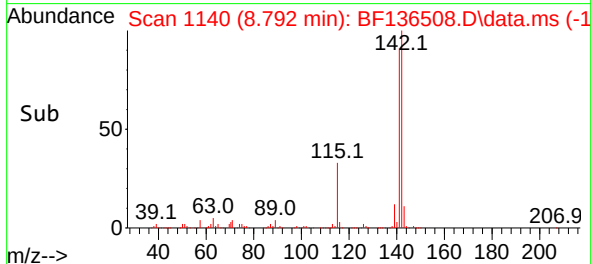
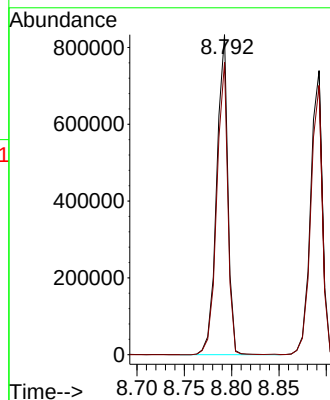
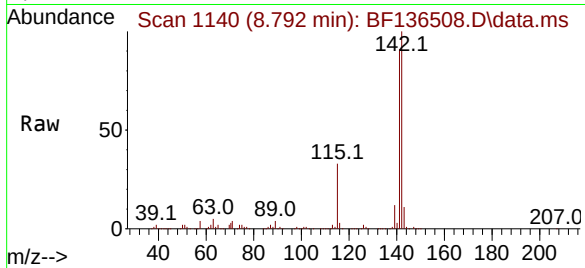
SSTDCCC040

Tgt Ion:142 Resp: 686358

Ion Ratio Lower Upper

142 100

141 91.3 76.4 114.6



#38

1-Methylnaphthalene

Concen: 38.038 ng

RT: 8.892 min Scan# 1157

Delta R.T. 0.000 min

Lab File: BF136508.D

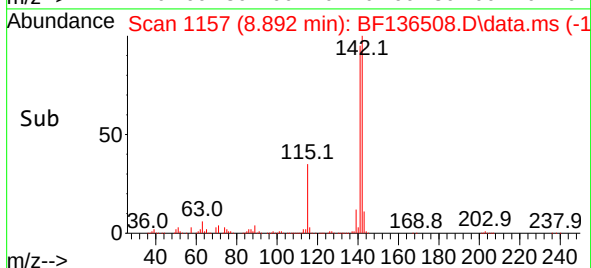
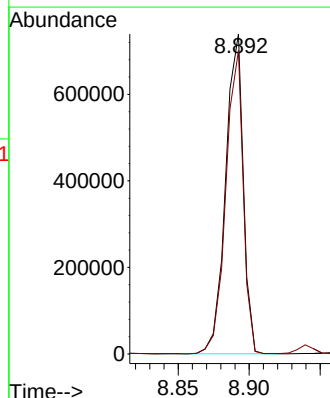
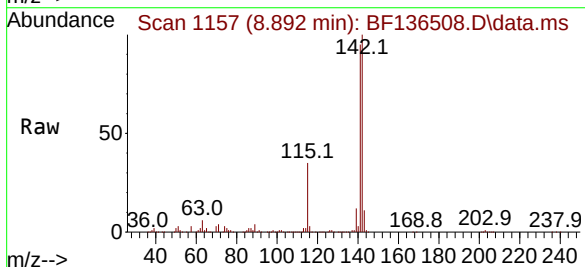
Acq: 12 Dec 2023 10:52

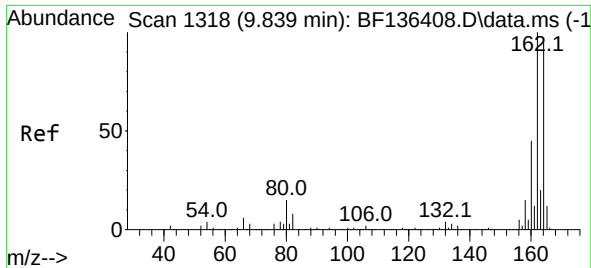
Tgt Ion:142 Resp: 639020

Ion Ratio Lower Upper

142 100

141 94.8 77.7 116.5

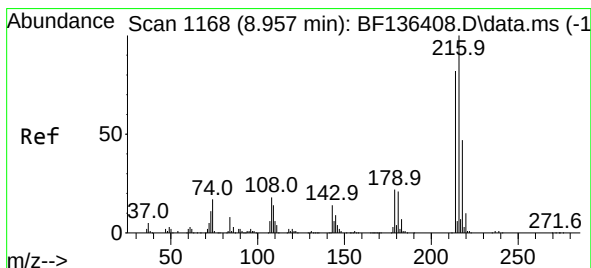
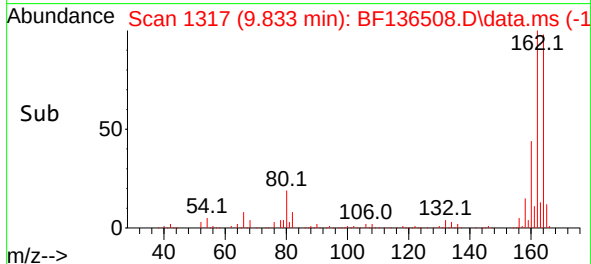
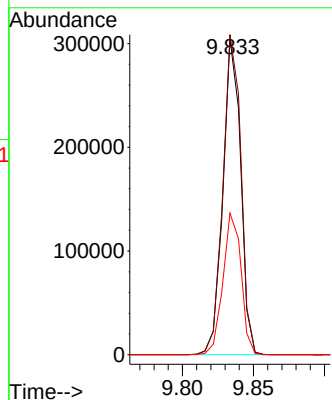
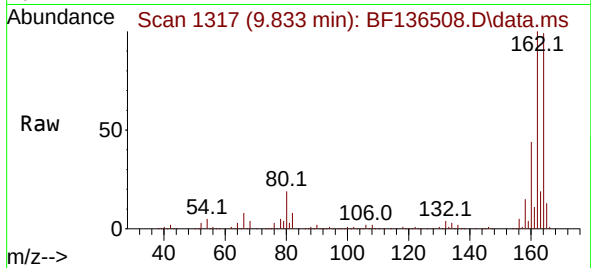




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF136508.D
Acq: 12 Dec 2023 10:52

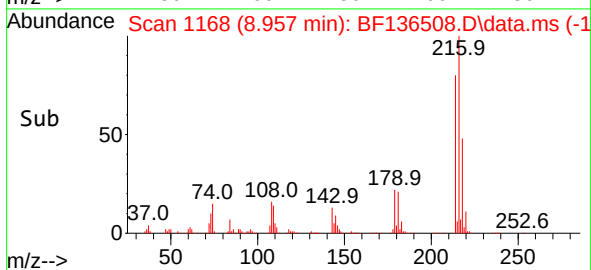
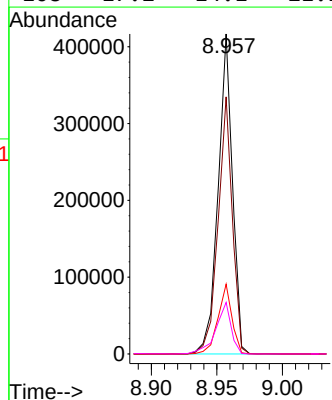
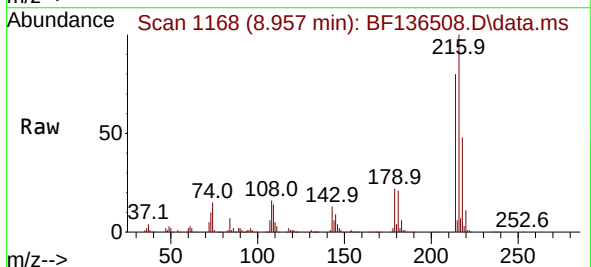
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

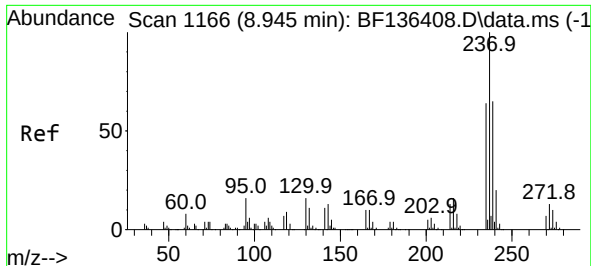
Tgt Ion:164 Resp: 262692
Ion Ratio Lower Upper
164 100
162 101.2 84.4 126.6
160 44.7 37.6 56.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.767 ng
RT: 8.957 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BF136508.D
Acq: 12 Dec 2023 10:52

Tgt Ion:216 Resp: 316832
Ion Ratio Lower Upper
216 100
214 79.8 64.1 96.1
179 21.2 17.0 25.6
108 17.2 14.1 21.1

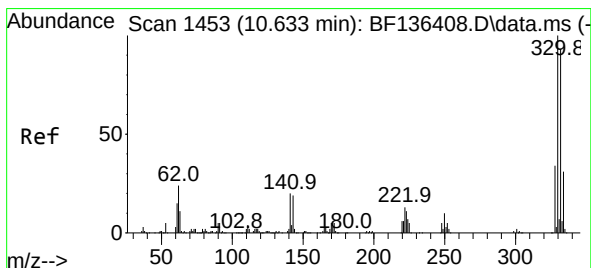
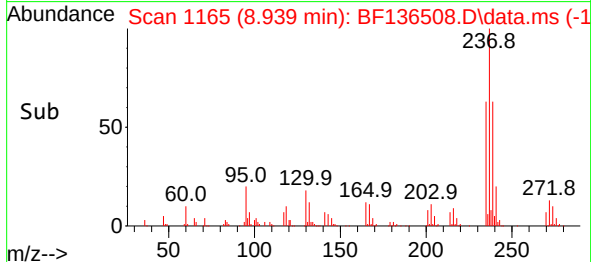
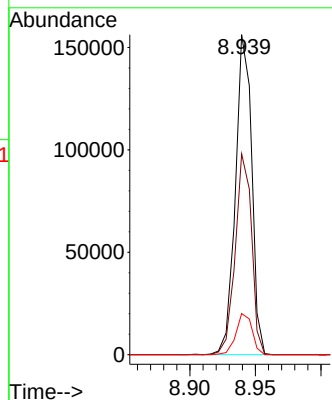
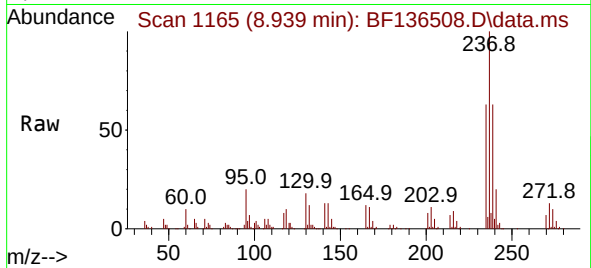




#41
Hexachlorocyclopentadiene
Concen: 44.718 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF136508.D
Acq: 12 Dec 2023 10:52

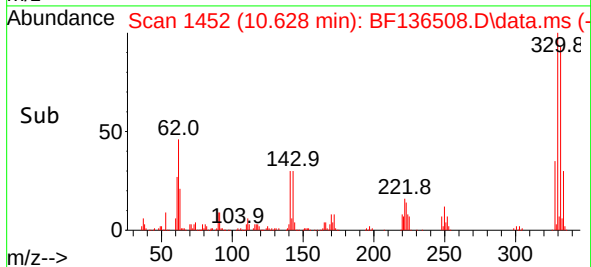
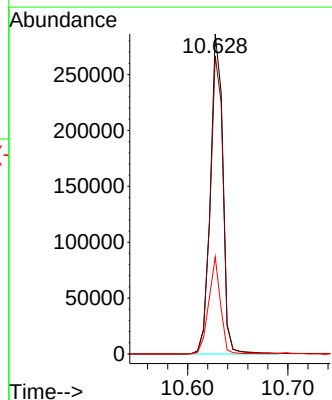
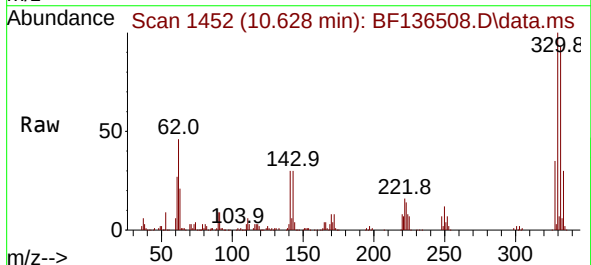
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

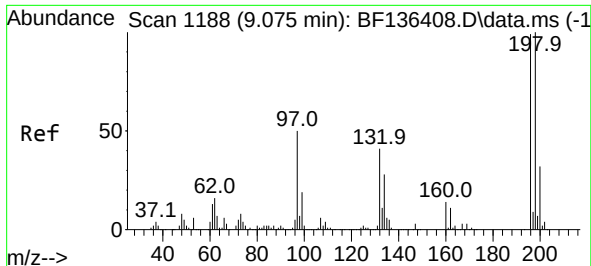
Tgt Ion:237 Resp: 135396
Ion Ratio Lower Upper
237 100
235 62.8 44.1 84.1
272 12.8 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 76.774 ng
RT: 10.628 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF136508.D
Acq: 12 Dec 2023 10:52

Tgt Ion:330 Resp: 248673
Ion Ratio Lower Upper
330 100
332 95.8 76.4 114.6
141 28.6 23.4 35.2

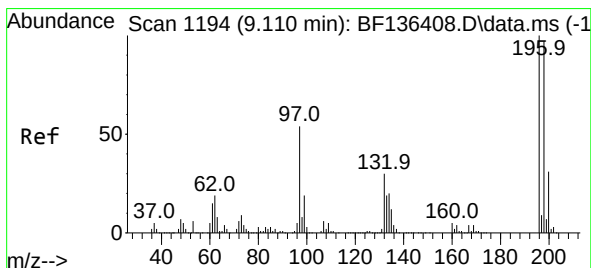
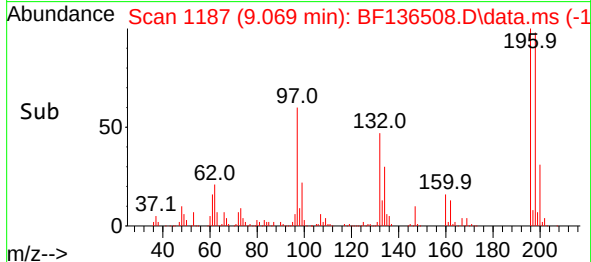
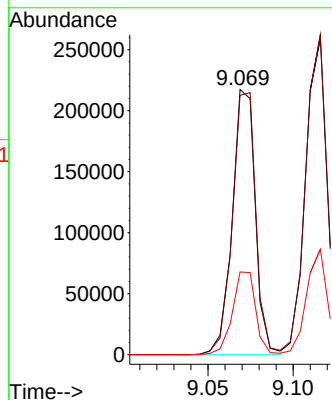
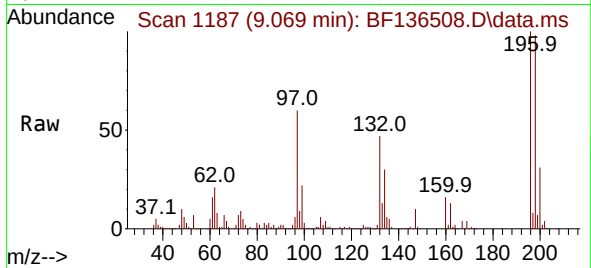




#43
2,4,6-Trichlorophenol
Concen: 38.451 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF136508.D
Acq: 12 Dec 2023 10:52

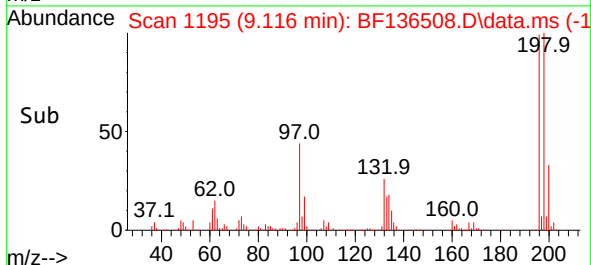
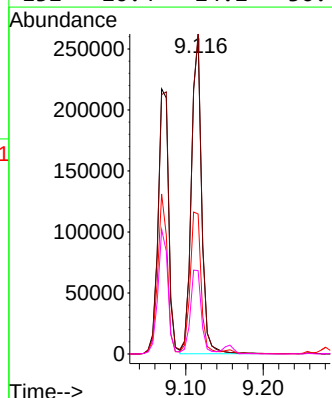
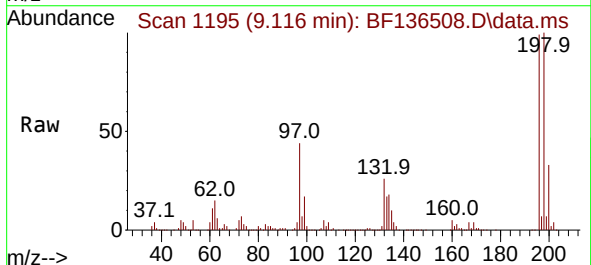
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

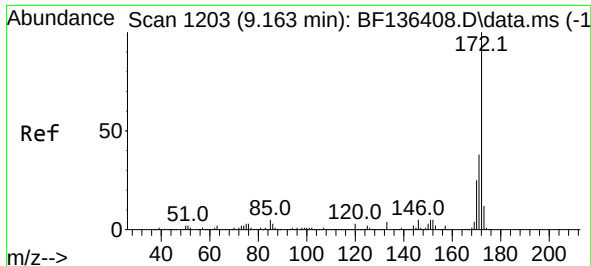
Tgt Ion:196 Resp: 204618
Ion Ratio Lower Upper
196 100
198 97.8 80.4 120.6
200 31.2 25.9 38.9



#44
2,4,5-Trichlorophenol
Concen: 40.092 ng
RT: 9.116 min Scan# 1195
Delta R.T. 0.006 min
Lab File: BF136508.D
Acq: 12 Dec 2023 10:52

Tgt Ion:196 Resp: 238119
Ion Ratio Lower Upper
196 100
198 101.1 78.1 117.1
97 44.3 43.4 65.2
132 26.4 24.2 36.4





#45

2-Fluorobiphenyl

Concen: 74.754 ng

RT: 9.157 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF136508.D

Acq: 12 Dec 2023 10:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

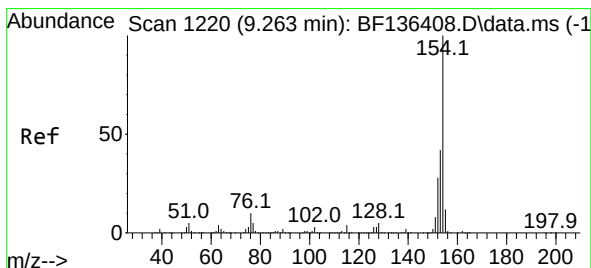
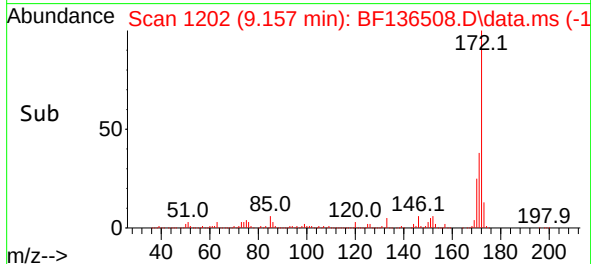
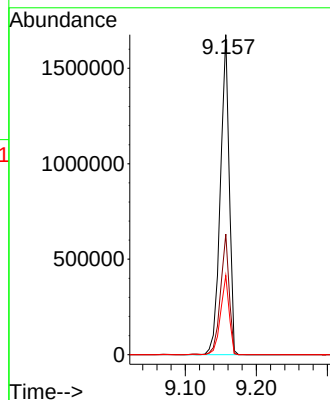
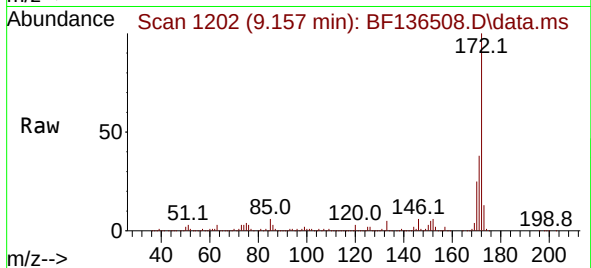
Tgt Ion:172 Resp: 1439156

Ion Ratio Lower Upper

172 100

171 37.7 30.5 45.7

170 24.7 19.9 29.9



#46

1,1'-Biphenyl

Concen: 37.654 ng

RT: 9.257 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF136508.D

Acq: 12 Dec 2023 10:52

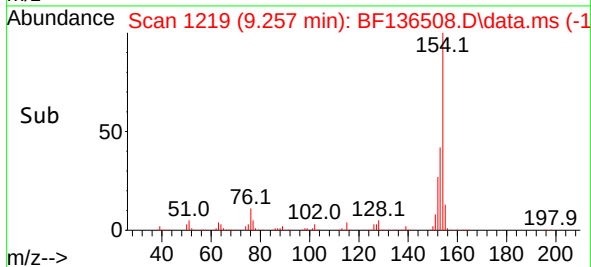
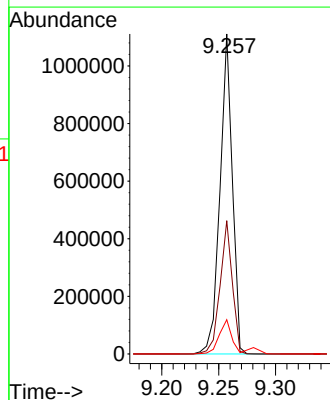
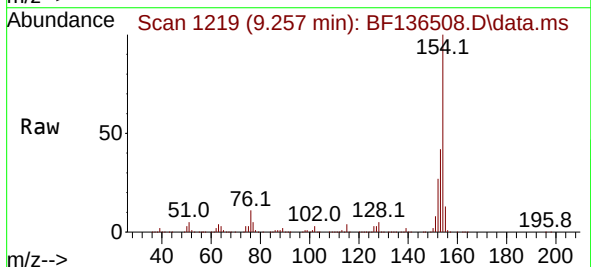
Tgt Ion:154 Resp: 841664

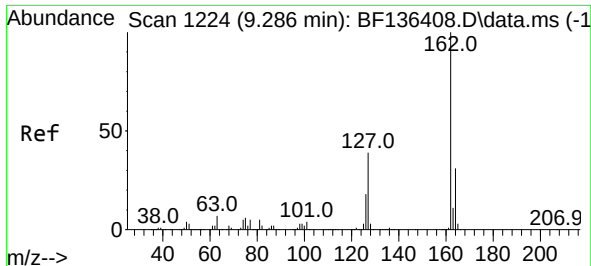
Ion Ratio Lower Upper

154 100

153 41.7 22.5 62.5

76 10.7 0.0 29.9





#47

2-Chloronaphthalene

Concen: 36.118 ng

RT: 9.281 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136508.D

Acq: 12 Dec 2023 10:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

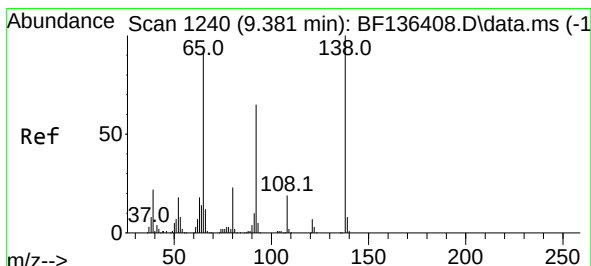
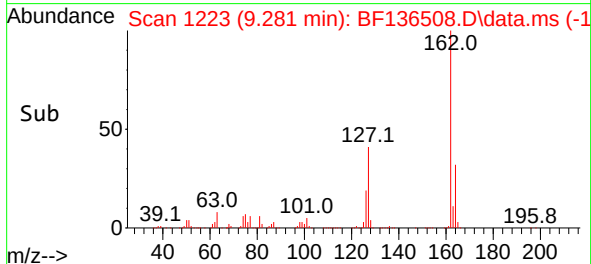
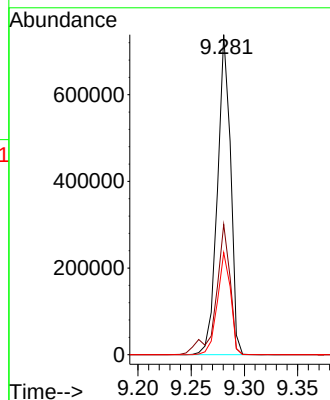
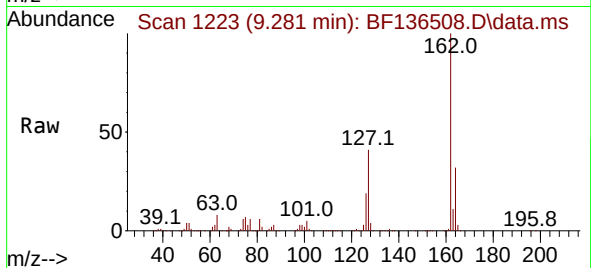
Tgt Ion:162 Resp: 628351

Ion Ratio Lower Upper

162 100

127 40.7 31.1 46.7

164 31.9 24.6 37.0



#48

2-Nitroaniline

Concen: 39.972 ng

RT: 9.381 min Scan# 1240

Delta R.T. 0.000 min

Lab File: BF136508.D

Acq: 12 Dec 2023 10:52

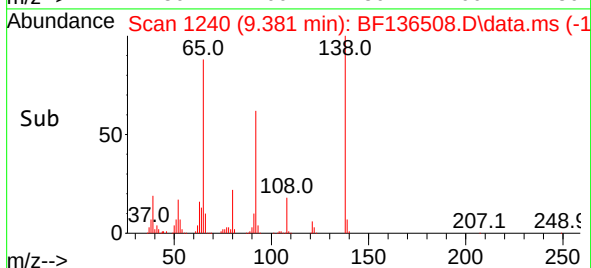
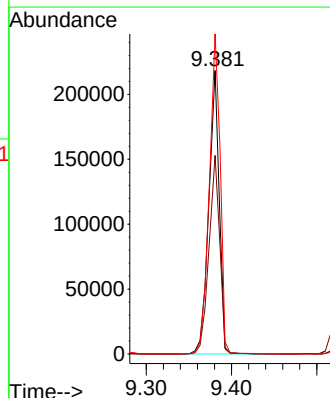
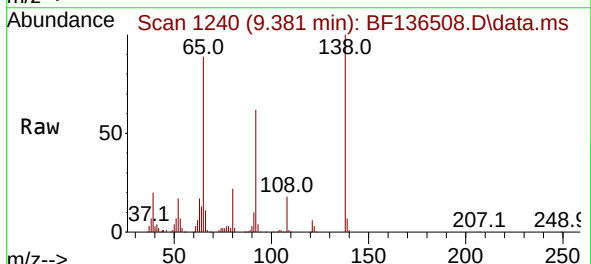
Tgt Ion: 65 Resp: 186512

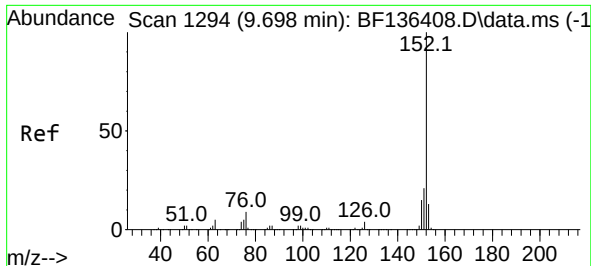
Ion Ratio Lower Upper

65 100

92 70.0 56.1 84.1

138 112.9 86.7 130.1

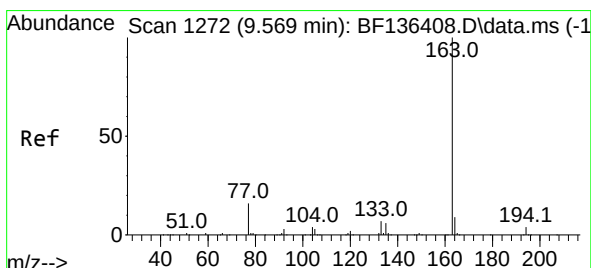
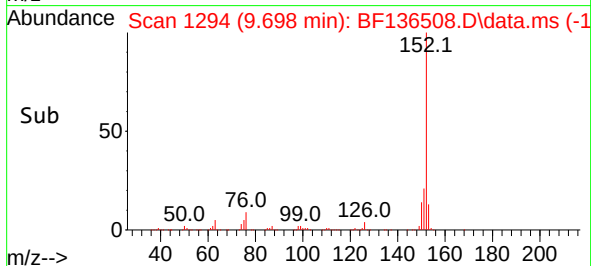
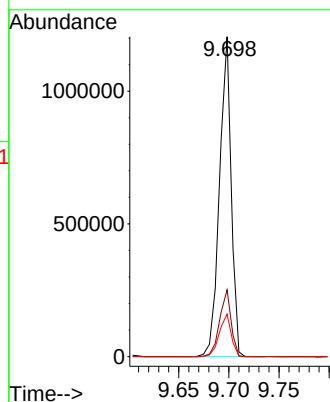
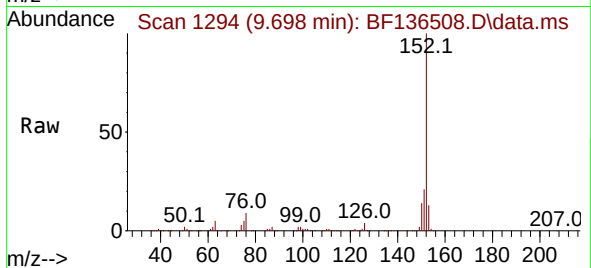




#49
Acenaphthylene
Concen: 39.409 ng
RT: 9.698 min Scan# 1294
Delta R.T. 0.000 min
Lab File: BF136508.D
Acq: 12 Dec 2023 10:52

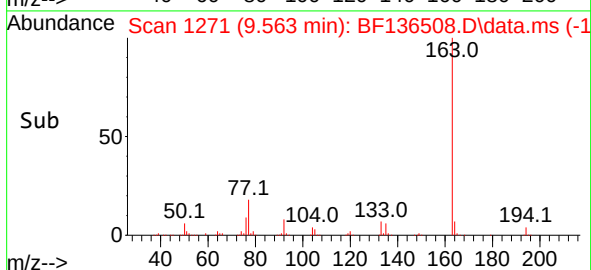
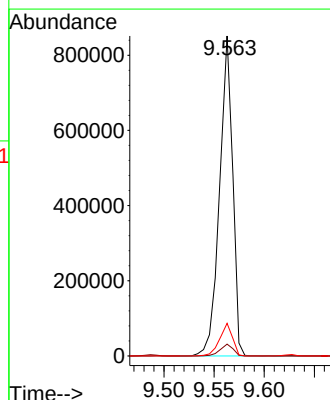
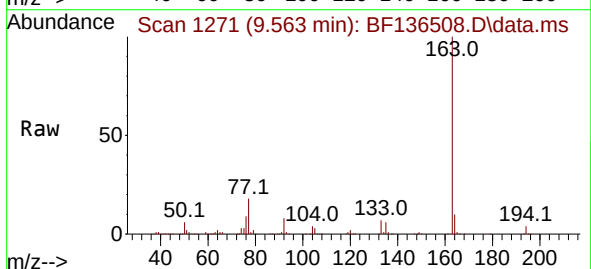
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

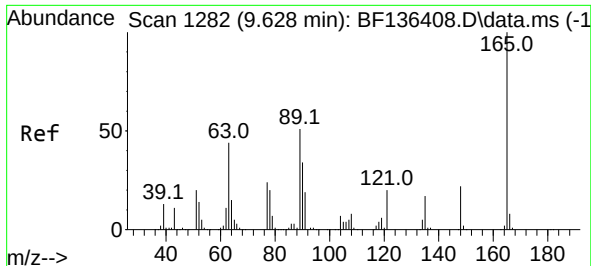
Tgt Ion:152 Resp: 976683
Ion Ratio Lower Upper
152 100
151 20.9 17.2 25.8
153 13.3 10.6 15.8



#50
Dimethylphthalate
Concen: 39.972 ng
RT: 9.563 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BF136508.D
Acq: 12 Dec 2023 10:52

Tgt Ion:163 Resp: 773068
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 10.2 7.4 11.2





#51

2,6-Dinitrotoluene

Concen: 39.056 ng

RT: 9.628 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136508.D

Acq: 12 Dec 2023 10:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

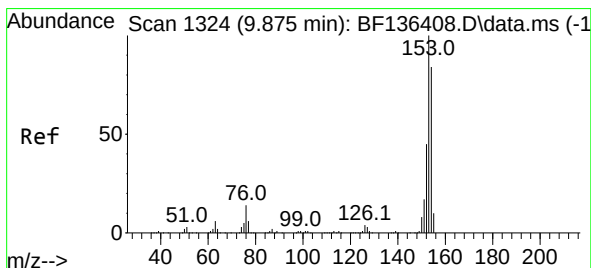
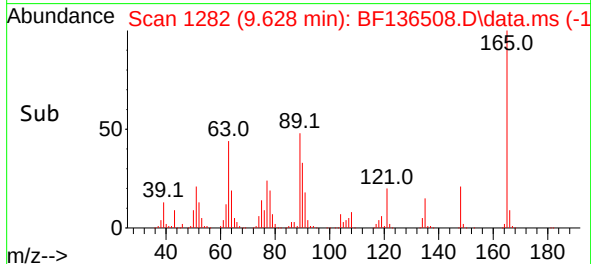
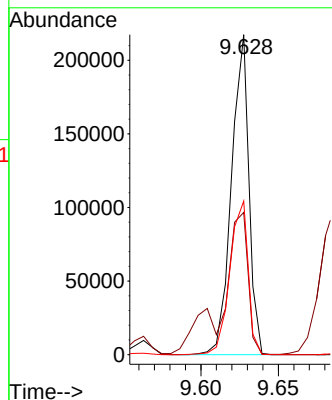
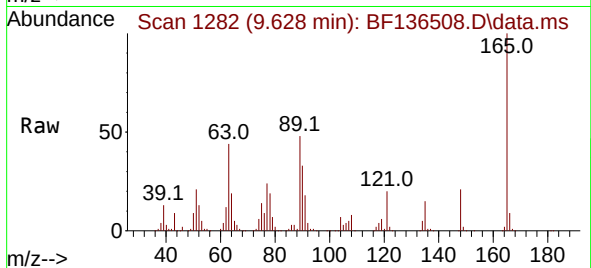
Tgt Ion:165 Resp: 169932

Ion Ratio Lower Upper

165 100

63 44.5 40.4 60.6

89 48.0 40.6 60.8



#52

Acenaphthene

Concen: 37.950 ng

RT: 9.869 min Scan# 1323

Delta R.T. -0.006 min

Lab File: BF136508.D

Acq: 12 Dec 2023 10:52

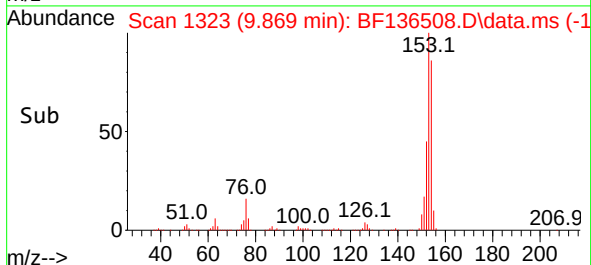
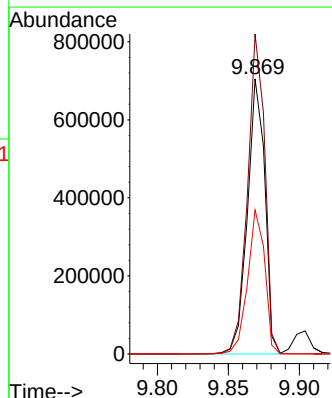
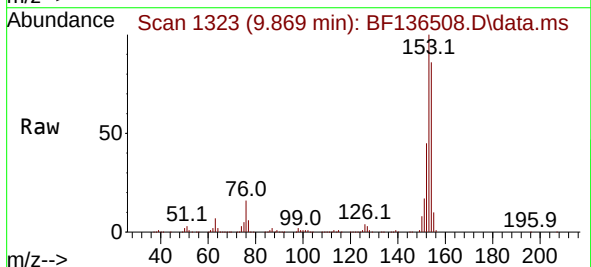
Tgt Ion:154 Resp: 602688

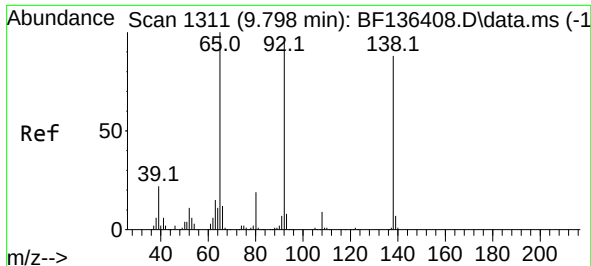
Ion Ratio Lower Upper

154 100

153 116.4 95.3 142.9

152 52.3 43.2 64.8

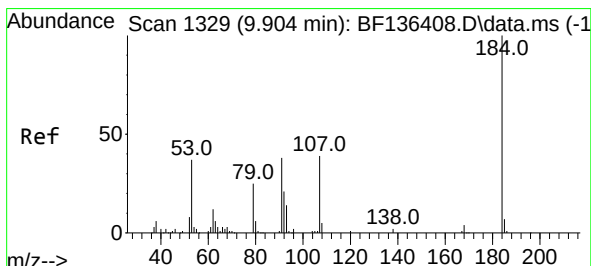
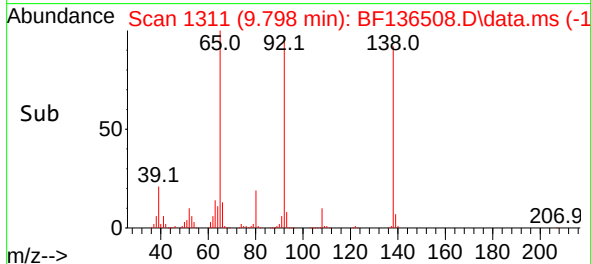
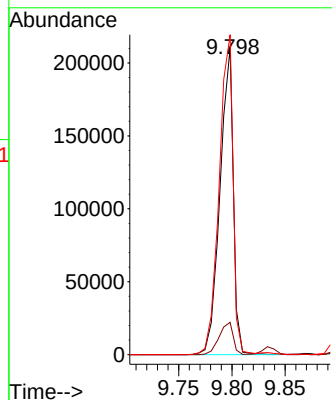
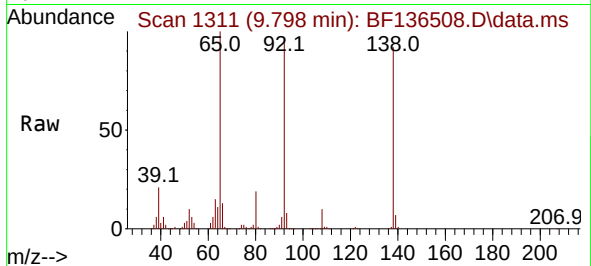




#53
3-Nitroaniline
Concen: 40.953 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BF136508.D
Acq: 12 Dec 2023 10:52

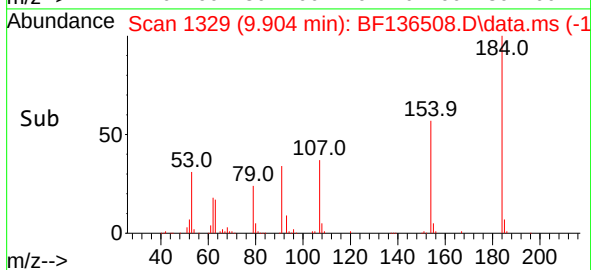
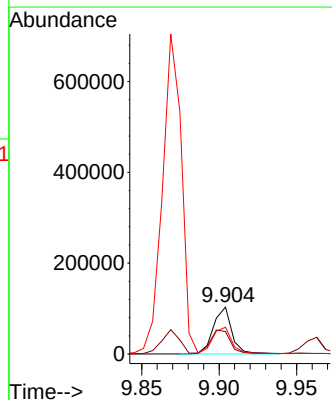
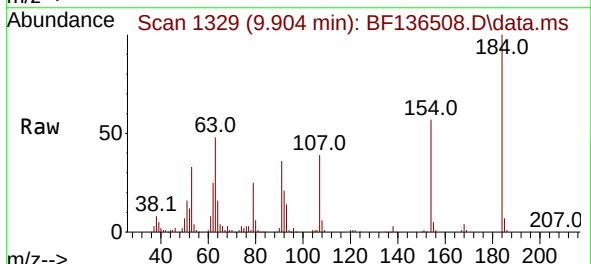
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

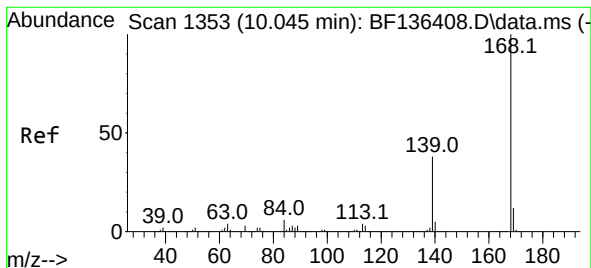
Tgt Ion:138 Resp: 181959
Ion Ratio Lower Upper
138 100
108 10.5 8.5 12.7
92 104.3 86.1 129.1



#54
2,4-Dinitrophenol
Concen: 38.950 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.000 min
Lab File: BF136508.D
Acq: 12 Dec 2023 10:52

Tgt Ion:184 Resp: 85685
Ion Ratio Lower Upper
184 100
63 47.9 39.1 58.7
154 57.2 49.9 74.9

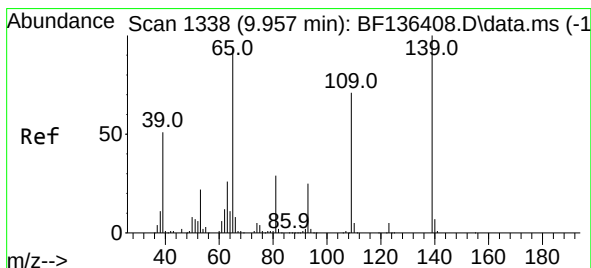
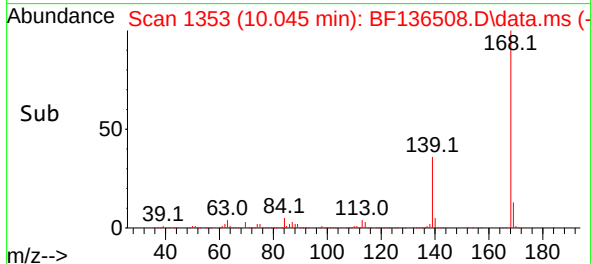
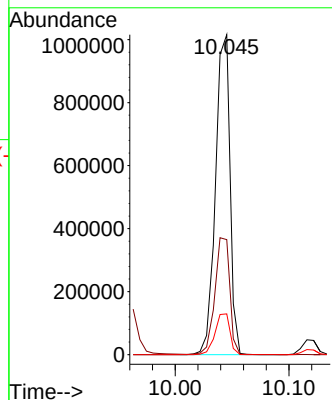
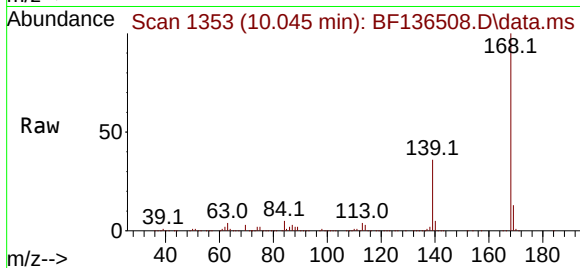




#55
Dibenzenofuran
Concen: 38.884 ng
RT: 10.045 min Scan# 1353
Delta R.T. 0.000 min
Lab File: BF136508.D
Acq: 12 Dec 2023 10:52

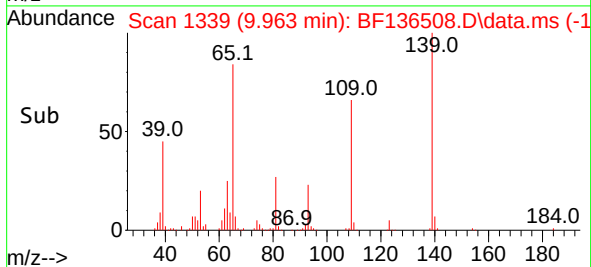
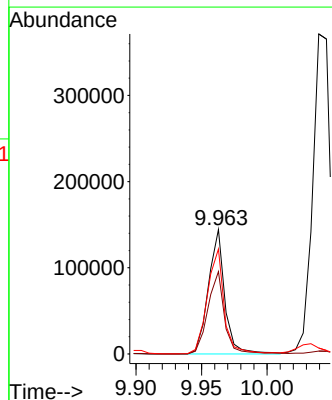
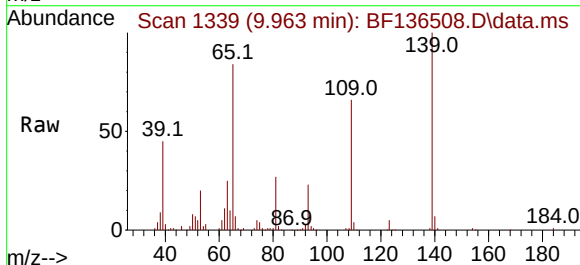
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

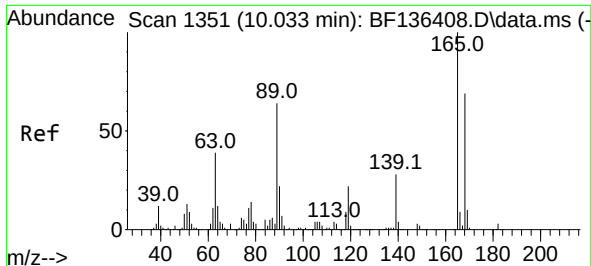
Tgt Ion:168 Resp: 902120
Ion Ratio Lower Upper
168 100
139 36.0 30.4 45.6
169 12.8 9.9 14.9



#56
4-Nitrophenol
Concen: 37.797 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF136508.D
Acq: 12 Dec 2023 10:52

Tgt Ion:139 Resp: 125893
Ion Ratio Lower Upper
139 100
109 66.1 50.6 90.6
65 84.2 73.1 113.1

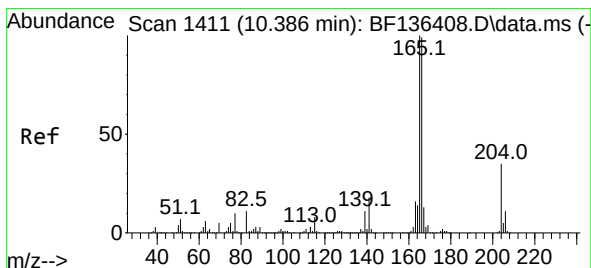
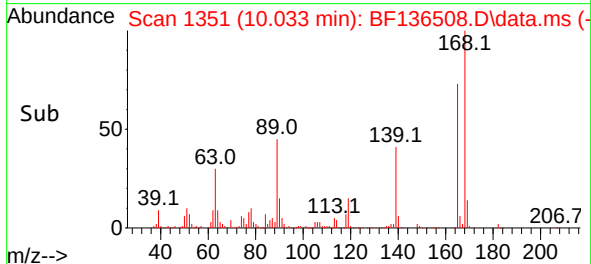
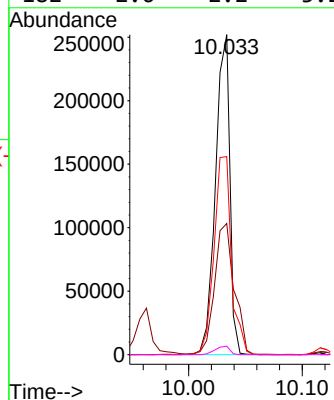
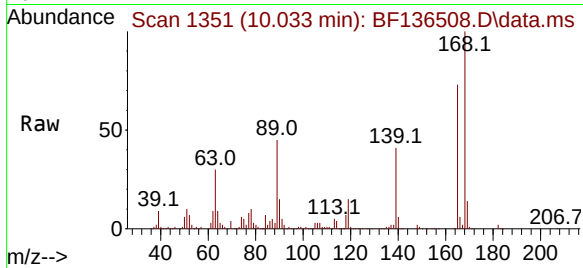




#57
2,4-Dinitrotoluene
Concen: 38.522 ng
RT: 10.033 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF136508.D
Acq: 12 Dec 2023 10:52

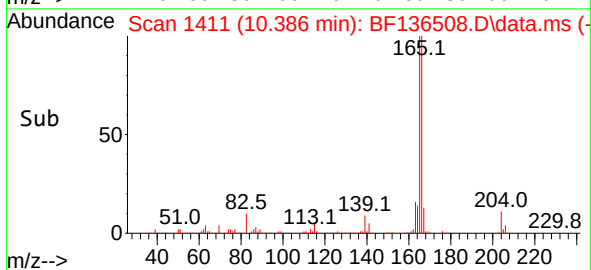
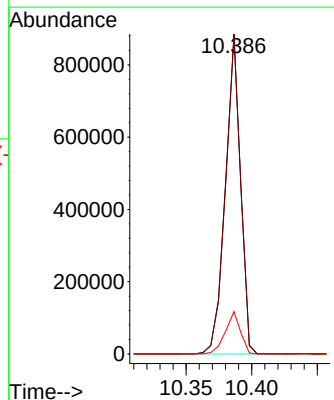
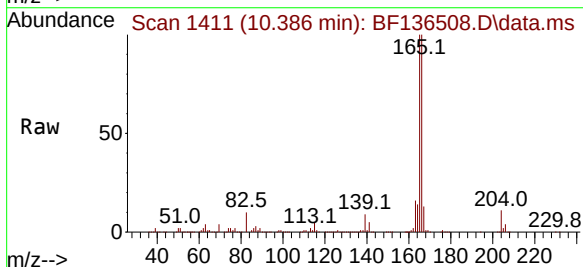
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

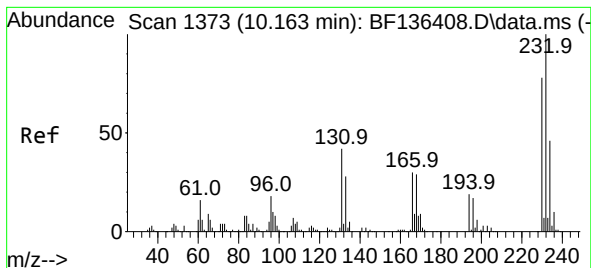
Tgt Ion:165 Resp: 221729
Ion Ratio Lower Upper
165 100
63 41.0 31.4 47.2
89 61.9 51.7 77.5
182 2.6 2.2 3.2



#58
Fluorene
Concen: 38.118 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF136508.D
Acq: 12 Dec 2023 10:52

Tgt Ion:166 Resp: 709893
Ion Ratio Lower Upper
166 100
165 100.3 80.5 120.7
167 13.3 10.5 15.7

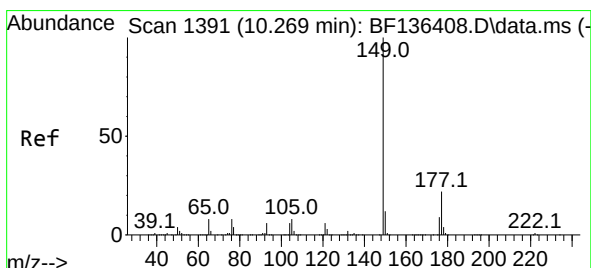
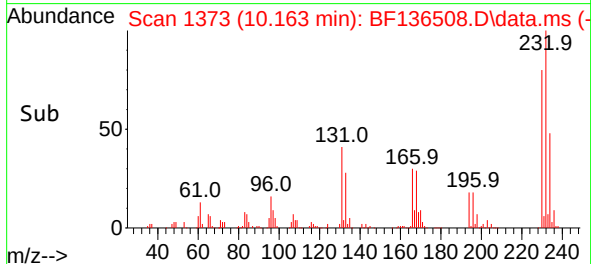
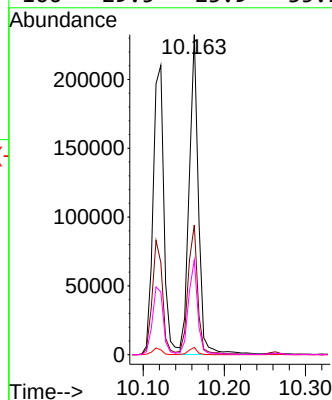
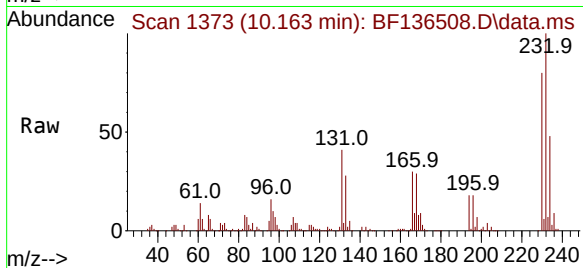




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.404 ng
RT: 10.163 min Scan# 1373
Delta R.T. 0.000 min
Lab File: BF136508.D
Acq: 12 Dec 2023 10:52

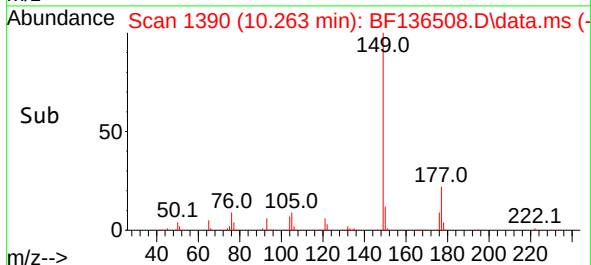
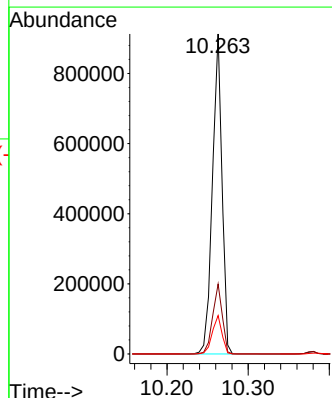
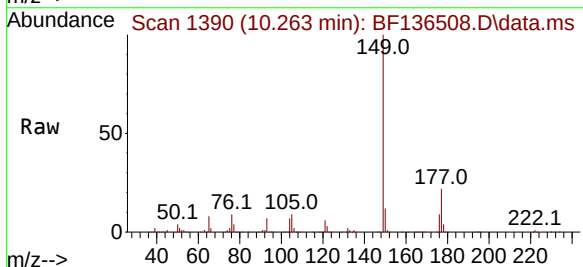
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

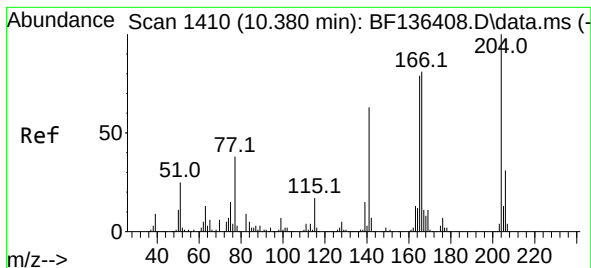
Tgt Ion:232 Resp: 182706
Ion Ratio Lower Upper
232 100
131 42.6 34.3 51.5
130 2.1 1.6 2.4
166 29.5 23.9 35.9



#60
Diethylphthalate
Concen: 39.154 ng
RT: 10.263 min Scan# 1390
Delta R.T. -0.006 min
Lab File: BF136508.D
Acq: 12 Dec 2023 10:52

Tgt Ion:149 Resp: 744622
Ion Ratio Lower Upper
149 100
177 21.8 17.8 26.8
150 12.0 9.4 14.0

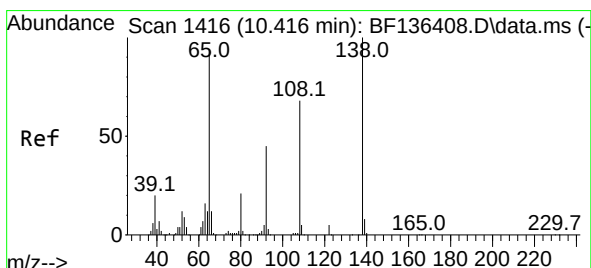
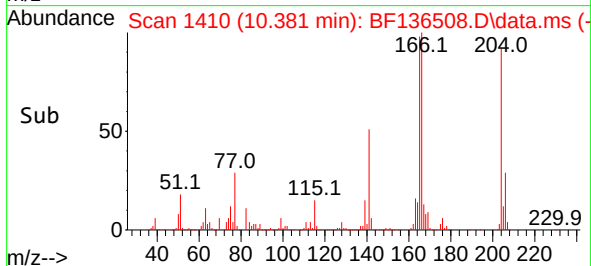
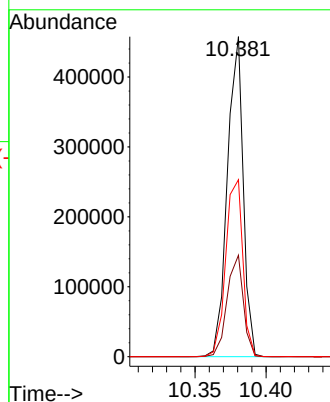
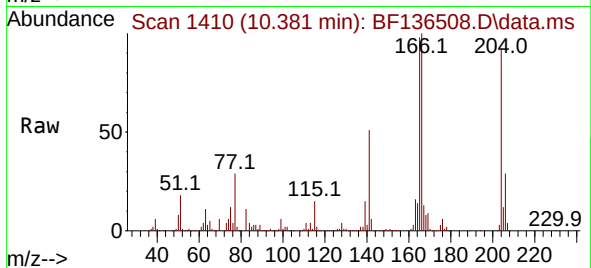




#61
4-Chlorophenyl-phenylether
Concen: 39.077 ng
RT: 10.381 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF136508.D
Acq: 12 Dec 2023 10:52

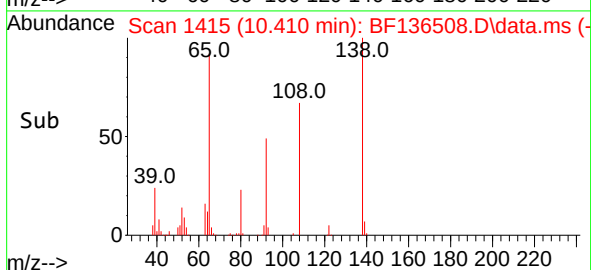
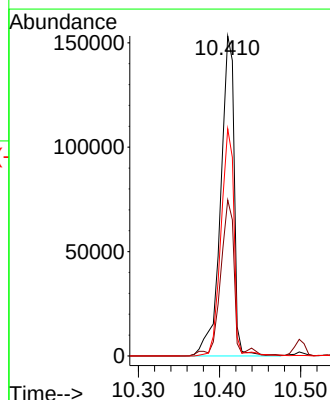
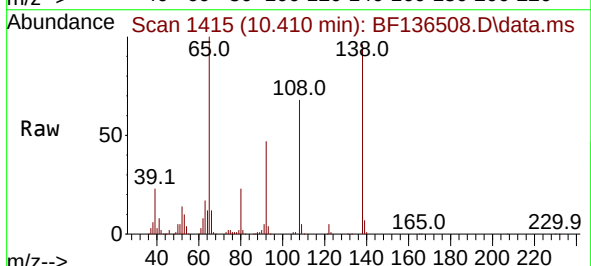
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

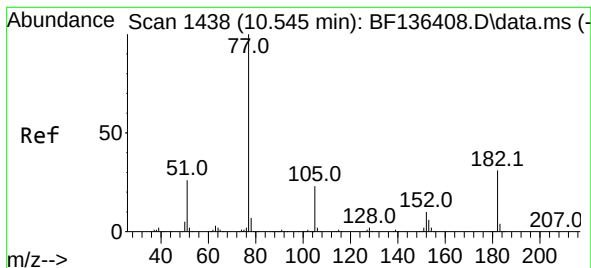
Tgt Ion:204 Resp: 354776
Ion Ratio Lower Upper
204 100
206 31.7 24.6 36.8
141 55.3 50.3 75.5



#62
4-Nitroaniline
Concen: 40.585 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF136508.D
Acq: 12 Dec 2023 10:52

Tgt Ion:138 Resp: 179055
Ion Ratio Lower Upper
138 100
92 48.7 25.0 65.0
108 71.0 47.9 87.9

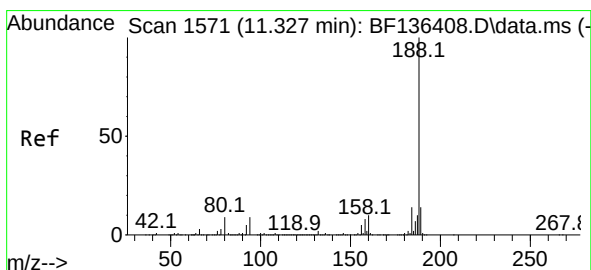
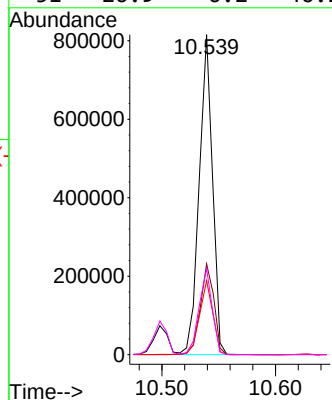
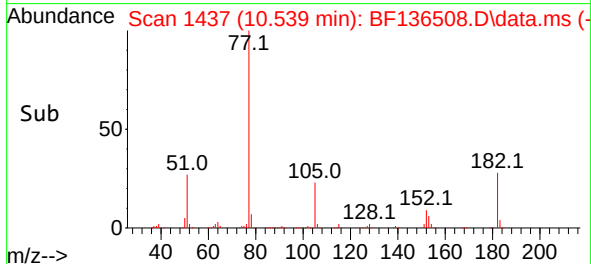
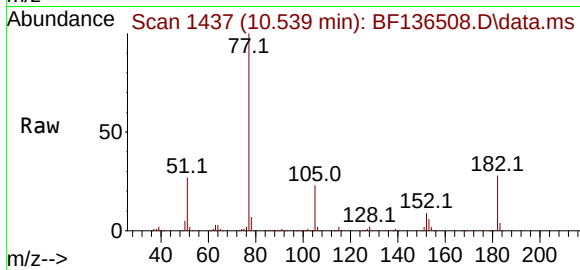




#63
Azobenzene
Concen: 38.219 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF136508.D
Acq: 12 Dec 2023 10:52

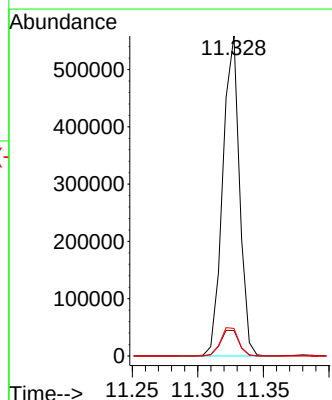
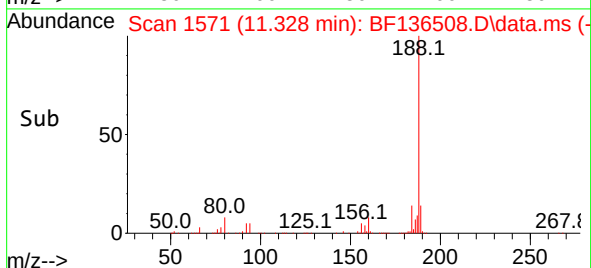
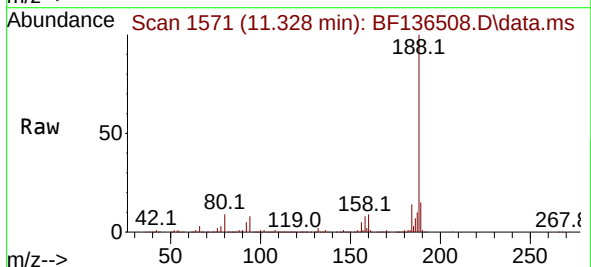
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

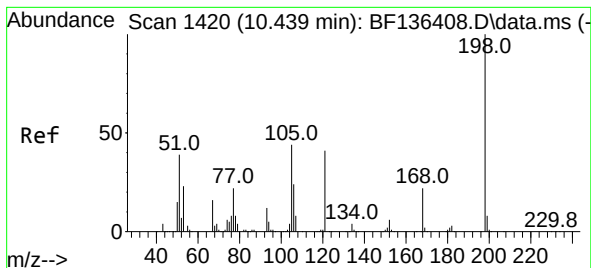
Tgt Ion:	77	Resp:	661574
Ion	Ratio	Lower	Upper
77	100		
182	28.4	10.8	50.8
105	23.1	2.6	42.6
51	26.9	6.2	46.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.328 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF136508.D
Acq: 12 Dec 2023 10:52

Tgt Ion:	188	Resp:	495404
Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.2	10.8
80	8.6	7.2	10.8

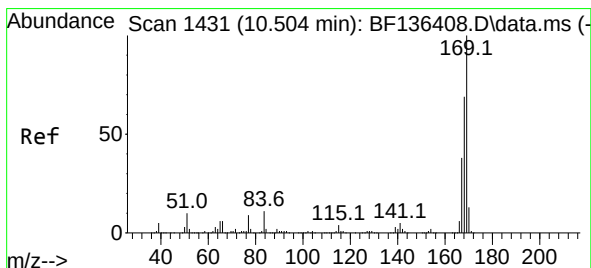
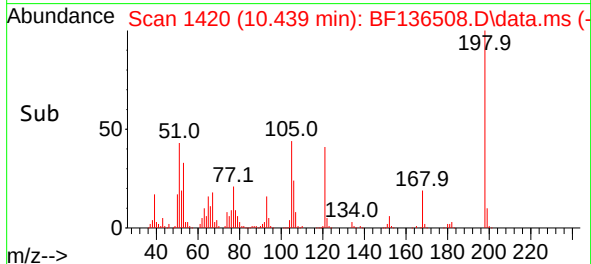
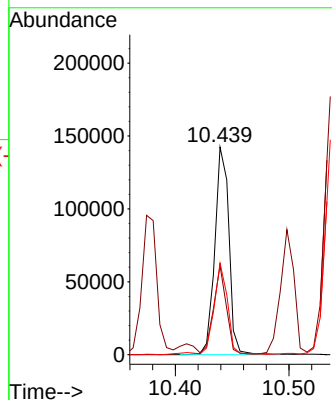
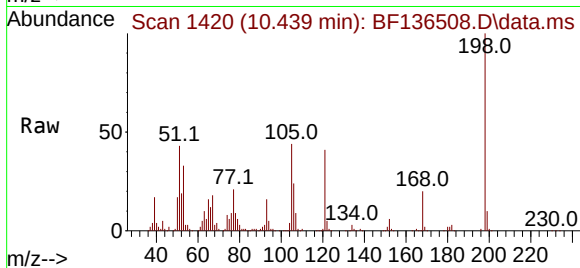




#65
4,6-Dinitro-2-methylphenol
Concen: 40.069 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF136508.D
Acq: 12 Dec 2023 10:52

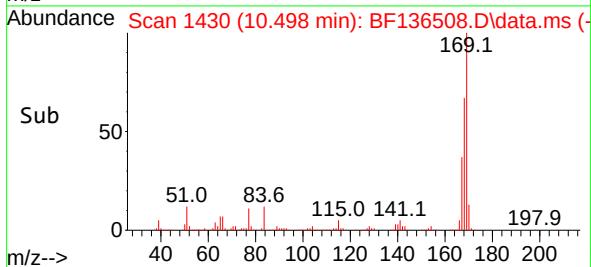
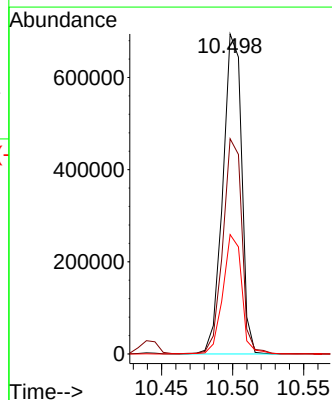
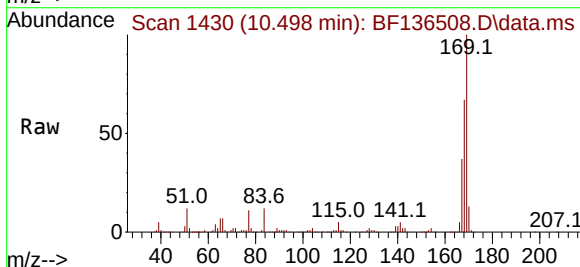
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

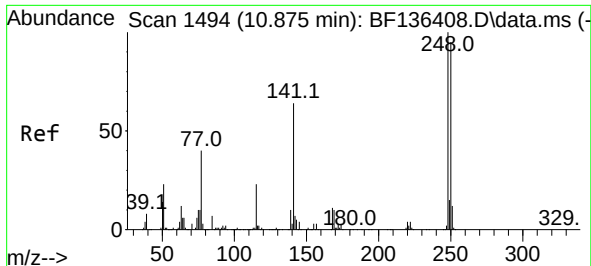
Tgt Ion:198 Resp: 122937
Ion Ratio Lower Upper
198 100
51 43.0 24.1 64.1
105 44.1 24.8 64.8



#66
n-Nitrosodiphenylamine
Concen: 40.099 ng
RT: 10.498 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF136508.D
Acq: 12 Dec 2023 10:52

Tgt Ion:169 Resp: 637436
Ion Ratio Lower Upper
169 100
168 67.3 55.3 82.9
167 37.3 30.1 45.1

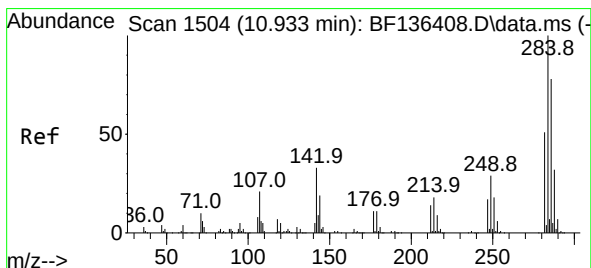
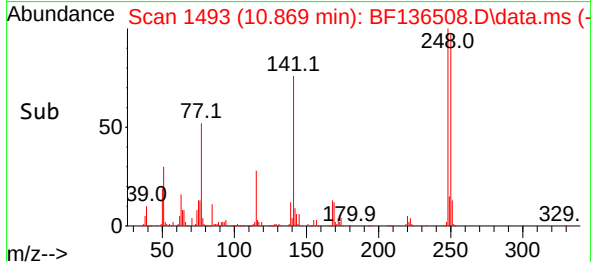
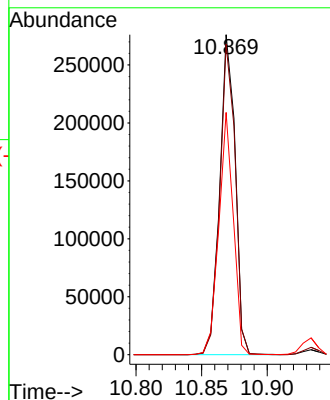
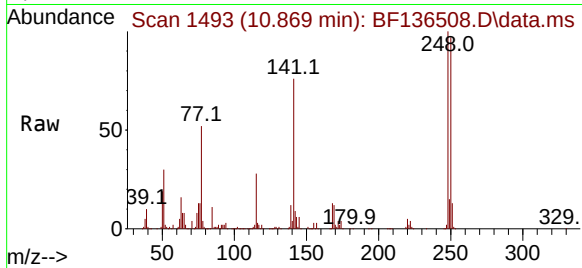




#67
4-Bromophenyl-phenylether
Concen: 39.267 ng
RT: 10.869 min Scan# 1493
Delta R.T. -0.006 min
Lab File: BF136508.D
Acq: 12 Dec 2023 10:52

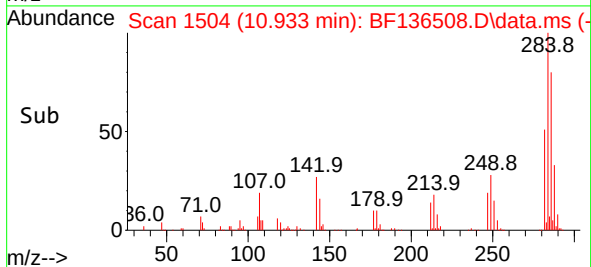
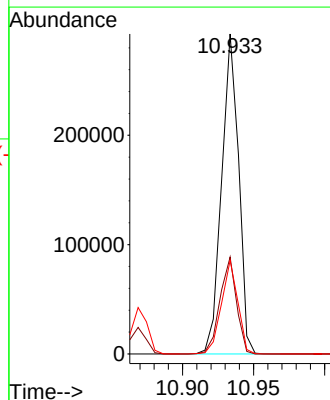
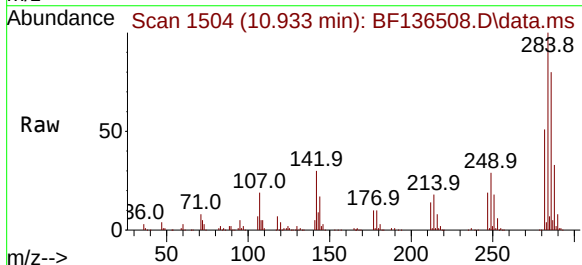
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

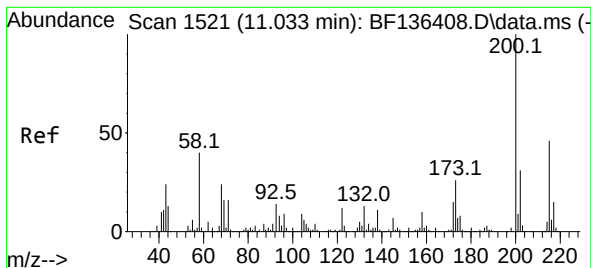
Tgt Ion:248 Resp: 226170
Ion Ratio Lower Upper
248 100
250 97.1 76.2 114.2
141 75.7 51.0 76.4



#68
Hexachlorobenzene
Concen: 36.433 ng
RT: 10.933 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BF136508.D
Acq: 12 Dec 2023 10:52

Tgt Ion:284 Resp: 242541
Ion Ratio Lower Upper
284 100
142 30.3 26.5 39.7
249 29.2 23.4 35.0





#69

Atrazine

Concen: 37.403 ng

RT: 11.033 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136508.D

Acq: 12 Dec 2023 10:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

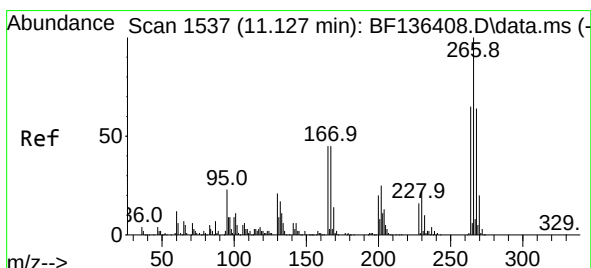
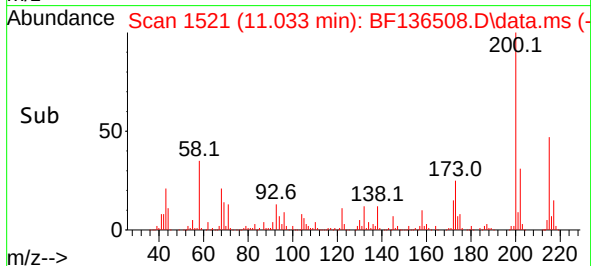
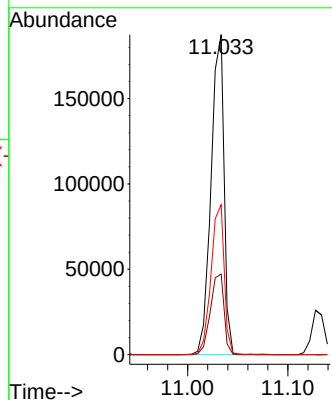
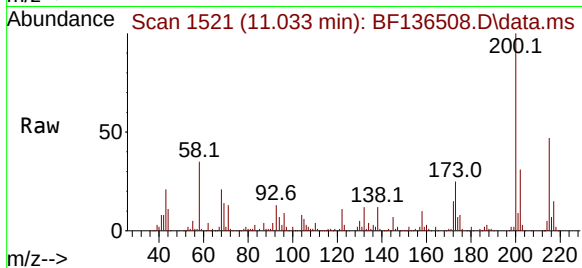
Tgt Ion:200 Resp: 169700

Ion Ratio Lower Upper

200 100

173 25.2 6.0 46.0

215 46.9 25.5 65.5



#70

Pentachlorophenol

Concen: 36.300 ng

RT: 11.133 min Scan# 1538

Delta R.T. 0.006 min

Lab File: BF136508.D

Acq: 12 Dec 2023 10:52

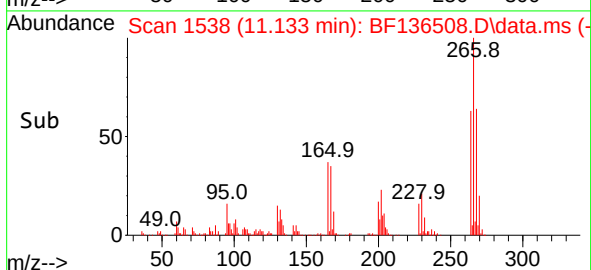
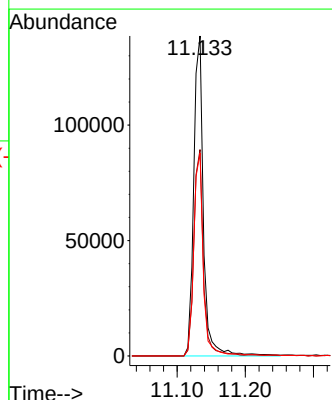
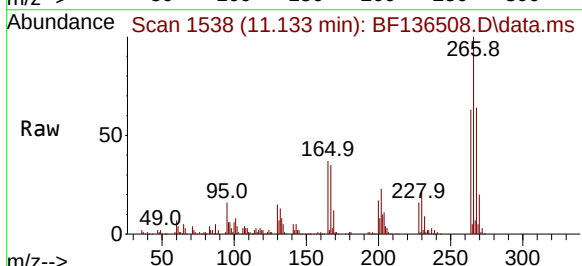
Tgt Ion:266 Resp: 136386

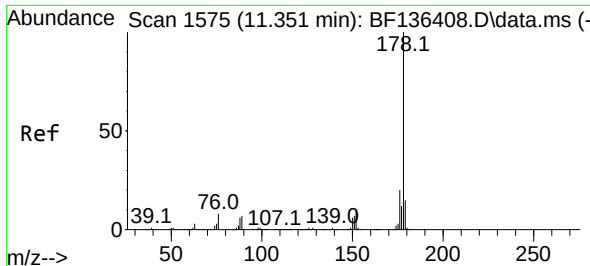
Ion Ratio Lower Upper

266 100

268 64.5 51.0 76.6

264 63.4 52.2 78.4

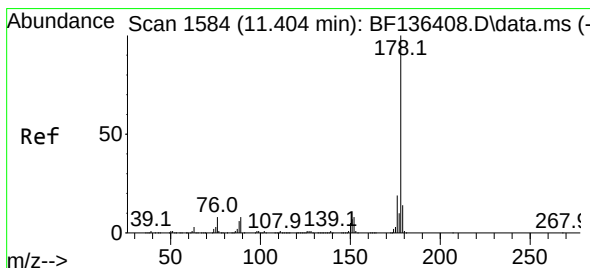
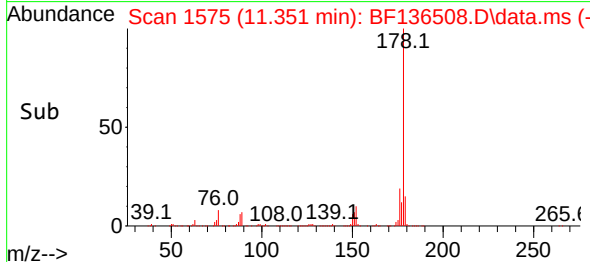
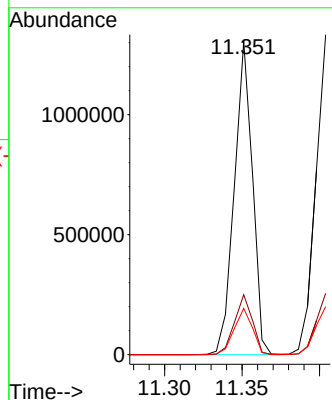
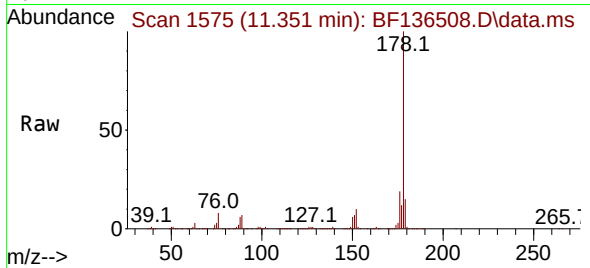




#71
Phenanthrene
Concen: 39.001 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF136508.D
Acq: 12 Dec 2023 10:52

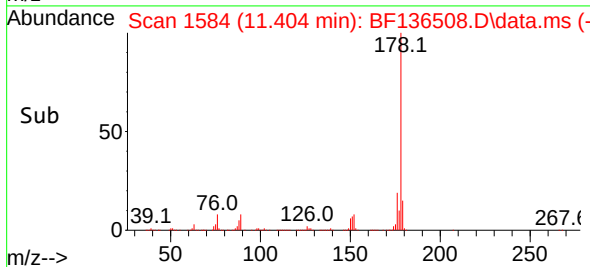
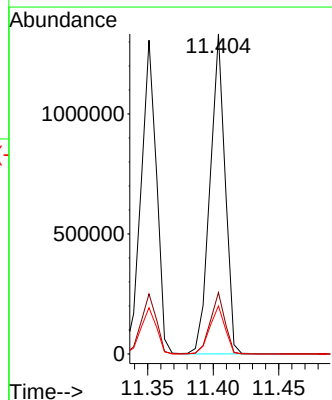
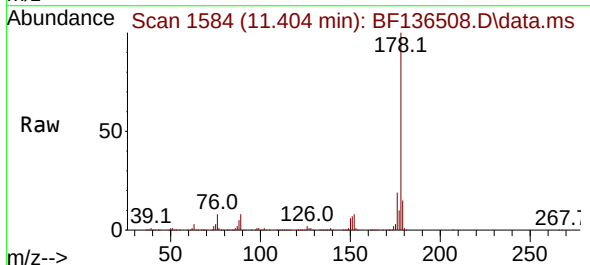
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

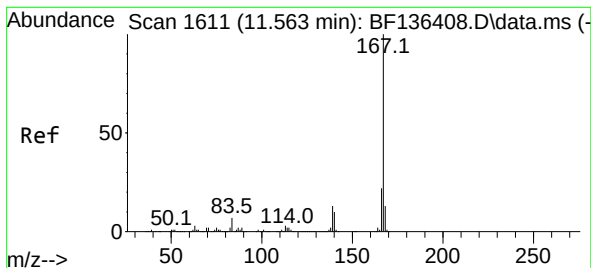
Tgt Ion:178 Resp: 1061980
Ion Ratio Lower Upper
178 100
176 19.1 15.9 23.9
179 14.7 11.8 17.6



#72
Anthracene
Concen: 38.945 ng
RT: 11.404 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF136508.D
Acq: 12 Dec 2023 10:52

Tgt Ion:178 Resp: 1068116
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.0 11.4 17.0





#73

Carbazole

Concen: 37.075 ng

RT: 11.563 min Scan# 1611

Delta R.T. 0.000 min

Lab File: BF136508.D

Acq: 12 Dec 2023 10:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

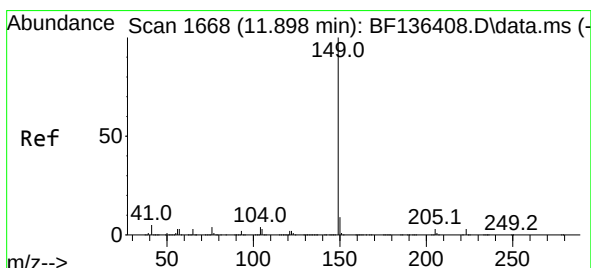
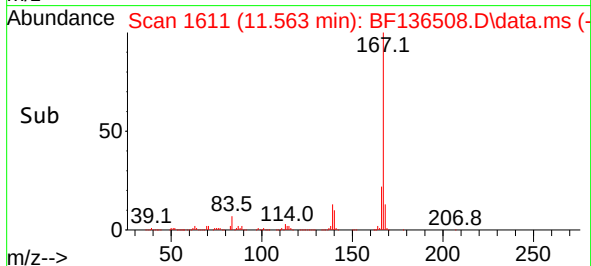
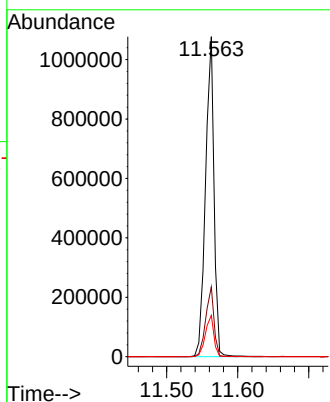
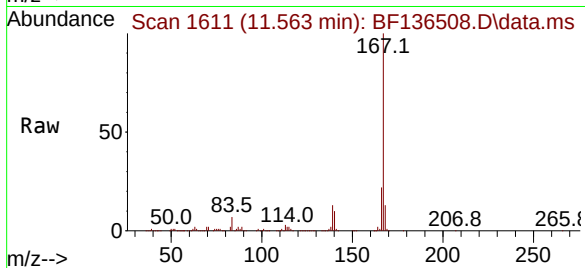
Tgt Ion:167 Resp: 899956

Ion Ratio Lower Upper

167 100

166 21.8 18.0 27.0

139 12.9 10.2 15.4



#74

Di-n-butylphthalate

Concen: 38.284 ng

RT: 11.892 min Scan# 1667

Delta R.T. -0.006 min

Lab File: BF136508.D

Acq: 12 Dec 2023 10:52

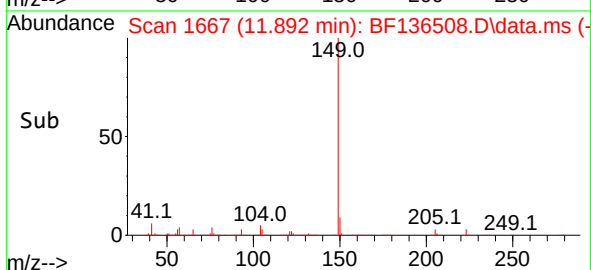
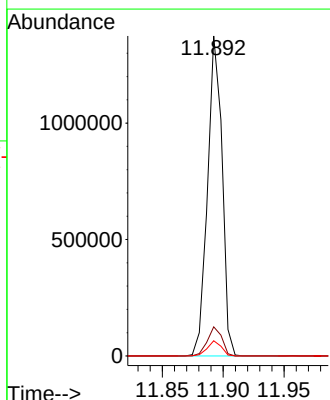
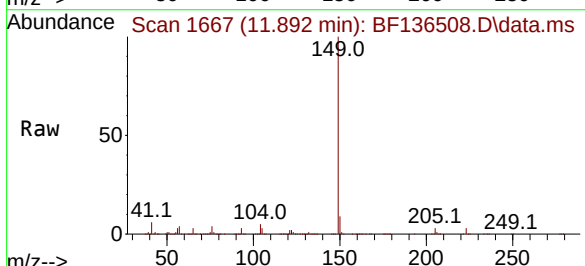
Tgt Ion:149 Resp: 1139250

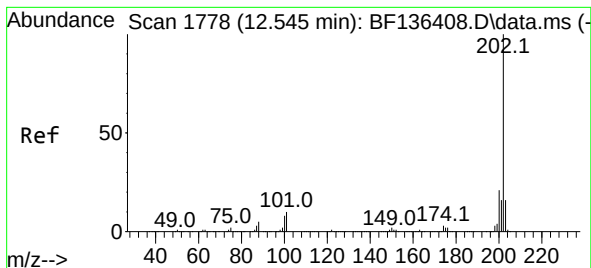
Ion Ratio Lower Upper

149 100

150 9.1 6.9 10.3

104 4.7 3.5 5.3





#75

Fluoranthene

Concen: 36.292 ng

RT: 12.545 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136508.D

Acq: 12 Dec 2023 10:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

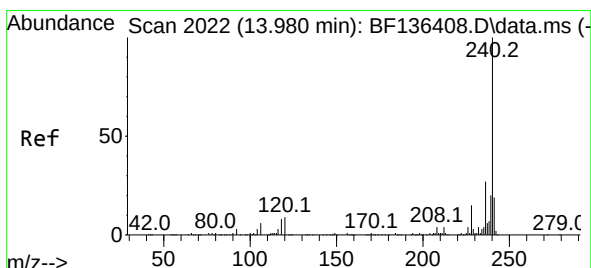
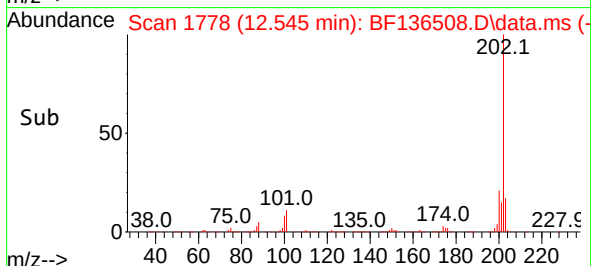
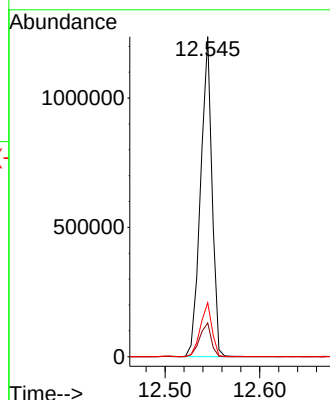
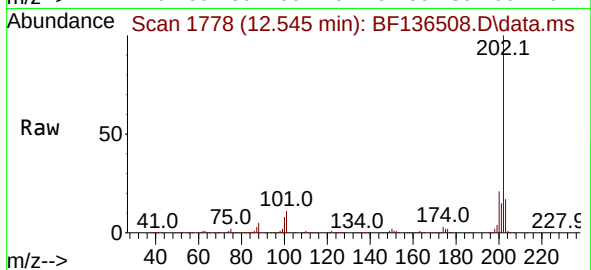
Tgt Ion:202 Resp: 1035589

Ion Ratio Lower Upper

202 100

101 10.6 0.0 29.9

203 16.9 0.0 36.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BF136508.D

Acq: 12 Dec 2023 10:52

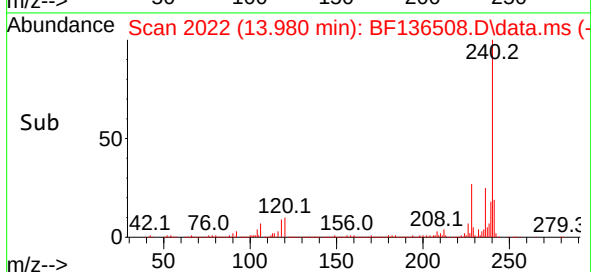
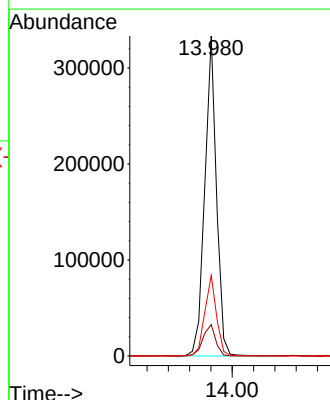
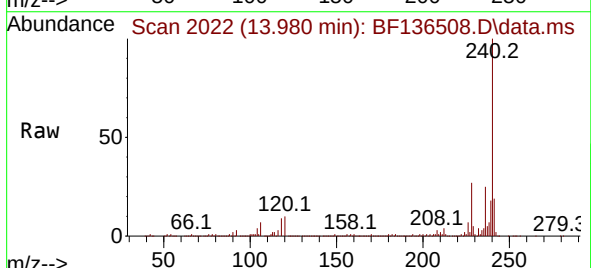
Tgt Ion:240 Resp: 254997

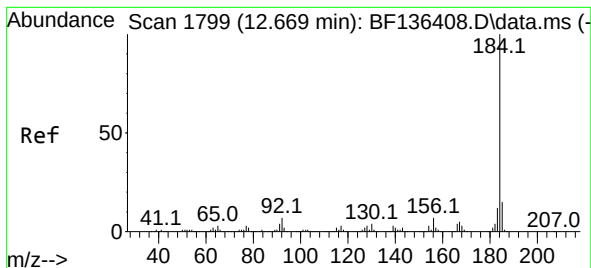
Ion Ratio Lower Upper

240 100

120 9.8 7.3 10.9

236 25.2 21.3 31.9





#77

Benzidine

Concen: 31.777 ng

RT: 12.669 min Scan# 1799

Delta R.T. -0.000 min

Lab File: BF136508.D

Acq: 12 Dec 2023 10:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

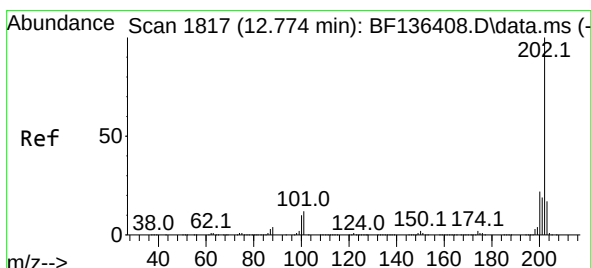
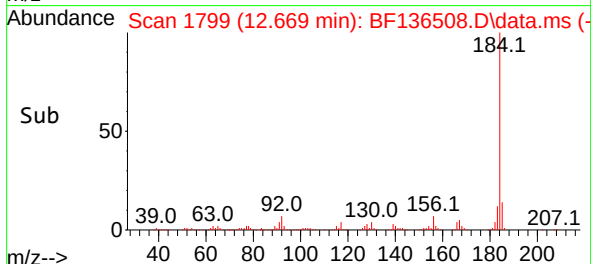
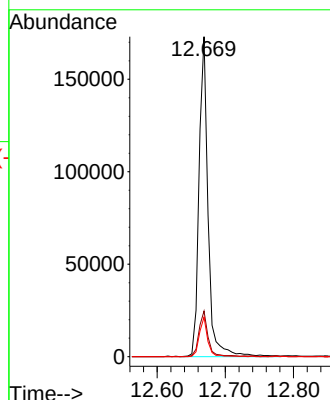
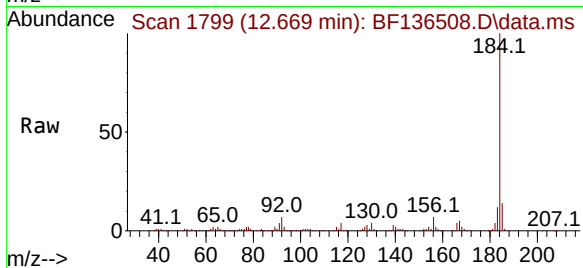
Tgt Ion:184 Resp: 159572

Ion Ratio Lower Upper

184 100

185 14.2 12.0 18.0

183 12.4 9.4 14.0



#78

Pyrene

Concen: 40.938 ng

RT: 12.774 min Scan# 1817

Delta R.T. 0.000 min

Lab File: BF136508.D

Acq: 12 Dec 2023 10:52

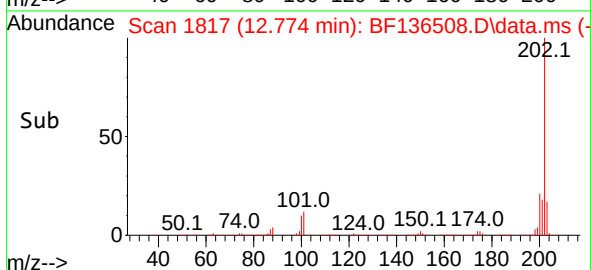
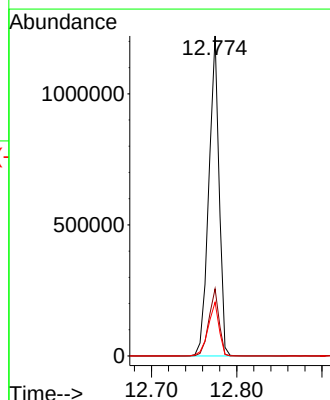
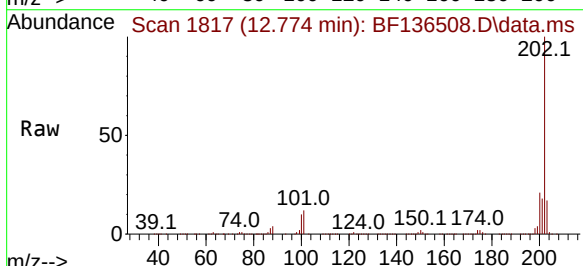
Tgt Ion:202 Resp: 1022352

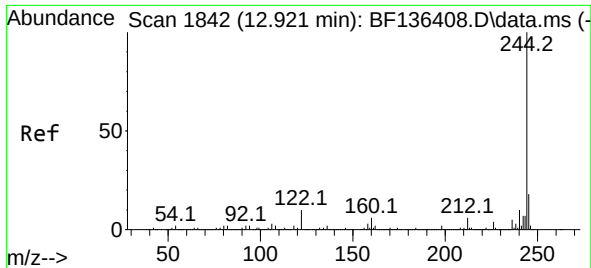
Ion Ratio Lower Upper

202 100

200 21.0 18.0 27.0

203 16.8 13.5 20.3

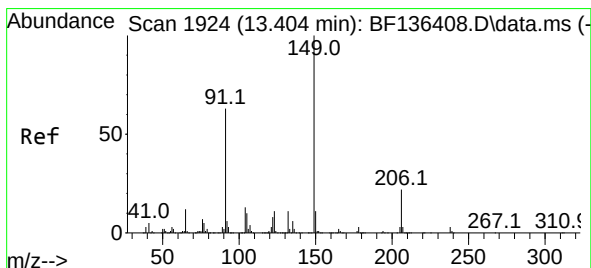
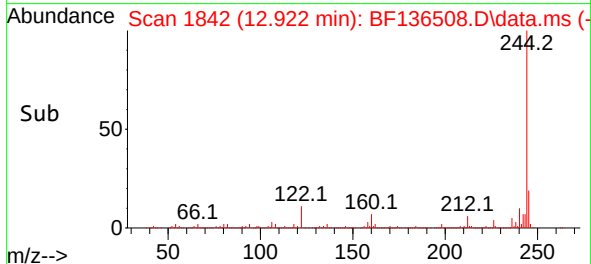
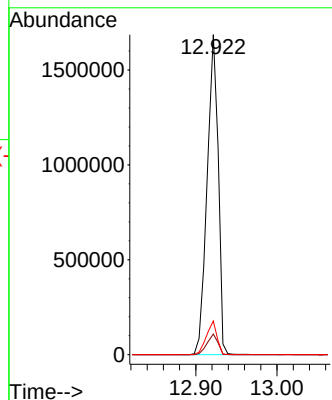
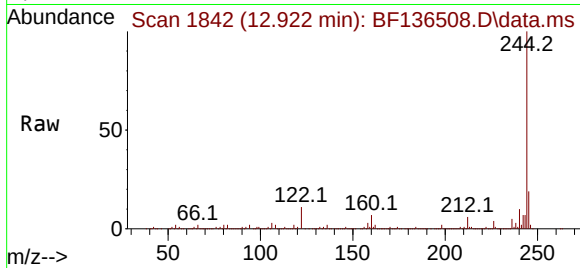




#79
 Terphenyl-d14
 Concen: 82.267 ng
 RT: 12.922 min Scan# 1842
 Delta R.T. 0.000 min
 Lab File: BF136508.D
 Acq: 12 Dec 2023 10:52

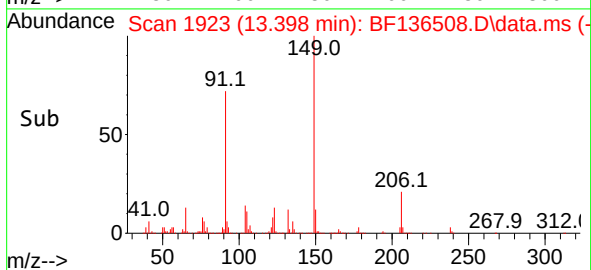
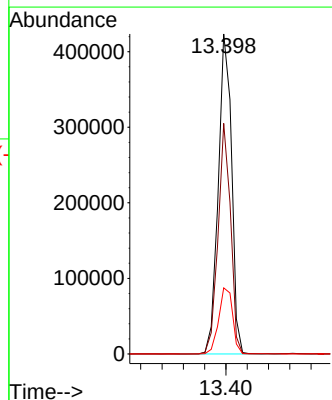
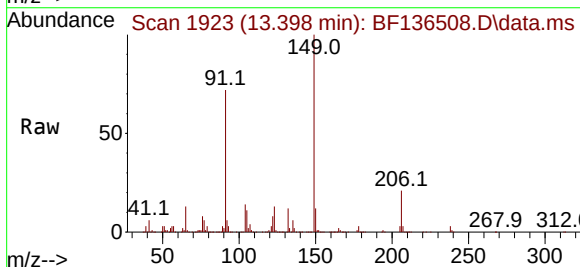
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

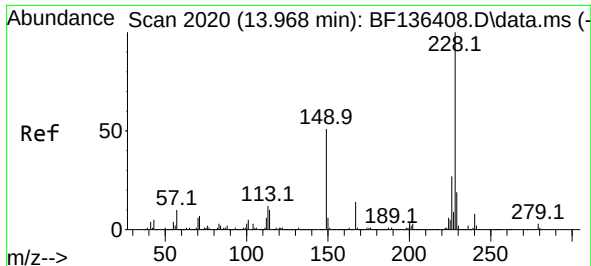
Tgt Ion:244 Resp: 1591590
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.4
 122 10.5 8.3 12.5



#80
 Butylbenzylphthalate
 Concen: 41.314 ng
 RT: 13.398 min Scan# 1923
 Delta R.T. -0.006 min
 Lab File: BF136508.D
 Acq: 12 Dec 2023 10:52

Tgt Ion:149 Resp: 367283
 Ion Ratio Lower Upper
 149 100
 91 72.1 50.5 75.7
 206 20.7 17.4 26.2

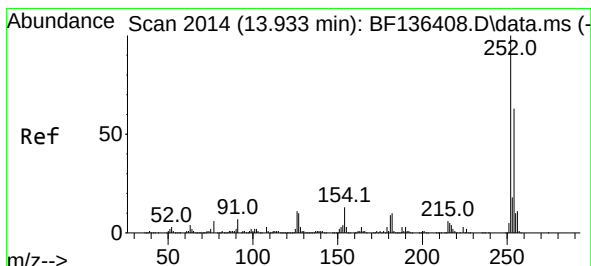
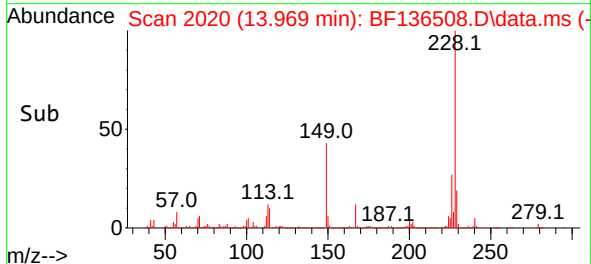
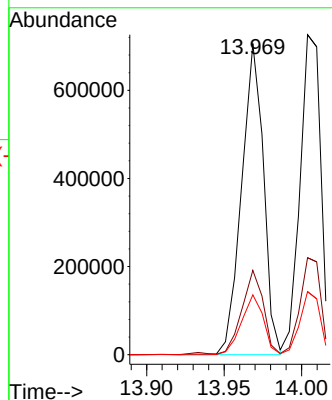
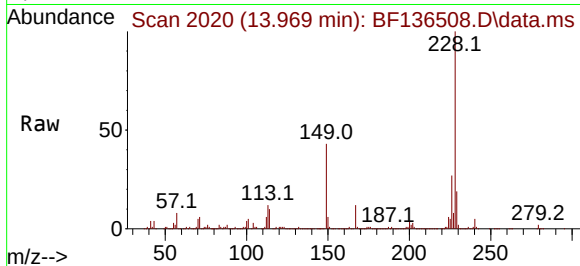




#81
Benzo(a)anthracene
Concen: 38.998 ng
RT: 13.969 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF136508.D
Acq: 12 Dec 2023 10:52

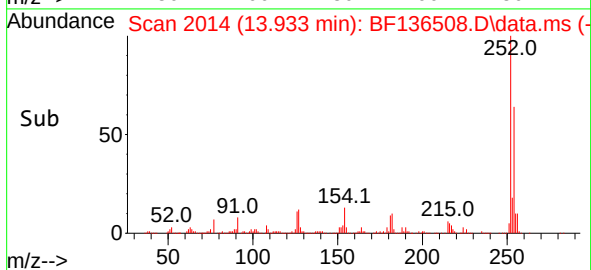
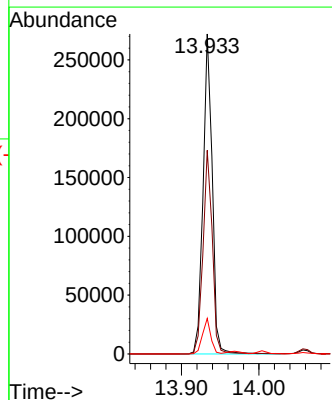
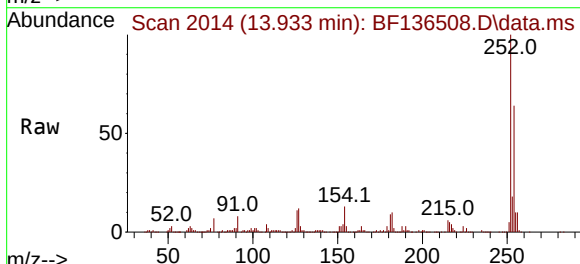
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

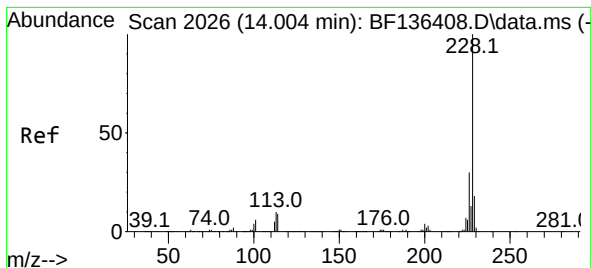
Tgt Ion:228 Resp: 692696
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.8
229 19.3 15.0 22.4



#82
3,3'-Dichlorobenzidine
Concen: 44.947 ng
RT: 13.933 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF136508.D
Acq: 12 Dec 2023 10:52

Tgt Ion:252 Resp: 223842
Ion Ratio Lower Upper
252 100
254 63.7 50.8 76.2
126 11.1 8.6 12.8





#83

Chrysene

Concen: 39.003 ng

RT: 14.004 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF136508.D

Acq: 12 Dec 2023 10:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

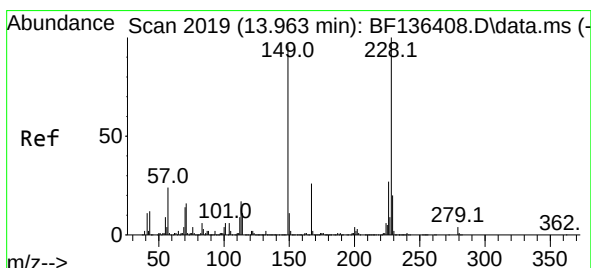
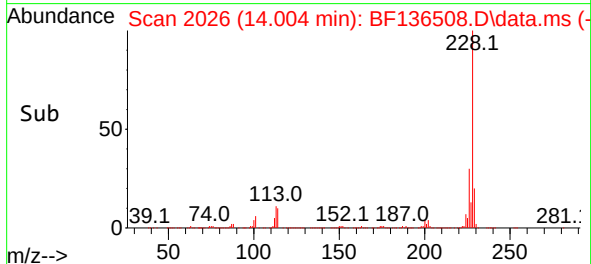
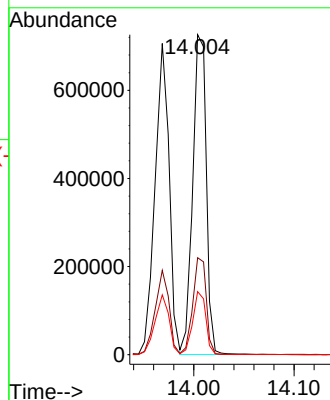
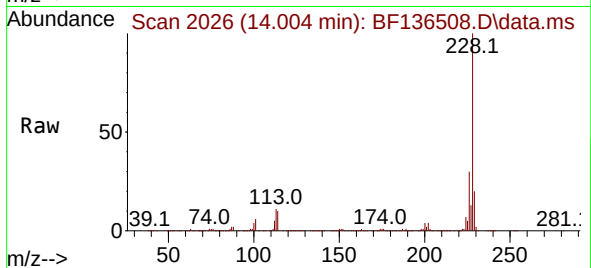
Tgt Ion:228 Resp: 681597

Ion Ratio Lower Upper

228 100

226 30.3 23.8 35.6

229 19.7 14.8 22.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.582 ng

RT: 13.963 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BF136508.D

Acq: 12 Dec 2023 10:52

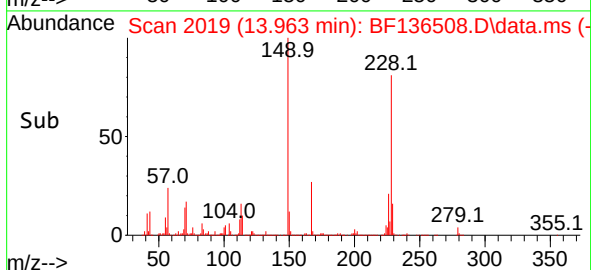
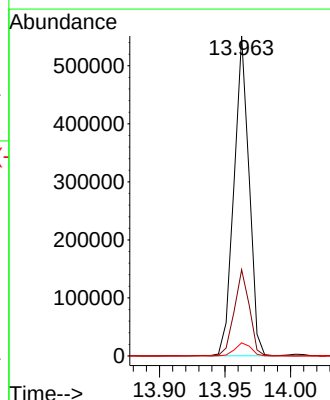
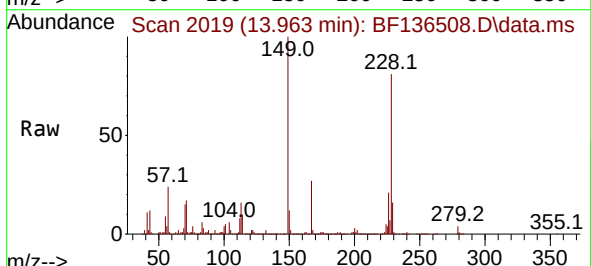
Tgt Ion:149 Resp: 442282

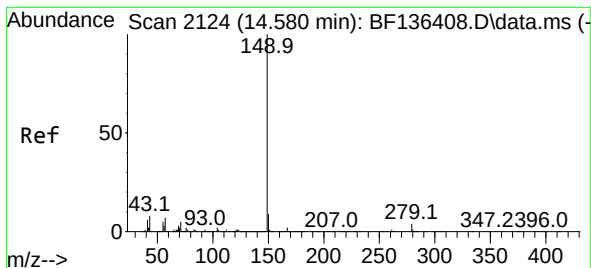
Ion Ratio Lower Upper

149 100

167 26.9 21.2 31.8

279 4.1 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 40.139 ng

RT: 14.580 min Scan# 2124

Delta R.T. 0.000 min

Lab File: BF136508.D

Acq: 12 Dec 2023 10:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

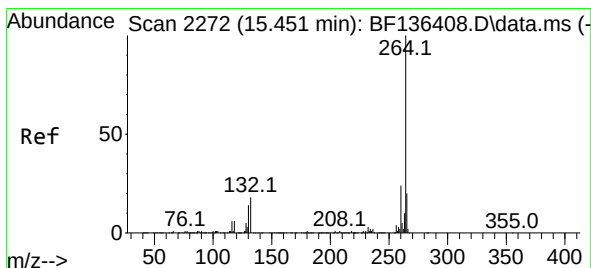
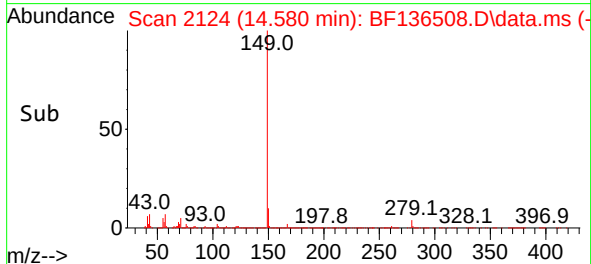
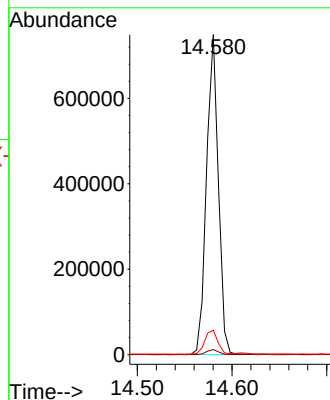
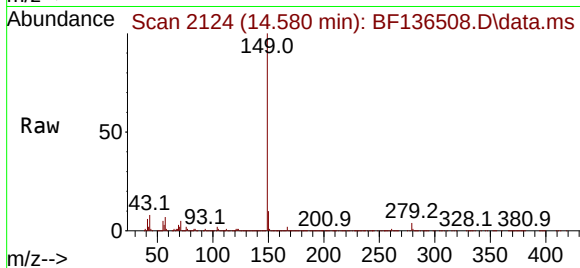
Tgt Ion:149 Resp: 646156

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

43 8.3 6.8 10.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2273

Delta R.T. 0.006 min

Lab File: BF136508.D

Acq: 12 Dec 2023 10:52

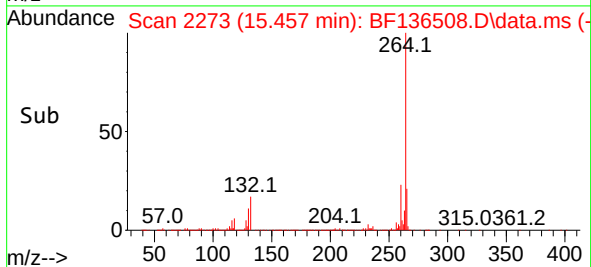
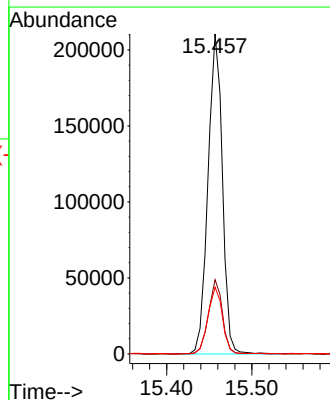
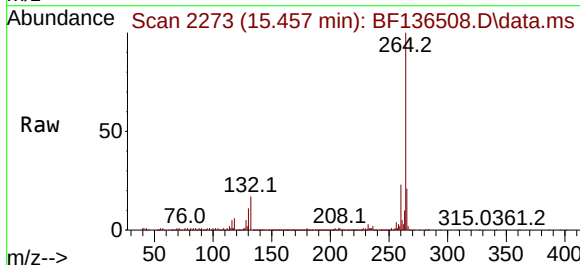
Tgt Ion:264 Resp: 246710

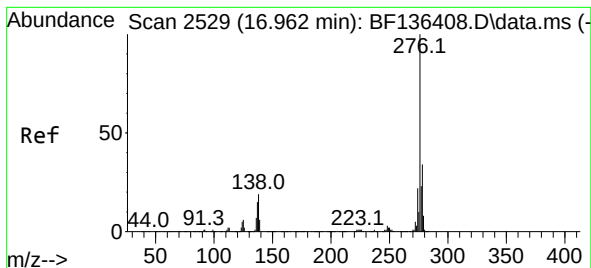
Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 20.8 15.9 23.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.203 ng

RT: 16.962 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF136508.D

Acq: 12 Dec 2023 10:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

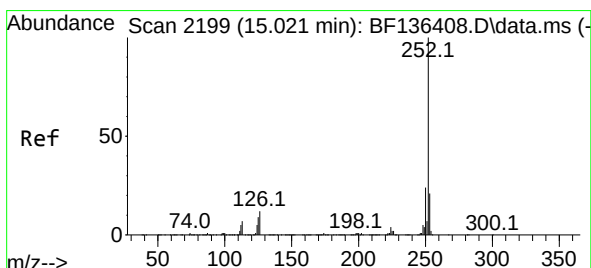
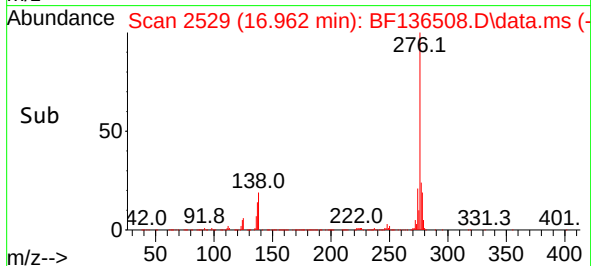
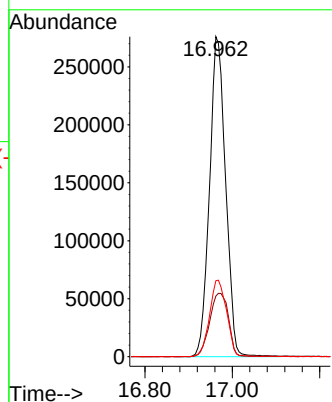
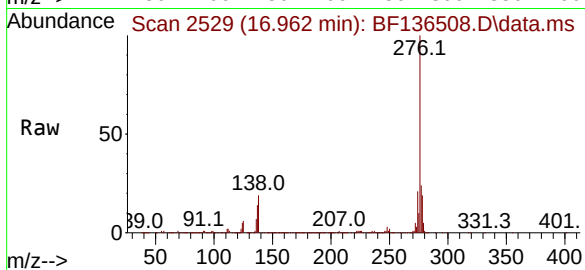
Tgt Ion:276 Resp: 706206

Ion Ratio Lower Upper

276 100

138 23.1 19.0 28.4

277 25.3 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 34.410 ng

RT: 15.027 min Scan# 2200

Delta R.T. 0.006 min

Lab File: BF136508.D

Acq: 12 Dec 2023 10:52

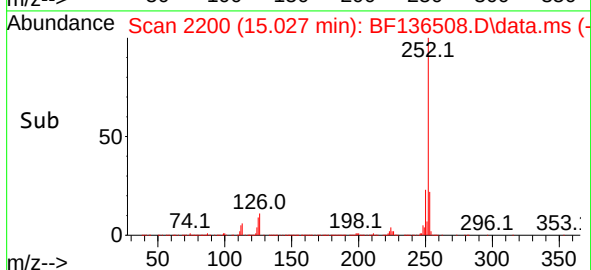
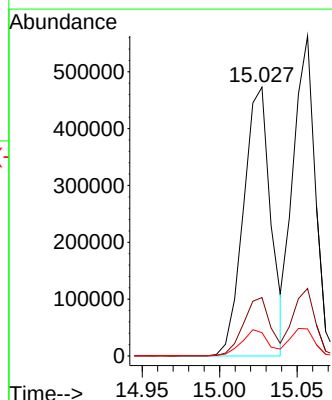
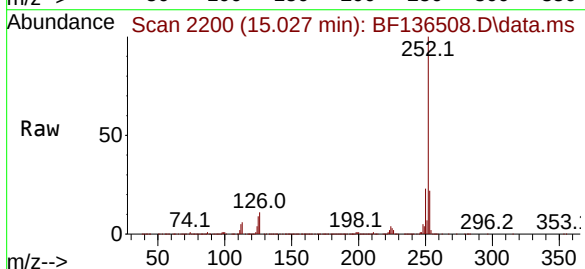
Tgt Ion:252 Resp: 580441

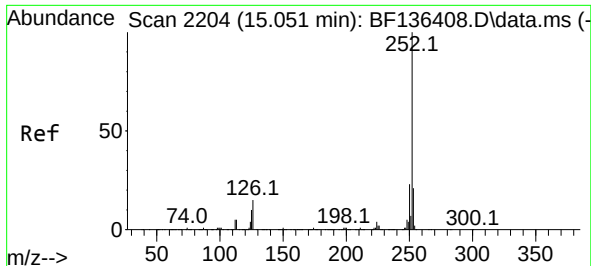
Ion Ratio Lower Upper

252 100

253 21.7 16.9 25.3

125 8.7 7.4 11.2

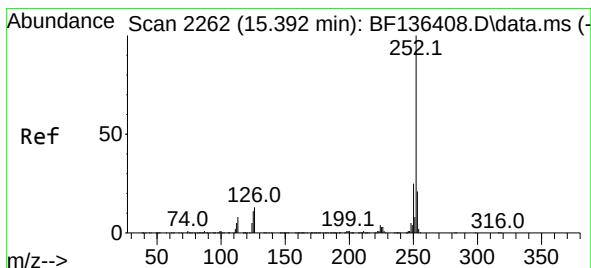
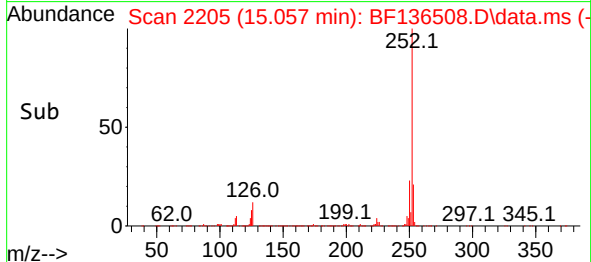
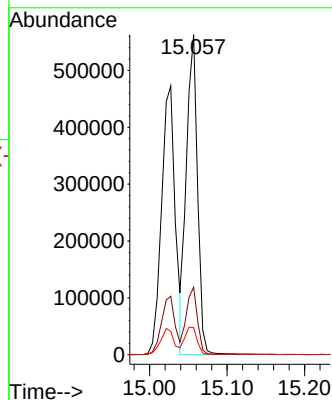
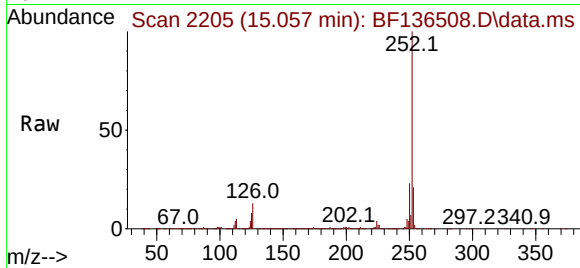




#89
Benzo(k)fluoranthene
Concen: 35.363 ng
RT: 15.057 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF136508.D
Acq: 12 Dec 2023 10:52

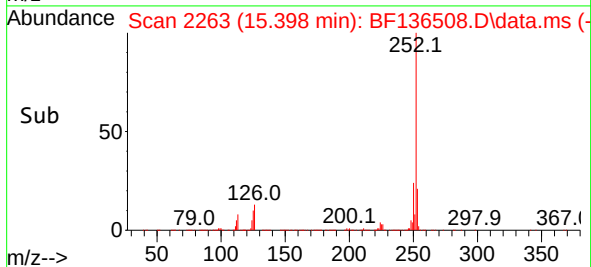
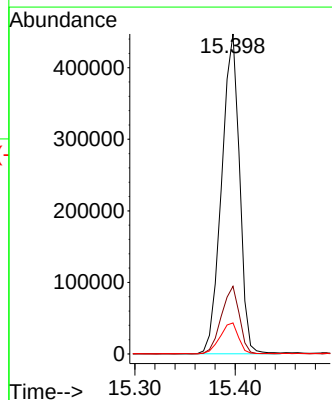
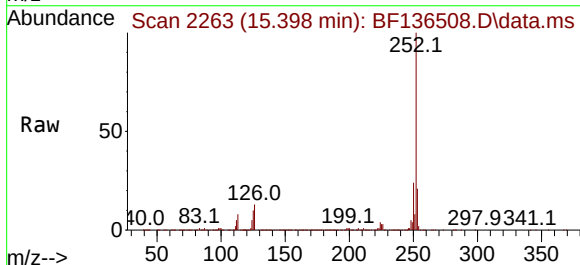
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

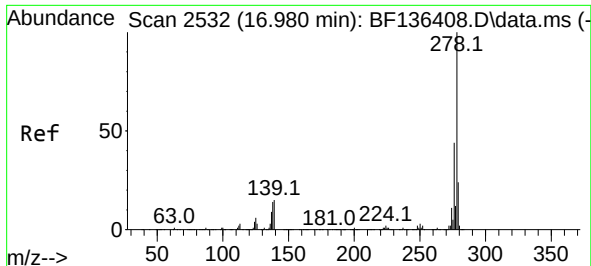
Tgt Ion:252 Resp: 562159
Ion Ratio Lower Upper
252 100
253 21.1 16.9 25.3
125 8.5 7.5 11.3



#90
Benzo(a)pyrene
Concen: 39.696 ng
RT: 15.398 min Scan# 2263
Delta R.T. 0.006 min
Lab File: BF136508.D
Acq: 12 Dec 2023 10:52

Tgt Ion:252 Resp: 552985
Ion Ratio Lower Upper
252 100
253 21.1 17.0 25.4
125 9.7 8.6 13.0



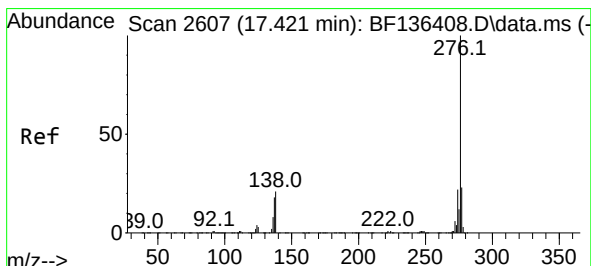
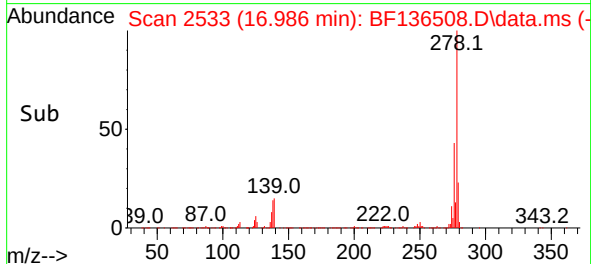
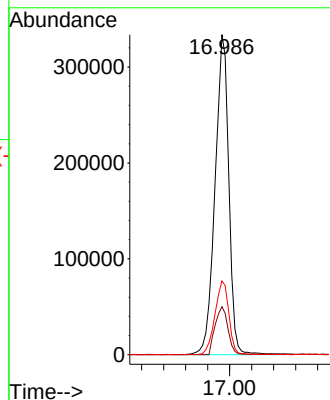
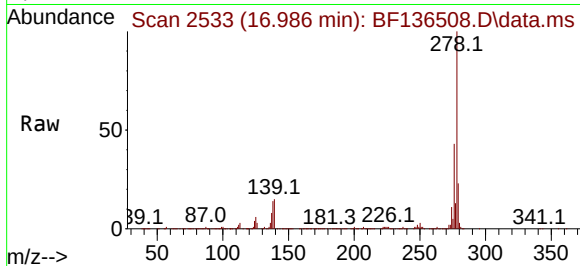


#91
Dibenzo(a,h)anthracene
Concen: 41.348 ng
RT: 16.986 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF136508.D
Acq: 12 Dec 2023 10:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 580575

Ion	Ratio	Lower	Upper
278	100		
139	15.0	12.2	18.4
279	23.1	19.0	28.4



#92
Benzo(g,h,i)perylene
Concen: 40.395 ng
RT: 17.427 min Scan# 2608
Delta R.T. 0.006 min
Lab File: BF136508.D
Acq: 12 Dec 2023 10:52

Tgt Ion:276 Resp: 582168

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.7	28.1
138	20.4	16.6	25.0

