

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
 Data File : BF136796.D
 Acq On : 28 Dec 2023 16:39
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 28 17:03:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	82808	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	314190	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	152875	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	258872	20.000	ng	0.00
76) Chrysene-d12	13.963	240	131627	20.000	ng	0.00
86) Perylene-d12	15.445	264	150804	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	430780	81.168	ng	0.00
7) Phenol-d6	6.434	99	545551	79.331	ng	0.00
23) Nitrobenzene-d5	7.351	82	487394	79.380	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	137059	76.125	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	940341	82.731	ng	-0.01
79) Terphenyl-d14	12.904	244	757116	80.382	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.528	88	88050	39.818	ng	97
3) Pyridine	3.293	79	215609	39.962	ng	97
4) n-Nitrosodimethylamine	3.263	42	111667	38.757	ng	99
6) Aniline	6.451	93	260698	37.917	ng	# 52
8) 2-Chlorophenol	6.575	128	235520	40.552	ng	97
9) Benzaldehyde	6.340	77	152703	39.039	ng	95
10) Phenol	6.445	94	290054	39.511	ng	96
11) bis(2-Chloroethyl)ether	6.528	93	219201	39.263	ng	97
12) 1,3-Dichlorobenzene	6.728	146	256931	40.552	ng	96
13) 1,4-Dichlorobenzene	6.804	146	260473	40.235	ng	97
14) 1,2-Dichlorobenzene	6.951	146	241339	40.063	ng	99
15) Benzyl Alcohol	6.934	79	185198	39.918	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.057	45	351216	38.479	ng	90
17) 2-Methylphenol	7.045	107	186808	38.826	ng	99
18) Hexachloroethane	7.287	117	94486	40.188	ng	98
19) n-Nitroso-di-n-propyla...	7.204	70	156084	37.442	ng	95
20) 3+4-Methylphenols	7.198	107	231860	38.573	ng	92
22) Acetophenone	7.198	105	315627	40.079	ng	# 96
24) Nitrobenzene	7.369	77	248165	40.348	ng	98
25) Isophorone	7.604	82	436939	39.109	ng	99
26) 2-Nitrophenol	7.681	139	124886	42.439	ng	95
27) 2,4-Dimethylphenol	7.722	122	142997	39.914	ng	99
28) bis(2-Chloroethoxy)met...	7.816	93	272505	40.127	ng	100
29) 2,4-Dichlorophenol	7.928	162	187659	40.686	ng	96
30) 1,2,4-Trichlorobenzene	8.004	180	212664	41.382	ng	98
31) Naphthalene	8.087	128	692821	40.139	ng	99
32) Benzoic acid	7.857	122	113080	32.621	ng	98
33) 4-Chloroaniline	8.134	127	245852	38.577	ng	98
34) Hexachlorobutadiene	8.198	225	128663	41.208	ng	99
35) Caprolactam	8.522	113	61148	40.187	ng	95
36) 4-Chloro-3-methylphenol	8.628	107	199133	38.350	ng	98
37) 2-Methylnaphthalene	8.775	142	434271	39.094	ng	99
38) 1-Methylnaphthalene	8.875	142	424475	38.948	ng	99
40) 1,2,4,5-Tetrachloroben...	8.939	216	203816	43.049	ng	99
41) Hexachlorocyclopentadiene	8.922	237	78246	53.558	ng	98
43) 2,4,6-Trichlorophenol	9.057	196	125206	41.236	ng	99

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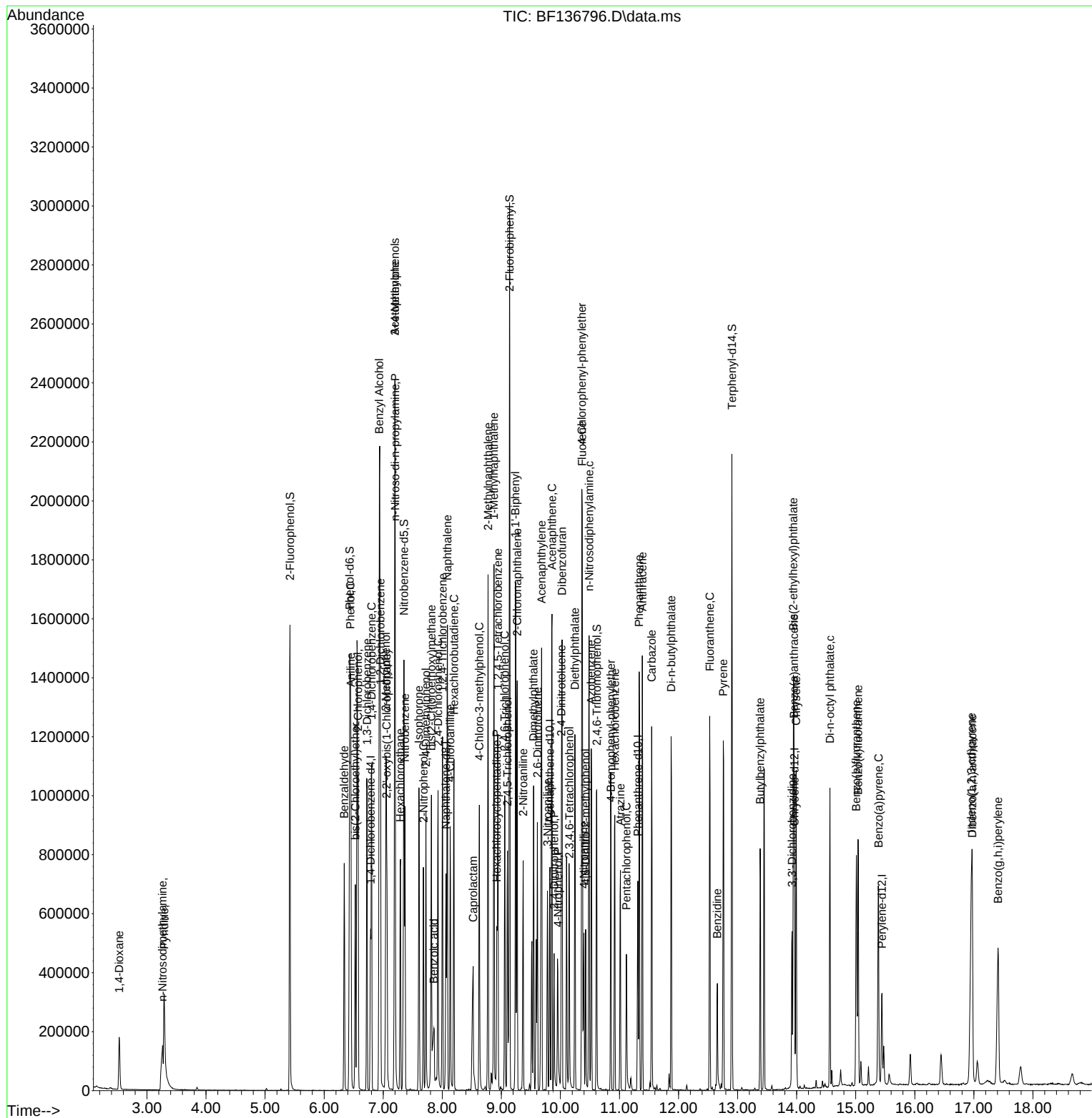
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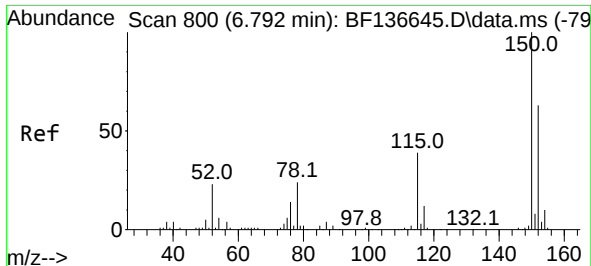
Quant Time: Dec 28 17:03:56 2023
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 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	136113	40.228	ng	98
46) 1,1'-Biphenyl	9.239	154	535685	41.757	ng	98
47) 2-Chloronaphthalene	9.269	162	404855	41.513	ng	98
48) 2-Nitroaniline	9.369	65	119591	39.159	ng	91
49) Acenaphthylene	9.681	152	602699	40.432	ng	100
50) Dimethylphthalate	9.545	163	435502	39.001	ng	99
51) 2,6-Dinitrotoluene	9.610	165	100115	39.505	ng	86
52) Acenaphthene	9.857	154	371777	40.234	ng	99
53) 3-Nitroaniline	9.781	138	100056	37.271	ng	96
54) 2,4-Dinitrophenol	9.892	184	61870	45.729	ng	90
55) Dibenzofuran	10.028	168	551434	39.369	ng	98
56) 4-Nitrophenol	9.957	139	80643	44.500	ng	93
57) 2,4-Dinitrotoluene	10.016	165	123933	37.671	ng	98
58) Fluorene	10.369	166	434643	39.108	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	99223	38.096	ng	99
60) Diethylphthalate	10.245	149	439502	37.935	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	211291	39.112	ng	96
62) 4-Nitroaniline	10.398	138	94455	36.498	ng	96
63) Azobenzene	10.522	77	410903	37.972	ng	97
65) 4,6-Dinitro-2-methylph...	10.428	198	64283	43.329	ng	95
66) n-Nitrosodiphenylamine	10.486	169	368963	43.875	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	125526	43.662	ng	# 92
68) Hexachlorobenzene	10.922	284	141824	44.266	ng	97
69) Atrazine	11.016	200	83400	38.775	ng	96
70) Pentachlorophenol	11.116	266	57612	38.578	ng	99
71) Phenanthrene	11.333	178	538710	40.557	ng	99
72) Anthracene	11.386	178	555392	41.287	ng	99
73) Carbazole	11.545	167	497892	39.257	ng	99
74) Di-n-butylphthalate	11.875	149	609881	39.408	ng	99
75) Fluoranthene	12.527	202	524428	36.910	ng	96
77) Benzidine	12.657	184	156169	40.238	ng	99
78) Pyrene	12.757	202	523024	40.477	ng	99
80) Butylbenzylphthalate	13.380	149	192923	41.032	ng	98
81) Benzo(a)anthracene	13.957	228	372629	40.769	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	119514	46.043	ng	98
83) Chrysene	13.992	228	366140	40.964	ng	98
84) Bis(2-ethylhexyl)phtha...	13.945	149	256528	43.364	ng	97
85) Di-n-octyl phthalate	14.563	149	432442	47.258	ng	99
87) Indeno(1,2,3-cd)pyrene	16.957	276	497720	45.712	ng	100
88) Benzo(b)fluoranthene	15.010	252	399029	39.616	ng	99
89) Benzo(k)fluoranthene	15.039	252	343467	36.088	ng	99
90) Benzo(a)pyrene	15.386	252	342290	40.259	ng	98
91) Dibenzo(a,h)anthracene	16.974	278	408500	45.731	ng	97
92) Benzo(g,h,i)perylene	17.409	276	426777	46.647	ng	98

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

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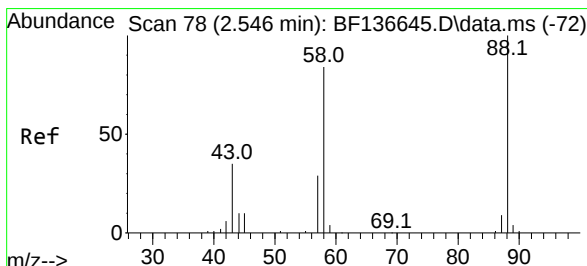
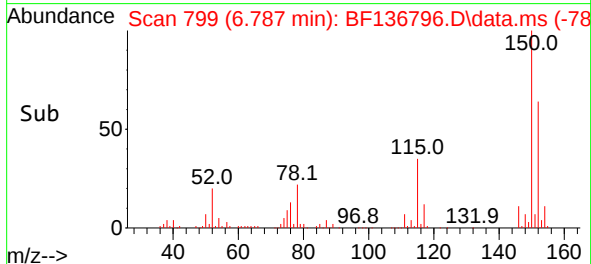
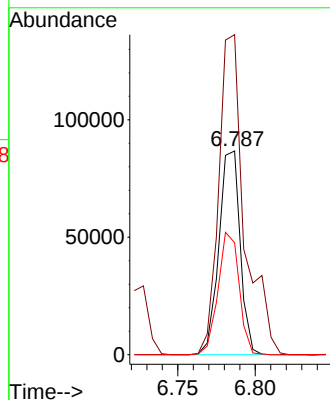
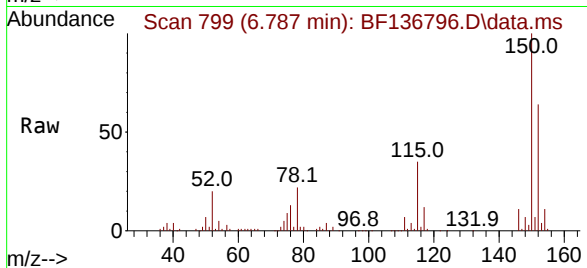




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 74
 Delta R.T. -0.005 min
 Lab File: BF136796.D
 Acq: 28 Dec 2023 16:39

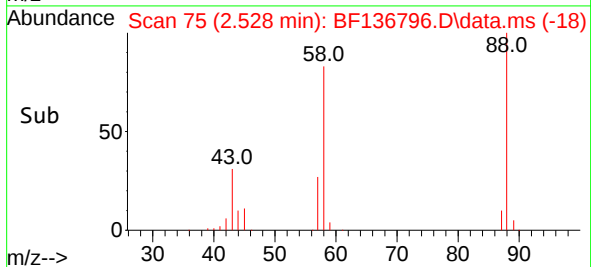
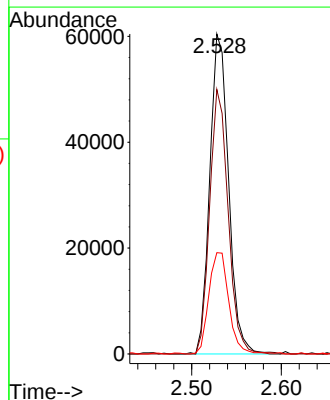
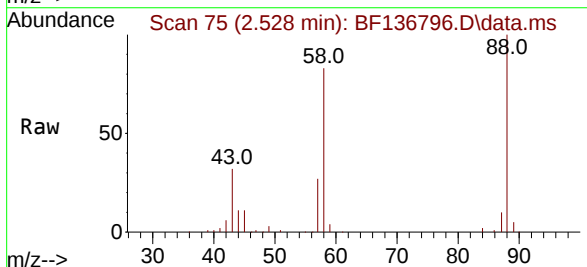
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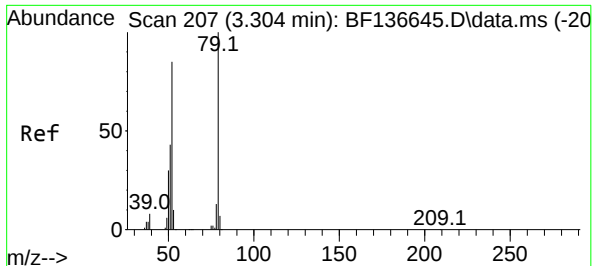
Tgt Ion:152 Resp: 82808
 Ion Ratio Lower Upper
 152 100
 150 157.1 127.0 190.6
 115 55.0 49.0 73.4



#2
 1,4-Dioxane
 Concen: 39.818 ng
 RT: 2.528 min Scan# 75
 Delta R.T. -0.017 min
 Lab File: BF136796.D
 Acq: 28 Dec 2023 16:39

Tgt Ion: 88 Resp: 88050
 Ion Ratio Lower Upper
 88 100
 58 80.9 67.4 101.0
 43 33.7 27.7 41.5

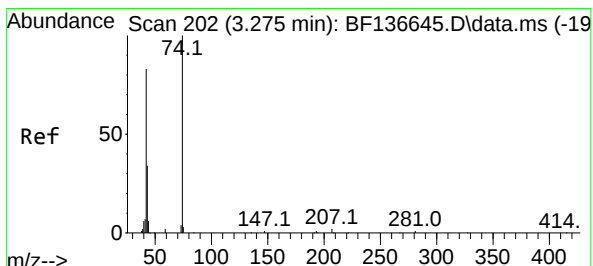
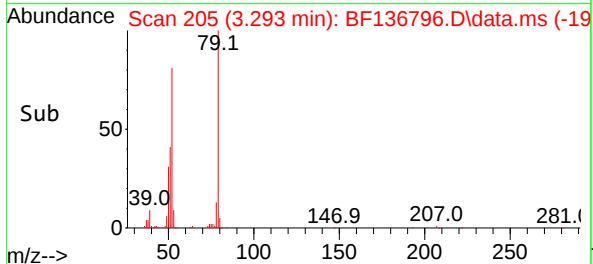
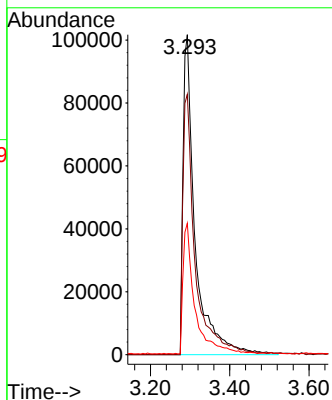
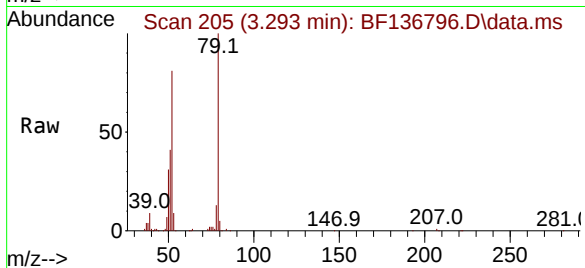




#3
Pyridine
Concen: 39.962 ng
RT: 3.293 min Scan# 207
Delta R.T. -0.012 min
Lab File: BF136796.D
Acq: 28 Dec 2023 16:39

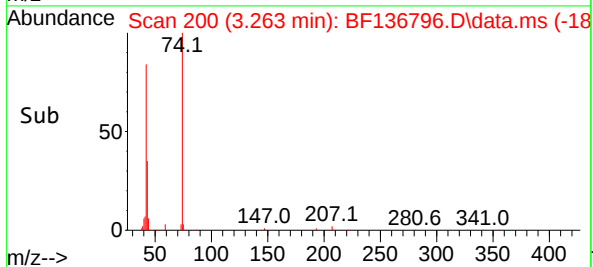
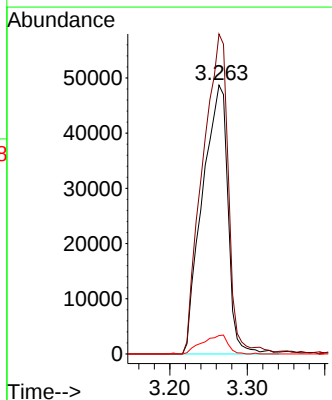
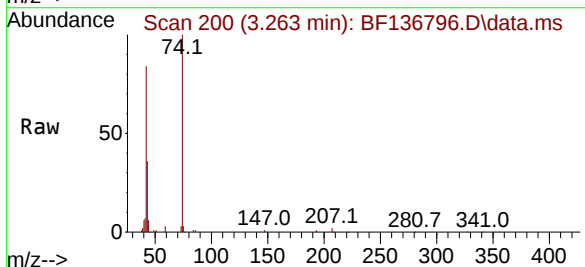
Instrument :
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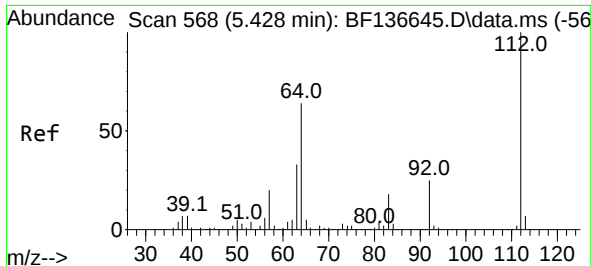
Tgt Ion: 79 Resp: 215609
Ion Ratio Lower Upper
79 100
52 81.4 67.7 101.5
51 41.1 34.0 51.0



#4
n-Nitrosodimethylamine
Concen: 38.757 ng
RT: 3.263 min Scan# 200
Delta R.T. -0.012 min
Lab File: BF136796.D
Acq: 28 Dec 2023 16:39

Tgt Ion: 42 Resp: 111667
Ion Ratio Lower Upper
42 100
74 119.0 96.0 144.0
44 6.8 5.4 8.2

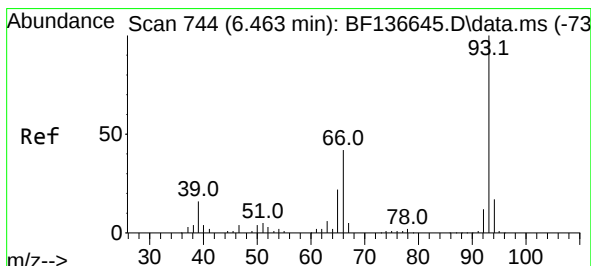
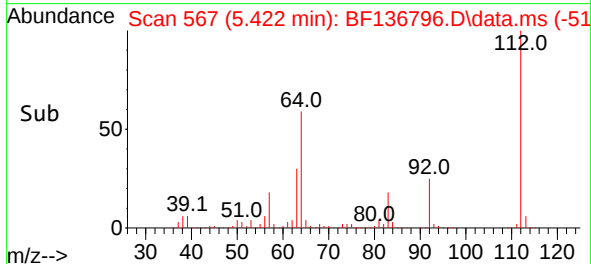
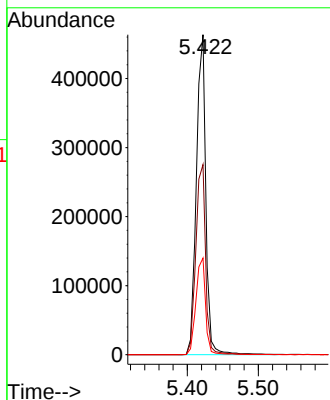
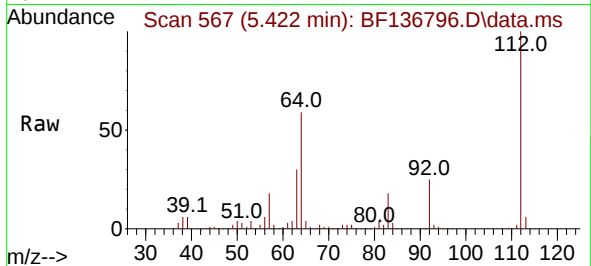




#5
2-Fluorophenol
Concen: 81.168 ng
RT: 5.422 min Scan# 50
Delta R.T. -0.006 min
Lab File: BF136796.D
Acq: 28 Dec 2023 16:39

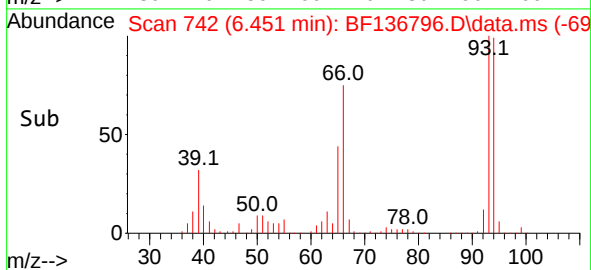
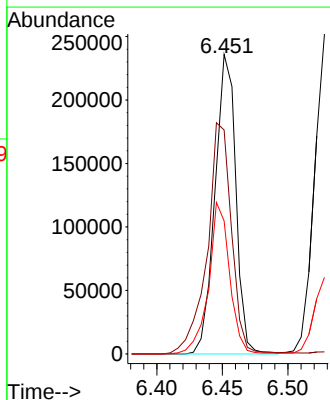
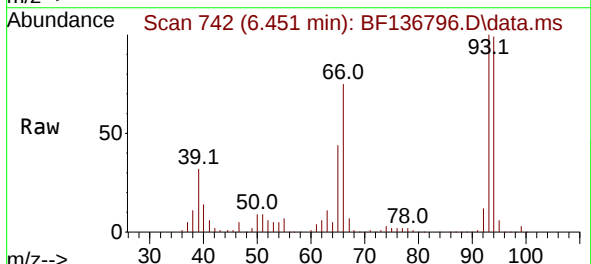
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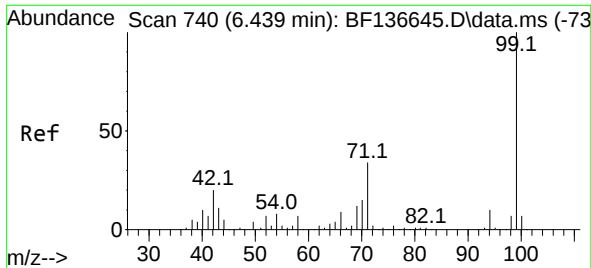
Tgt Ion:112 Resp: 430780
Ion Ratio Lower Upper
112 100
64 59.4 51.1 76.7
63 30.2 26.1 39.1



#6
Aniline
Concen: 37.917 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF136796.D
Acq: 28 Dec 2023 16:39

Tgt Ion: 93 Resp: 260698
Ion Ratio Lower Upper
93 100
66 74.7 34.6 51.8#
65 44.4 17.8 26.8#

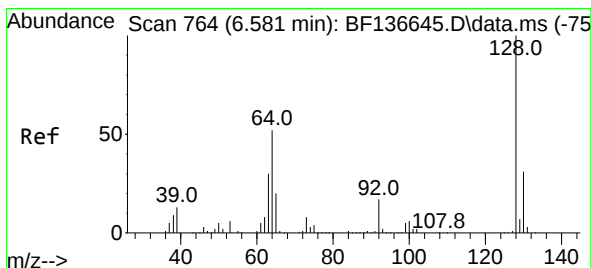
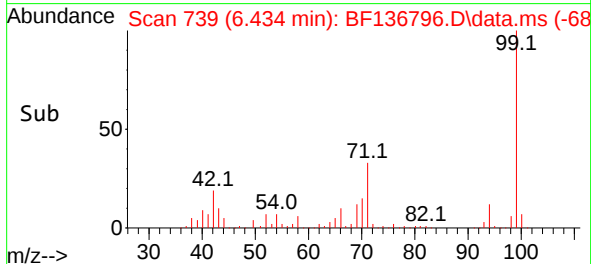
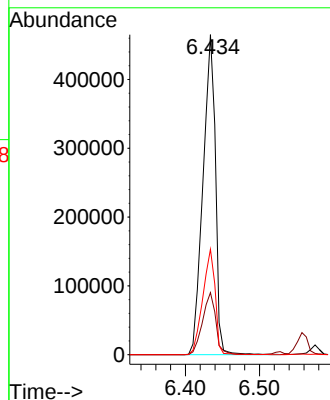
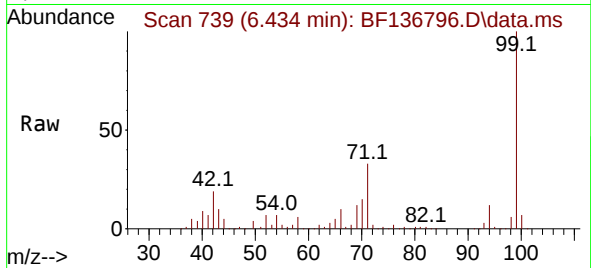




#7
Phenol-d6
Concen: 79.331 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136796.D
Acq: 28 Dec 2023 16:39

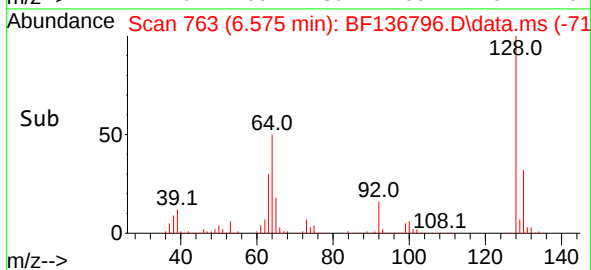
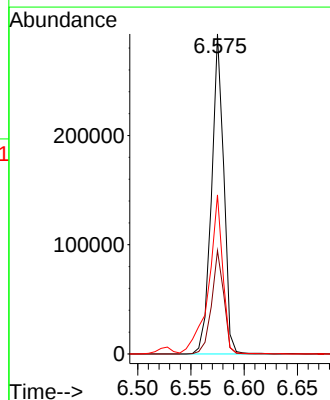
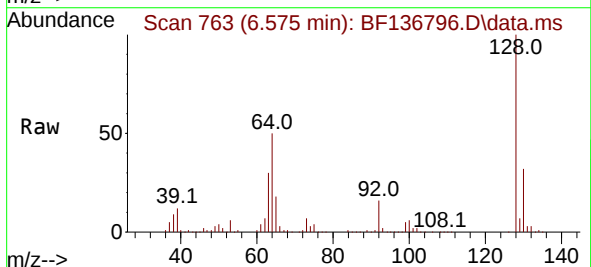
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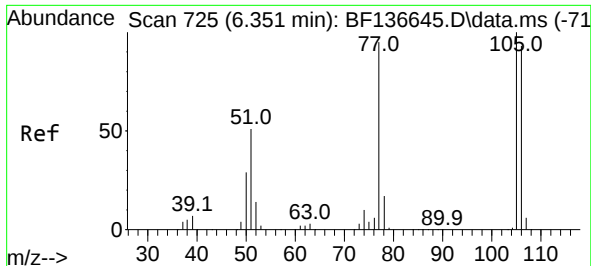
Tgt Ion: 99 Resp: 545551
Ion Ratio Lower Upper
99 100
42 19.4 16.1 24.1
71 33.0 27.4 41.2



#8
2-Chlorophenol
Concen: 40.552 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF136796.D
Acq: 28 Dec 2023 16:39

Tgt Ion:128 Resp: 235520
Ion Ratio Lower Upper
128 100
130 32.3 11.3 51.3
64 49.7 32.5 72.5





#9

Benzaldehyde

Concen: 39.039 ng

RT: 6.340 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF136796.D

Acq: 28 Dec 2023 16:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

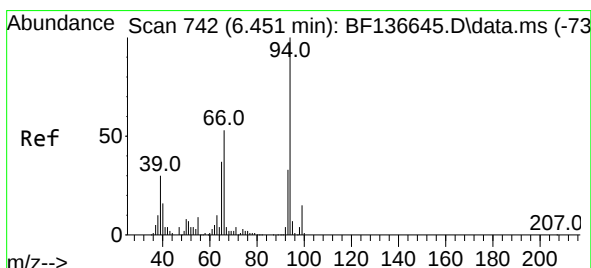
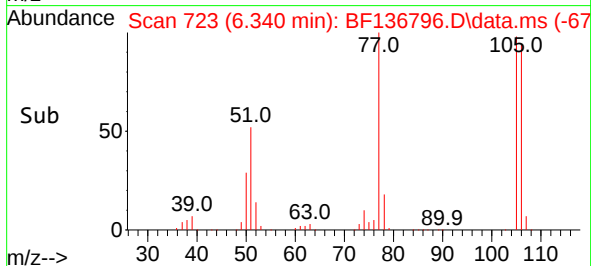
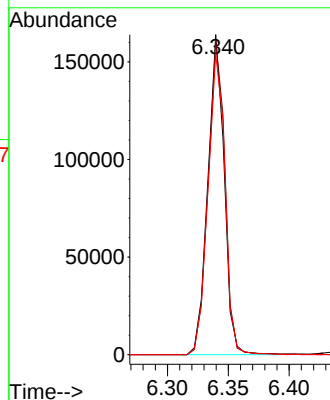
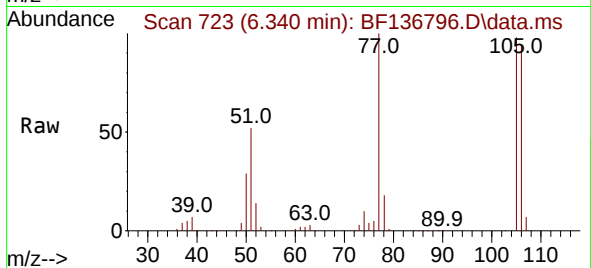
Tgt Ion: 77 Resp: 152703

Ion Ratio Lower Upper

77 100

105 98.3 84.8 124.8

106 93.9 77.8 117.8



#10

Phenol

Concen: 39.511 ng

RT: 6.445 min Scan# 741

Delta R.T. -0.006 min

Lab File: BF136796.D

Acq: 28 Dec 2023 16:39

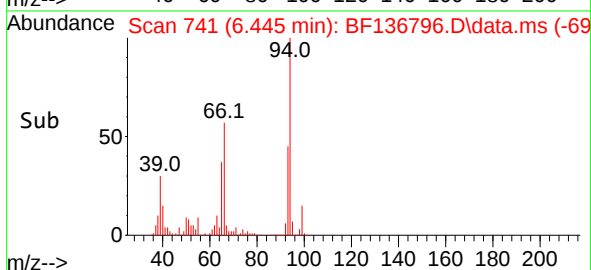
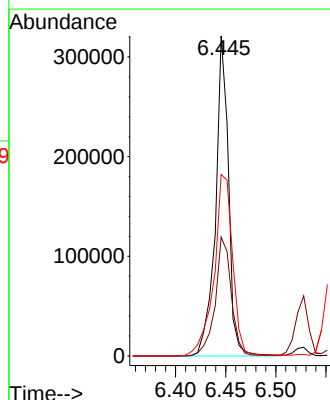
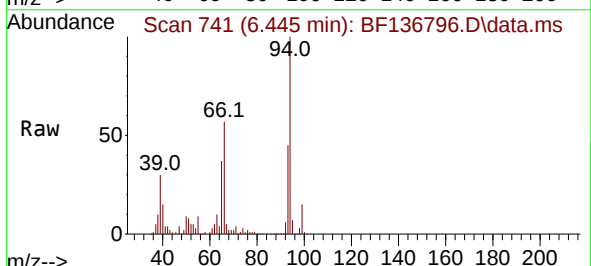
Tgt Ion: 94 Resp: 290054

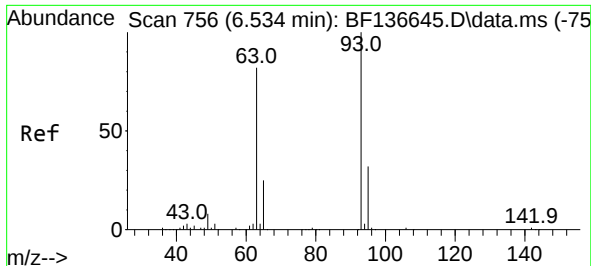
Ion Ratio Lower Upper

94 100

65 37.2 16.6 56.6

66 56.7 32.6 72.6





#11

bis(2-Chloroethyl)ether

Concen: 39.263 ng

RT: 6.528 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF136796.D

Acq: 28 Dec 2023 16:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

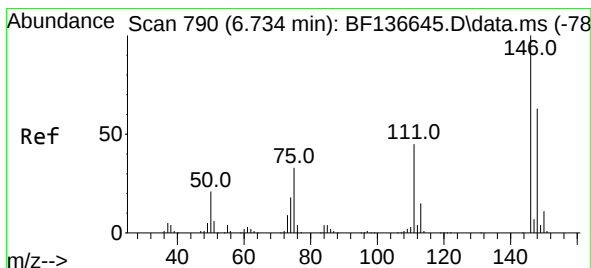
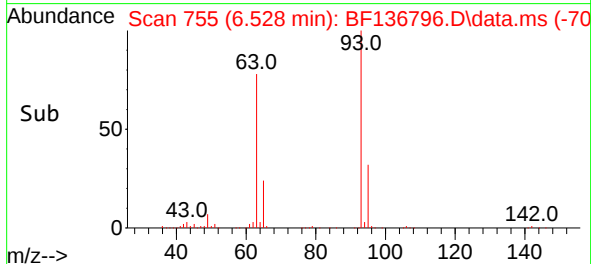
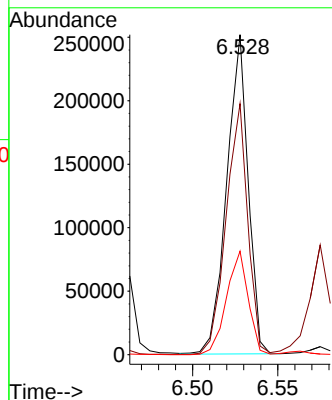
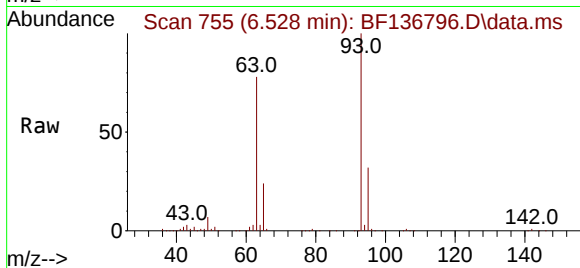
Tgt Ion: 93 Resp: 219201

Ion Ratio Lower Upper

93 100

63 78.5 61.2 101.2

95 32.4 11.6 51.6



#12

1,3-Dichlorobenzene

Concen: 40.552 ng

RT: 6.728 min Scan# 789

Delta R.T. -0.006 min

Lab File: BF136796.D

Acq: 28 Dec 2023 16:39

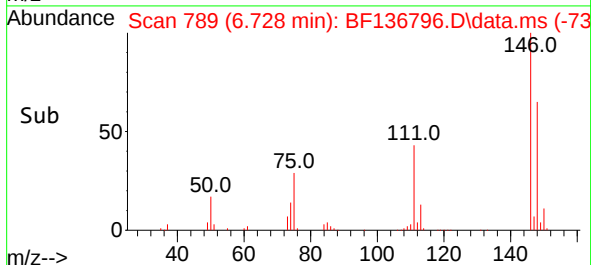
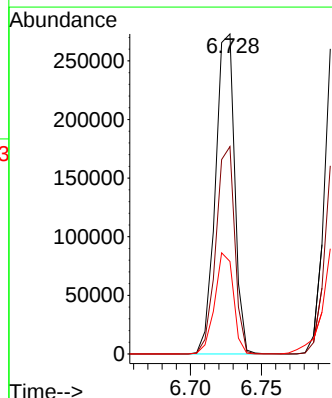
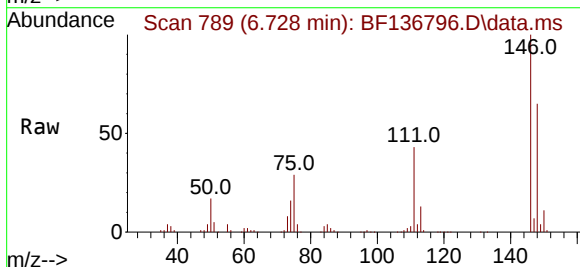
Tgt Ion: 146 Resp: 256931

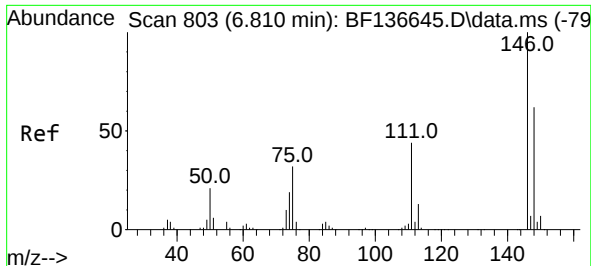
Ion Ratio Lower Upper

146 100

148 64.8 50.5 75.7

75 28.9 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 40.235 ng

RT: 6.804 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF136796.D

Acq: 28 Dec 2023 16:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

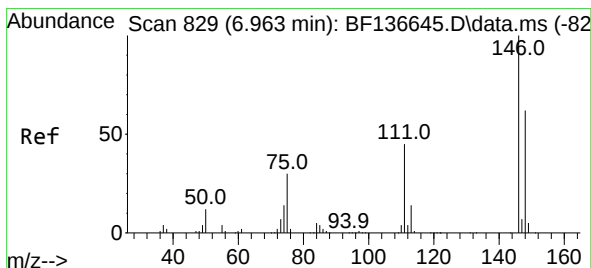
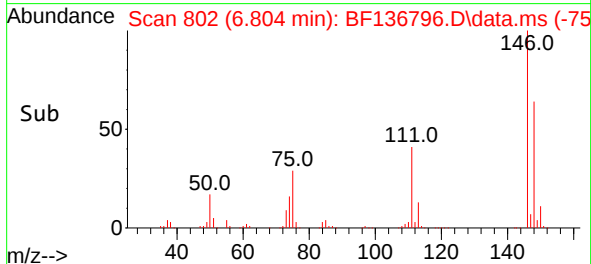
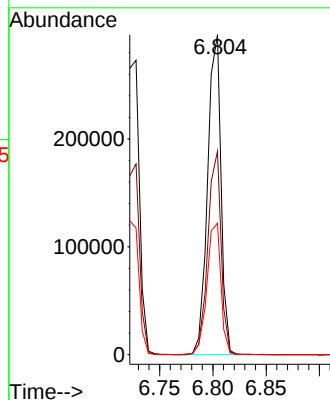
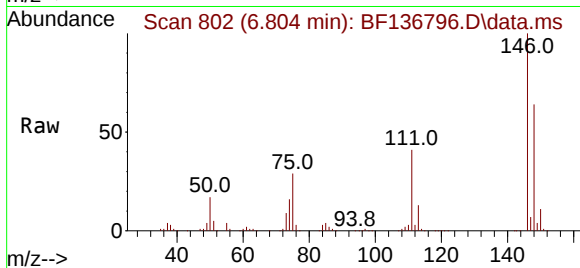
Tgt Ion:146 Resp: 260473

Ion Ratio Lower Upper

146 100

148 63.6 49.2 73.8

111 41.1 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 40.063 ng

RT: 6.951 min Scan# 827

Delta R.T. -0.012 min

Lab File: BF136796.D

Acq: 28 Dec 2023 16:39

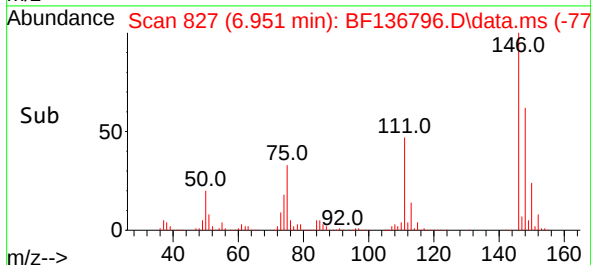
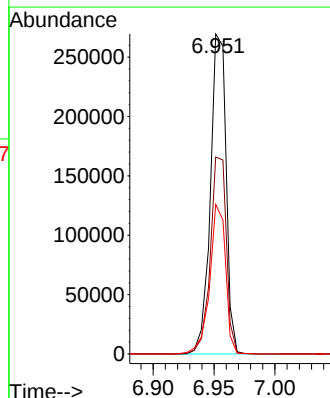
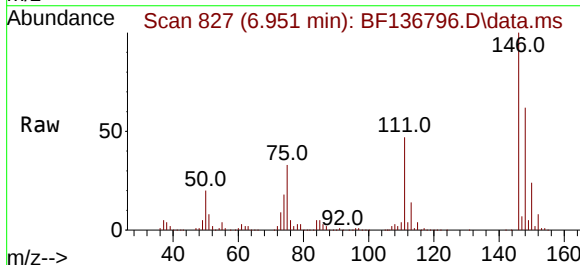
Tgt Ion:146 Resp: 241339

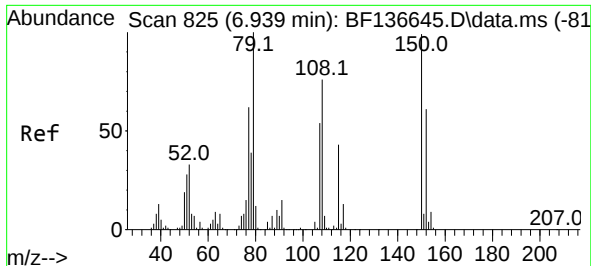
Ion Ratio Lower Upper

146 100

148 61.6 49.6 74.4

111 46.7 36.2 54.2

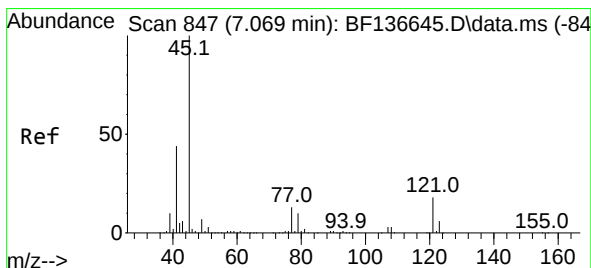
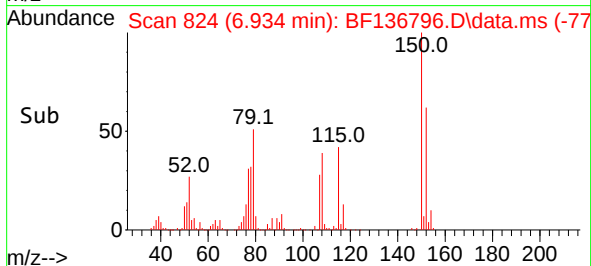
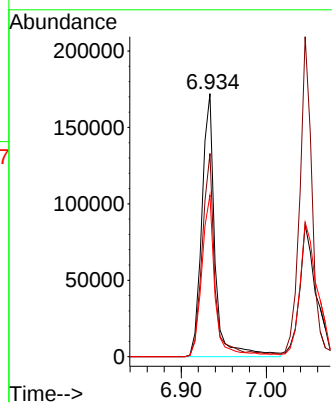
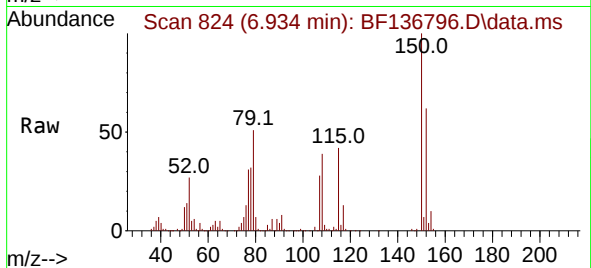




#15
Benzyl Alcohol
Concen: 39.918 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136796.D
Acq: 28 Dec 2023 16:39

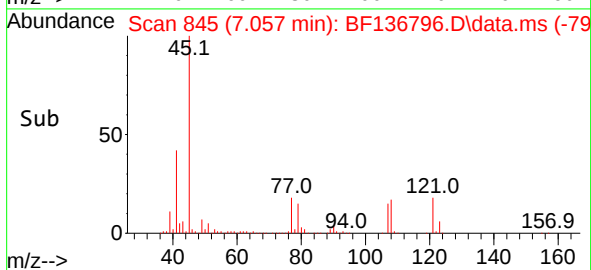
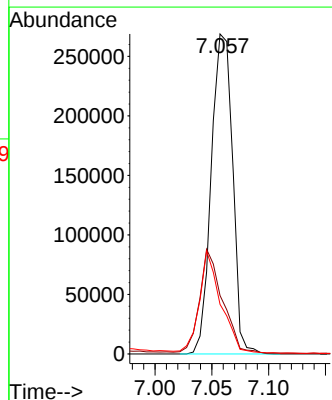
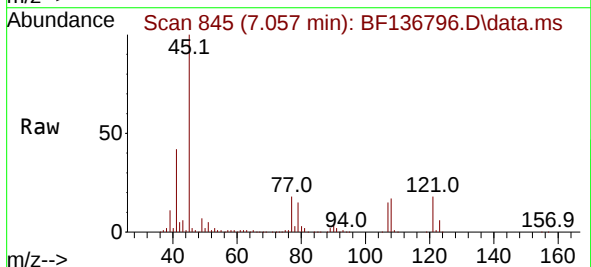
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

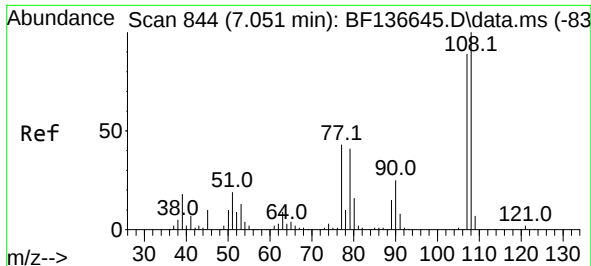
Tgt Ion: 79 Resp: 185198
Ion Ratio Lower Upper
79 100
108 77.2 61.0 91.6
77 61.4 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.479 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF136796.D
Acq: 28 Dec 2023 16:39

Tgt Ion: 45 Resp: 351216
Ion Ratio Lower Upper
45 100
77 18.2 0.0 34.3
79 15.5 0.0 31.4

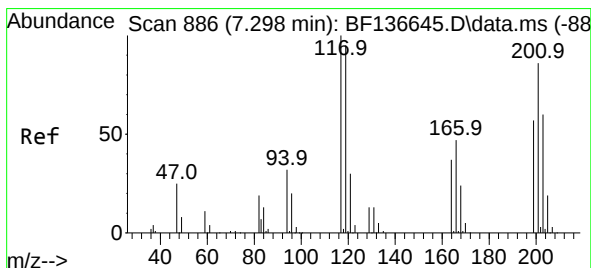
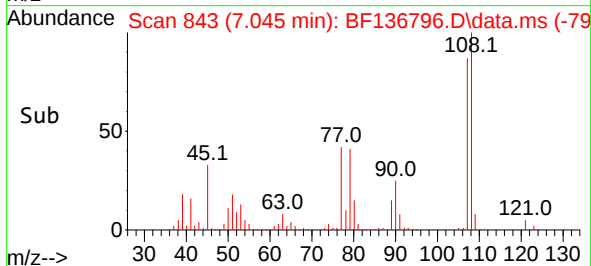
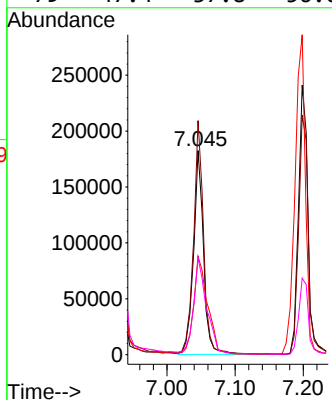
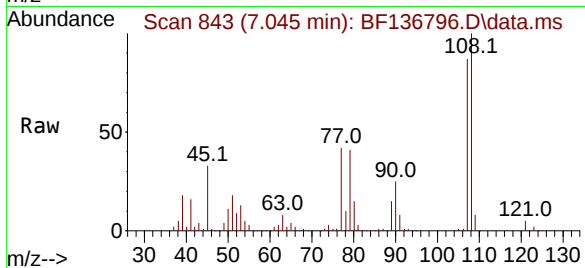




#17
2-Methylphenol
Concen: 38.826 ng
RT: 7.045 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF136796.D
Acq: 28 Dec 2023 16:39

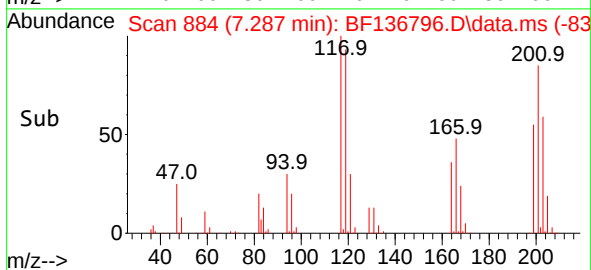
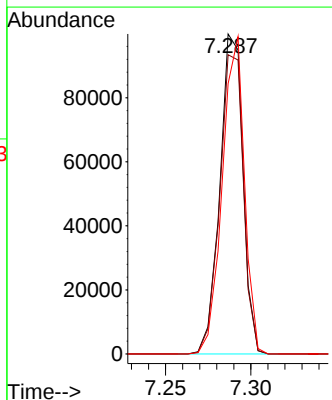
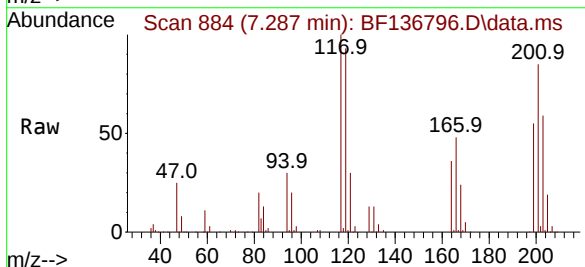
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

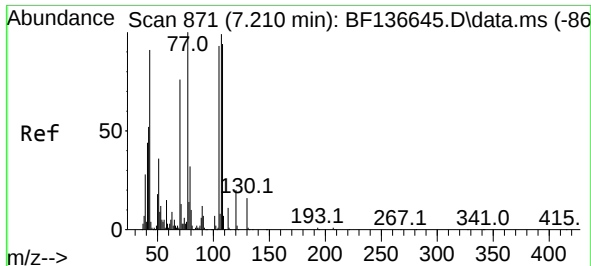
Tgt Ion:	107	Resp:	186808
Ion	Ratio	Lower	Upper
107	100		
108	114.6	90.3	135.5
77	48.2	38.7	58.1
79	47.4	37.8	56.6



#18
Hexachloroethane
Concen: 40.188 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF136796.D
Acq: 28 Dec 2023 16:39

Tgt Ion:	117	Resp:	94486
Ion	Ratio	Lower	Upper
117	100		
119	93.5	75.8	113.6
201	84.5	69.1	103.7

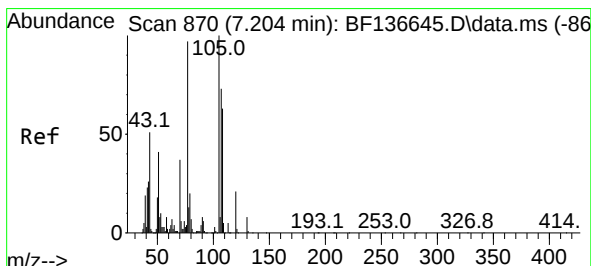
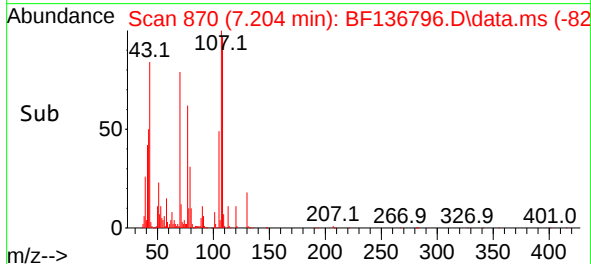
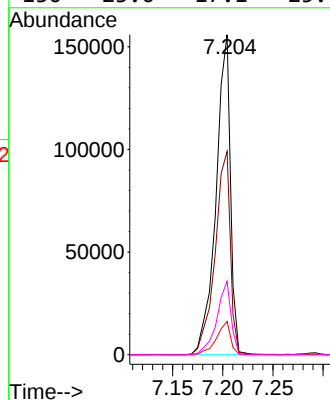
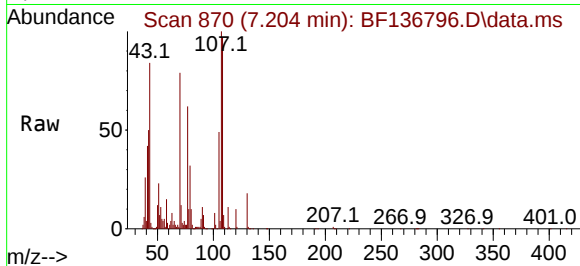




#19
n-Nitroso-di-n-propylamine
Concen: 37.442 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136796.D
Acq: 28 Dec 2023 16:39

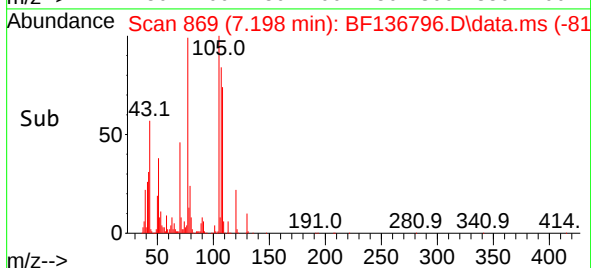
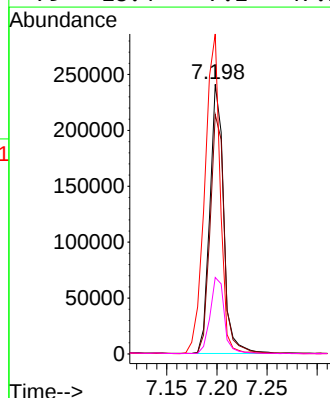
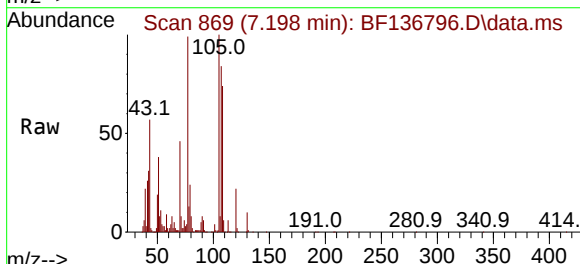
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

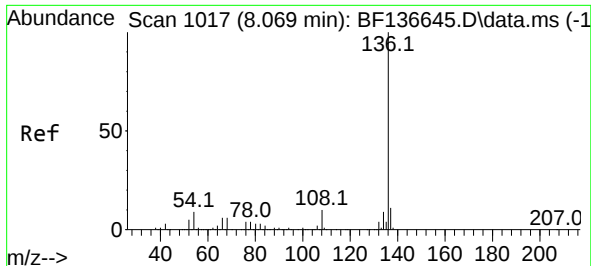
Tgt Ion: 70 Resp: 156084
Ion Ratio Lower Upper
70 100
42 63.5 54.2 81.4
101 10.4 7.6 11.4
130 23.0 17.1 25.7



#20
3+4-Methylphenols
Concen: 38.573 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF136796.D
Acq: 28 Dec 2023 16:39

Tgt Ion: 107 Resp: 231860
Ion Ratio Lower Upper
107 100
108 88.8 66.0 106.0
77 118.7 114.2 154.2
79 28.4 7.2 47.2

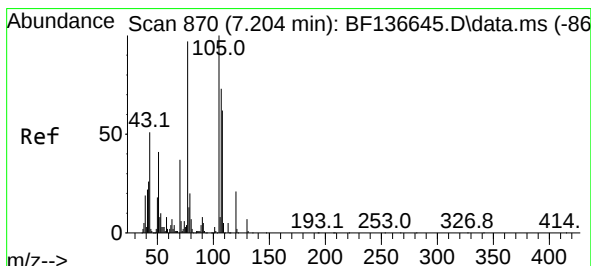
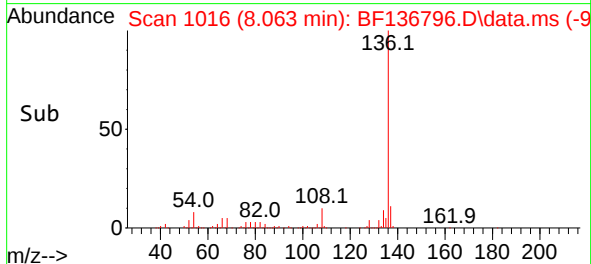
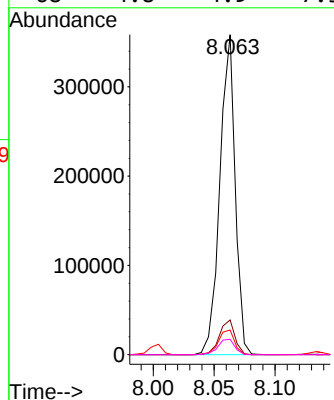
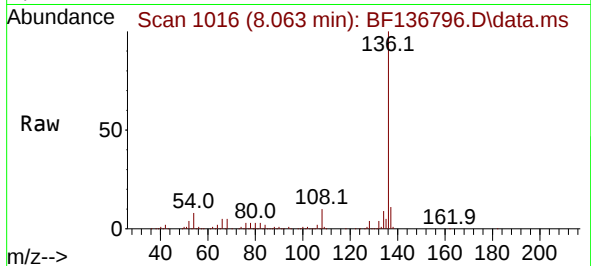




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF136796.D
Acq: 28 Dec 2023 16:39

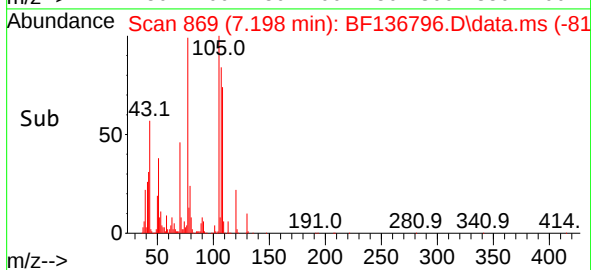
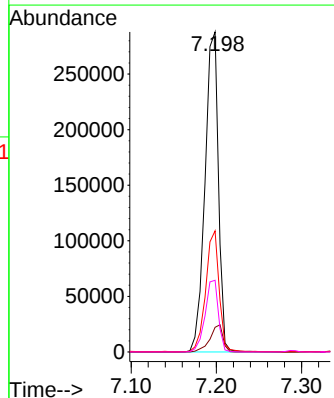
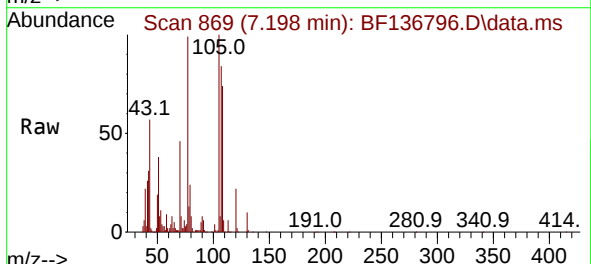
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

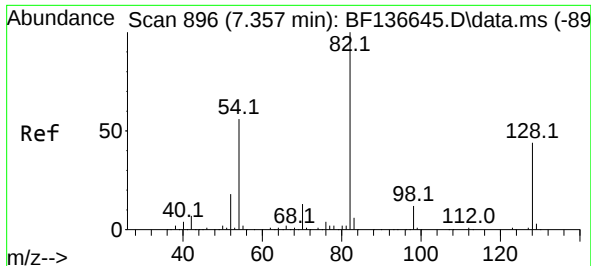
Tgt Ion:136	Resp:	314190
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.0 13.4
54	7.7	7.2 10.8
68	4.8	4.9 7.3



#22
Acetophenone
Concen: 40.079 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF136796.D
Acq: 28 Dec 2023 16:39

Tgt Ion:105	Resp:	315627
Ion Ratio	Lower	Upper
105	100	
71	7.7	4.8 7.2
51	37.9	32.8 49.2
120	22.4	17.0 25.6





#23

Nitrobenzene-d5

Concen: 79.380 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF136796.D

Acq: 28 Dec 2023 16:39

Instrument :

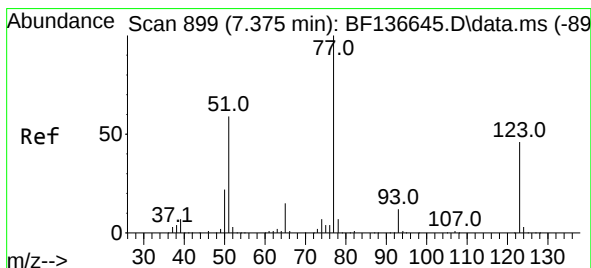
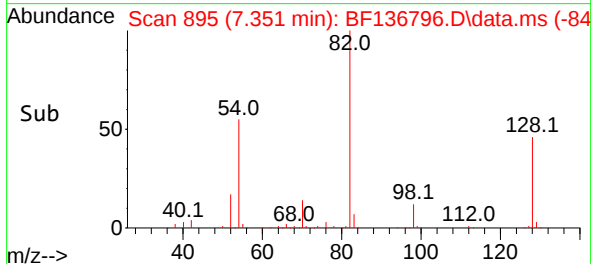
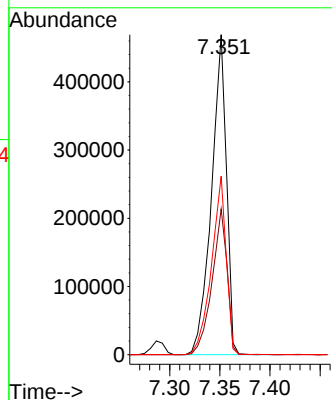
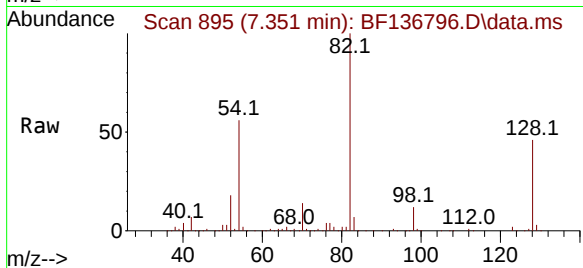
BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 487394

Ion	Ratio	Lower	Upper
82	100		
128	45.5	35.3	52.9
54	55.7	44.5	66.7



#24

Nitrobenzene

Concen: 40.348 ng

RT: 7.369 min Scan# 898

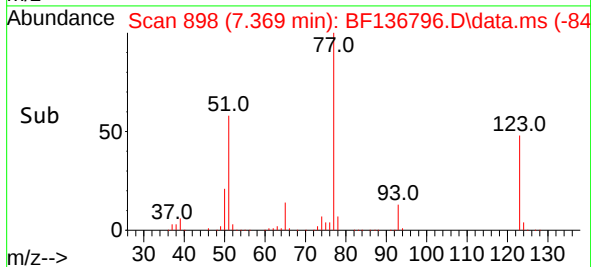
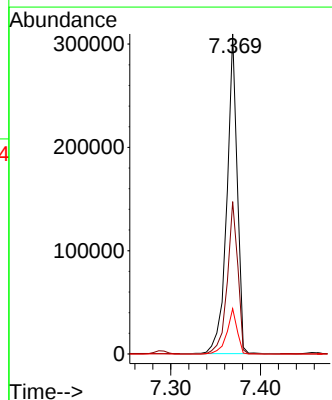
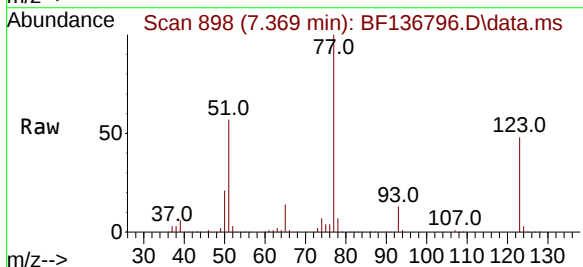
Delta R.T. -0.006 min

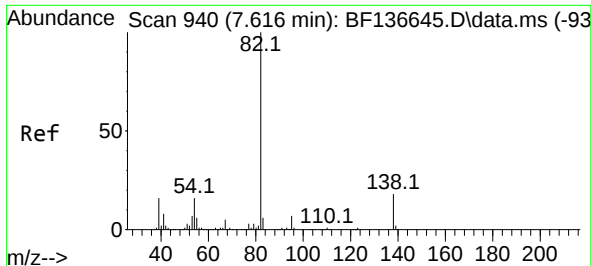
Lab File: BF136796.D

Acq: 28 Dec 2023 16:39

Tgt Ion: 77 Resp: 248165

Ion	Ratio	Lower	Upper
77	100		
123	47.6	36.7	55.1
65	14.2	11.8	17.6

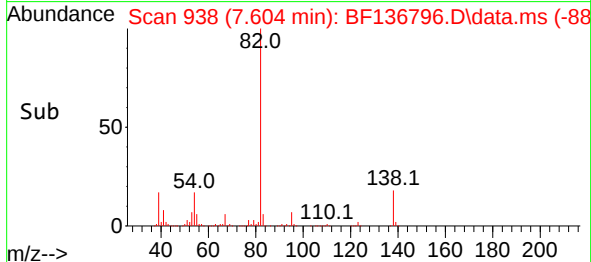
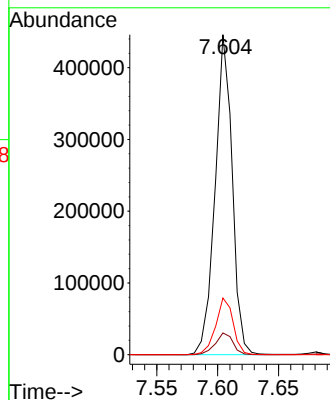
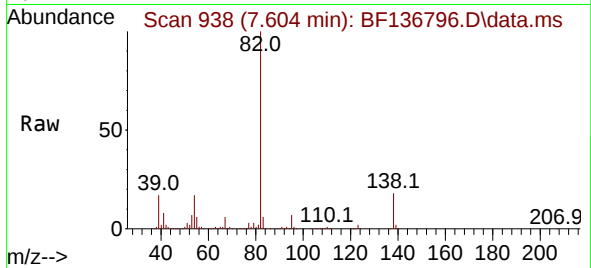




#25
Isophorone
Concen: 39.109 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF136796.D
Acq: 28 Dec 2023 16:39

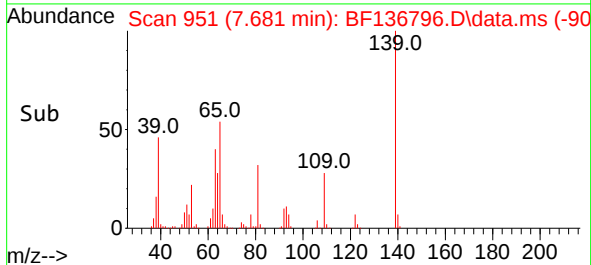
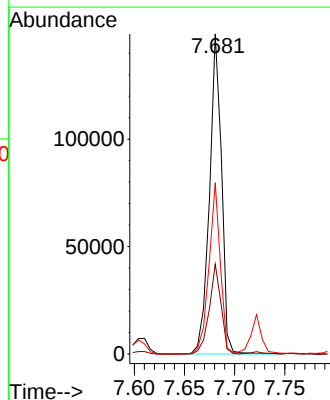
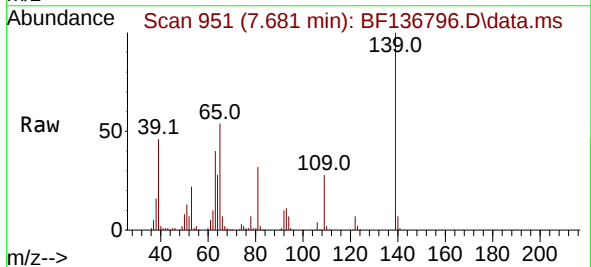
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

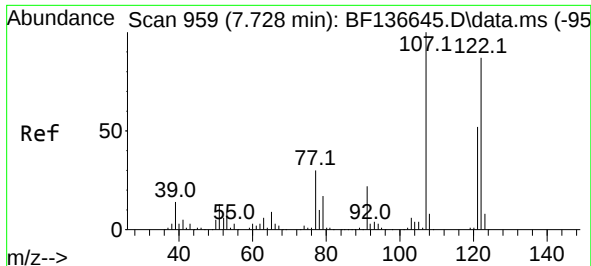
Tgt Ion: 82 Resp: 436939
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 17.7 14.5 21.7



#26
2-Nitrophenol
Concen: 42.439 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.012 min
Lab File: BF136796.D
Acq: 28 Dec 2023 16:39

Tgt Ion:139 Resp: 124886
Ion Ratio Lower Upper
139 100
109 28.1 21.9 32.9
65 53.5 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 39.914 ng

RT: 7.722 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF136796.D

Acq: 28 Dec 2023 16:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

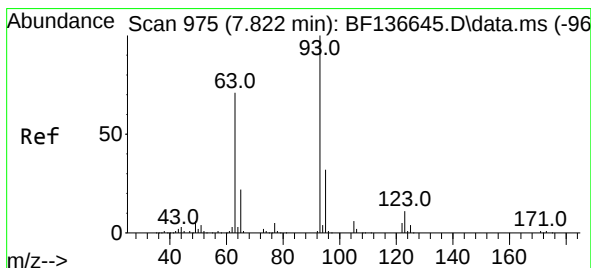
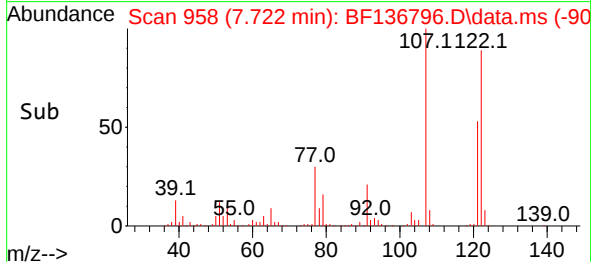
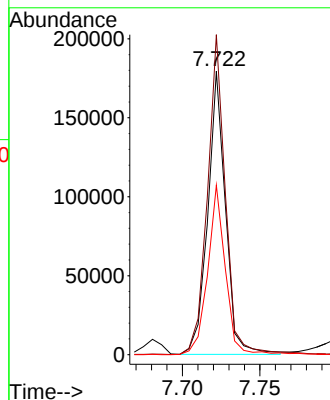
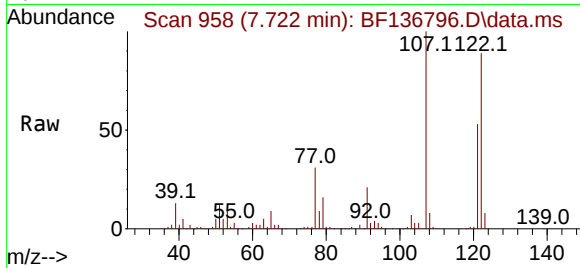
Tgt Ion:122 Resp: 142997

Ion Ratio Lower Upper

122 100

107 112.9 92.0 138.0

121 59.8 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 40.127 ng

RT: 7.816 min Scan# 974

Delta R.T. -0.006 min

Lab File: BF136796.D

Acq: 28 Dec 2023 16:39

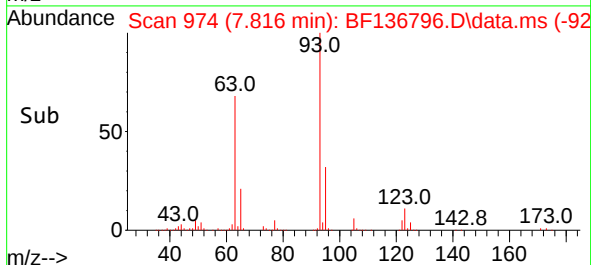
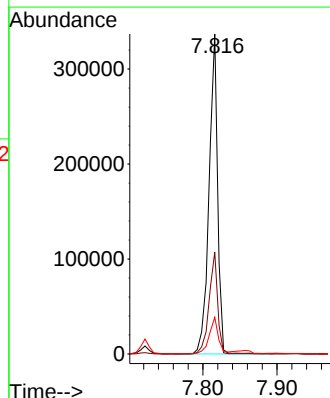
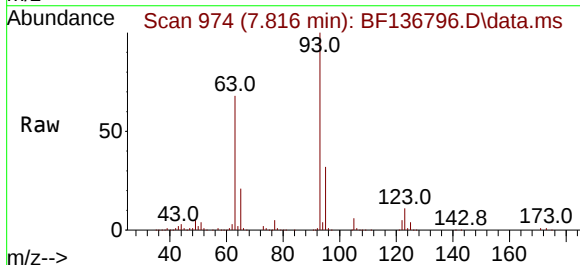
Tgt Ion: 93 Resp: 272505

Ion Ratio Lower Upper

93 100

95 31.8 25.5 38.3

123 11.4 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 40.686 ng

RT: 7.928 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF136796.D

Acq: 28 Dec 2023 16:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

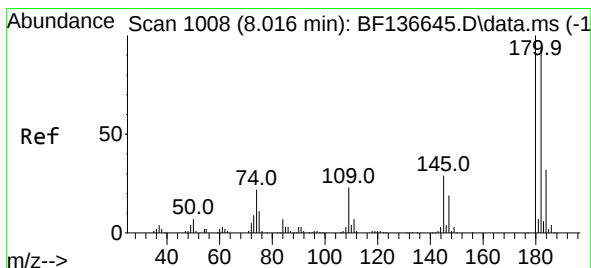
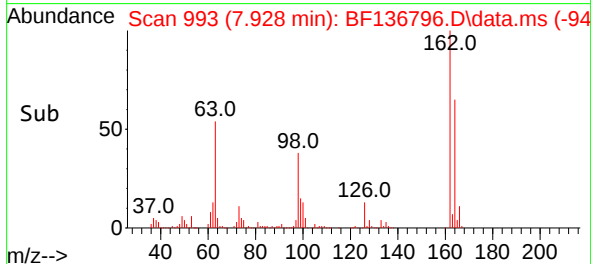
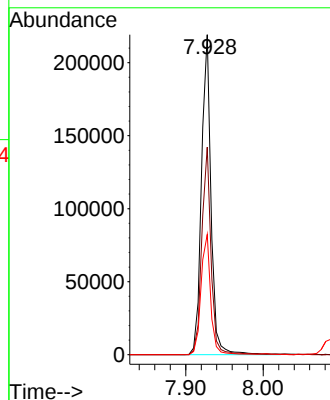
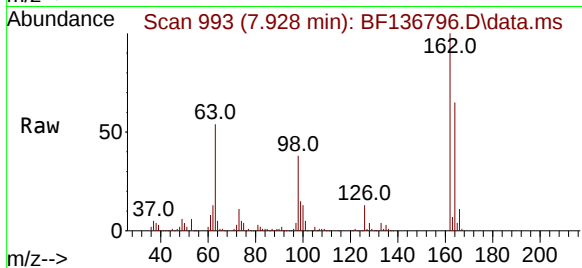
Tgt Ion:162 Resp: 187659

Ion Ratio Lower Upper

162 100

164 64.9 41.7 81.7

98 37.5 19.5 59.5



#30

1,2,4-Trichlorobenzene

Concen: 41.382 ng

RT: 8.004 min Scan# 1006

Delta R.T. -0.012 min

Lab File: BF136796.D

Acq: 28 Dec 2023 16:39

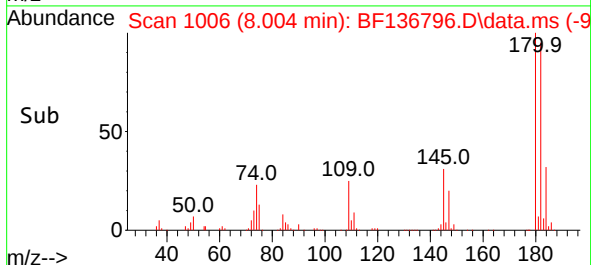
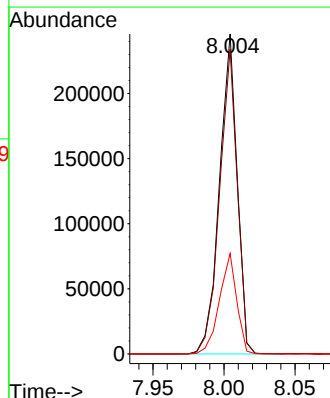
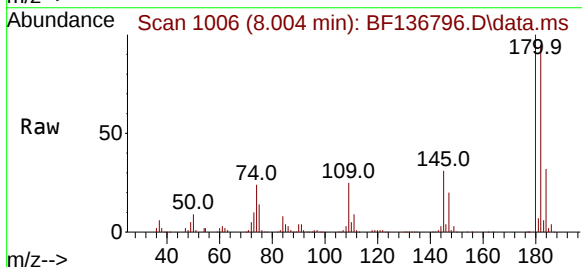
Tgt Ion:180 Resp: 212664

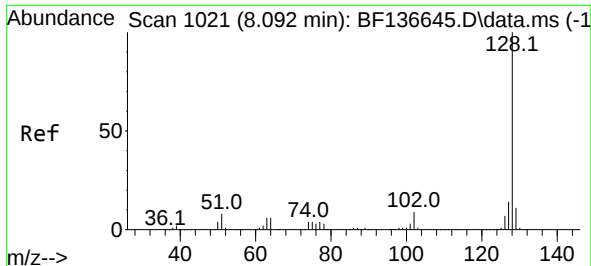
Ion Ratio Lower Upper

180 100

182 95.2 75.4 113.0

145 31.4 23.1 34.7

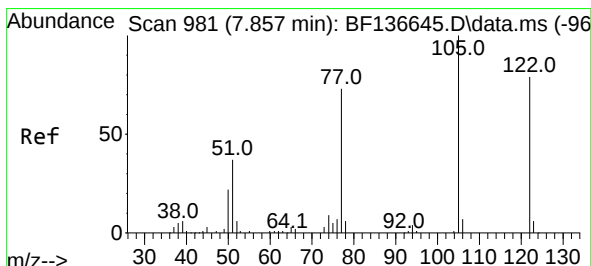
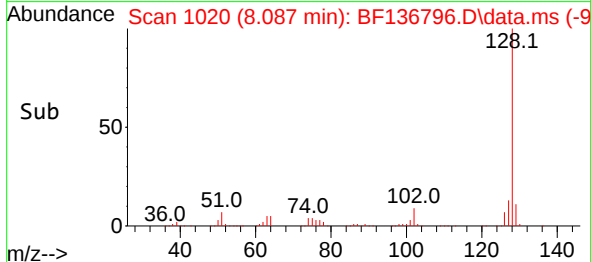
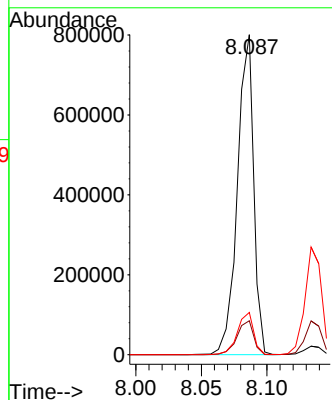
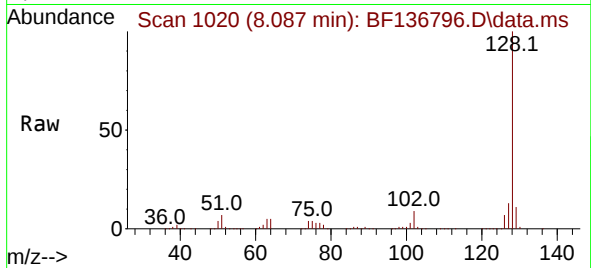




#31
Naphthalene
Concen: 40.139 ng
RT: 8.087 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF136796.D
Acq: 28 Dec 2023 16:39

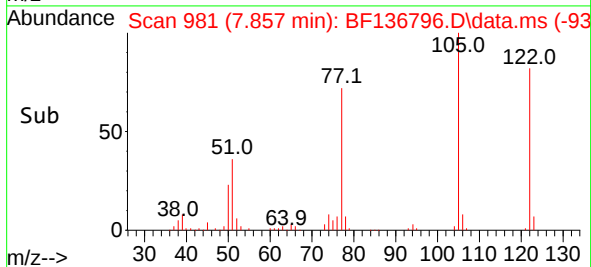
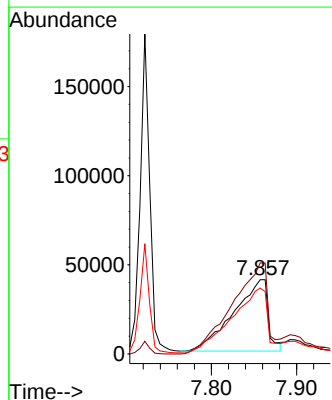
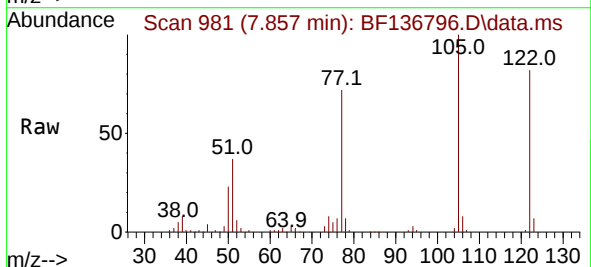
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

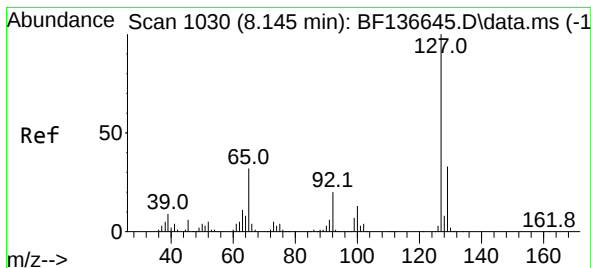
Tgt Ion:128 Resp: 692821
Ion Ratio Lower Upper
128 100
129 10.6 8.7 13.1
127 13.2 10.8 16.2



#32
Benzoic acid
Concen: 32.621 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF136796.D
Acq: 28 Dec 2023 16:39

Tgt Ion:122 Resp: 113080
Ion Ratio Lower Upper
122 100
105 122.5 100.8 140.8
77 88.8 70.9 110.9





#33

4-Chloroaniline

Concen: 38.577 ng

RT: 8.134 min Scan# 1028

Delta R.T. -0.012 min

Lab File: BF136796.D

Acq: 28 Dec 2023 16:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 245852

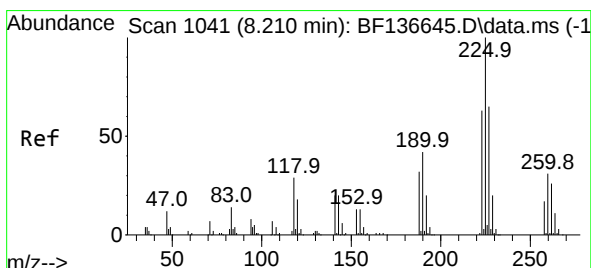
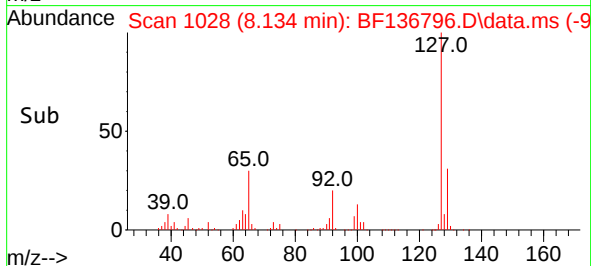
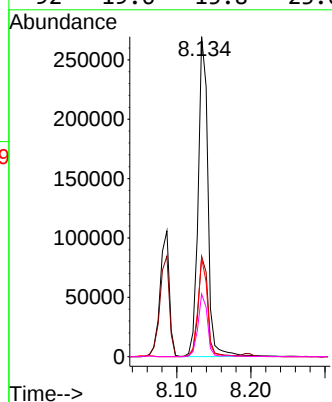
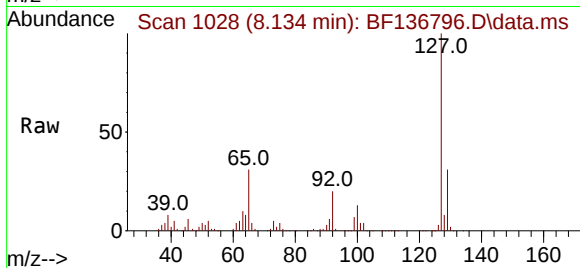
Ion Ratio Lower Upper

127 100

129 31.3 26.3 39.5

65 30.9 25.8 38.8

92 19.6 15.8 23.6



#34

Hexachlorobutadiene

Concen: 41.208 ng

RT: 8.198 min Scan# 1039

Delta R.T. -0.012 min

Lab File: BF136796.D

Acq: 28 Dec 2023 16:39

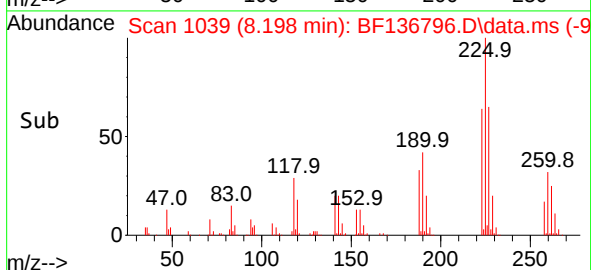
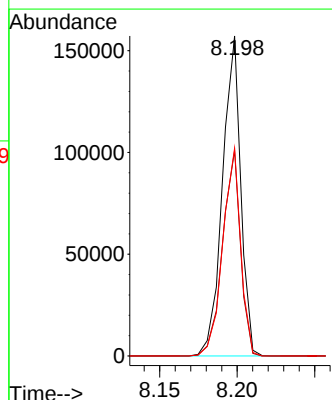
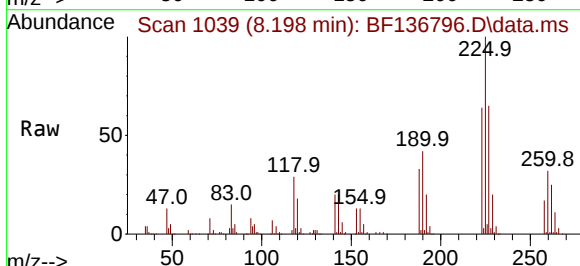
Tgt Ion:225 Resp: 128663

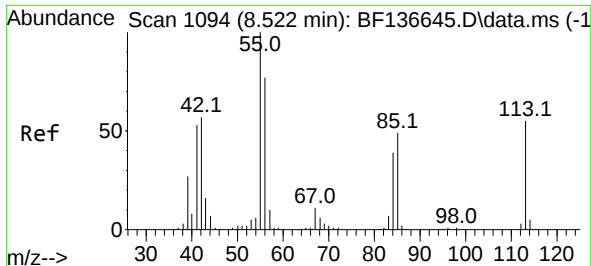
Ion Ratio Lower Upper

225 100

223 64.2 50.6 76.0

227 64.9 51.9 77.9

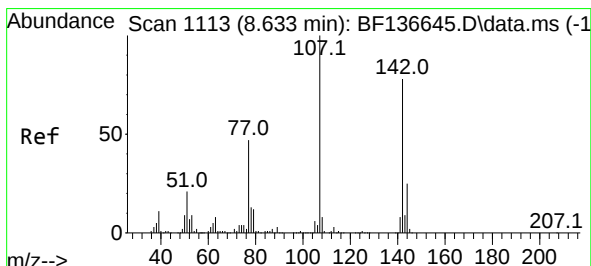
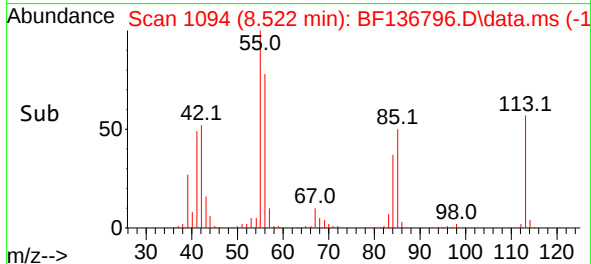
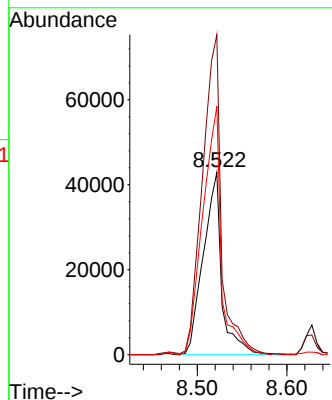
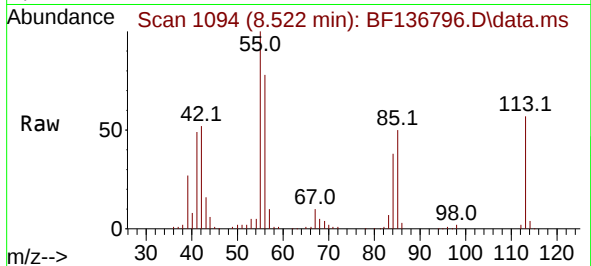




#35
 Caprolactam
 Concen: 40.187 ng
 RT: 8.522 min Scan# 1112
 Delta R.T. 0.000 min
 Lab File: BF136796.D
 Acq: 28 Dec 2023 16:39

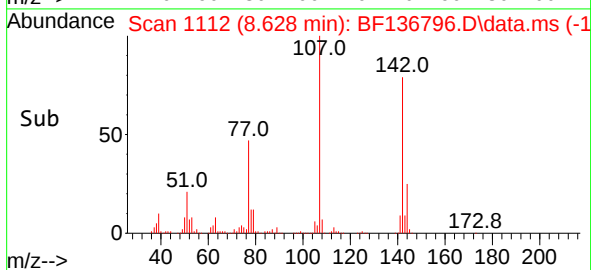
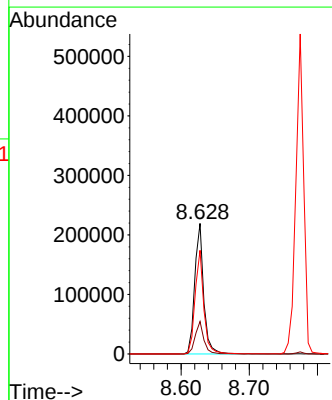
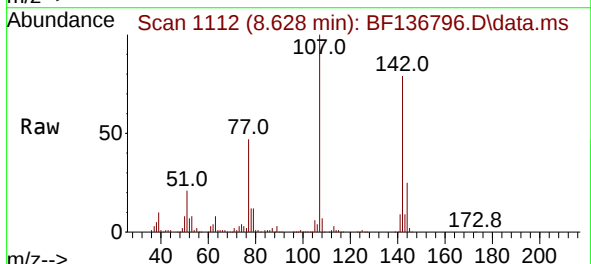
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

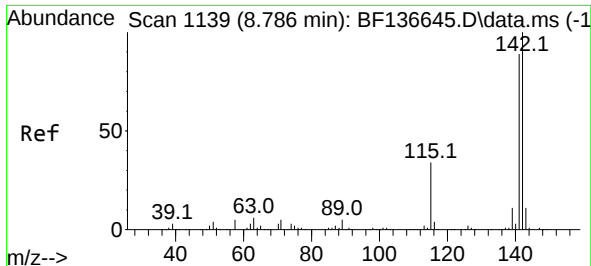
Tgt Ion:113 Resp: 61148
 Ion Ratio Lower Upper
 113 100
 55 175.6 163.1 203.1
 56 136.3 121.7 161.7



#36
 4-Chloro-3-methylphenol
 Concen: 38.350 ng
 RT: 8.628 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF136796.D
 Acq: 28 Dec 2023 16:39

Tgt Ion:107 Resp: 199133
 Ion Ratio Lower Upper
 107 100
 144 24.9 20.2 30.2
 142 79.5 62.3 93.5





#37

2-Methylnaphthalene

Concen: 39.094 ng

RT: 8.775 min Scan# 1137

Delta R.T. -0.012 min

Lab File: BF136796.D

Acq: 28 Dec 2023 16:39

Instrument :

BNA_F

ClientSampleId :

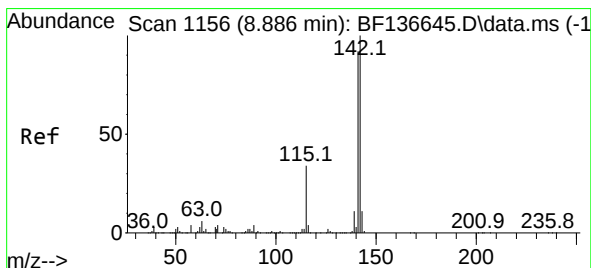
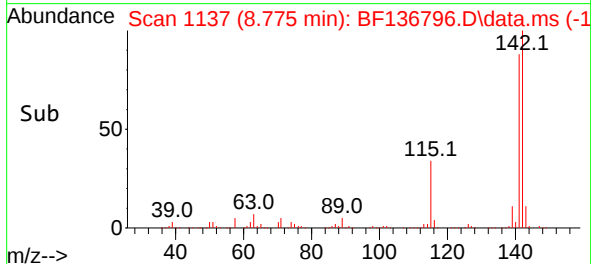
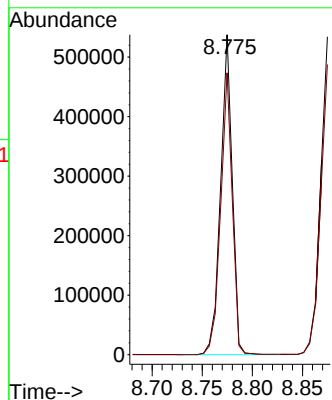
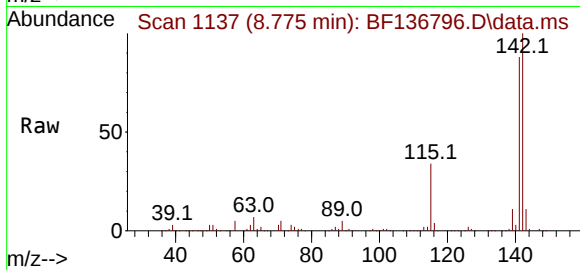
SSTDCCC040

Tgt Ion:142 Resp: 434271

Ion Ratio Lower Upper

142 100

141 88.1 71.1 106.7



#38

1-Methylnaphthalene

Concen: 38.948 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.012 min

Lab File: BF136796.D

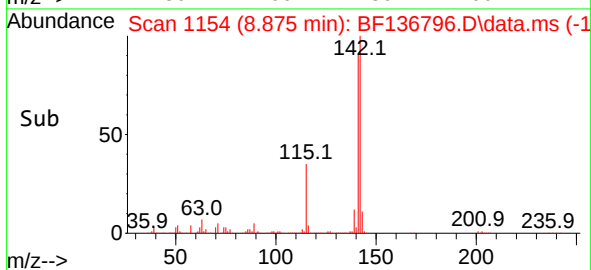
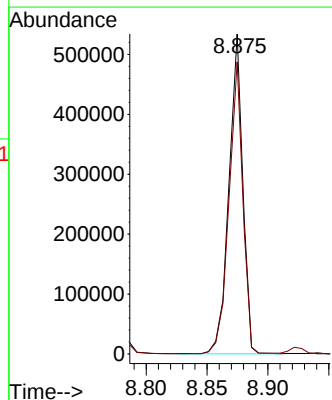
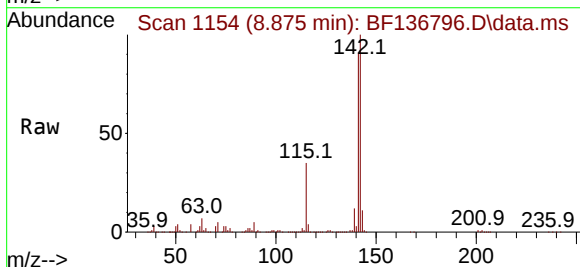
Acq: 28 Dec 2023 16:39

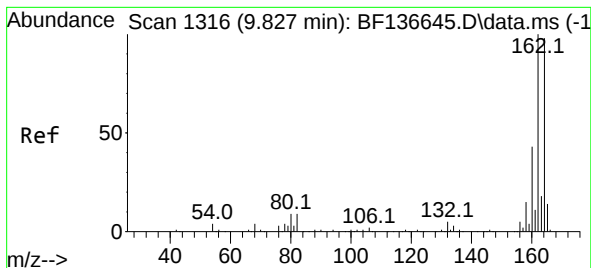
Tgt Ion:142 Resp: 424475

Ion Ratio Lower Upper

142 100

141 91.3 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF136796.D

Acq: 28 Dec 2023 16:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

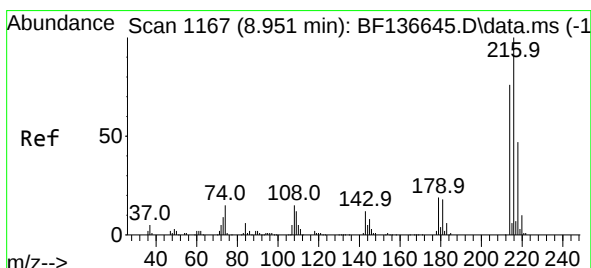
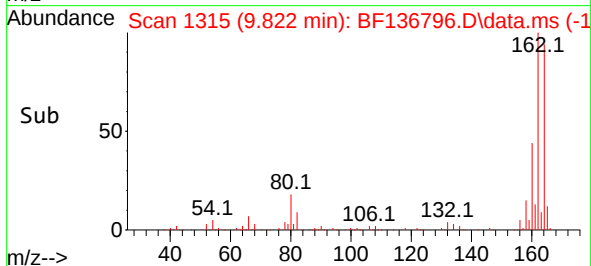
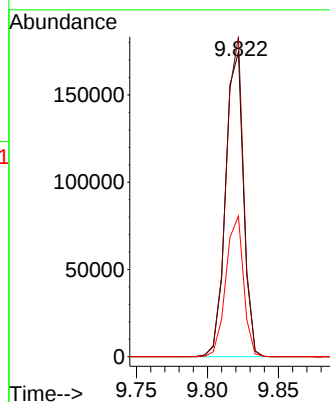
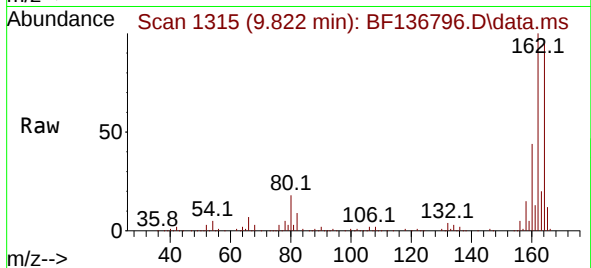
Tgt Ion:164 Resp: 152875

Ion Ratio Lower Upper

164 100

162 105.0 81.6 122.4

160 46.2 34.9 52.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.049 ng

RT: 8.939 min Scan# 1165

Delta R.T. -0.012 min

Lab File: BF136796.D

Acq: 28 Dec 2023 16:39

Tgt Ion:216 Resp: 203816

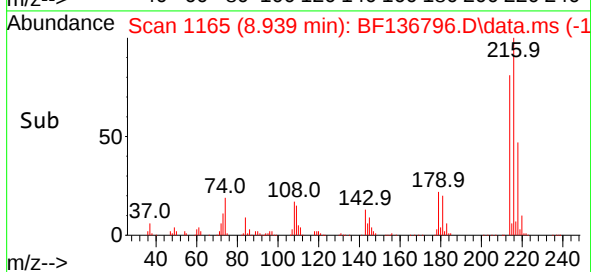
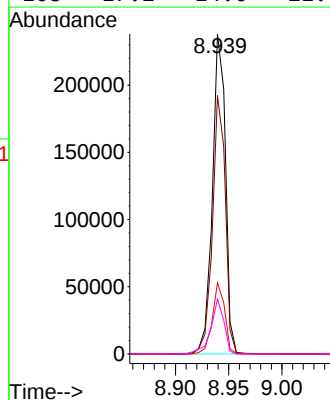
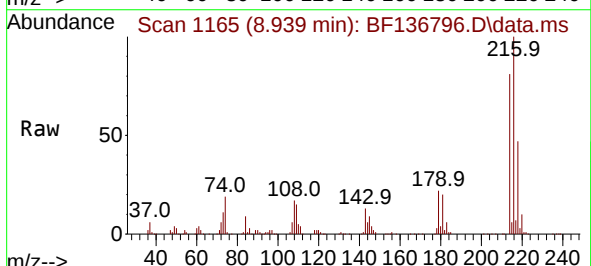
Ion Ratio Lower Upper

216 100

214 79.2 62.3 93.5

179 21.0 16.4 24.6

108 17.2 14.0 21.0

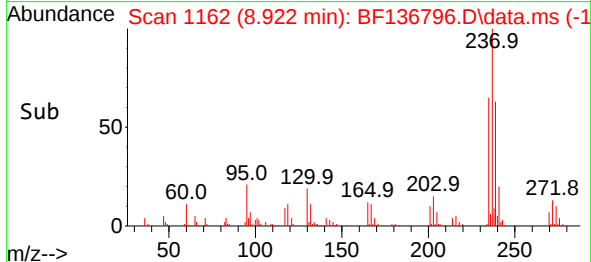
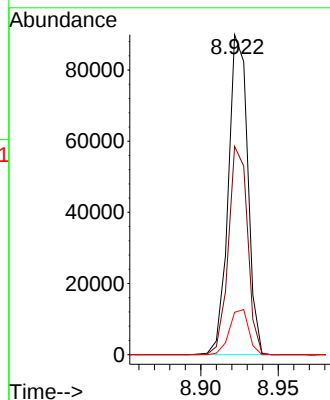
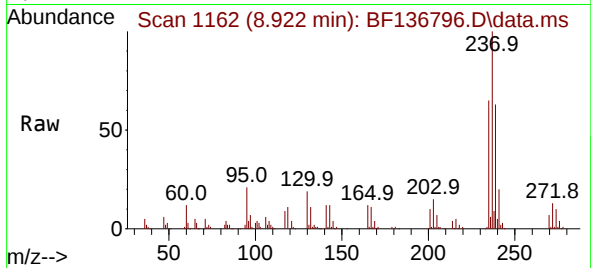




#41
Hexachlorocyclopentadiene
Concen: 53.558 ng
RT: 8.922 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BF136796.D
Acq: 28 Dec 2023 16:39

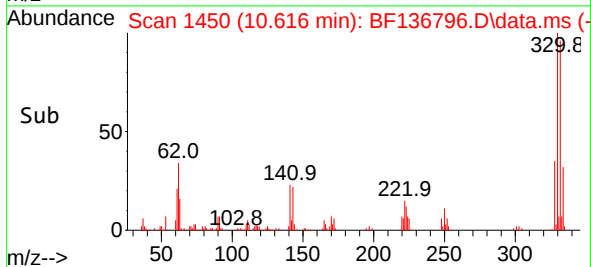
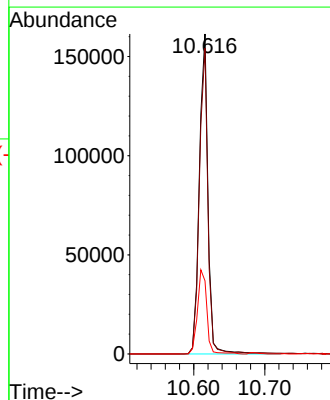
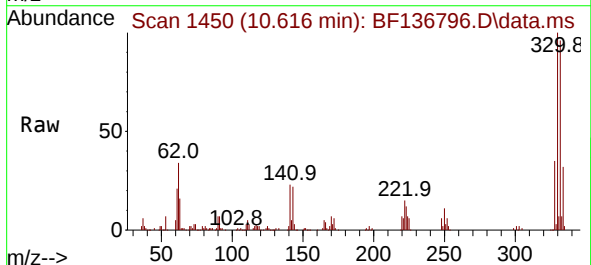
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 78246
Ion Ratio Lower Upper
237 100
235 65.1 43.2 83.2
272 13.3 0.0 34.2



#42
2,4,6-Tribromophenol
Concen: 76.125 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF136796.D
Acq: 28 Dec 2023 16:39

Tgt Ion:330 Resp: 137059
Ion Ratio Lower Upper
330 100
332 93.0 77.4 116.0
141 28.2 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 41.236 ng

RT: 9.057 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BF136796.D

Acq: 28 Dec 2023 16:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

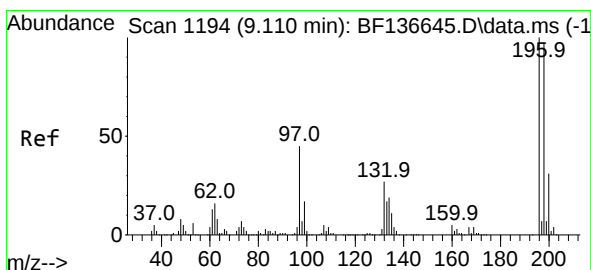
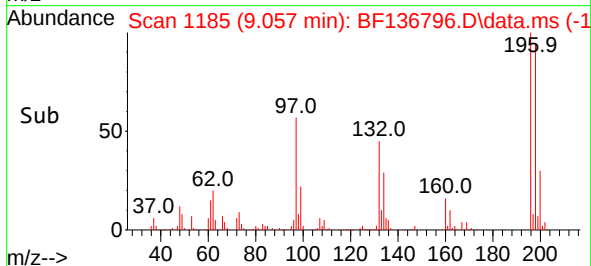
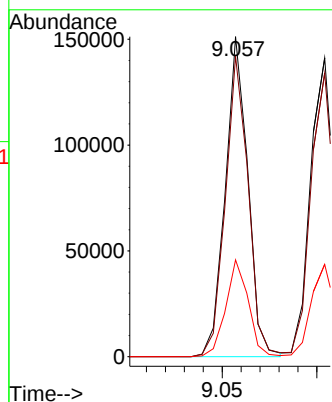
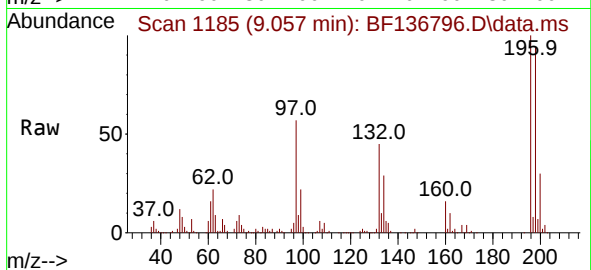
Tgt Ion:196 Resp: 125206

Ion Ratio Lower Upper

196 100

198 93.9 75.1 112.7

200 30.3 22.5 33.7



#44

2,4,5-Trichlorophenol

Concen: 40.228 ng

RT: 9.104 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF136796.D

Acq: 28 Dec 2023 16:39

Tgt Ion:196 Resp: 136113

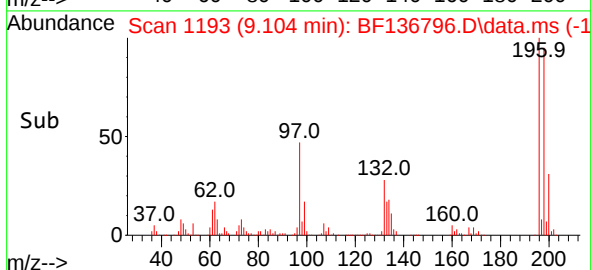
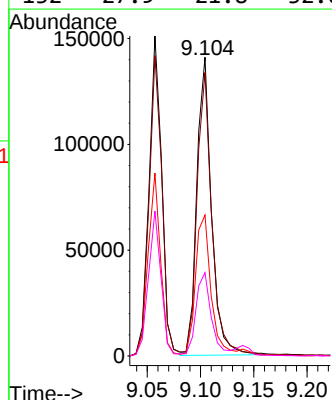
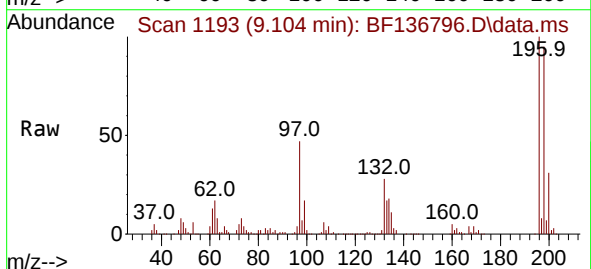
Ion Ratio Lower Upper

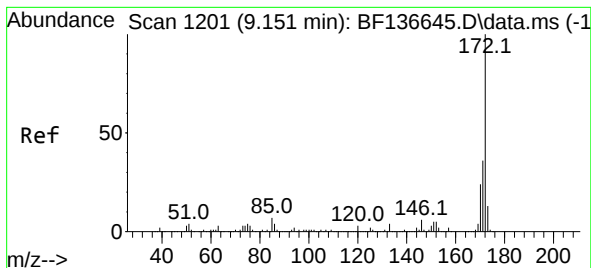
196 100

198 94.9 77.0 115.6

97 47.2 36.1 54.1

132 27.9 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 82.731 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136796.D

Acq: 28 Dec 2023 16:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

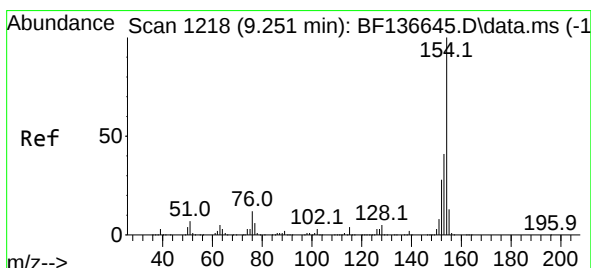
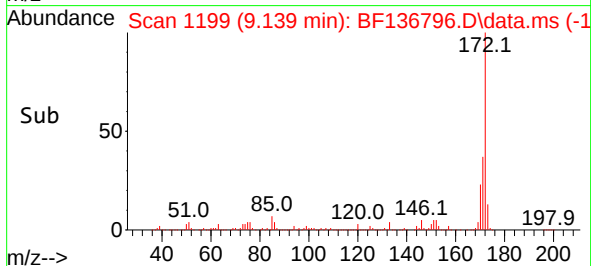
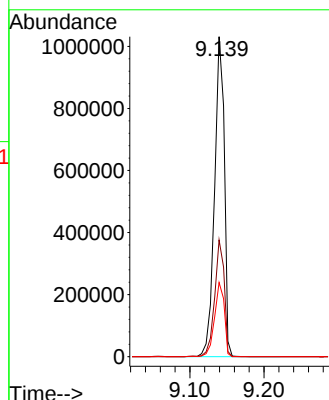
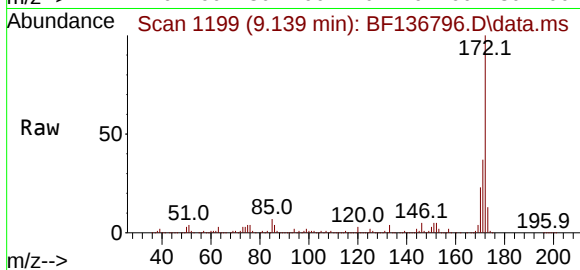
Tgt Ion:172 Resp: 940341

Ion Ratio Lower Upper

172 100

171 36.5 29.0 43.6

170 23.2 19.0 28.4



#46

1,1'-Biphenyl

Concen: 41.757 ng

RT: 9.239 min Scan# 1216

Delta R.T. -0.012 min

Lab File: BF136796.D

Acq: 28 Dec 2023 16:39

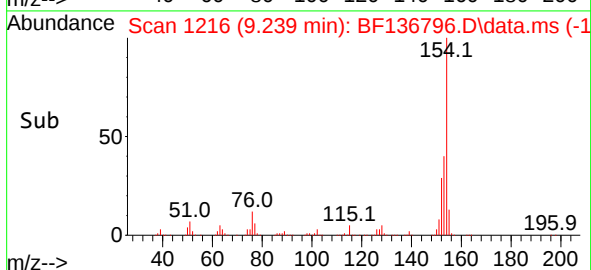
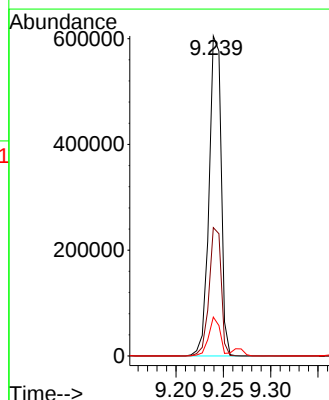
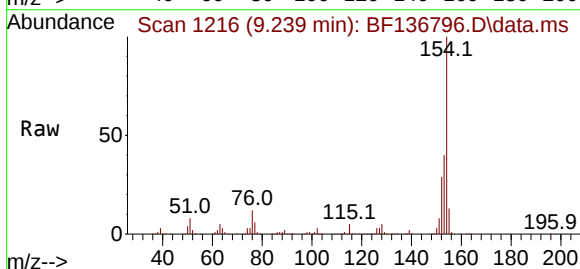
Tgt Ion:154 Resp: 535685

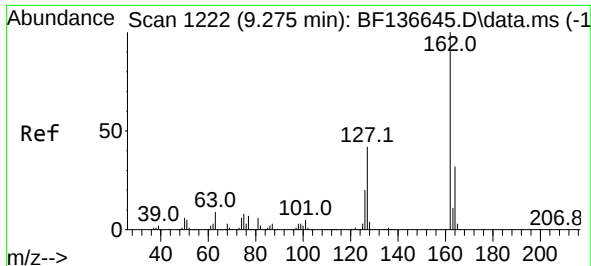
Ion Ratio Lower Upper

154 100

153 40.1 21.1 61.1

76 12.1 0.0 31.7





#47

2-Chloronaphthalene

Concen: 41.513 ng

RT: 9.269 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136796.D

Acq: 28 Dec 2023 16:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

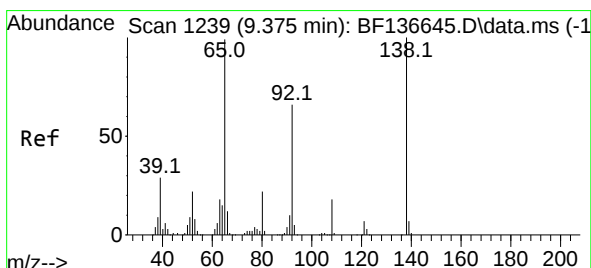
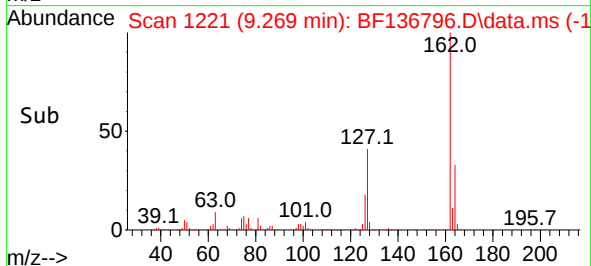
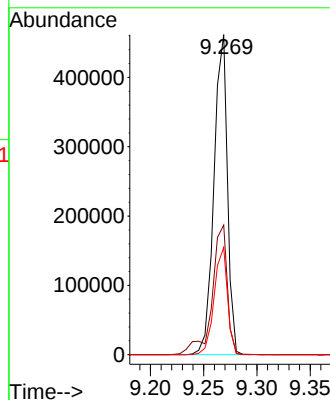
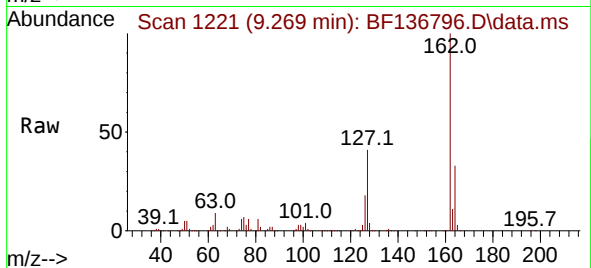
Tgt Ion:162 Resp: 404855

Ion Ratio Lower Upper

162 100

127 40.5 33.6 50.4

164 33.5 25.7 38.5



#48

2-Nitroaniline

Concen: 39.159 ng

RT: 9.369 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BF136796.D

Acq: 28 Dec 2023 16:39

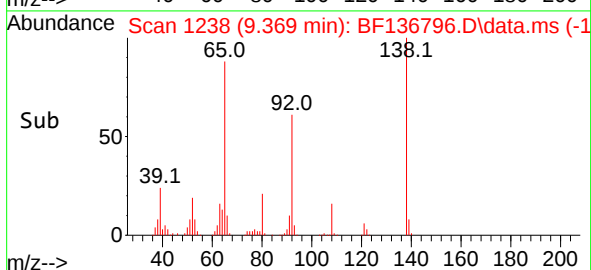
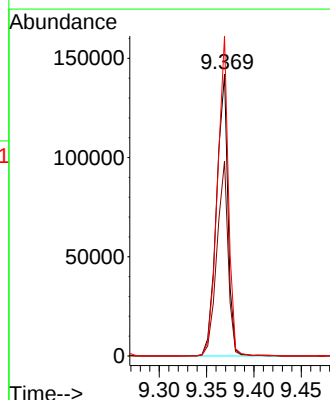
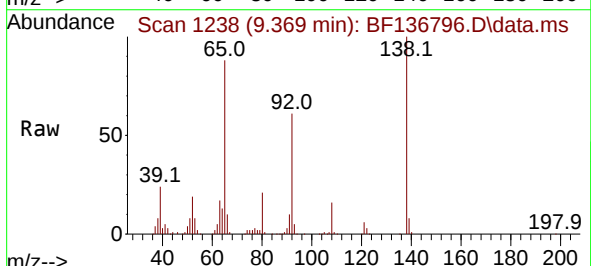
Tgt Ion: 65 Resp: 119591

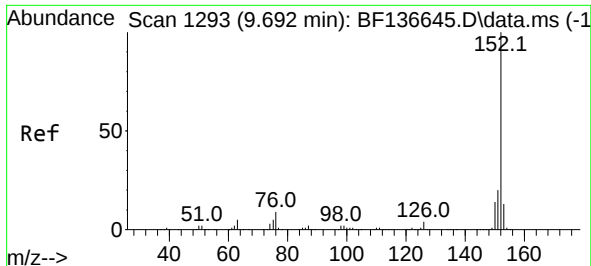
Ion Ratio Lower Upper

65 100

92 69.2 53.2 79.8

138 113.6 81.1 121.7





#49

Acenaphthylene

Concen: 40.432 ng

RT: 9.681 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136796.D

Acq: 28 Dec 2023 16:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

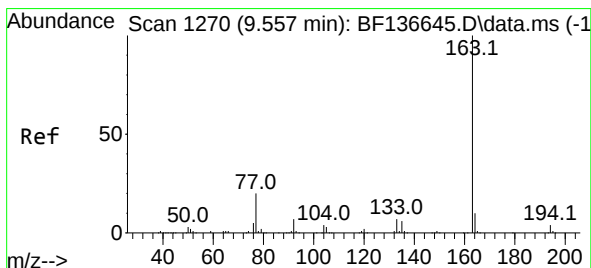
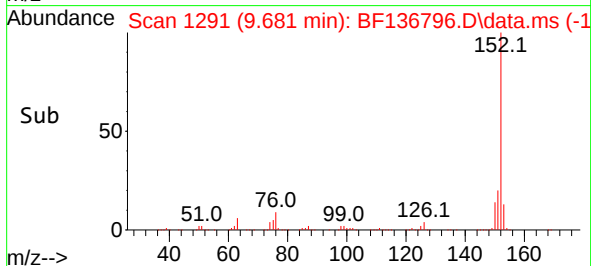
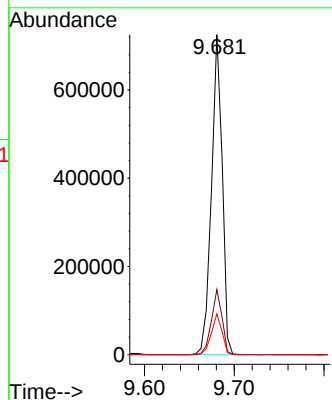
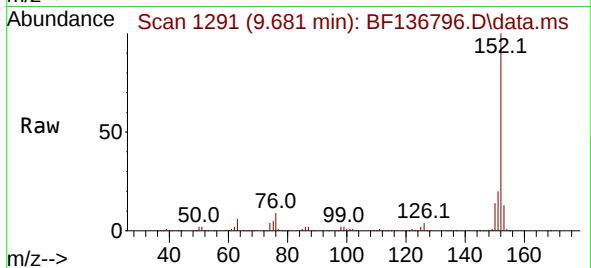
Tgt Ion:152 Resp: 602699

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.4

153 12.7 10.2 15.2



#50

Dimethylphthalate

Concen: 39.001 ng

RT: 9.545 min Scan# 1268

Delta R.T. -0.012 min

Lab File: BF136796.D

Acq: 28 Dec 2023 16:39

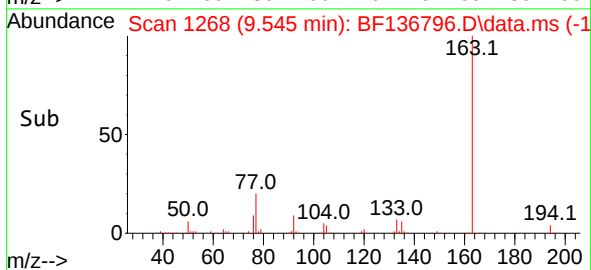
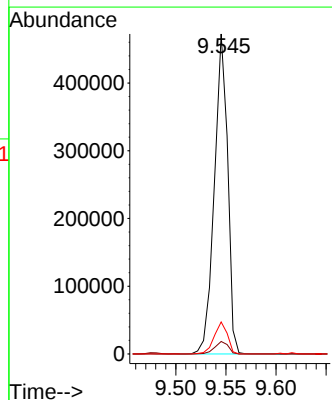
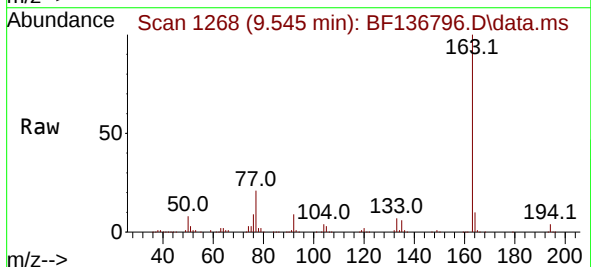
Tgt Ion:163 Resp: 435502

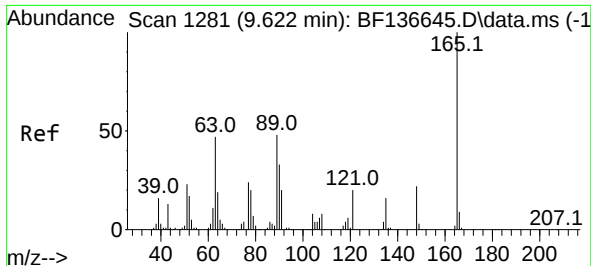
Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

164 10.0 7.8 11.6

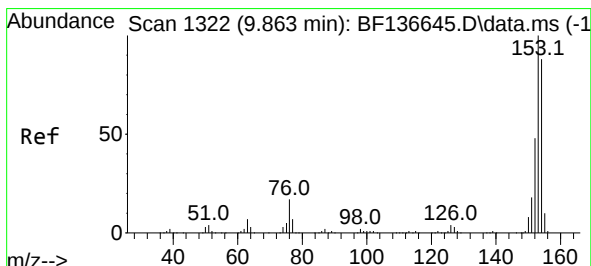
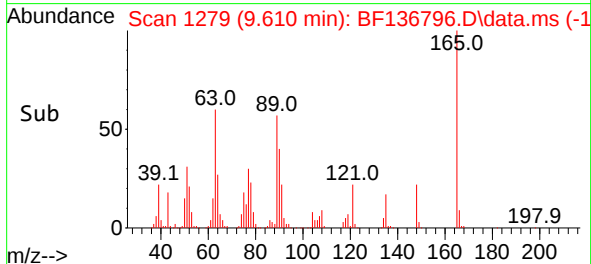
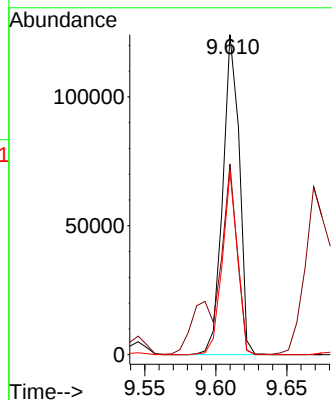
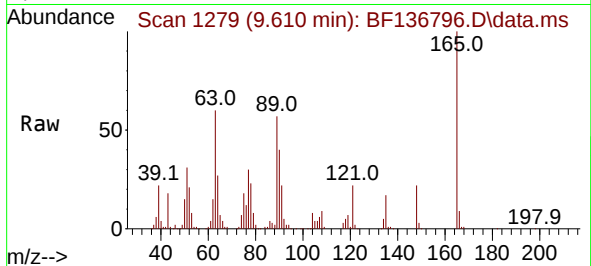




#51
2,6-Dinitrotoluene
Concen: 39.505 ng
RT: 9.610 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136796.D
Acq: 28 Dec 2023 16:39

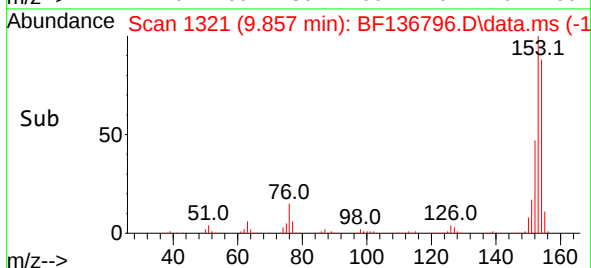
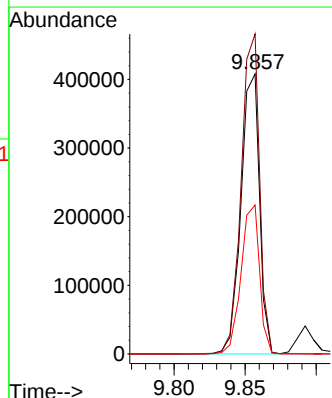
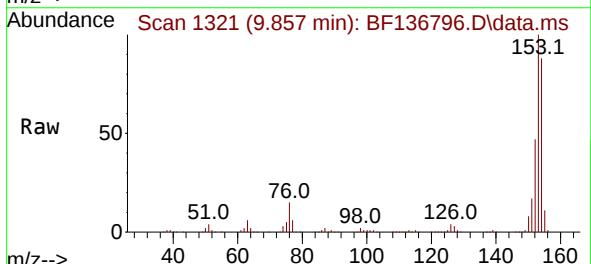
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

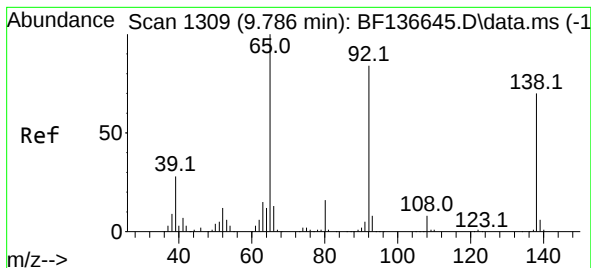
Tgt Ion:165 Resp: 100115
Ion Ratio Lower Upper
165 100
63 59.5 39.8 59.6
89 57.1 38.8 58.2



#52
Acenaphthene
Concen: 40.234 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF136796.D
Acq: 28 Dec 2023 16:39

Tgt Ion:154 Resp: 371777
Ion Ratio Lower Upper
154 100
153 114.3 90.7 136.1
152 53.2 43.7 65.5





#53

3-Nitroaniline

Concen: 37.271 ng

RT: 9.781 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136796.D

Acq: 28 Dec 2023 16:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

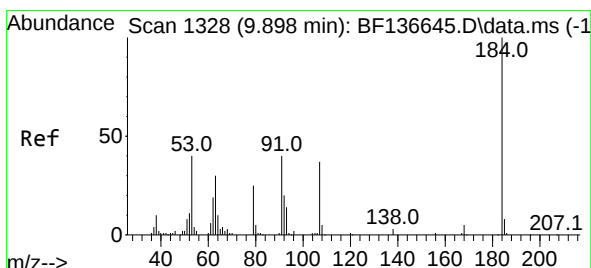
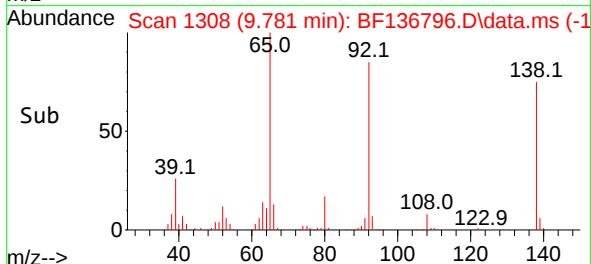
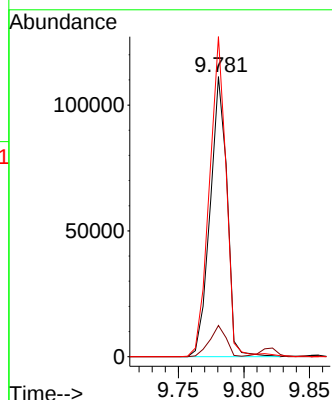
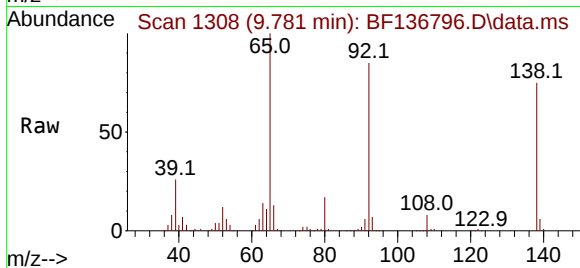
Tgt Ion:138 Resp: 100056

Ion Ratio Lower Upper

138 100

108 11.2 8.6 12.8

92 114.3 95.2 142.8



#54

2,4-Dinitrophenol

Concen: 45.729 ng

RT: 9.892 min Scan# 1327

Delta R.T. -0.006 min

Lab File: BF136796.D

Acq: 28 Dec 2023 16:39

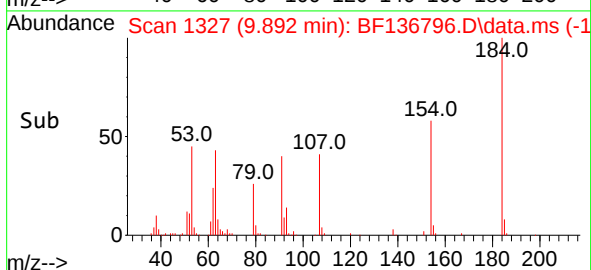
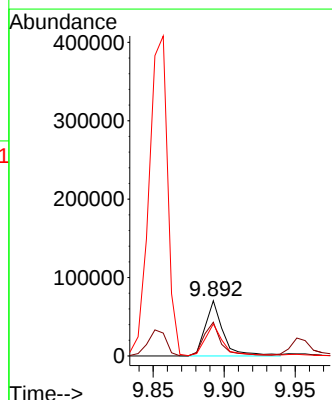
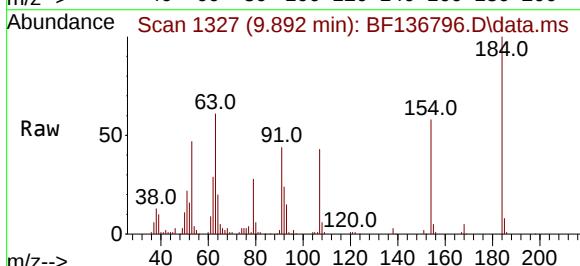
Tgt Ion:184 Resp: 61870

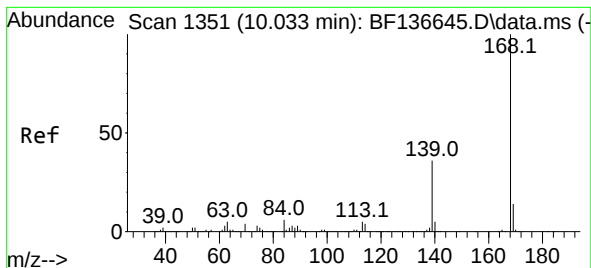
Ion Ratio Lower Upper

184 100

63 61.2 40.9 61.3

154 57.9 42.7 64.1





#55

Dibenzenofuran

Concen: 39.369 ng

RT: 10.028 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136796.D

Acq: 28 Dec 2023 16:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

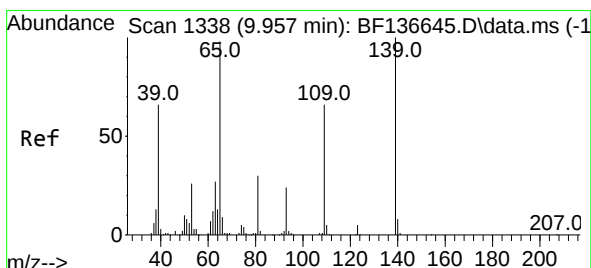
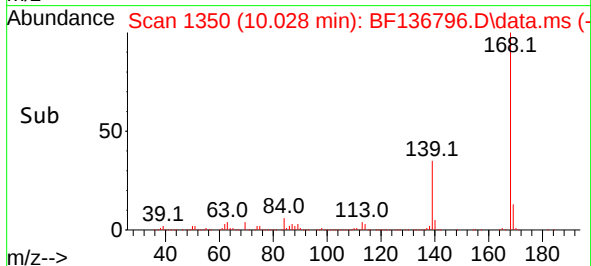
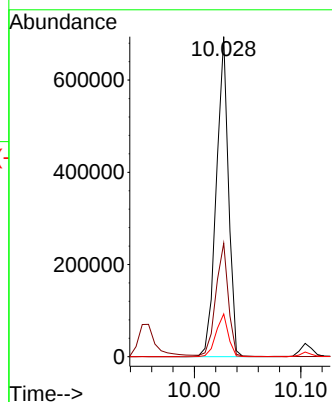
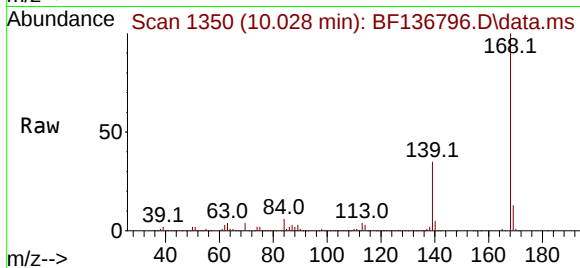
Tgt Ion:168 Resp: 551434

Ion Ratio Lower Upper

168 100

139 35.5 29.3 43.9

169 13.3 11.0 16.4



#56

4-Nitrophenol

Concen: 44.500 ng

RT: 9.957 min Scan# 1338

Delta R.T. 0.000 min

Lab File: BF136796.D

Acq: 28 Dec 2023 16:39

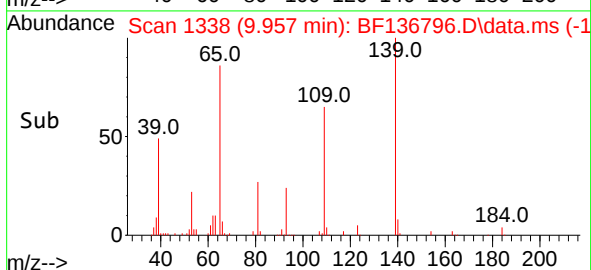
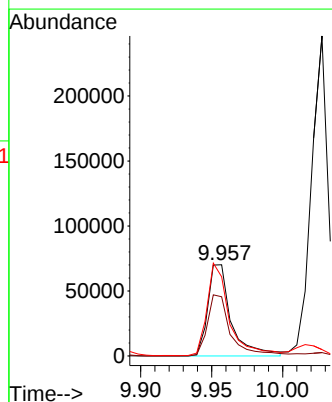
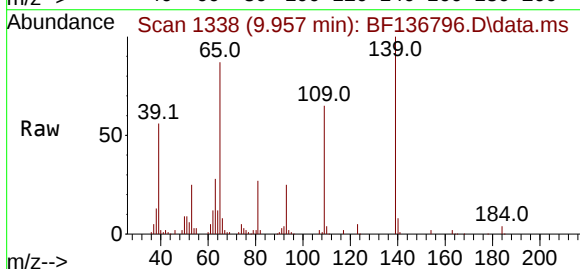
Tgt Ion:139 Resp: 80643

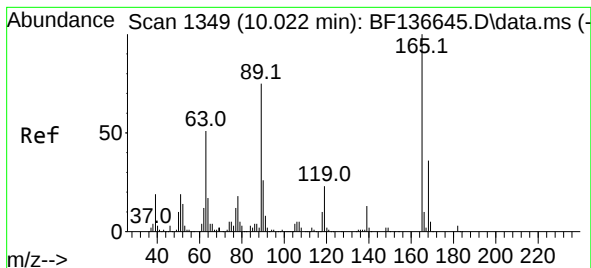
Ion Ratio Lower Upper

139 100

109 65.0 45.8 85.8

65 86.9 77.8 117.8

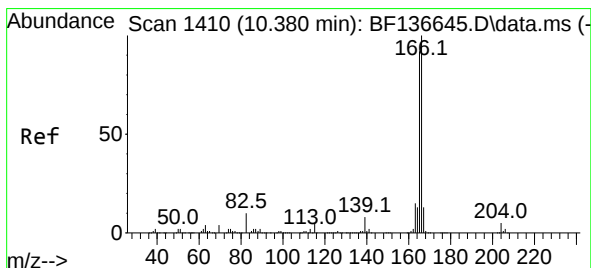
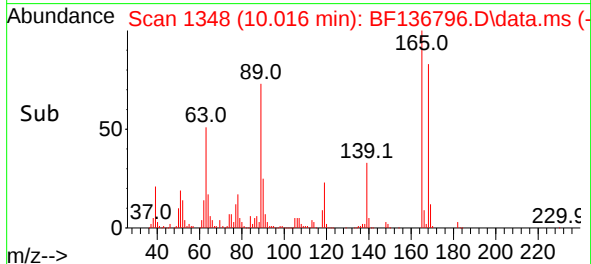
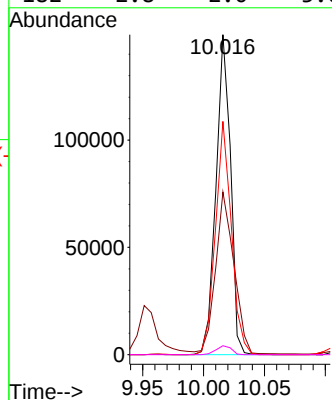
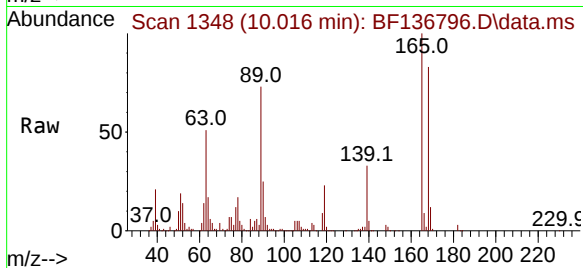




#57
2,4-Dinitrotoluene
Concen: 37.671 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136796.D
Acq: 28 Dec 2023 16:39

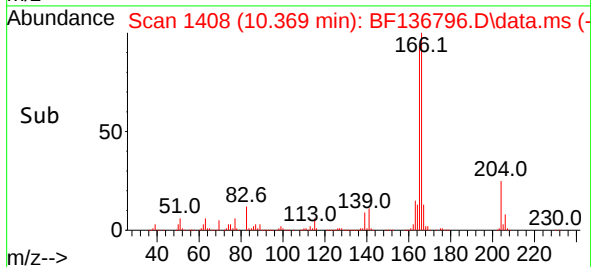
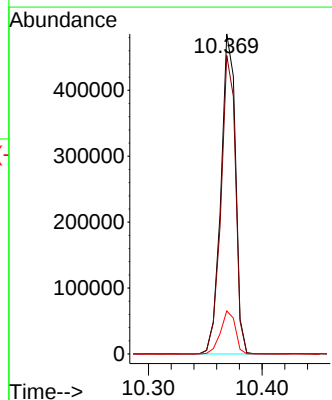
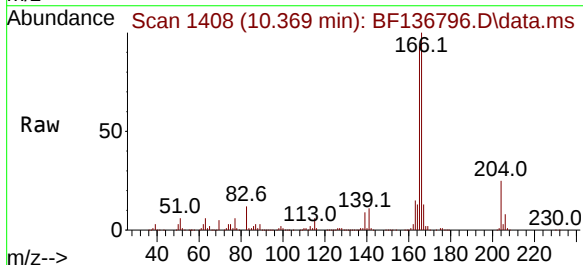
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

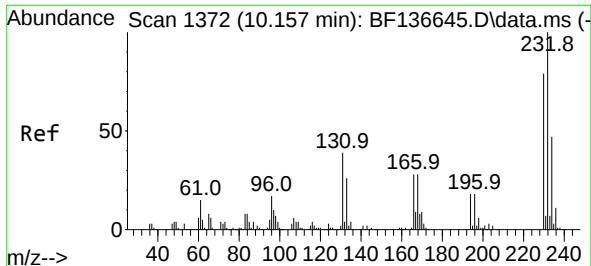
Tgt Ion:165 Resp: 123933
Ion Ratio Lower Upper
165 100
63 50.8 41.0 61.6
89 72.9 59.9 89.9
182 2.8 2.0 3.0



#58
Fluorene
Concen: 39.108 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.012 min
Lab File: BF136796.D
Acq: 28 Dec 2023 16:39

Tgt Ion:166 Resp: 434643
Ion Ratio Lower Upper
166 100
165 93.3 73.7 110.5
167 13.5 10.4 15.6

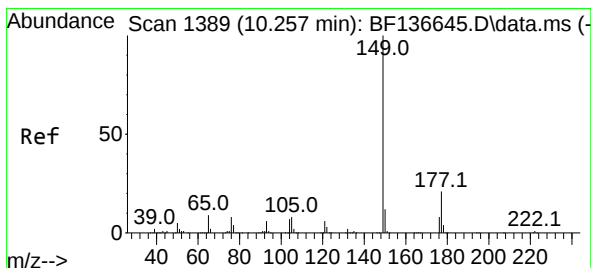
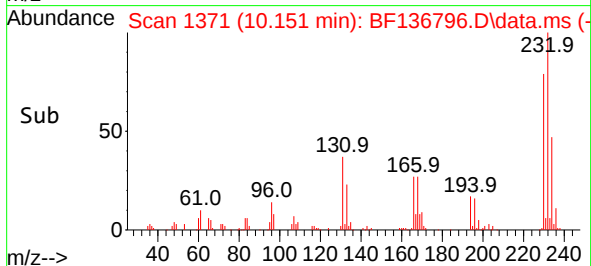
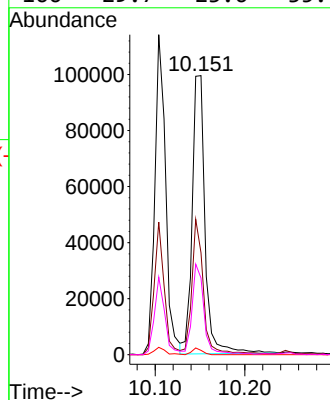
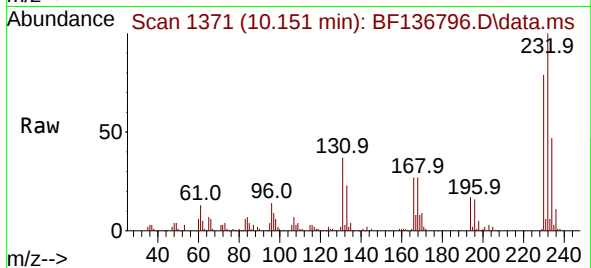




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.096 ng
RT: 10.151 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF136796.D
Acq: 28 Dec 2023 16:39

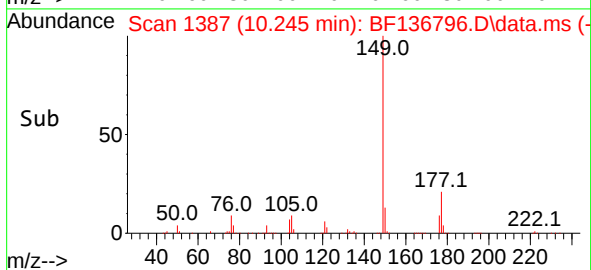
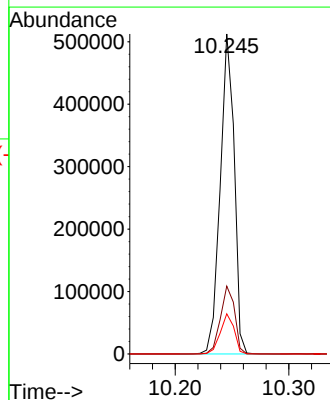
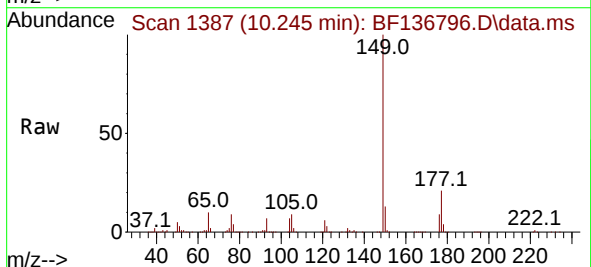
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

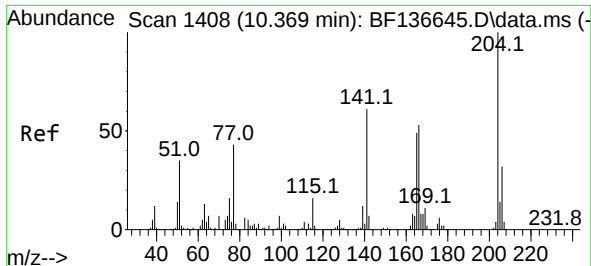
Tgt Ion:232 Resp: 99223
Ion Ratio Lower Upper
232 100
131 44.3 35.1 52.7
130 1.9 1.6 2.4
166 29.7 23.6 35.4



#60
Diethylphthalate
Concen: 37.935 ng
RT: 10.245 min Scan# 1387
Delta R.T. -0.012 min
Lab File: BF136796.D
Acq: 28 Dec 2023 16:39

Tgt Ion:149 Resp: 439502
Ion Ratio Lower Upper
149 100
177 21.2 16.9 25.3
150 12.6 9.3 13.9

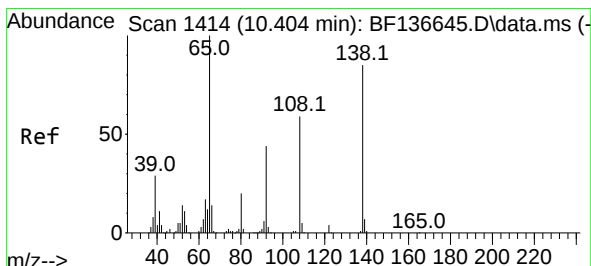
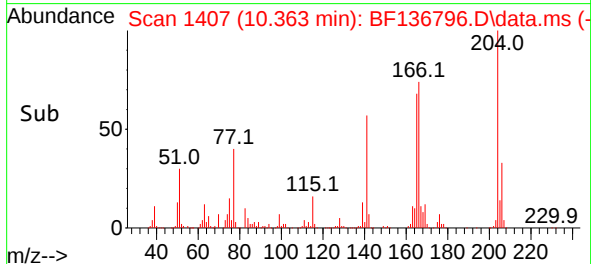
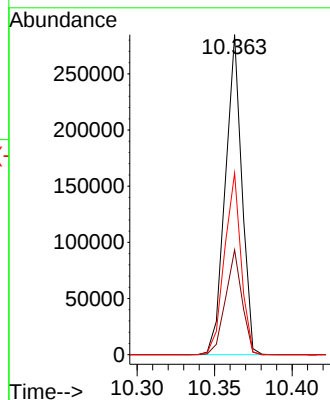
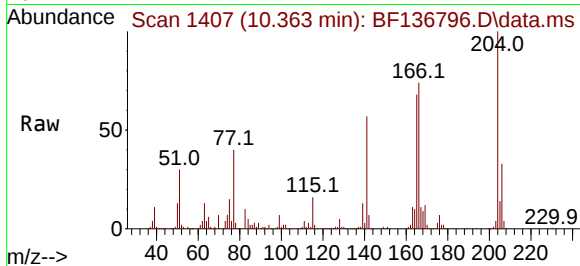




#61
4-Chlorophenyl-phenylether
Concen: 39.112 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF136796.D
Acq: 28 Dec 2023 16:39

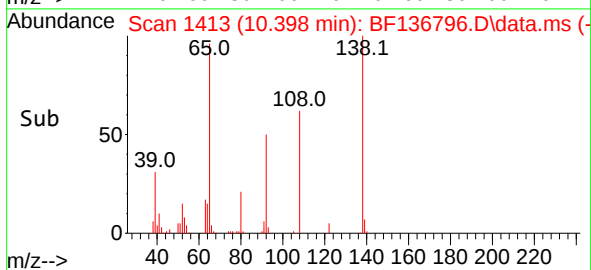
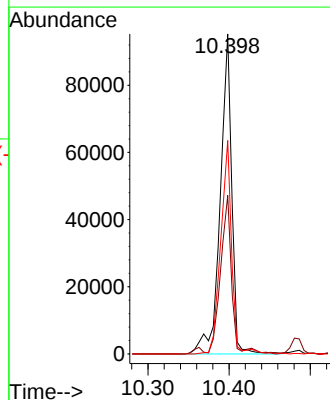
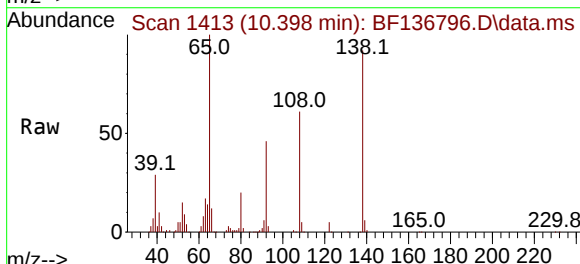
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

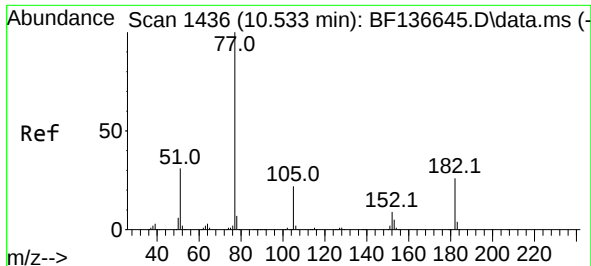
Tgt Ion:204 Resp: 211291
Ion Ratio Lower Upper
204 100
206 32.8 25.6 38.4
141 56.7 48.4 72.6



#62
4-Nitroaniline
Concen: 36.498 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF136796.D
Acq: 28 Dec 2023 16:39

Tgt Ion:138 Resp: 94455
Ion Ratio Lower Upper
138 100
92 49.6 32.1 72.1
108 66.7 50.1 90.1



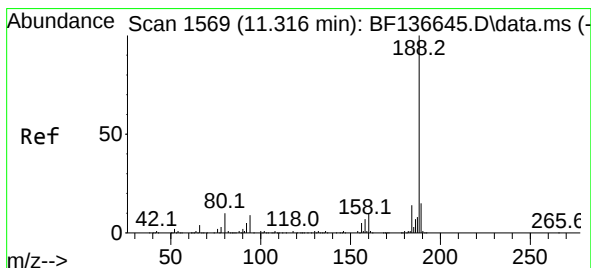
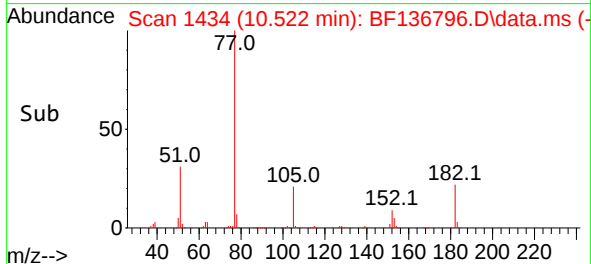
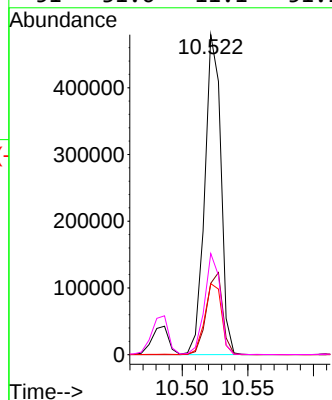
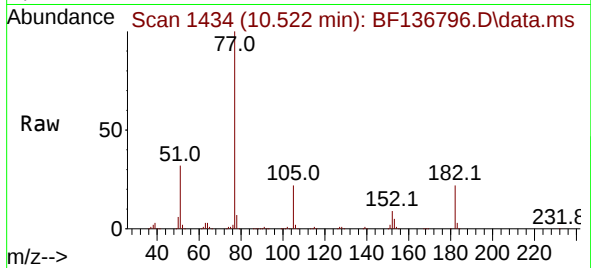


#63
Azobenzene
Concen: 37.972 ng
RT: 10.522 min Scan# 1436
Delta R.T. -0.012 min
Lab File: BF136796.D
Acq: 28 Dec 2023 16:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 410903

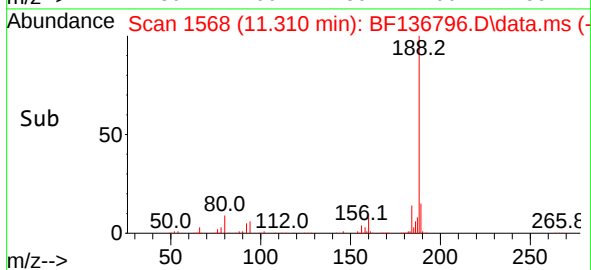
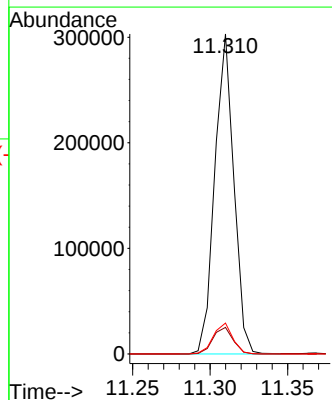
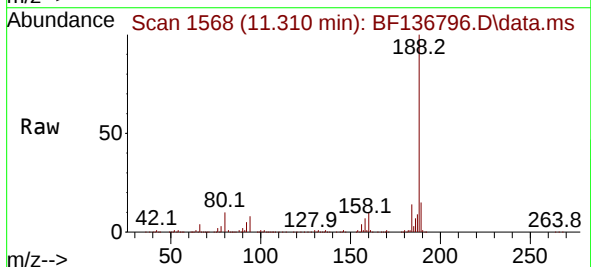
Ion	Ratio	Lower	Upper
77	100		
182	22.3	6.0	46.0
105	22.2	2.3	42.3
51	31.6	11.1	51.1

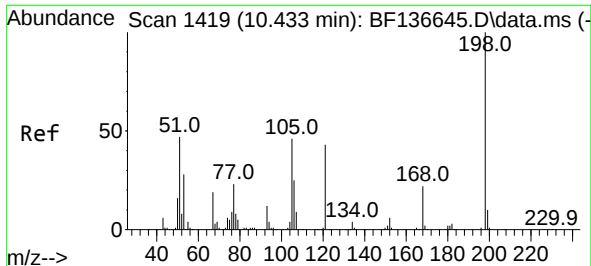


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136796.D
Acq: 28 Dec 2023 16:39

Tgt Ion: 188 Resp: 258872

Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.5	11.3
80	9.6	8.1	12.1





#65

4,6-Dinitro-2-methylphenol

Concen: 43.329 ng

RT: 10.428 min Scan# 1419

Delta R.T. -0.006 min

Lab File: BF136796.D

Acq: 28 Dec 2023 16:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

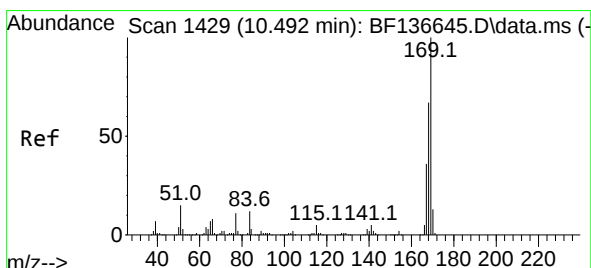
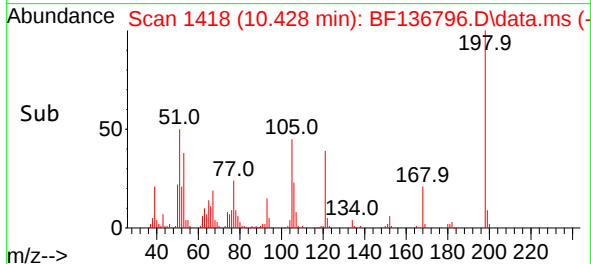
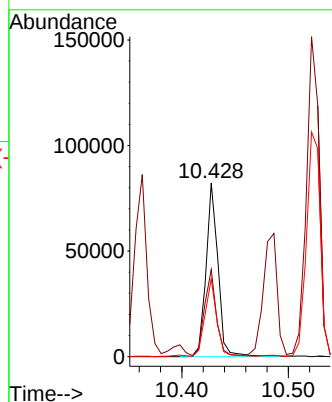
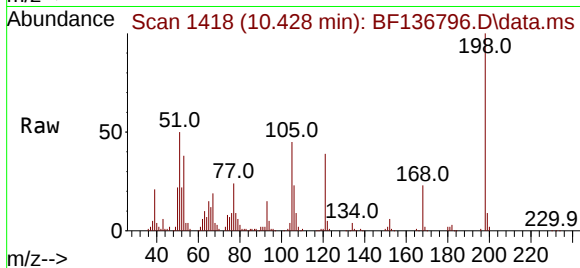
Tgt Ion:198 Resp: 64283

Ion Ratio Lower Upper

198 100

51 50.1 34.1 74.1

105 44.8 27.3 67.3



#66

n-Nitrosodiphenylamine

Concen: 43.875 ng

RT: 10.486 min Scan# 1428

Delta R.T. -0.006 min

Lab File: BF136796.D

Acq: 28 Dec 2023 16:39

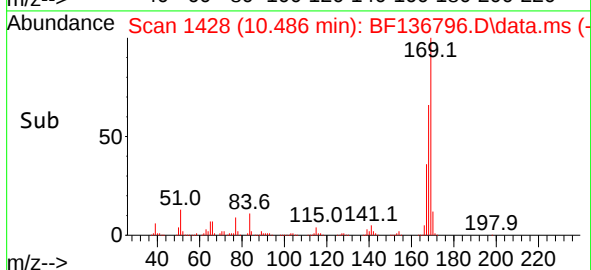
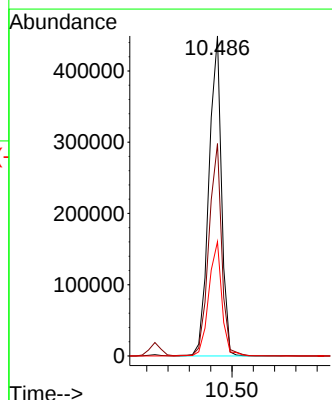
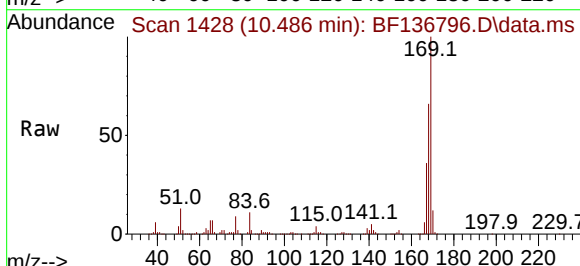
Tgt Ion:169 Resp: 368963

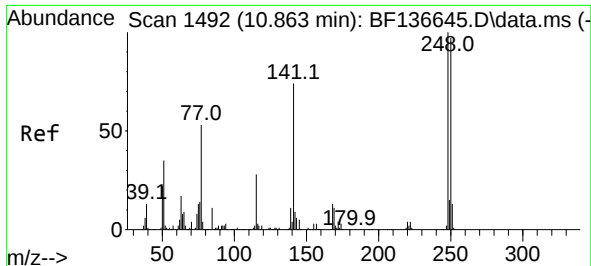
Ion Ratio Lower Upper

169 100

168 66.3 53.8 80.6

167 35.7 28.7 43.1

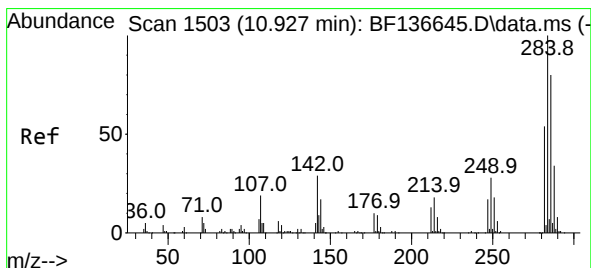
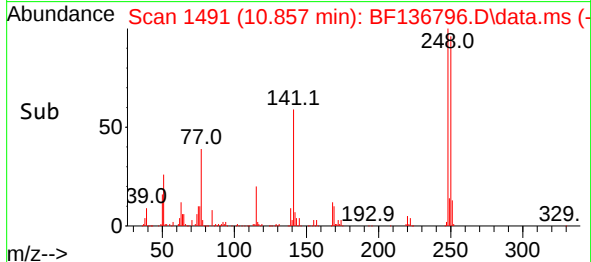
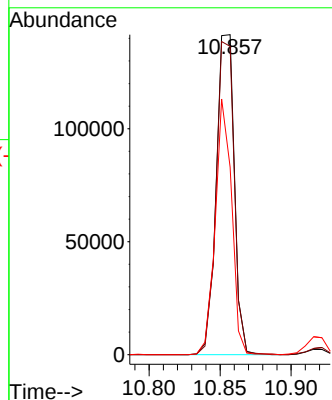
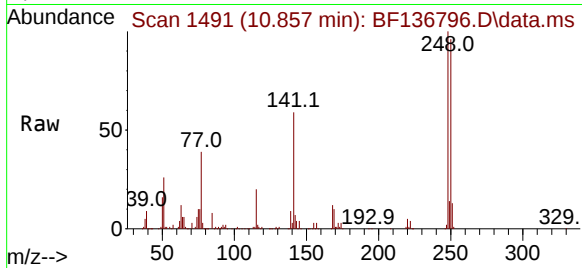




#67
4-Bromophenyl-phenylether
Concen: 43.662 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF136796.D
Acq: 28 Dec 2023 16:39

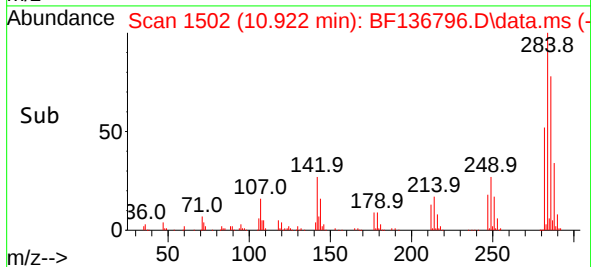
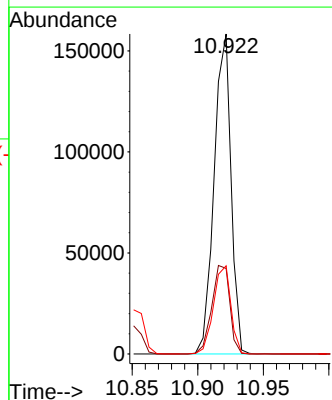
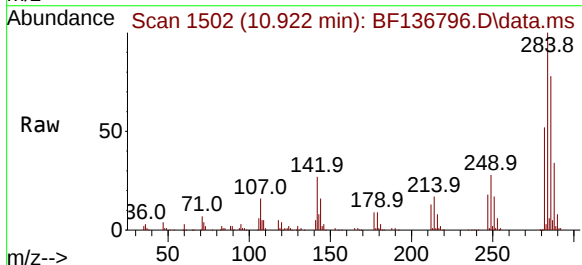
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 125526
Ion Ratio Lower Upper
248 100
250 96.3 77.8 116.6
141 58.6 59.2 88.8#



#68
Hexachlorobenzene
Concen: 44.266 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF136796.D
Acq: 28 Dec 2023 16:39

Tgt Ion:284 Resp: 141824
Ion Ratio Lower Upper
284 100
142 26.8 23.4 35.0
249 27.6 22.3 33.5





#69

Atrazine

Concen: 38.775 ng

RT: 11.016 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136796.D

Acq: 28 Dec 2023 16:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

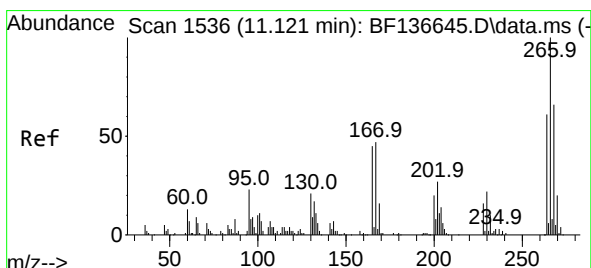
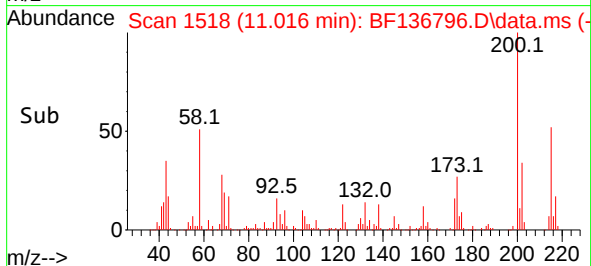
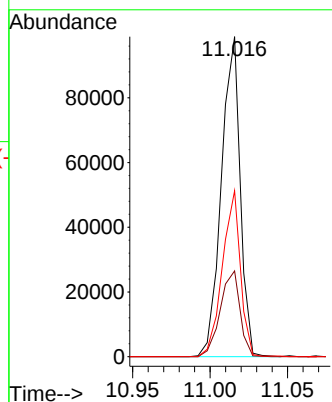
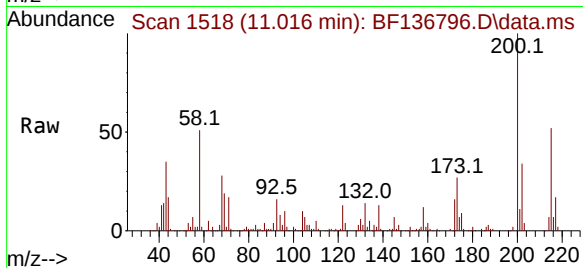
Tgt Ion:200 Resp: 83400

Ion Ratio Lower Upper

200 100

173 26.8 7.6 47.6

215 51.9 28.3 68.3



#70

Pentachlorophenol

Concen: 38.578 ng

RT: 11.116 min Scan# 1535

Delta R.T. -0.006 min

Lab File: BF136796.D

Acq: 28 Dec 2023 16:39

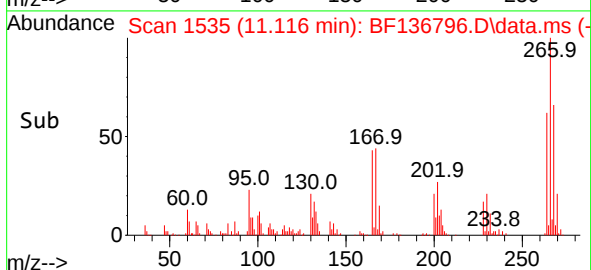
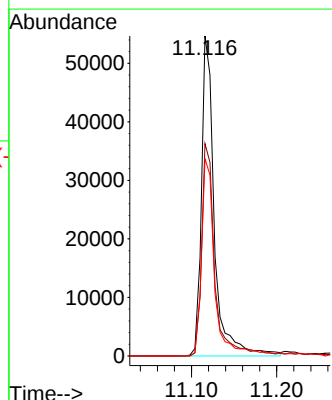
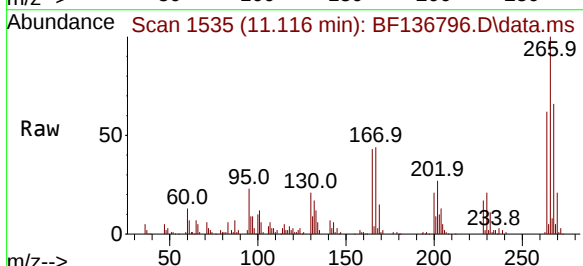
Tgt Ion:266 Resp: 57612

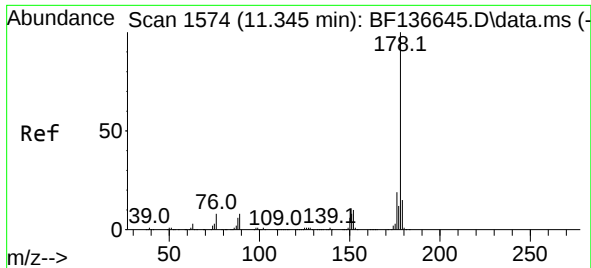
Ion Ratio Lower Upper

266 100

268 66.3 52.6 78.8

264 61.6 49.0 73.4

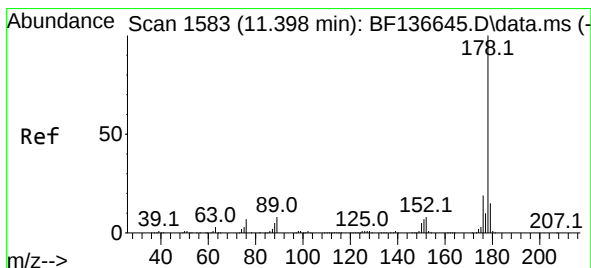
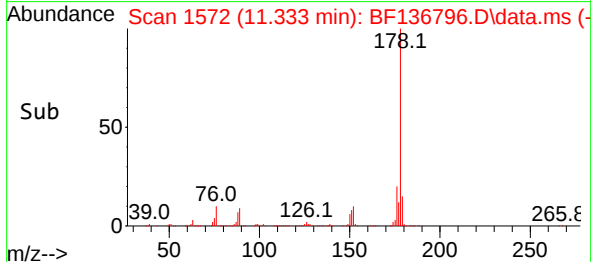
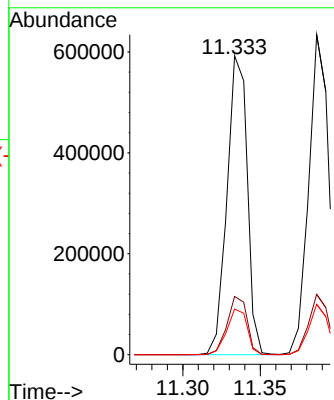
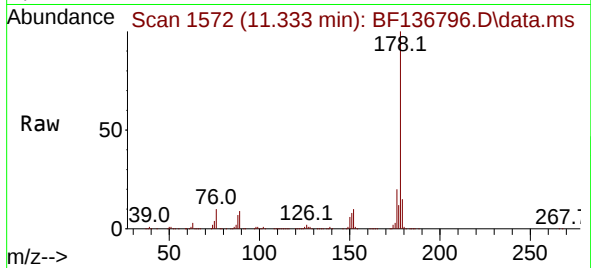




#71
Phenanthrene
Concen: 40.557 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.012 min
Lab File: BF136796.D
Acq: 28 Dec 2023 16:39

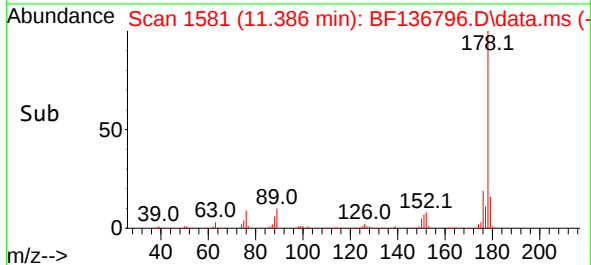
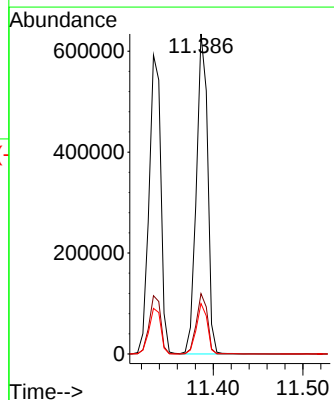
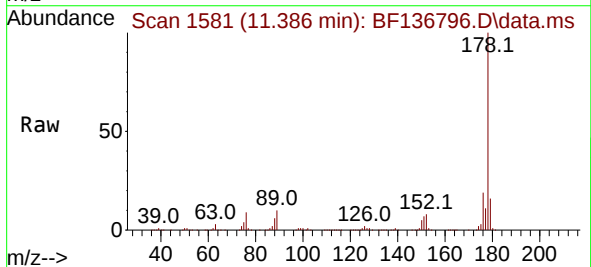
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

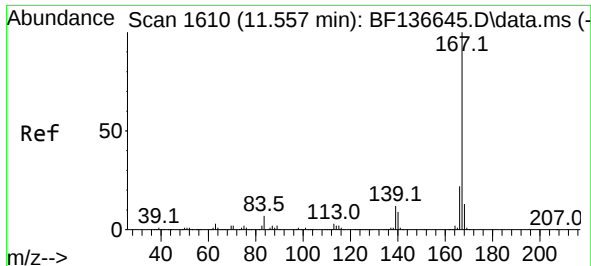
Tgt Ion:178 Resp: 538710
Ion Ratio Lower Upper
178 100
176 19.5 15.3 22.9
179 15.3 11.9 17.9



#72
Anthracene
Concen: 41.287 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF136796.D
Acq: 28 Dec 2023 16:39

Tgt Ion:178 Resp: 555392
Ion Ratio Lower Upper
178 100
176 18.8 14.9 22.3
179 15.7 11.8 17.6

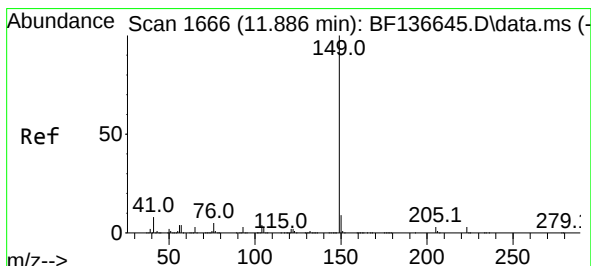
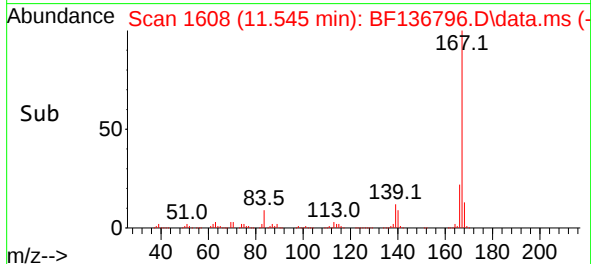
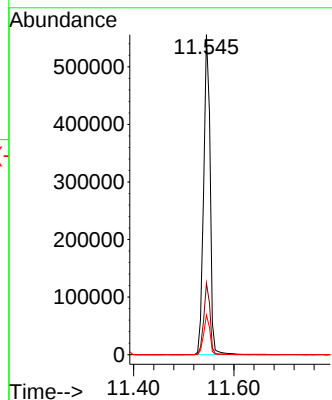
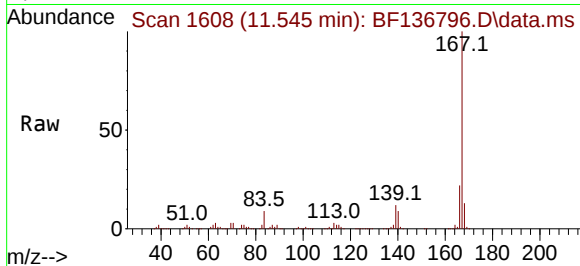




#73
Carbazole
Concen: 39.257 ng
RT: 11.545 min Scan# 1608
Delta R.T. -0.012 min
Lab File: BF136796.D
Acq: 28 Dec 2023 16:39

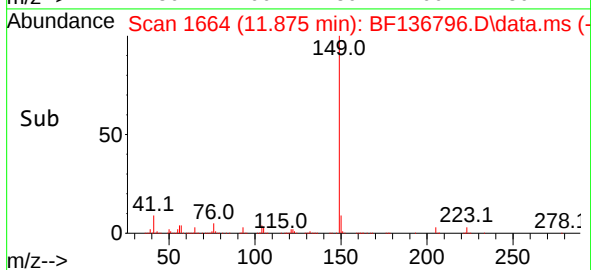
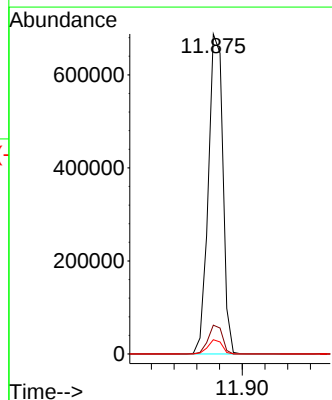
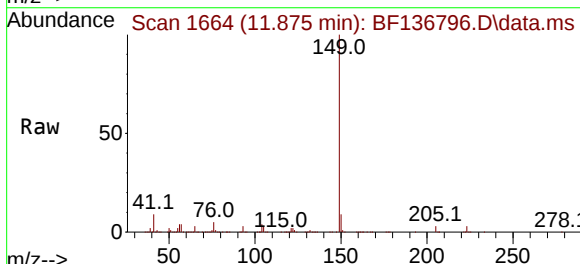
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

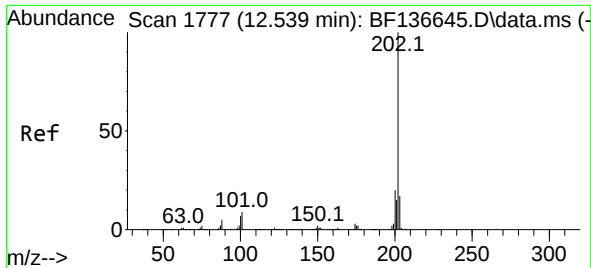
Tgt Ion:167 Resp: 497892
Ion Ratio Lower Upper
167 100
166 22.4 17.3 25.9
139 12.3 9.8 14.6



#74
Di-n-butylphthalate
Concen: 39.408 ng
RT: 11.875 min Scan# 1664
Delta R.T. -0.012 min
Lab File: BF136796.D
Acq: 28 Dec 2023 16:39

Tgt Ion:149 Resp: 609881
Ion Ratio Lower Upper
149 100
150 9.0 7.4 11.2
104 4.4 3.6 5.4

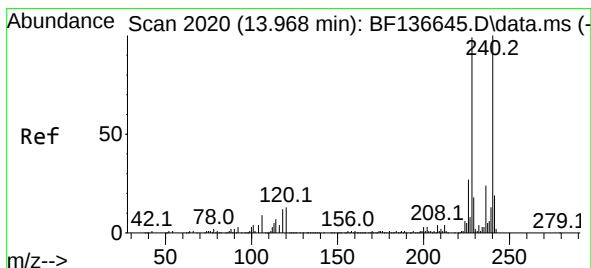
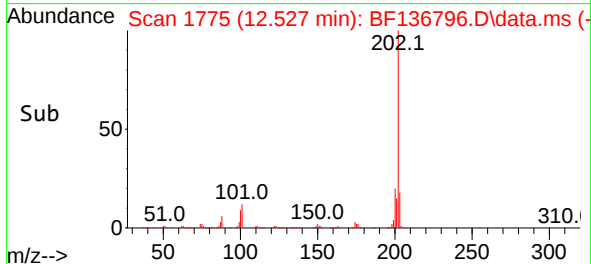
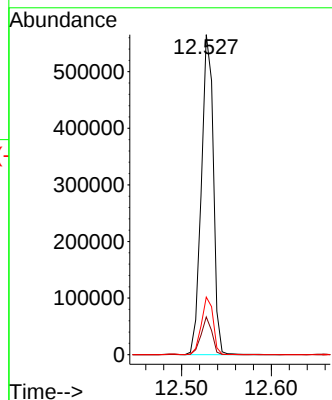
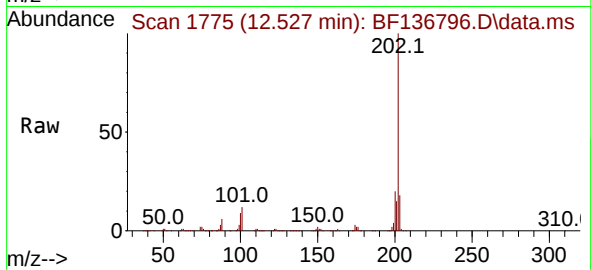




#75
Fluoranthene
Concen: 36.910 ng
RT: 12.527 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF136796.D
Acq: 28 Dec 2023 16:39

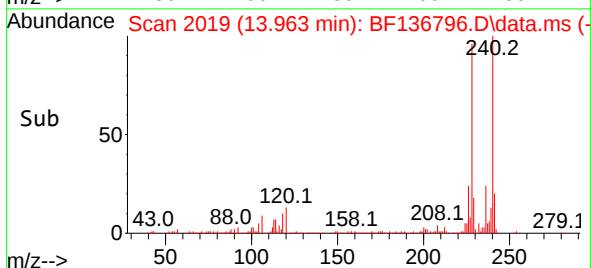
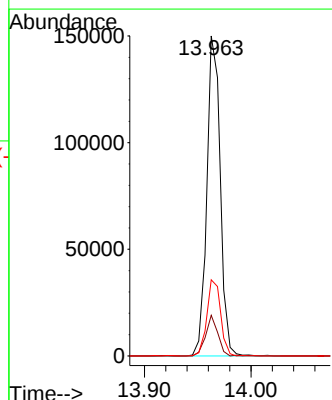
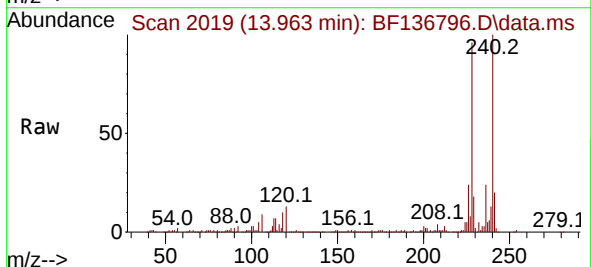
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 524428
Ion Ratio Lower Upper
202 100
101 11.8 0.0 29.3
203 18.0 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136796.D
Acq: 28 Dec 2023 16:39

Tgt Ion:240 Resp: 131627
Ion Ratio Lower Upper
240 100
120 12.7 10.3 15.5
236 23.8 19.4 29.2





#77

Benzidine

Concen: 40.238 ng

RT: 12.657 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136796.D

Acq: 28 Dec 2023 16:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

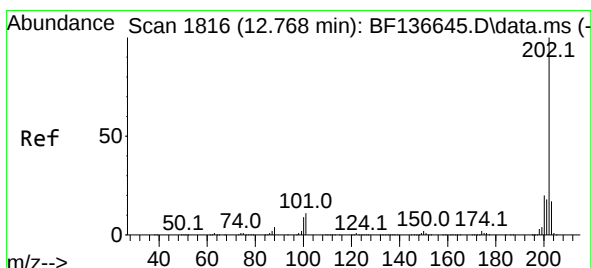
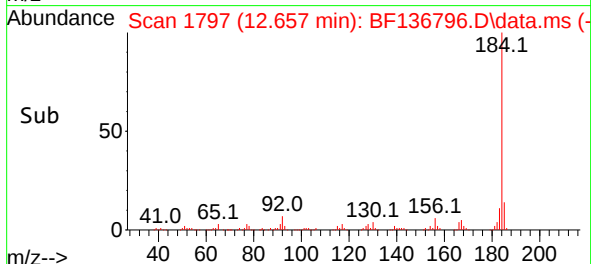
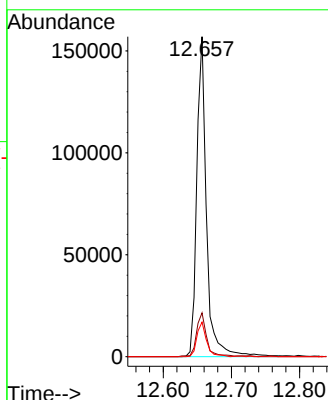
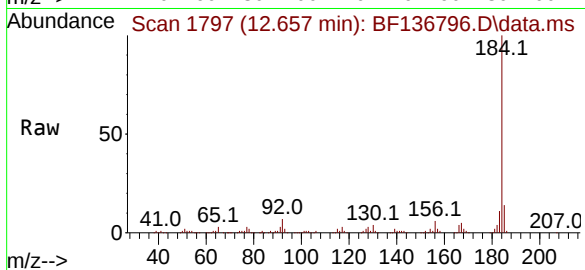
Tgt Ion:184 Resp: 156169

Ion Ratio Lower Upper

184 100

185 13.7 11.2 16.8

183 10.8 9.3 13.9



#78

Pyrene

Concen: 40.477 ng

RT: 12.757 min Scan# 1814

Delta R.T. -0.012 min

Lab File: BF136796.D

Acq: 28 Dec 2023 16:39

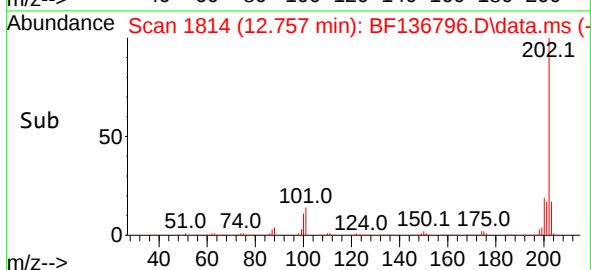
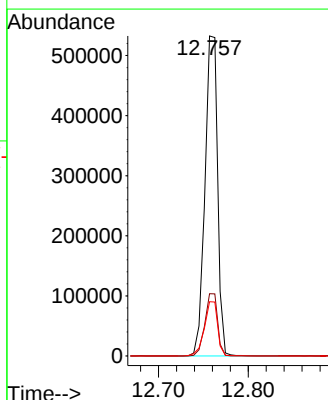
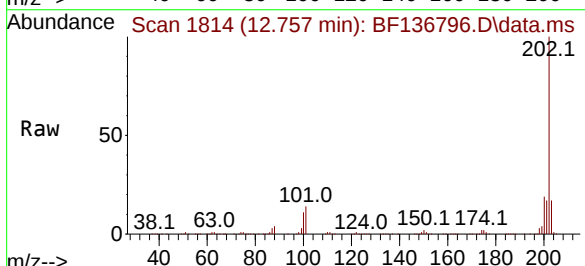
Tgt Ion:202 Resp: 523024

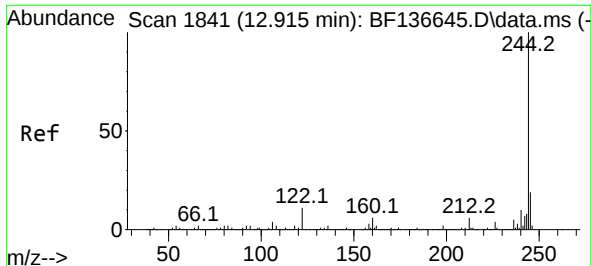
Ion Ratio Lower Upper

202 100

200 19.5 15.9 23.9

203 16.9 13.8 20.6

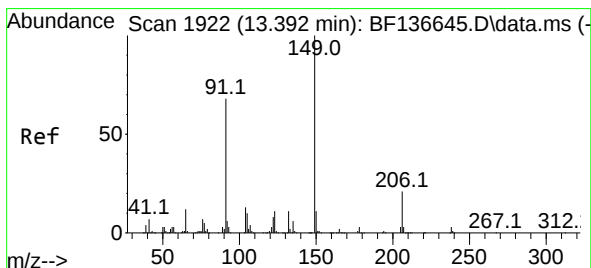
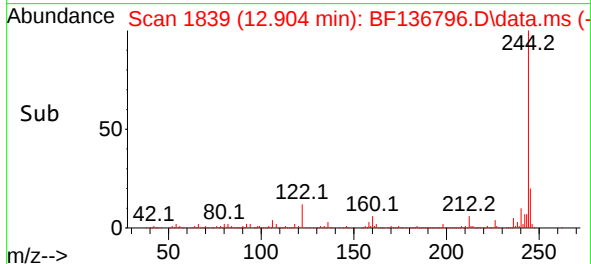
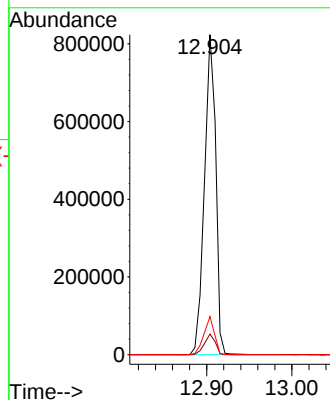
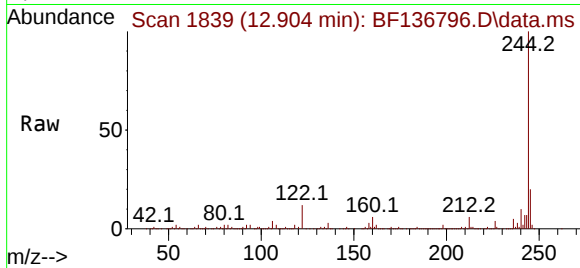




#79
 Terphenyl-d14
 Concen: 80.382 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.012 min
 Lab File: BF136796.D
 Acq: 28 Dec 2023 16:39

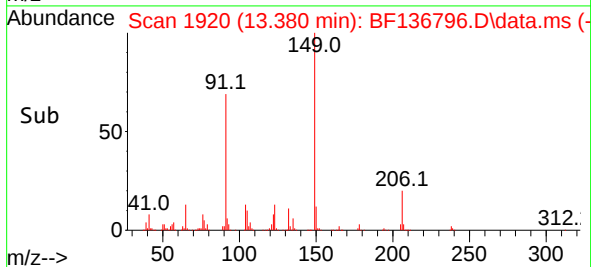
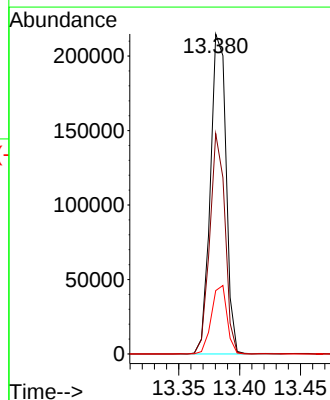
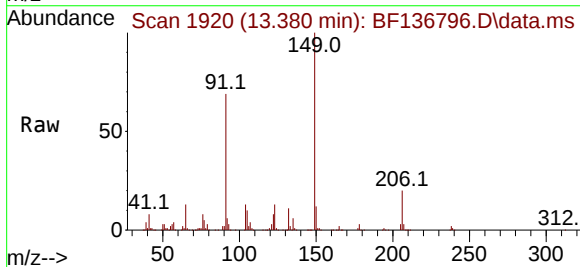
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

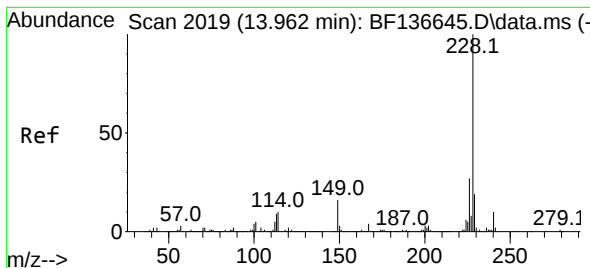
Tgt Ion:244 Resp: 757116
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.4
 122 11.9 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 41.032 ng
 RT: 13.380 min Scan# 1920
 Delta R.T. -0.012 min
 Lab File: BF136796.D
 Acq: 28 Dec 2023 16:39

Tgt Ion:149 Resp: 192923
 Ion Ratio Lower Upper
 149 100
 91 68.8 54.1 81.1
 206 19.8 17.1 25.7





#81

Benzo(a)anthracene

Concen: 40.769 ng

RT: 13.957 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BF136796.D

Acq: 28 Dec 2023 16:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

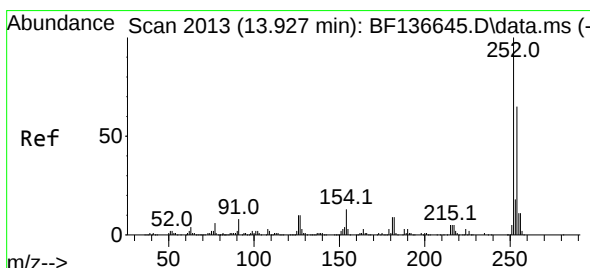
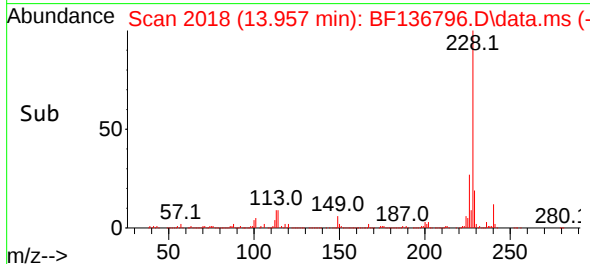
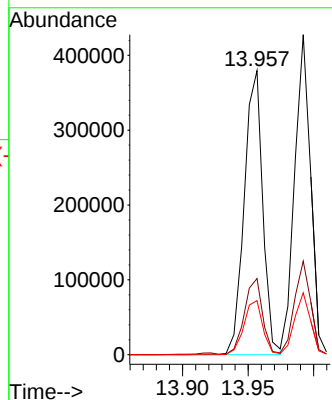
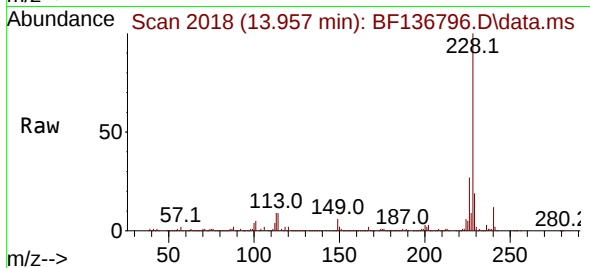
Tgt Ion:228 Resp: 372629

Ion Ratio Lower Upper

228 100

226 26.8 21.4 32.0

229 19.0 14.9 22.3



#82

3,3'-Dichlorobenzidine

Concen: 46.043 ng

RT: 13.921 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF136796.D

Acq: 28 Dec 2023 16:39

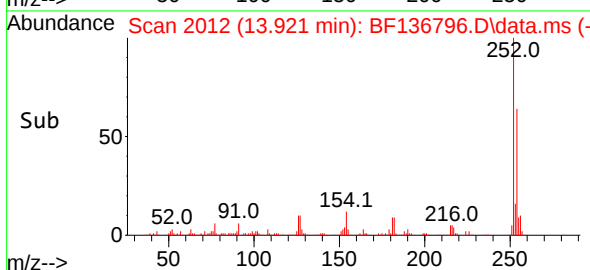
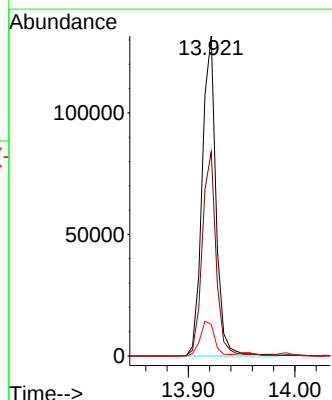
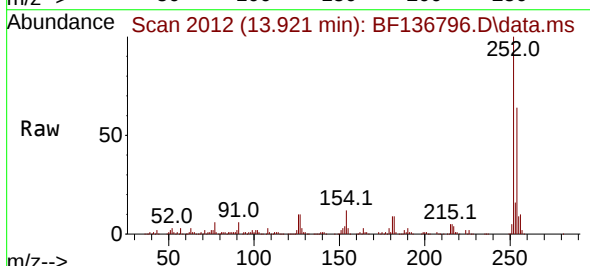
Tgt Ion:252 Resp: 119514

Ion Ratio Lower Upper

252 100

254 63.8 52.2 78.4

126 9.9 8.0 12.0





#83

Chrysene

Concen: 40.964 ng

RT: 13.992 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF136796.D

Acq: 28 Dec 2023 16:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

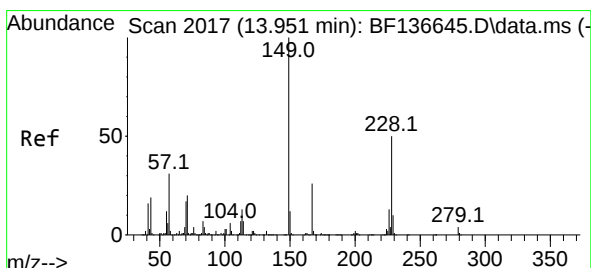
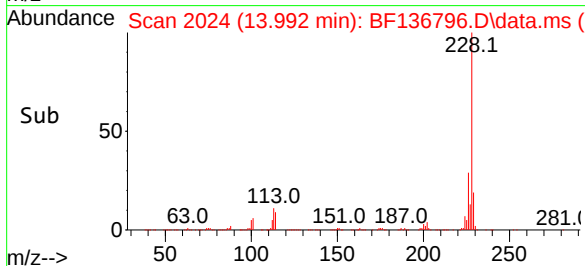
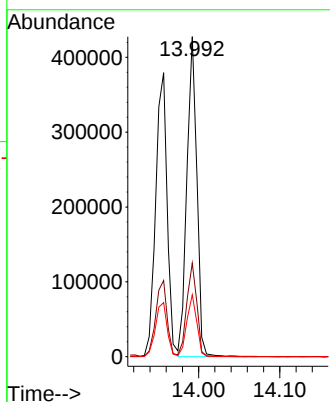
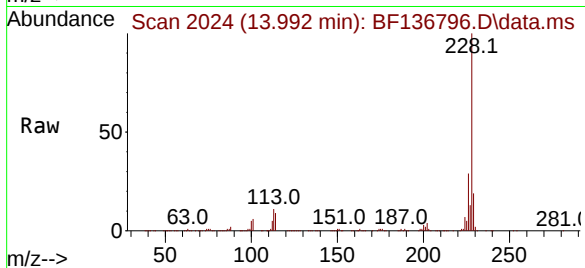
Tgt Ion:228 Resp: 366140

Ion Ratio Lower Upper

228 100

226 29.3 24.7 37.1

229 19.4 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.364 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF136796.D

Acq: 28 Dec 2023 16:39

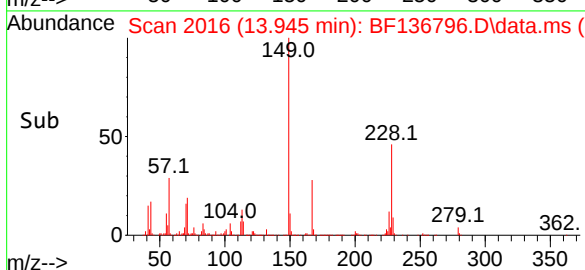
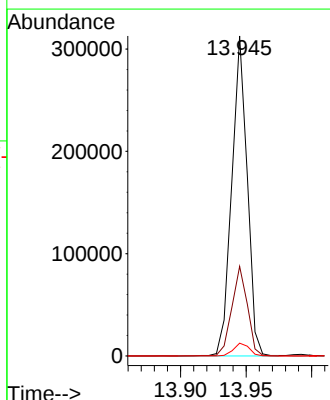
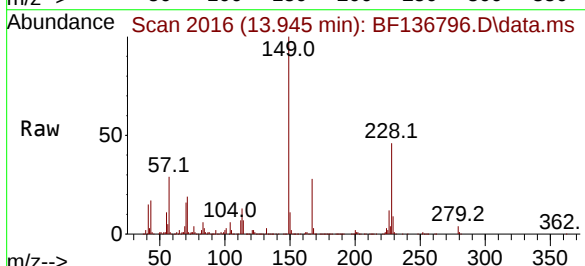
Tgt Ion:149 Resp: 256528

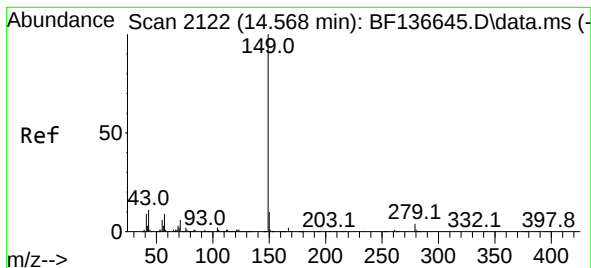
Ion Ratio Lower Upper

149 100

167 28.0 20.9 31.3

279 4.0 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 47.258 ng

RT: 14.563 min Scan# 2122

Delta R.T. -0.006 min

Lab File: BF136796.D

Acq: 28 Dec 2023 16:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

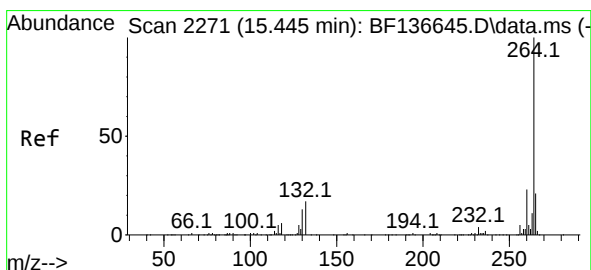
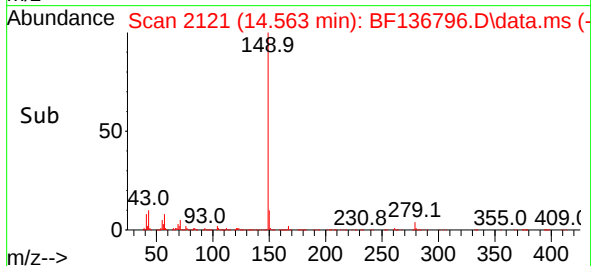
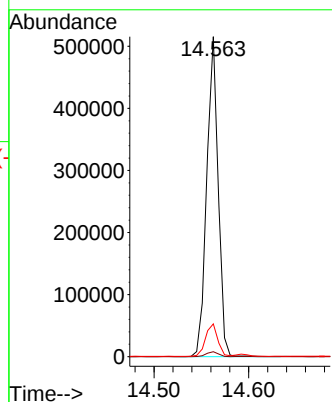
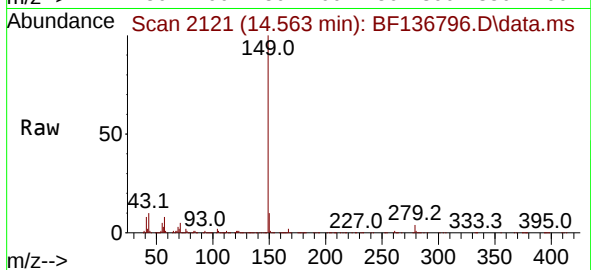
Tgt Ion:149 Resp: 432442

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 10.9 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2271

Delta R.T. 0.000 min

Lab File: BF136796.D

Acq: 28 Dec 2023 16:39

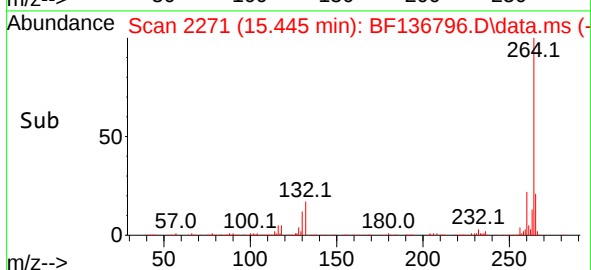
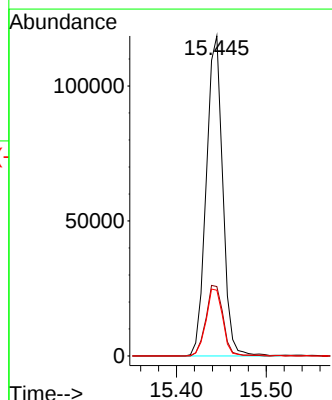
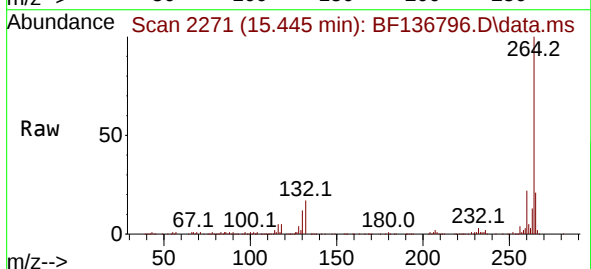
Tgt Ion:264 Resp: 150804

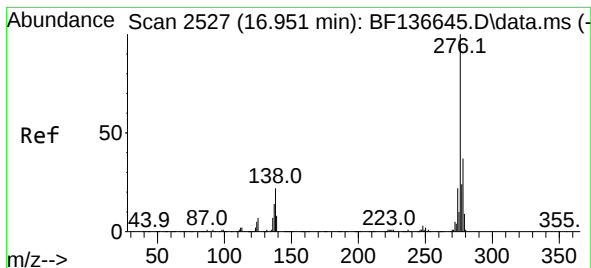
Ion Ratio Lower Upper

264 100

260 21.7 18.3 27.5

265 20.6 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.712 ng

RT: 16.957 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136796.D

Acq: 28 Dec 2023 16:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

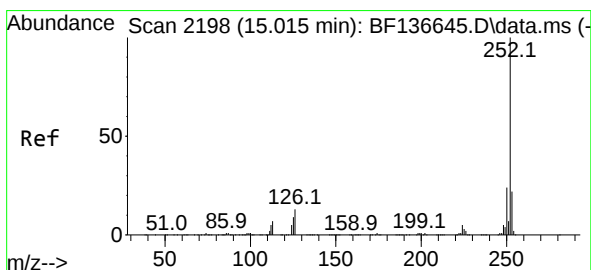
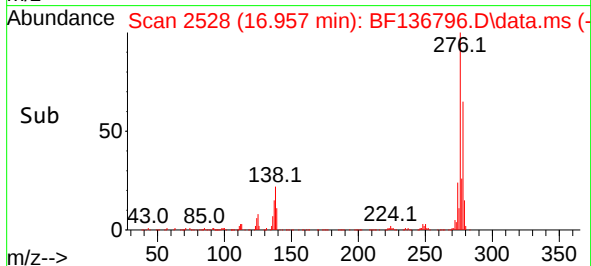
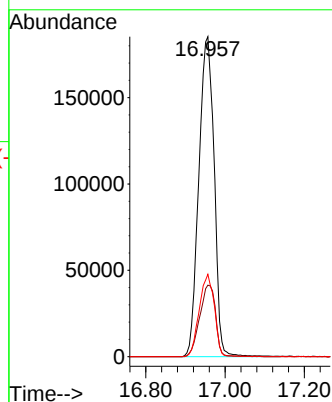
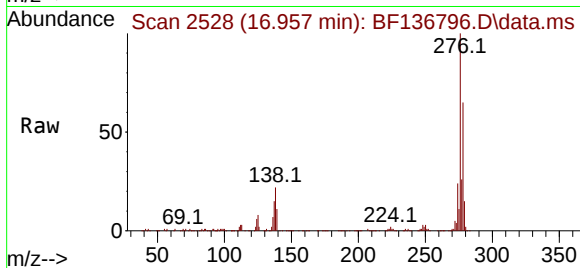
Tgt Ion:276 Resp: 497720

Ion Ratio Lower Upper

276 100

138 23.1 18.7 28.1

277 25.3 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 39.616 ng

RT: 15.010 min Scan# 2197

Delta R.T. -0.006 min

Lab File: BF136796.D

Acq: 28 Dec 2023 16:39

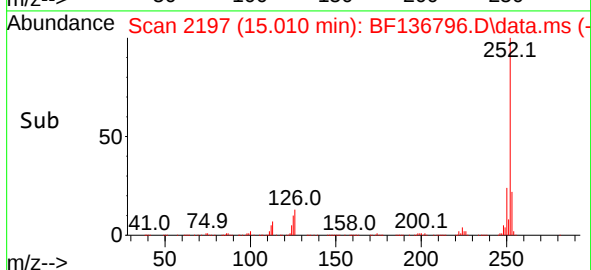
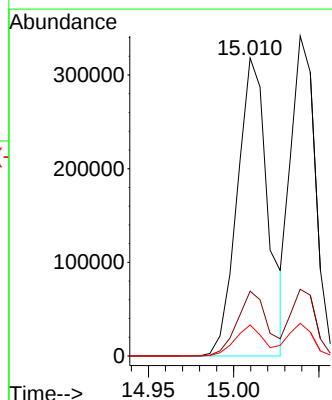
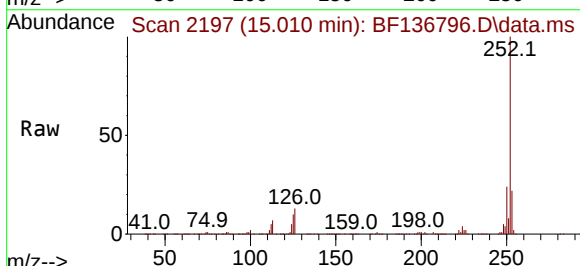
Tgt Ion:252 Resp: 399029

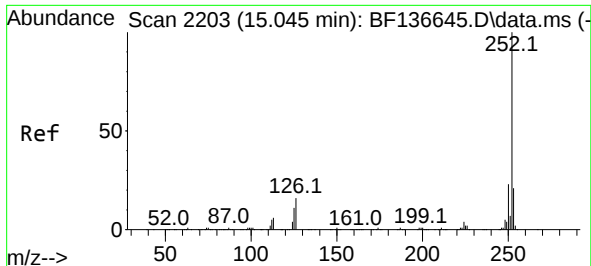
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 10.4 7.4 11.2

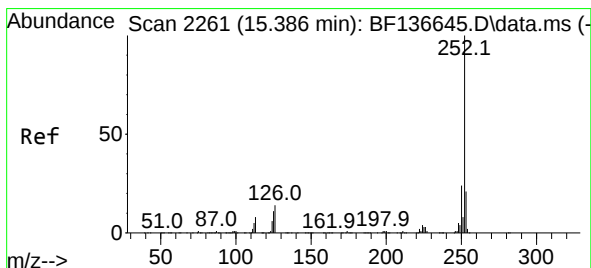
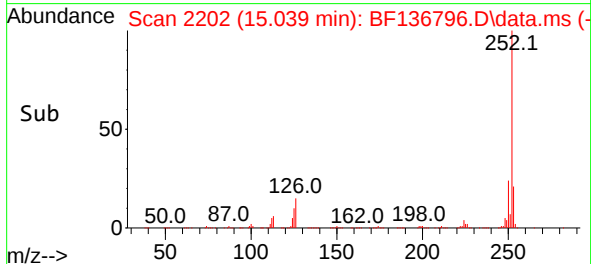
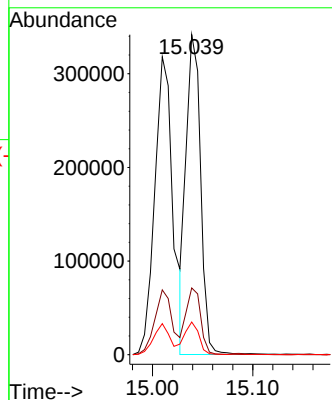
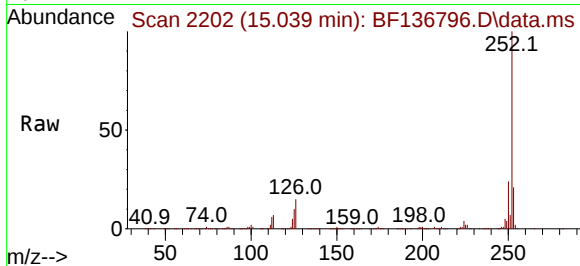




#89
Benzo(k)fluoranthene
Concen: 36.088 ng
RT: 15.039 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF136796.D
Acq: 28 Dec 2023 16:39

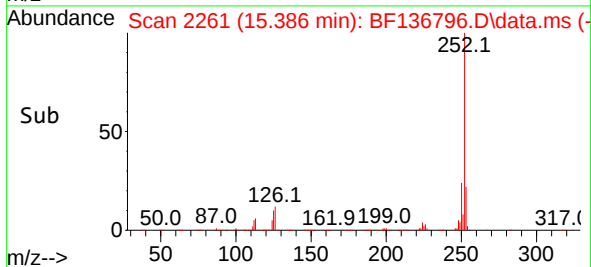
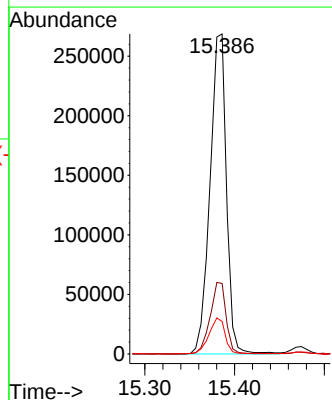
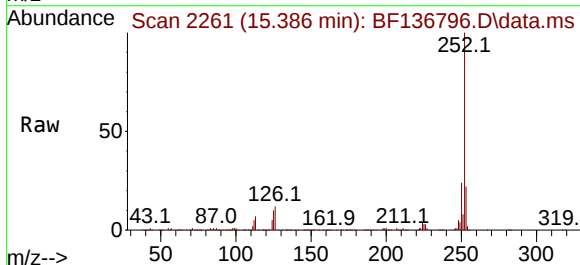
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

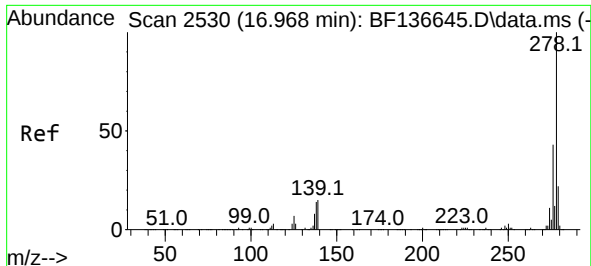
Tgt Ion:252 Resp: 343467
Ion Ratio Lower Upper
252 100
253 20.9 17.0 25.6
125 10.2 8.2 12.4



#90
Benzo(a)pyrene
Concen: 40.259 ng
RT: 15.386 min Scan# 2261
Delta R.T. 0.000 min
Lab File: BF136796.D
Acq: 28 Dec 2023 16:39

Tgt Ion:252 Resp: 342290
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 10.2 8.8 13.2

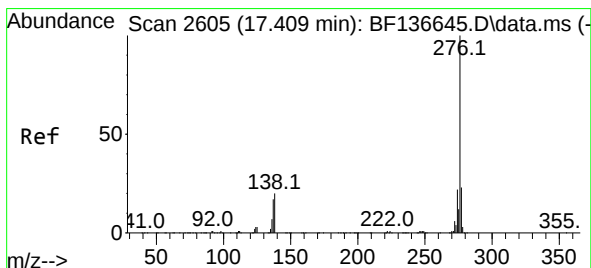
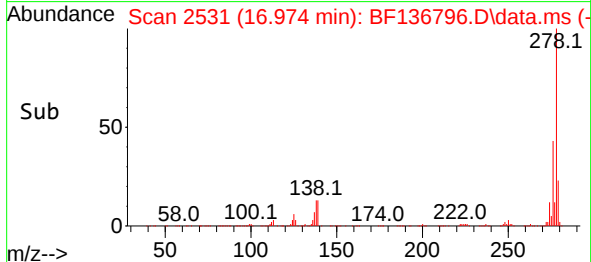
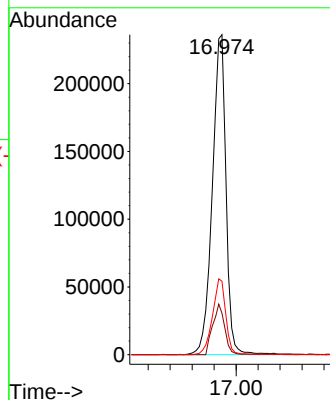
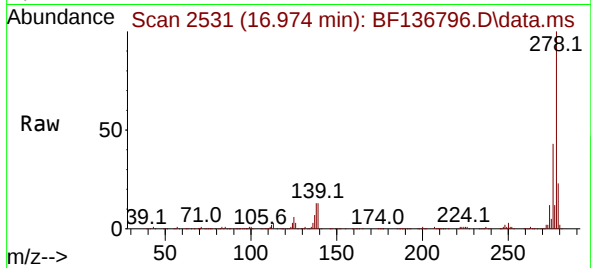




#91
Dibenzo(a,h)anthracene
Concen: 45.731 ng
RT: 16.974 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF136796.D
Acq: 28 Dec 2023 16:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 408500
Ion Ratio Lower Upper
278 100
139 12.9 12.2 18.4
279 23.0 17.8 26.6



#92
Benzo(g,h,i)perylene
Concen: 46.647 ng
RT: 17.409 min Scan# 2605
Delta R.T. 0.000 min
Lab File: BF136796.D
Acq: 28 Dec 2023 16:39

Tgt Ion:276 Resp: 426777
Ion Ratio Lower Upper
276 100
277 24.5 18.3 27.5
138 18.9 15.6 23.4

