

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102823\
 Data File : BF136002.D
 Acq On : 28 Oct 2023 13:27
 Operator : CG\JU
 Sample : PB156435BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156435BL

Quant Time: Oct 30 00:24:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 26 03:58:01 2023
 Response via : Initial Calibration

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

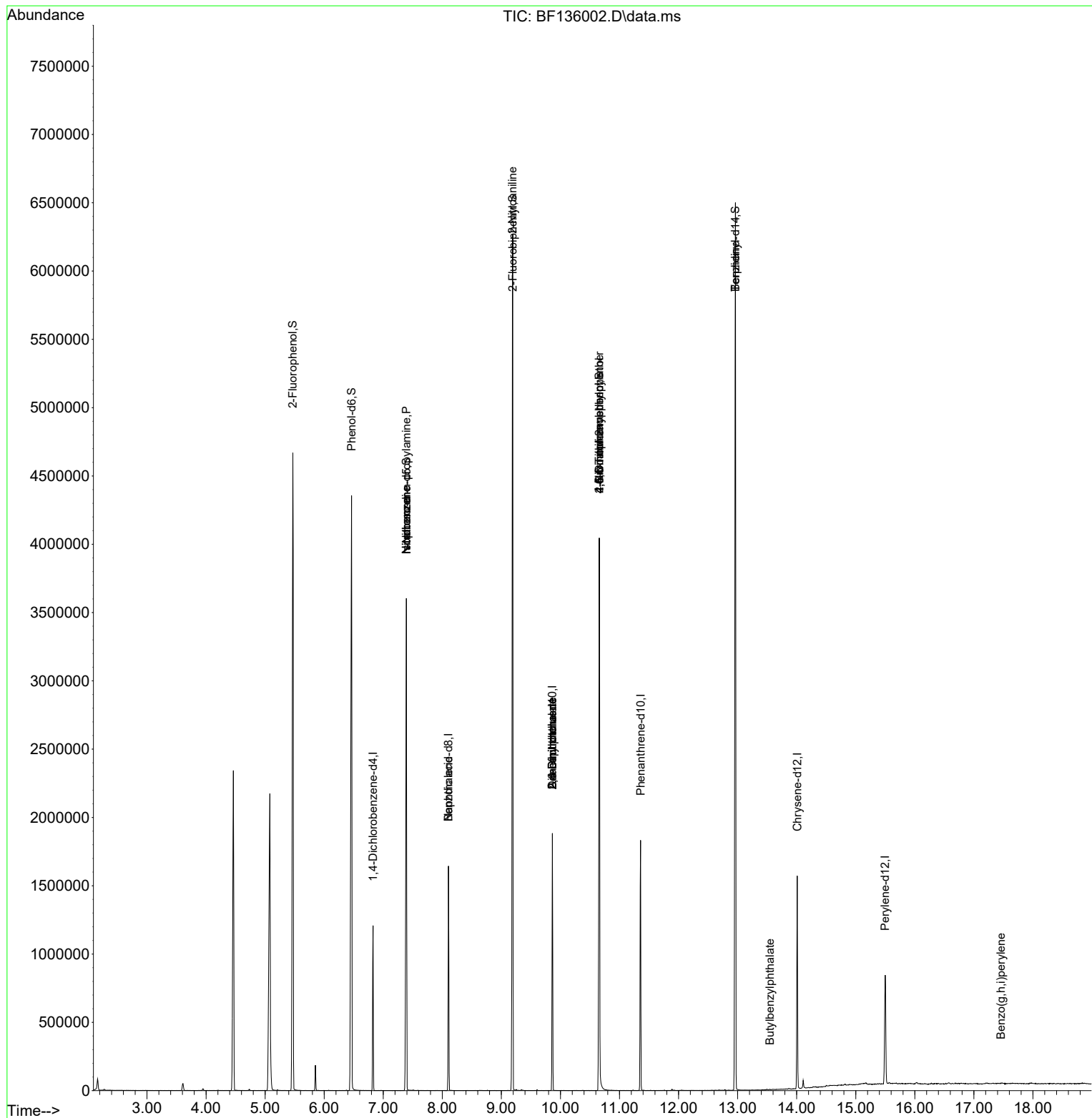
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	163699	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	654693	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	345000	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	644448	20.000	ng	0.00
76) Chrysene-d12	14.009	240	478951	20.000	ng	0.00
86) Perylene-d12	15.498	264	378710	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1662856	156.856	ng	0.02
7) Phenol-d6	6.463	99	2048891	155.242	ng	0.00
23) Nitrobenzene-d5	7.392	82	1201800	114.679	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	613702	203.228	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	2113128	98.077	ng	0.00
79) Terphenyl-d14	12.963	244	2734713	95.398	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.392	70	158257	21.087	ng	# 76
24) Nitrobenzene	7.392	77	3535	2.890	ng	# 30
25) Isophorone	7.392	82	1199929	57.984	ng	# 64
32) Benzoic acid	8.104	122	84	5.740	ng	# 1
48) 2-Nitroaniline	9.186	65	3412	4.895	ng	# 1
50) Dimethylphthalate	9.863	163	68229	3.050	ng	# 1
51) 2,6-Dinitrotoluene	9.863	165	44024	13.392	ng	# 20
57) 2,4-Dinitrotoluene	9.863	165	44024	12.565	ng	# 25
62) 4-Nitroaniline	10.657	138	58	4.659	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.657	198	1500	7.830	ng	# 1
67) 4-Bromophenyl-phenylether	10.657	248	37235	5.642	ng	# 1
77) Benzidine	12.963	184	32275	3.495	ng	# 92
80) Butylbenzylphthalate	13.545	149	131	3.835	ng	# 26
92) Benzo(g,h,i)perylene	17.456	276	1195	3.810	ng	# 52

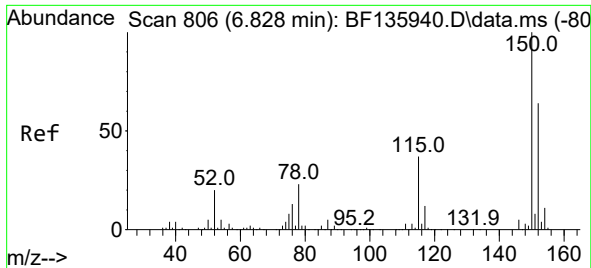
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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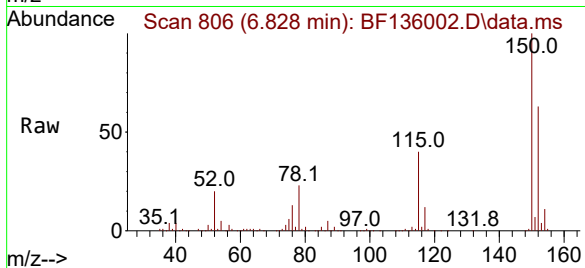
Quant Time: Oct 30 00:24:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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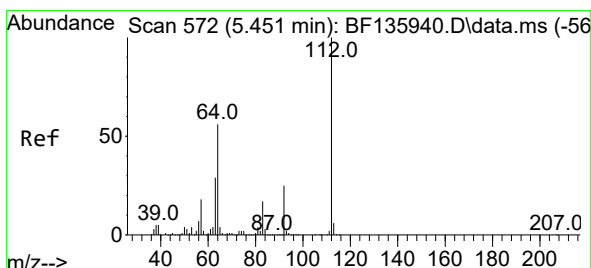
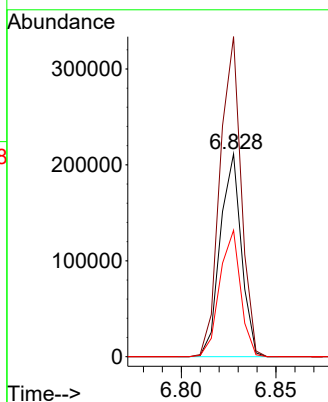
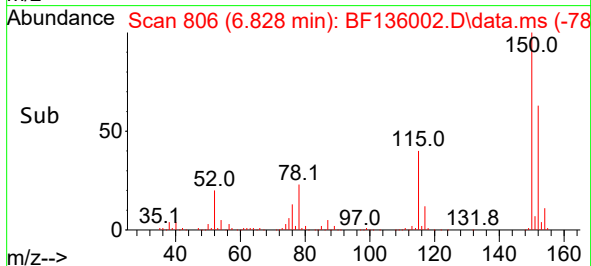


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF136002.D
Acq: 28 Oct 2023 13:27

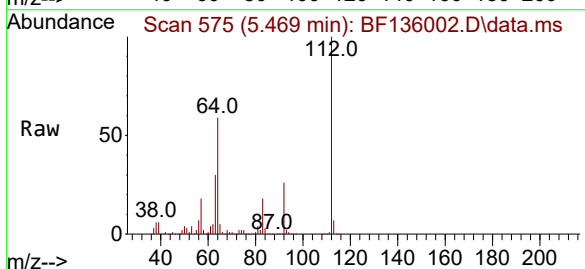
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BNA_F
ClientSampleId :
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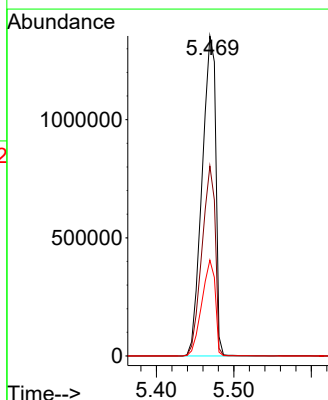
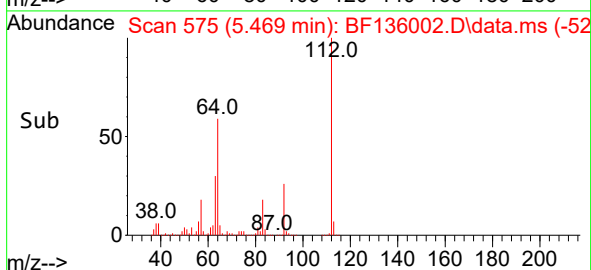
Tgt Ion:152 Resp: 163699
Ion Ratio Lower Upper
152 100
150 157.8 124.6 186.8
115 62.4 46.6 69.8

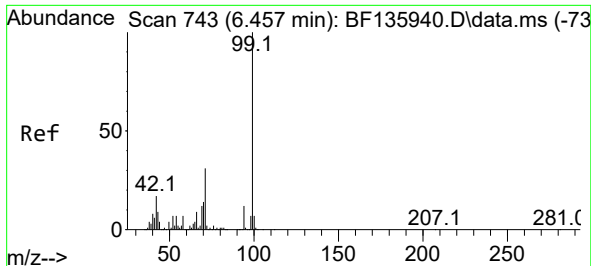


#5
2-Fluorophenol
Concen: 156.856 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.018 min
Lab File: BF136002.D
Acq: 28 Oct 2023 13:27



Tgt Ion:112 Resp: 1662856
Ion Ratio Lower Upper
112 100
64 59.4 45.1 67.7
63 30.0 23.0 34.4

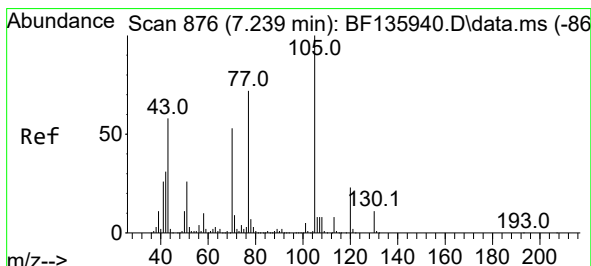
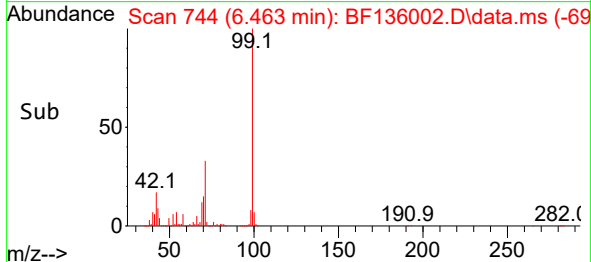
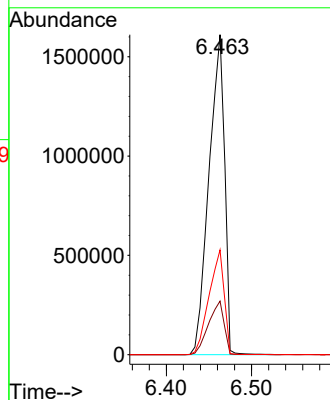
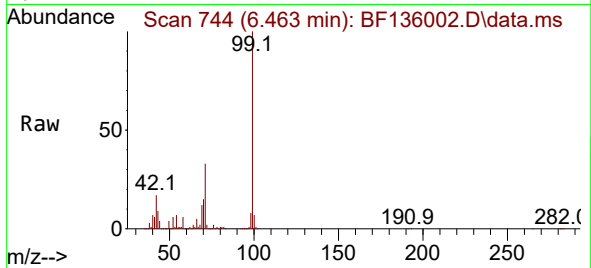




#7
Phenol-d6
Concen: 155.242 ng
RT: 6.463 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF136002.D
Acq: 28 Oct 2023 13:27

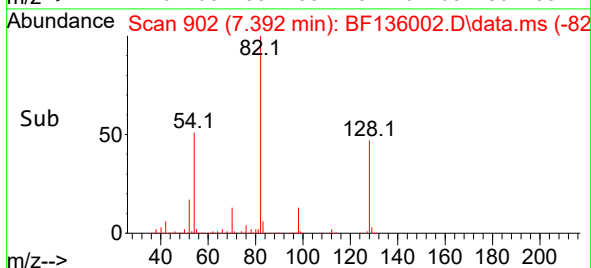
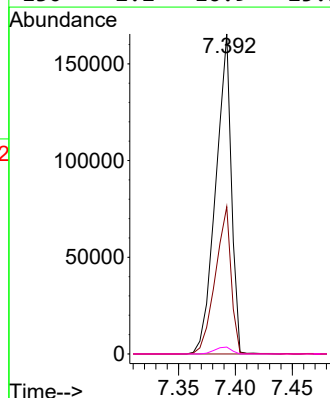
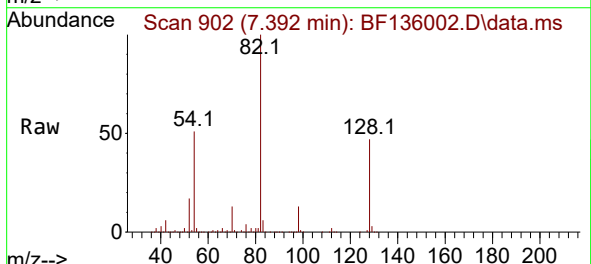
Instrument :
BNA_F
ClientSampleId :
PB156435BL

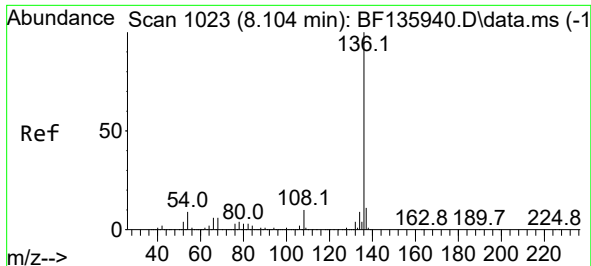
Tgt Ion: 99 Resp: 2048891
Ion Ratio Lower Upper
99 100
42 16.7 13.8 20.8
71 32.7 25.1 37.7



#19
n-Nitroso-di-n-propylamine
Concen: 21.087 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.153 min
Lab File: BF136002.D
Acq: 28 Oct 2023 13:27

Tgt Ion: 70 Resp: 158257
Ion Ratio Lower Upper
70 100
42 46.0 47.3 70.9#
101 0.0 7.8 11.8#
130 2.2 16.9 25.3#

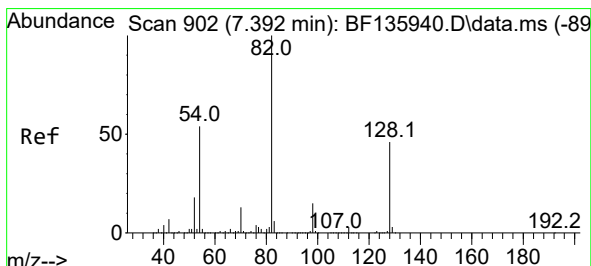
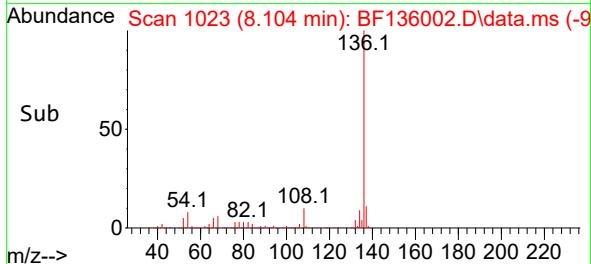
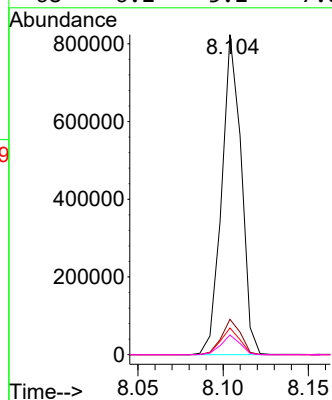
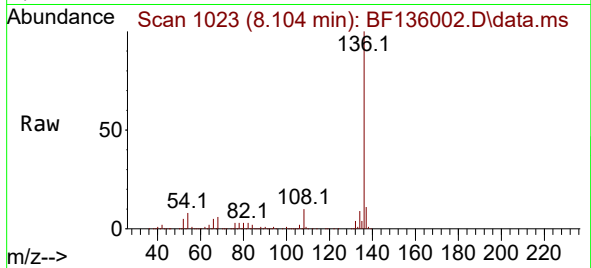




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF136002.D
Acq: 28 Oct 2023 13:27

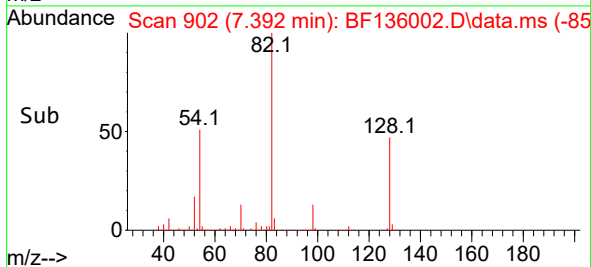
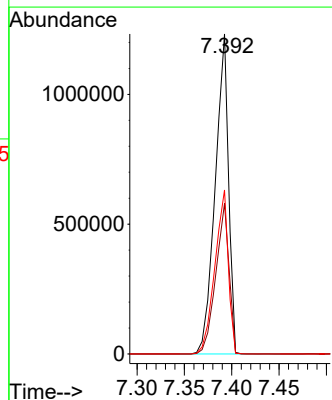
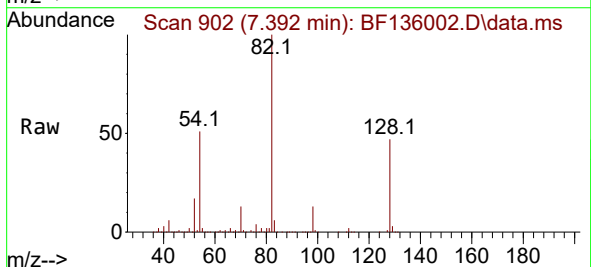
Instrument :
BNA_F
ClientSampleId :
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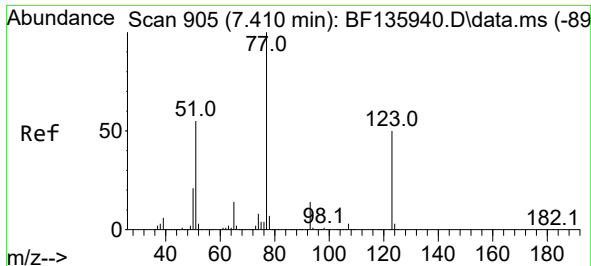
Tgt Ion:136 Resp: 654693
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 8.4 7.1 10.7
68 6.2 5.2 7.8



#23
Nitrobenzene-d5
Concen: 114.679 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.000 min
Lab File: BF136002.D
Acq: 28 Oct 2023 13:27

Tgt Ion: 82 Resp: 1201800
Ion Ratio Lower Upper
82 100
128 47.0 36.8 55.2
54 51.2 43.4 65.0

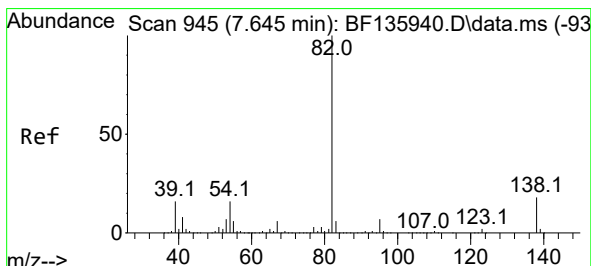
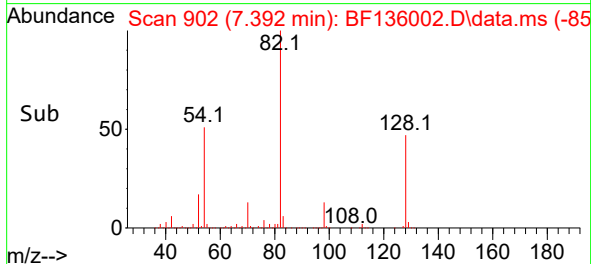
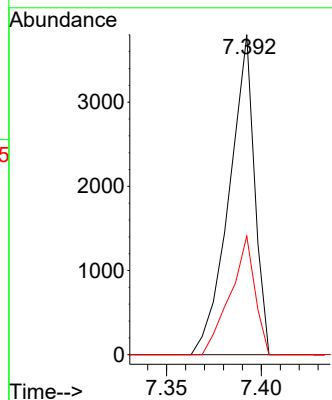
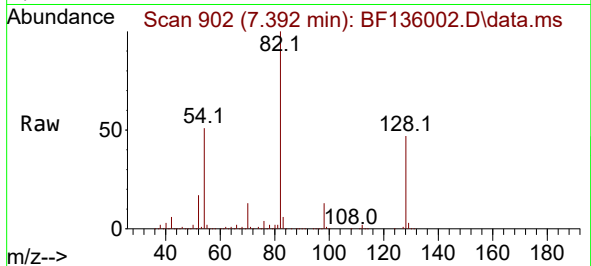




#24
Nitrobenzene
Concen: 2.890 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.018 min
Lab File: BF136002.D
Acq: 28 Oct 2023 13:27

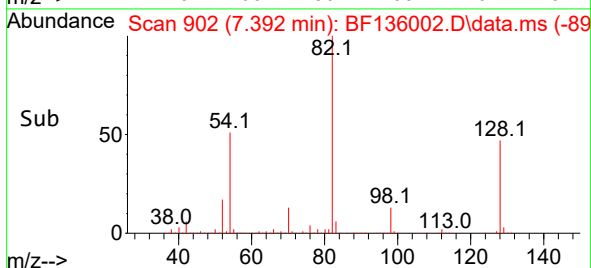
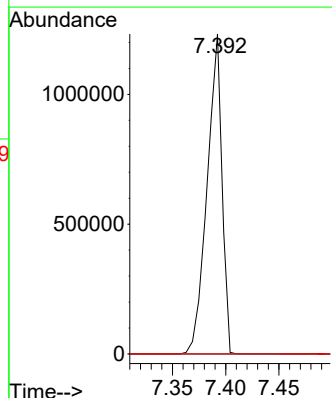
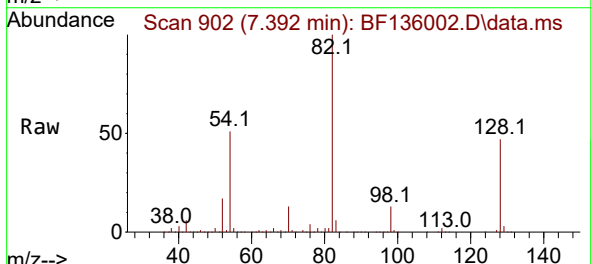
Instrument :
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ClientSampleId :
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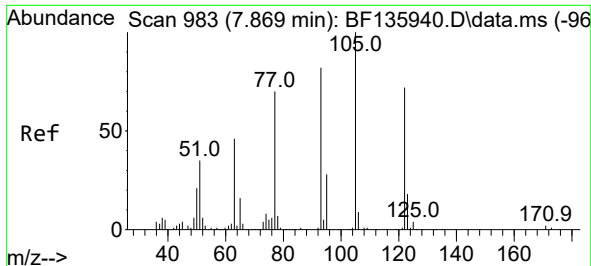
Tgt Ion: 77 Resp: 3535
Ion Ratio Lower Upper
77 100
123 0.0 40.2 60.2#
65 37.1 11.0 16.4#



#25
Isophorone
Concen: 57.984 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.253 min
Lab File: BF136002.D
Acq: 28 Oct 2023 13:27

Tgt Ion: 82 Resp: 1199929
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.8 22.2#

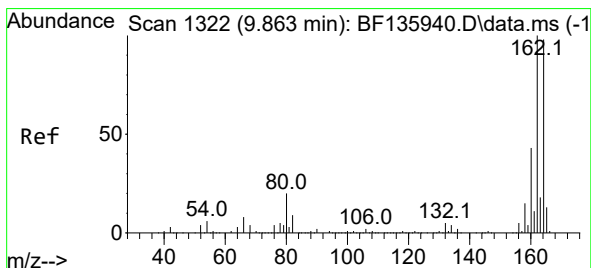
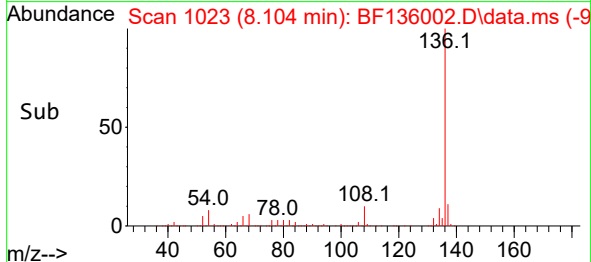
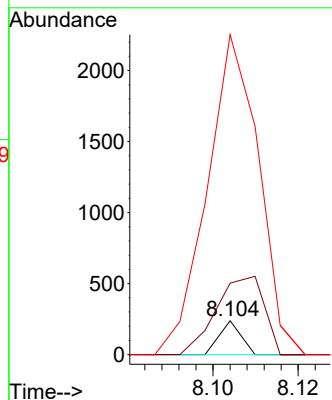
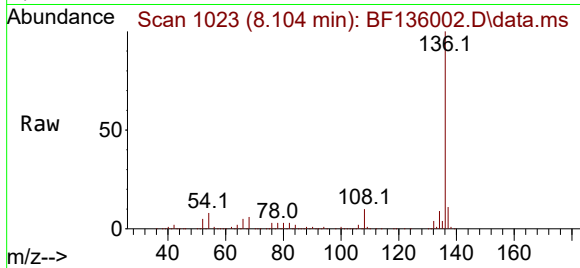




#32
Benzoic acid
Concen: 5.740 ng
RT: 8.104 min Scan# 10
Delta R.T. 0.235 min
Lab File: BF136002.D
Acq: 28 Oct 2023 13:27

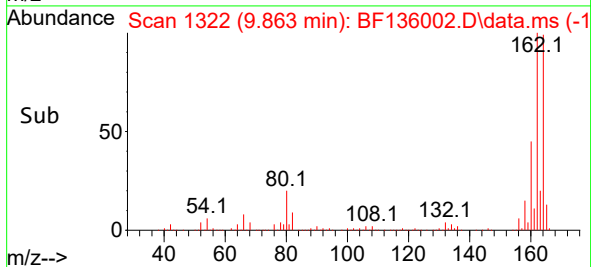
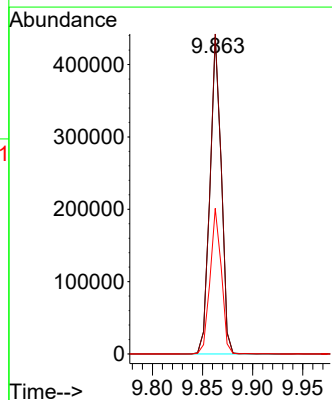
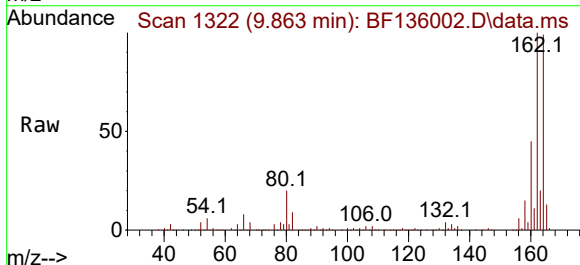
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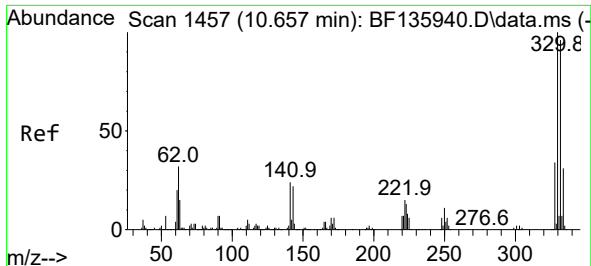
Tgt Ion:122 Resp: 84
Ion Ratio Lower Upper
122 100
105 211.3 113.1 153.1#
77 946.2 75.2 115.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF136002.D
Acq: 28 Oct 2023 13:27

Tgt Ion:164 Resp: 345000
Ion Ratio Lower Upper
164 100
162 101.0 82.0 123.0
160 46.0 35.6 53.4

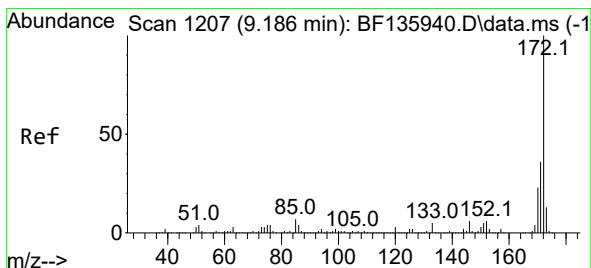
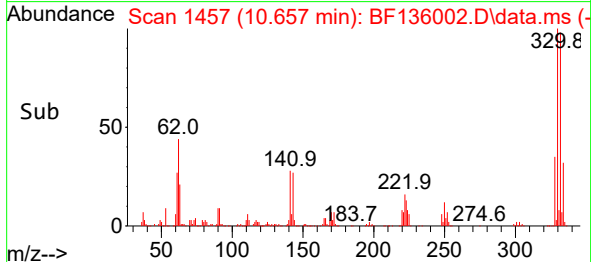
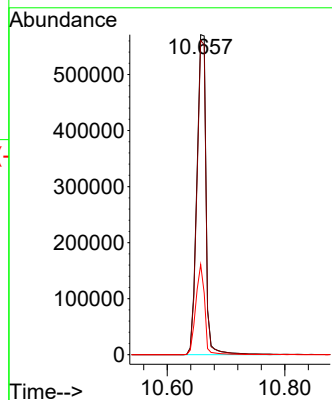
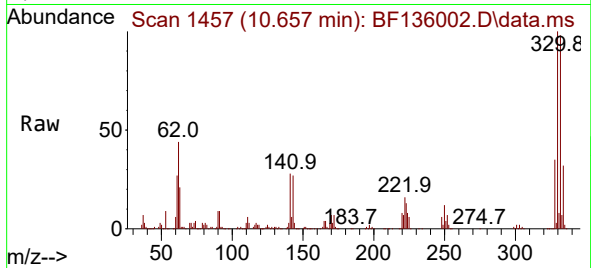




#42
2,4,6-Tribromophenol
Concen: 203.228 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.000 min
Lab File: BF136002.D
Acq: 28 Oct 2023 13:27

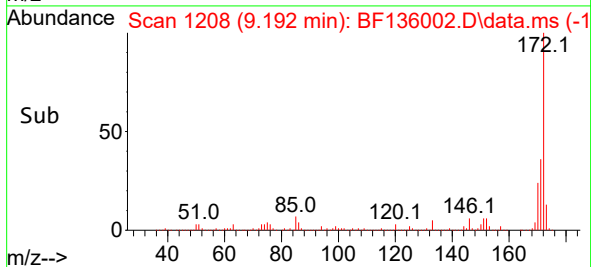
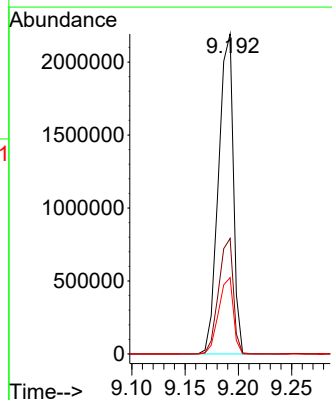
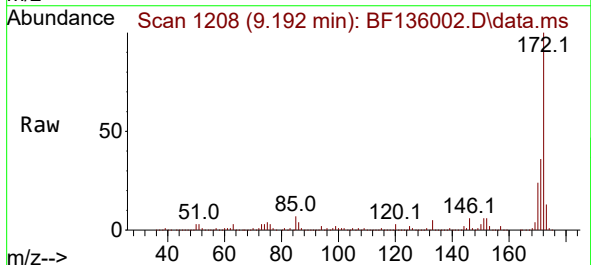
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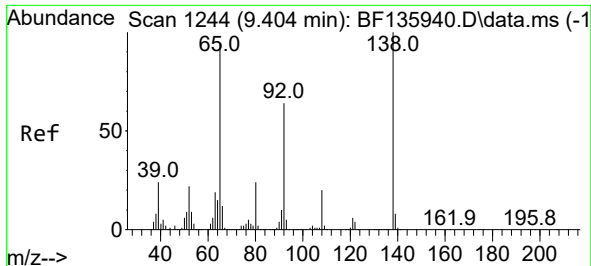
Tgt Ion:330 Resp: 613702
Ion Ratio Lower Upper
330 100
332 97.0 77.4 116.2
141 27.5 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 98.077 ng
RT: 9.192 min Scan# 1208
Delta R.T. 0.006 min
Lab File: BF136002.D
Acq: 28 Oct 2023 13:27

Tgt Ion:172 Resp: 2113128
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 23.8 18.6 28.0

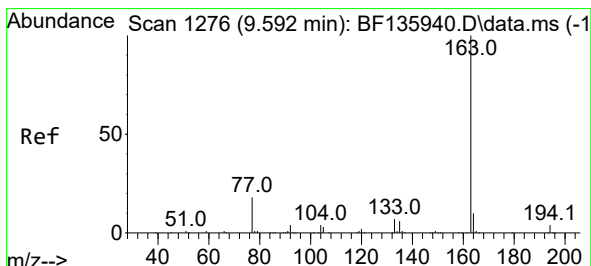
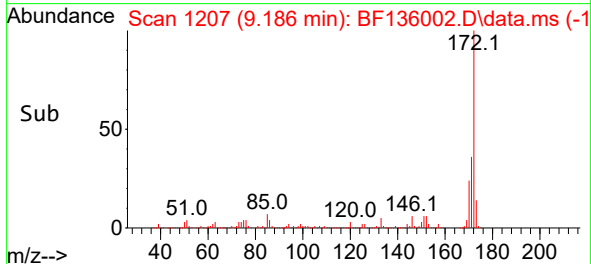
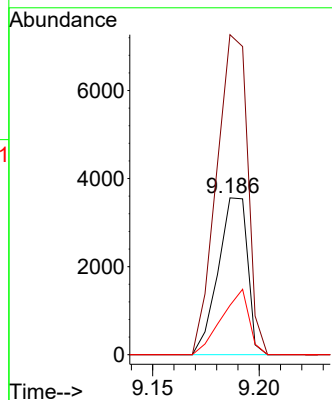
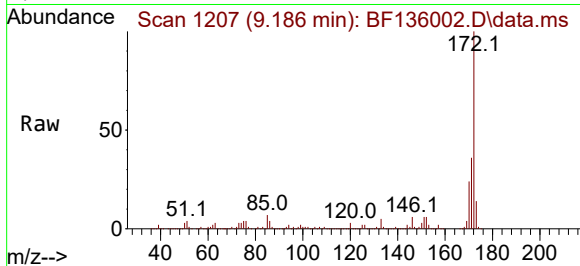




#48
2-Nitroaniline
Concen: 4.895 ng
RT: 9.186 min Scan# 11
Delta R.T. -0.218 min
Lab File: BF136002.D
Acq: 28 Oct 2023 13:27

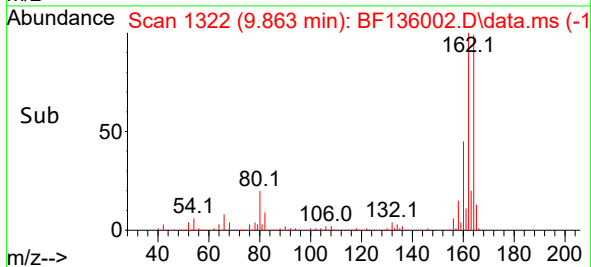
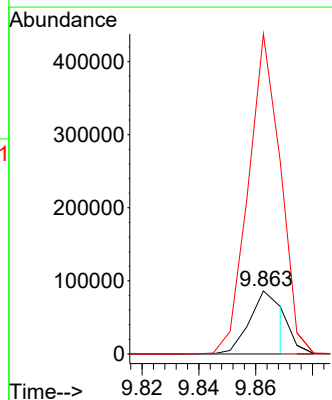
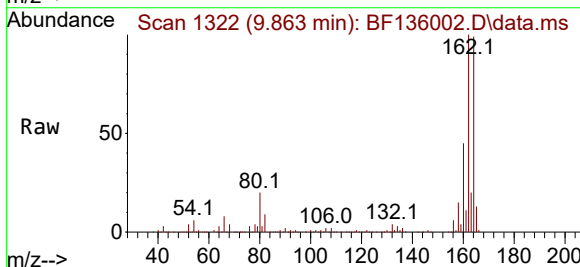
Instrument :
BNA_F
ClientSampleId :
PB156435BL

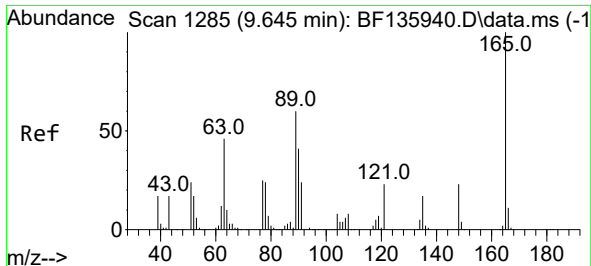
Tgt Ion: 65 Resp: 3412
Ion Ratio Lower Upper
65 100
92 204.0 54.9 82.3#
138 31.4 85.2 127.8#



#50
Dimethylphthalate
Concen: 3.050 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.271 min
Lab File: BF136002.D
Acq: 28 Oct 2023 13:27

Tgt Ion: 163 Resp: 68229
Ion Ratio Lower Upper
163 100
194 0.0 3.4 5.0#
164 507.3 8.3 12.5#

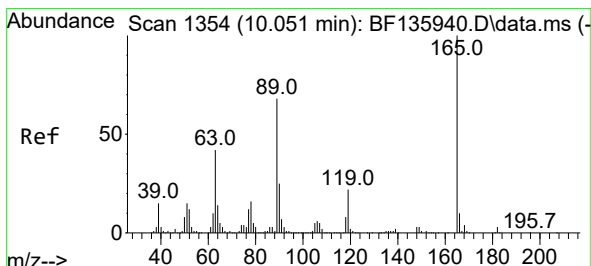
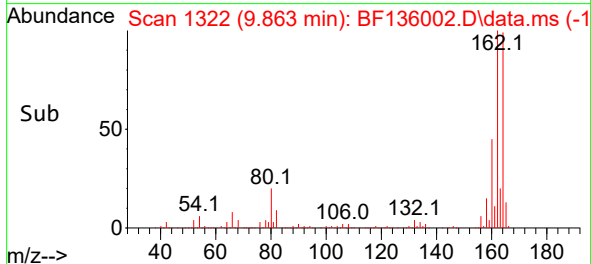
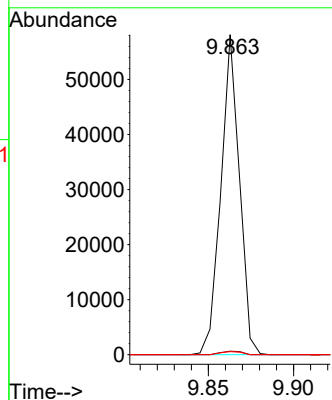
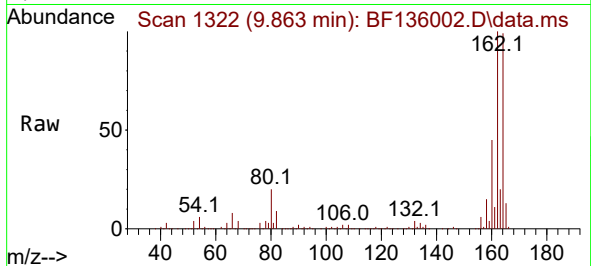




#51
2,6-Dinitrotoluene
Concen: 13.392 ng
RT: 9.863 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF136002.D
Acq: 28 Oct 2023 13:27

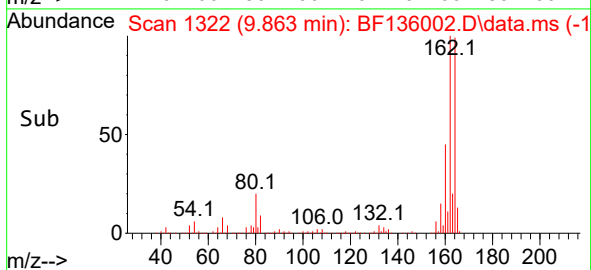
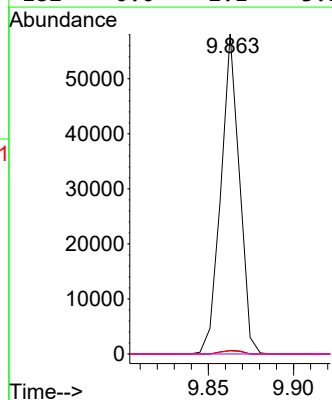
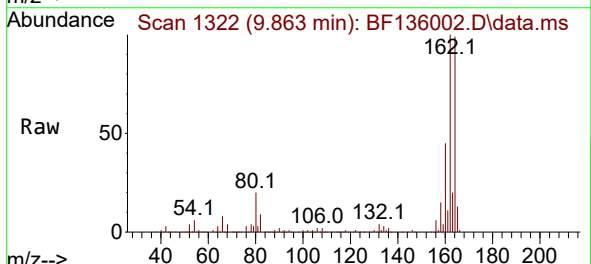
Instrument :
BNA_F
ClientSampleId :
PB156435BL

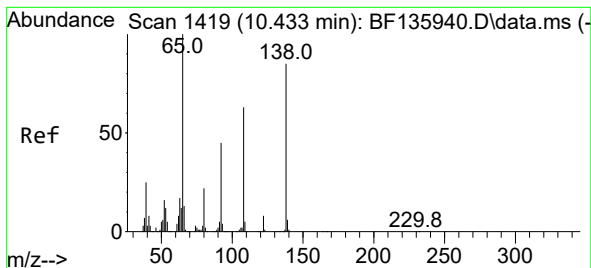
Tgt Ion:165 Resp: 44024
Ion Ratio Lower Upper
165 100
63 1.1 51.7 77.5#
89 1.0 48.3 72.5#



#57
2,4-Dinitrotoluene
Concen: 12.565 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.188 min
Lab File: BF136002.D
Acq: 28 Oct 2023 13:27

Tgt Ion:165 Resp: 44024
Ion Ratio Lower Upper
165 100
63 1.1 33.7 50.5#
89 1.0 54.6 81.8#
182 0.0 2.1 3.1#

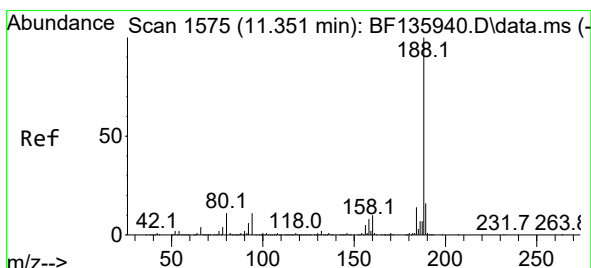
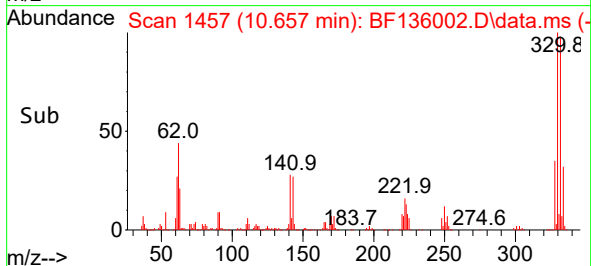
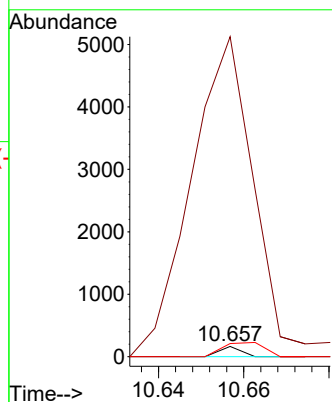
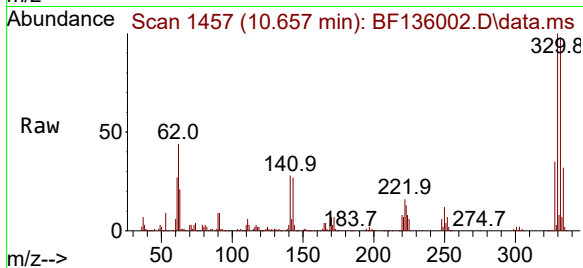




#62
4-Nitroaniline
Concen: 4.659 ng
RT: 10.657 min Scan# 1419
Delta R.T. 0.224 min
Lab File: BF136002.D
Acq: 28 Oct 2023 13:27

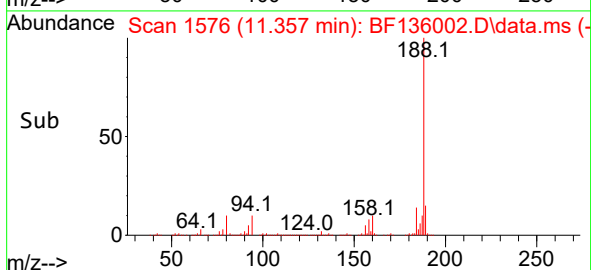
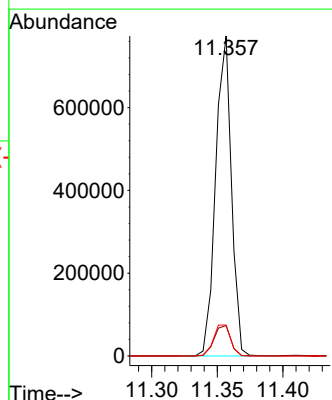
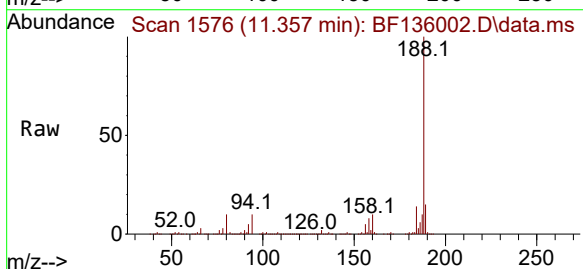
Instrument :
BNA_F
ClientSampleId :
PB156435BL

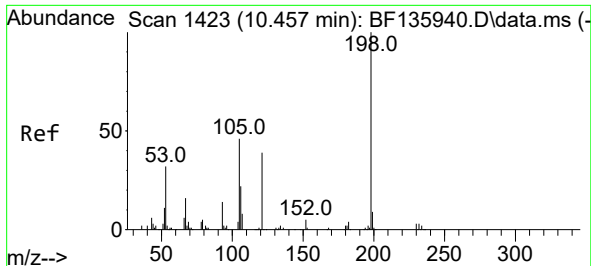
Tgt Ion:138 Resp: 58
Ion Ratio Lower Upper
138 100
92 3125.6 32.9 72.9#
108 127.4 53.5 93.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. 0.006 min
Lab File: BF136002.D
Acq: 28 Oct 2023 13:27

Tgt Ion:188 Resp: 644448
Ion Ratio Lower Upper
188 100
94 9.5 8.6 13.0
80 9.7 9.0 13.6

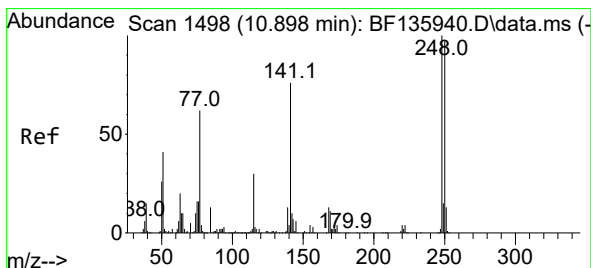
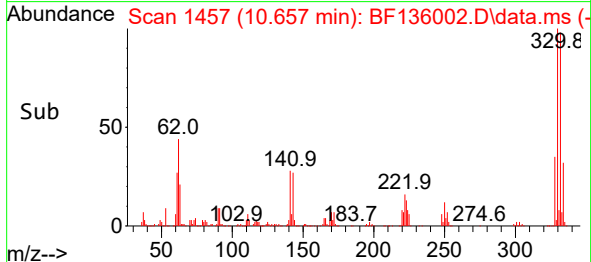
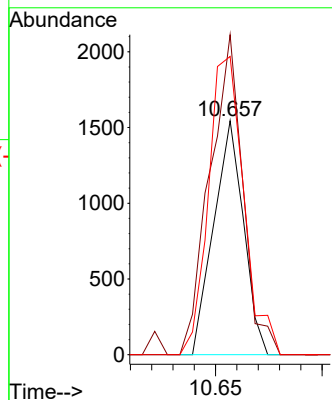
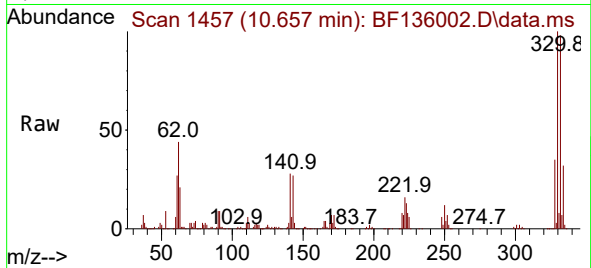




#65
4,6-Dinitro-2-methylphenol
Concen: 7.830 ng
RT: 10.657 min Scan# 1423
Delta R.T. 0.200 min
Lab File: BF136002.D
Acq: 28 Oct 2023 13:27

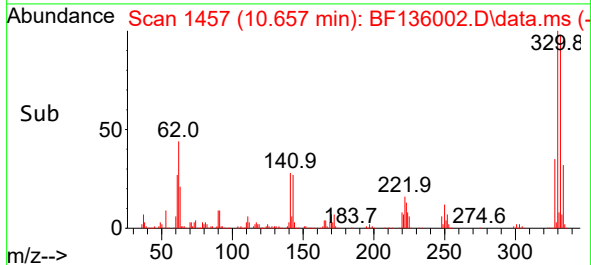
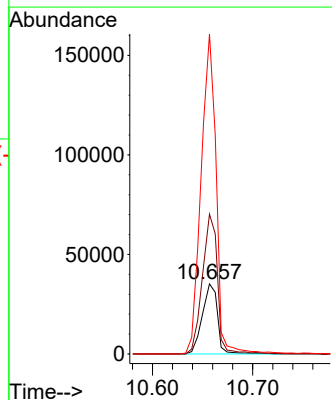
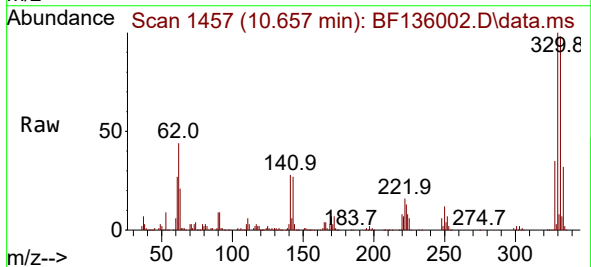
Instrument :
BNA_F
ClientSampleId :
PB156435BL

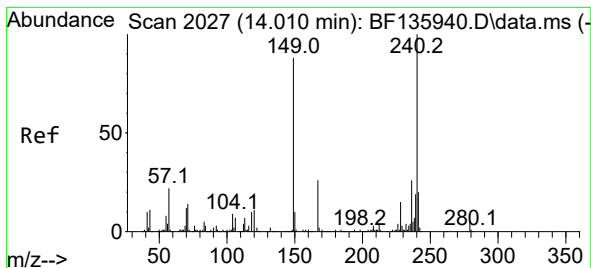
Tgt Ion:198 Resp: 1500
Ion Ratio Lower Upper
198 100
51 136.8 28.7 68.7#
105 127.4 27.2 67.2#



#67
4-Bromophenyl-phenylether
Concen: 5.642 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.241 min
Lab File: BF136002.D
Acq: 28 Oct 2023 13:27

Tgt Ion:248 Resp: 37235
Ion Ratio Lower Upper
248 100
250 199.5 77.9 116.9#
141 456.4 60.8 91.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.009 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF136002.D

Acq: 28 Oct 2023 13:27

Instrument :

BNA_F

ClientSampleId :

PB156435BL

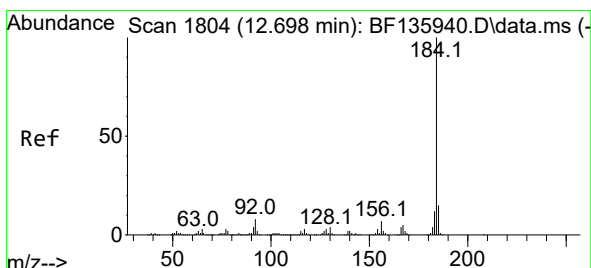
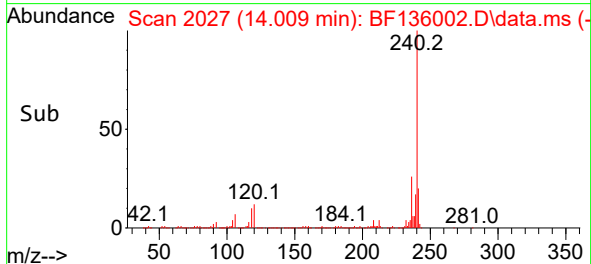
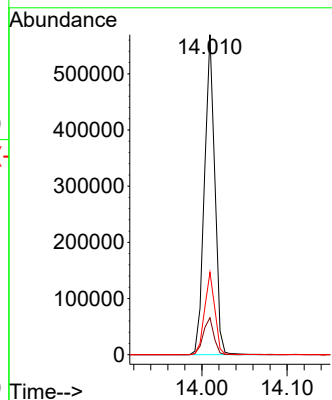
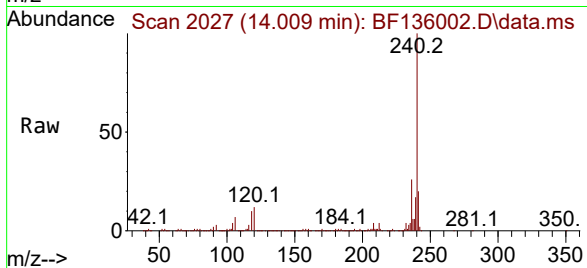
Tgt Ion:240 Resp: 478951

Ion Ratio Lower Upper

240 100

120 11.6 8.6 13.0

236 25.8 20.6 30.8



#77

Benzidine

Concen: 3.495 ng

RT: 12.963 min Scan# 1849

Delta R.T. 0.265 min

Lab File: BF136002.D

Acq: 28 Oct 2023 13:27

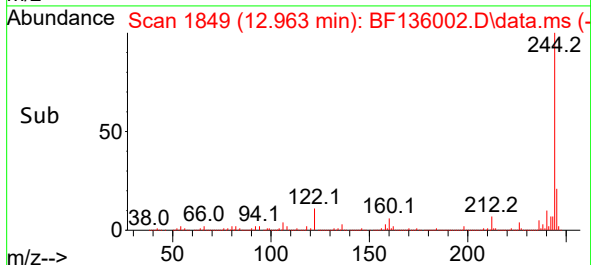
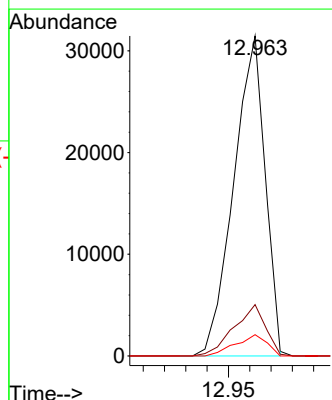
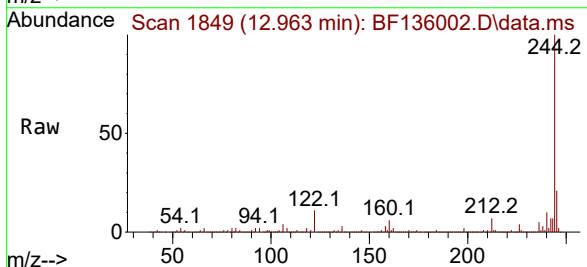
Tgt Ion:184 Resp: 32275

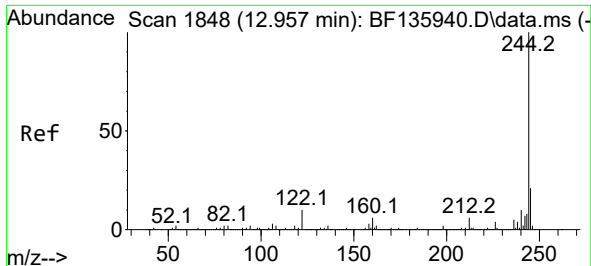
Ion Ratio Lower Upper

184 100

185 16.0 11.7 17.5

183 6.6 9.2 13.8#

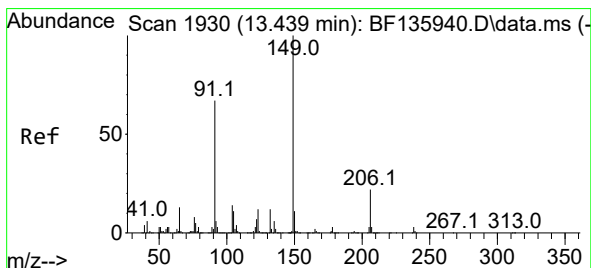
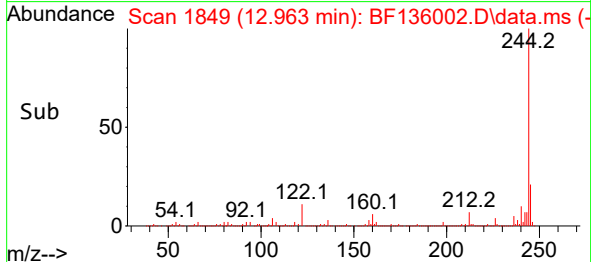
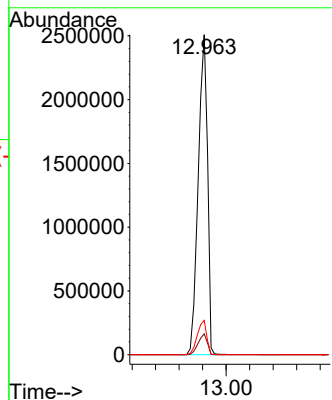
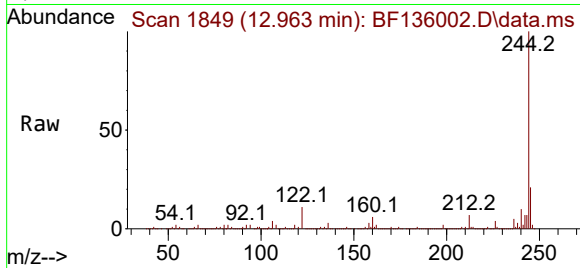




#79
 Terphenyl-d14
 Concen: 95.398 ng
 RT: 12.963 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF136002.D
 Acq: 28 Oct 2023 13:27

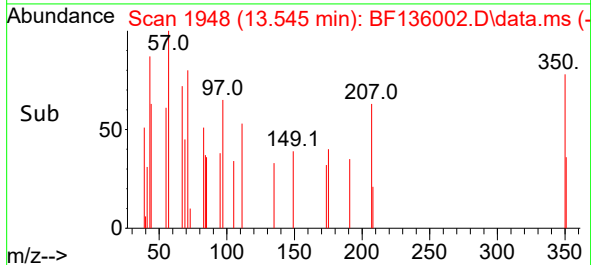
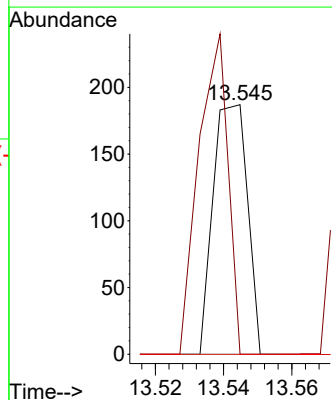
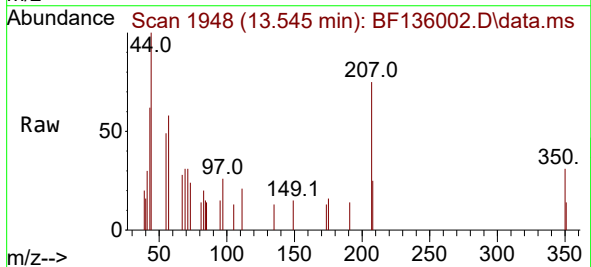
Instrument :
 BNA_F
 ClientSampleId :
 PB156435BL

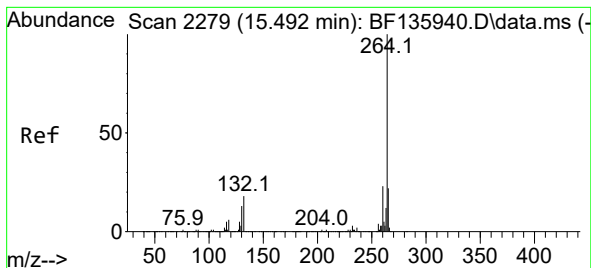
Tgt Ion:244 Resp: 2734713
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.0 7.6
 122 10.7 8.0 12.0



#80
 Butylbenzylphthalate
 Concen: 3.835 ng
 RT: 13.545 min Scan# 1948
 Delta R.T. 0.106 min
 Lab File: BF136002.D
 Acq: 28 Oct 2023 13:27

Tgt Ion:149 Resp: 131
 Ion Ratio Lower Upper
 149 100
 91 0.0 53.4 80.0#
 206 0.0 17.5 26.3#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136002.D

Acq: 28 Oct 2023 13:27

Instrument :

BNA_F

ClientSampleId :

PB156435BL

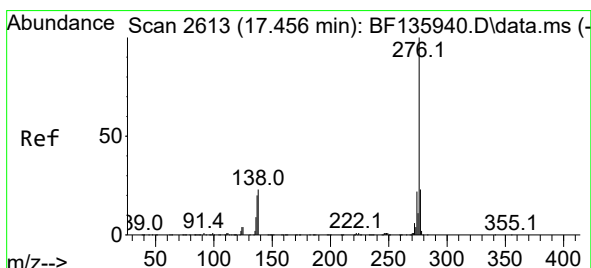
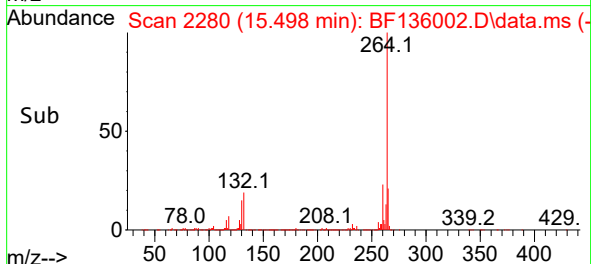
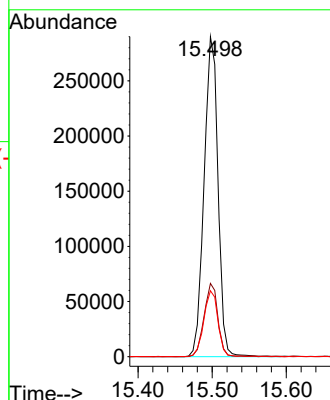
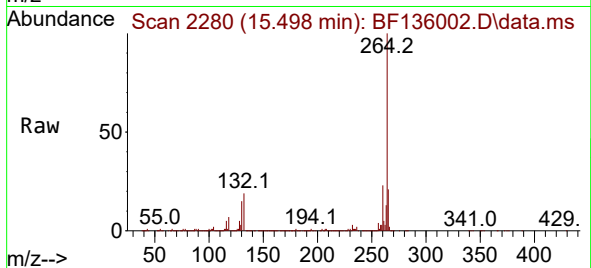
Tgt Ion:264 Resp: 378710

Ion Ratio Lower Upper

264 100

260 22.9 18.6 28.0

265 20.6 17.3 25.9



#92

Benzo(g,h,i)perylene

Concen: 3.810 ng

RT: 17.456 min Scan# 2613

Delta R.T. 0.000 min

Lab File: BF136002.D

Acq: 28 Oct 2023 13:27

Tgt Ion:276 Resp: 1195

Ion Ratio Lower Upper

276 100

277 0.0 18.6 28.0#

138 0.0 18.4 27.6#

