

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090523\
 Data File : BF135106.D
 Acq On : 05 Sep 2023 21:53
 Operator : CG\JU
 Sample : 03972-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 356

Quant Time: Sep 06 01:57:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 03:48:08 2023
 Response via : Initial Calibration

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

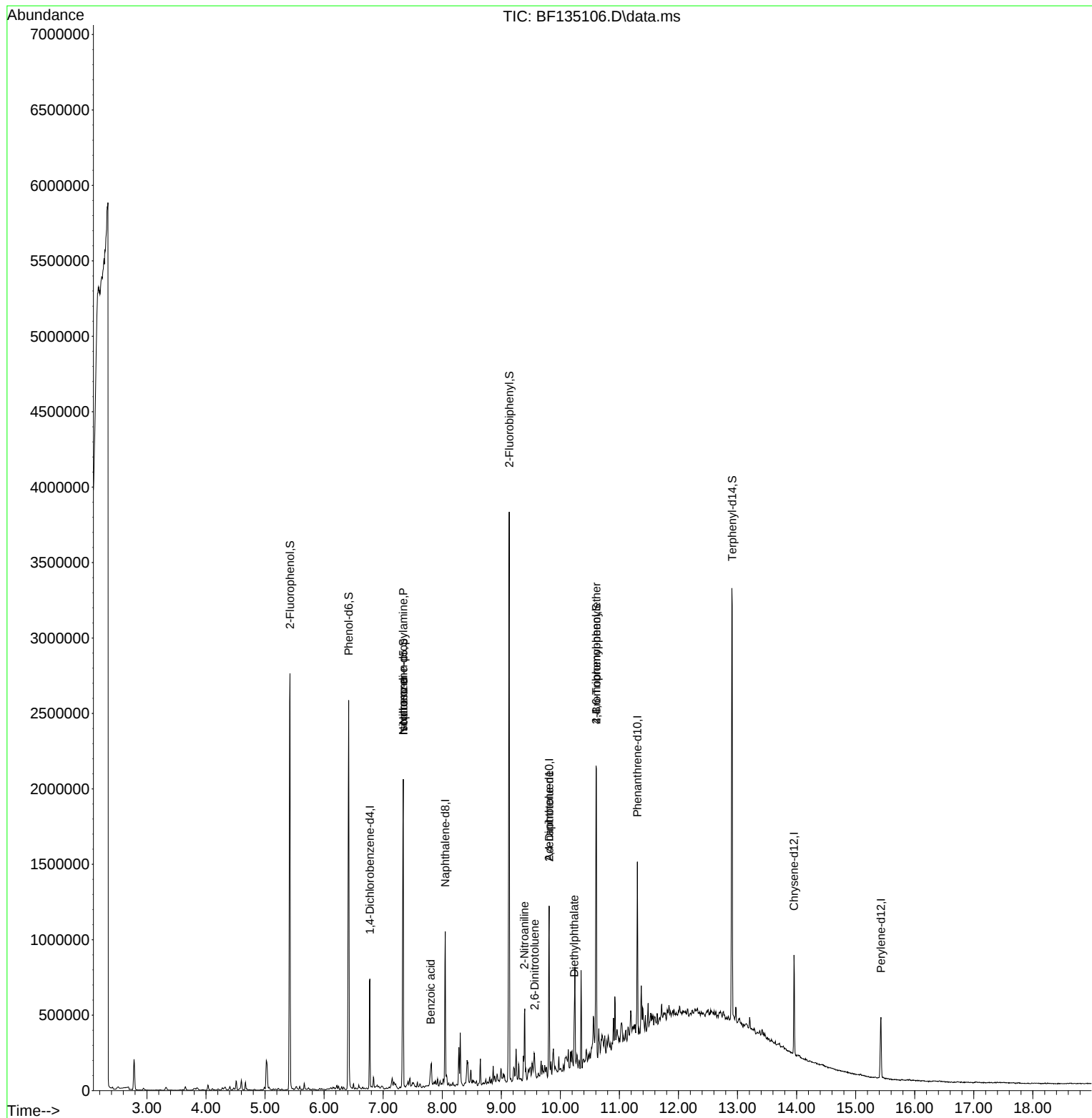
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	104546	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	433629	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	216374	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	383252	20.000	ng	0.00
76) Chrysene-d12	13.957	240	214139	20.000	ng	0.00
86) Perylene-d12	15.427	264	194476	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	807577	119.316	ng	0.02
7) Phenol-d6	6.416	99	907025	107.514	ng	0.00
23) Nitrobenzene-d5	7.340	82	683222	88.518	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	271208	118.159	ng	0.00
45) 2-Fluorobiphenyl	9.134	172	1191335	89.642	ng	0.00
79) Terphenyl-d14	12.910	244	1170727	89.218	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.340	70	94085	18.775	ng	# 77
25) Isophorone	7.340	82	683105	46.679	ng	# 65
32) Benzoic acid	7.804	122	22302	4.427	ng	# 89
48) 2-Nitroaniline	9.392	65	12084	2.840	ng	# 15
51) 2,6-Dinitrotoluene	9.563	165	8794	2.645	ng	# 47
57) 2,4-Dinitrotoluene	9.810	165	28759	6.942	ng	# 25
60) Diethylphthalate	10.233	149	72396	5.076	ng	# 98
67) 4-Bromophenyl-phenylether	10.610	248	17254	4.245	ng	# 1

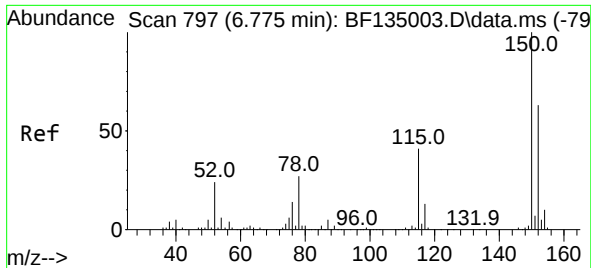
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090523\
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Quant Time: Sep 06 01:57:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 31 03:48:08 2023
Response via : Initial Calibration

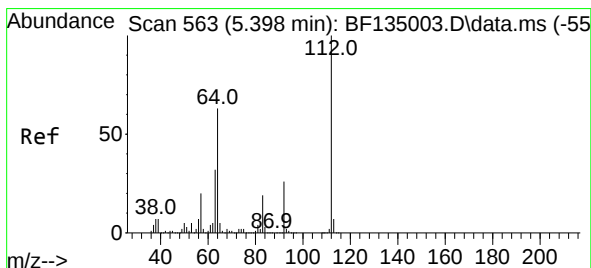
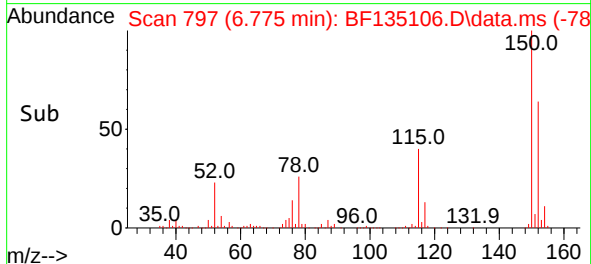
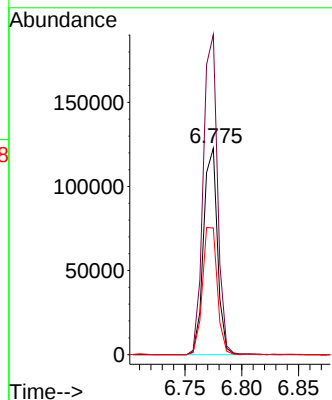
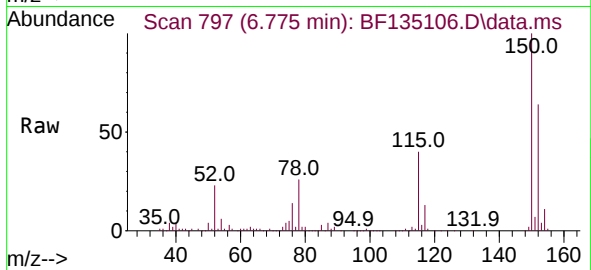




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.775 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF135106.D
Acq: 05 Sep 2023 21:53

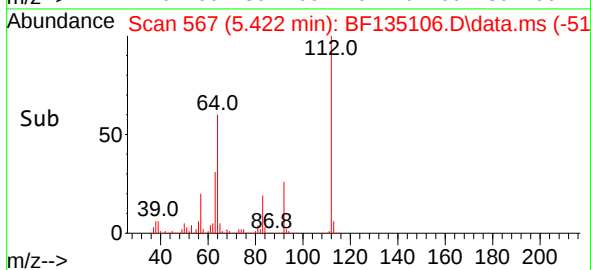
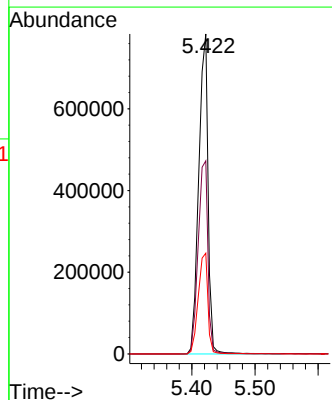
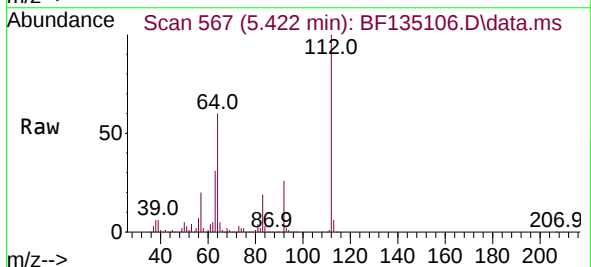
Instrument :
BNA_F
ClientSampleId :
356

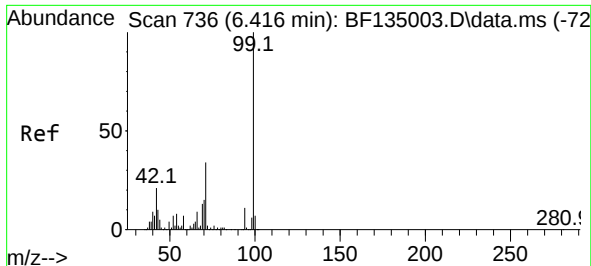
Tgt Ion:152 Resp: 104546
Ion Ratio Lower Upper
152 100
150 155.1 126.2 189.4
115 61.4 51.2 76.8



#5
2-Fluorophenol
Concen: 119.316 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.024 min
Lab File: BF135106.D
Acq: 05 Sep 2023 21:53

Tgt Ion:112 Resp: 807577
Ion Ratio Lower Upper
112 100
64 60.3 50.5 75.7
63 31.5 25.9 38.9

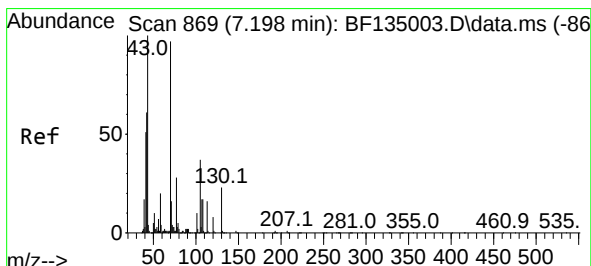
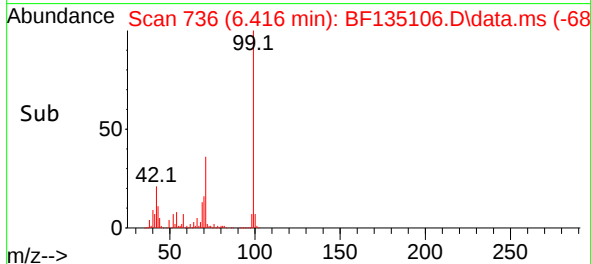
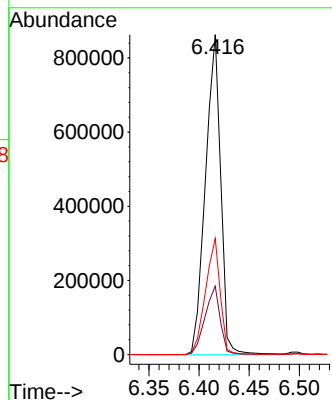
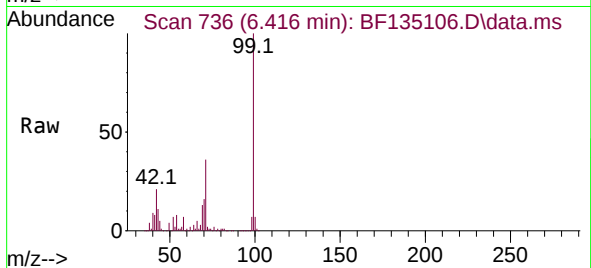




#7
Phenol-d6
Concen: 107.514 ng
RT: 6.416 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF135106.D
Acq: 05 Sep 2023 21:53

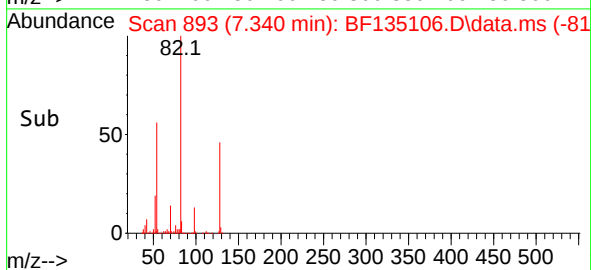
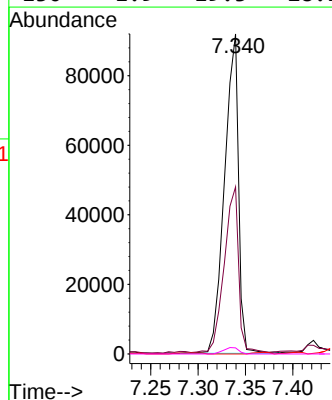
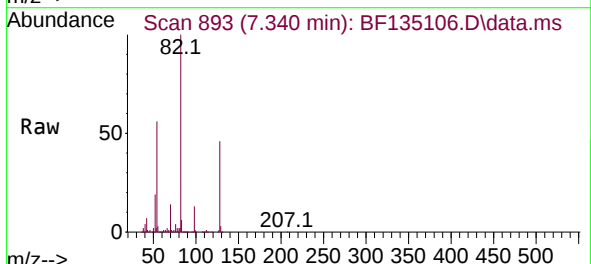
Instrument :
BNA_F
ClientSampleId :
356

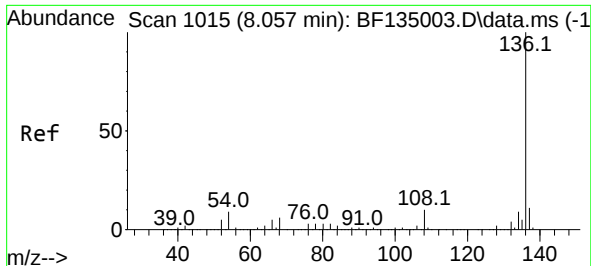
Tgt Ion:	99	Resp:	907025
Ion	Ratio	Lower	Upper
99	100		
42	21.4	16.6	25.0
71	36.3	27.0	40.6



#19
n-Nitroso-di-n-propylamine
Concen: 18.775 ng
RT: 7.340 min Scan# 893
Delta R.T. 0.141 min
Lab File: BF135106.D
Acq: 05 Sep 2023 21:53

Tgt Ion:	70	Resp:	94085
Ion	Ratio	Lower	Upper
70	100		
42	52.2	50.2	75.4
101	0.0	8.1	12.1#
130	1.9	19.3	28.9#

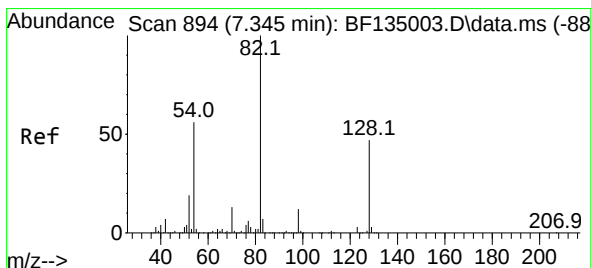
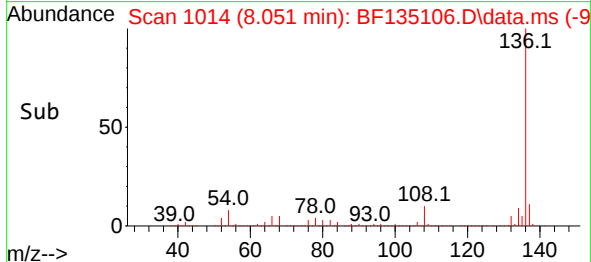
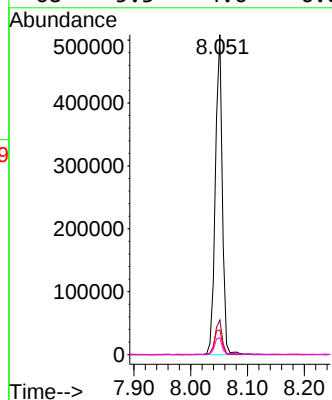
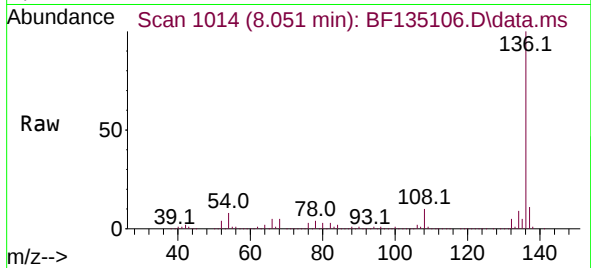




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF135106.D
Acq: 05 Sep 2023 21:53

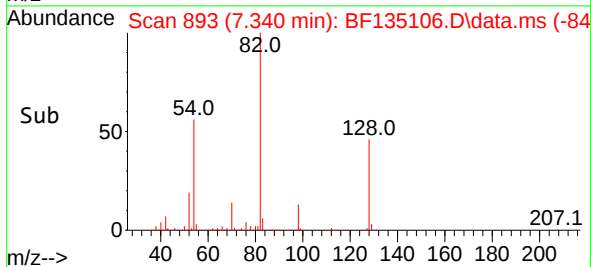
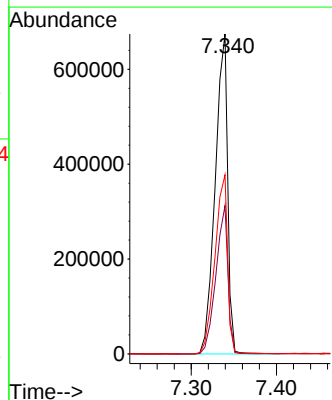
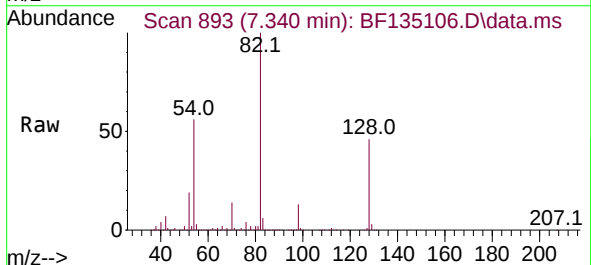
Instrument :
BNA_F
ClientSampleId :
356

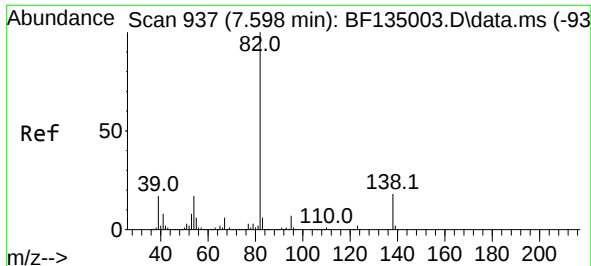
Tgt Ion:136	Resp: 433629
Ion Ratio	Lower Upper
136 100	
137 10.8	8.8 13.2
54 7.7	7.0 10.4
68 5.3	4.6 6.8



#23
Nitrobenzene-d5
Concen: 88.518 ng
RT: 7.340 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF135106.D
Acq: 05 Sep 2023 21:53

Tgt Ion: 82	Resp: 683222
Ion Ratio	Lower Upper
82 100	
128 46.3	37.8 56.8
54 56.0	45.0 67.6

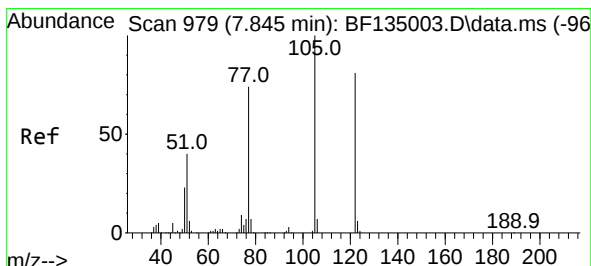
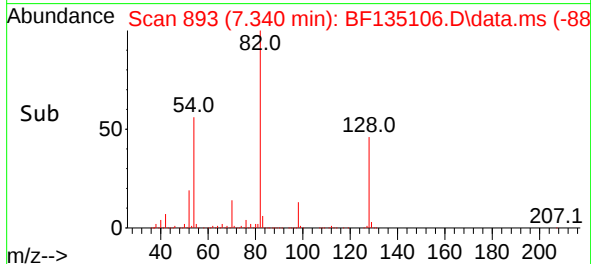
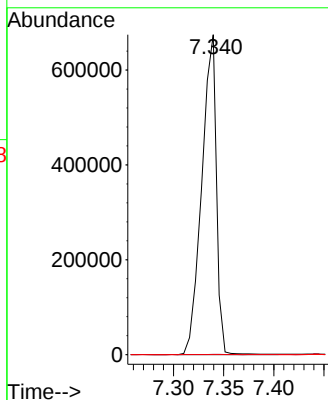
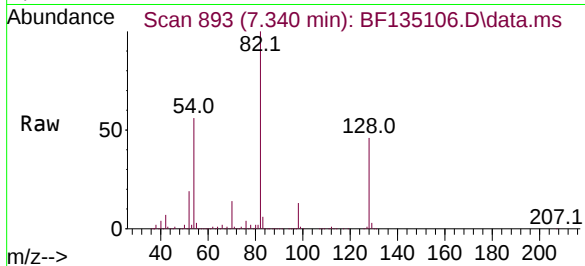




#25
Isophorone
Concen: 46.679 ng
RT: 7.340 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF135106.D
Acq: 05 Sep 2023 21:53

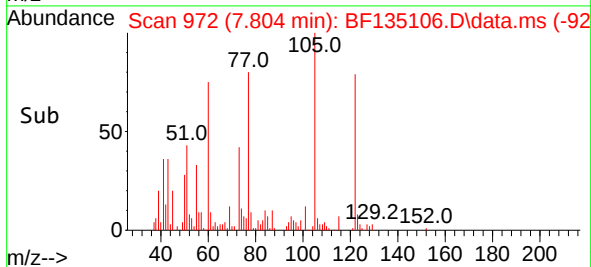
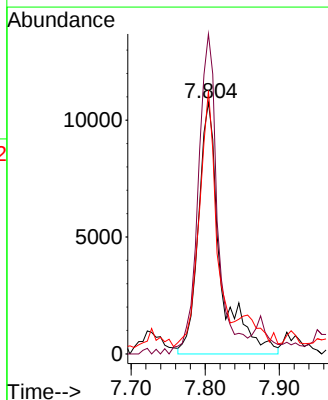
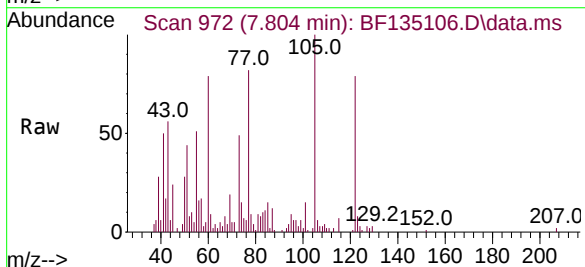
Instrument :
BNA_F
ClientSampleId :
356

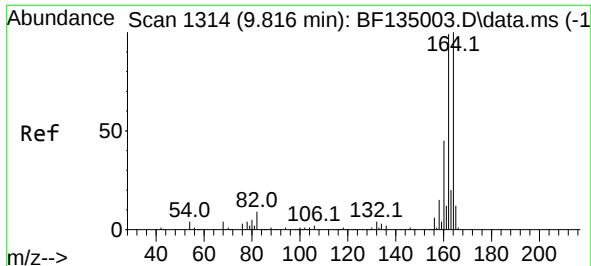
Tgt Ion: 82 Resp: 683105
Ion Ratio Lower Upper
82 100
95 0.1 5.6 8.4#
138 0.0 14.7 22.1#



#32
Benzoic acid
Concen: 4.427 ng
RT: 7.804 min Scan# 972
Delta R.T. -0.041 min
Lab File: BF135106.D
Acq: 05 Sep 2023 21:53

Tgt Ion: 122 Resp: 22302
Ion Ratio Lower Upper
122 100
105 127.2 99.8 139.8
77 104.7 69.5 109.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.810 min Scan# 1314

Delta R.T. -0.006 min

Lab File: BF135106.D

Acq: 05 Sep 2023 21:53

Instrument :

BNA_F

ClientSampleId :

356

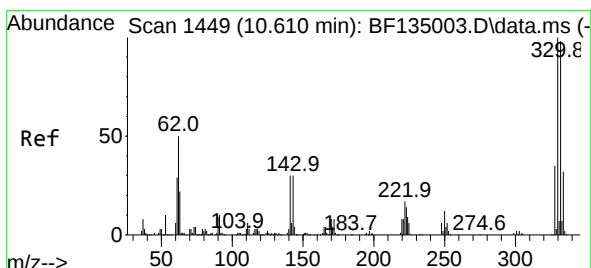
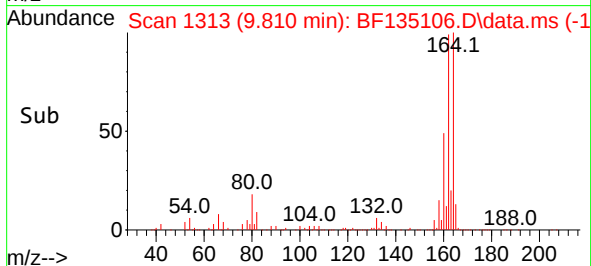
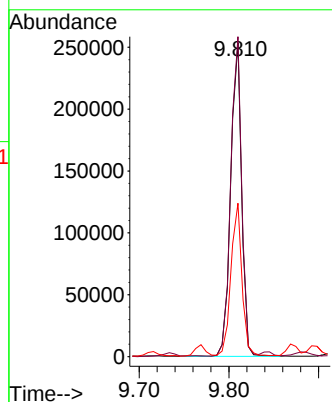
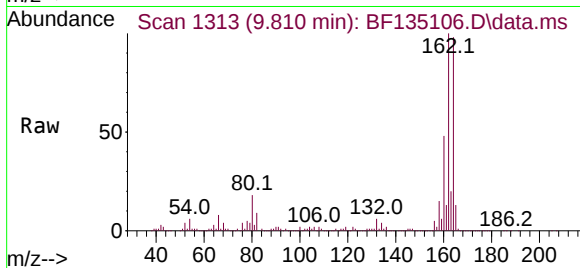
Tgt Ion:164 Resp: 216374

Ion Ratio Lower Upper

164 100

162 102.0 79.5 119.3

160 48.9 36.0 54.0



#42

2,4,6-Tribromophenol

Concen: 118.159 ng

RT: 10.610 min Scan# 1449

Delta R.T. 0.000 min

Lab File: BF135106.D

Acq: 05 Sep 2023 21:53

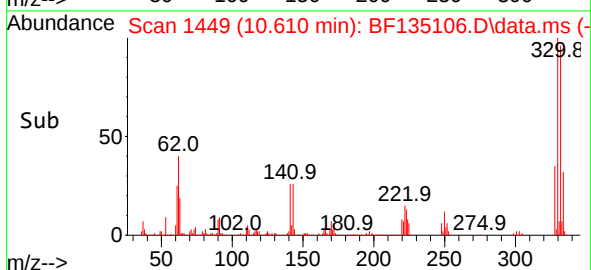
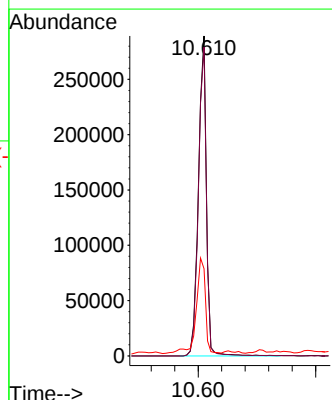
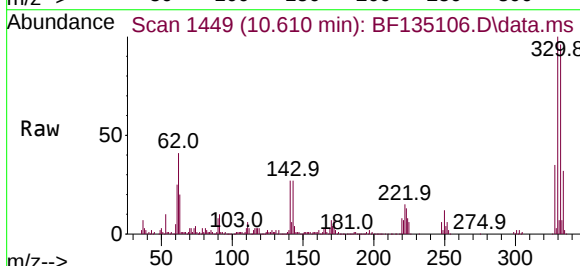
Tgt Ion:330 Resp: 271208

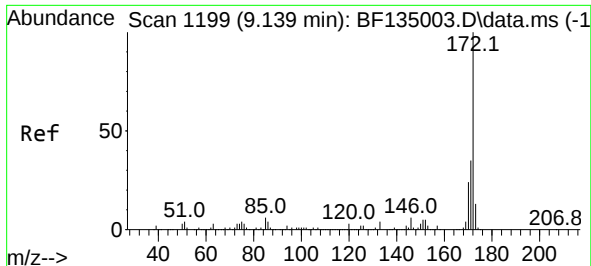
Ion Ratio Lower Upper

330 100

332 96.6 77.6 116.4

141 34.4 26.3 39.5





#45

2-Fluorobiphenyl

Concen: 89.642 ng

RT: 9.134 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF135106.D

Acq: 05 Sep 2023 21:53

Instrument :

BNA_F

ClientSampleId :

356

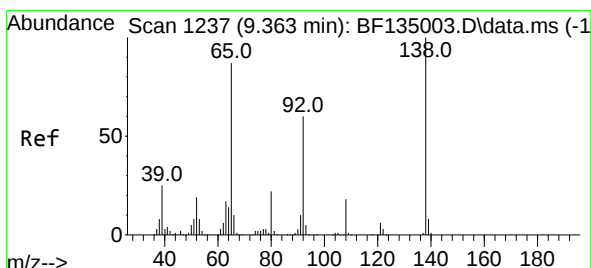
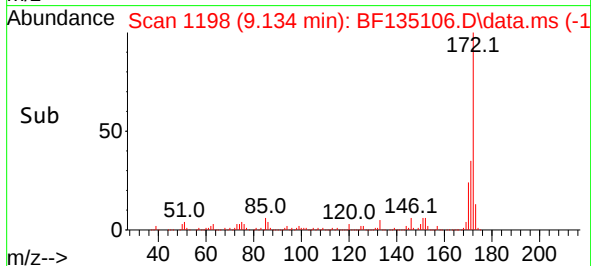
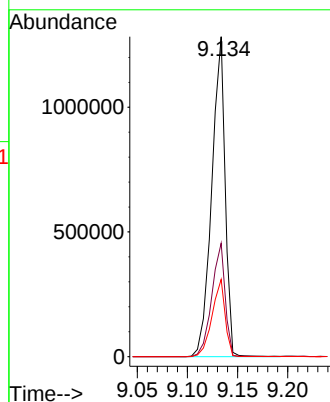
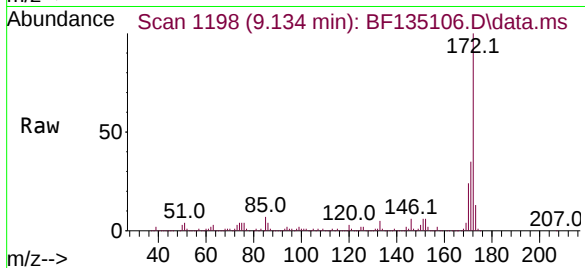
Tgt Ion:172 Resp: 1191335

Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.2

170 24.1 19.0 28.4



#48

2-Nitroaniline

Concen: 2.840 ng

RT: 9.392 min Scan# 1242

Delta R.T. 0.030 min

Lab File: BF135106.D

Acq: 05 Sep 2023 21:53

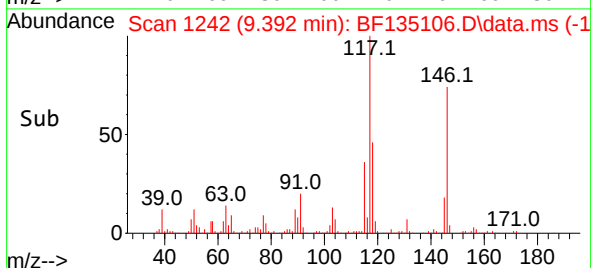
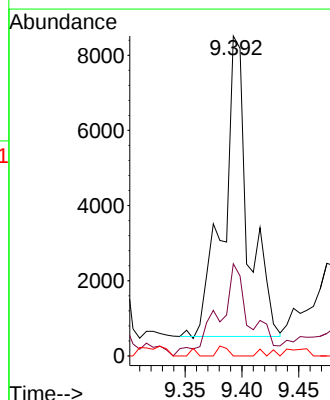
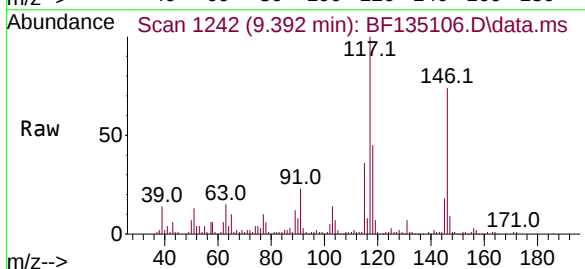
Tgt Ion: 65 Resp: 12084

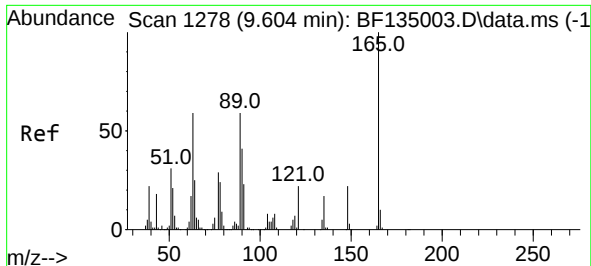
Ion Ratio Lower Upper

65 100

92 28.8 54.9 82.3#

138 0.0 91.6 137.4#





#51

2,6-Dinitrotoluene

Concen: 2.645 ng

RT: 9.563 min Scan# 11

Delta R.T. -0.041 min

Lab File: BF135106.D

Acq: 05 Sep 2023 21:53

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356

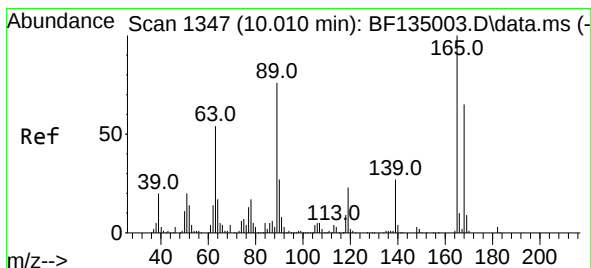
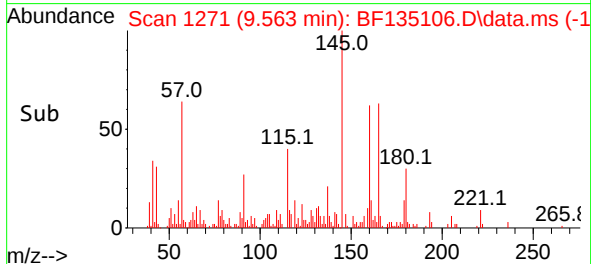
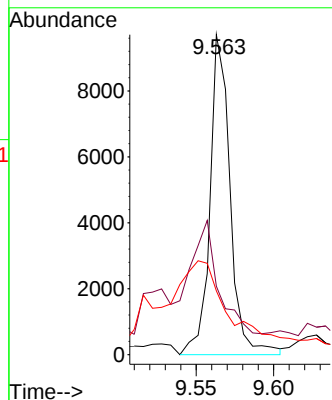
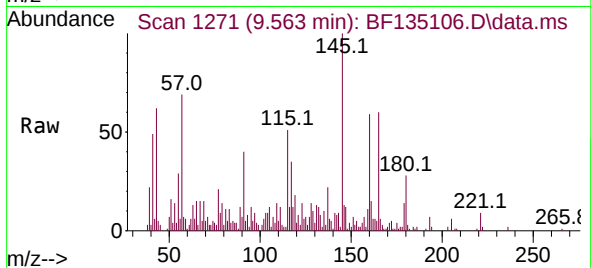
Tgt Ion:165 Resp: 8794

Ion Ratio Lower Upper

165 100

63 21.4 50.4 75.6#

89 20.0 47.1 70.7#



#57

2,4-Dinitrotoluene

Concen: 6.942 ng

RT: 9.810 min Scan# 1313

Delta R.T. -0.200 min

Lab File: BF135106.D

Acq: 05 Sep 2023 21:53

Tgt Ion:165 Resp: 28759

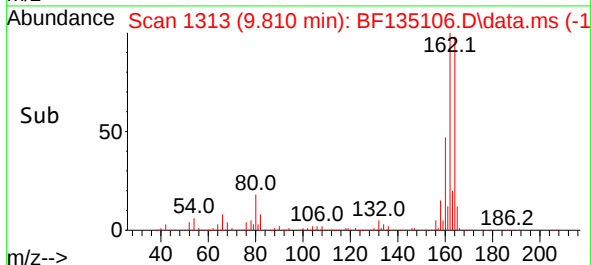
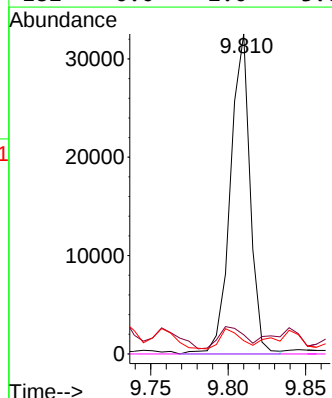
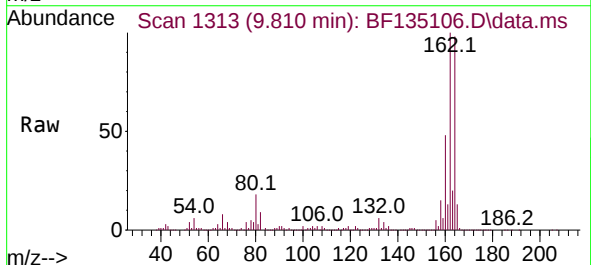
Ion Ratio Lower Upper

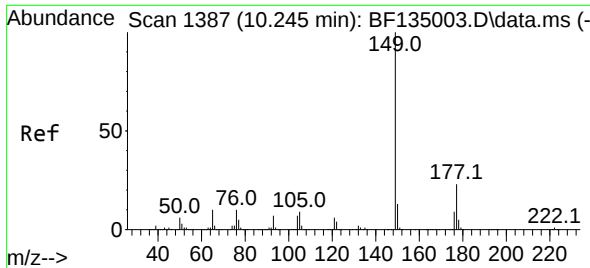
165 100

63 6.0 43.2 64.8#

89 4.1 60.8 91.2#

182 0.0 2.0 3.0#

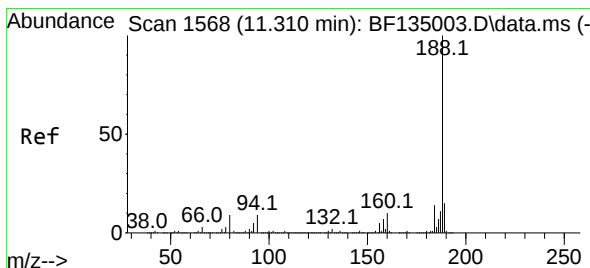
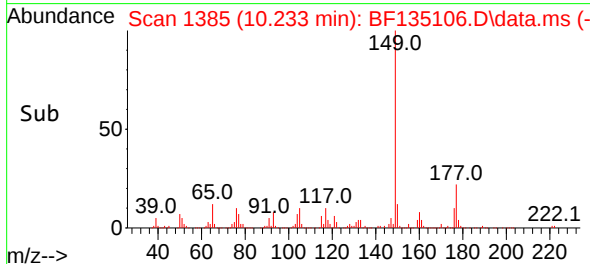
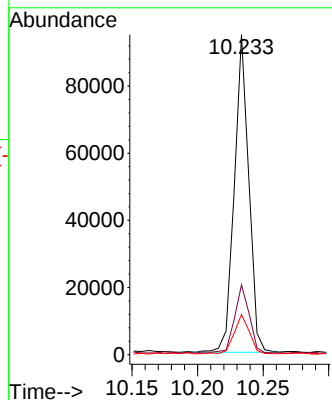
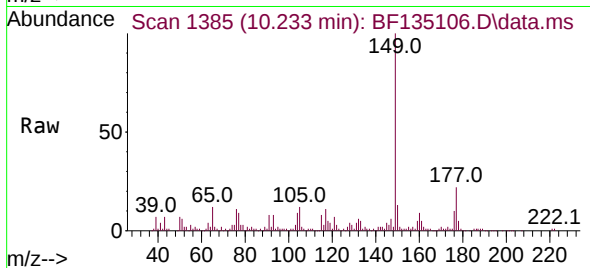




#60
Diethylphthalate
Concen: 5.076 ng
RT: 10.233 min Scan# 1387
Delta R.T. -0.012 min
Lab File: BF135106.D
Acq: 05 Sep 2023 21:53

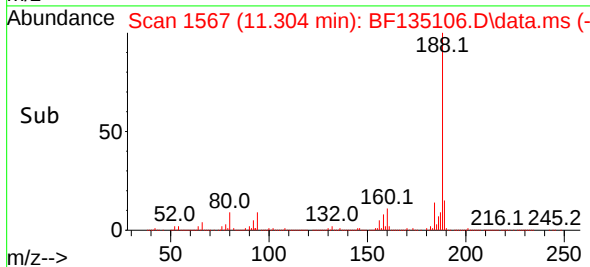
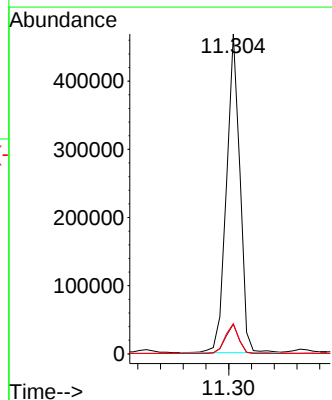
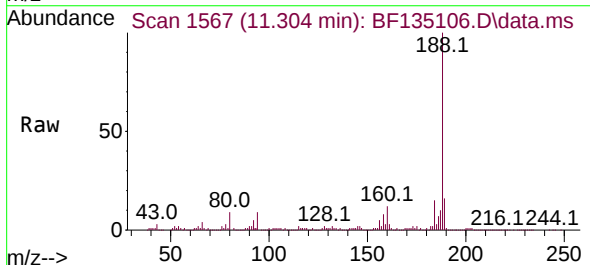
Instrument :
BNA_F
ClientSampleId :
356

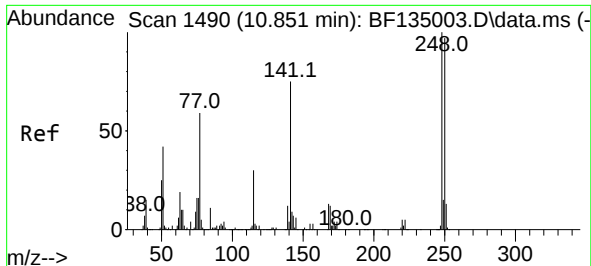
Tgt Ion:149 Resp: 72396
Ion Ratio Lower Upper
149 100
177 21.8 18.5 27.7
150 12.5 10.1 15.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF135106.D
Acq: 05 Sep 2023 21:53

Tgt Ion:188 Resp: 383252
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.4
80 9.4 7.4 11.2

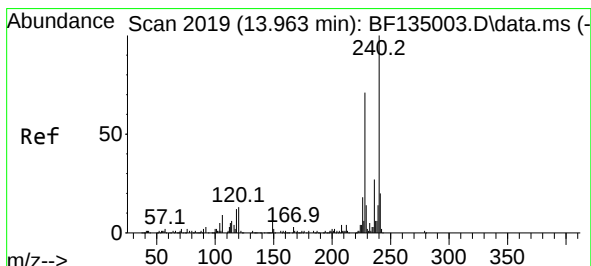
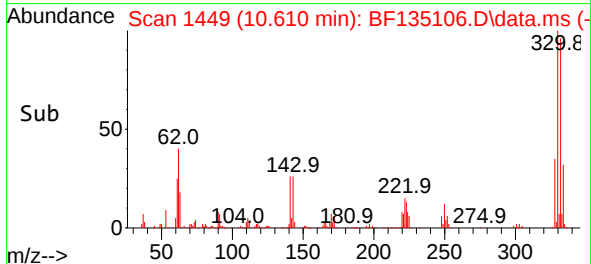
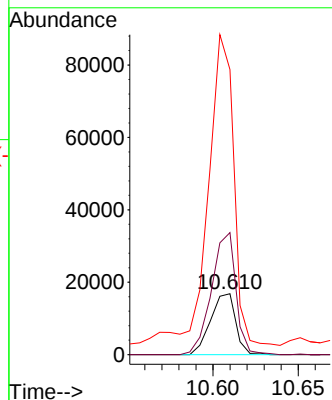
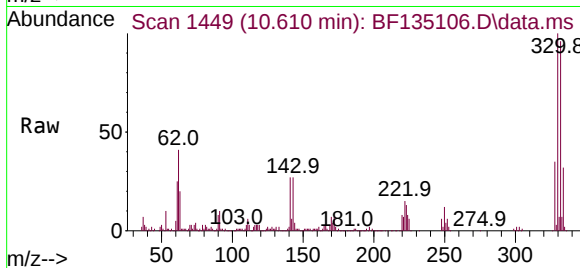




#67
4-Bromophenyl-phenylether
Concen: 4.245 ng
RT: 10.610 min Scan# 1490
Delta R.T. -0.241 min
Lab File: BF135106.D
Acq: 05 Sep 2023 21:53

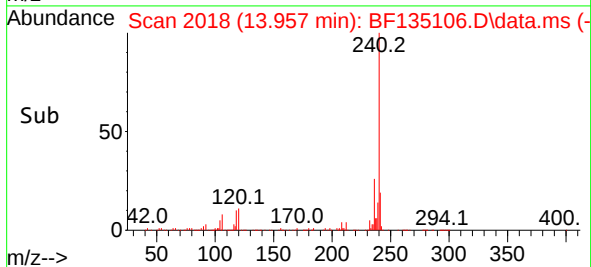
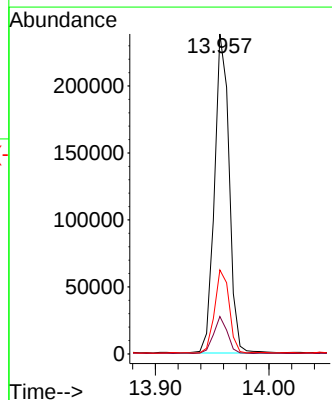
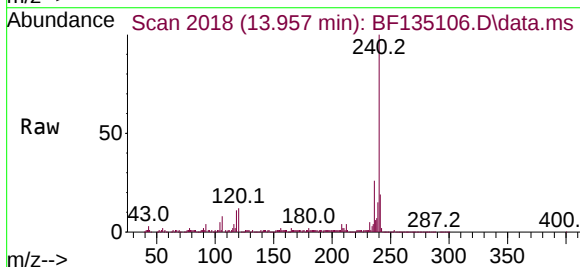
Instrument :
BNA_F
ClientSampleId :
356

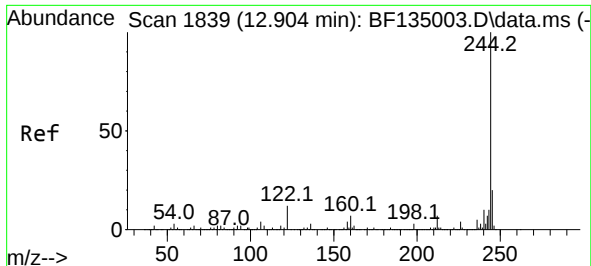
Tgt Ion:248 Resp: 17254
Ion Ratio Lower Upper
248 100
250 200.3 77.9 116.9#
141 467.9 59.8 89.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF135106.D
Acq: 05 Sep 2023 21:53

Tgt Ion:240 Resp: 214139
Ion Ratio Lower Upper
240 100
120 11.7 10.2 15.2
236 26.2 21.3 31.9

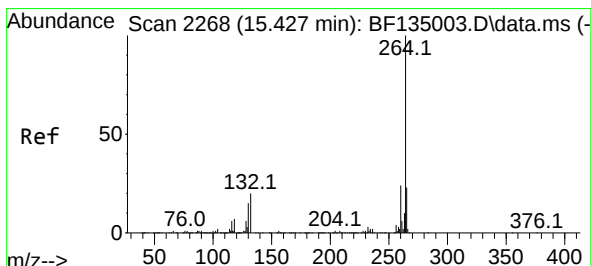
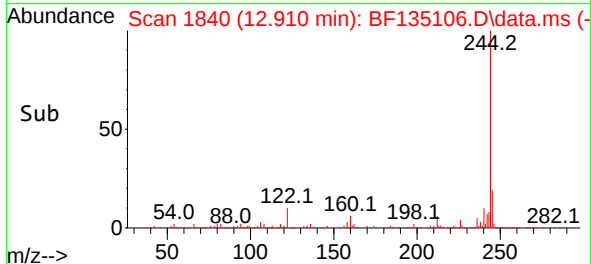
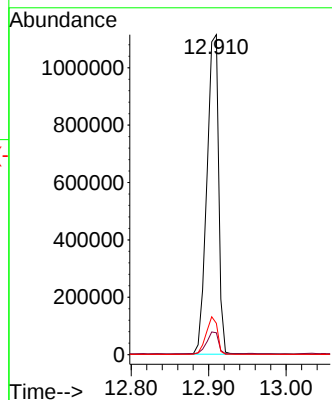
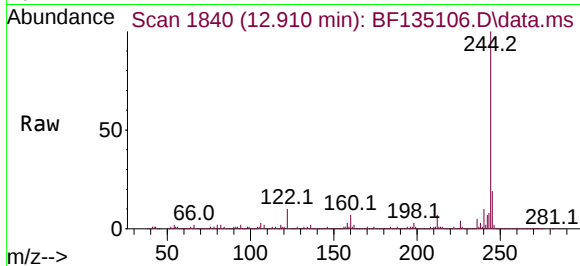




#79
 Terphenyl-d14
 Concen: 89.218 ng
 RT: 12.910 min Scan# 1839
 Delta R.T. 0.006 min
 Lab File: BF135106.D
 Acq: 05 Sep 2023 21:53

Instrument :
 BNA_F
 ClientSampleId :
 356

Tgt Ion:244 Resp: 1170727
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 9.8 9.8 14.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.427 min Scan# 2268
 Delta R.T. 0.000 min
 Lab File: BF135106.D
 Acq: 05 Sep 2023 21:53

Tgt Ion:264 Resp: 194476
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.6
 265 21.0 18.2 27.2

