

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)

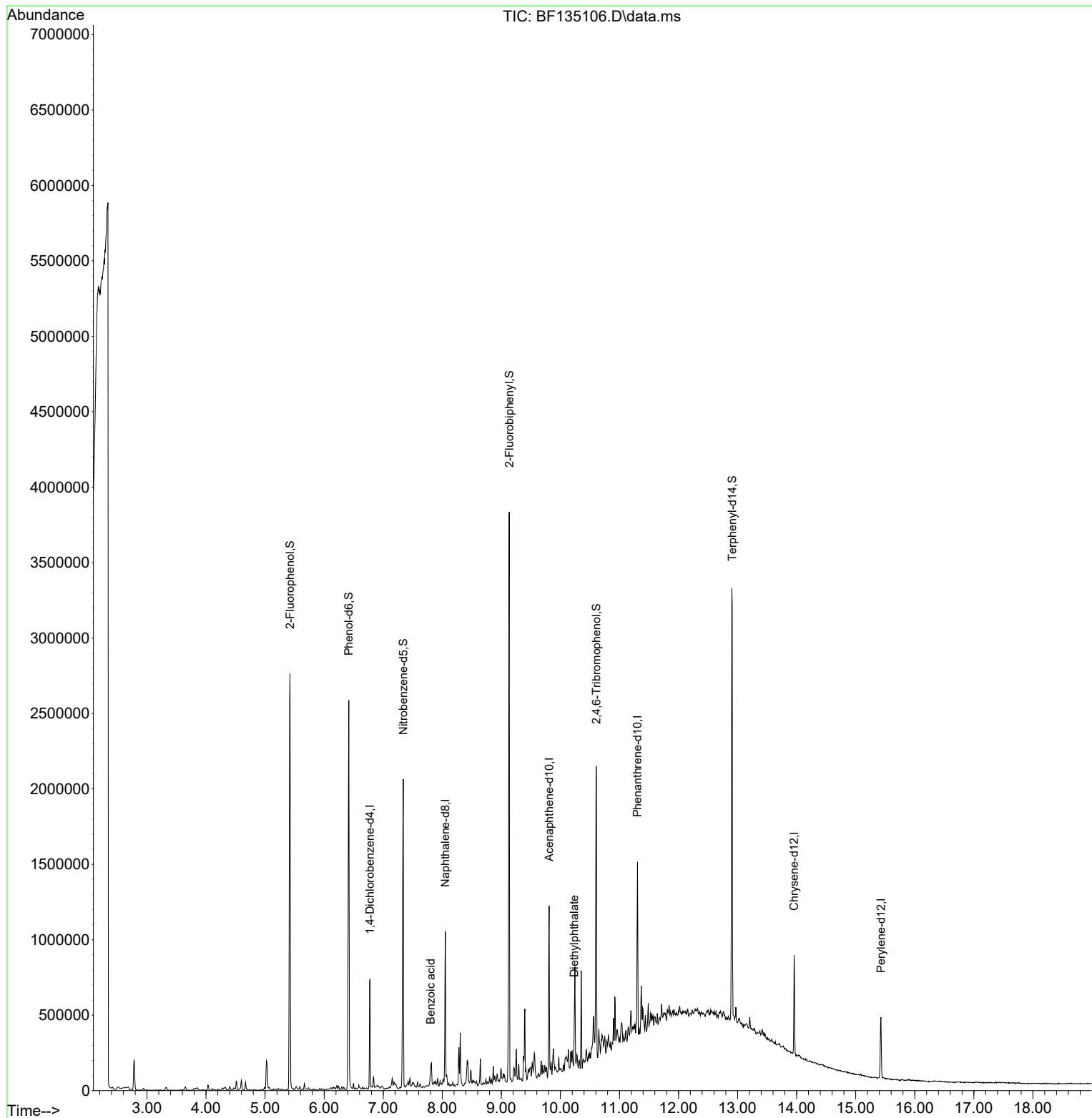
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	104546	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	433629	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	216374	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	383252	20.000	ng	0.00
76) Chrysene-d12	13.957	240	214139	20.000	ng	0.00
86) Perylene-d12	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						
32) Benzoic acid	7.804	122	22302	4.427	ng	89
60) Diethylphthalate	10.233	149	72396	5.076	ng	98

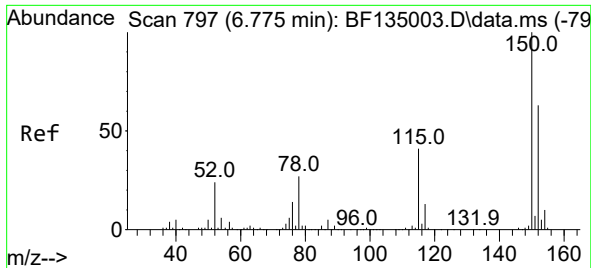
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

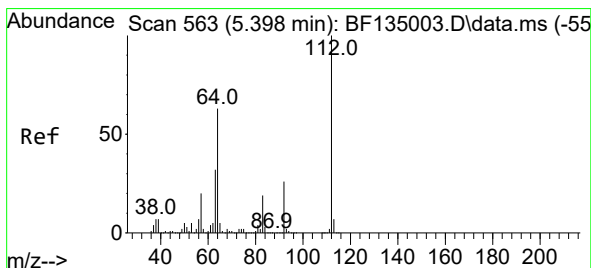
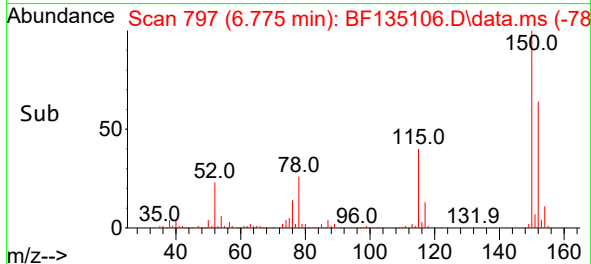
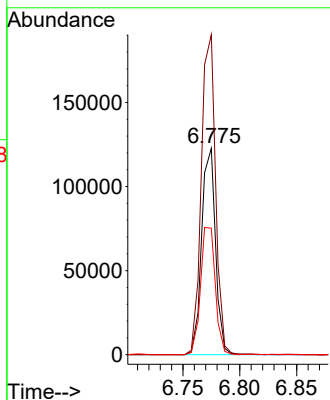
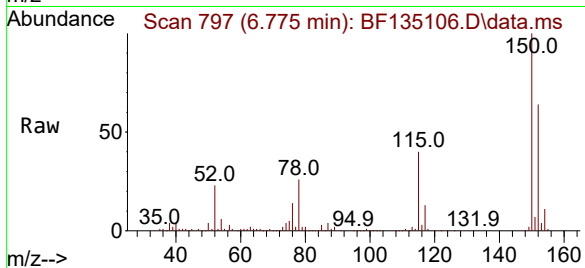




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.775 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF135106.D
Acq: 05 Sep 2023 21:53

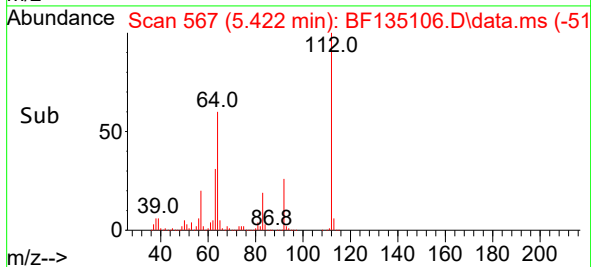
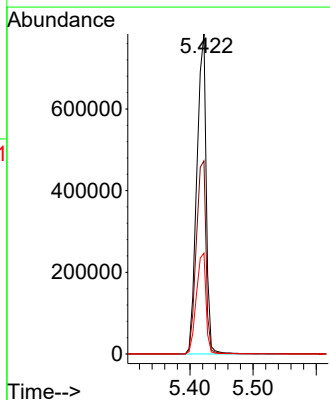
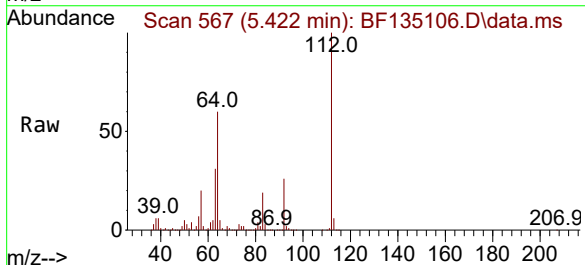
Instrument :
BNA_F
ClientSampleId :
356

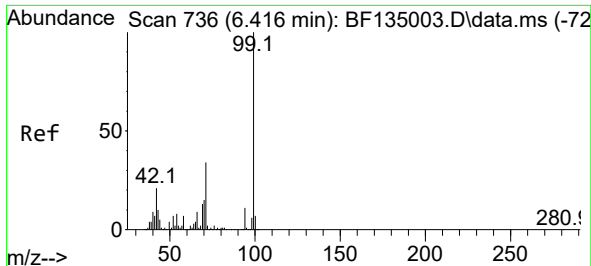
Tgt Ion:152 Resp: 104546
Ion Ratio Lower Upper
152 100
150 155.1 126.2 189.4
115 61.4 51.2 76.8



#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

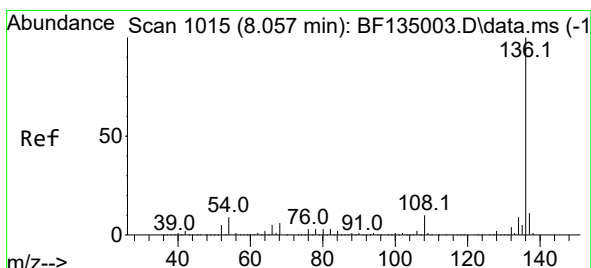
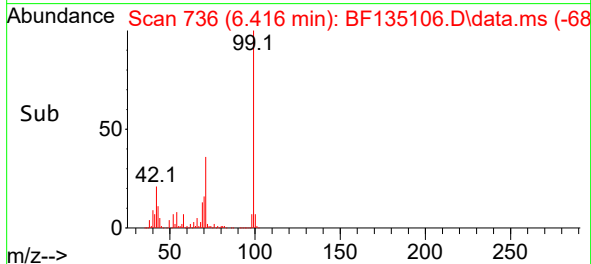
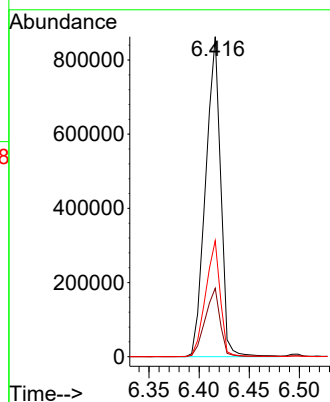
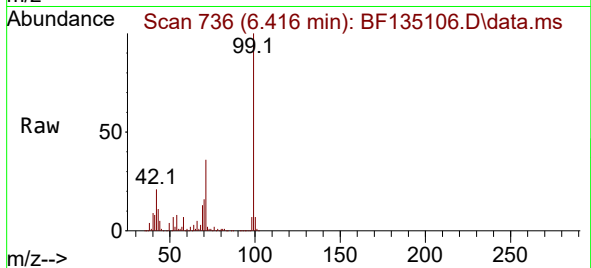




#7
Phenol-d6
Concen: 107.514 ng
RT: 6.416 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135106.D
Acq: 05 Sep 2023 21:53

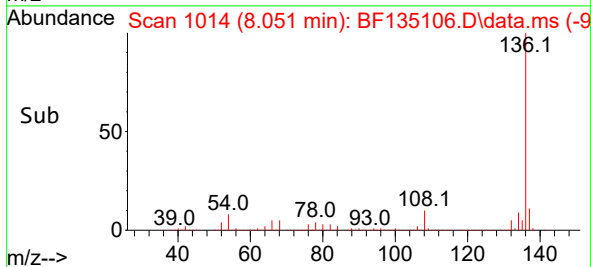
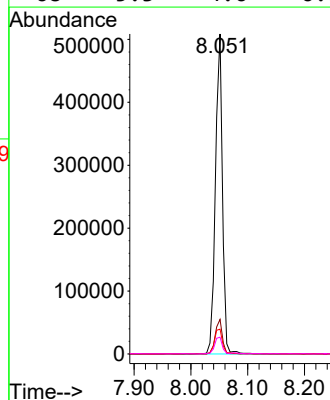
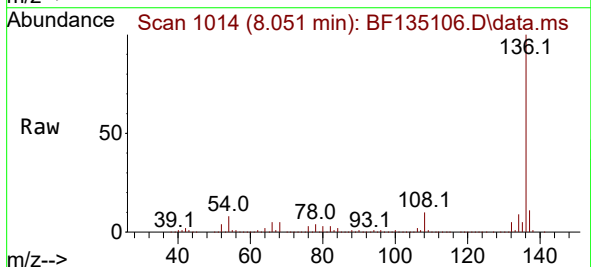
Instrument :
BNA_F
ClientSampleId :
356

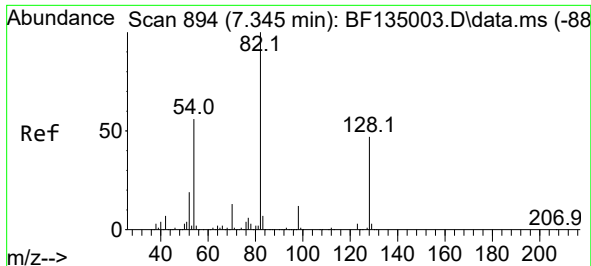
Tgt Ion: 99 Resp: 907025
Ion Ratio Lower Upper
99 100
42 21.4 16.6 25.0
71 36.3 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF135106.D
Acq: 05 Sep 2023 21:53

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# 894

Delta R.T. -0.006 min

Lab File: BF135106.D

Acq: 05 Sep 2023 21:53

Instrument :

BNA_F

ClientSampleId :

356

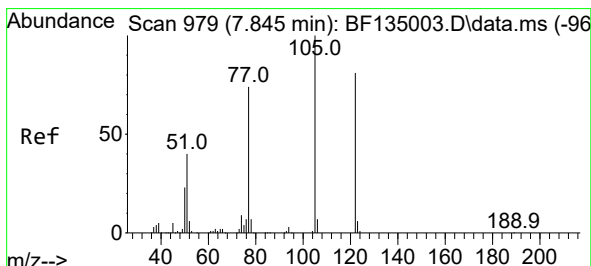
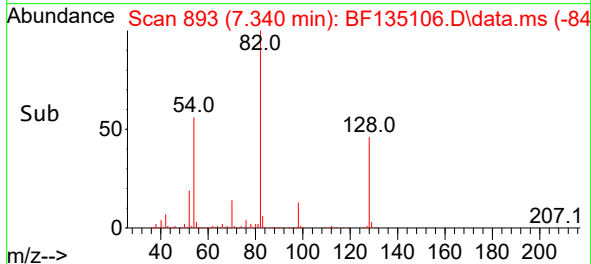
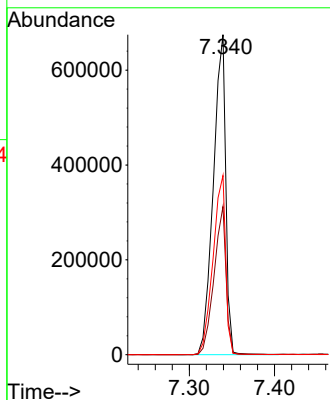
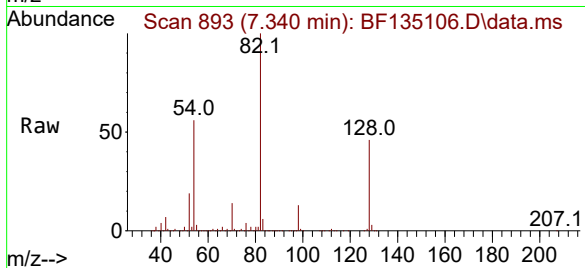
Tgt Ion: 82 Resp: 683222

Ion Ratio Lower Upper

82 100

128 46.3 37.8 56.8

54 56.0 45.0 67.6



#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

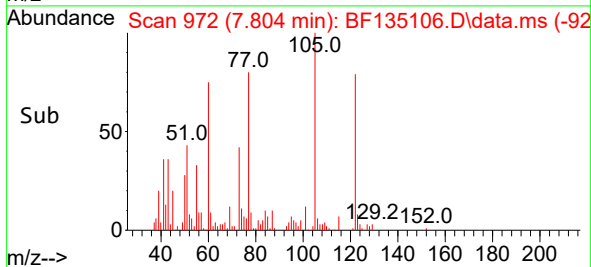
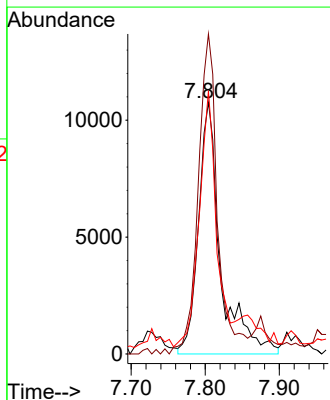
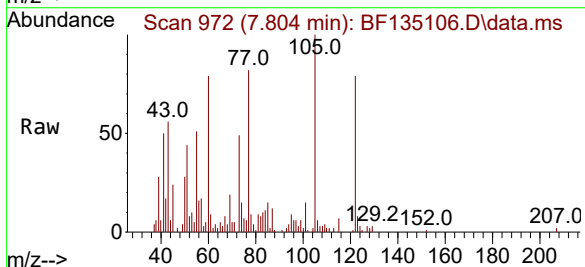
Tgt Ion: 122 Resp: 22302

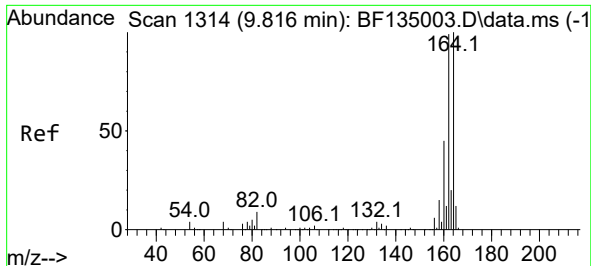
Ion Ratio Lower Upper

122 100

105 127.2 99.8 139.8

77 104.7 69.5 109.5

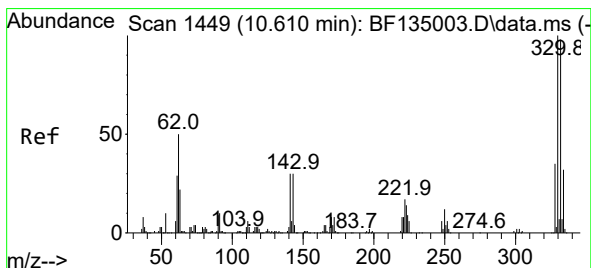
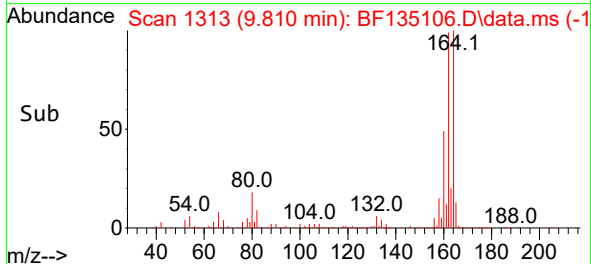
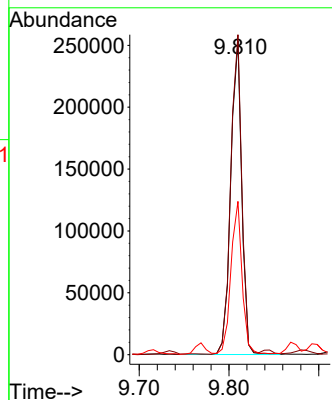
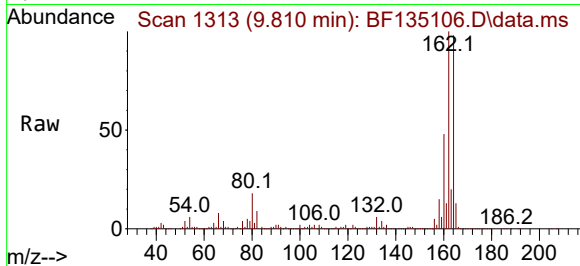




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135106.D
Acq: 05 Sep 2023 21:53

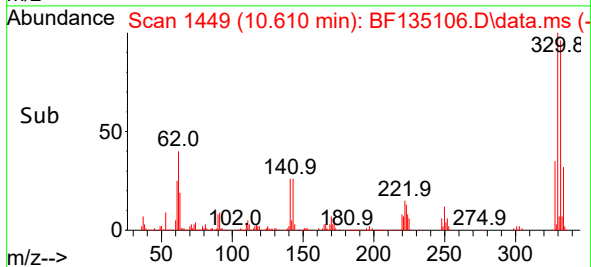
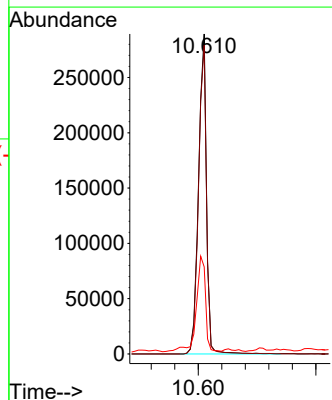
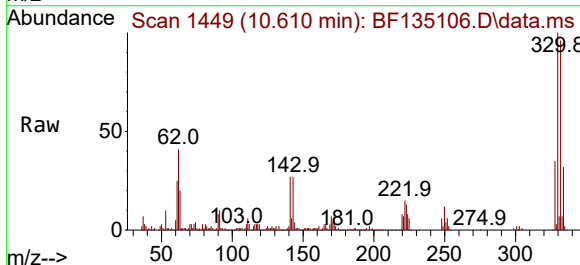
Instrument :
BNA_F
ClientSampleId :
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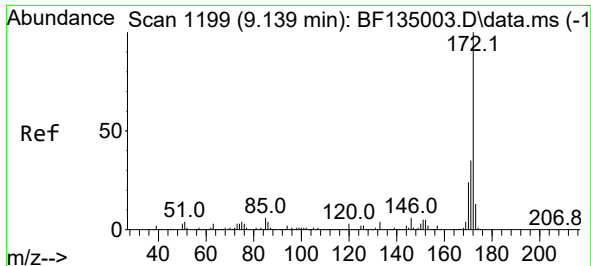
Tgt Ion:164 Resp: 216374
Ion Ratio Lower Upper
164 100
162 102.0 79.5 119.3
160 48.9 36.0 54.0



#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

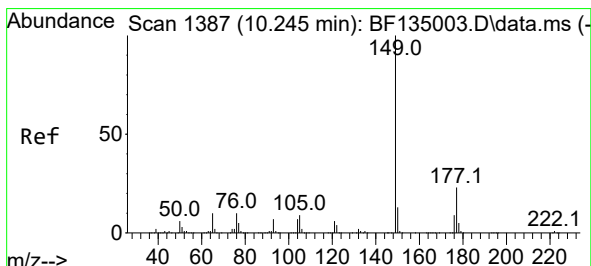
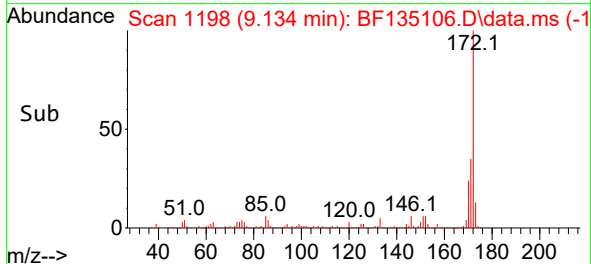
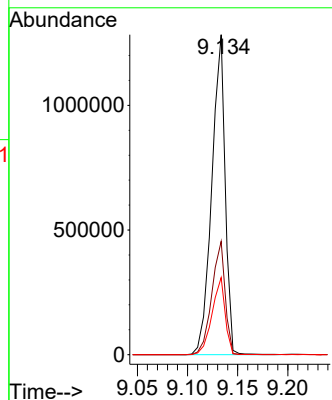
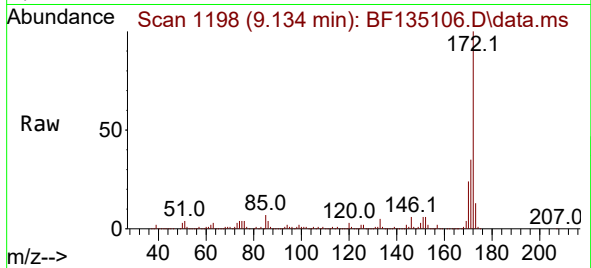




#45
2-Fluorobiphenyl
Concen: 89.642 ng
RT: 9.134 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF135106.D
Acq: 05 Sep 2023 21:53

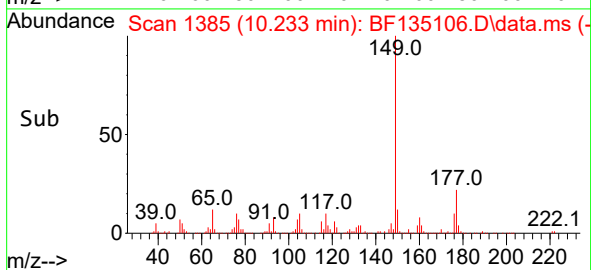
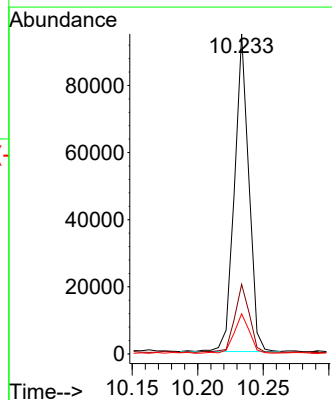
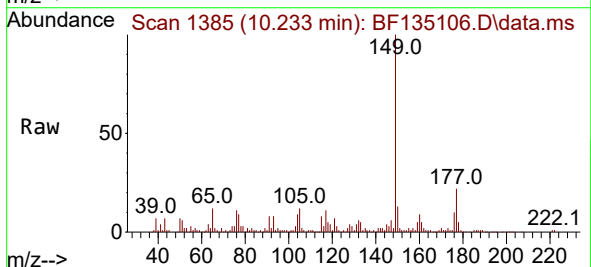
Instrument :
BNA_F
ClientSampleId :
356

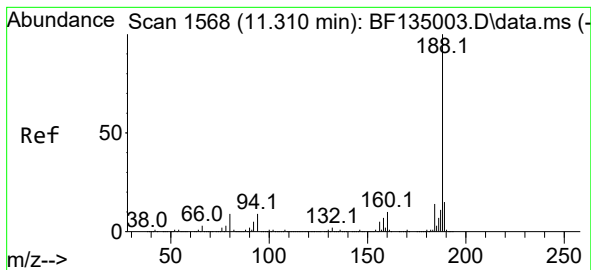
Tgt Ion:172 Resp: 1191335
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.2
170 24.1 19.0 28.4



#60
Diethylphthalate
Concen: 5.076 ng
RT: 10.233 min Scan# 1385
Delta R.T. -0.012 min
Lab File: BF135106.D
Acq: 05 Sep 2023 21:53

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# 1

Delta R.T. -0.006 min

Lab File: BF135106.D

Acq: 05 Sep 2023 21:53

Instrument :

BNA_F

ClientSampleId :

356

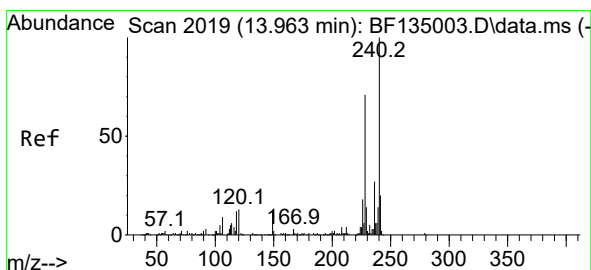
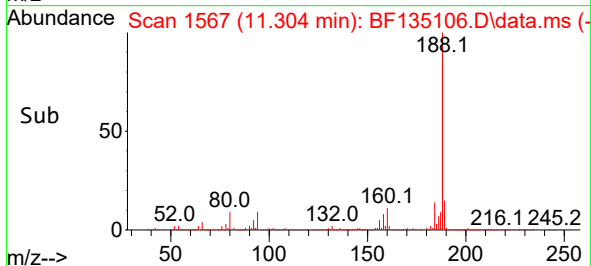
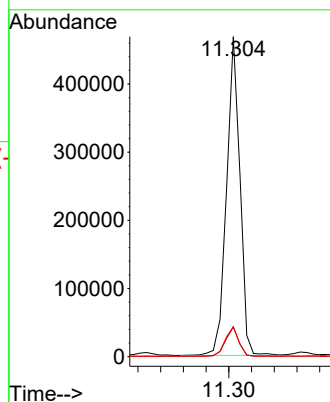
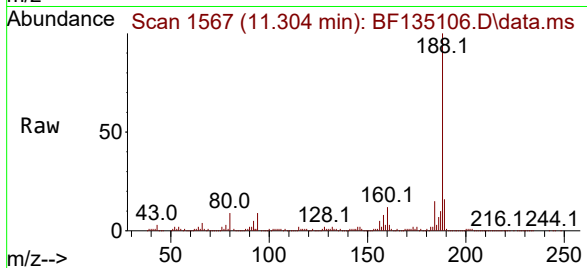
Tgt Ion:188 Resp: 383252

Ion Ratio Lower Upper

188 100

94 9.3 7.0 10.4

80 9.4 7.4 11.2



#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

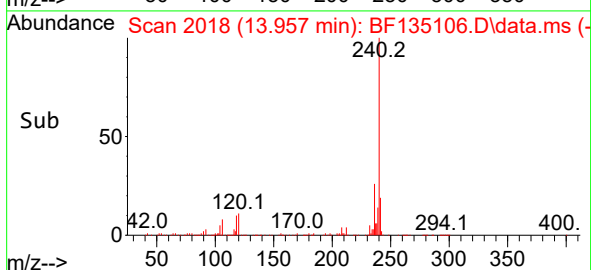
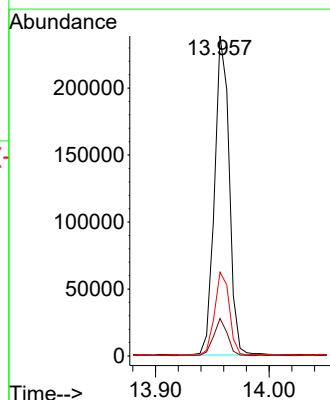
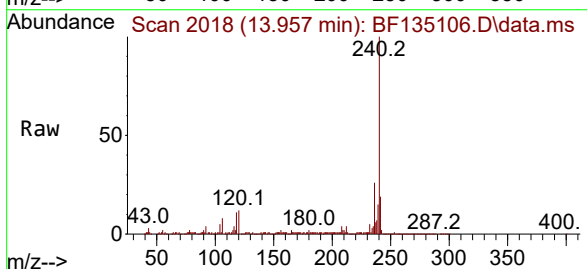
Tgt Ion:240 Resp: 214139

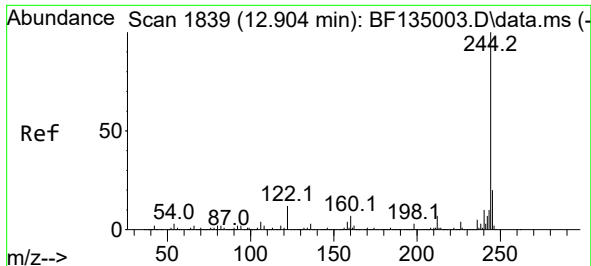
Ion Ratio Lower Upper

240 100

120 11.7 10.2 15.2

236 26.2 21.3 31.9

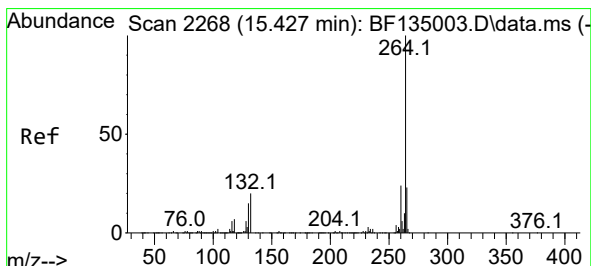
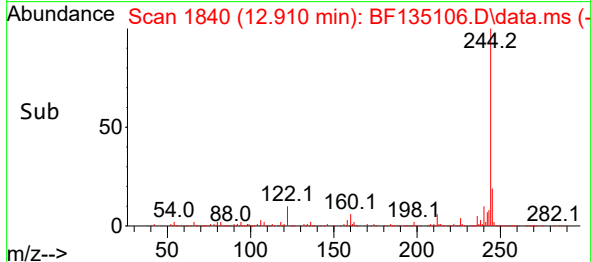
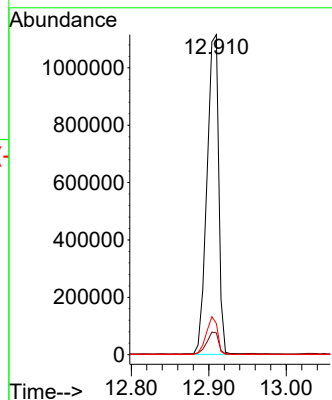
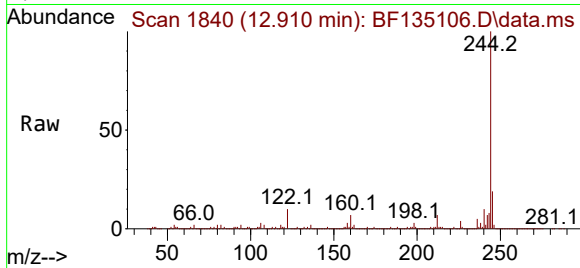




#79
 Terphenyl-d14
 Concen: 89.218 ng
 RT: 12.910 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF135106.D
 Acq: 05 Sep 2023 21:53

Instrument :
 BNA_F
 ClientSampleId :
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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

