

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
 Data File : BF135016.D
 Acq On : 30 Aug 2023 21:33
 Operator : CG\JU
 Sample : 04189-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02(22-23)

Quant Time: Aug 31 05:57:38 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	6.769	152	144355	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	573165	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	282716	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	452447	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	250442	20.000	ng	0.00
86) Perylene-d12	15.427	264	301193	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	609902	65.260	ng	0.00
7) Phenol-d6	6.410	99	758433	65.108	ng	0.00
23) Nitrobenzene-d5	7.334	82	460436	45.131	ng	-0.01
42) 2,4,6-Tribromophenol	10.604	330	187082	62.381	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	856225	49.308	ng	-0.01
79) Terphenyl-d14	12.898	244	735131	47.902	ng	0.00

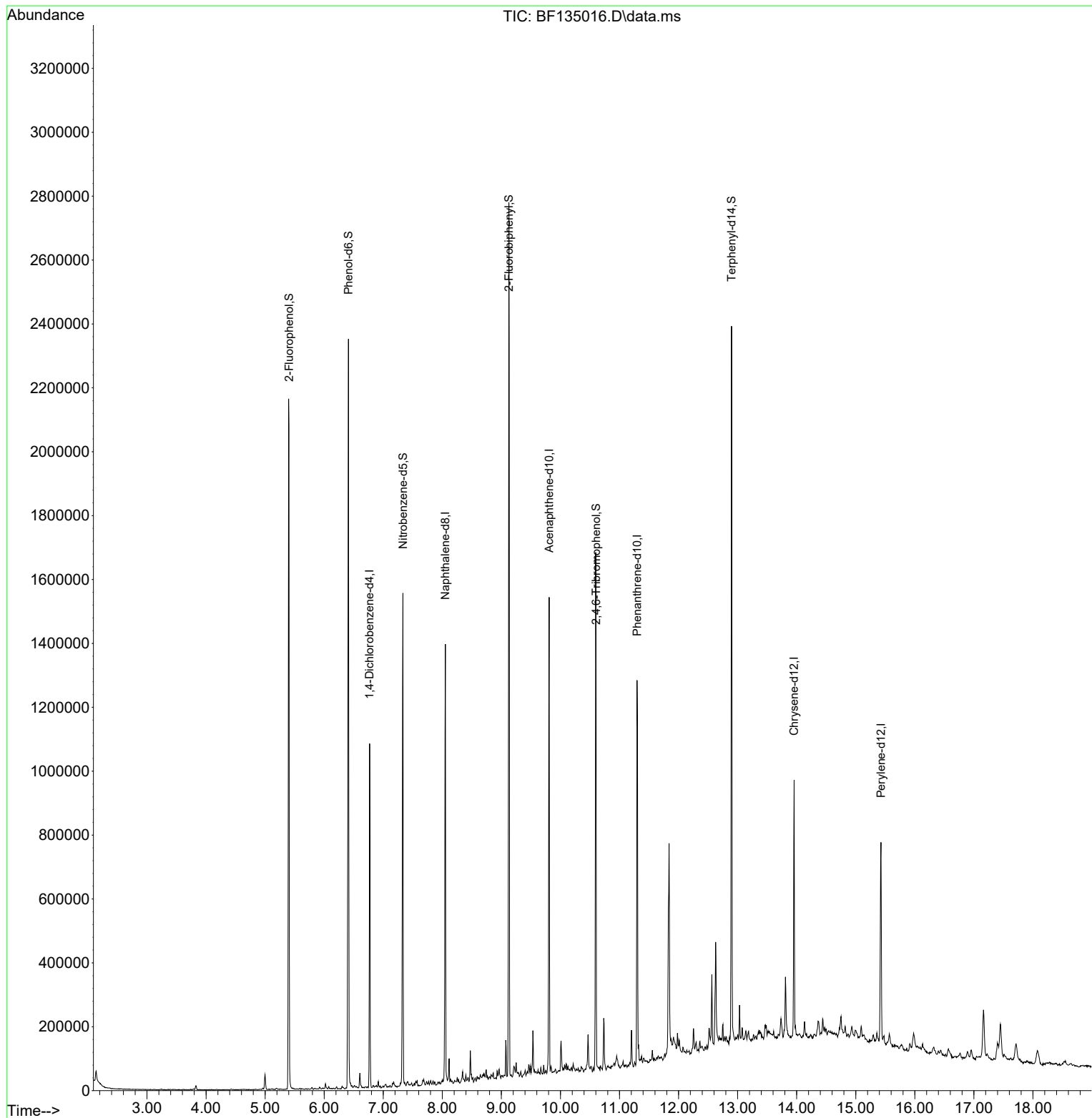
Target Compounds	Qvalue

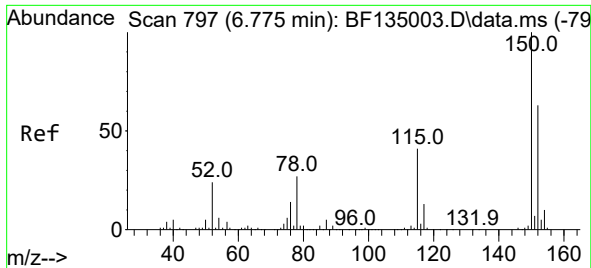
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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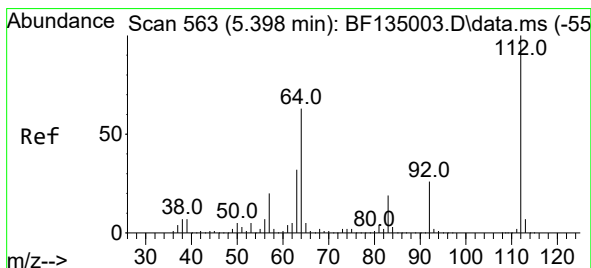
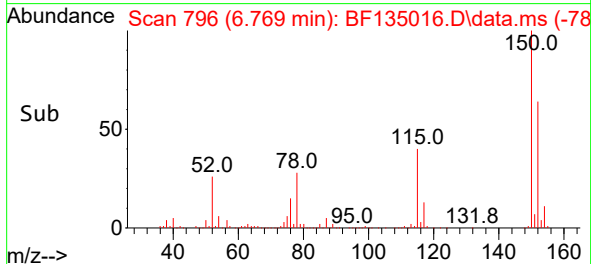
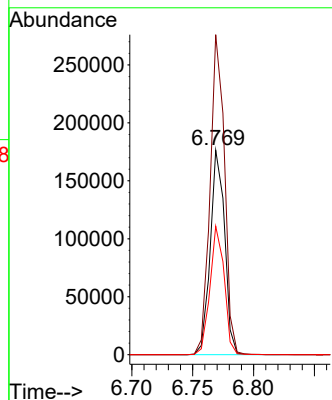
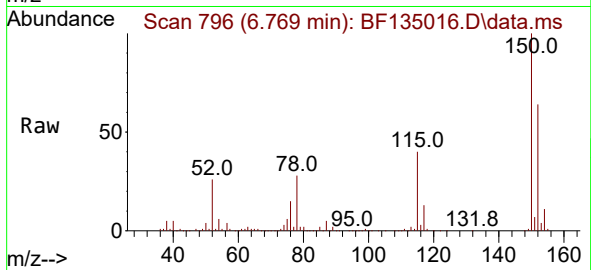




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF135016.D
Acq: 30 Aug 2023 21:33

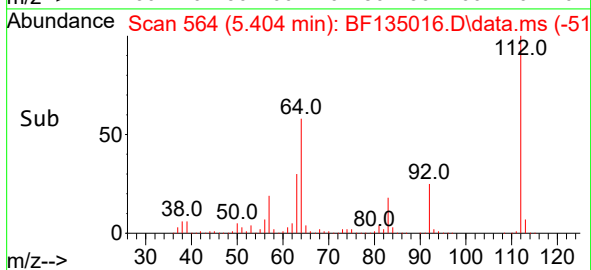
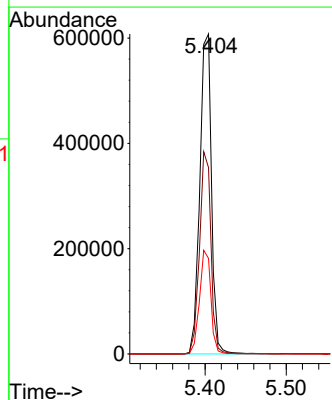
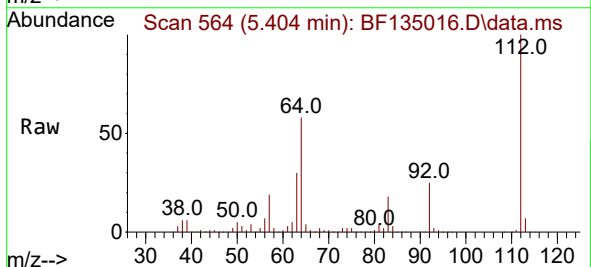
Instrument :
BNA_F
ClientSampleId :
SB-02(22-23)

Tgt Ion:152 Resp: 144355
Ion Ratio Lower Upper
152 100
150 156.5 126.2 189.4
115 62.9 51.2 76.8



#5
2-Fluorophenol
Concen: 65.260 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.006 min
Lab File: BF135016.D
Acq: 30 Aug 2023 21:33

Tgt Ion:112 Resp: 609902
Ion Ratio Lower Upper
112 100
64 58.3 50.5 75.7
63 29.8 25.9 38.9

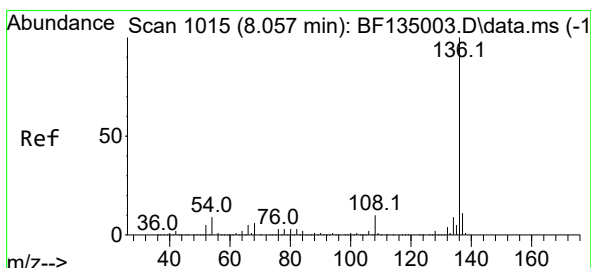
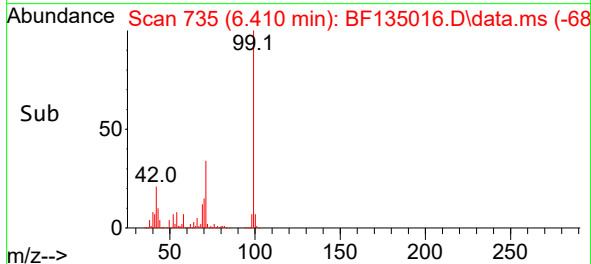
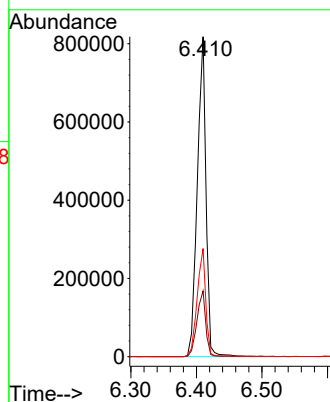
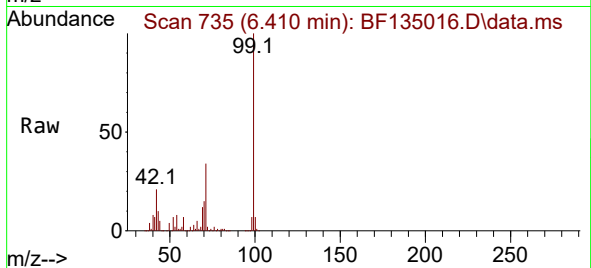




#7
Phenol-d6
Concen: 65.108 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135016.D
Acq: 30 Aug 2023 21:33

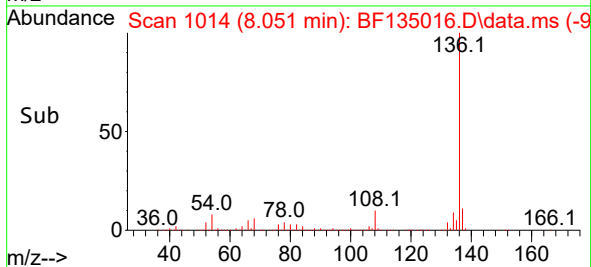
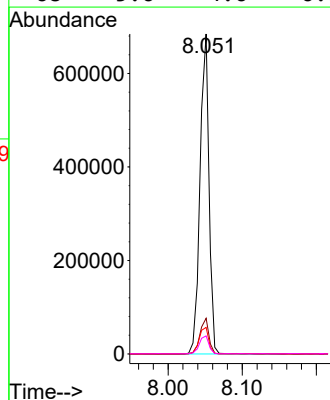
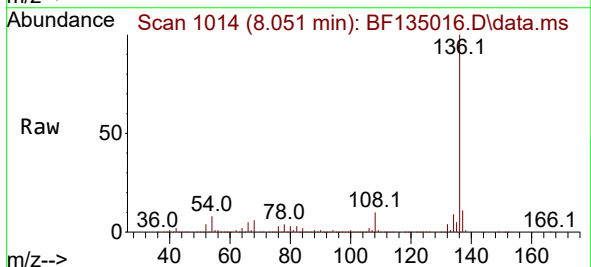
Instrument :
BNA_F
ClientSampleId :
SB-02(22-23)

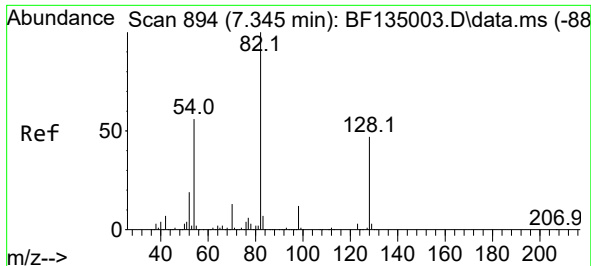
Tgt Ion: 99 Resp: 758433
Ion Ratio Lower Upper
99 100
42 20.6 16.6 25.0
71 33.8 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF135016.D
Acq: 30 Aug 2023 21:33

Tgt Ion: 136 Resp: 573165
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.3 7.0 10.4
68 5.6 4.6 6.8

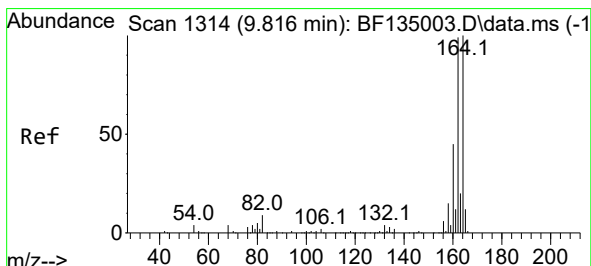
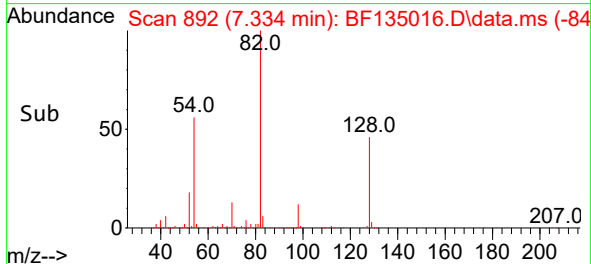
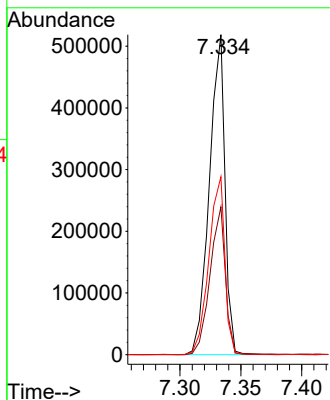
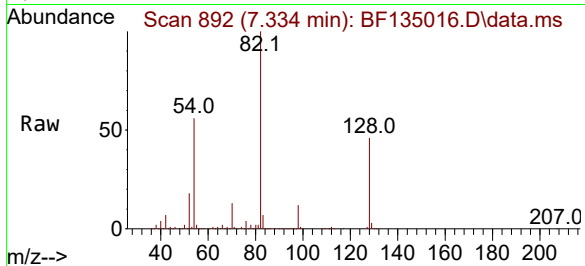




#23
Nitrobenzene-d5
Concen: 45.131 ng
RT: 7.334 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF135016.D
Acq: 30 Aug 2023 21:33

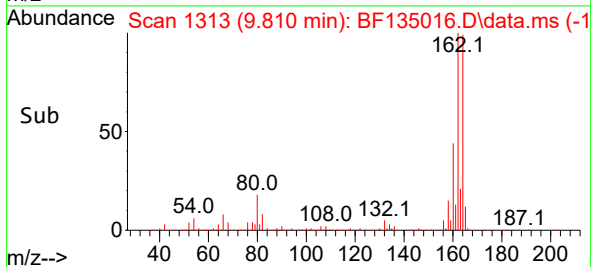
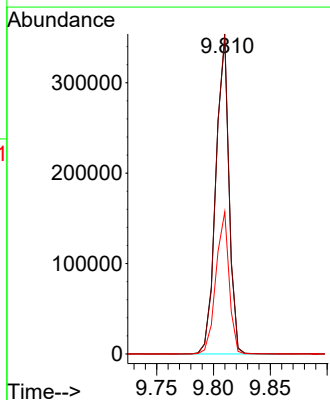
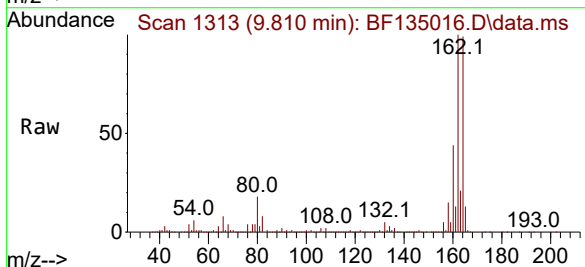
Instrument :
BNA_F
ClientSampleId :
SB-02(22-23)

Tgt Ion: 82 Resp: 460436
Ion Ratio Lower Upper
82 100
128 46.2 37.8 56.8
54 55.6 45.0 67.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF135016.D
Acq: 30 Aug 2023 21:33

Tgt Ion: 164 Resp: 282716
Ion Ratio Lower Upper
164 100
162 101.4 79.5 119.3
160 45.0 36.0 54.0

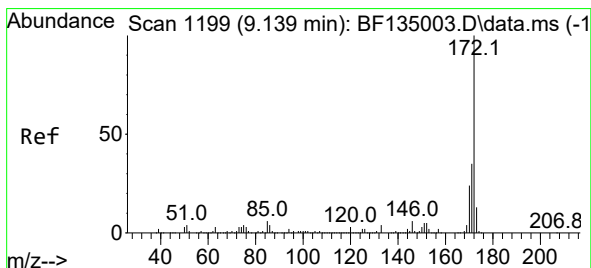
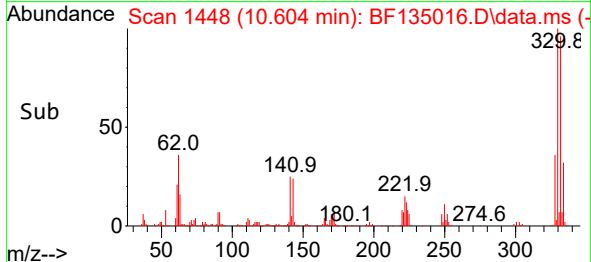
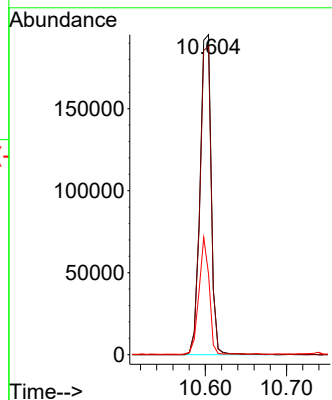
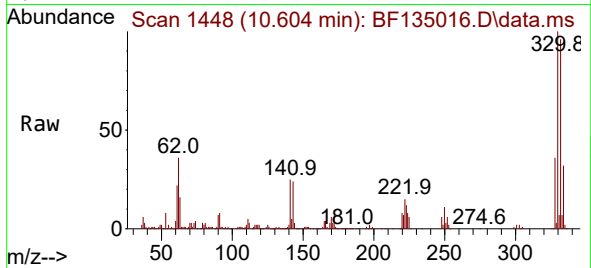




#42
2,4,6-Tribromophenol
Concen: 62.381 ng
RT: 10.604 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF135016.D
Acq: 30 Aug 2023 21:33

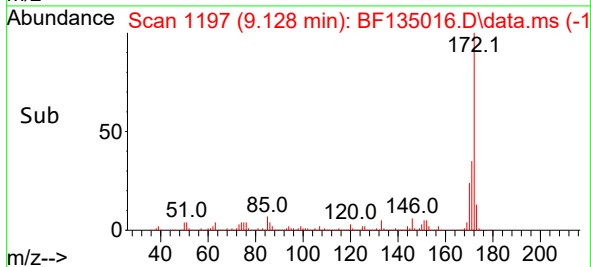
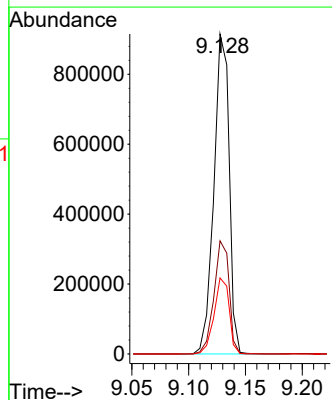
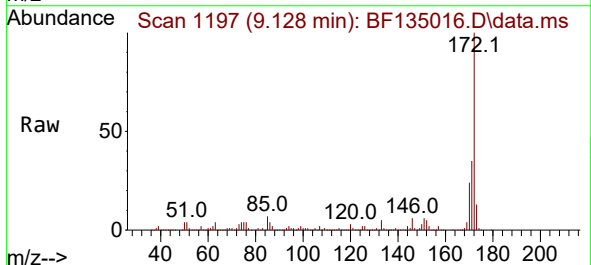
Instrument :
BNA_F
ClientSampleId :
SB-02(22-23)

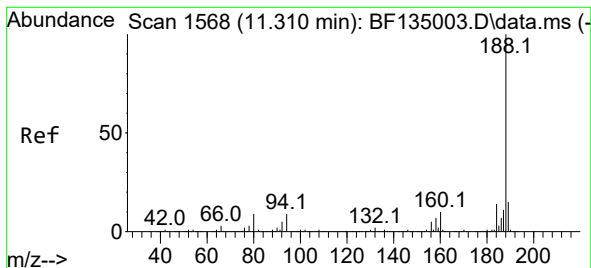
Tgt Ion:330 Resp: 187082
Ion Ratio Lower Upper
330 100
332 96.7 77.6 116.4
141 33.3 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 49.308 ng
RT: 9.128 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BF135016.D
Acq: 30 Aug 2023 21:33

Tgt Ion:172 Resp: 856225
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.2
170 23.8 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.298 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF135016.D

Acq: 30 Aug 2023 21:33

Instrument :

BNA_F

ClientSampleId :

SB-02(22-23)

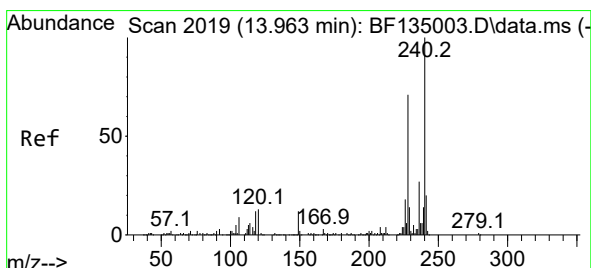
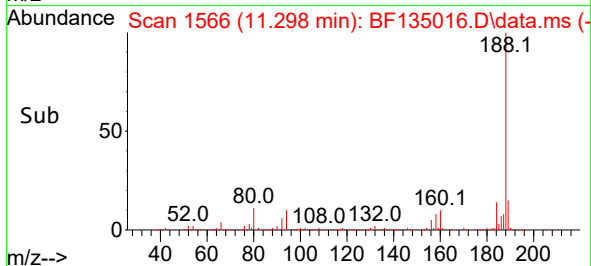
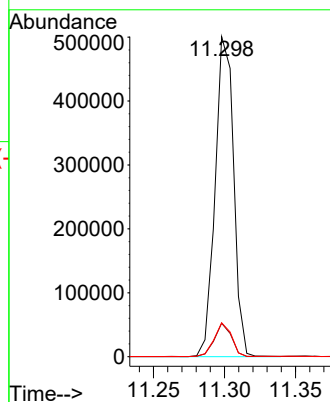
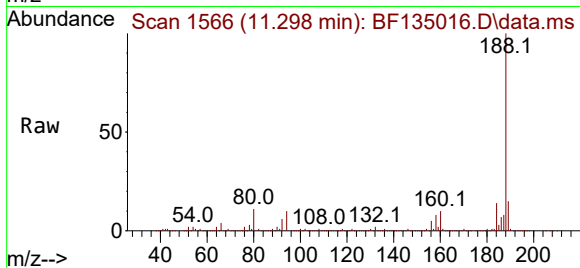
Tgt Ion:188 Resp: 452447

Ion Ratio Lower Upper

188 100

94 10.4 7.0 10.4

80 10.6 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: BF135016.D

Acq: 30 Aug 2023 21:33

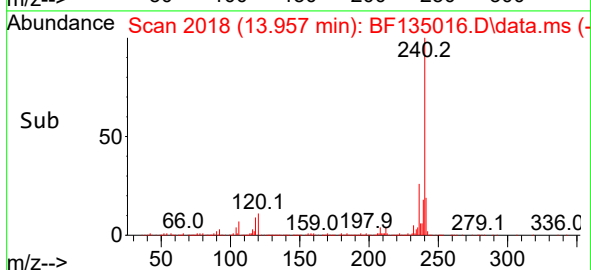
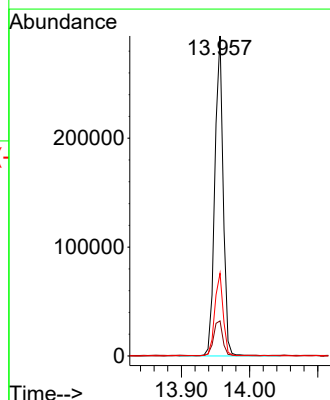
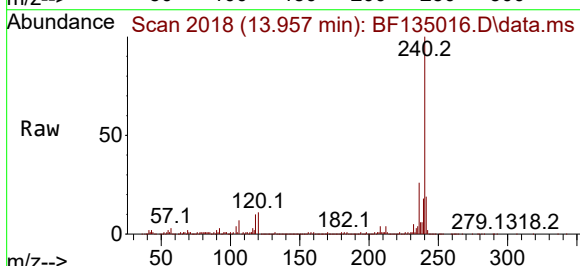
Tgt Ion:240 Resp: 250442

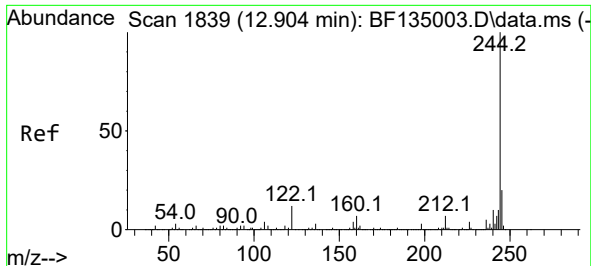
Ion Ratio Lower Upper

240 100

120 11.0 10.2 15.2

236 25.9 21.3 31.9

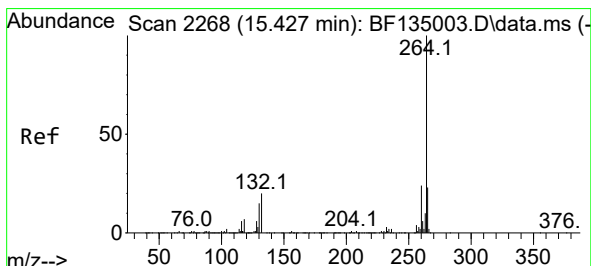
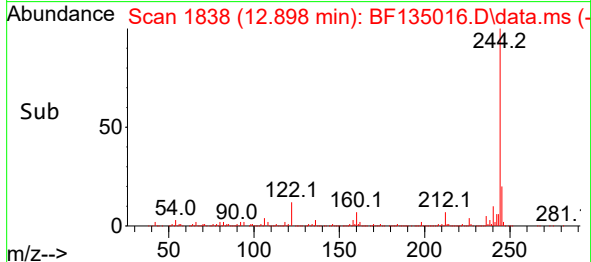
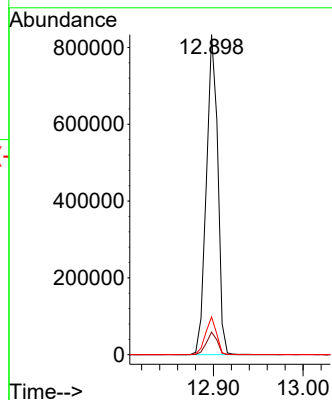
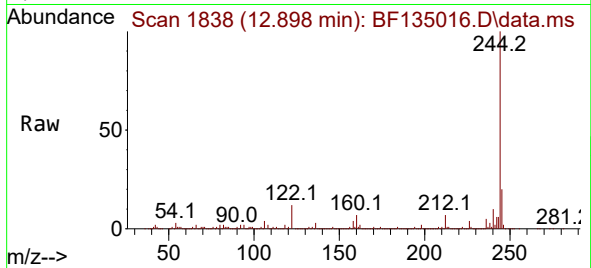




#79
 Terphenyl-d14
 Concen: 47.902 ng
 RT: 12.898 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF135016.D
 Acq: 30 Aug 2023 21:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-02(22-23)

Tgt Ion:244 Resp: 735131
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 11.8 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: BF135016.D
 Acq: 30 Aug 2023 21:33

Tgt Ion:264 Resp: 301193
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.0 28.6
 265 22.0 18.2 27.2

