

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083123\
 Data File : BF135047.D
 Acq On : 31 Aug 2023 18:17
 Operator : CG\JU
 Sample : 04189-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01(48-50)

Quant Time: Sep 01 01:49:35 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	108829	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	460892	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	247563	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	445299	20.000	ng	#-0.01
76) Chrysene-d12	13.957	240	205327	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	243438	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	842355	119.556	ng	0.00
7) Phenol-d6	6.410	99	1059504	120.645	ng	0.00
23) Nitrobenzene-d5	7.334	82	659813	80.428	ng	-0.01
42) 2,4,6-Tribromophenol	10.604	330	300436	114.403	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	1195953	78.652	ng	0.00
79) Terphenyl-d14	12.904	244	1054382	83.800	ng	0.00

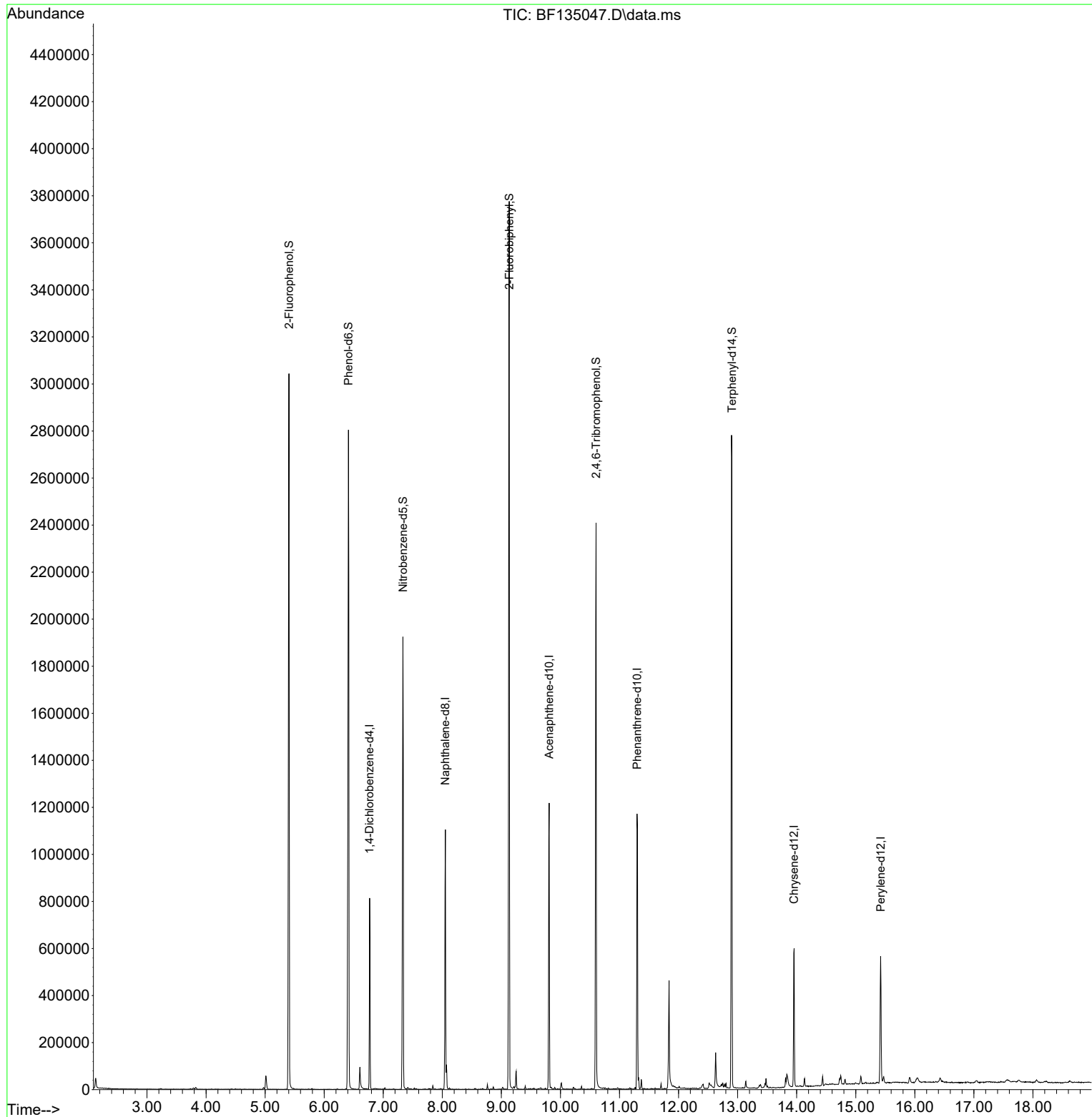
Target Compounds	Qvalue

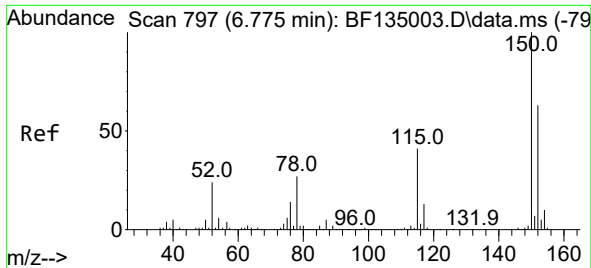
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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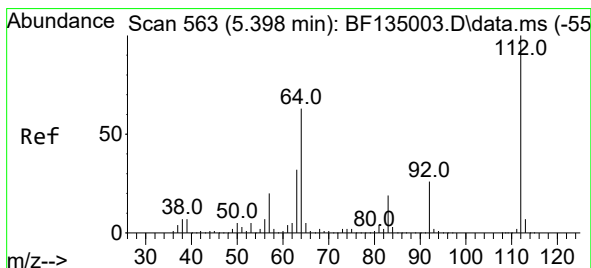
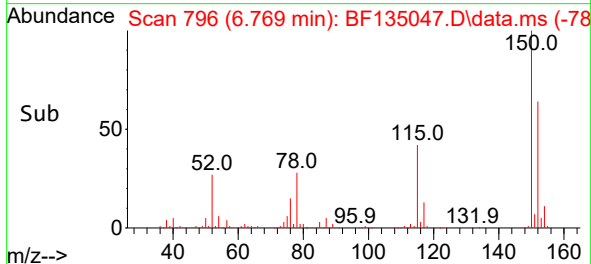
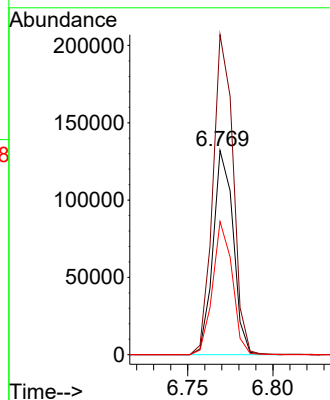
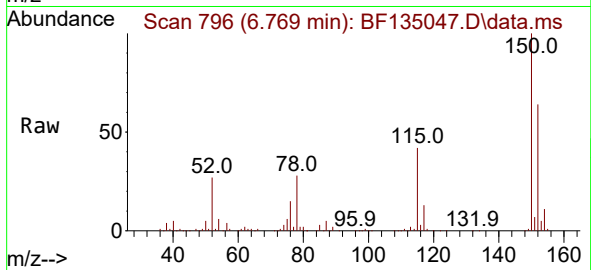




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF135047.D
Acq: 31 Aug 2023 18:17

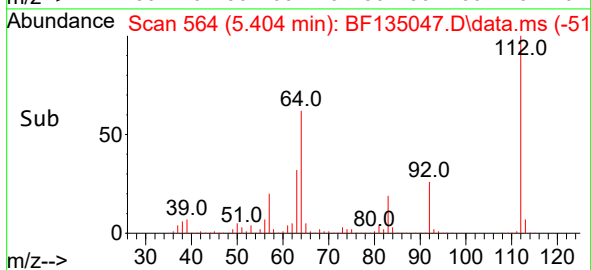
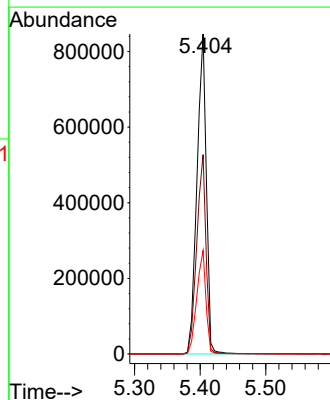
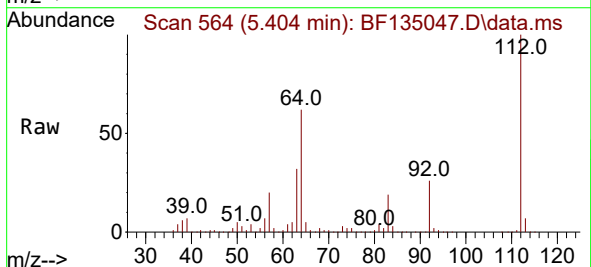
Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)

Tgt Ion:152 Resp: 108829
Ion Ratio Lower Upper
152 100
150 156.7 126.2 189.4
115 65.2 51.2 76.8



#5
2-Fluorophenol
Concen: 119.556 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.006 min
Lab File: BF135047.D
Acq: 31 Aug 2023 18:17

Tgt Ion:112 Resp: 842355
Ion Ratio Lower Upper
112 100
64 62.3 50.5 75.7
63 32.4 25.9 38.9

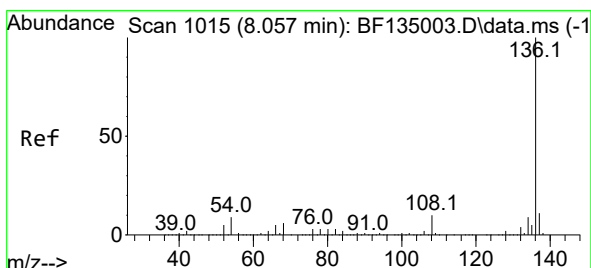
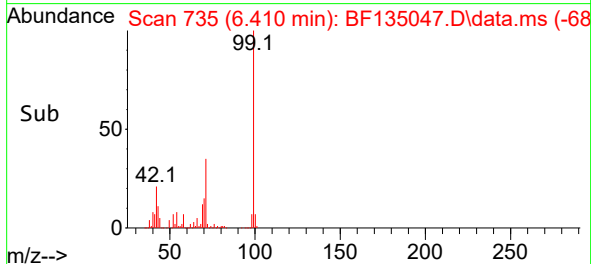
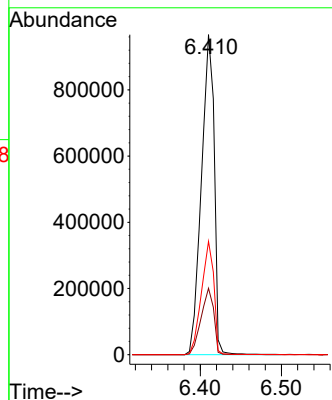
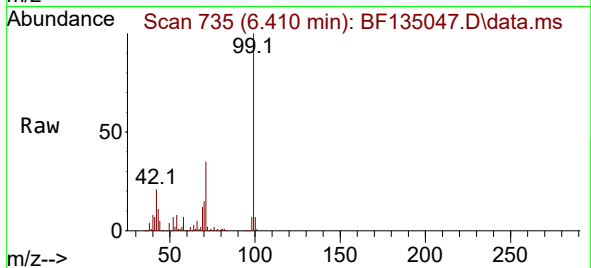




#7
Phenol-d6
Concen: 120.645 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135047.D
Acq: 31 Aug 2023 18:17

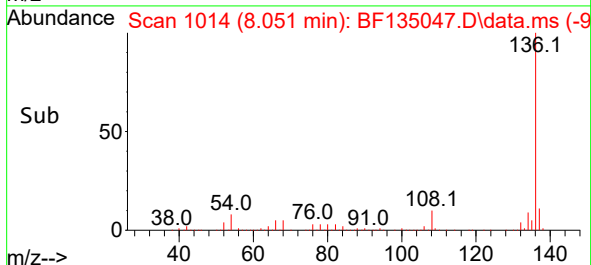
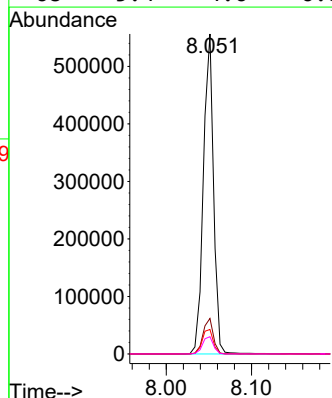
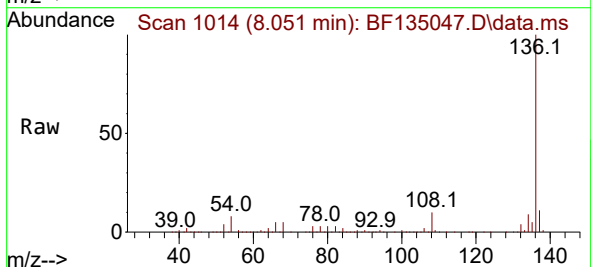
Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)

Tgt Ion: 99 Resp: 1059504
Ion Ratio Lower Upper
99 100
42 20.7 16.6 25.0
71 35.4 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: BF135047.D
Acq: 31 Aug 2023 18:17

Tgt Ion: 136 Resp: 460892
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.7 7.0 10.4
68 5.4 4.6 6.8





#23

Nitrobenzene-d5

Concen: 80.428 ng

RT: 7.334 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF135047.D

Acq: 31 Aug 2023 18:17

Instrument :

BNA_F

ClientSampleId :

SB-01(48-50)

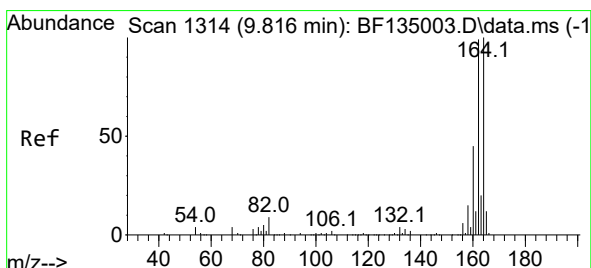
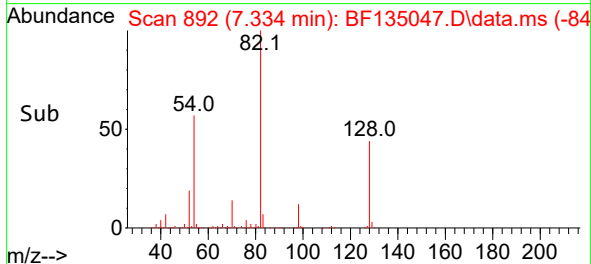
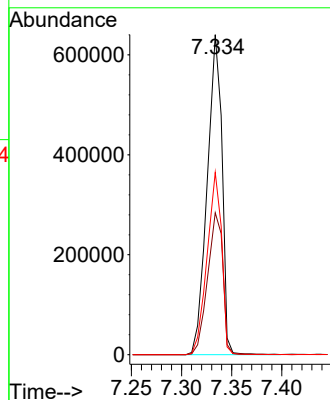
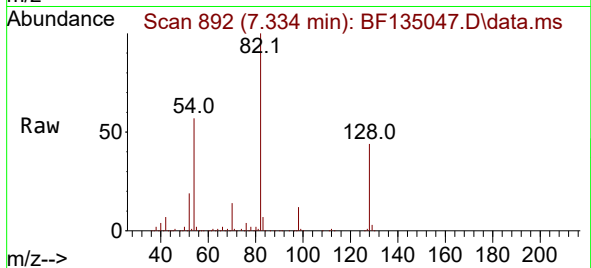
Tgt Ion: 82 Resp: 659813

Ion Ratio Lower Upper

82 100

128 44.3 37.8 56.8

54 57.0 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: BF135047.D

Acq: 31 Aug 2023 18:17

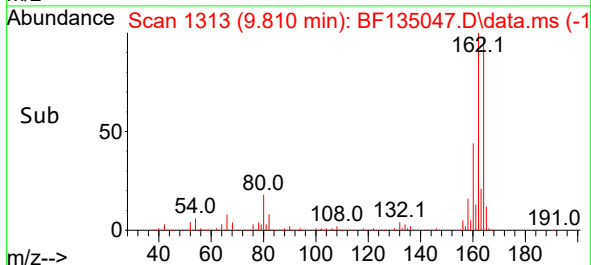
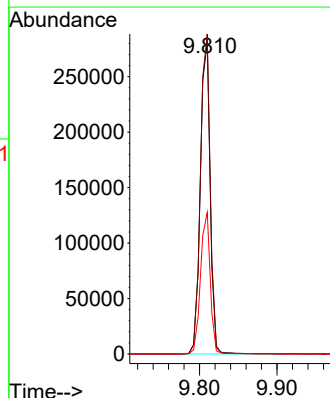
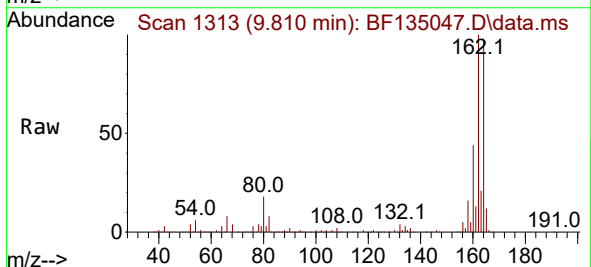
Tgt Ion:164 Resp: 247563

Ion Ratio Lower Upper

164 100

162 102.5 79.5 119.3

160 45.3 36.0 54.0

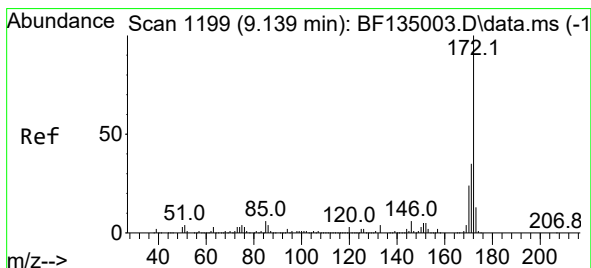
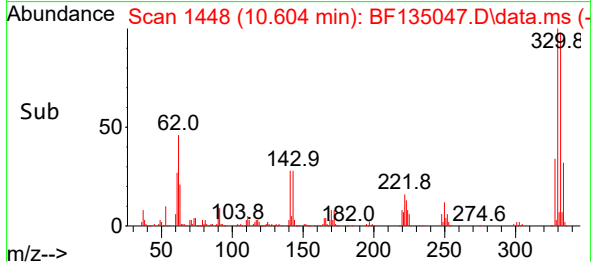
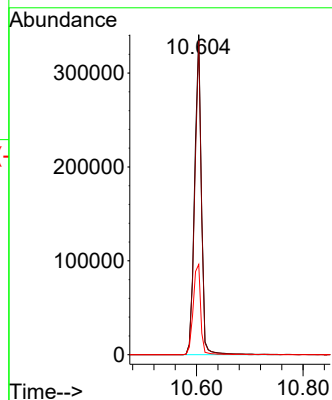
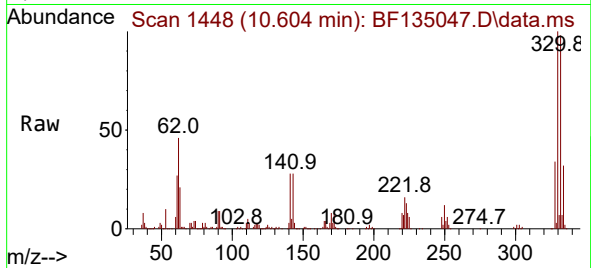




#42
2,4,6-Tribromophenol
Concen: 114.403 ng
RT: 10.604 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF135047.D
Acq: 31 Aug 2023 18:17

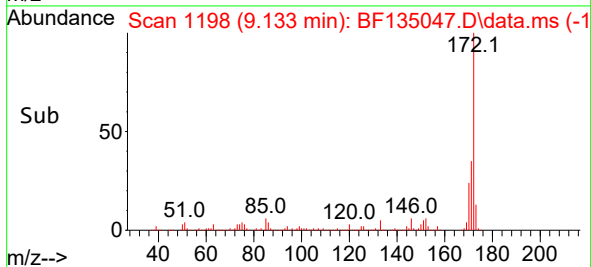
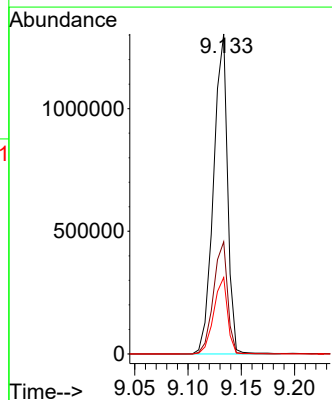
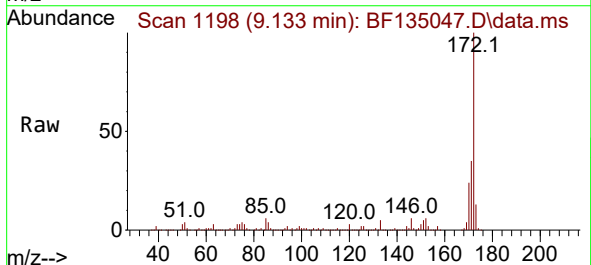
Instrument :
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SB-01(48-50)

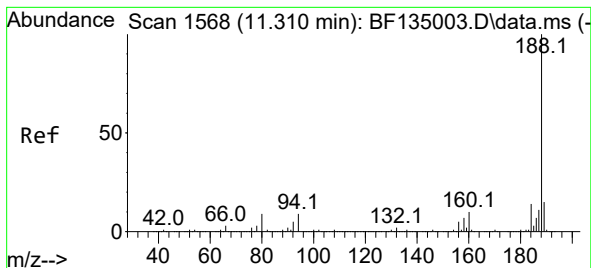
Tgt Ion:330 Resp: 300436
Ion Ratio Lower Upper
330 100
332 95.3 77.6 116.4
141 31.3 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 78.652 ng
RT: 9.133 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF135047.D
Acq: 31 Aug 2023 18:17

Tgt Ion:172 Resp: 1195953
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.2
170 23.9 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: BF135047.D

Acq: 31 Aug 2023 18:17

Instrument :

BNA_F

ClientSampleId :

SB-01(48-50)

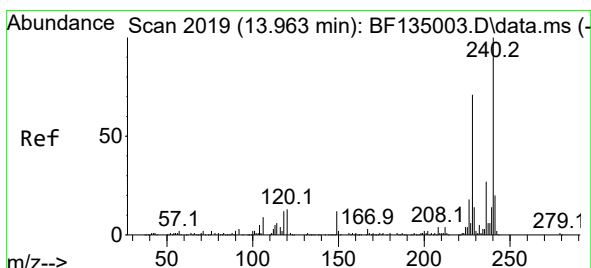
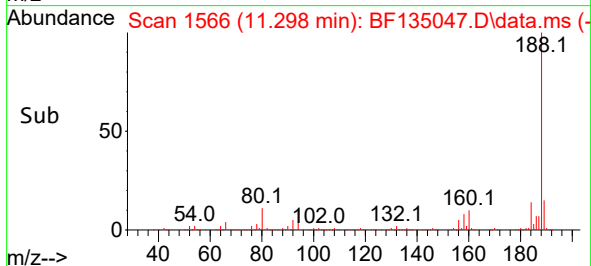
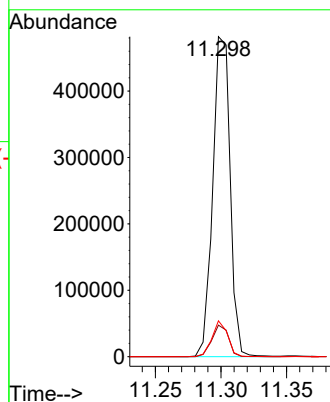
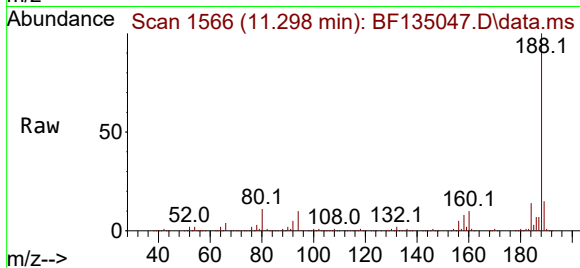
Tgt Ion:188 Resp: 445299

Ion Ratio Lower Upper

188 100

94 9.9 7.0 10.4

80 11.2 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: BF135047.D

Acq: 31 Aug 2023 18:17

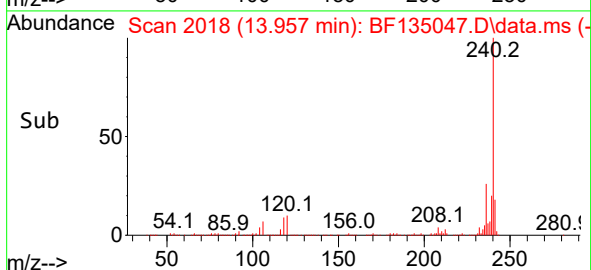
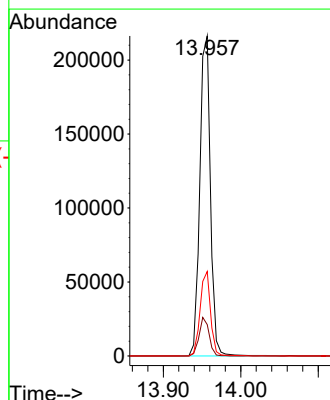
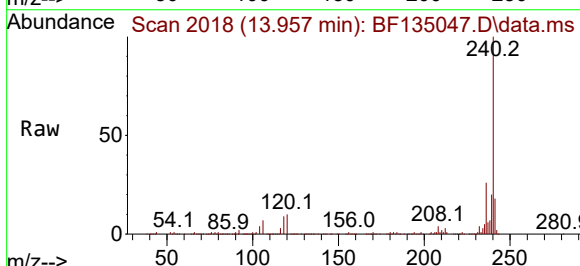
Tgt Ion:240 Resp: 205327

Ion Ratio Lower Upper

240 100

120 9.8 10.2 15.2#

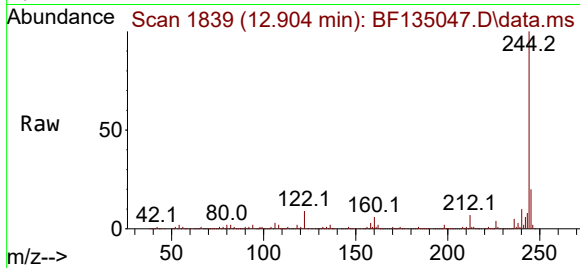
236 26.4 21.3 31.9



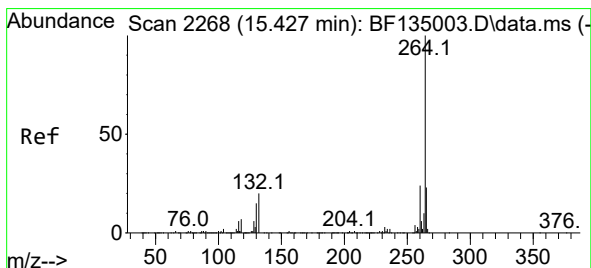
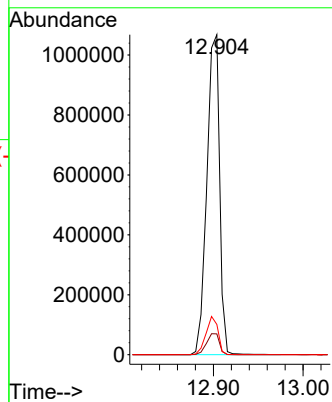
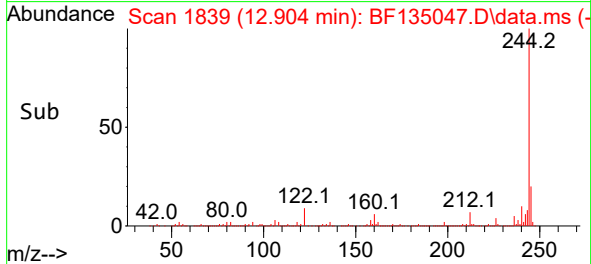


#79
 Terphenyl-d14
 Concen: 83.800 ng
 RT: 12.904 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF135047.D
 Acq: 31 Aug 2023 18:17

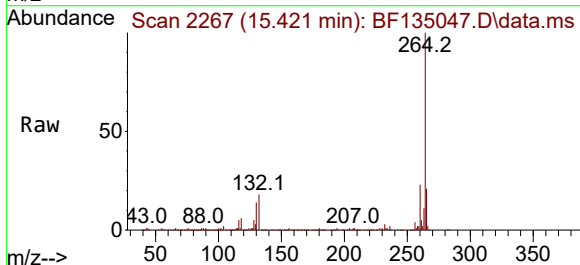
Instrument :
 BNA_F
 ClientSampleId :
 SB-01(48-50)



Tgt Ion:244 Resp: 1054382
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.6 8.4
 122 9.5 9.8 14.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2267
 Delta R.T. -0.006 min
 Lab File: BF135047.D
 Acq: 31 Aug 2023 18:17



Tgt Ion:264 Resp: 243438
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.0 28.6
 265 21.0 18.2 27.2

