

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
 Data File : BF135008.D
 Acq On : 30 Aug 2023 16:46
 Operator : CG\JU
 Sample : PB155010BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155010BL

Quant Time: Aug 31 05:30:37 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	139354	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	589550	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	316009	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	615548	20.000	ng	0.00
76) Chrysene-d12	13.957	240	444535	20.000	ng	0.00
86) Perylene-d12	15.427	264	356984	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	1133797	125.671	ng	0.01
7) Phenol-d6	6.416	99	1383567	123.036	ng	0.00
23) Nitrobenzene-d5	7.334	82	889020	84.718	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	404202	120.578	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	1595251	82.189	ng	0.00
79) Terphenyl-d14	12.910	244	1906392	69.984	ng	0.00

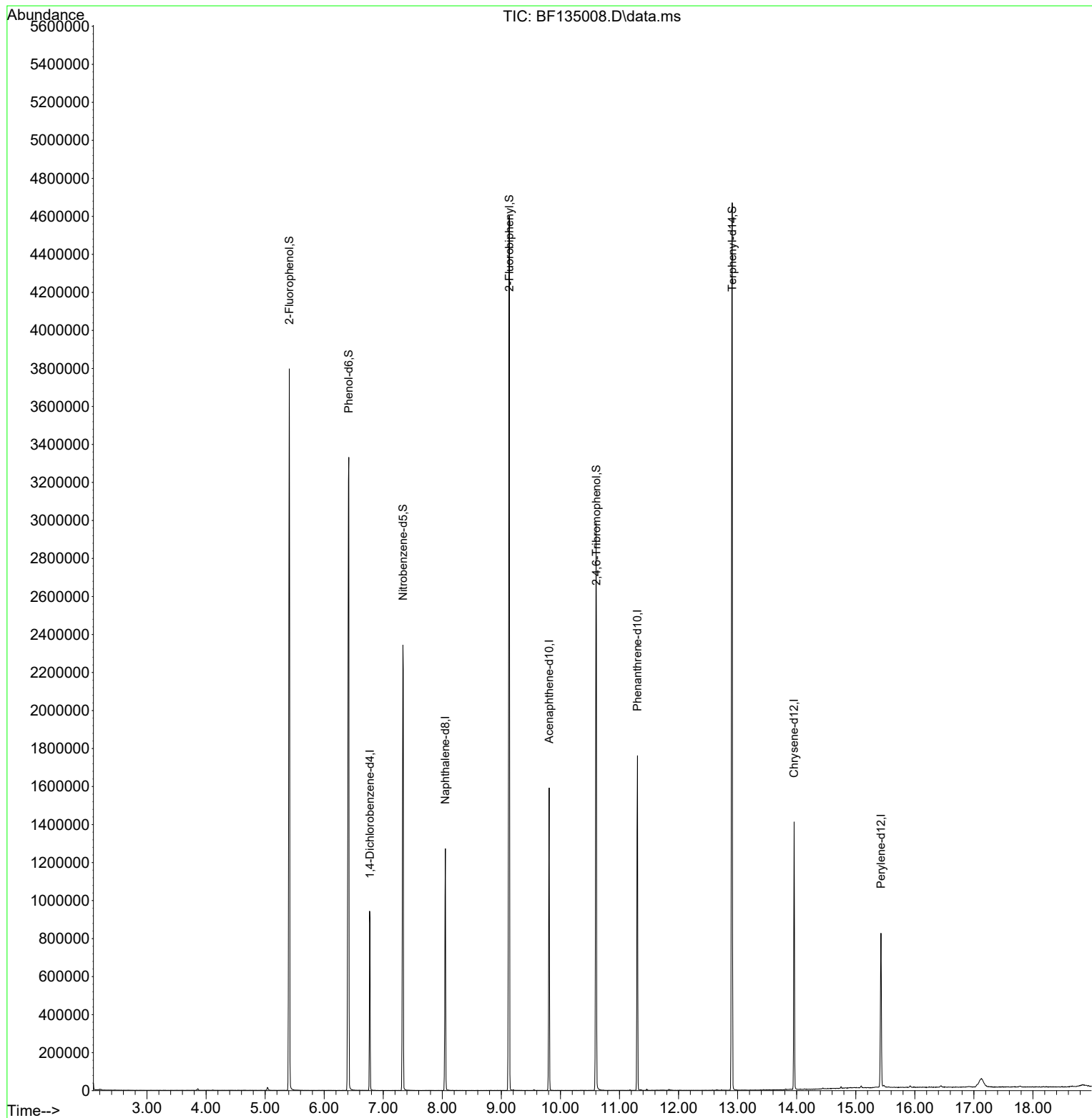
Target Compounds	Qvalue

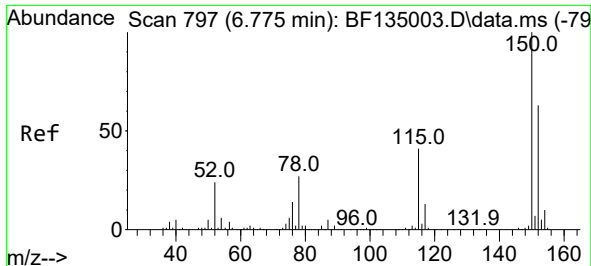
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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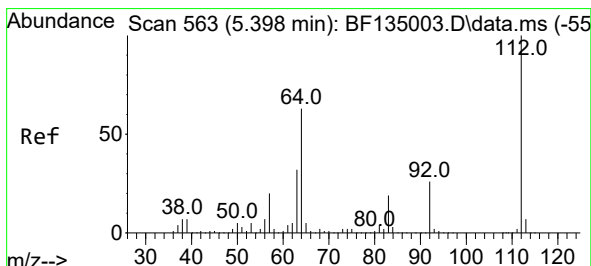
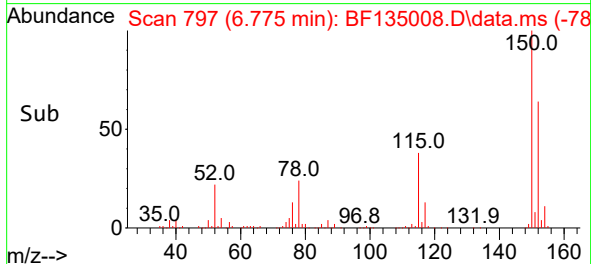
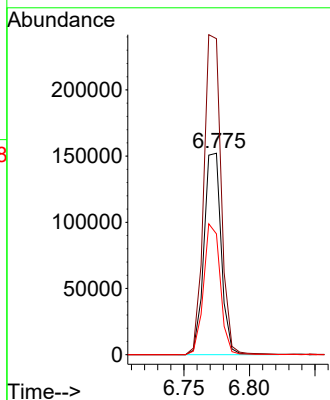
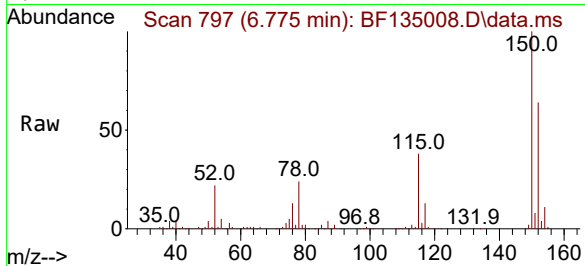




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.775 min Scan# 797
Delta R.T. -0.000 min
Lab File: BF135008.D
Acq: 30 Aug 2023 16:46

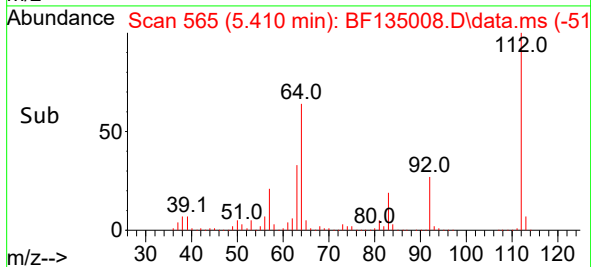
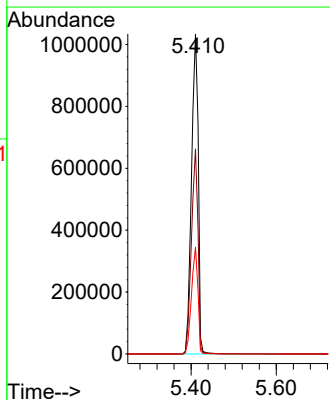
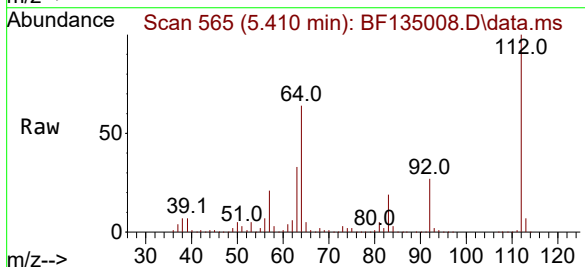
Instrument :
BNA_F
ClientSampleId :
PB155010BL

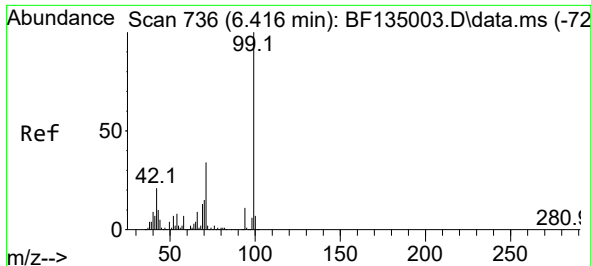
Tgt Ion:152 Resp: 139354
Ion Ratio Lower Upper
152 100
150 156.8 126.2 189.4
115 60.0 51.2 76.8



#5
2-Fluorophenol
Concen: 125.671 ng
RT: 5.410 min Scan# 565
Delta R.T. 0.012 min
Lab File: BF135008.D
Acq: 30 Aug 2023 16:46

Tgt Ion:112 Resp: 1133797
Ion Ratio Lower Upper
112 100
64 64.1 50.5 75.7
63 33.4 25.9 38.9

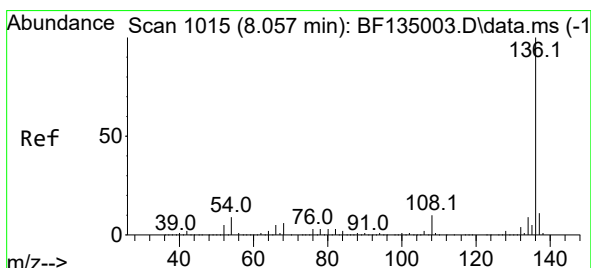
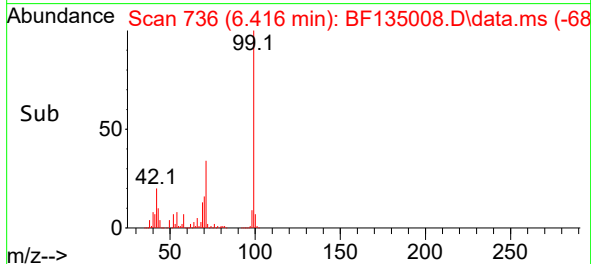
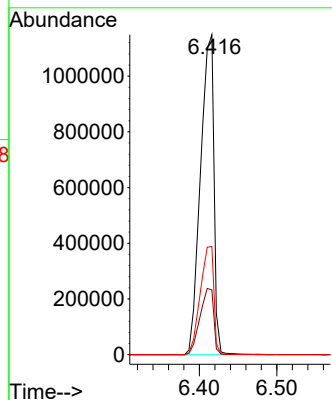
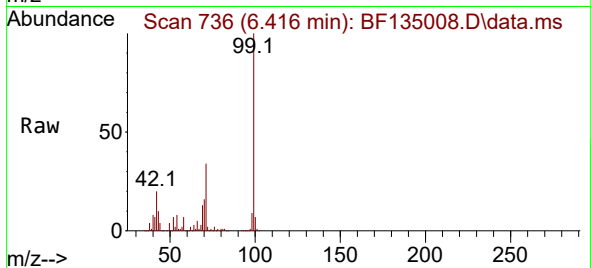




#7
Phenol-d6
Concen: 123.036 ng
RT: 6.416 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135008.D
Acq: 30 Aug 2023 16:46

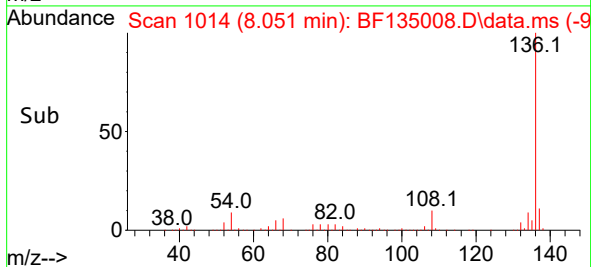
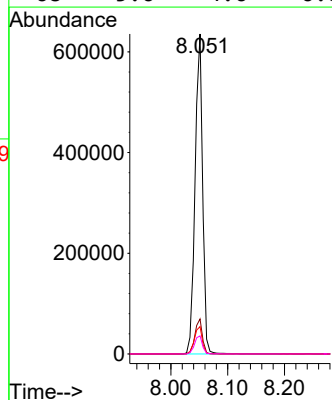
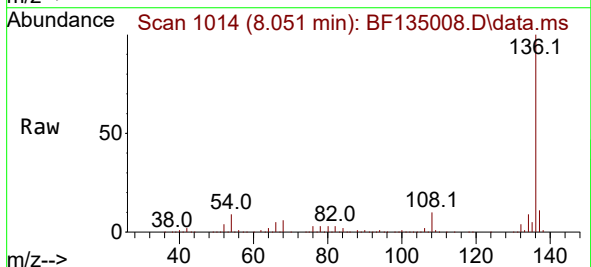
Instrument :
BNA_F
ClientSampleId :
PB155010BL

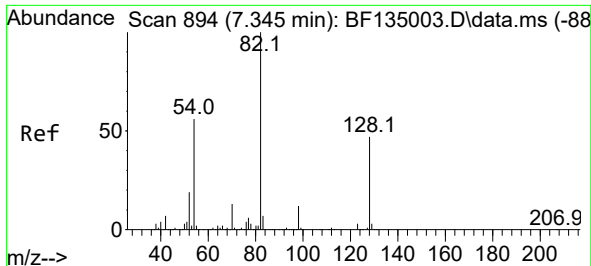
Tgt Ion: 99 Resp: 1383567
Ion Ratio Lower Upper
99 100
42 20.3 16.6 25.0
71 33.8 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF135008.D
Acq: 30 Aug 2023 16:46

Tgt Ion:136 Resp: 589550
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.5 7.0 10.4
68 5.6 4.6 6.8





#23

Nitrobenzene-d5

Concen: 84.718 ng

RT: 7.334 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF135008.D

Acq: 30 Aug 2023 16:46

Instrument :

BNA_F

ClientSampleId :

PB155010BL

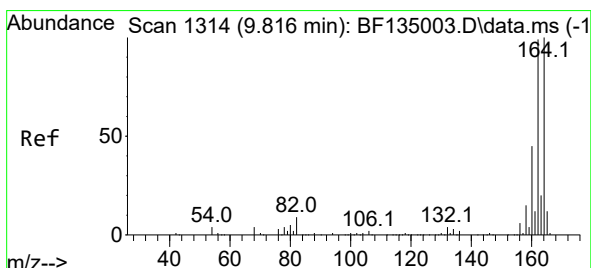
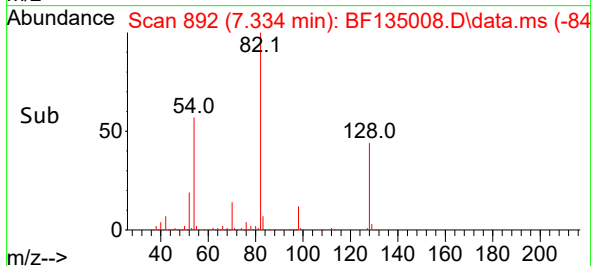
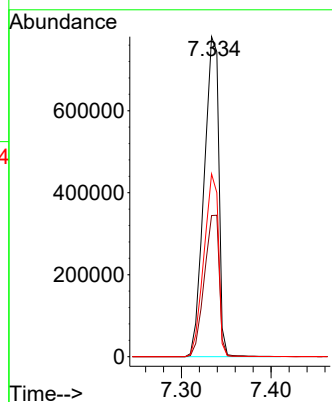
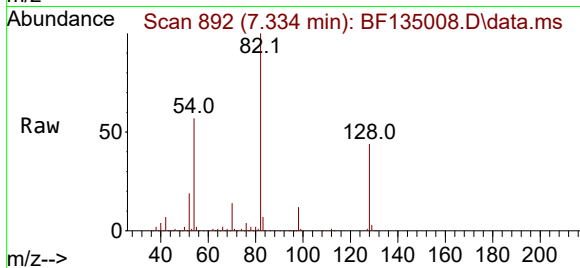
Tgt Ion: 82 Resp: 889020

Ion Ratio Lower Upper

82 100

128 44.1 37.8 56.8

54 57.1 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: BF135008.D

Acq: 30 Aug 2023 16:46

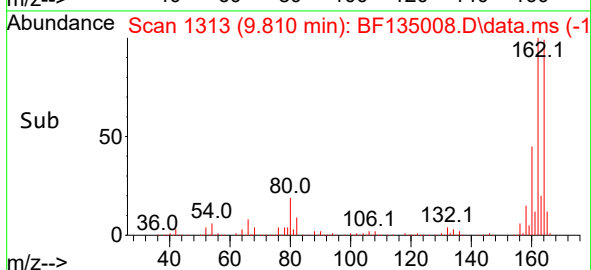
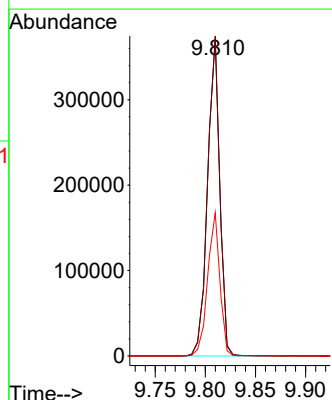
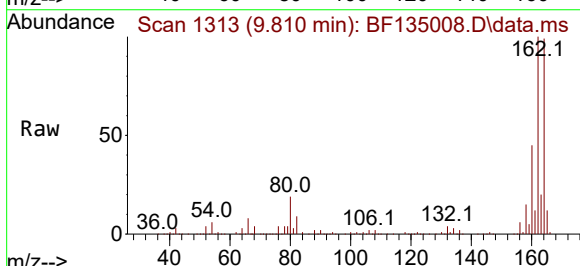
Tgt Ion:164 Resp: 316009

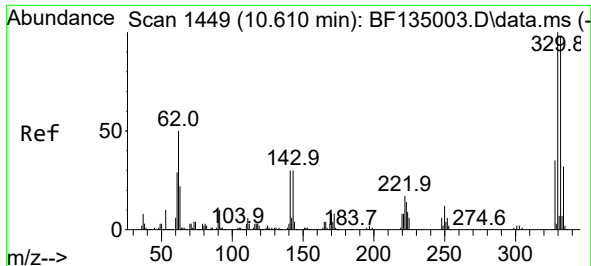
Ion Ratio Lower Upper

164 100

162 100.9 79.5 119.3

160 45.1 36.0 54.0

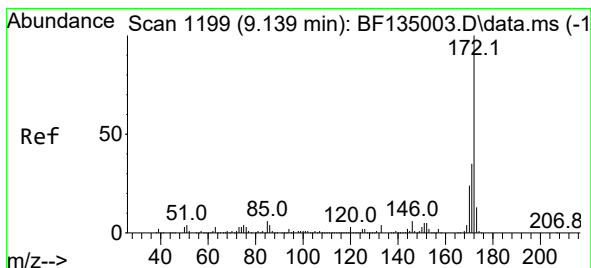
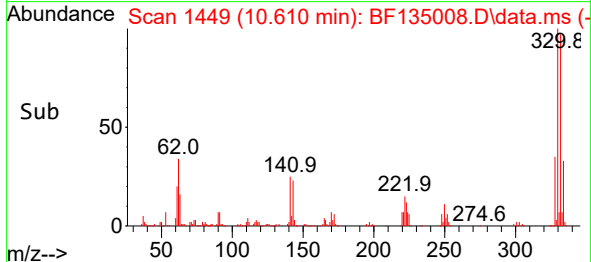
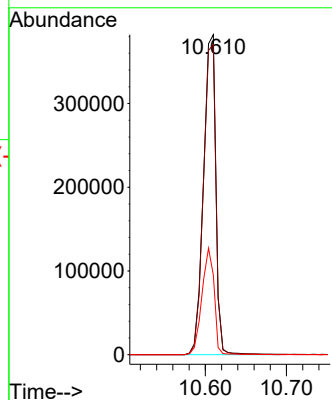
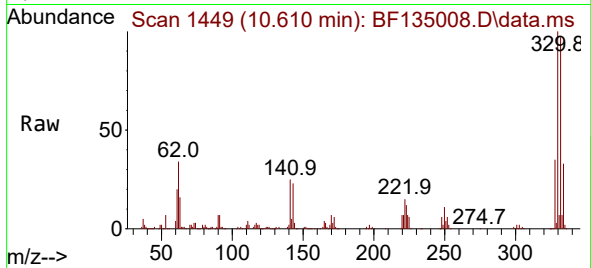




#42
2,4,6-Tribromophenol
Concen: 120.578 ng
RT: 10.610 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF135008.D
Acq: 30 Aug 2023 16:46

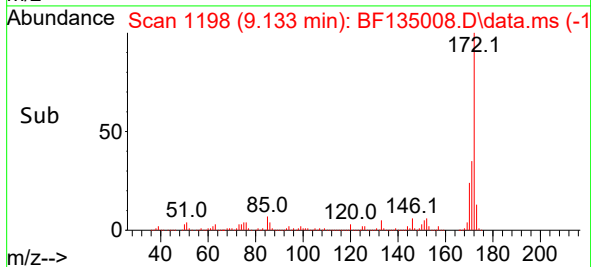
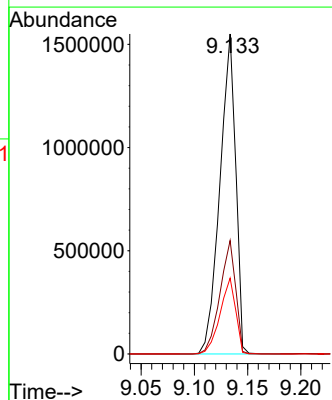
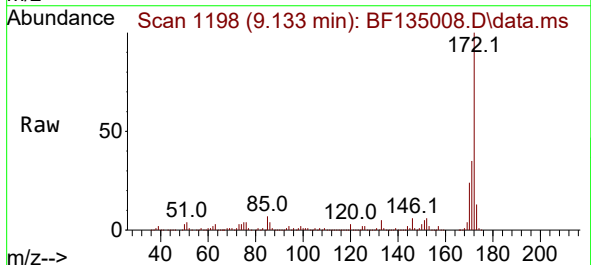
Instrument :
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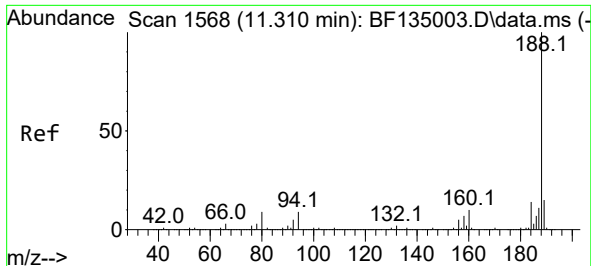
Tgt Ion:330 Resp: 404202
Ion Ratio Lower Upper
330 100
332 97.6 77.6 116.4
141 32.9 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 82.189 ng
RT: 9.133 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF135008.D
Acq: 30 Aug 2023 16:46

Tgt Ion:172 Resp: 1595251
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.2
170 23.7 19.0 28.4

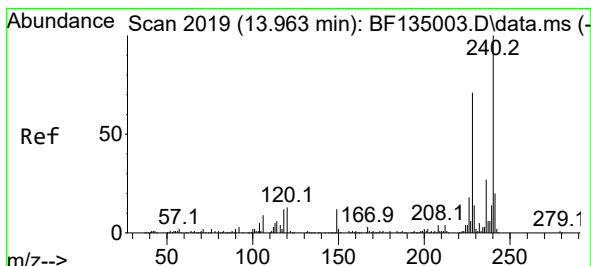
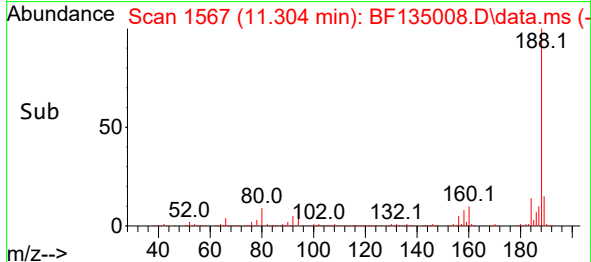
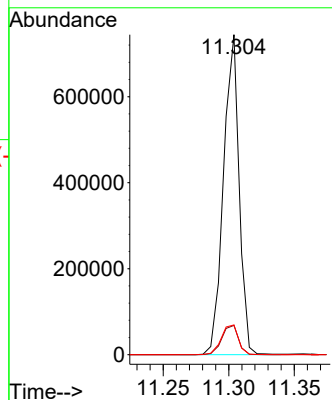
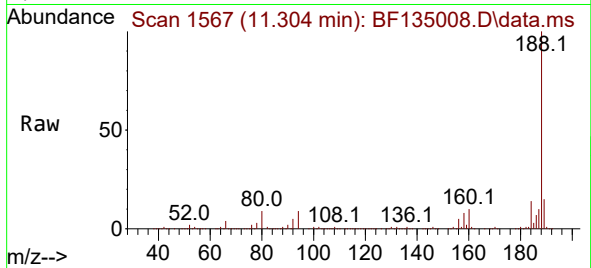




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135008.D
Acq: 30 Aug 2023 16:46

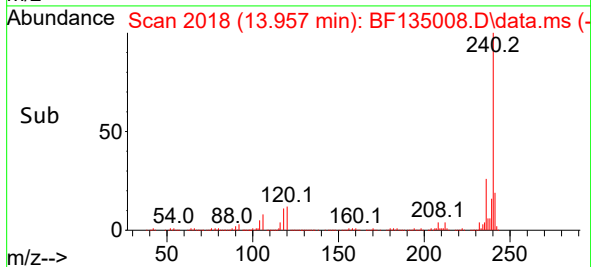
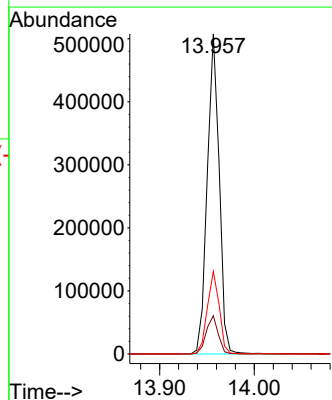
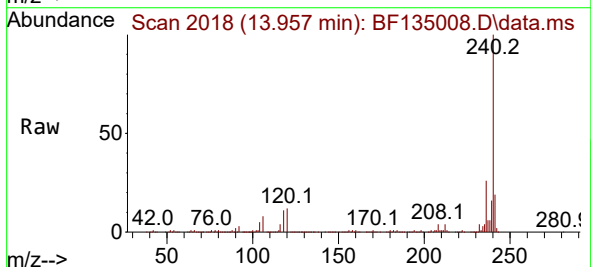
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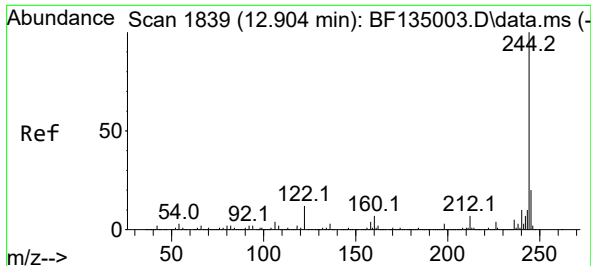
Tgt Ion:188 Resp: 615548
Ion Ratio Lower Upper
188 100
94 9.2 7.0 10.4
80 9.3 7.4 11.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF135008.D
Acq: 30 Aug 2023 16:46

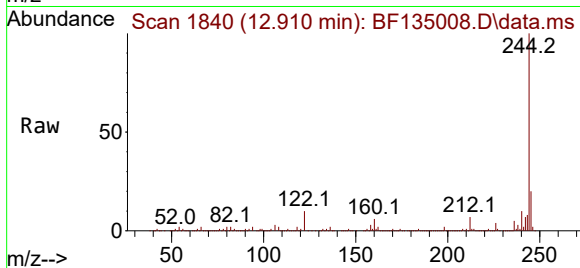
Tgt Ion:240 Resp: 444535
Ion Ratio Lower Upper
240 100
120 12.0 10.2 15.2
236 25.8 21.3 31.9



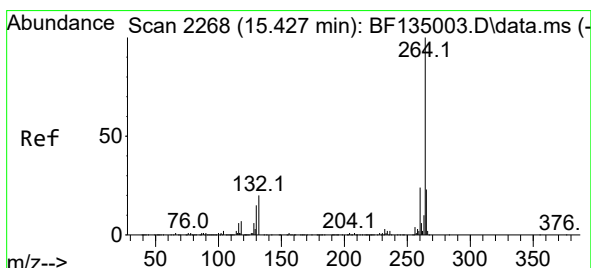
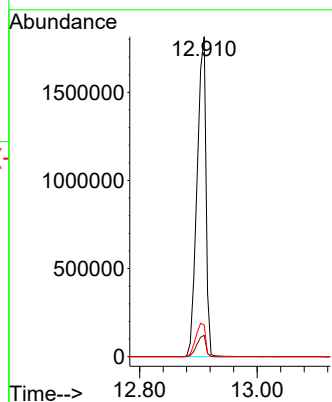
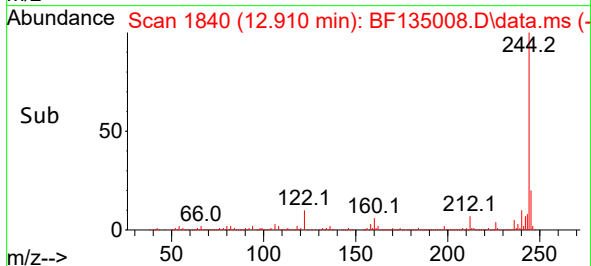


#79
 Terphenyl-d14
 Concen: 69.984 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. 0.006 min
 Lab File: BF135008.D
 Acq: 30 Aug 2023 16:46

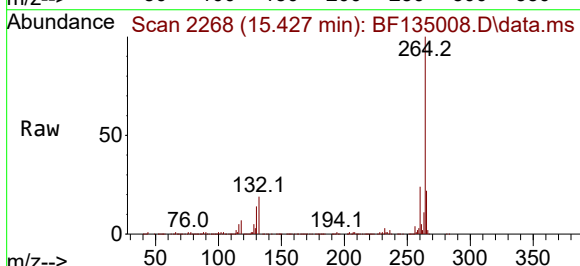
Instrument :
 BNA_F
 ClientSampleId :
 PB155010BL



Tgt Ion:244 Resp: 1906392
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 9.9 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: BF135008.D
 Acq: 30 Aug 2023 16:46



Tgt Ion:264 Resp: 356984
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.6
 265 22.1 18.2 27.2

