

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090523\
 Data File : BF135105.D
 Acq On : 05 Sep 2023 21:20
 Operator : CG\JU
 Sample : PB155231TB
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155231TB

Quant Time: Sep 06 01:57:38 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	131321	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	548511	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	282378	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	545118	20.000	ng	0.00
76) Chrysene-d12	13.957	240	396514	20.000	ng	0.00
86) Perylene-d12	15.427	264	324824	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	912938	107.381	ng	0.02
7) Phenol-d6	6.416	99	1111566	104.894	ng	0.00
23) Nitrobenzene-d5	7.333	82	716341	73.370	ng	-0.01
42) 2,4,6-Tribromophenol	10.604	330	325665	108.720	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	1266495	73.022	ng	0.00
79) Terphenyl-d14	12.904	244	1549744	63.782	ng	0.00

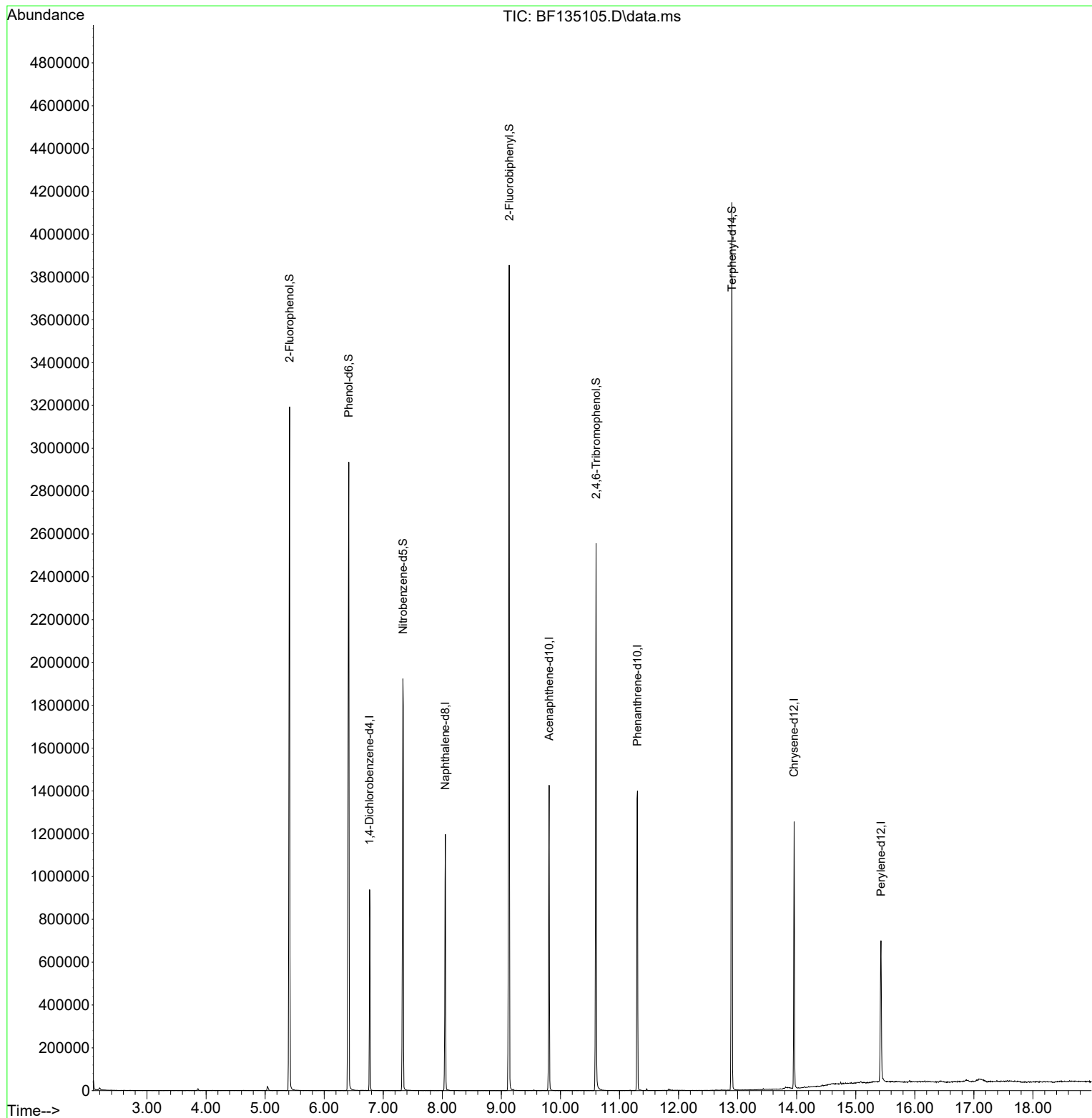
Target Compounds	Qvalue

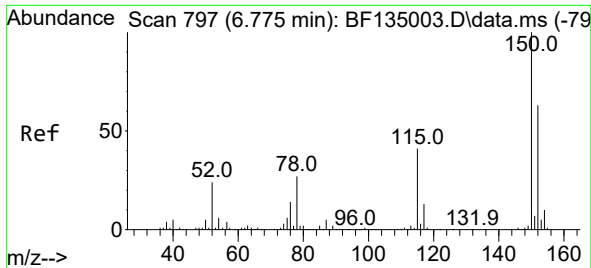
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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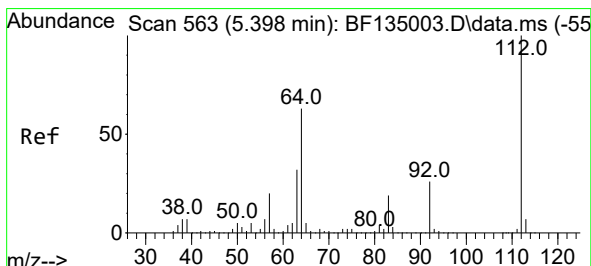
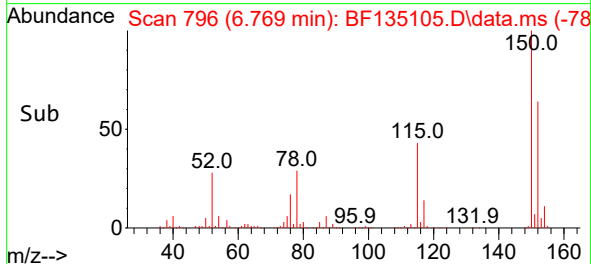
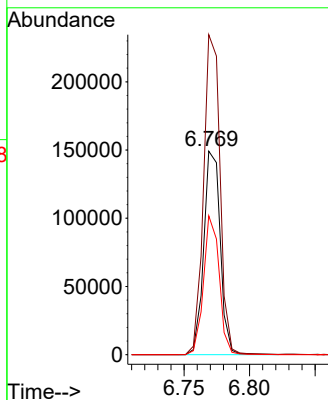
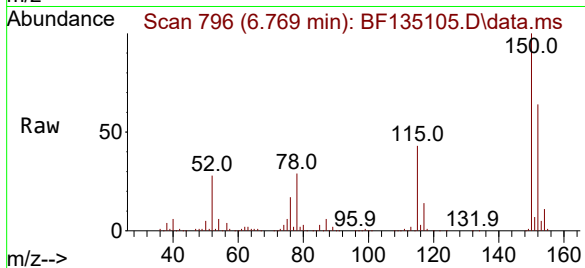




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.769 min Scan# 797
 Delta R.T. -0.006 min
 Lab File: BF135105.D
 Acq: 05 Sep 2023 21:20

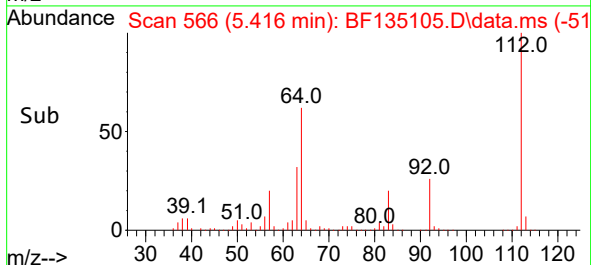
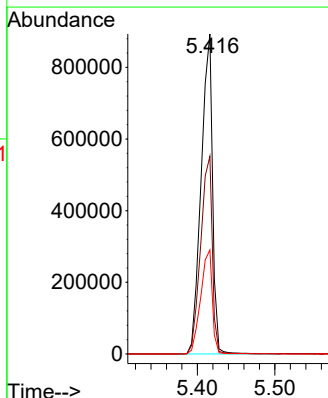
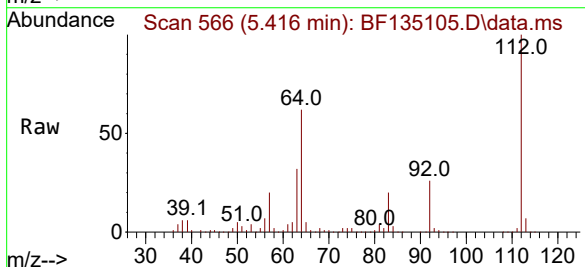
Instrument :
 BNA_F
 ClientSampleId :
 PB155231TB

Tgt Ion:152 Resp: 131321
 Ion Ratio Lower Upper
 152 100
 150 157.2 126.2 189.4
 115 68.2 51.2 76.8



#5
 2-Fluorophenol
 Concen: 107.381 ng
 RT: 5.416 min Scan# 566
 Delta R.T. 0.018 min
 Lab File: BF135105.D
 Acq: 05 Sep 2023 21:20

Tgt Ion:112 Resp: 912938
 Ion Ratio Lower Upper
 112 100
 64 61.8 50.5 75.7
 63 32.5 25.9 38.9

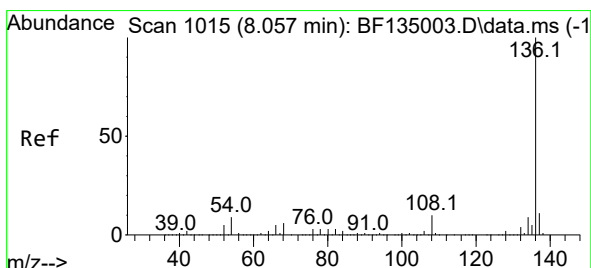
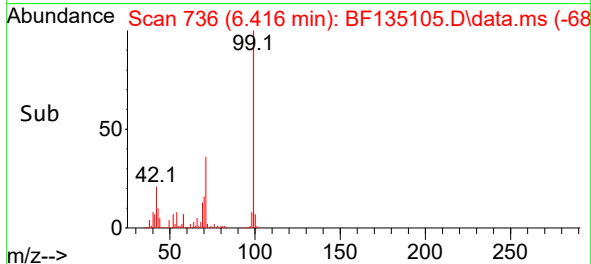
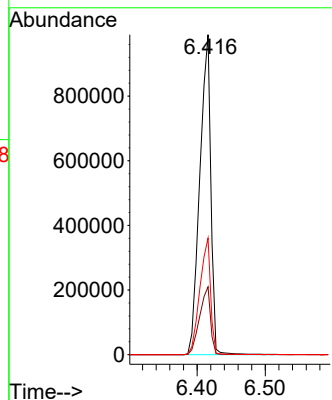
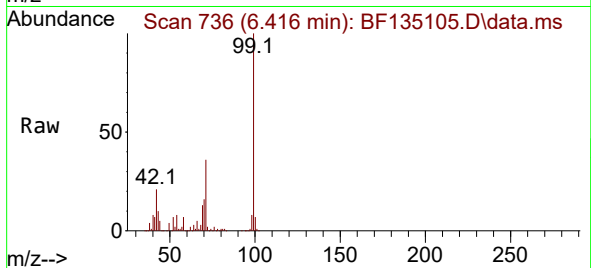




#7
Phenol-d6
Concen: 104.894 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135105.D
Acq: 05 Sep 2023 21:20

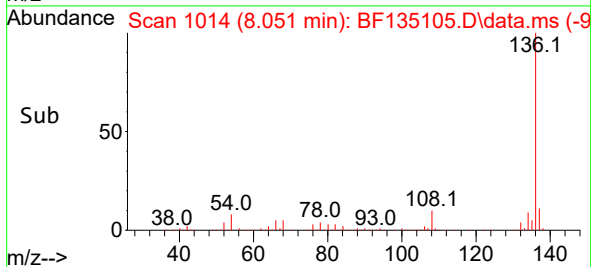
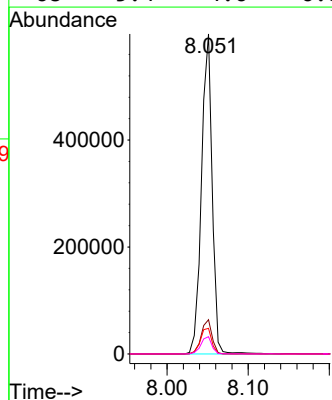
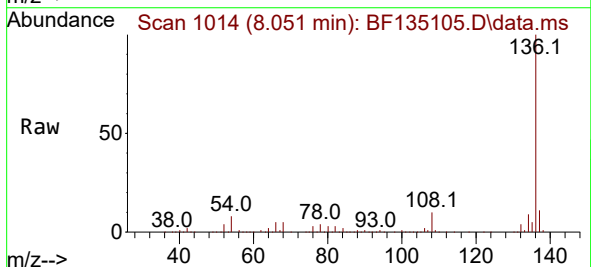
Instrument :
BNA_F
ClientSampleId :
PB155231TB

Tgt Ion: 99 Resp: 1111566
Ion Ratio Lower Upper
99 100
42 21.2 16.6 25.0
71 36.4 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: BF135105.D
Acq: 05 Sep 2023 21:20

Tgt Ion:136 Resp: 548511
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 8.0 7.0 10.4
68 5.4 4.6 6.8





#23

Nitrobenzene-d5

Concen: 73.370 ng

RT: 7.333 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF135105.D

Acq: 05 Sep 2023 21:20

Instrument :

BNA_F

ClientSampleId :

PB155231TB

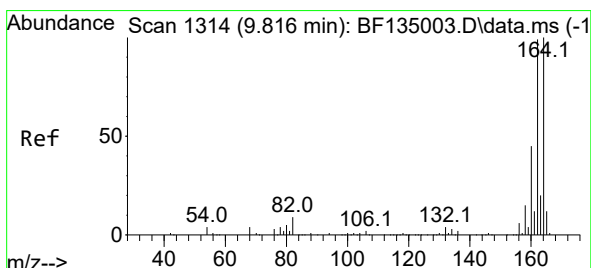
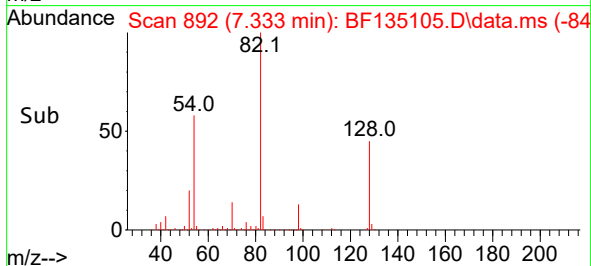
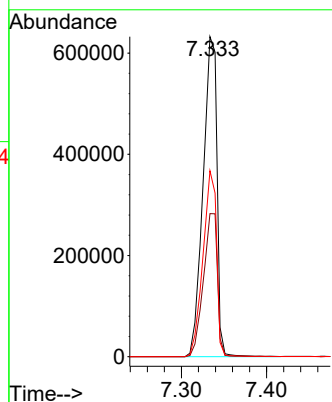
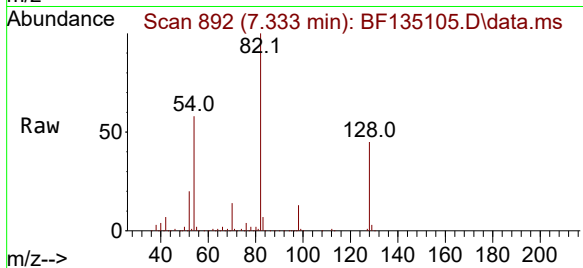
Tgt Ion: 82 Resp: 716341

Ion Ratio Lower Upper

82 100

128 44.7 37.8 56.8

54 58.1 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: BF135105.D

Acq: 05 Sep 2023 21:20

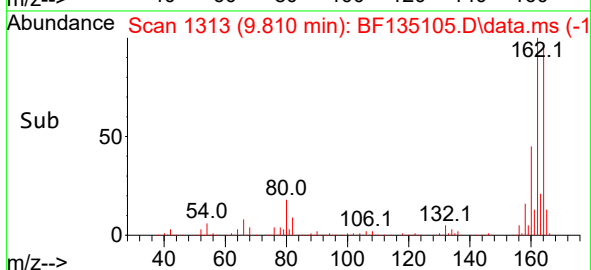
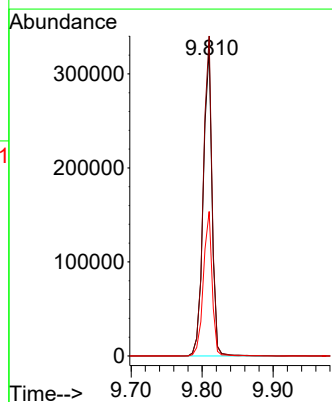
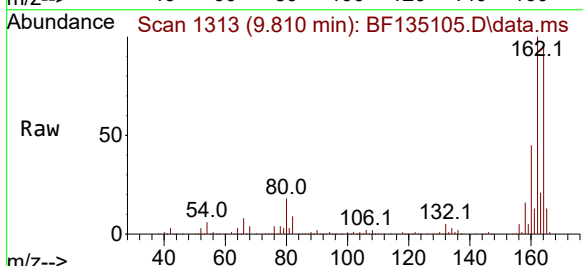
Tgt Ion:164 Resp: 282378

Ion Ratio Lower Upper

164 100

162 104.3 79.5 119.3

160 47.1 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 108.720 ng

RT: 10.604 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF135105.D

Acq: 05 Sep 2023 21:20

Instrument :

BNA_F

ClientSampleId :

PB155231TB

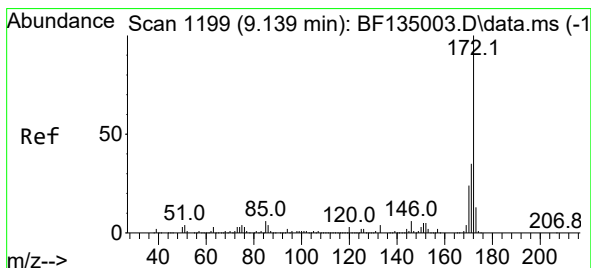
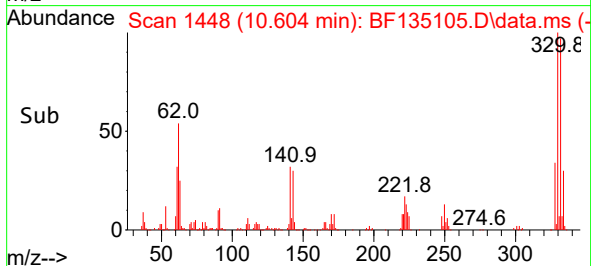
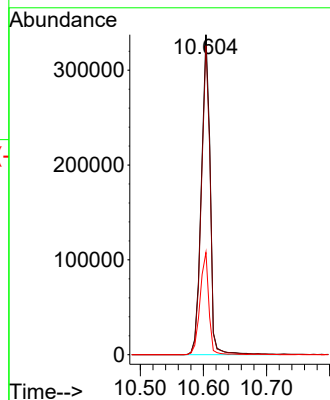
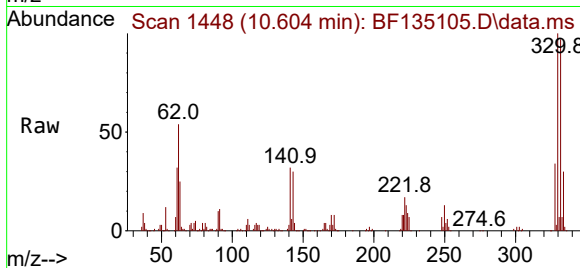
Tgt Ion:330 Resp: 325665

Ion Ratio Lower Upper

330 100

332 95.9 77.6 116.4

141 31.8 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 73.022 ng

RT: 9.133 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF135105.D

Acq: 05 Sep 2023 21:20

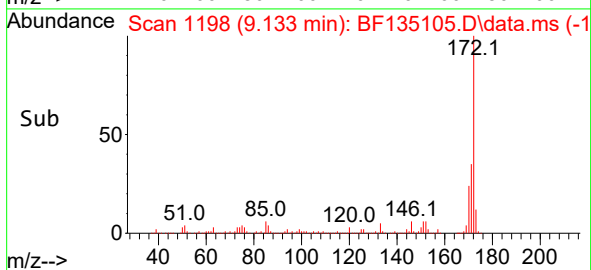
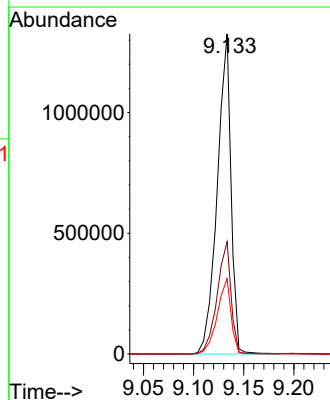
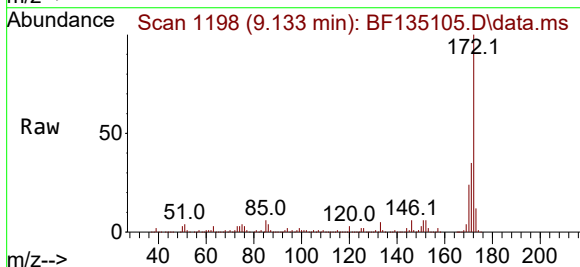
Tgt Ion:172 Resp: 1266495

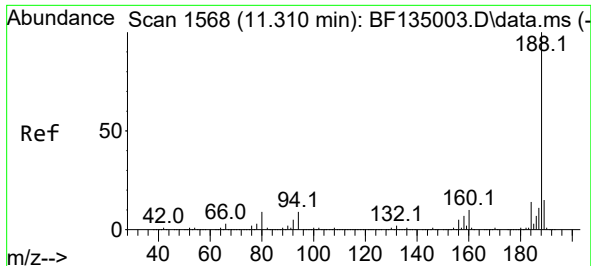
Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.2

170 23.5 19.0 28.4

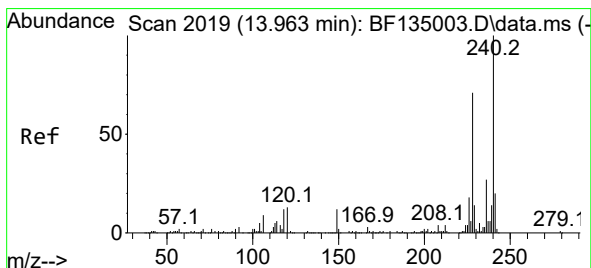
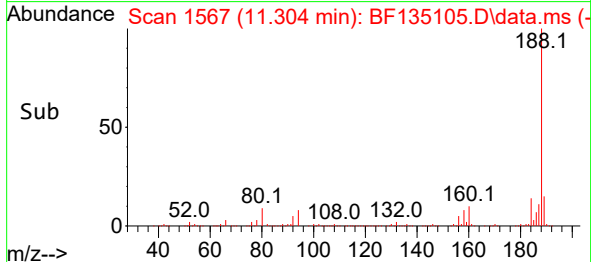
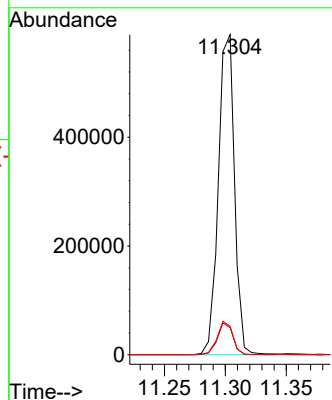
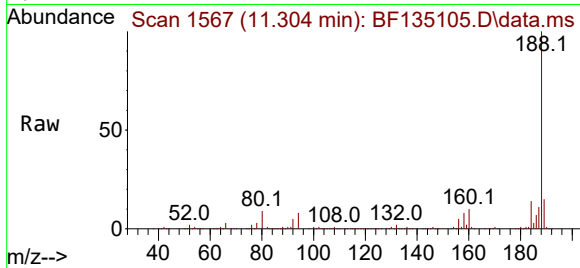




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135105.D
Acq: 05 Sep 2023 21:20

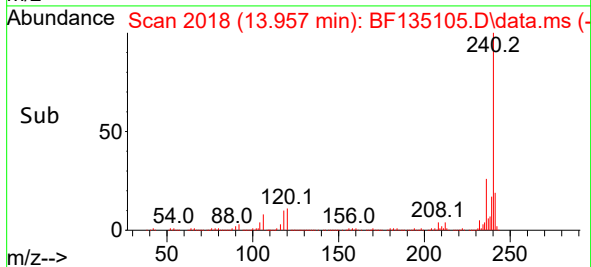
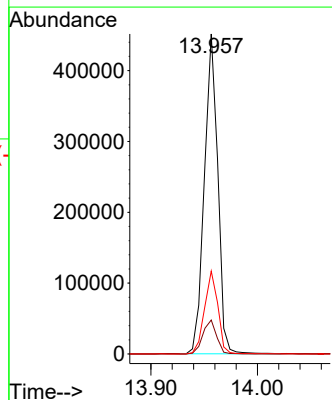
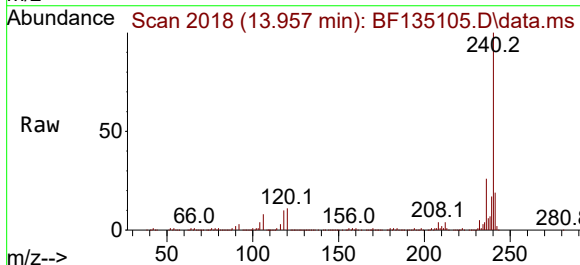
Instrument :
BNA_F
ClientSampleId :
PB155231TB

Tgt Ion:188 Resp: 545118
Ion Ratio Lower Upper
188 100
94 8.5 7.0 10.4
80 8.9 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: BF135105.D
Acq: 05 Sep 2023 21:20

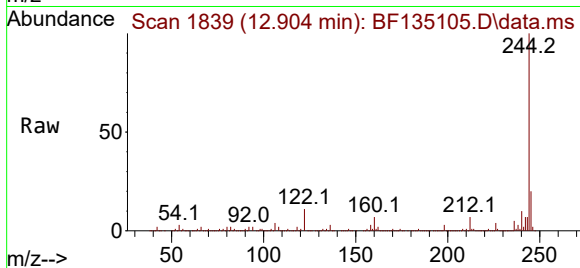
Tgt Ion:240 Resp: 396514
Ion Ratio Lower Upper
240 100
120 10.6 10.2 15.2
236 25.9 21.3 31.9





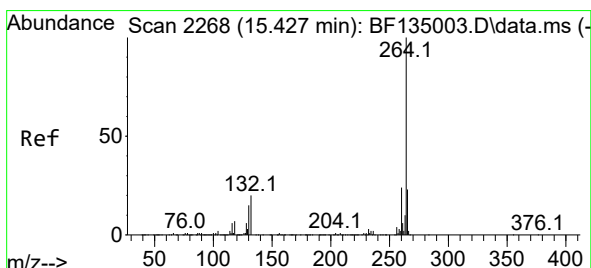
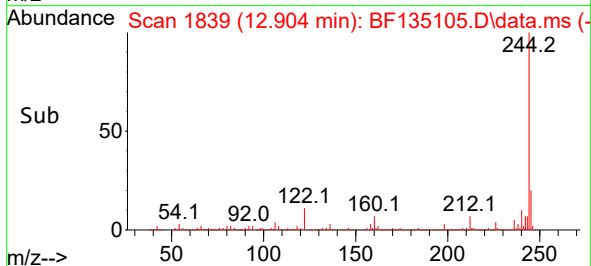
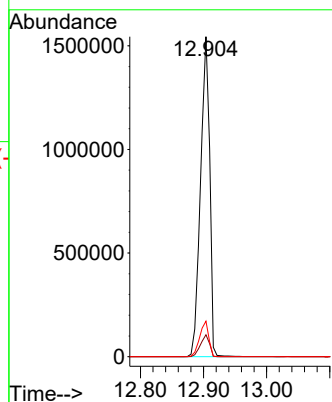
#79
 Terphenyl-d14
 Concen: 63.782 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.000 min
 Lab File: BF135105.D
 Acq: 05 Sep 2023 21:20

Instrument :
 BNA_F
 ClientSampleId :
 PB155231TB



Tgt Ion:244 Resp: 1549744

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	11.1	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: BF135105.D
 Acq: 05 Sep 2023 21:20

Tgt Ion:264 Resp: 324824

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.0	28.6
265	21.3	18.2	27.2

