

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090523\
 Data File : BF135089.D
 Acq On : 05 Sep 2023 11:22
 Operator : CG\JU
 Sample : PB155213BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155213BL

Quant Time: Sep 05 12:06:30 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	129315	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	559887	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	296713	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	589748	20.000	ng	0.00
76) Chrysene-d12	13.957	240	419258	20.000	ng	0.00
86) Perylene-d12	15.427	264	345490	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1081161	129.140	ng	0.02
7) Phenol-d6	6.416	99	1340882	128.497	ng	0.00
23) Nitrobenzene-d5	7.340	82	867244	87.022	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	408141	129.671	ng	0.00
45) 2-Fluorobiphenyl	9.134	172	1550256	85.065	ng	0.00
79) Terphenyl-d14	12.904	244	1888731	73.516	ng	0.00

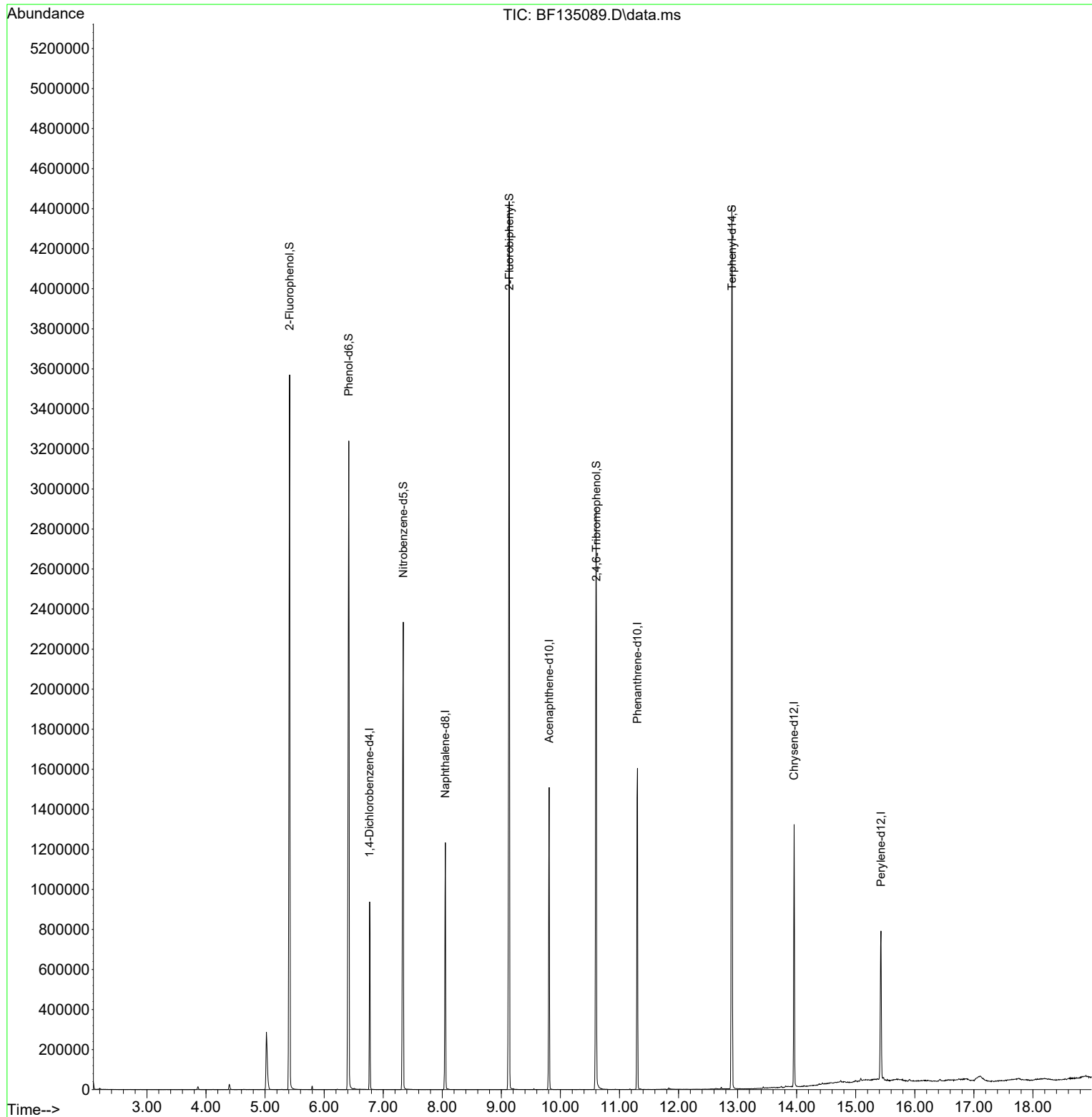
Target Compounds	Qvalue

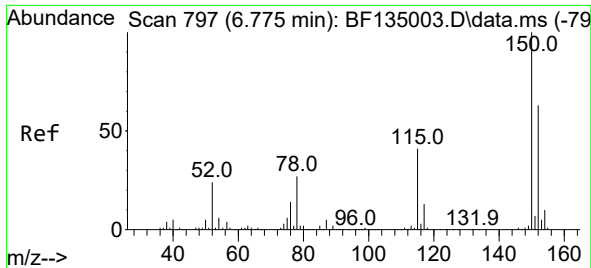
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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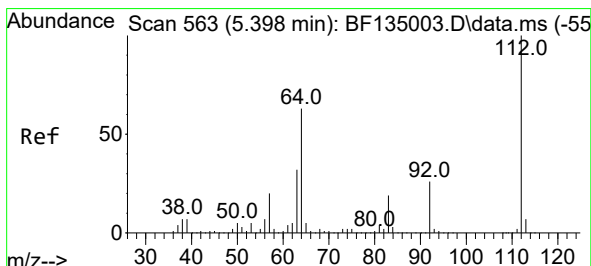
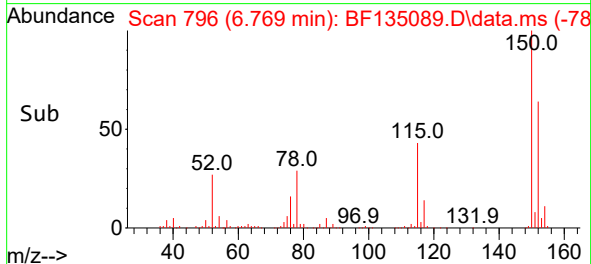
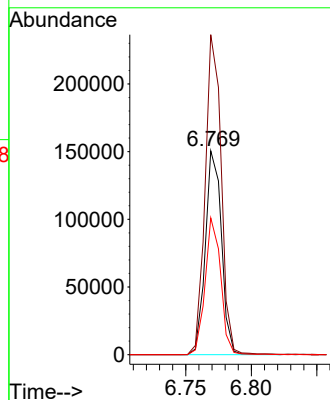
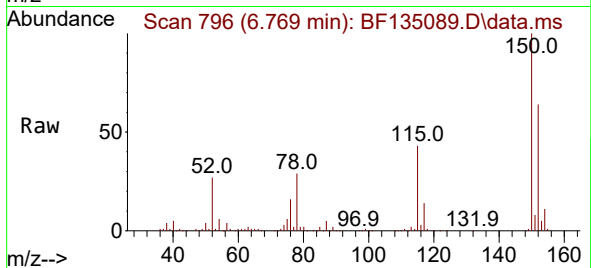




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF135089.D
Acq: 05 Sep 2023 11:22

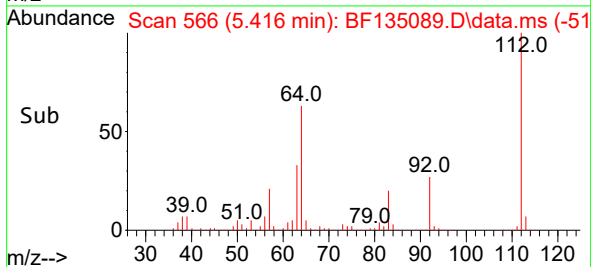
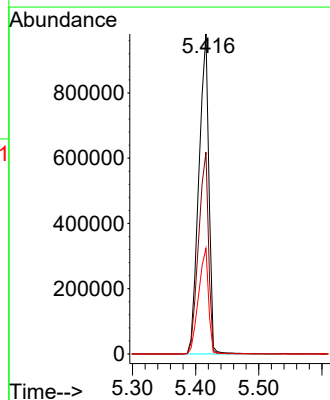
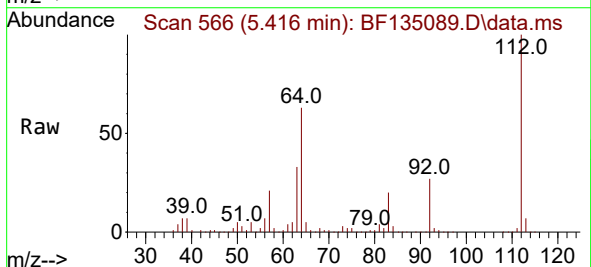
Instrument :
BNA_F
ClientSampleId :
PB155213BL

Tgt Ion:152 Resp: 129315
Ion Ratio Lower Upper
152 100
150 157.0 126.2 189.4
115 67.1 51.2 76.8



#5
2-Fluorophenol
Concen: 129.140 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.018 min
Lab File: BF135089.D
Acq: 05 Sep 2023 11:22

Tgt Ion:112 Resp: 1081161
Ion Ratio Lower Upper
112 100
64 63.1 50.5 75.7
63 33.0 25.9 38.9

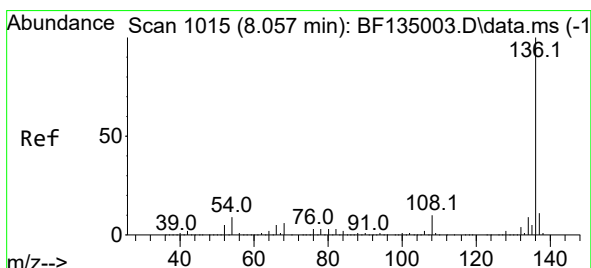
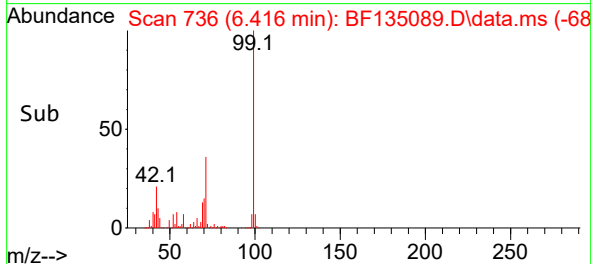
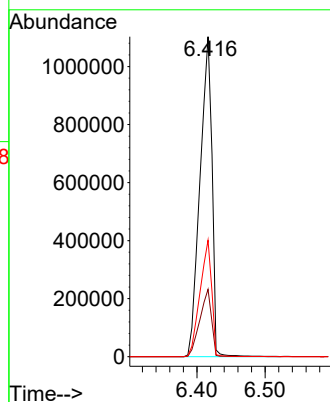
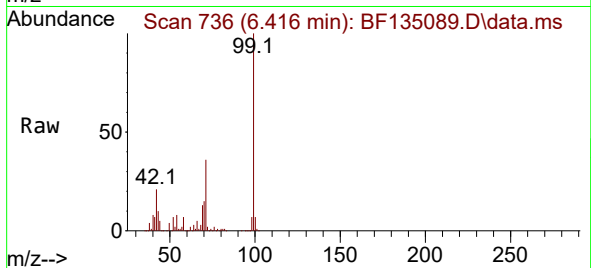




#7
Phenol-d6
Concen: 128.497 ng
RT: 6.416 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135089.D
Acq: 05 Sep 2023 11:22

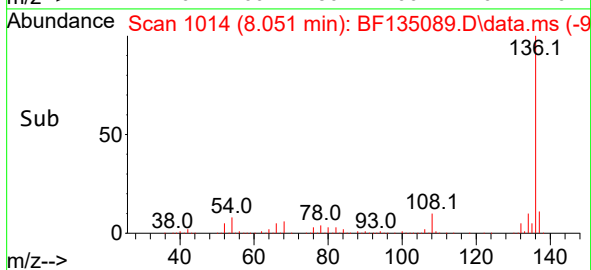
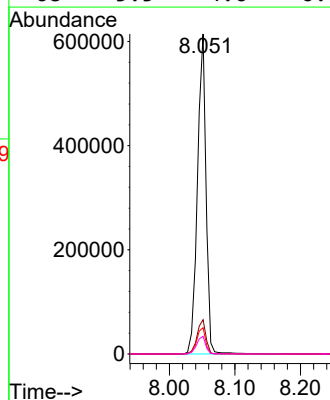
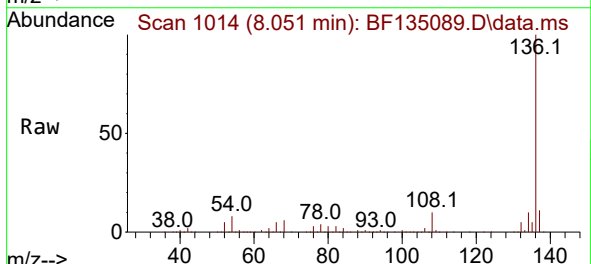
Instrument :
BNA_F
ClientSampleId :
PB155213BL

Tgt Ion: 99 Resp: 1340882
Ion Ratio Lower Upper
99 100
42 21.1 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: BF135089.D
Acq: 05 Sep 2023 11:22

Tgt Ion: 136 Resp: 559887
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 8.2 7.0 10.4
68 5.5 4.6 6.8





#23

Nitrobenzene-d5

Concen: 87.022 ng

RT: 7.340 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF135089.D

Acq: 05 Sep 2023 11:22

Instrument :

BNA_F

ClientSampleId :

PB155213BL

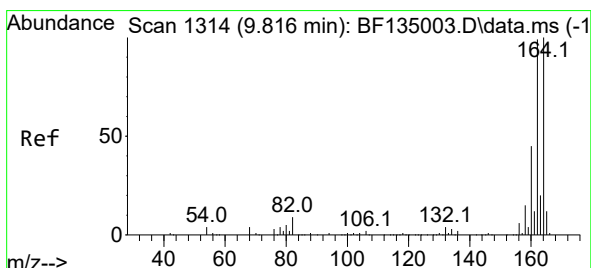
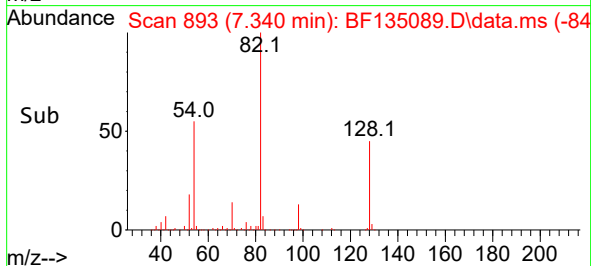
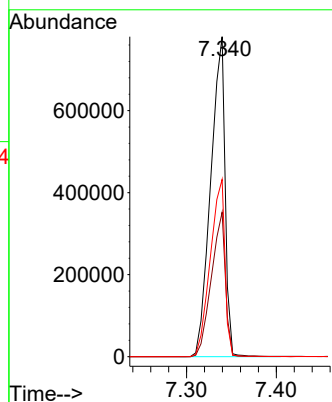
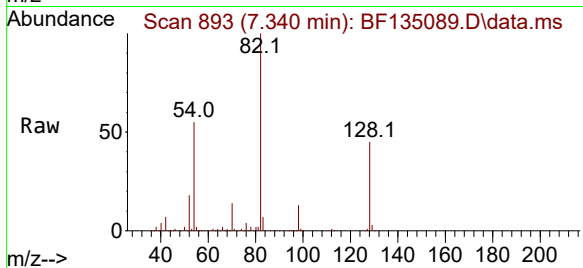
Tgt Ion: 82 Resp: 867244

Ion Ratio Lower Upper

82 100

128 45.1 37.8 56.8

54 55.4 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: BF135089.D

Acq: 05 Sep 2023 11:22

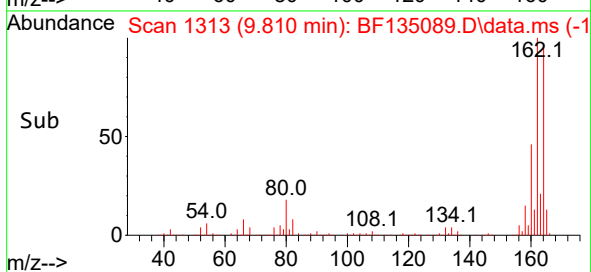
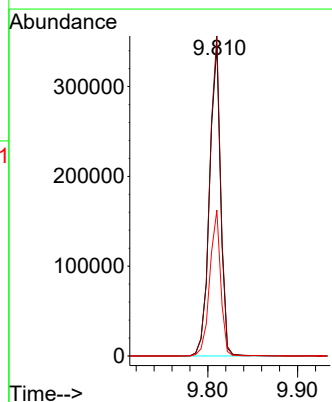
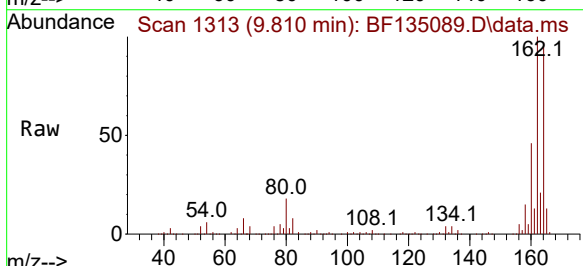
Tgt Ion:164 Resp: 296713

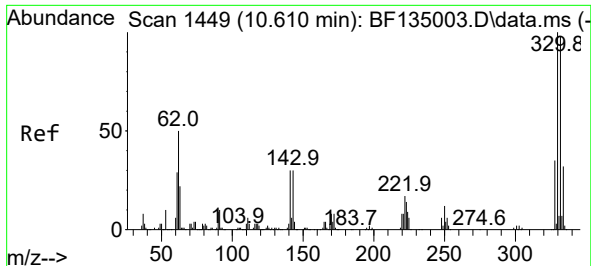
Ion Ratio Lower Upper

164 100

162 103.2 79.5 119.3

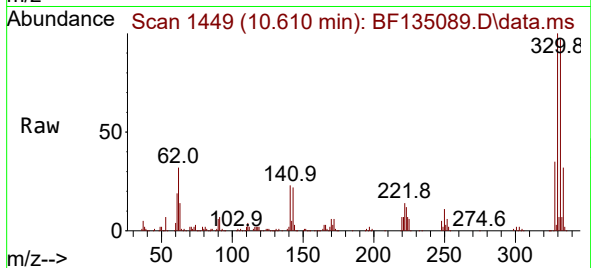
160 47.0 36.0 54.0



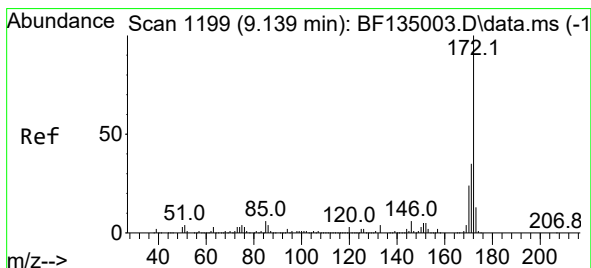
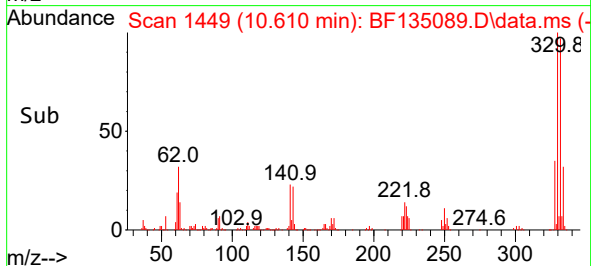
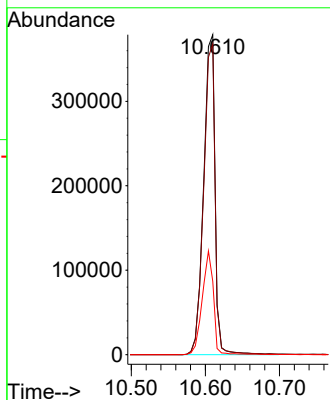


#42
2,4,6-Tribromophenol
Concen: 129.671 ng
RT: 10.610 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF135089.D
Acq: 05 Sep 2023 11:22

Instrument :
BNA_F
ClientSampleId :
PB155213BL

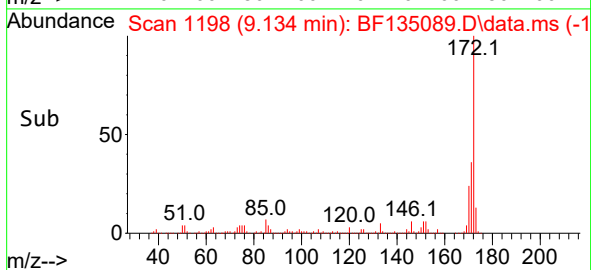
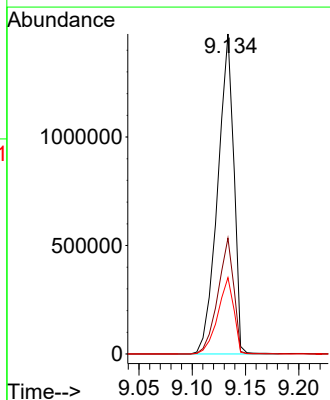
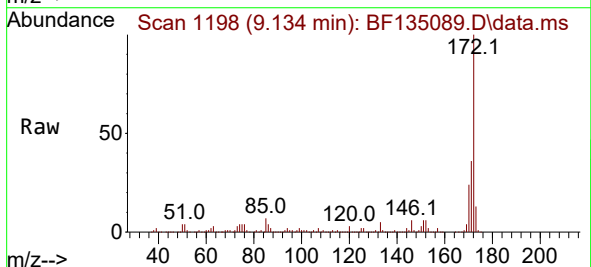


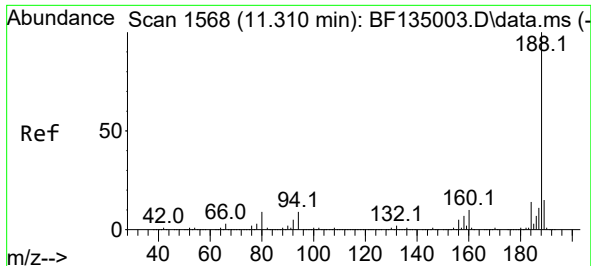
Tgt Ion:330 Resp: 408141
Ion Ratio Lower Upper
330 100
332 96.7 77.6 116.4
141 31.7 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 85.065 ng
RT: 9.134 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF135089.D
Acq: 05 Sep 2023 11:22

Tgt Ion:172 Resp: 1550256
Ion Ratio Lower Upper
172 100
171 36.2 28.2 42.2
170 23.8 19.0 28.4

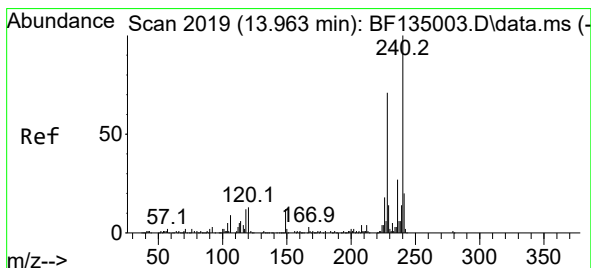
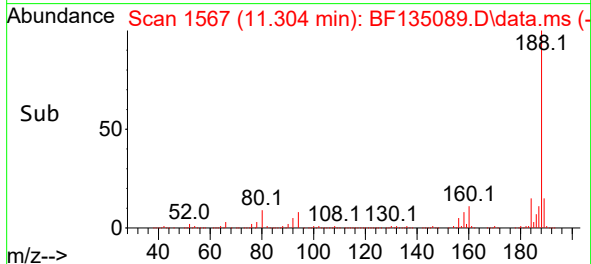
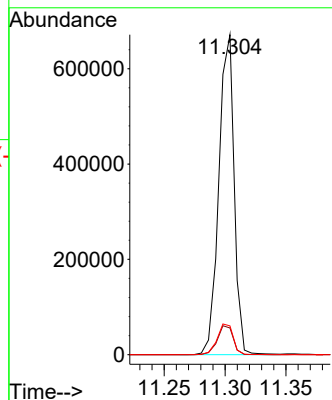
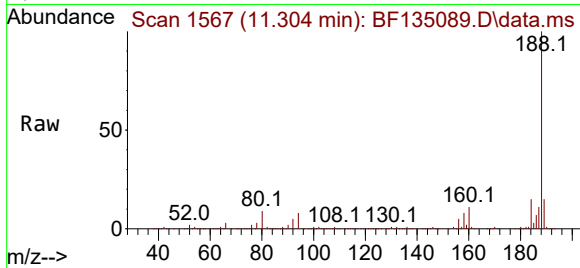




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135089.D
Acq: 05 Sep 2023 11:22

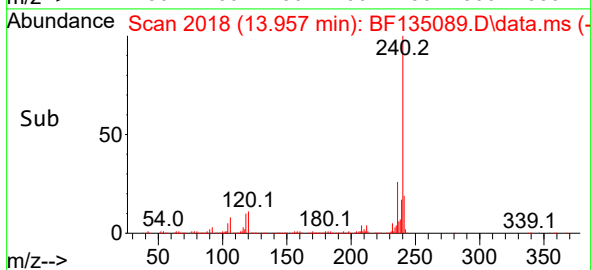
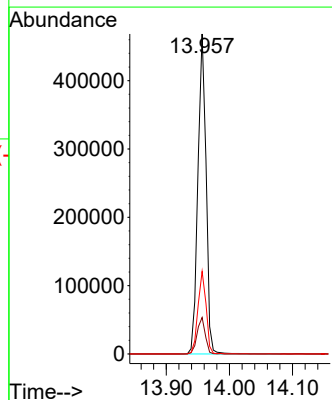
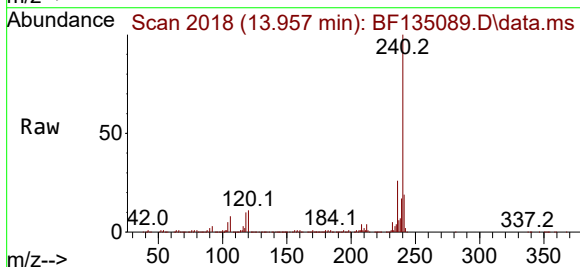
Instrument :
BNA_F
ClientSampleId :
PB155213BL

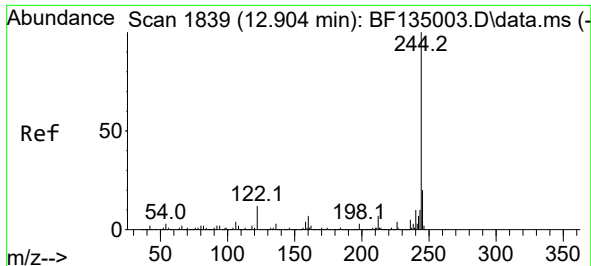
Tgt Ion:188 Resp: 589748
Ion Ratio Lower Upper
188 100
94 8.4 7.0 10.4
80 9.0 7.4 11.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF135089.D
Acq: 05 Sep 2023 11:22

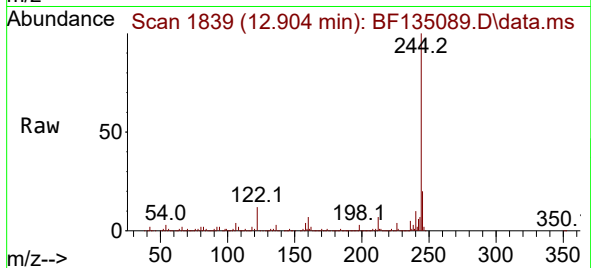
Tgt Ion:240 Resp: 419258
Ion Ratio Lower Upper
240 100
120 11.4 10.2 15.2
236 25.8 21.3 31.9



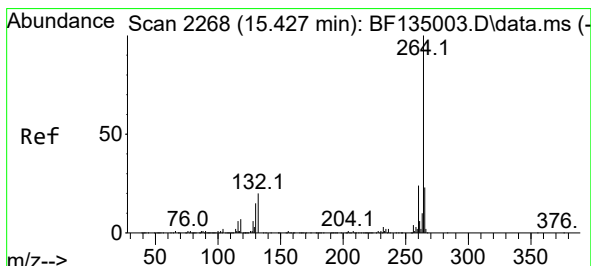
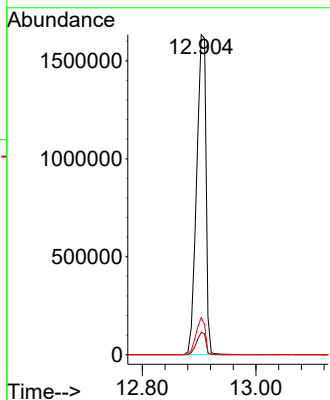
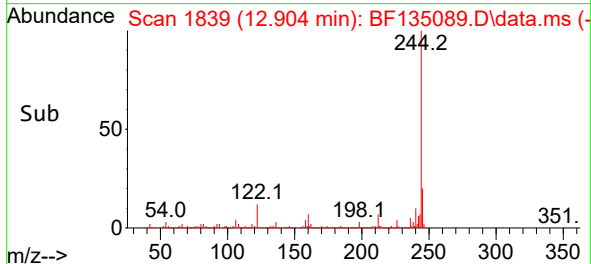


#79
 Terphenyl-d14
 Concen: 73.516 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. 0.000 min
 Lab File: BF135089.D
 Acq: 05 Sep 2023 11:22

Instrument :
 BNA_F
 ClientSampleId :
 PB155213BL



Tgt Ion:244 Resp: 1888731
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 11.6 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: BF135089.D
 Acq: 05 Sep 2023 11:22

Tgt Ion:264 Resp: 345490
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.6
 265 21.3 18.2 27.2

