

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090723\
 Data File : BF135127.D
 Acq On : 07 Sep 2023 10:48
 Operator : CG\JU
 Sample : PB155315BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155315BL

Quant Time: Sep 07 12:46:52 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	100687	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	408086	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	221757	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	453498	20.000	ng	0.00
76) Chrysene-d12	13.957	240	292919	20.000	ng	0.00
86) Perylene-d12	15.427	264	183307	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	865880	132.833	ng	0.01
7) Phenol-d6	6.416	99	1055064	129.854	ng	0.00
23) Nitrobenzene-d5	7.334	82	692771	95.373	ng	-0.01
42) 2,4,6-Tribromophenol	10.604	330	337773	143.588	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	1254913	92.134	ng	0.00
79) Terphenyl-d14	12.904	244	1600086	89.143	ng	0.00

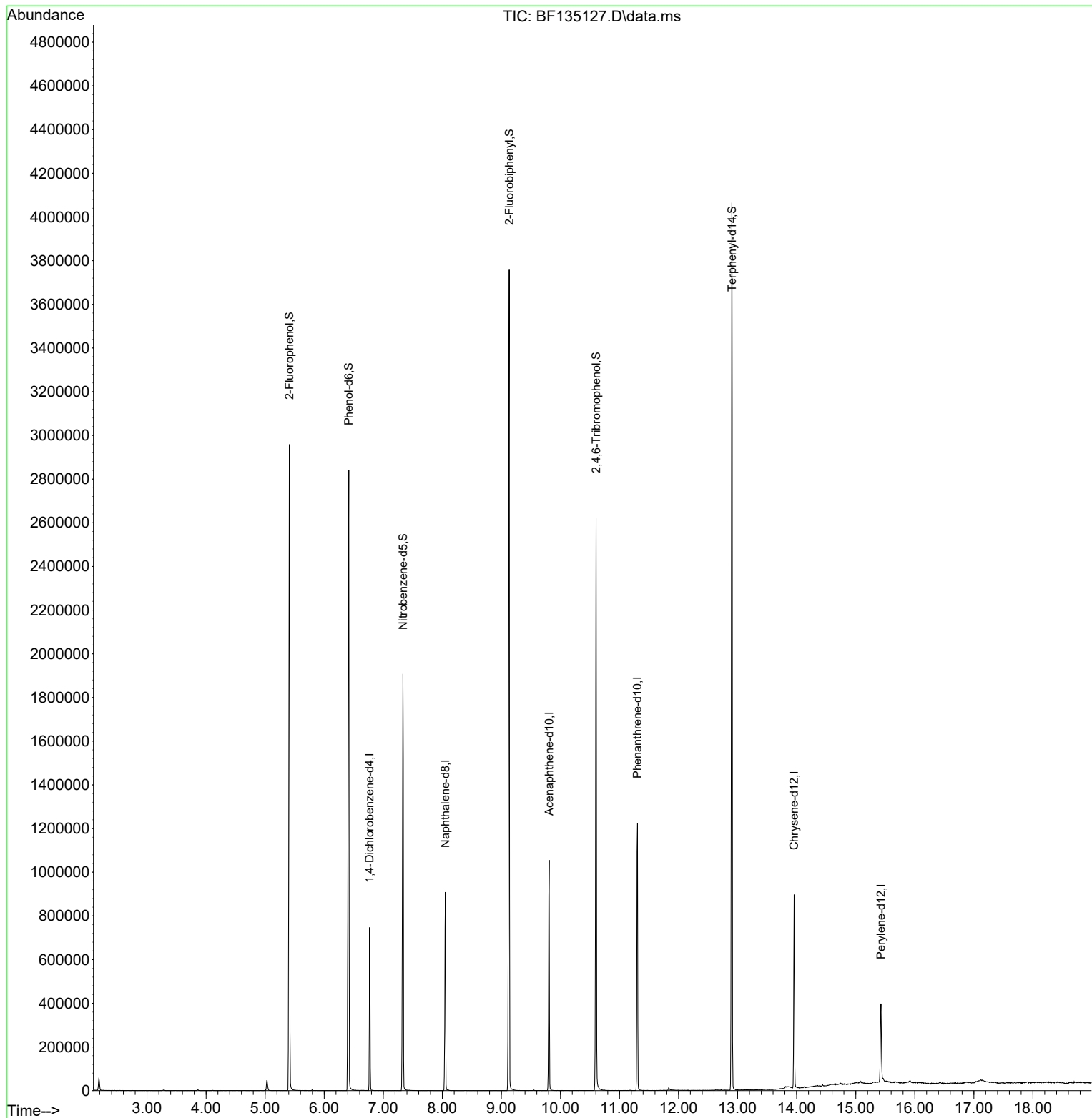
Target Compounds	Qvalue

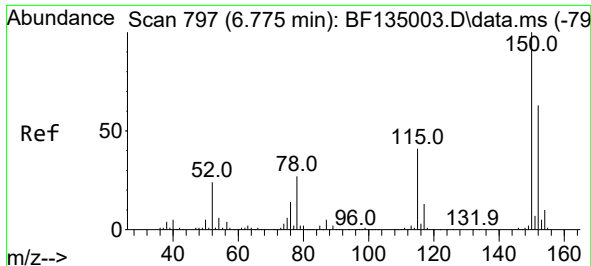
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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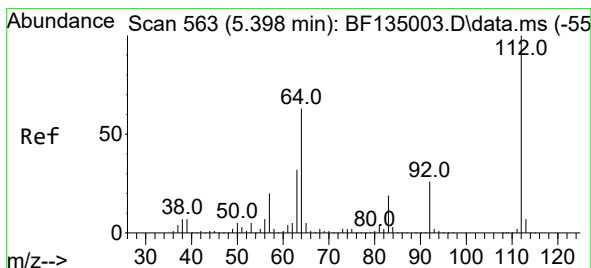
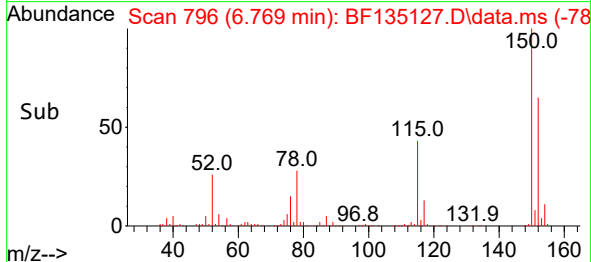
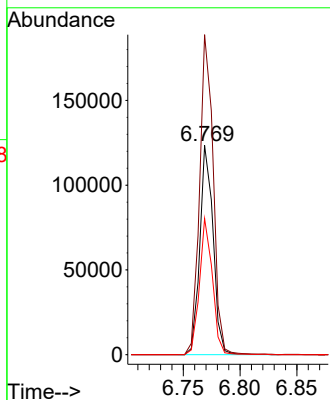
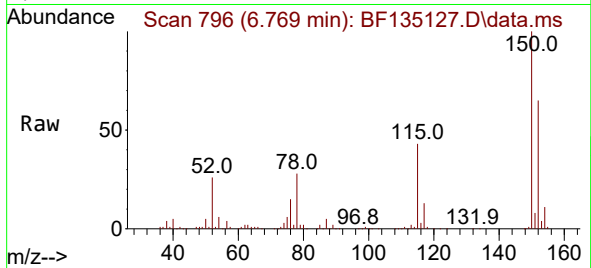




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF135127.D
Acq: 07 Sep 2023 10:48

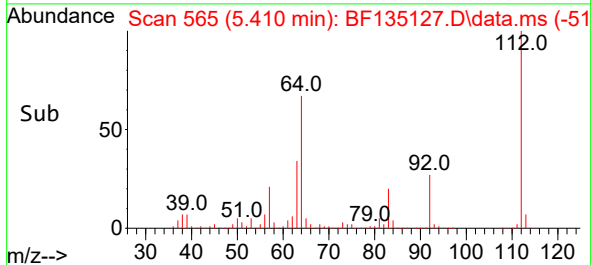
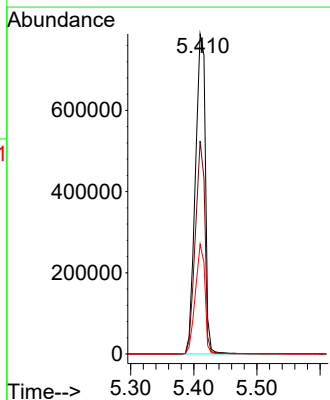
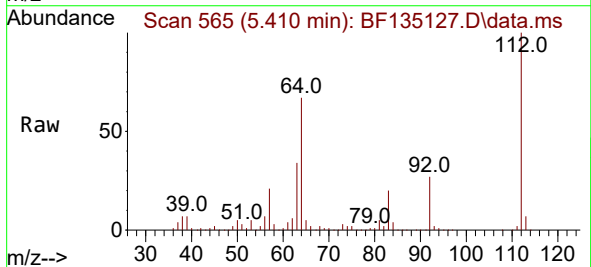
Instrument :
BNA_F
ClientSampleId :
PB155315BL

Tgt Ion:152 Resp: 100687
Ion Ratio Lower Upper
152 100
150 152.9 126.2 189.4
115 65.1 51.2 76.8



#5
2-Fluorophenol
Concen: 132.833 ng
RT: 5.410 min Scan# 565
Delta R.T. 0.012 min
Lab File: BF135127.D
Acq: 07 Sep 2023 10:48

Tgt Ion:112 Resp: 865880
Ion Ratio Lower Upper
112 100
64 66.5 50.5 75.7
63 34.3 25.9 38.9

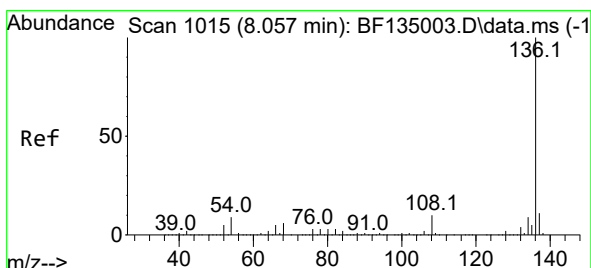
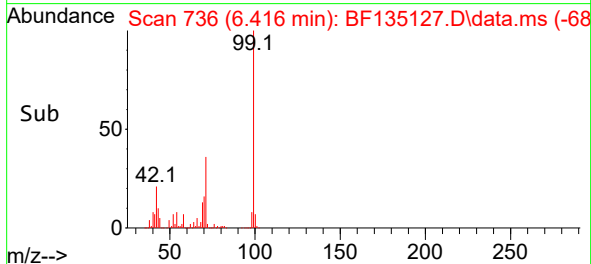
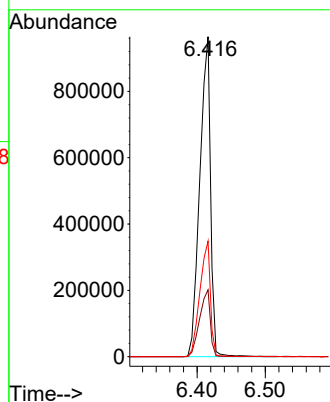
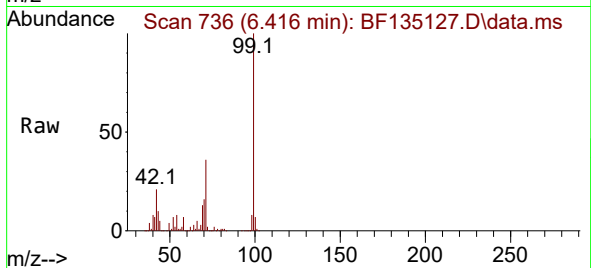




#7
Phenol-d6
Concen: 129.854 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135127.D
Acq: 07 Sep 2023 10:48

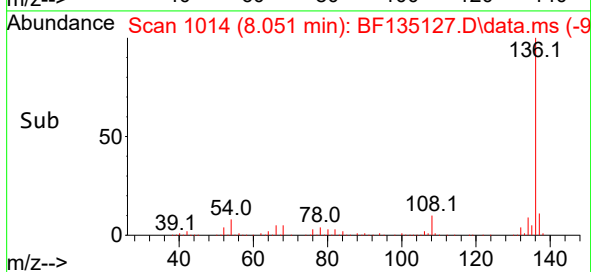
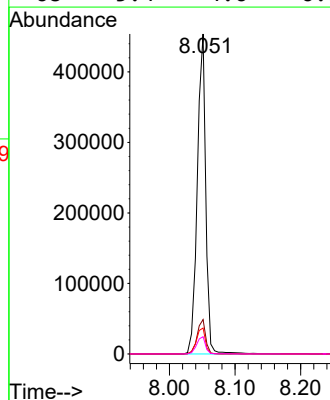
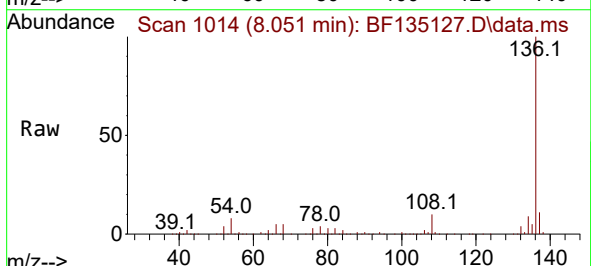
Instrument :
BNA_F
ClientSampleId :
PB155315BL

Tgt Ion: 99 Resp: 1055064
Ion Ratio Lower Upper
99 100
42 20.9 16.6 25.0
71 36.1 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: BF135127.D
Acq: 07 Sep 2023 10:48

Tgt Ion:136 Resp: 408086
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 8.1 7.0 10.4
68 5.4 4.6 6.8





#23

Nitrobenzene-d5

Concen: 95.373 ng

RT: 7.334 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF135127.D

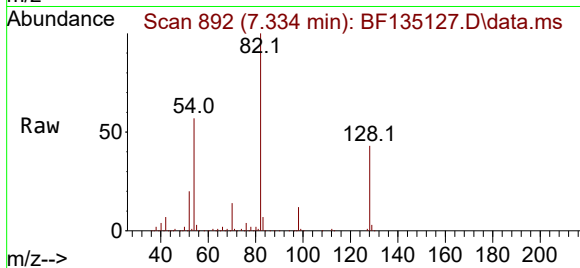
Acq: 07 Sep 2023 10:48

Instrument :

BNA_F

ClientSampleId :

PB155315BL



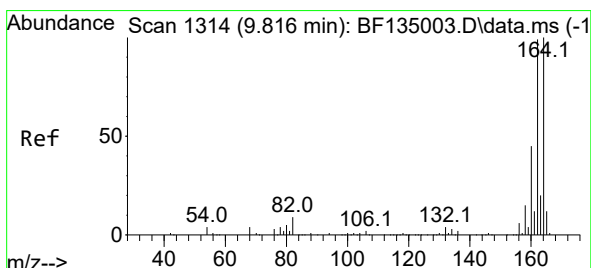
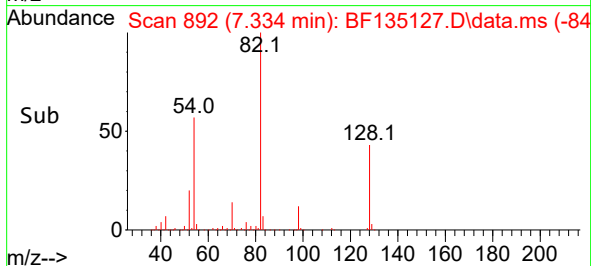
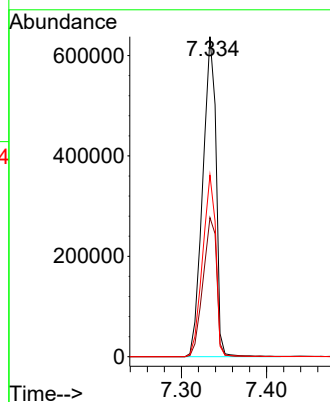
Tgt Ion: 82 Resp: 692771

Ion Ratio Lower Upper

82 100

128 43.4 37.8 56.8

54 56.8 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: BF135127.D

Acq: 07 Sep 2023 10:48

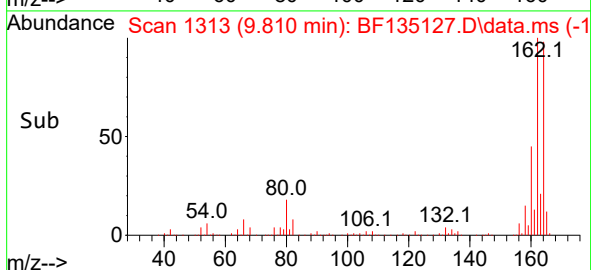
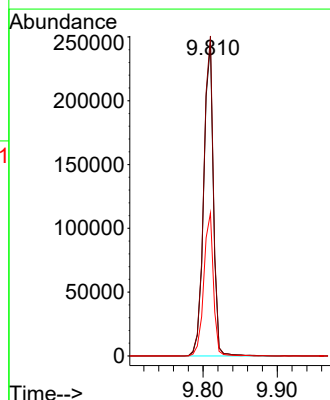
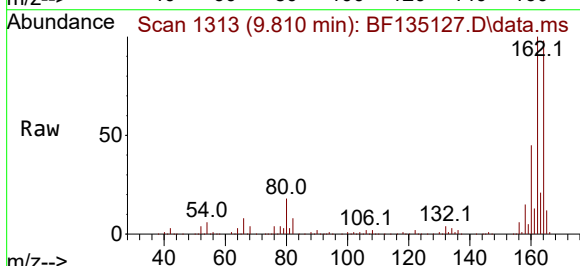
Tgt Ion: 164 Resp: 221757

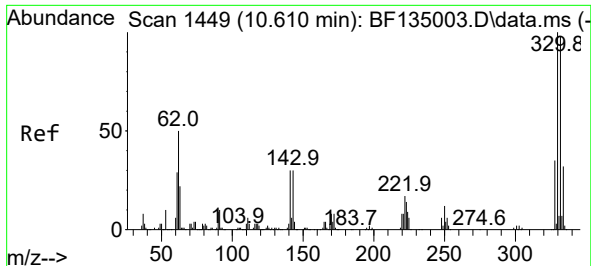
Ion Ratio Lower Upper

164 100

162 102.5 79.5 119.3

160 45.8 36.0 54.0

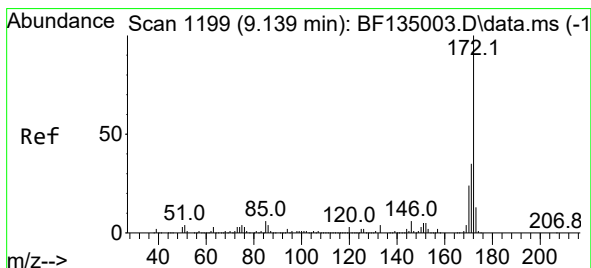
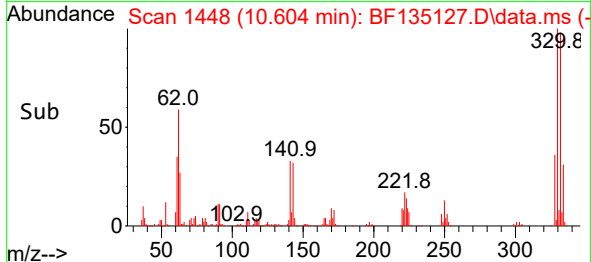
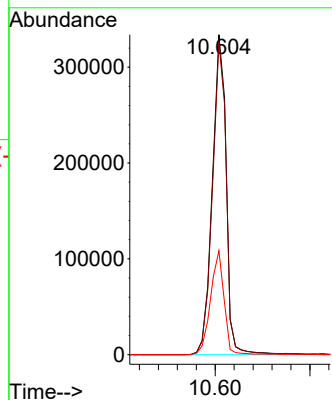
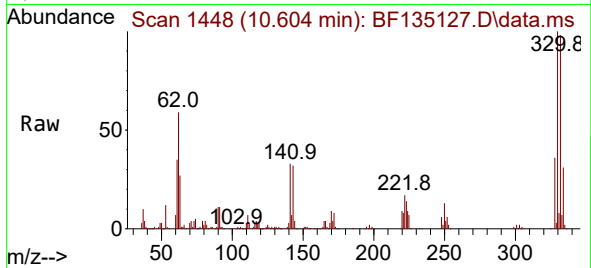




#42
2,4,6-Tribromophenol
Concen: 143.588 ng
RT: 10.604 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF135127.D
Acq: 07 Sep 2023 10:48

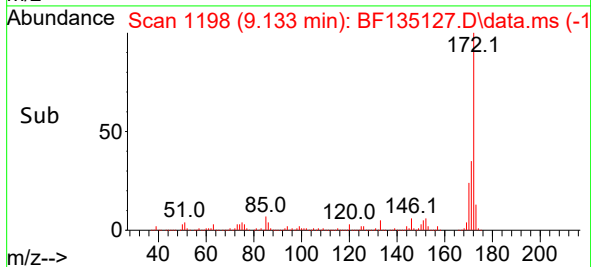
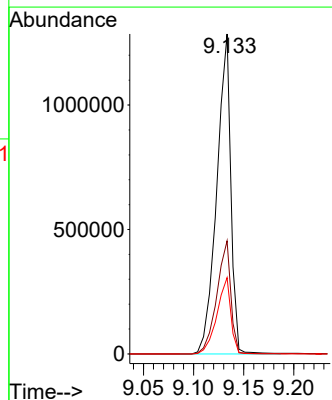
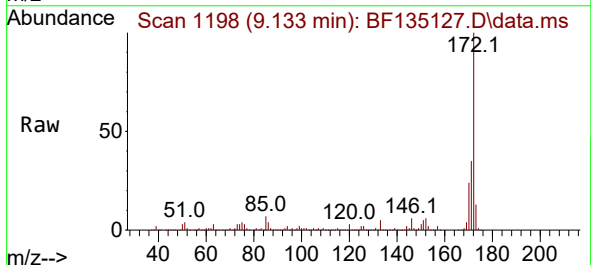
Instrument :
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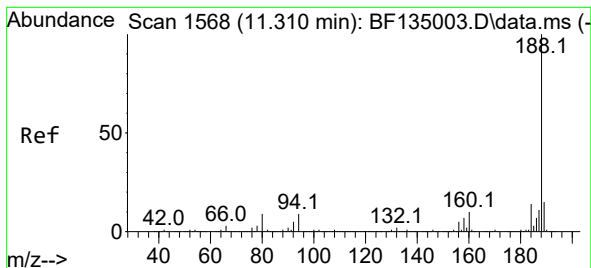
Tgt Ion:330 Resp: 337773
Ion Ratio Lower Upper
330 100
332 97.5 77.6 116.4
141 31.8 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 92.134 ng
RT: 9.133 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF135127.D
Acq: 07 Sep 2023 10:48

Tgt Ion:172 Resp: 1254913
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.2
170 23.9 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135127.D

Acq: 07 Sep 2023 10:48

Instrument :

BNA_F

ClientSampleId :

PB155315BL

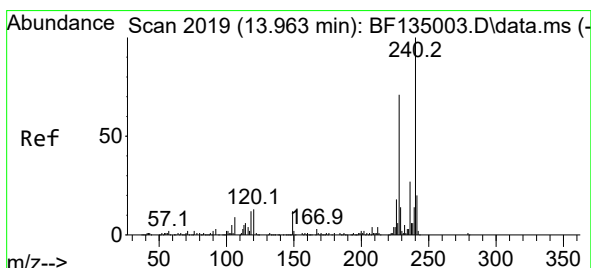
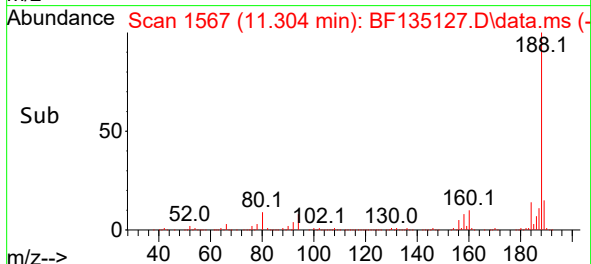
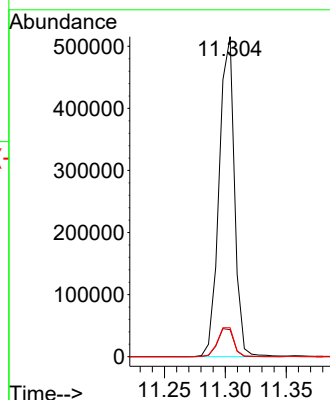
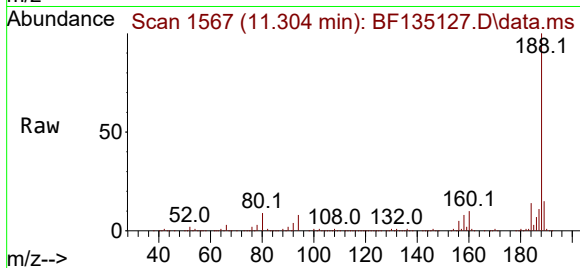
Tgt Ion:188 Resp: 453498

Ion Ratio Lower Upper

188 100

94 8.5 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: BF135127.D

Acq: 07 Sep 2023 10:48

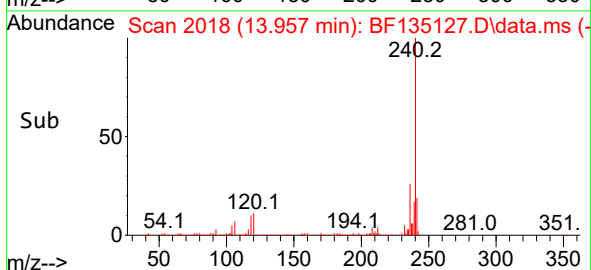
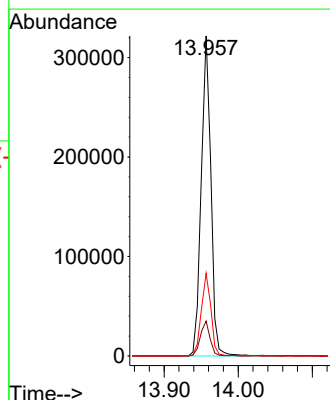
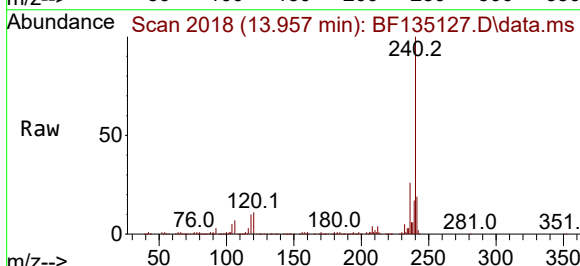
Tgt Ion:240 Resp: 292919

Ion Ratio Lower Upper

240 100

120 10.9 10.2 15.2

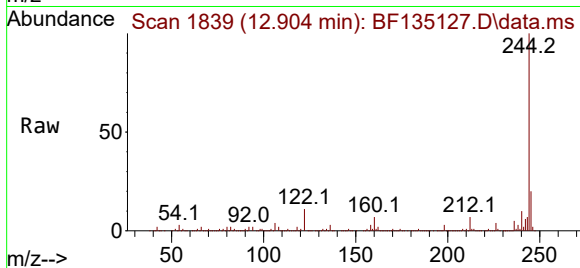
236 25.8 21.3 31.9



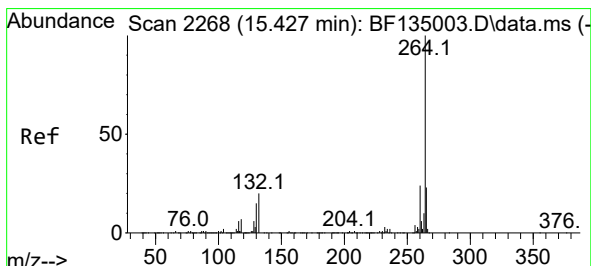
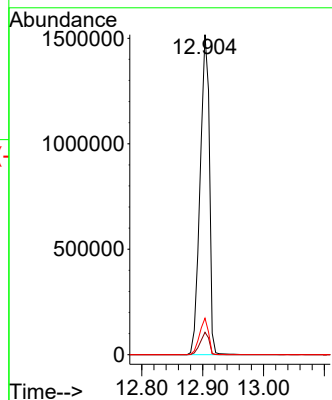
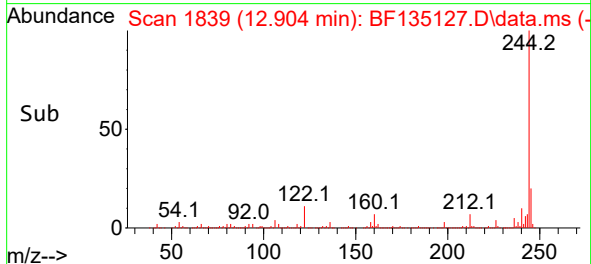


#79
 Terphenyl-d14
 Concen: 89.143 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.000 min
 Lab File: BF135127.D
 Acq: 07 Sep 2023 10:48

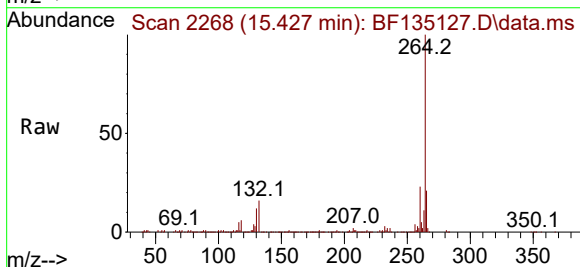
Instrument :
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 PB155315BL



Tgt Ion:244 Resp: 1600086
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 11.4 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: BF135127.D
 Acq: 07 Sep 2023 10:48



Tgt Ion:264 Resp: 183307
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.0 28.6
 265 20.6 18.2 27.2

