

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091923\
 Data File : BF135338.D
 Acq On : 19 Sep 2023 16:49
 Operator : CG\JU
 Sample : PB155498TB
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155498TB

Quant Time: Sep 20 01:36:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	100197	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	392570	20.000	ng	-0.01
39) Acenaphthene-d10	9.792	164	201453	20.000	ng	-0.01
64) Phenanthrene-d10	11.281	188	394537	20.000	ng	#-0.01
76) Chrysene-d12	13.939	240	193866	20.000	ng	0.00
86) Perylene-d12	15.410	264	195955	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	1161697	188.572	ng	0.01
7) Phenol-d6	6.404	99	1501154	191.635	ng	0.00
23) Nitrobenzene-d5	7.322	82	951550	131.689	ng	-0.01
42) 2,4,6-Tribromophenol	10.592	330	370947	185.292	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1624865	121.689	ng	-0.01
79) Terphenyl-d14	12.886	244	1709012	136.656	ng	0.00

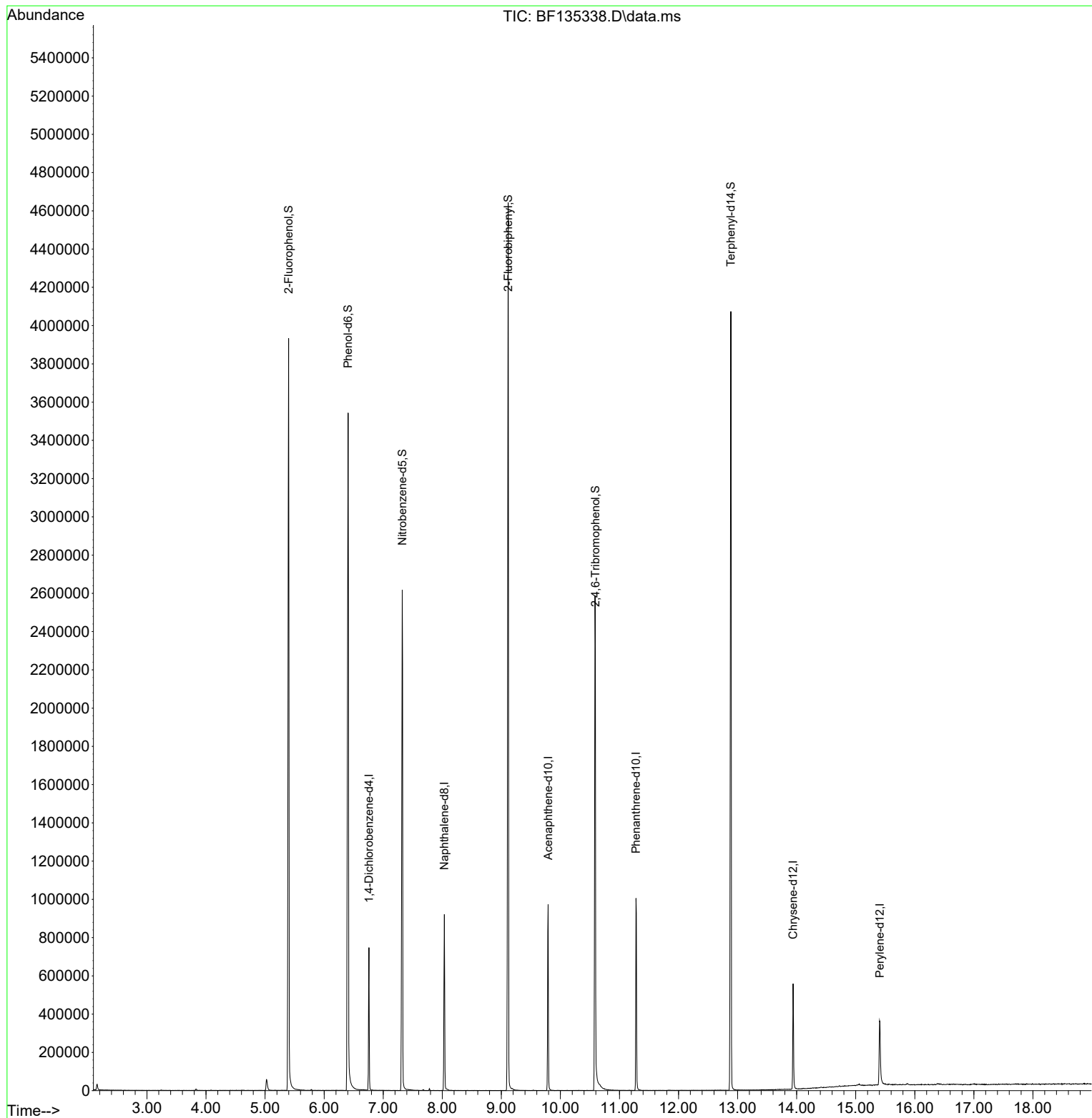
Target Compounds	Qvalue

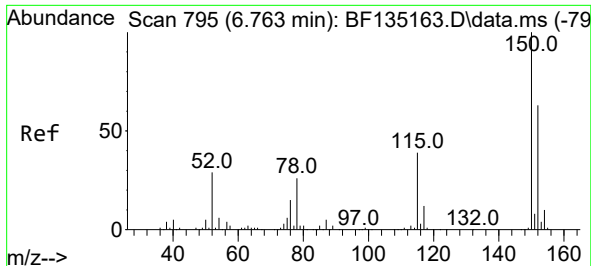
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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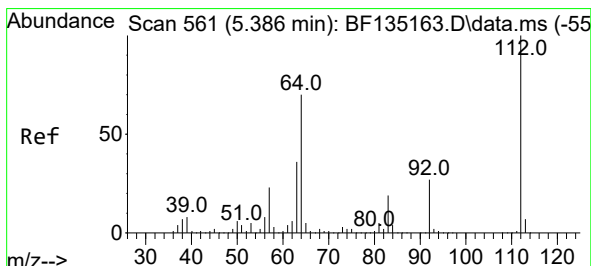
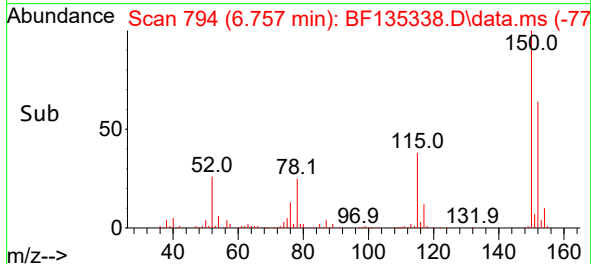
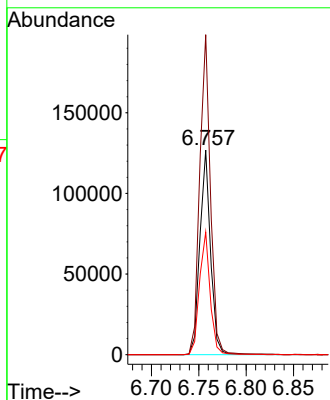
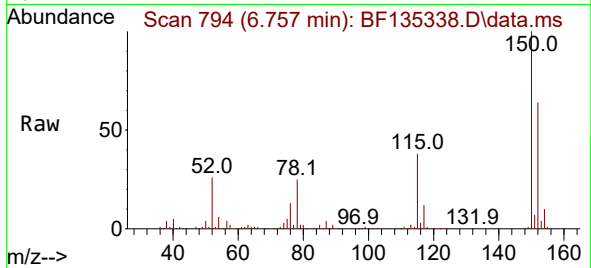




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.757 min Scan# 795
 Delta R.T. -0.006 min
 Lab File: BF135338.D
 Acq: 19 Sep 2023 16:49

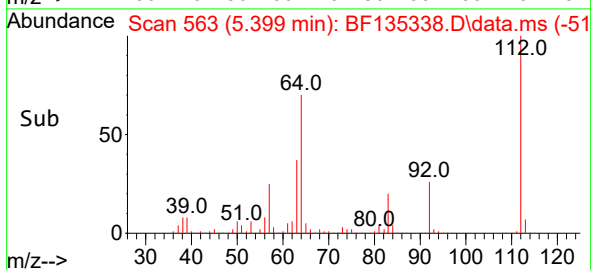
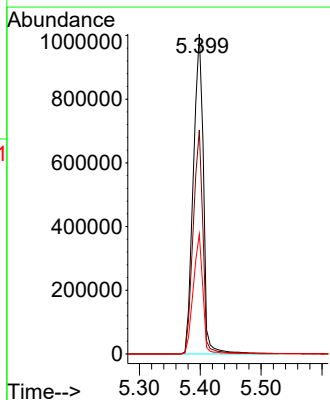
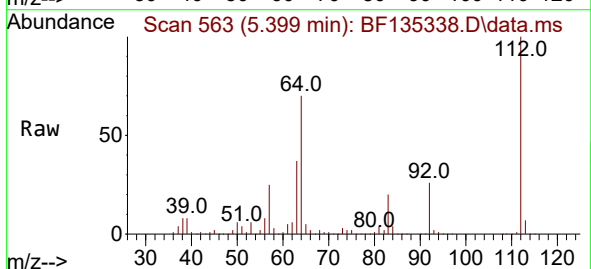
Instrument :
 BNA_F
 ClientSampleId :
 PB155498TB

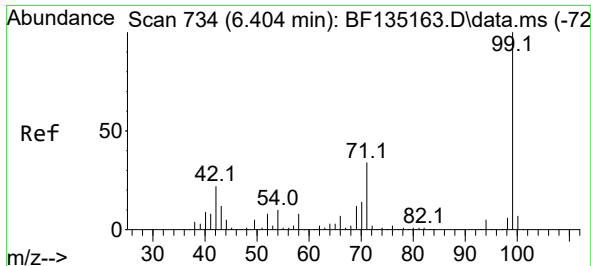
Tgt Ion:152 Resp: 100197
 Ion Ratio Lower Upper
 152 100
 150 156.4 127.8 191.6
 115 59.9 49.8 74.8



#5
 2-Fluorophenol
 Concen: 188.572 ng
 RT: 5.399 min Scan# 563
 Delta R.T. 0.012 min
 Lab File: BF135338.D
 Acq: 19 Sep 2023 16:49

Tgt Ion:112 Resp: 1161697
 Ion Ratio Lower Upper
 112 100
 64 70.0 55.9 83.9
 63 37.4 29.0 43.6

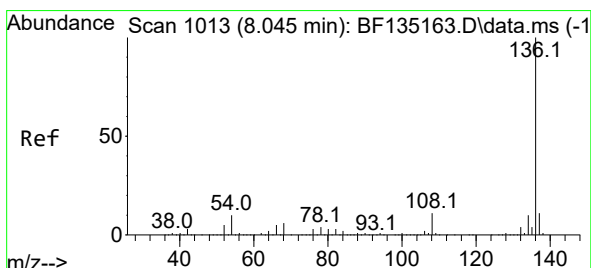
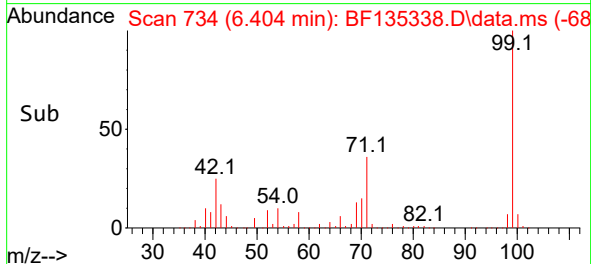
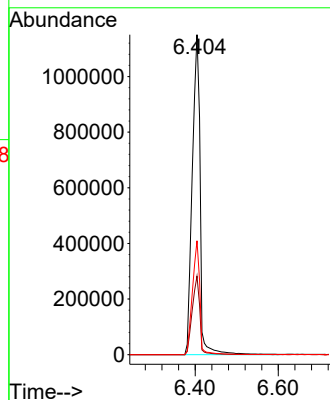
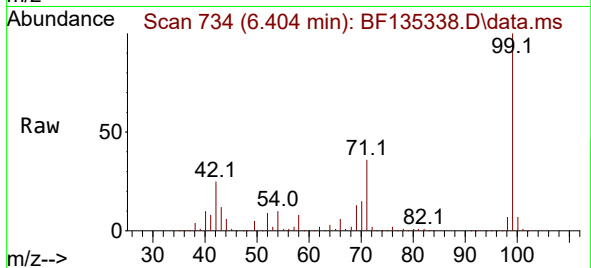




#7
Phenol-d6
Concen: 191.635 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135338.D
Acq: 19 Sep 2023 16:49

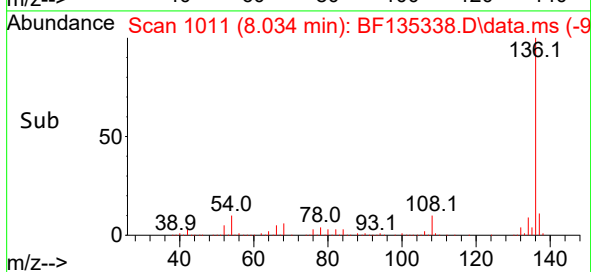
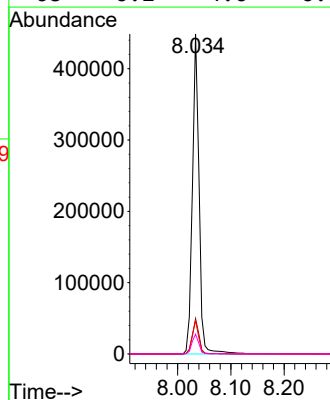
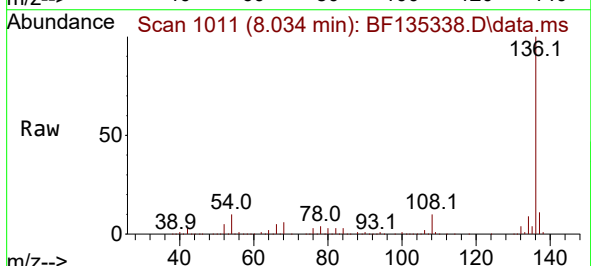
Instrument :
BNA_F
ClientSampleId :
PB155498TB

Tgt Ion: 99 Resp: 1501154
Ion Ratio Lower Upper
99 100
42 24.6 17.9 26.9
71 35.6 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1011
Delta R.T. -0.011 min
Lab File: BF135338.D
Acq: 19 Sep 2023 16:49

Tgt Ion: 136 Resp: 392570
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 10.4 7.7 11.5
68 6.2 4.6 6.8





#23

Nitrobenzene-d5

Concen: 131.689 ng

RT: 7.322 min Scan# 89

Delta R.T. -0.011 min

Lab File: BF135338.D

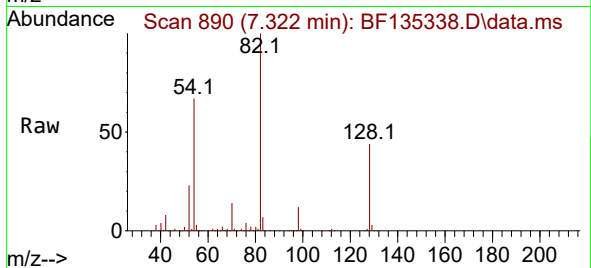
Acq: 19 Sep 2023 16:49

Instrument :

BNA_F

ClientSampleId :

PB155498TB



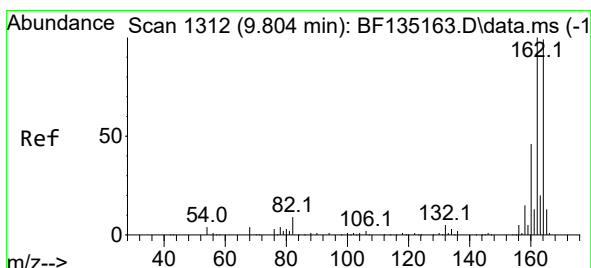
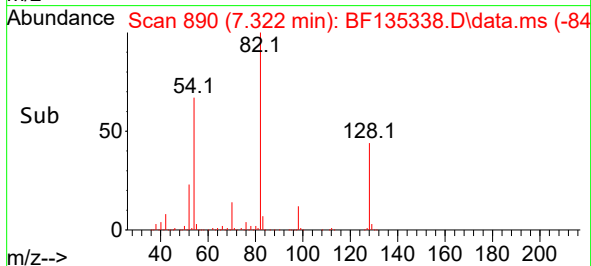
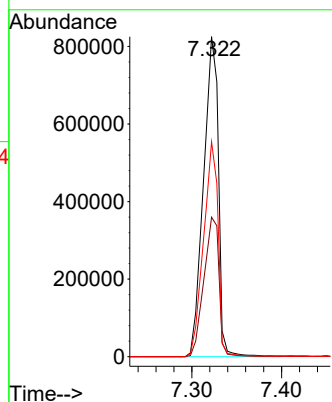
Tgt Ion: 82 Resp: 951550

Ion Ratio Lower Upper

82 100

128 43.6 35.8 53.6

54 67.2 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.792 min Scan# 1310

Delta R.T. -0.011 min

Lab File: BF135338.D

Acq: 19 Sep 2023 16:49

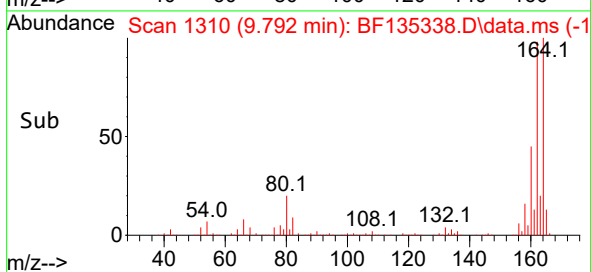
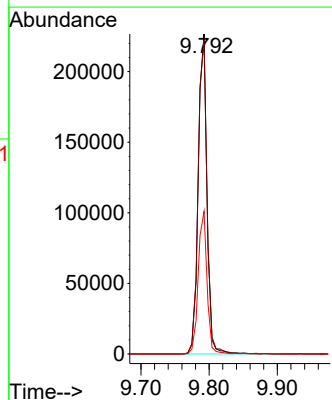
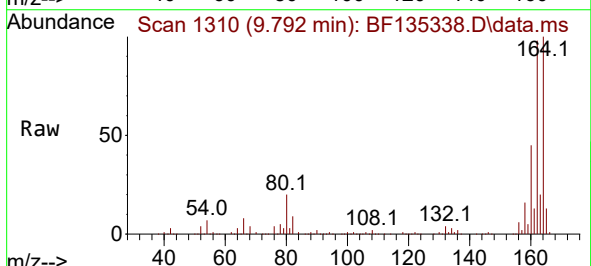
Tgt Ion: 164 Resp: 201453

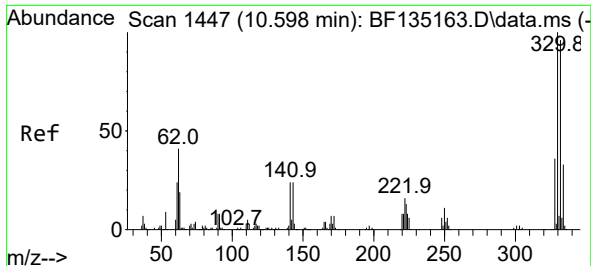
Ion Ratio Lower Upper

164 100

162 97.9 81.0 121.4

160 44.5 37.0 55.4

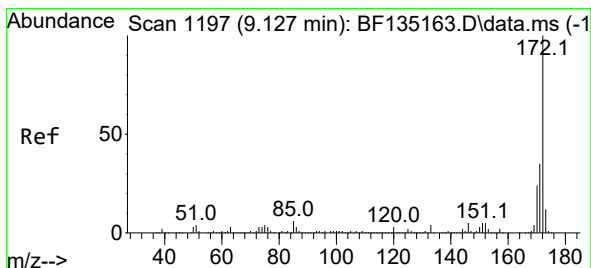
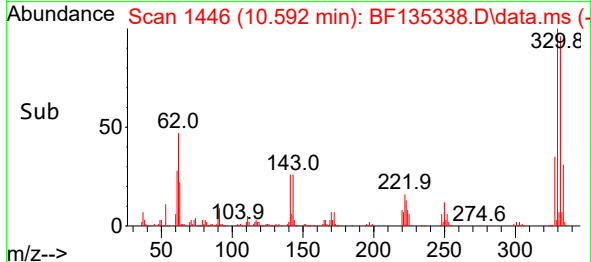
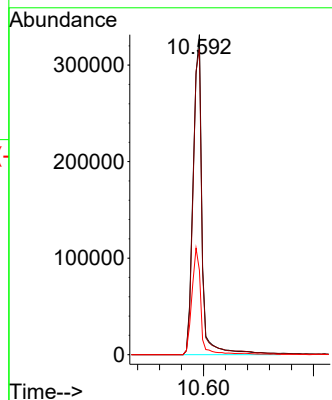
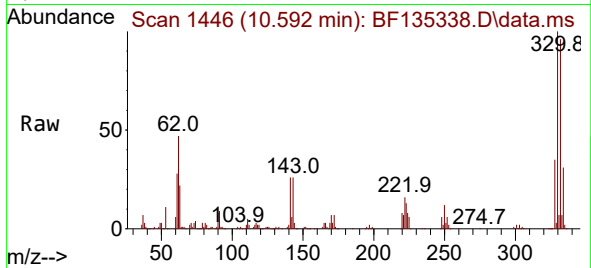




#42
2,4,6-Tribromophenol
Concen: 185.292 ng
RT: 10.592 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF135338.D
Acq: 19 Sep 2023 16:49

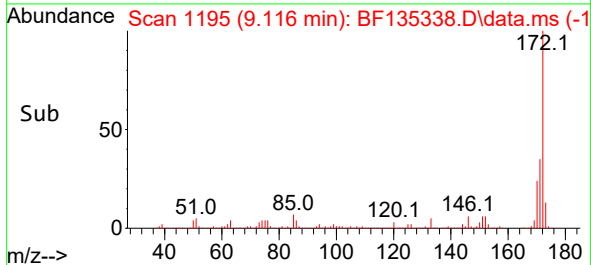
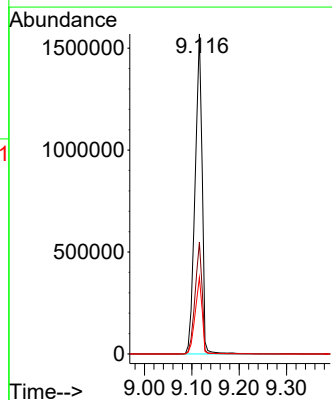
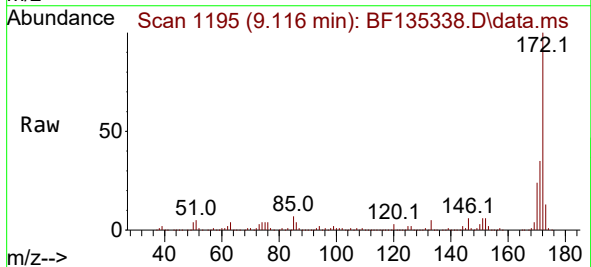
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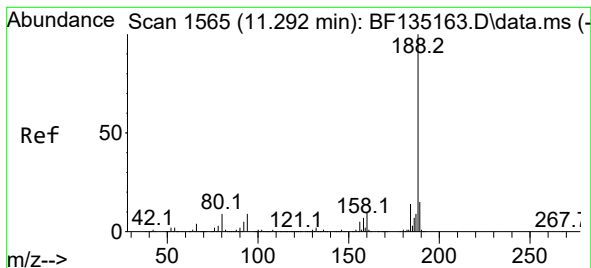
Tgt Ion:330 Resp: 370947
Ion Ratio Lower Upper
330 100
332 97.8 77.3 115.9
141 33.2 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 121.689 ng
RT: 9.116 min Scan# 1195
Delta R.T. -0.011 min
Lab File: BF135338.D
Acq: 19 Sep 2023 16:49

Tgt Ion:172 Resp: 1624865
Ion Ratio Lower Upper
172 100
171 34.9 28.4 42.6
170 23.9 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.281 min Scan# 1

Delta R.T. -0.011 min

Lab File: BF135338.D

Acq: 19 Sep 2023 16:49

Instrument :

BNA_F

ClientSampleId :

PB155498TB

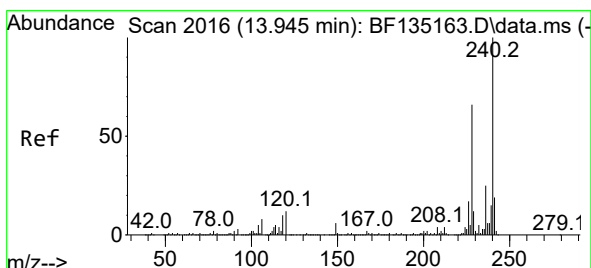
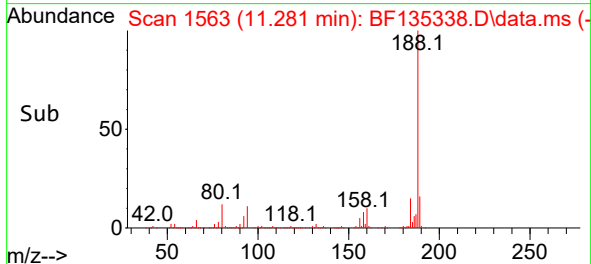
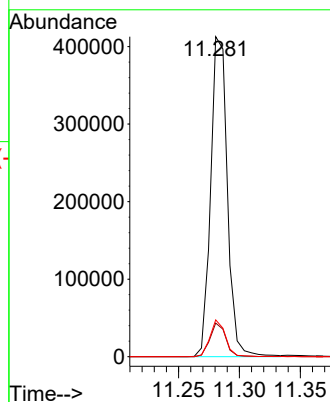
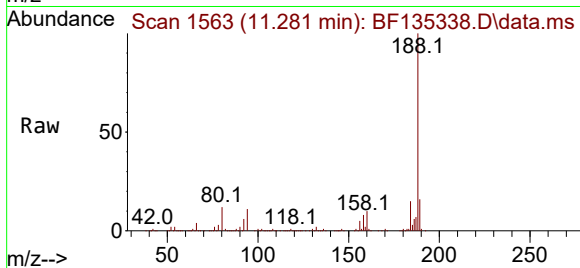
Tgt Ion:188 Resp: 394537

Ion Ratio Lower Upper

188 100

94 10.5 7.0 10.6

80 11.5 7.5 11.3#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF135338.D

Acq: 19 Sep 2023 16:49

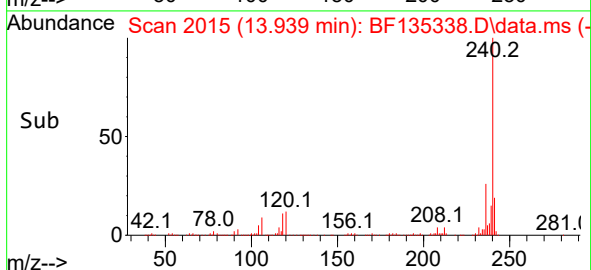
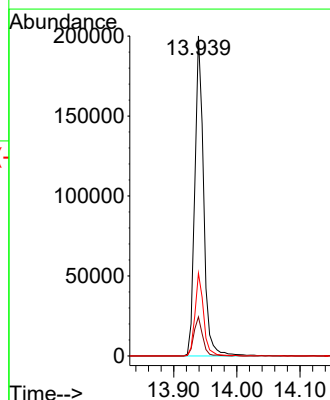
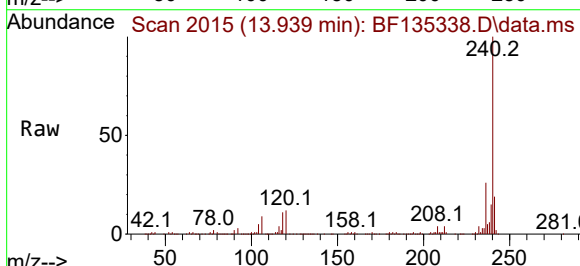
Tgt Ion:240 Resp: 193866

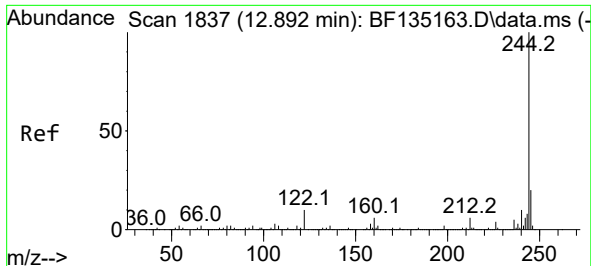
Ion Ratio Lower Upper

240 100

120 12.2 9.4 14.2

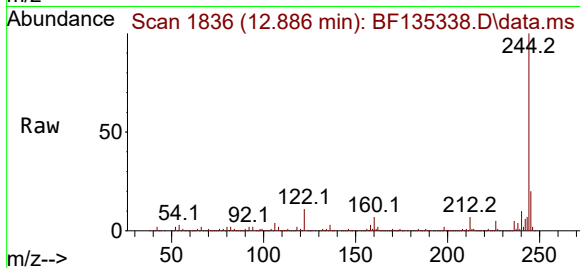
236 25.9 19.8 29.8



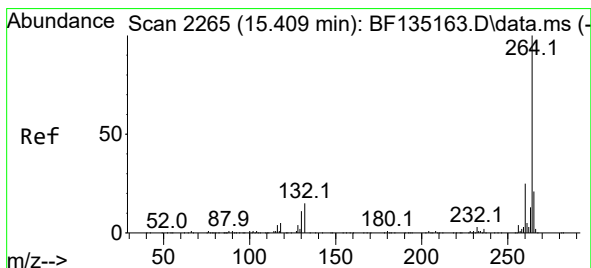
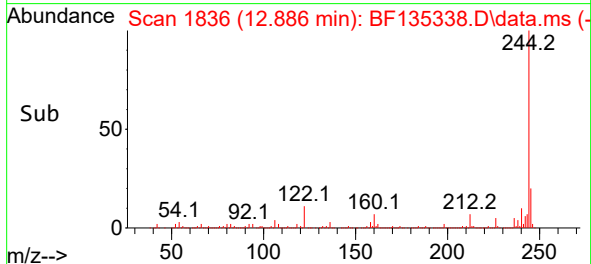
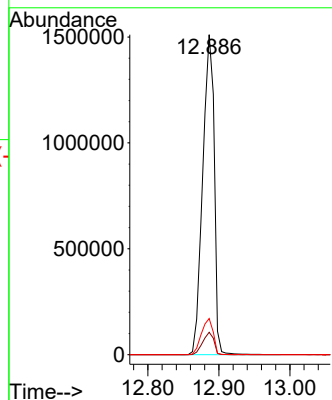


#79
 Terphenyl-d14
 Concen: 136.656 ng
 RT: 12.886 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF135338.D
 Acq: 19 Sep 2023 16:49

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 1709012
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.1 7.7
 122 11.3 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 2265
 Delta R.T. 0.000 min
 Lab File: BF135338.D
 Acq: 19 Sep 2023 16:49

Tgt Ion:264 Resp: 195955
 Ion Ratio Lower Upper
 264 100
 260 21.8 19.8 29.6
 265 20.8 17.0 25.4

