

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091823\
 Data File : BF135308.D
 Acq On : 18 Sep 2023 15:59
 Operator : CG\JU
 Sample : PB155592BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155592BL

Quant Time: Sep 18 16:27:18 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	160056	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	613651	20.000	ng	-0.01
39) Acenaphthene-d10	9.792	164	302558	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	523974	20.000	ng	0.00
76) Chrysene-d12	13.939	240	254323	20.000	ng	0.00
86) Perylene-d12	15.410	264	277551	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	1129924	114.820	ng	0.01
7) Phenol-d6	6.404	99	1424516	113.841	ng	0.00
23) Nitrobenzene-d5	7.322	82	907673	80.361	ng	-0.01
42) 2,4,6-Tribromophenol	10.592	330	306732	102.016	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1544770	77.031	ng	-0.01
79) Terphenyl-d14	12.886	244	1347437	82.131	ng	0.00

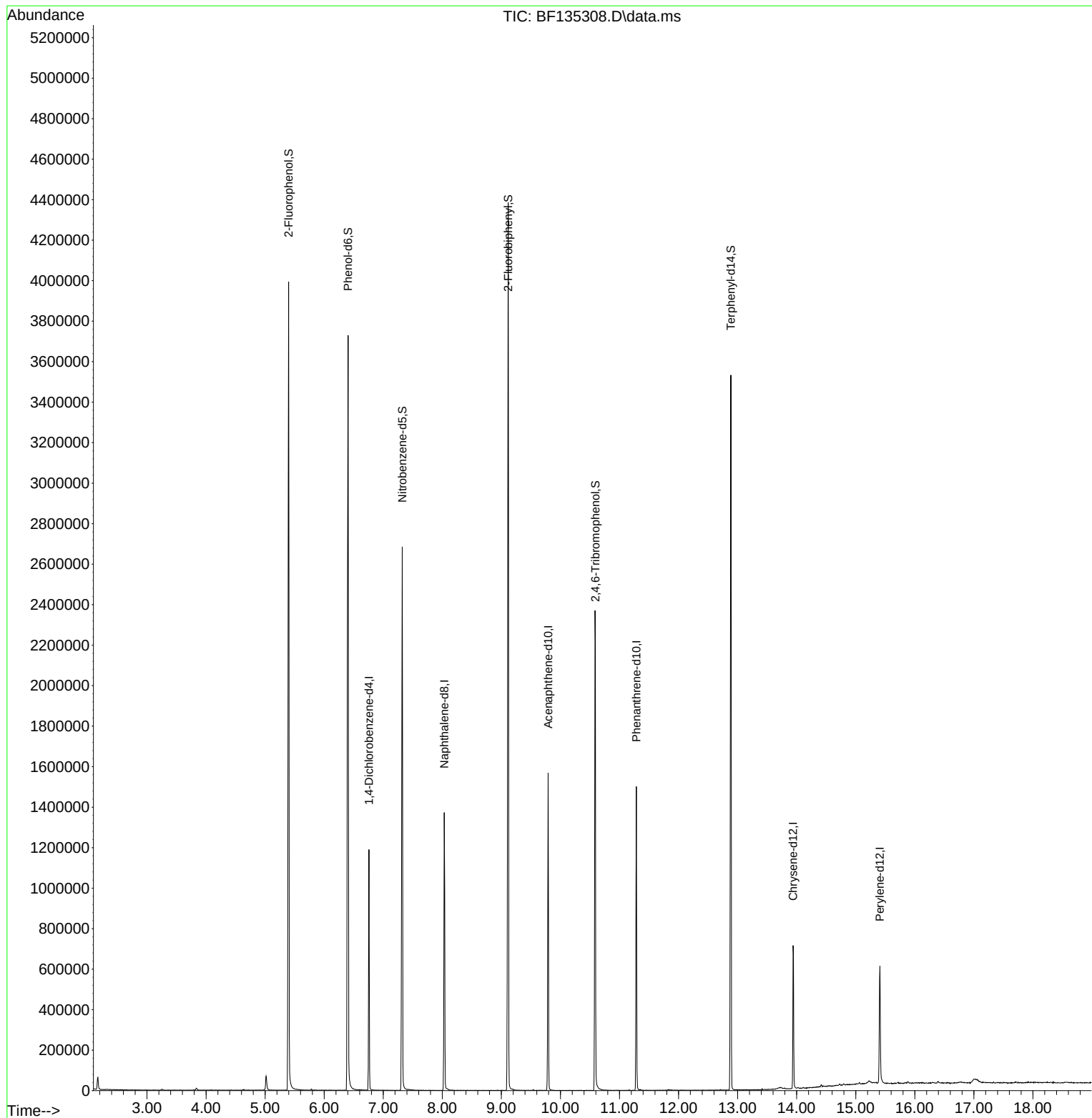
Target Compounds	Qvalue

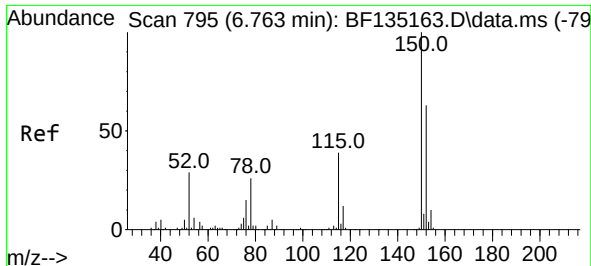
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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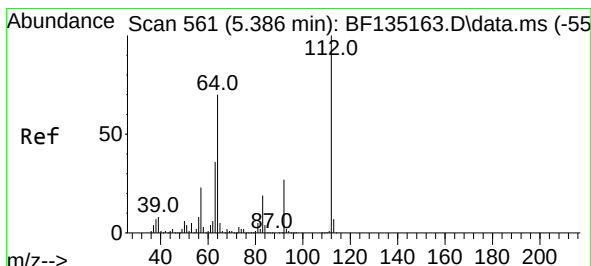
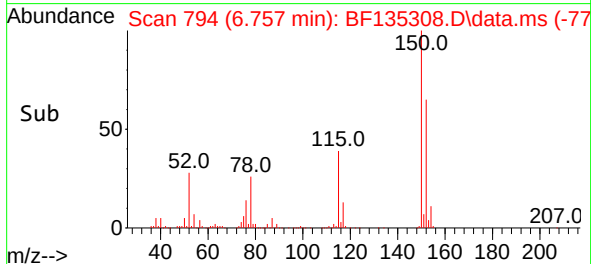
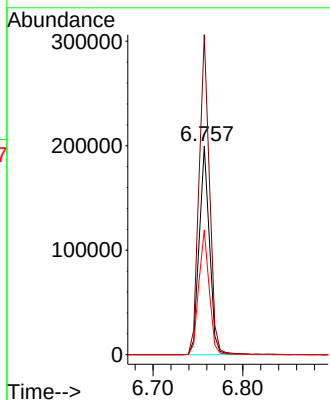
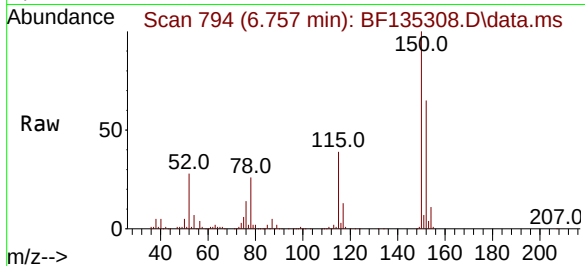




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.757 min Scan# 795
 Delta R.T. -0.006 min
 Lab File: BF135308.D
 Acq: 18 Sep 2023 15:59

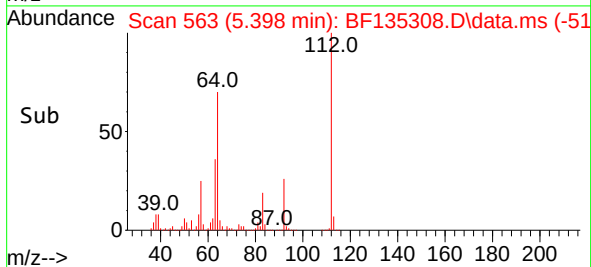
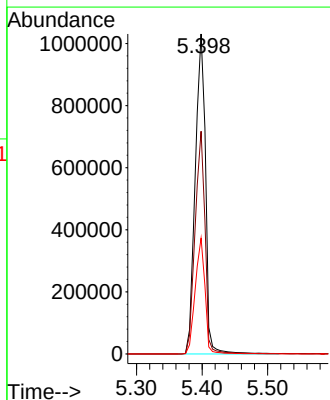
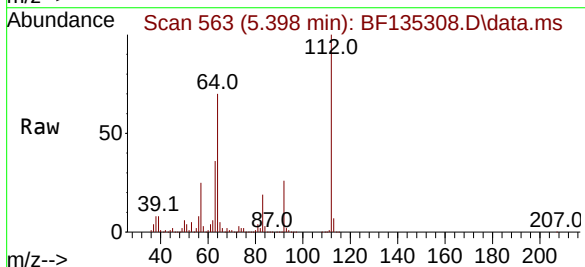
Instrument :
 BNA_F
 ClientSampleId :
 PB155592BL

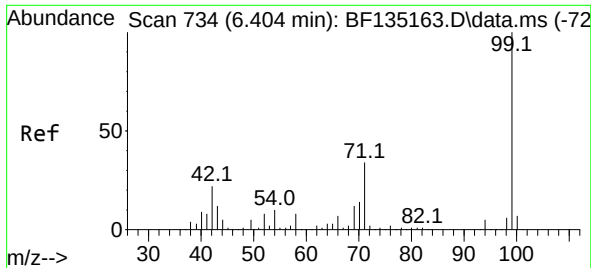
Tgt Ion:152 Resp: 160056
 Ion Ratio Lower Upper
 152 100
 150 153.6 127.8 191.6
 115 59.9 49.8 74.8



#5
 2-Fluorophenol
 Concen: 114.820 ng
 RT: 5.398 min Scan# 563
 Delta R.T. 0.012 min
 Lab File: BF135308.D
 Acq: 18 Sep 2023 15:59

Tgt Ion:112 Resp: 1129924
 Ion Ratio Lower Upper
 112 100
 64 69.6 55.9 83.9
 63 36.2 29.0 43.6





#7

Phenol-d6

Concen: 113.841 ng

RT: 6.404 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF135308.D

Acq: 18 Sep 2023 15:59

Instrument :

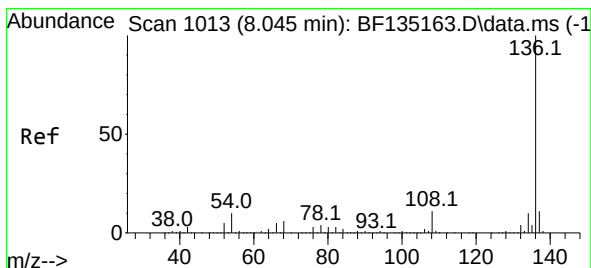
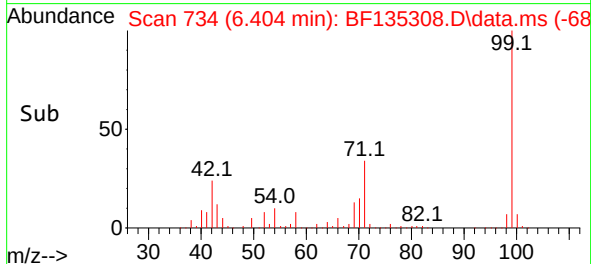
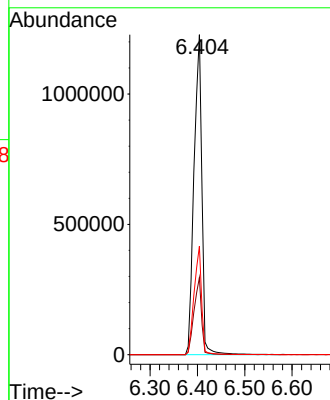
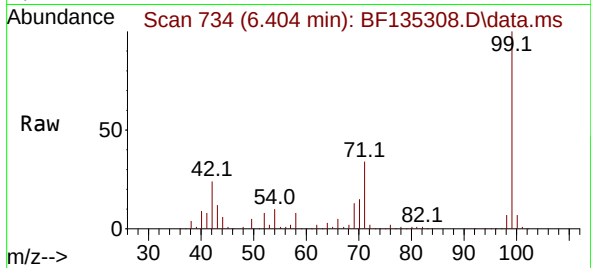
BNA_F

ClientSampleId :

PB155592BL

Tgt Ion: 99 Resp: 1424516

Ion	Ratio	Lower	Upper
99	100		
42	24.1	17.9	26.9
71	33.9	27.0	40.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.034 min Scan# 1011

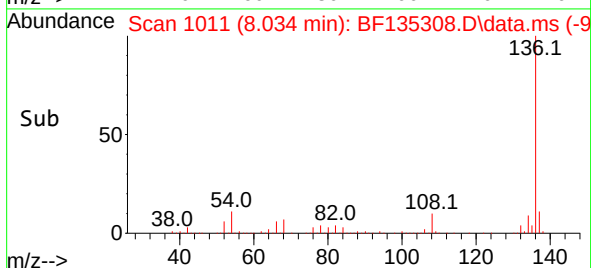
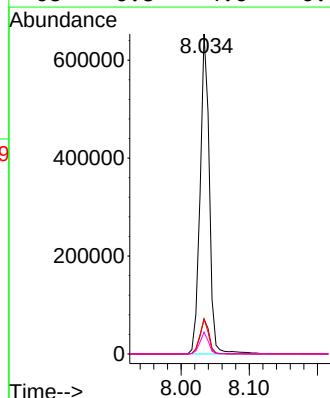
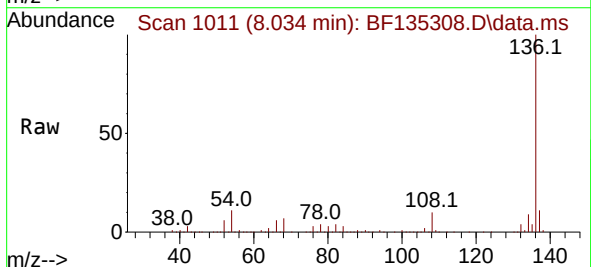
Delta R.T. -0.012 min

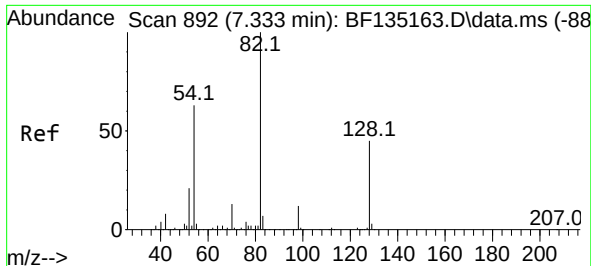
Lab File: BF135308.D

Acq: 18 Sep 2023 15:59

Tgt Ion: 136 Resp: 613651

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	10.9	7.7	11.5
68	6.8	4.6	6.8





#23

Nitrobenzene-d5

Concen: 80.361 ng

RT: 7.322 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF135308.D

Acq: 18 Sep 2023 15:59

Instrument :

BNA_F

ClientSampleId :

PB155592BL

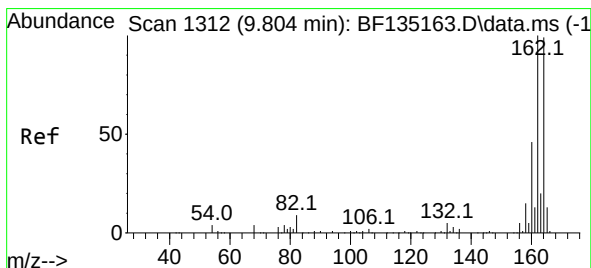
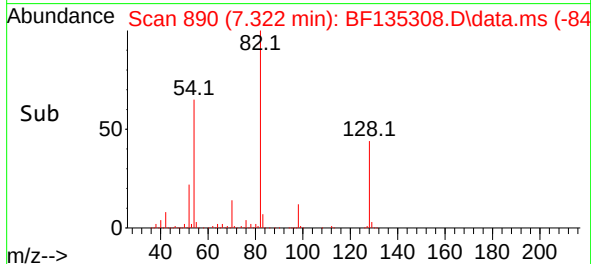
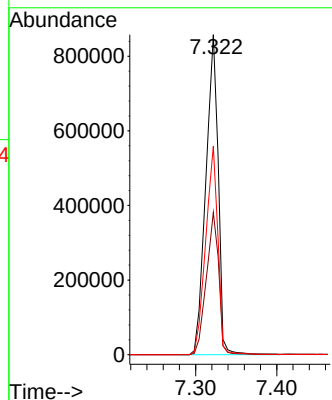
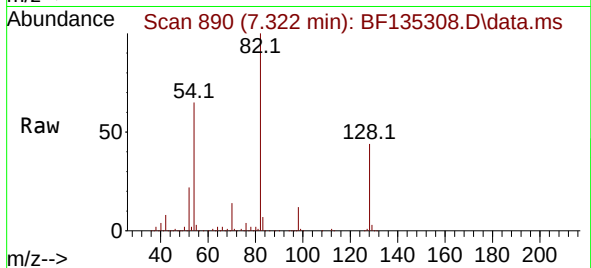
Tgt Ion: 82 Resp: 907673

Ion Ratio Lower Upper

82 100

128 44.5 35.8 53.6

54 65.2 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.792 min Scan# 1310

Delta R.T. -0.012 min

Lab File: BF135308.D

Acq: 18 Sep 2023 15:59

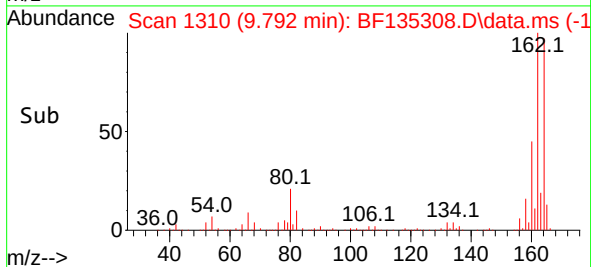
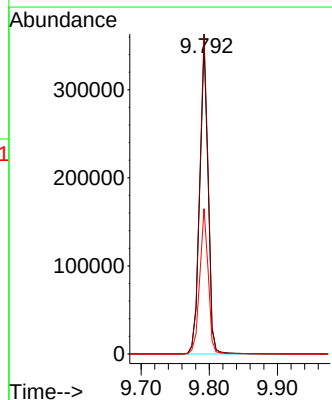
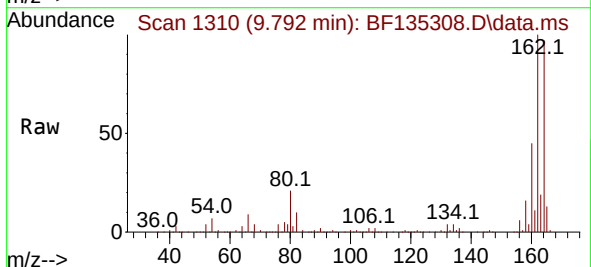
Tgt Ion:164 Resp: 302558

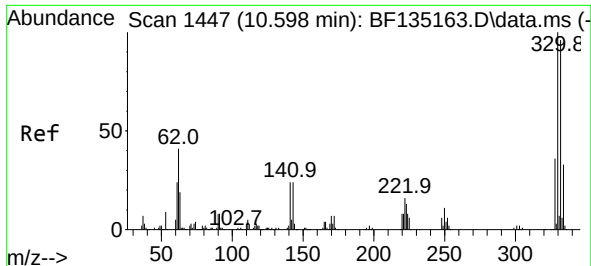
Ion Ratio Lower Upper

164 100

162 103.3 81.0 121.4

160 46.9 37.0 55.4

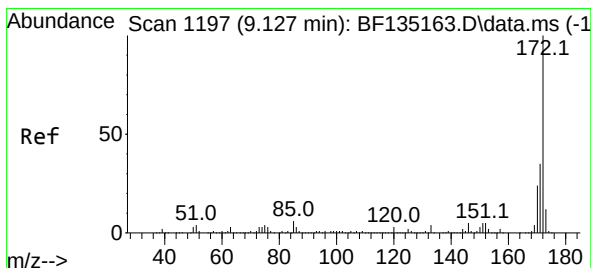
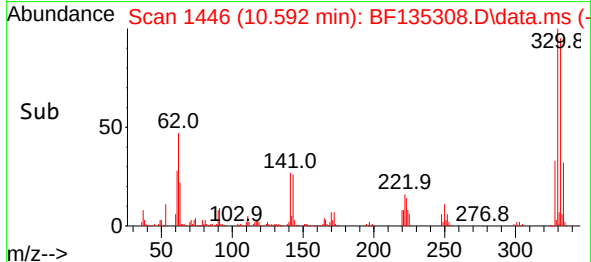
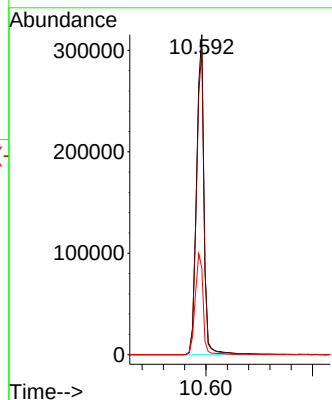
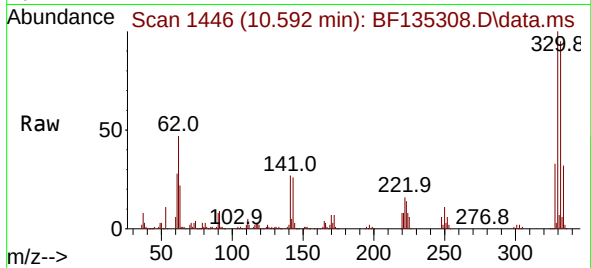




#42
2,4,6-Tribromophenol
Concen: 102.016 ng
RT: 10.592 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF135308.D
Acq: 18 Sep 2023 15:59

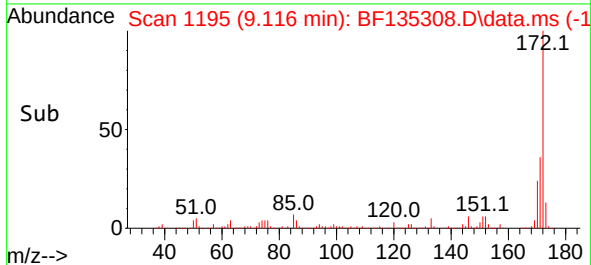
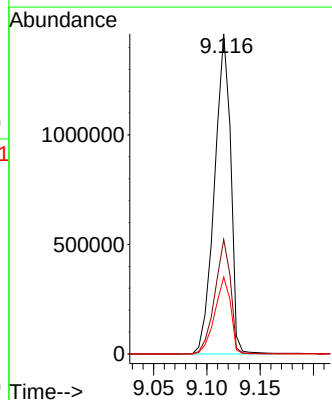
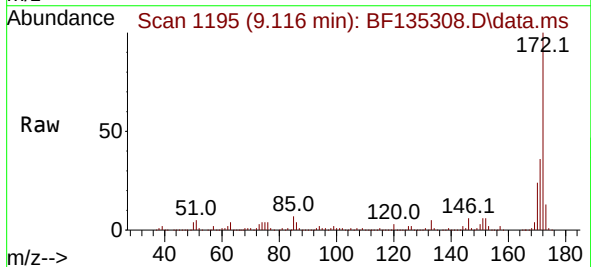
Instrument :
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PB155592BL

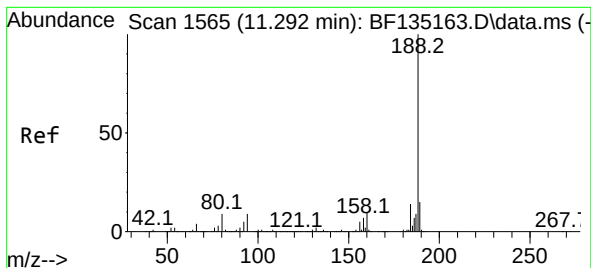
Tgt Ion:330 Resp: 306732
Ion Ratio Lower Upper
330 100
332 95.9 77.3 115.9
141 33.3 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 77.031 ng
RT: 9.116 min Scan# 1195
Delta R.T. -0.012 min
Lab File: BF135308.D
Acq: 18 Sep 2023 15:59

Tgt Ion:172 Resp: 1544770
Ion Ratio Lower Upper
172 100
171 35.7 28.4 42.6
170 24.0 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.286 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135308.D

Acq: 18 Sep 2023 15:59

Instrument :

BNA_F

ClientSampleId :

PB155592BL

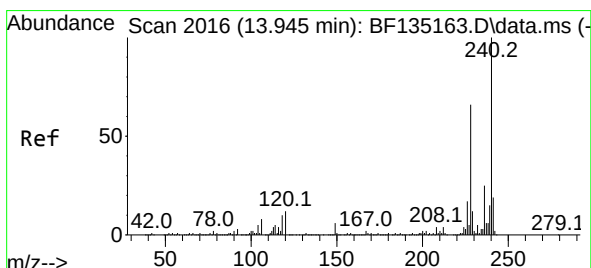
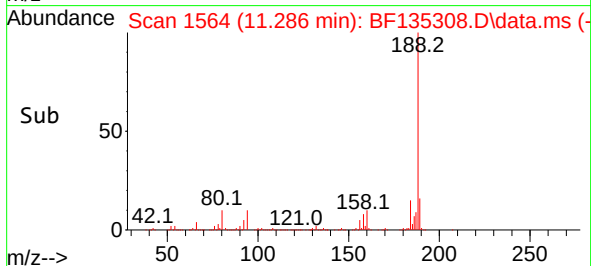
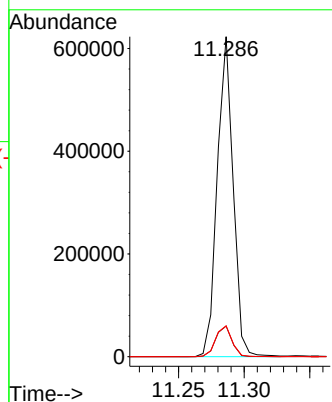
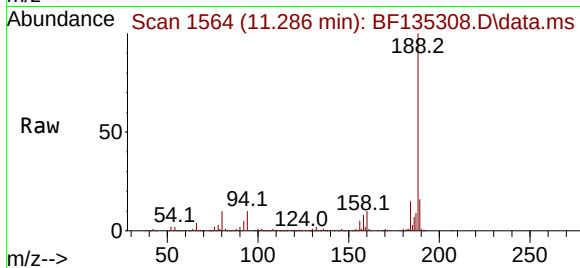
Tgt Ion:188 Resp: 523974

Ion Ratio Lower Upper

188 100

94 9.6 7.0 10.6

80 9.7 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: BF135308.D

Acq: 18 Sep 2023 15:59

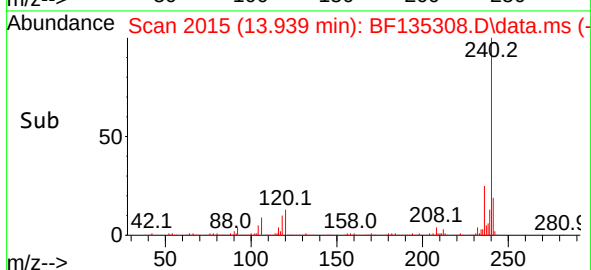
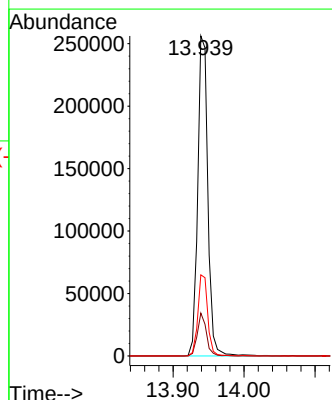
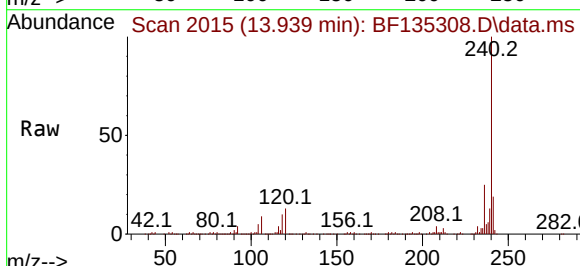
Tgt Ion:240 Resp: 254323

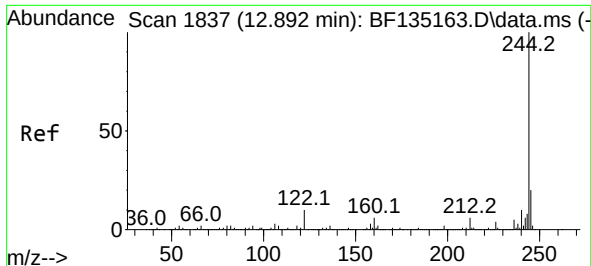
Ion Ratio Lower Upper

240 100

120 13.4 9.4 14.2

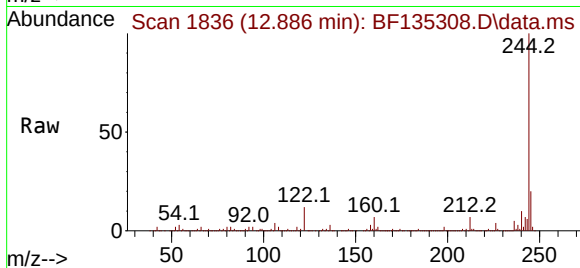
236 25.3 19.8 29.8



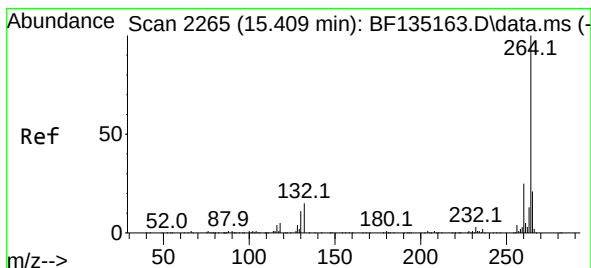
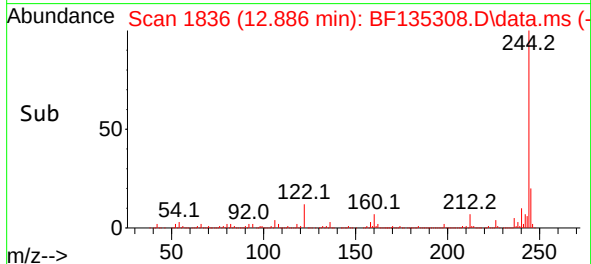
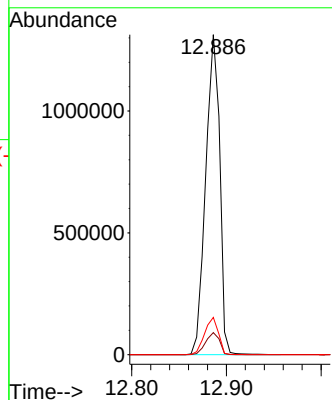


#79
Terphenyl-d14
Concen: 82.131 ng
RT: 12.886 min Scan# 1836
Delta R.T. -0.006 min
Lab File: BF135308.D
Acq: 18 Sep 2023 15:59

Instrument :
BNA_F
ClientSampleId :
PB155592BL



Tgt Ion:244 Resp: 1347437
Ion Ratio Lower Upper
244 100
212 6.9 5.1 7.7
122 11.7 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: BF135308.D
Acq: 18 Sep 2023 15:59

Tgt Ion:264 Resp: 277551
Ion Ratio Lower Upper
264 100
260 24.1 19.8 29.6
265 22.4 17.0 25.4

