

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100623\
 Data File : BF135621.D
 Acq On : 06 Oct 2023 10:51
 Operator : CG\JU
 Sample : PB156122BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156122BL

Quant Time: Oct 06 13:40:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 17:06:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	145684	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	564803	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	270774	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	562970	20.000	ng	0.00
76) Chrysene-d12	13.927	240	377264	20.000	ng	0.00
86) Perylene-d12	15.398	264	122655	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	1153045	128.728	ng	0.02
7) Phenol-d6	6.392	99	1487530	130.604	ng	0.00
23) Nitrobenzene-d5	7.304	82	958651	92.214	ng	0.00
42) 2,4,6-Tribromophenol	10.574	330	372401	138.396	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1612284	89.835	ng	0.00
79) Terphenyl-d14	12.868	244	1725149	70.887	ng	0.00

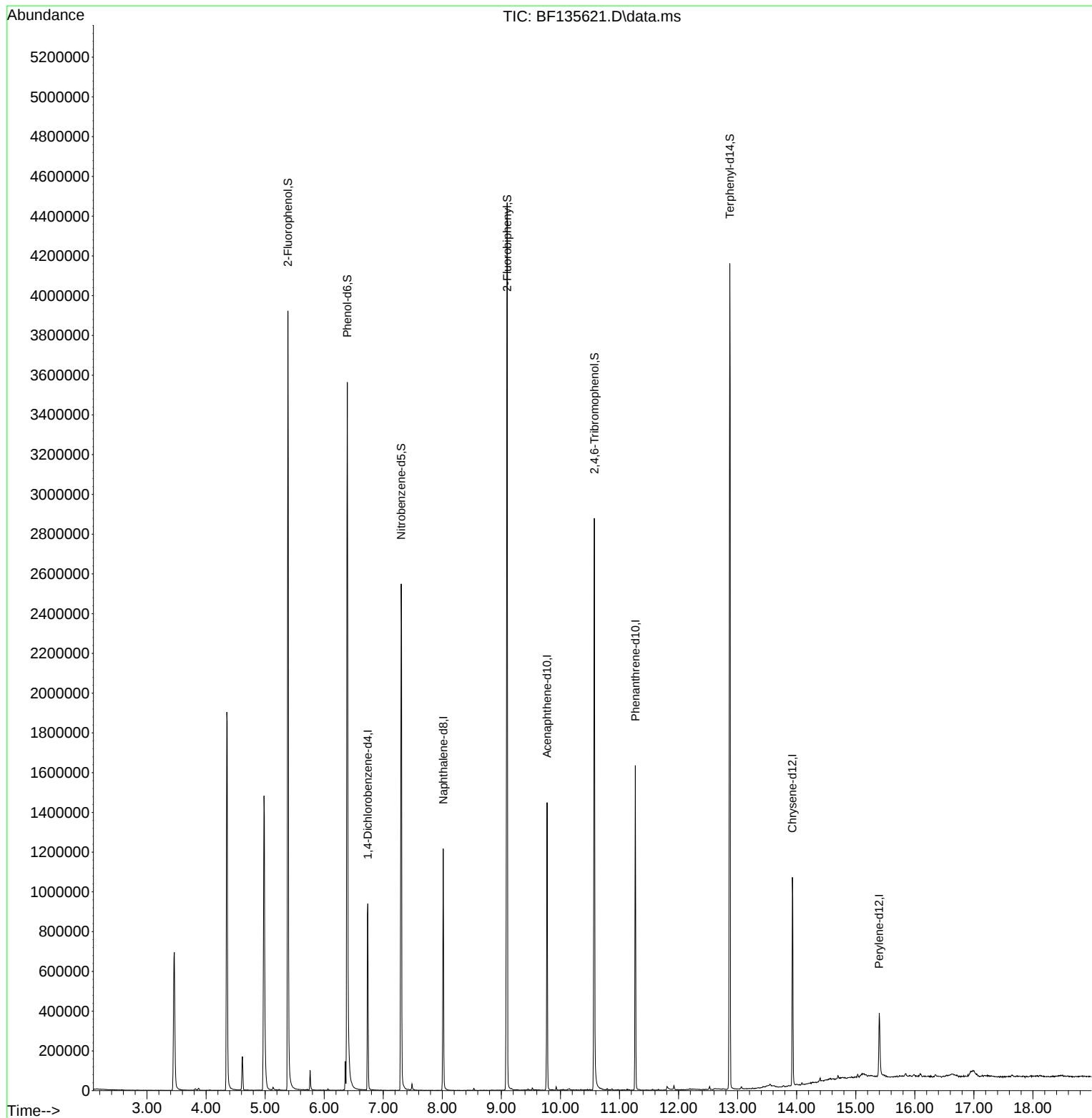
Target Compounds	Qvalue

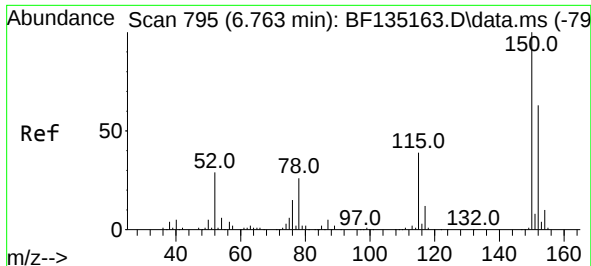
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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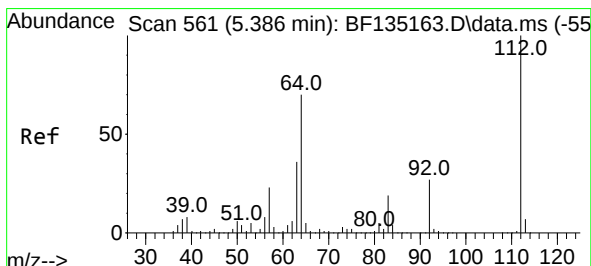
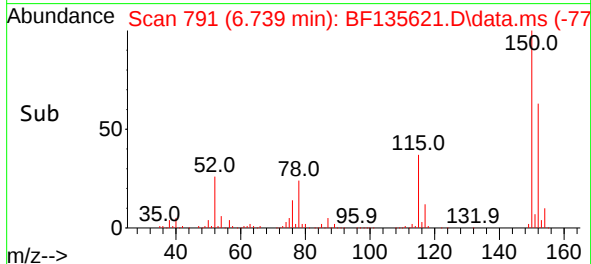
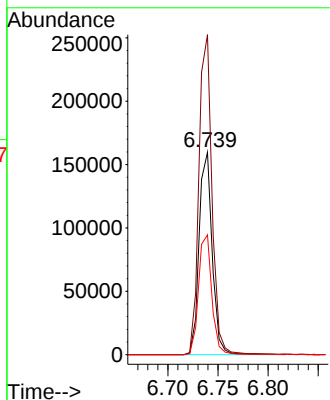
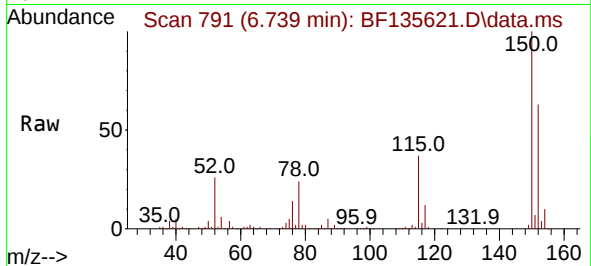




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135621.D
Acq: 06 Oct 2023 10:51

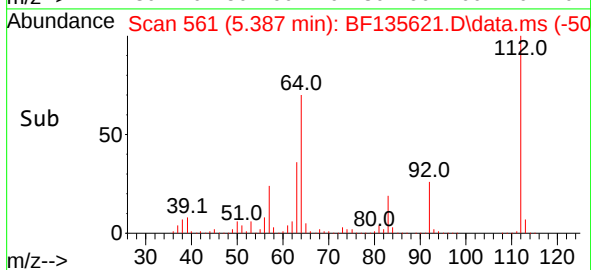
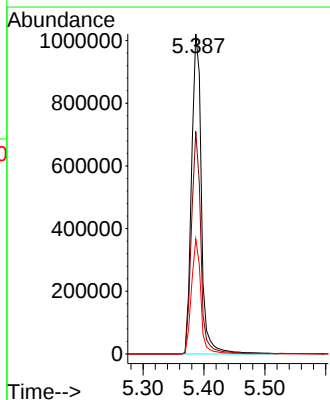
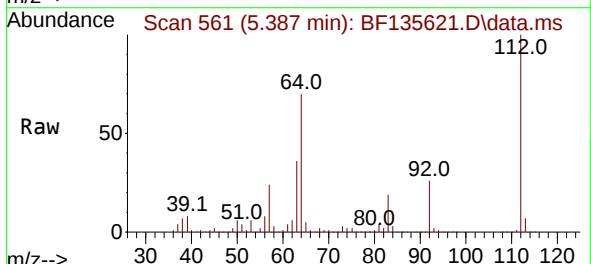
Instrument :
BNA_F
ClientSampleId :
PB156122BL

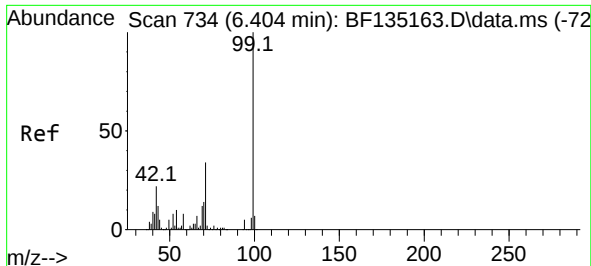
Tgt Ion:152 Resp: 145684
Ion Ratio Lower Upper
152 100
150 158.1 127.8 191.6
115 59.2 49.8 74.8



#5
2-Fluorophenol
Concen: 128.728 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.018 min
Lab File: BF135621.D
Acq: 06 Oct 2023 10:51

Tgt Ion:112 Resp: 1153045
Ion Ratio Lower Upper
112 100
64 69.6 55.9 83.9
63 35.9 29.0 43.6

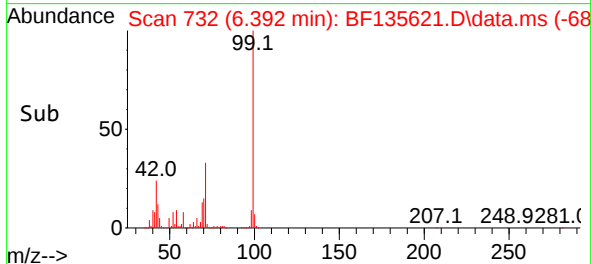
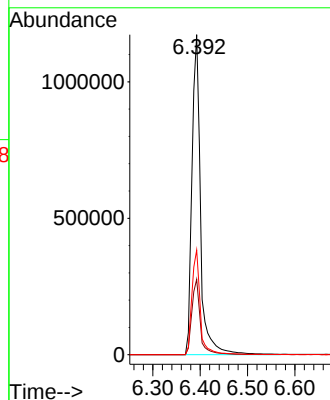
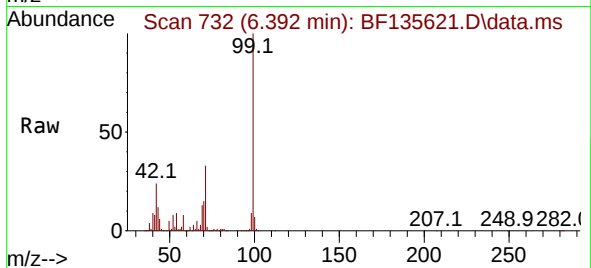




#7
Phenol-d6
Concen: 130.604 ng
RT: 6.392 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135621.D
Acq: 06 Oct 2023 10:51

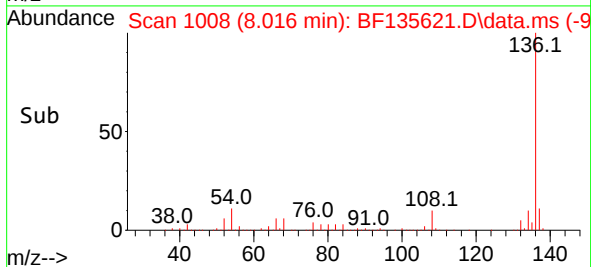
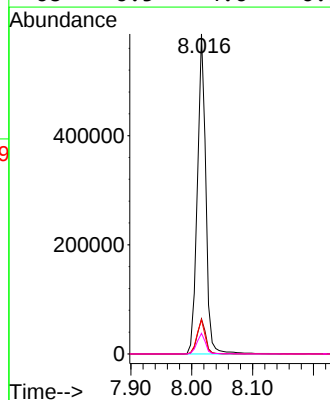
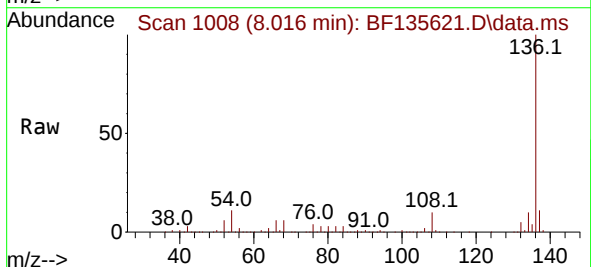
Instrument :
BNA_F
ClientSampleId :
PB156122BL

Tgt Ion: 99 Resp: 1487530
Ion Ratio Lower Upper
99 100
42 23.6 17.9 26.9
71 32.7 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BF135621.D
Acq: 06 Oct 2023 10:51

Tgt Ion: 136 Resp: 564803
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 10.6 7.7 11.5
68 6.5 4.6 6.8

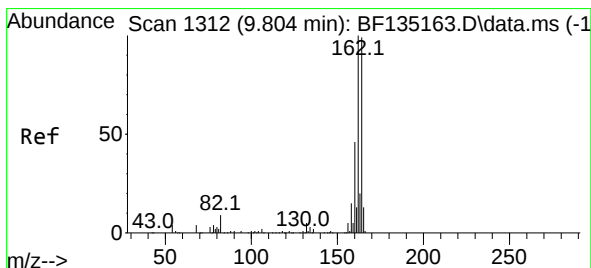
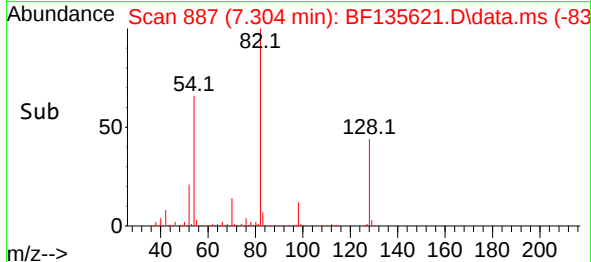
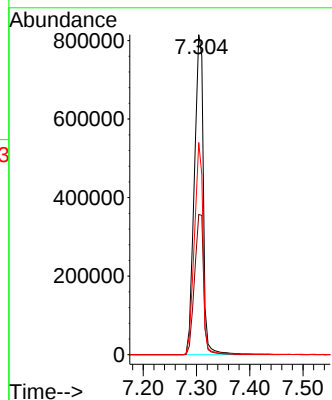
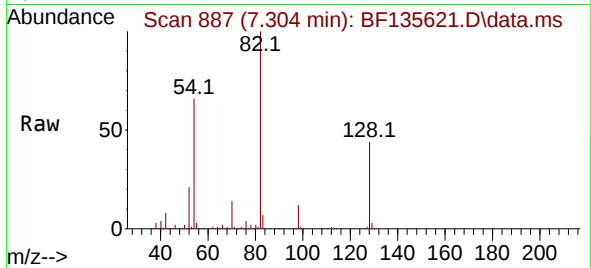




#23
Nitrobenzene-d5
Concen: 92.214 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF135621.D
Acq: 06 Oct 2023 10:51

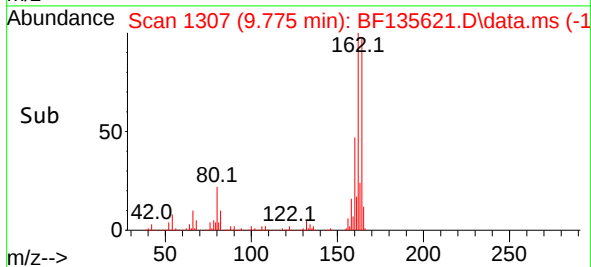
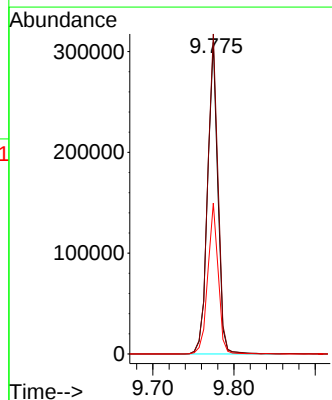
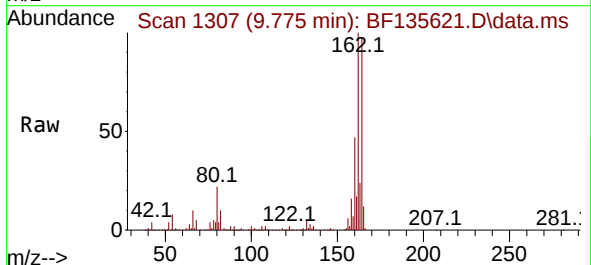
Instrument :
BNA_F
ClientSampleId :
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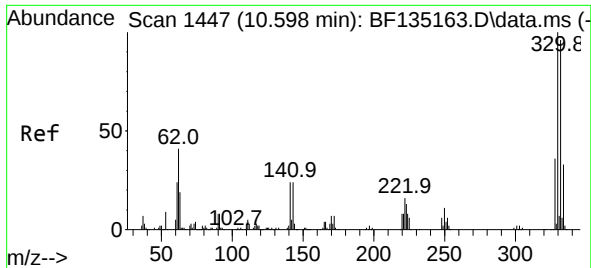
Tgt Ion: 82 Resp: 958651
Ion Ratio Lower Upper
82 100
128 43.8 35.8 53.6
54 66.3 50.6 76.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BF135621.D
Acq: 06 Oct 2023 10:51

Tgt Ion:164 Resp: 270774
Ion Ratio Lower Upper
164 100
162 102.7 81.0 121.4
160 48.4 37.0 55.4

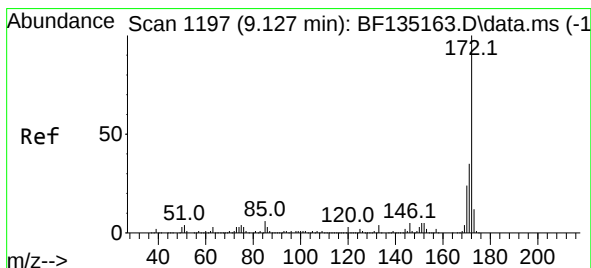
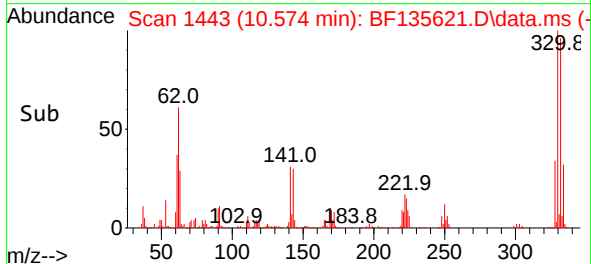
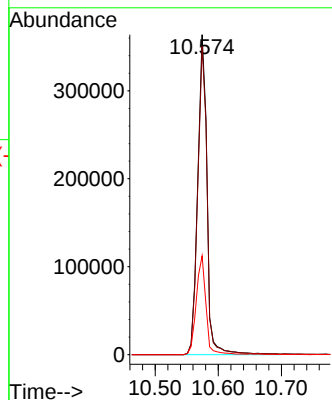
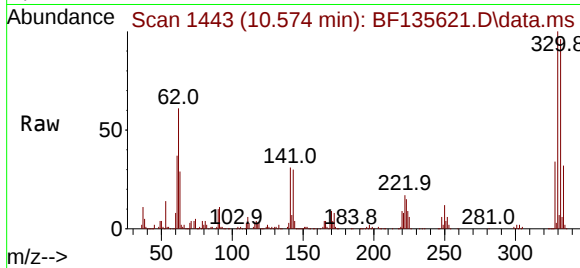




#42
 2,4,6-Tribromophenol
 Concen: 138.396 ng
 RT: 10.574 min Scan# 1443
 Delta R.T. 0.006 min
 Lab File: BF135621.D
 Acq: 06 Oct 2023 10:51

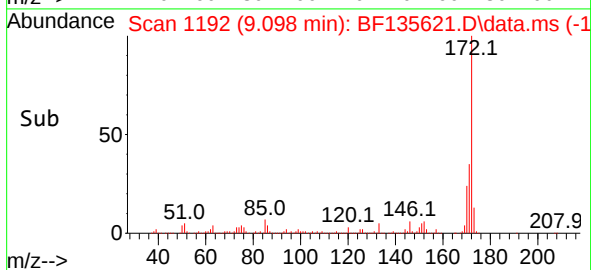
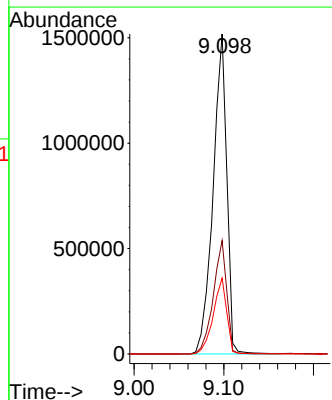
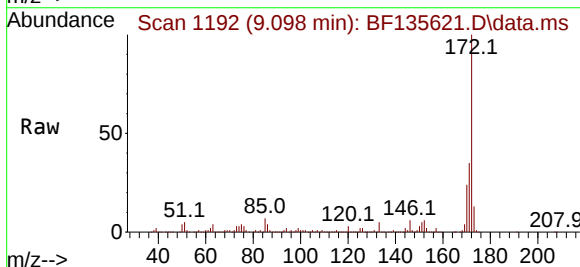
Instrument :
 BNA_F
 ClientSampleId :
 PB156122BL

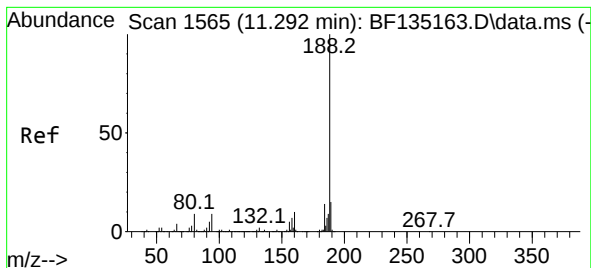
Tgt Ion:330 Resp: 372401
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.3 115.9
 141 32.1 25.8 38.8



#45
 2-Fluorobiphenyl
 Concen: 89.835 ng
 RT: 9.098 min Scan# 1192
 Delta R.T. 0.000 min
 Lab File: BF135621.D
 Acq: 06 Oct 2023 10:51

Tgt Ion:172 Resp: 1612284
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.4 42.6
 170 23.7 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.269 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135621.D

Acq: 06 Oct 2023 10:51

Instrument :

BNA_F

ClientSampleId :

PB156122BL

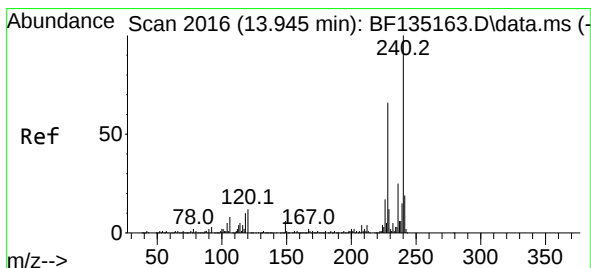
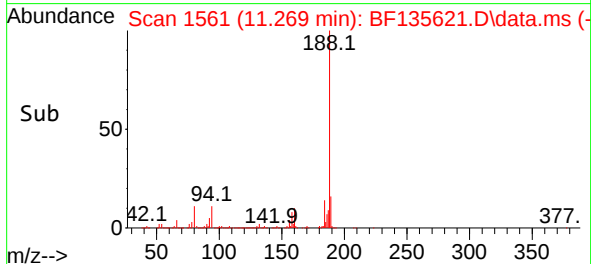
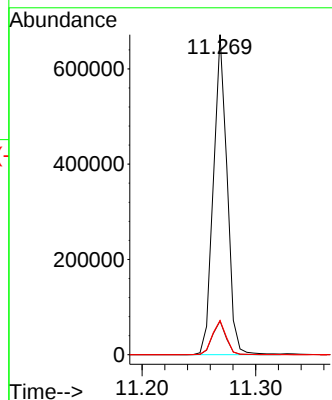
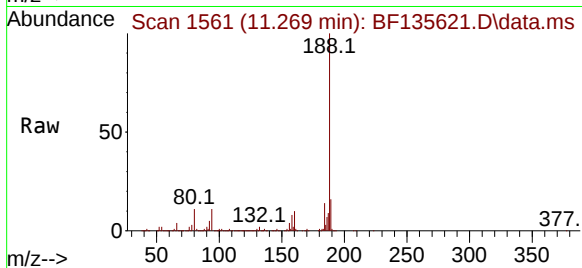
Tgt Ion:188 Resp: 562970

Ion Ratio Lower Upper

188 100

94 10.5 7.0 10.6

80 10.7 7.5 11.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.927 min Scan# 2013

Delta R.T. 0.000 min

Lab File: BF135621.D

Acq: 06 Oct 2023 10:51

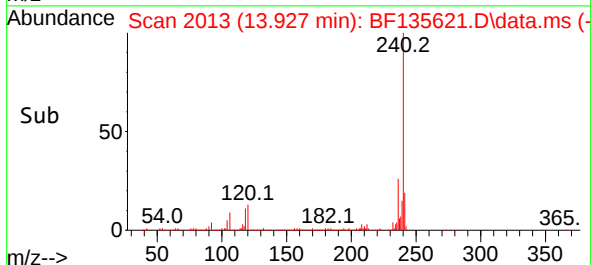
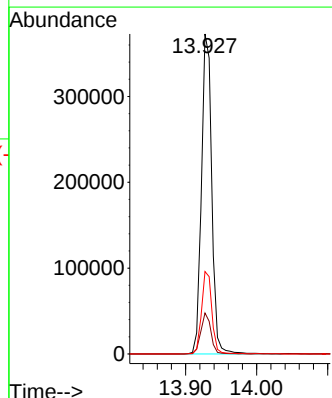
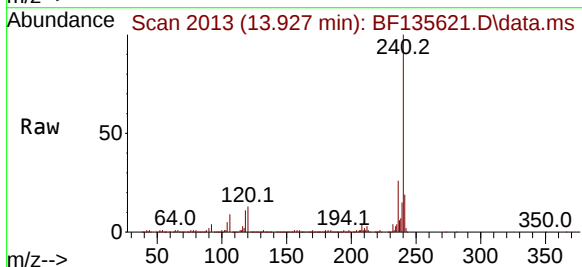
Tgt Ion:240 Resp: 377264

Ion Ratio Lower Upper

240 100

120 12.8 9.4 14.2

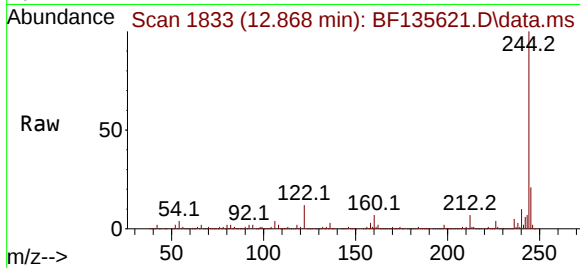
236 25.8 19.8 29.8



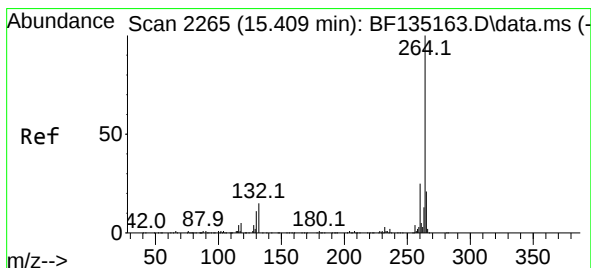
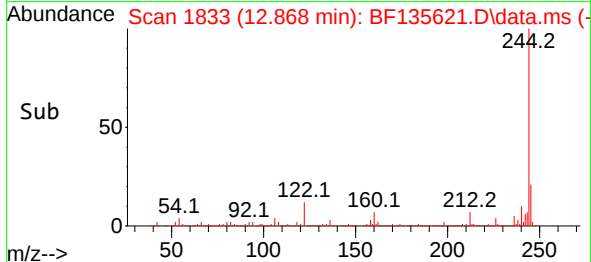
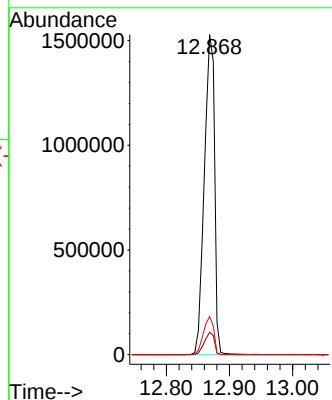


#79
 Terphenyl-d14
 Concen: 70.887 ng
 RT: 12.868 min Scan# 1833
 Delta R.T. 0.006 min
 Lab File: BF135621.D
 Acq: 06 Oct 2023 10:51

Instrument :
 BNA_F
 ClientSampleId :
 PB156122BL



Tgt Ion:244 Resp: 1725149
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.1 7.7
 122 11.9 7.9 11.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.398 min Scan# 2263
 Delta R.T. 0.012 min
 Lab File: BF135621.D
 Acq: 06 Oct 2023 10:51

Tgt Ion:264 Resp: 122655
 Ion Ratio Lower Upper
 264 100
 260 27.2 19.8 29.6
 265 19.4 17.0 25.4

