

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100423\
 Data File : BF135580.D
 Acq On : 04 Oct 2023 20:41
 Operator : CG\JU
 Sample : 04668-07MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR200027MS

Quant Time: Oct 04 23:28:07 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	154336	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	613397	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	299127	20.000	ng	0.00
64) Phenanthrene-d10	11.263	188	614078	20.000	ng	# 0.00
76) Chrysene-d12	13.921	240	319890	20.000	ng	0.00
86) Perylene-d12	15.386	264	129115	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	1177235	124.061	ng	0.02
7) Phenol-d6	6.392	99	1372526	113.751	ng	0.00
23) Nitrobenzene-d5	7.304	82	986216	87.350	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	401969	135.225	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1659702	83.711	ng	0.00
79) Terphenyl-d14	12.868	244	1846620	89.487	ng	0.00

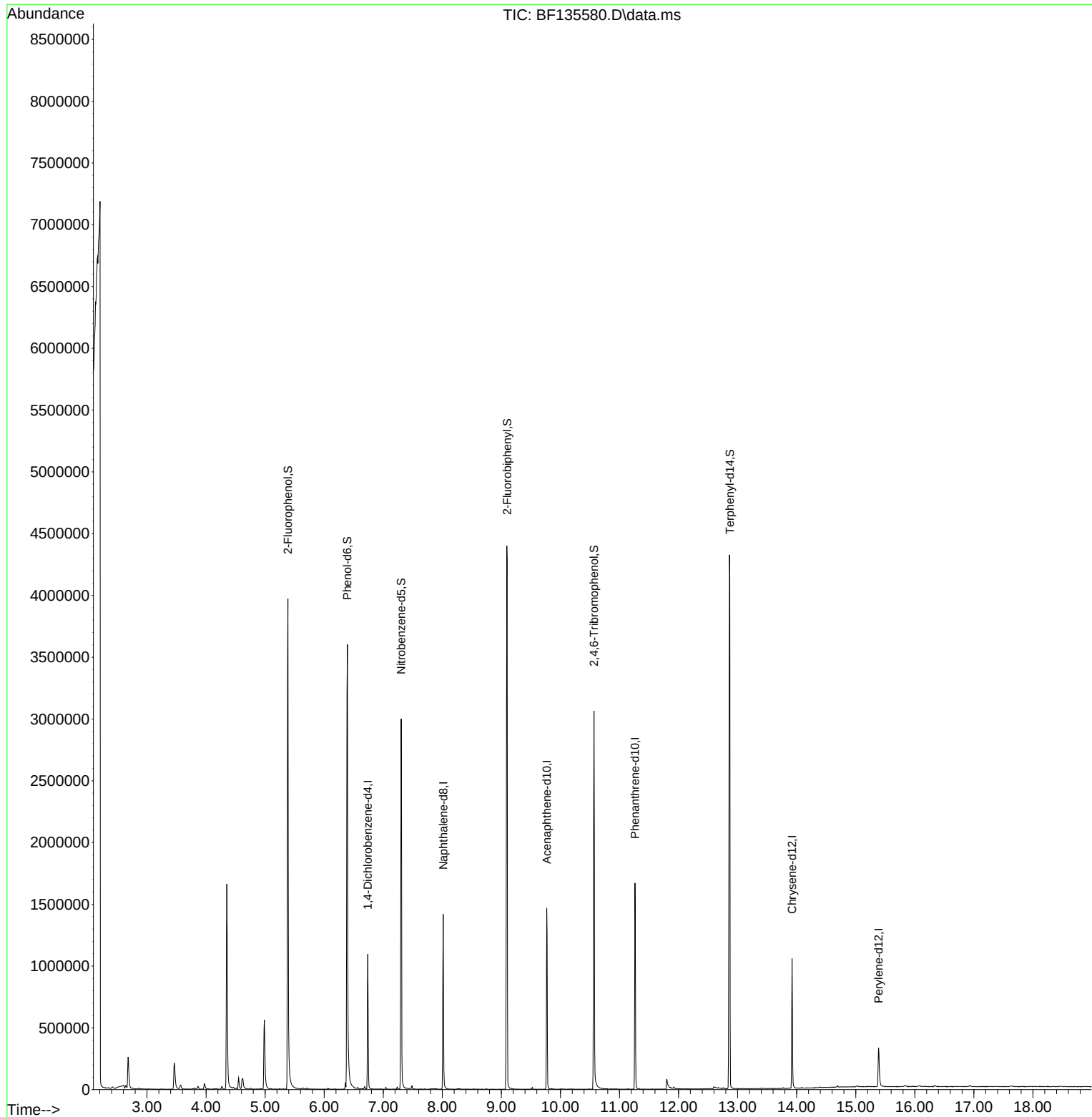
Target Compounds	Qvalue

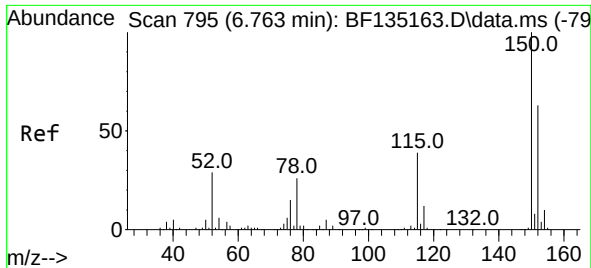
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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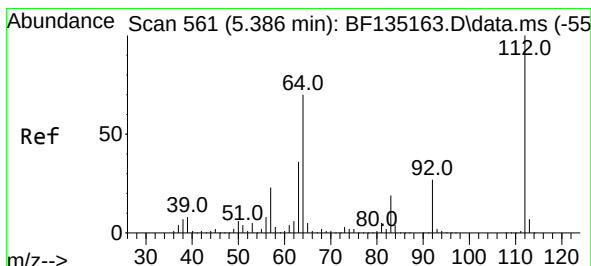
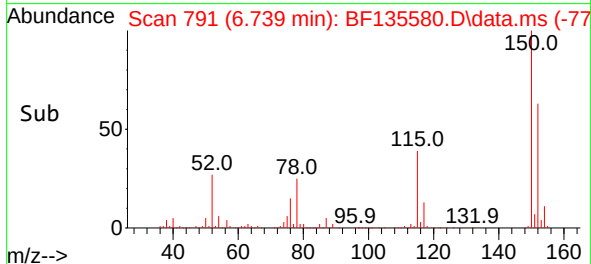
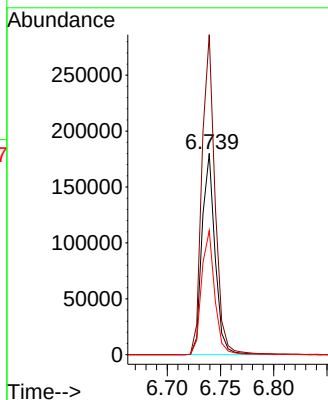
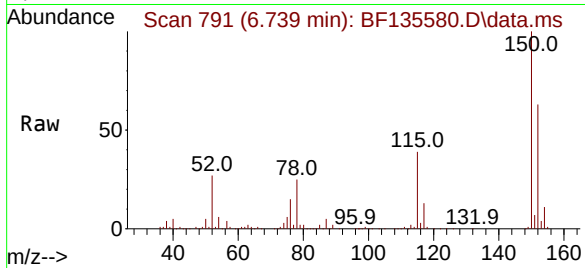




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135580.D
Acq: 04 Oct 2023 20:41

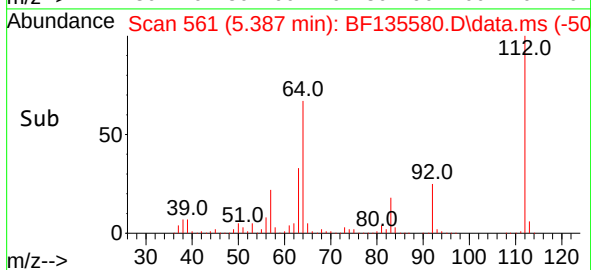
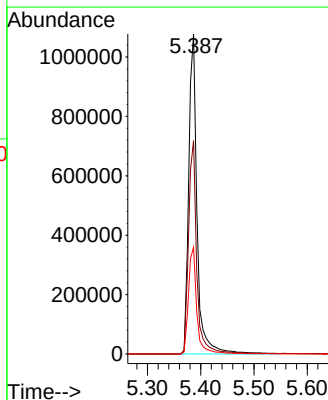
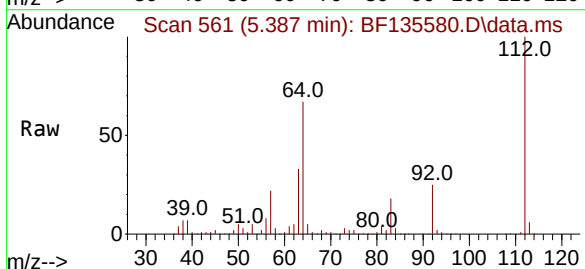
Instrument :
BNA_F
ClientSampleId :
RBR200027MS

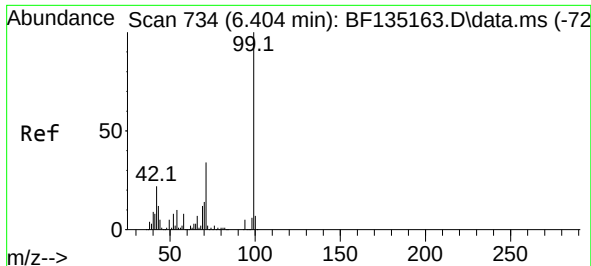
Tgt Ion:152 Resp: 154336
Ion Ratio Lower Upper
152 100
150 159.0 127.8 191.6
115 61.6 49.8 74.8



#5
2-Fluorophenol
Concen: 124.061 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.018 min
Lab File: BF135580.D
Acq: 04 Oct 2023 20:41

Tgt Ion:112 Resp: 1177235
Ion Ratio Lower Upper
112 100
64 66.7 55.9 83.9
63 33.3 29.0 43.6



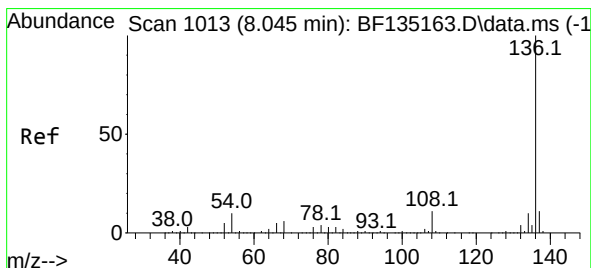
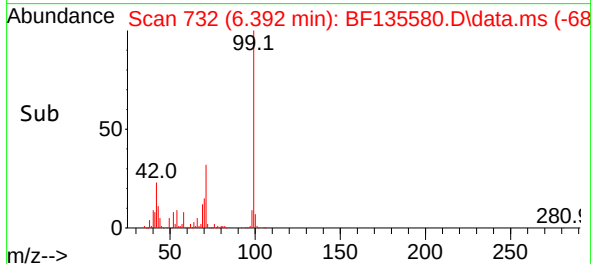
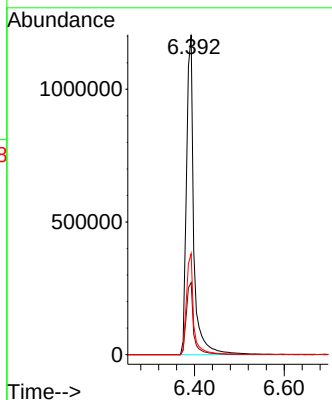
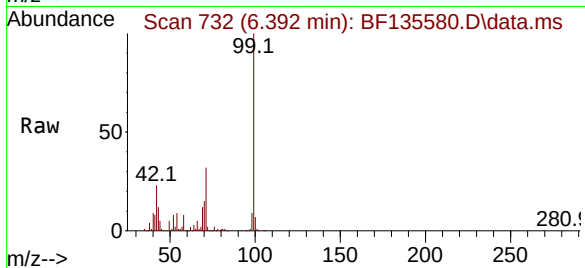


#7
Phenol-d6
Concen: 113.751 ng
RT: 6.392 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135580.D
Acq: 04 Oct 2023 20:41

Instrument :
BNA_F
ClientSampleId :
RBR200027MS

Tgt Ion: 99 Resp: 1372526

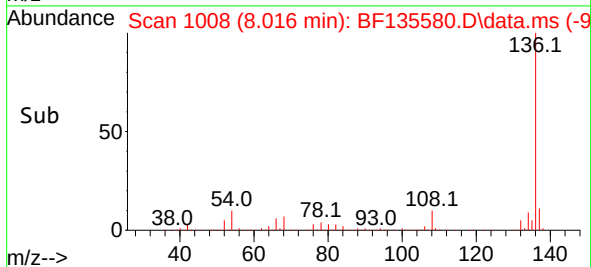
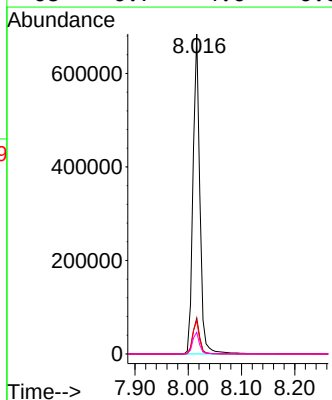
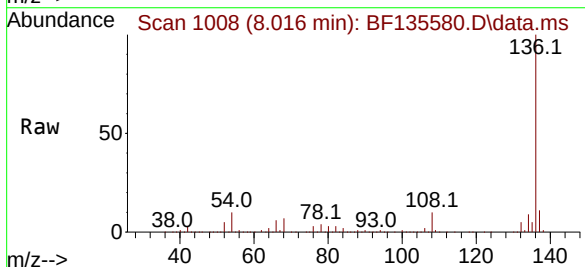
Ion	Ratio	Lower	Upper
99	100		
42	22.5	17.9	26.9
71	31.6	27.0	40.6

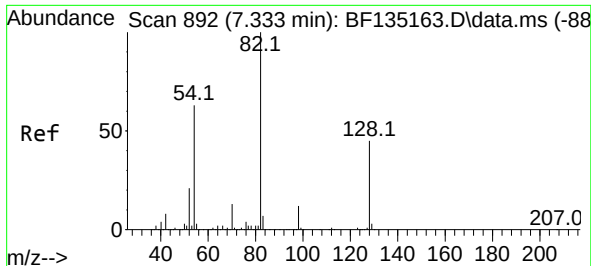


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BF135580.D
Acq: 04 Oct 2023 20:41

Tgt Ion: 136 Resp: 613397

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	10.4	7.7	11.5
68	6.7	4.6	6.8





#23

Nitrobenzene-d5

Concen: 87.350 ng

RT: 7.304 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF135580.D

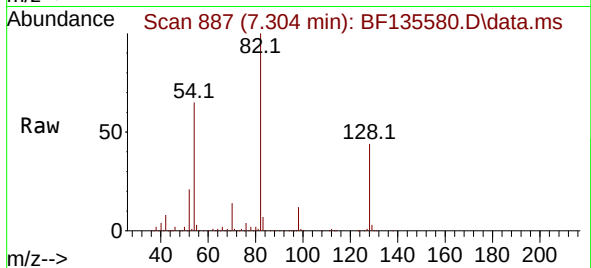
Acq: 04 Oct 2023 20:41

Instrument :

BNA_F

ClientSampleId :

RBR200027MS



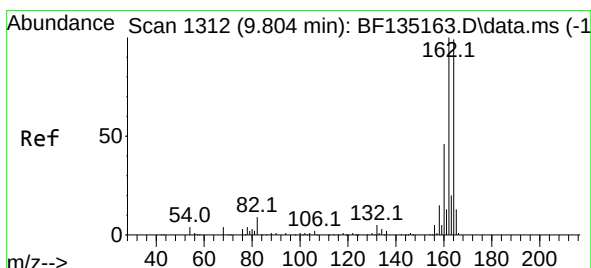
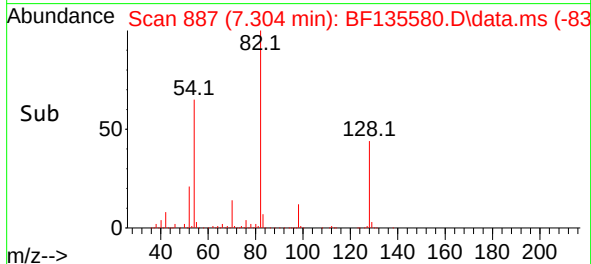
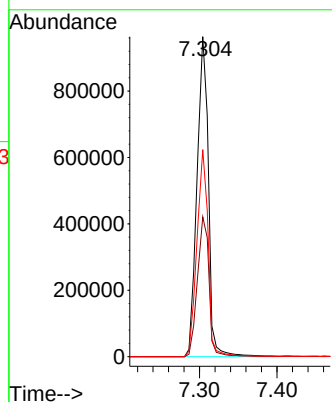
Tgt Ion: 82 Resp: 986216

Ion Ratio Lower Upper

82 100

128 43.7 35.8 53.6

54 64.7 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.769 min Scan# 1306

Delta R.T. -0.006 min

Lab File: BF135580.D

Acq: 04 Oct 2023 20:41

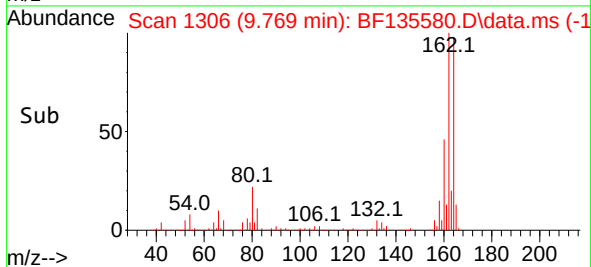
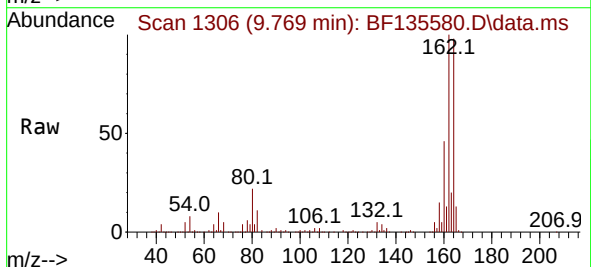
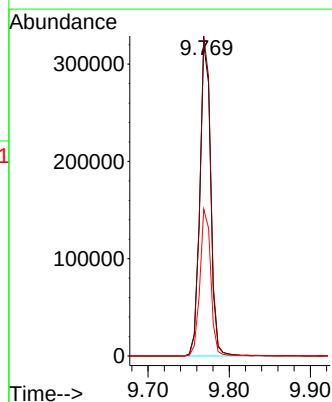
Tgt Ion: 164 Resp: 299127

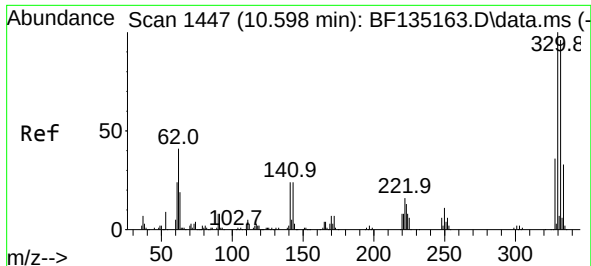
Ion Ratio Lower Upper

164 100

162 102.6 81.0 121.4

160 47.1 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 135.225 ng

RT: 10.569 min Scan# 1442

Delta R.T. 0.000 min

Lab File: BF135580.D

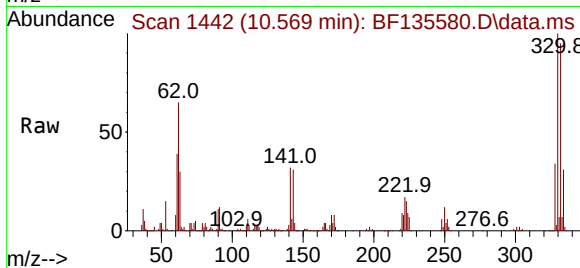
Acq: 04 Oct 2023 20:41

Instrument :

BNA_F

ClientSampleId :

RBR200027MS



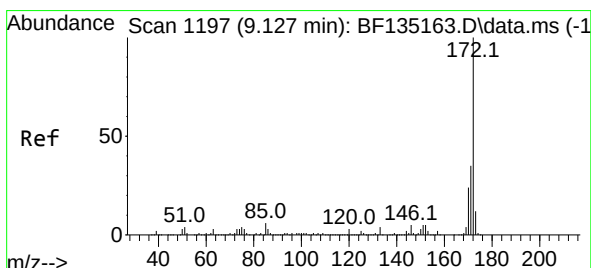
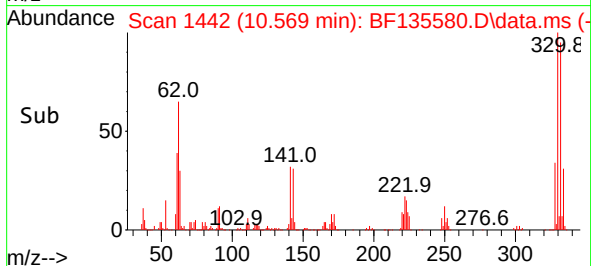
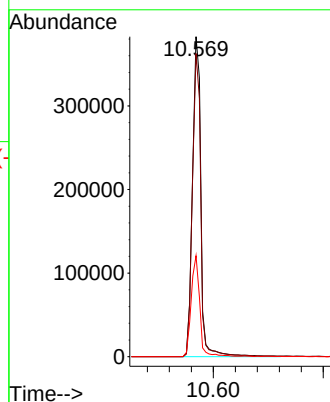
Tgt Ion:330 Resp: 401969

Ion Ratio Lower Upper

330 100

332 94.8 77.3 115.9

141 32.4 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 83.711 ng

RT: 9.098 min Scan# 1192

Delta R.T. 0.000 min

Lab File: BF135580.D

Acq: 04 Oct 2023 20:41

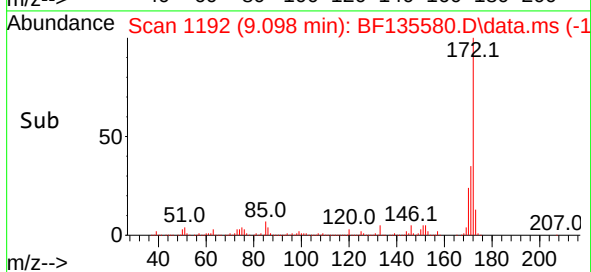
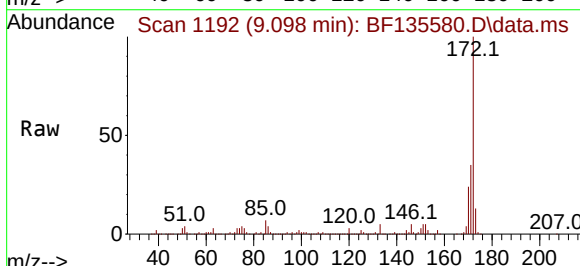
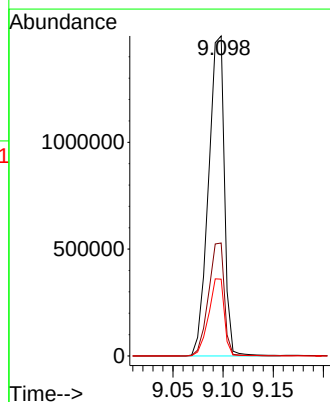
Tgt Ion:172 Resp: 1659702

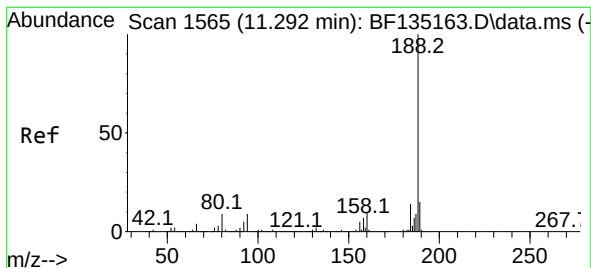
Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 24.0 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.263 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135580.D

Acq: 04 Oct 2023 20:41

Instrument :

BNA_F

ClientSampleId :

RBR200027MS

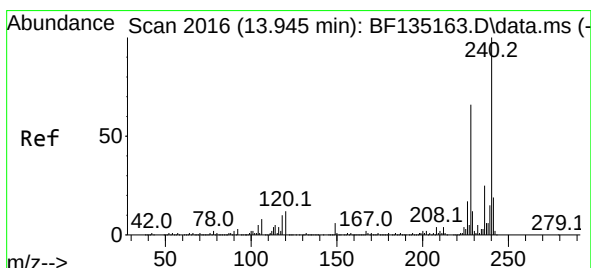
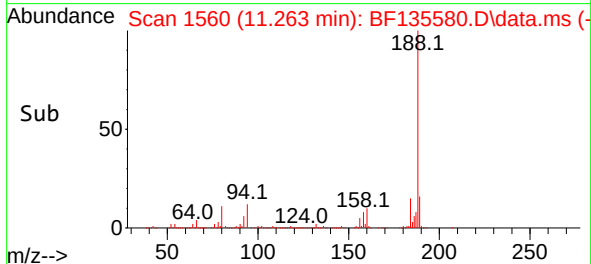
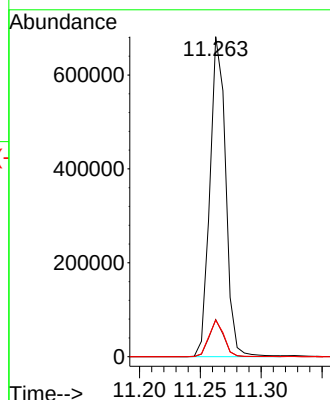
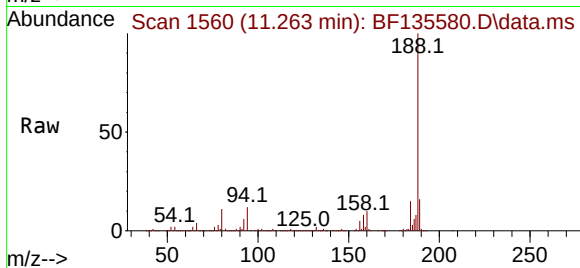
Tgt Ion:188 Resp: 614078

Ion Ratio Lower Upper

188 100

94 11.6 7.0 10.6#

80 11.4 7.5 11.3#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.921 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF135580.D

Acq: 04 Oct 2023 20:41

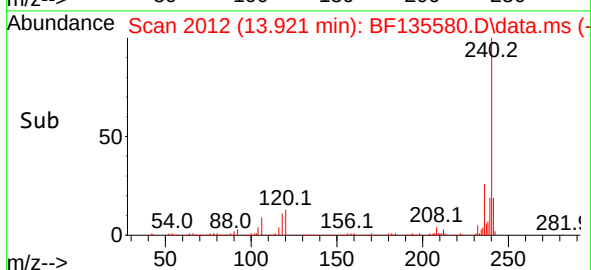
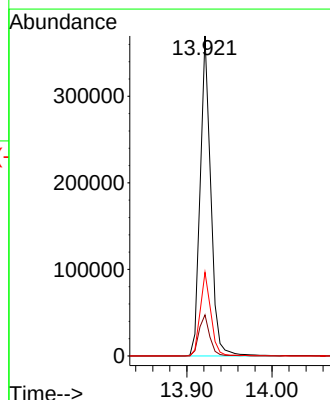
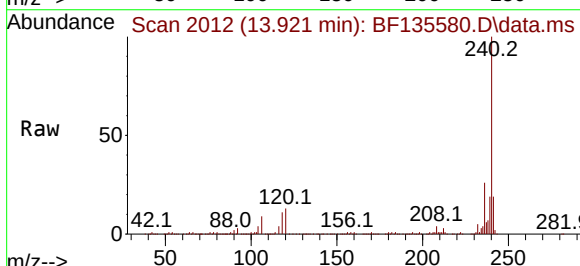
Tgt Ion:240 Resp: 319890

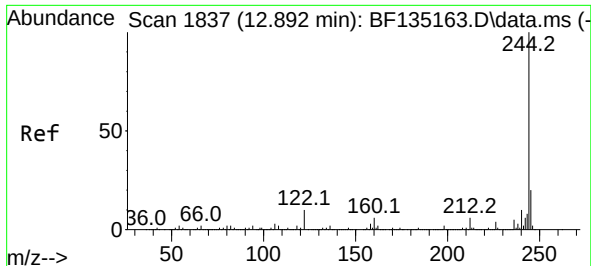
Ion Ratio Lower Upper

240 100

120 12.9 9.4 14.2

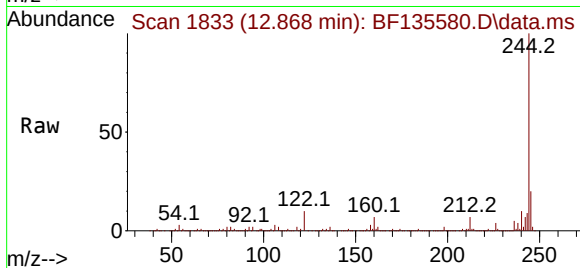
236 26.1 19.8 29.8



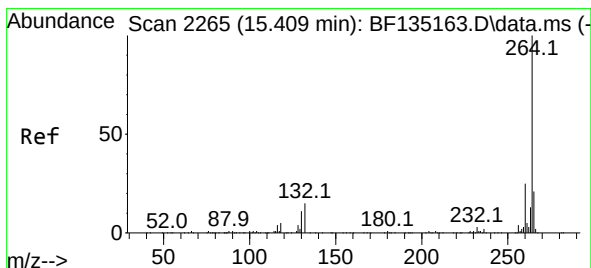
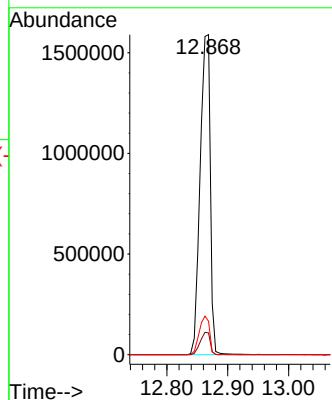
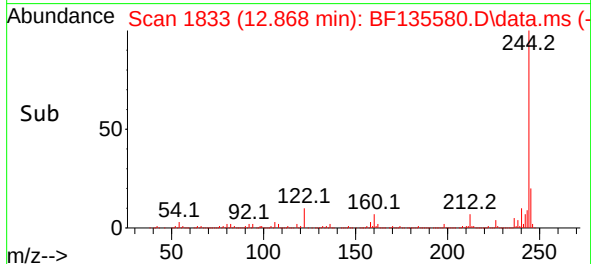


#79
 Terphenyl-d14
 Concen: 89.487 ng
 RT: 12.868 min Scan# 1833
 Delta R.T. 0.006 min
 Lab File: BF135580.D
 Acq: 04 Oct 2023 20:41

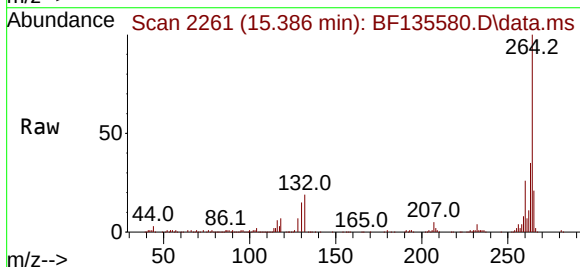
Instrument :
 BNA_F
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Tgt Ion:244 Resp: 1846620
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.1 7.7
 122 10.4 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.386 min Scan# 2261
 Delta R.T. 0.000 min
 Lab File: BF135580.D
 Acq: 04 Oct 2023 20:41



Tgt Ion:264 Resp: 129115
 Ion Ratio Lower Upper
 264 100
 260 26.3 19.8 29.6
 265 21.4 17.0 25.4

