

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100623\
 Data File : BF135632.D
 Acq On : 06 Oct 2023 16:48
 Operator : CG\JU
 Sample : 04764-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GRAVEL

Quant Time: Oct 07 01:49:26 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	6.740	152	141359	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	557443	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	288906	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	572892	20.000	ng	0.00
76) Chrysene-d12	13.927	240	332571	20.000	ng	0.00
86) Perylene-d12	15.398	264	284400	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	814862	93.756	ng	0.00
7) Phenol-d6	6.387	99	1012612	91.627	ng	0.00
23) Nitrobenzene-d5	7.304	82	619592	60.387	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	217920	75.903	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1139714	59.518	ng	0.00
79) Terphenyl-d14	12.869	244	1243522	57.963	ng	0.00

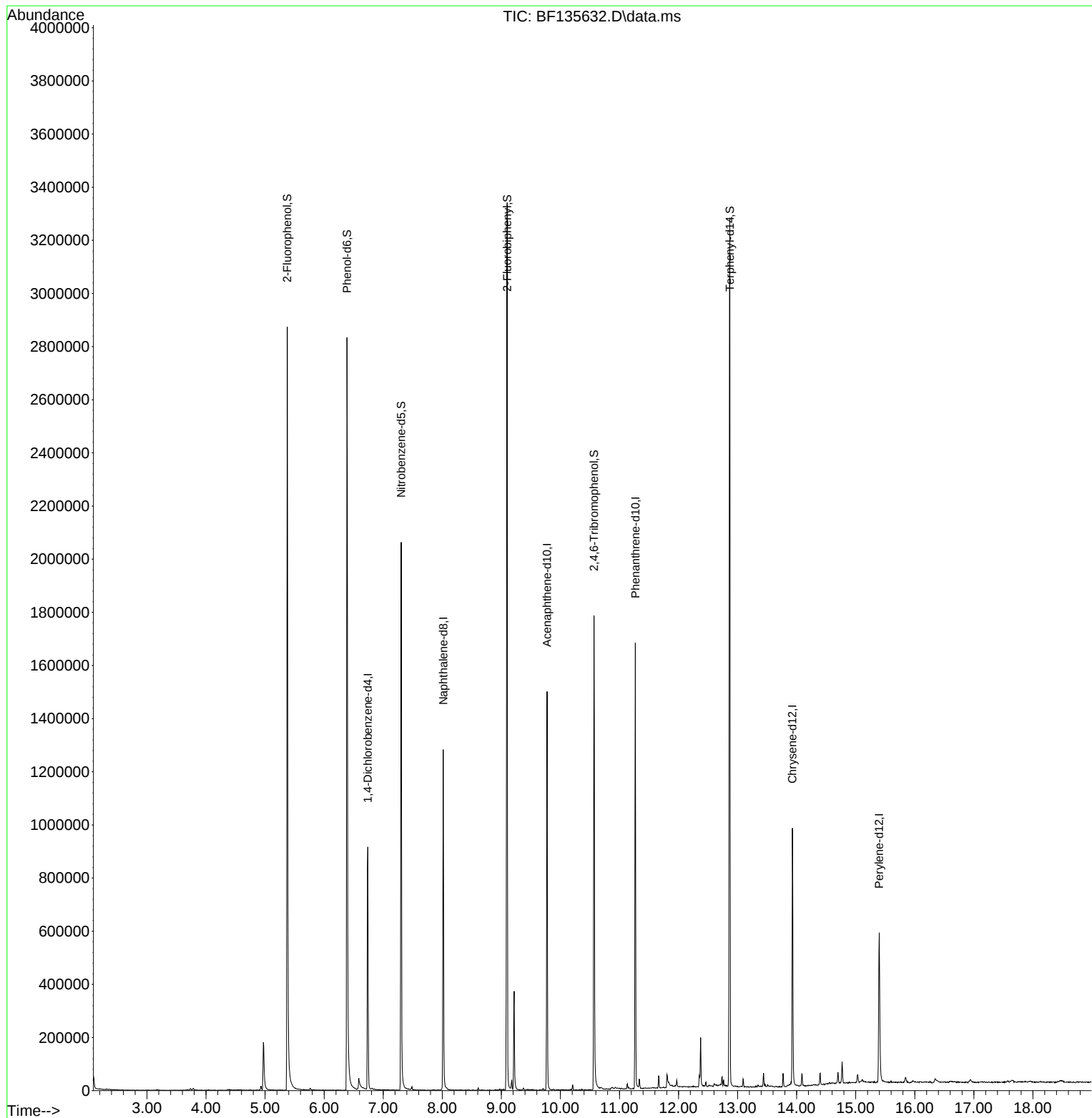
Target Compounds	Qvalue

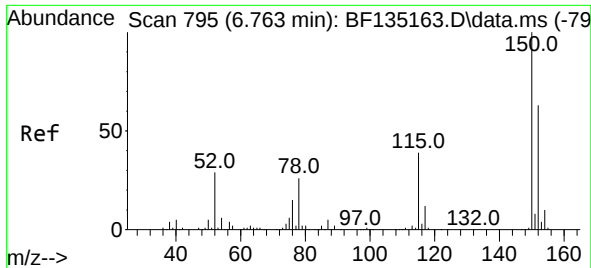
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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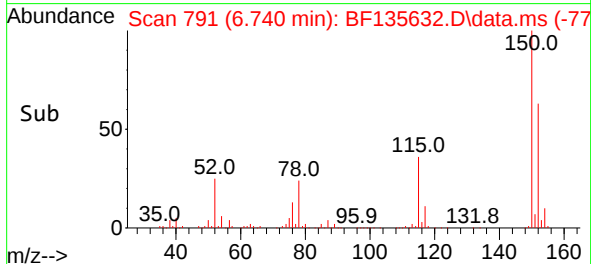
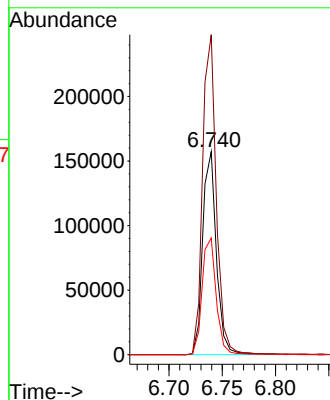
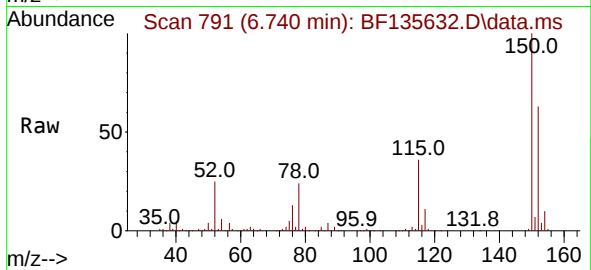




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 795
Delta R.T. 0.001 min
Lab File: BF135632.D
Acq: 06 Oct 2023 16:48

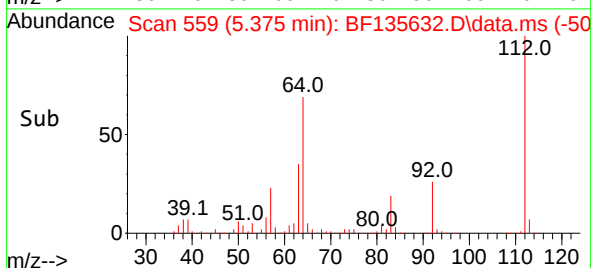
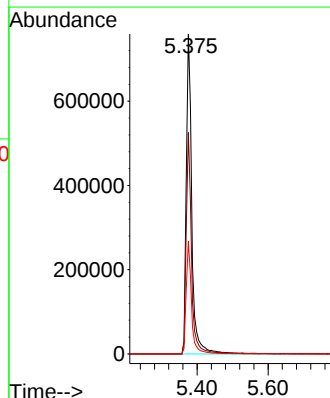
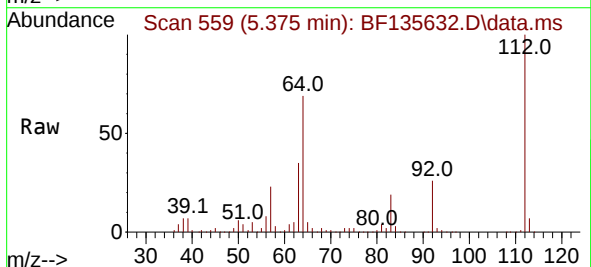
Instrument :
BNA_F
ClientSampleId :
GRAVEL

Tgt Ion:152 Resp: 141359
Ion Ratio Lower Upper
152 100
150 157.6 127.8 191.6
115 57.5 49.8 74.8



#5
2-Fluorophenol
Concen: 93.756 ng
RT: 5.375 min Scan# 559
Delta R.T. 0.006 min
Lab File: BF135632.D
Acq: 06 Oct 2023 16:48

Tgt Ion:112 Resp: 814862
Ion Ratio Lower Upper
112 100
64 69.2 55.9 83.9
63 35.2 29.0 43.6

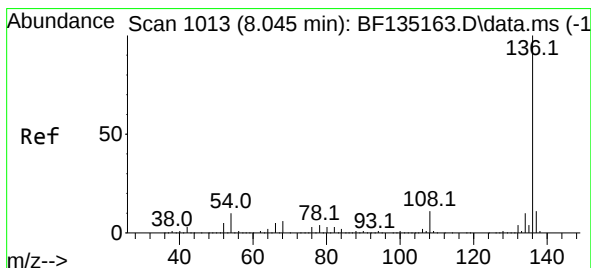
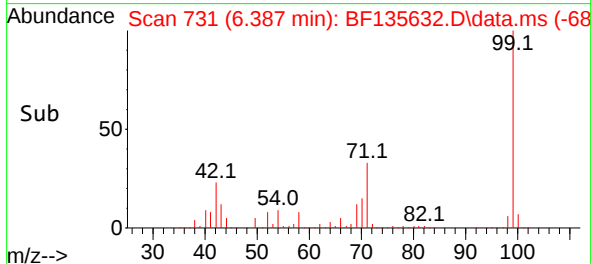
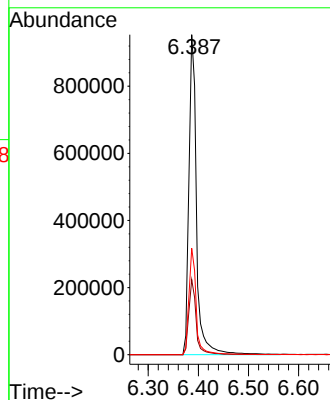
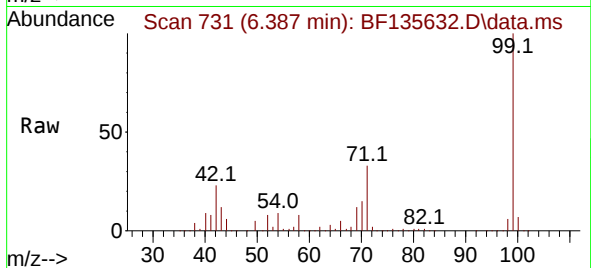




#7
Phenol-d6
Concen: 91.627 ng
RT: 6.387 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135632.D
Acq: 06 Oct 2023 16:48

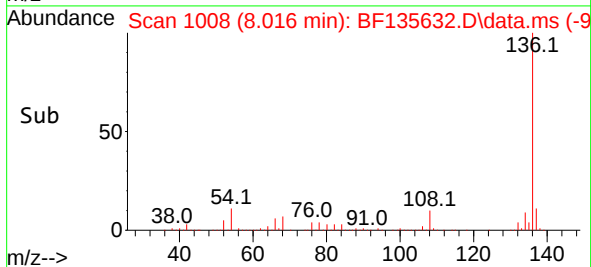
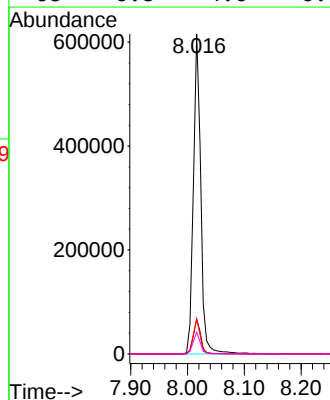
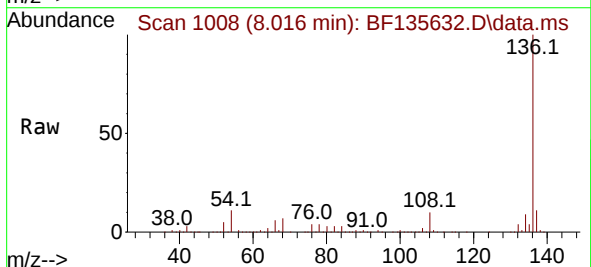
Instrument :
BNA_F
ClientSampleId :
GRAVEL

Tgt Ion: 99 Resp: 1012612
Ion Ratio Lower Upper
99 100
42 23.5 17.9 26.9
71 33.2 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: BF135632.D
Acq: 06 Oct 2023 16:48

Tgt Ion: 136 Resp: 557443
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: 60.387 ng

RT: 7.304 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF135632.D

Acq: 06 Oct 2023 16:48

Instrument :

BNA_F

ClientSampleId :

GRAVEL

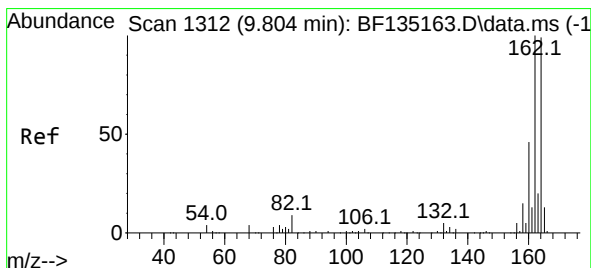
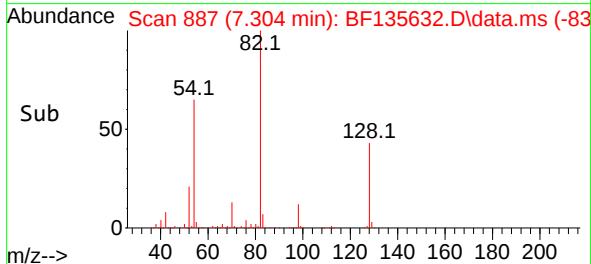
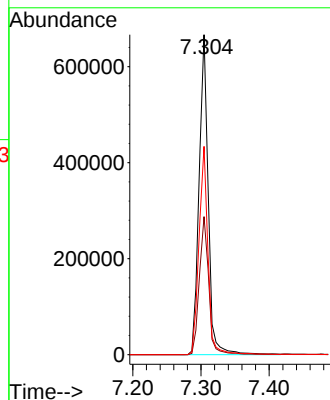
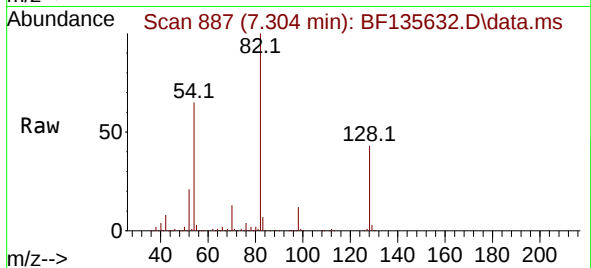
Tgt Ion: 82 Resp: 619592

Ion Ratio Lower Upper

82 100

128 43.2 35.8 53.6

54 65.1 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: BF135632.D

Acq: 06 Oct 2023 16:48

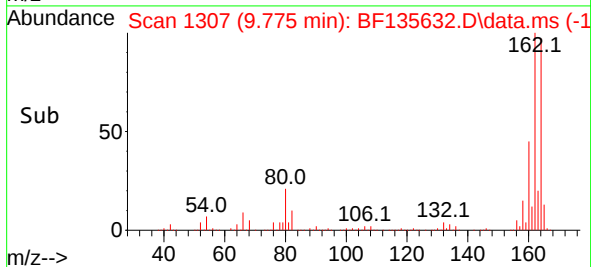
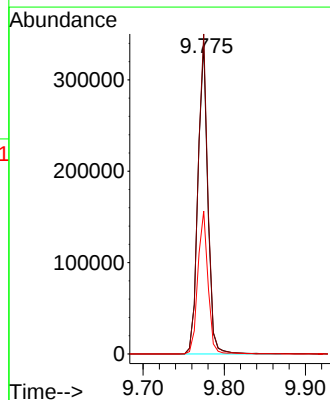
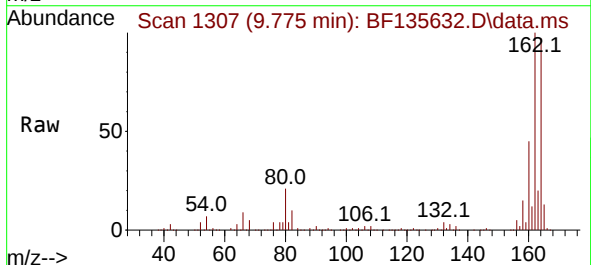
Tgt Ion:164 Resp: 288906

Ion Ratio Lower Upper

164 100

162 103.3 81.0 121.4

160 46.2 37.0 55.4

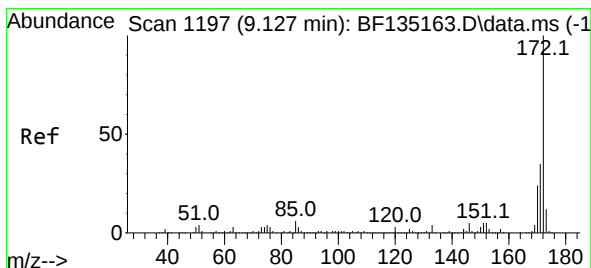
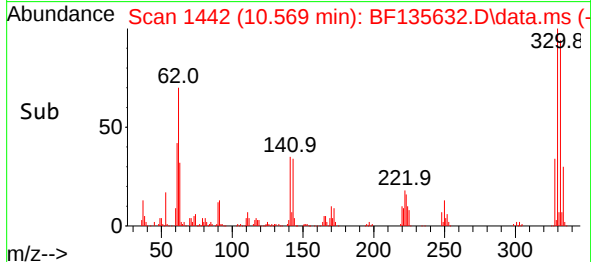
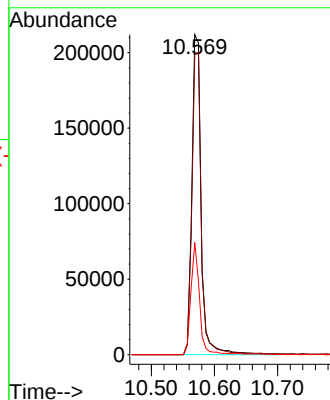
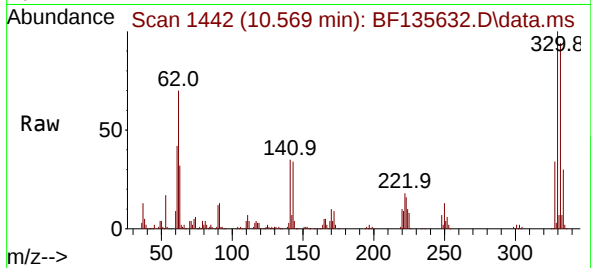




#42
2,4,6-Tribromophenol
Concen: 75.903 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF135632.D
Acq: 06 Oct 2023 16:48

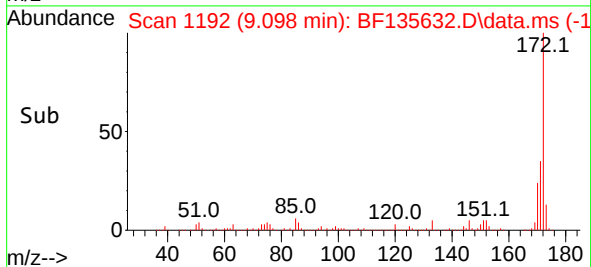
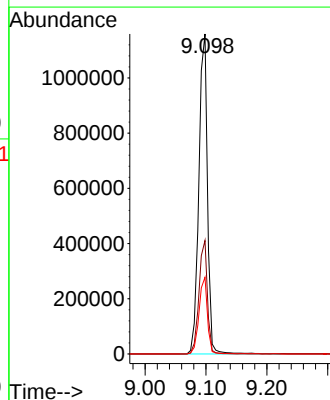
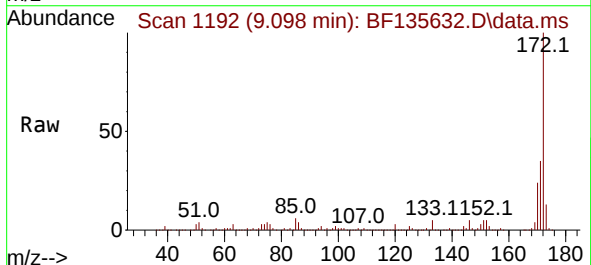
Instrument :
BNA_F
ClientSampleId :
GRAVEL

Tgt Ion:330 Resp: 217920
Ion Ratio Lower Upper
330 100
332 95.8 77.3 115.9
141 32.7 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 59.518 ng
RT: 9.098 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BF135632.D
Acq: 06 Oct 2023 16:48

Tgt Ion:172 Resp: 1139714
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.9 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.269 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135632.D

Acq: 06 Oct 2023 16:48

Instrument :

BNA_F

ClientSampleId :

GRAVEL

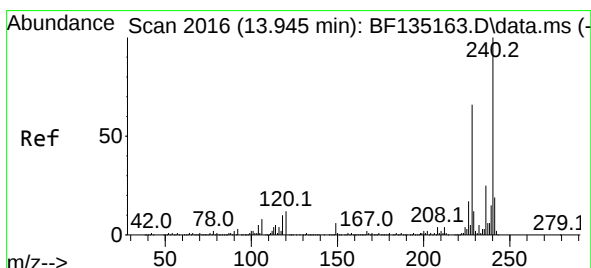
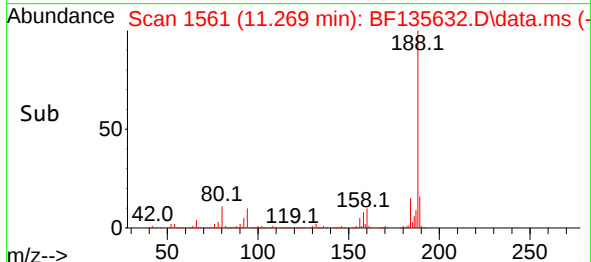
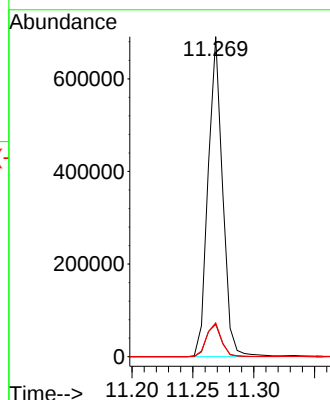
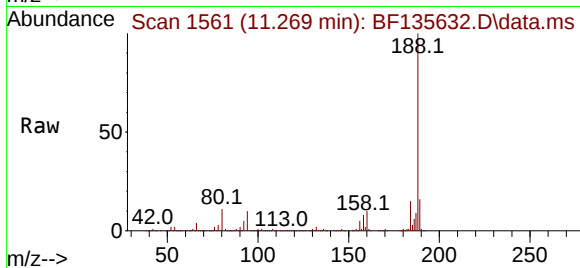
Tgt Ion:188 Resp: 572892

Ion Ratio Lower Upper

188 100

94 10.1 7.0 10.6

80 10.6 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: BF135632.D

Acq: 06 Oct 2023 16:48

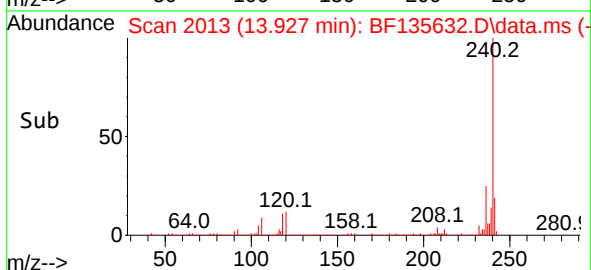
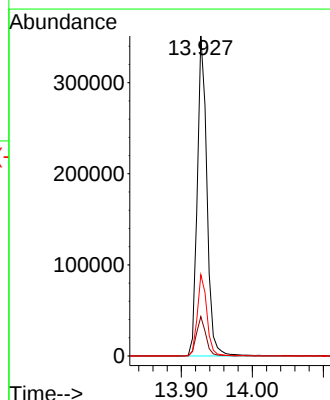
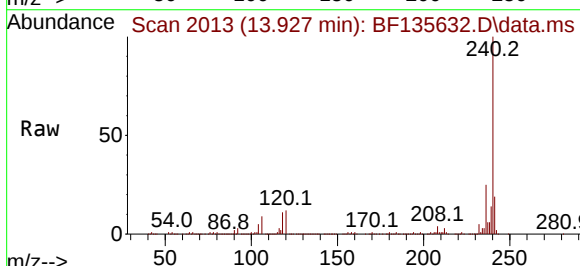
Tgt Ion:240 Resp: 332571

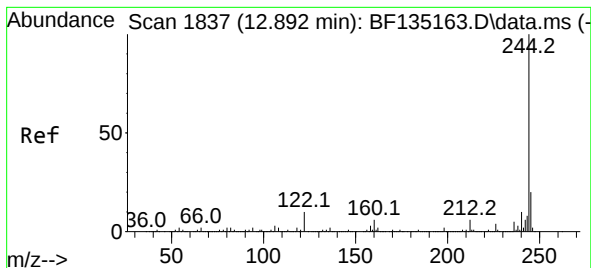
Ion Ratio Lower Upper

240 100

120 12.3 9.4 14.2

236 25.4 19.8 29.8





#79

Terphenyl-d14

Concen: 57.963 ng

RT: 12.869 min Scan# 1833

Delta R.T. 0.006 min

Lab File: BF135632.D

Acq: 06 Oct 2023 16:48

Instrument :

BNA_F

ClientSampleId :

GRAVEL

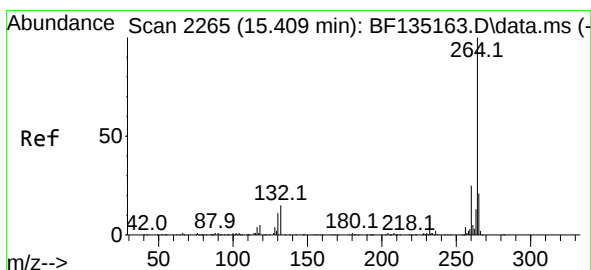
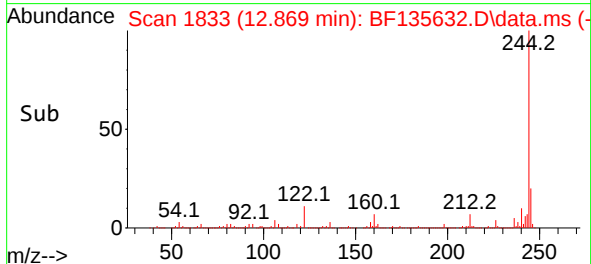
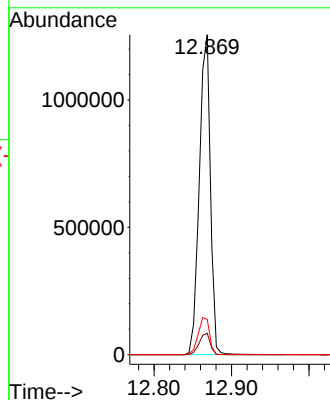
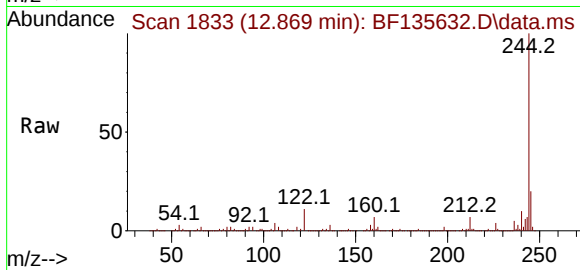
Tgt Ion:244 Resp: 1243522

Ion Ratio Lower Upper

244 100

212 6.7 5.1 7.7

122 11.1 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: BF135632.D

Acq: 06 Oct 2023 16:48

Tgt Ion:264 Resp: 284400

Ion Ratio Lower Upper

264 100

260 23.6 19.8 29.6

265 21.9 17.0 25.4

