

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013124\
 Data File : BF137218.D
 Acq On : 31 Jan 2024 19:00
 Operator : CG\JU
 Sample : P1277-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-39

Quant Time: Feb 01 01:21:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 04:56:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	46221	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	173623	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	92510	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	168938	20.000	ng	0.00
76) Chrysene-d12	13.968	240	146136	20.000	ng	0.00
86) Perylene-d12	15.456	264	117181	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	414009	147.800	ng	0.02
7) Phenol-d6	6.428	99	492139	123.112	ng	0.00
23) Nitrobenzene-d5	7.351	82	364455	93.981	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	149697	143.283	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	653524	97.112	ng	0.00
79) Terphenyl-d14	12.921	244	834644	77.644	ng	0.00

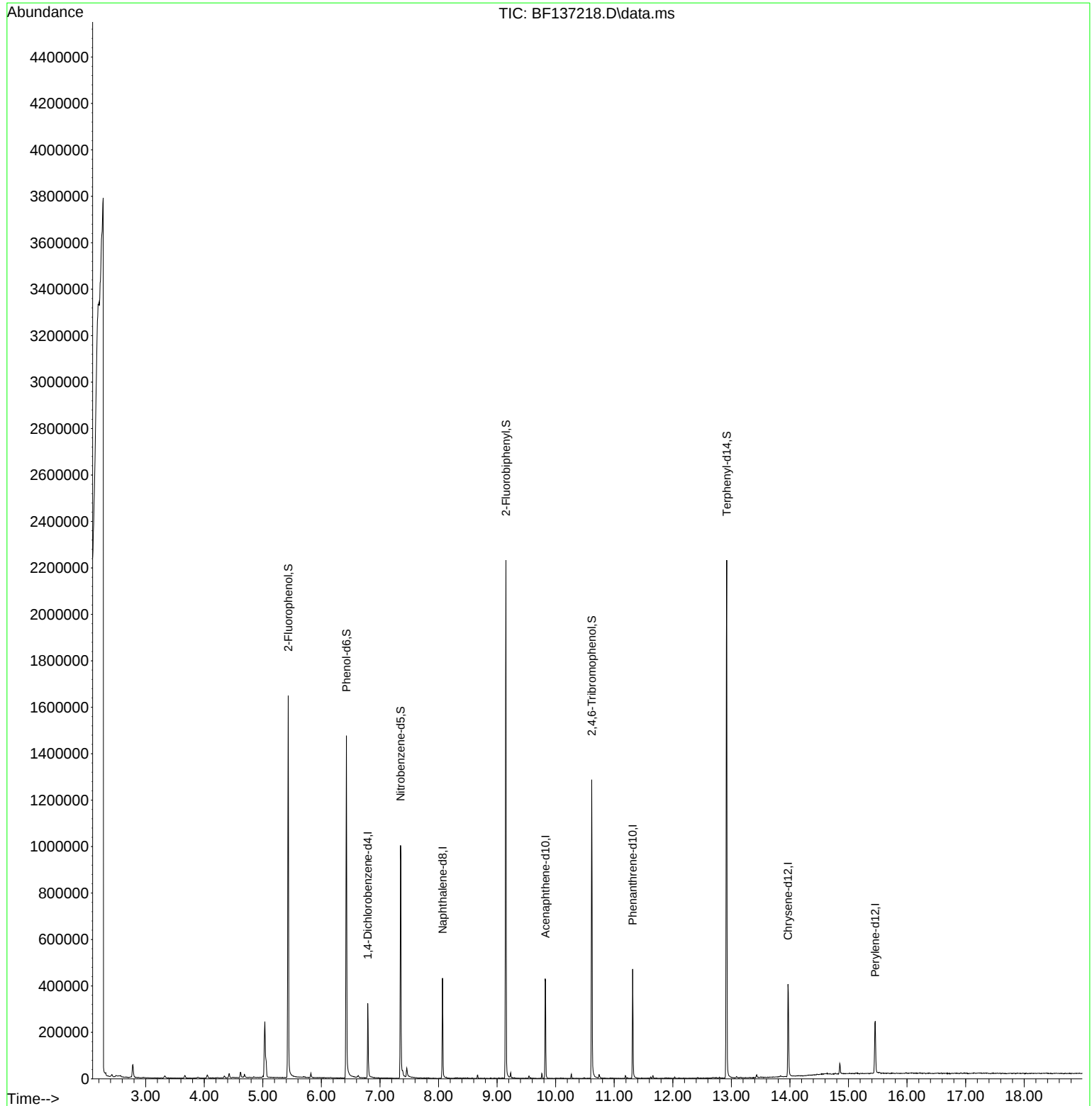
Target Compounds Qvalue

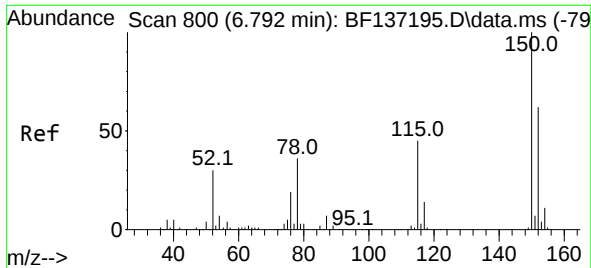
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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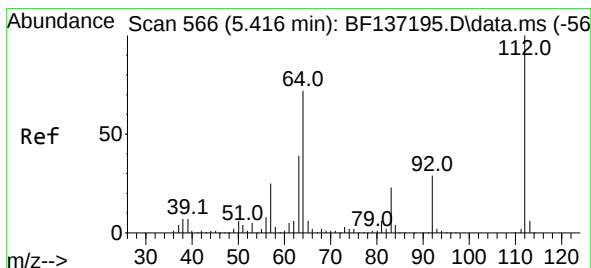
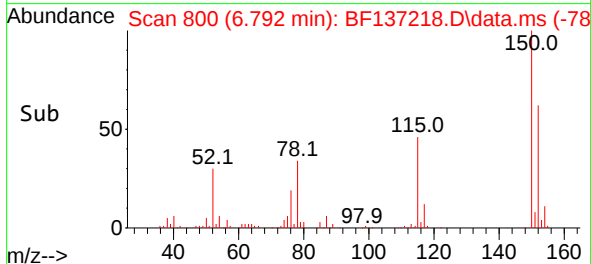
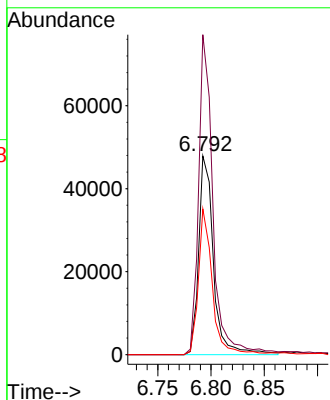
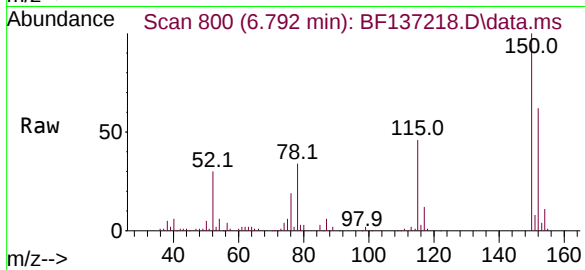




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: BF137218.D
 Acq: 31 Jan 2024 19:00

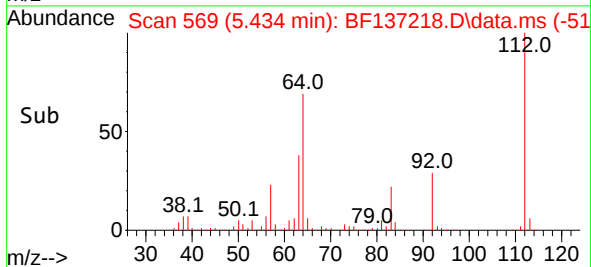
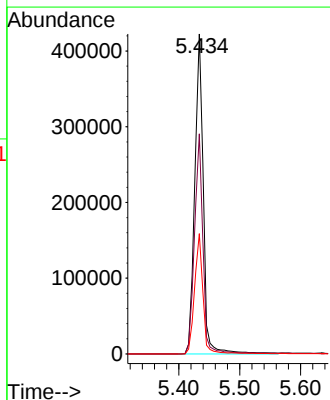
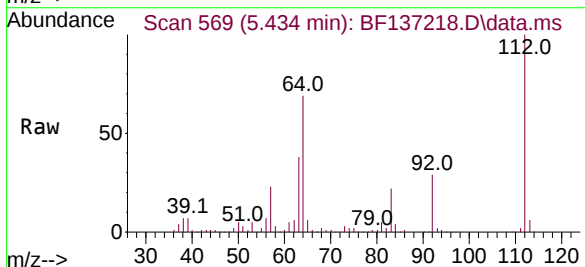
Instrument :
 BNA_F
 ClientSampleId :
 TP-39

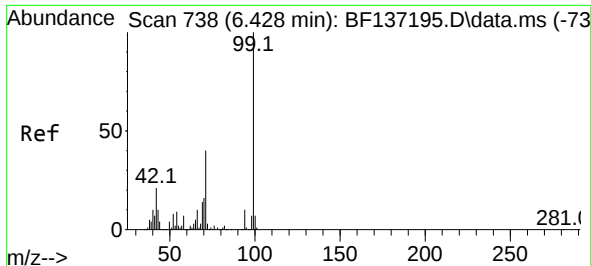
Tgt Ion:152 Resp: 46221
 Ion Ratio Lower Upper
 152 100
 150 161.0 129.8 194.8
 115 73.3 58.5 87.7



#5
 2-Fluorophenol
 Concen: 147.800 ng
 RT: 5.434 min Scan# 569
 Delta R.T. 0.018 min
 Lab File: BF137218.D
 Acq: 31 Jan 2024 19:00

Tgt Ion:112 Resp: 414009
 Ion Ratio Lower Upper
 112 100
 64 68.8 57.8 86.6
 63 37.6 31.4 47.0





#7
Phenol-d6
Concen: 123.112 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.000 min
Lab File: BF137218.D
Acq: 31 Jan 2024 19:00

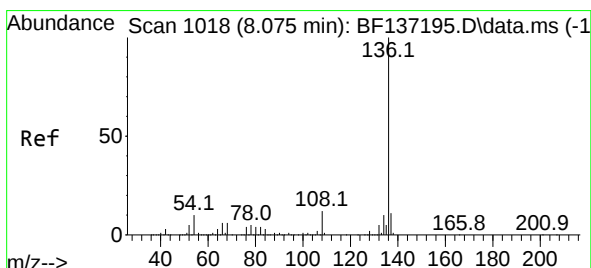
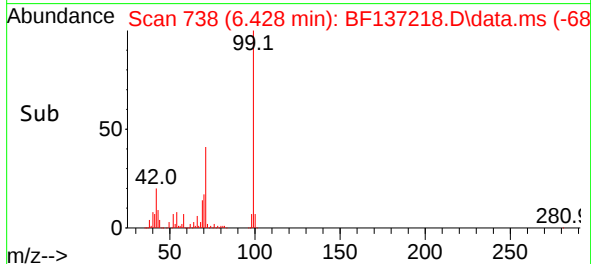
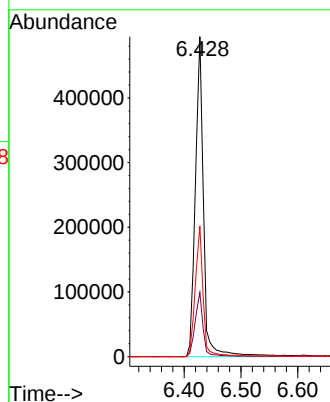
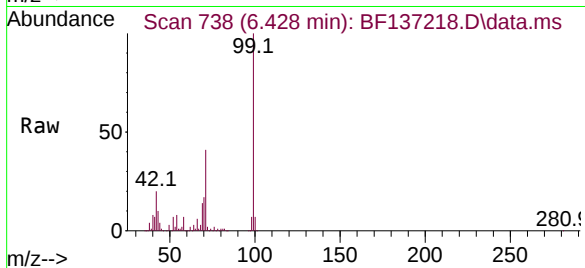
Instrument :

BNA_F

ClientSampleId :

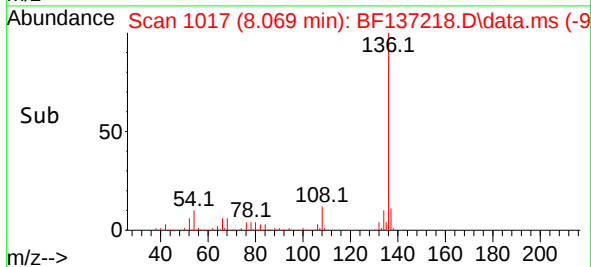
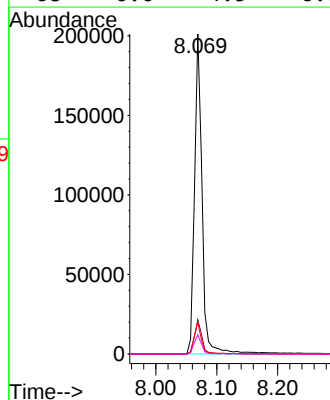
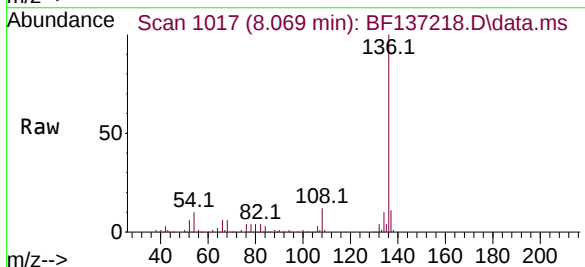
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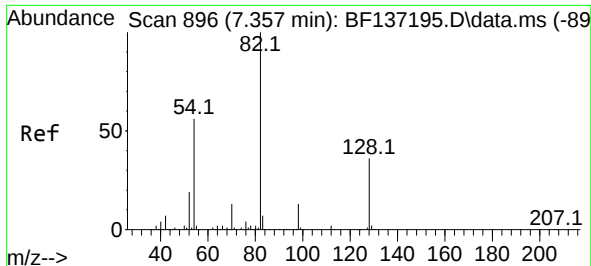
Tgt Ion: 99 Resp: 492139
Ion Ratio Lower Upper
99 100
42 20.0 16.4 24.6
71 40.8 32.4 48.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF137218.D
Acq: 31 Jan 2024 19:00

Tgt Ion: 136 Resp: 173623
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 9.8 7.8 11.8
68 6.0 4.5 6.7

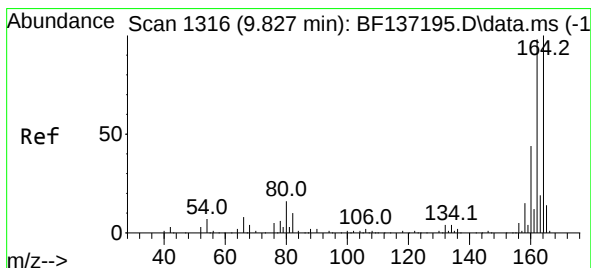
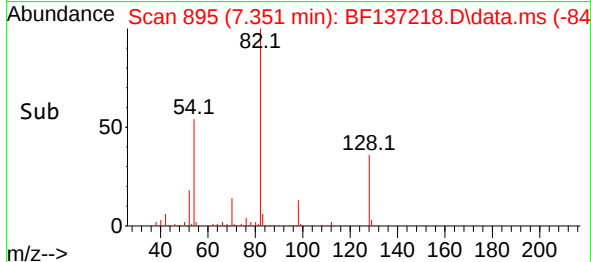
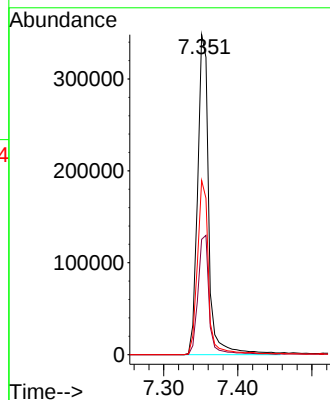
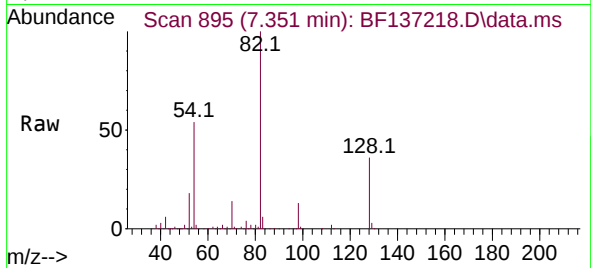




#23
Nitrobenzene-d5
Concen: 93.981 ng
RT: 7.351 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF137218.D
Acq: 31 Jan 2024 19:00

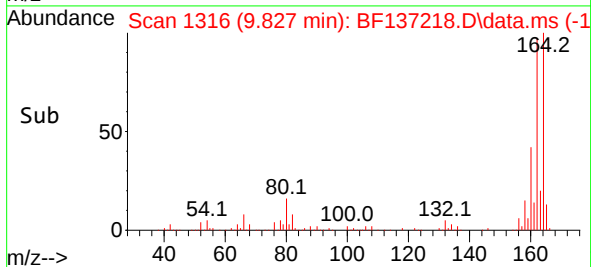
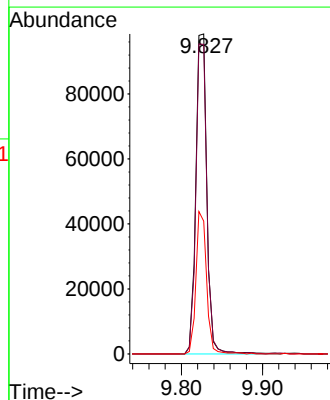
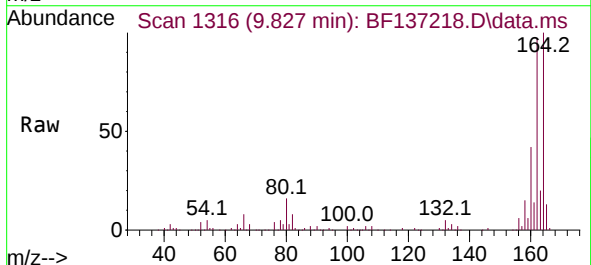
Instrument :
BNA_F
ClientSampleId :
TP-39

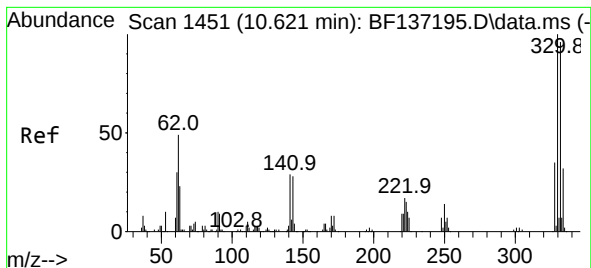
Tgt Ion: 82 Resp: 364455
Ion Ratio Lower Upper
82 100
128 36.0 29.1 43.7
54 54.4 45.0 67.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF137218.D
Acq: 31 Jan 2024 19:00

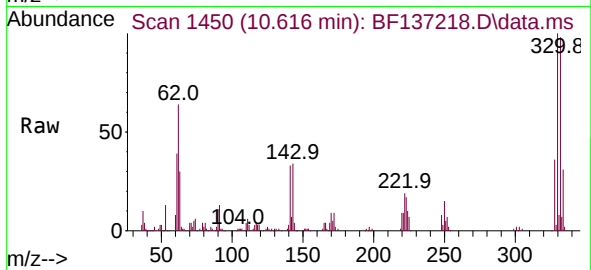
Tgt Ion:164 Resp: 92510
Ion Ratio Lower Upper
164 100
162 96.7 78.3 117.5
160 41.5 35.4 53.2



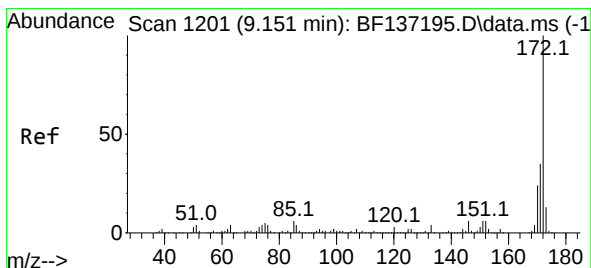
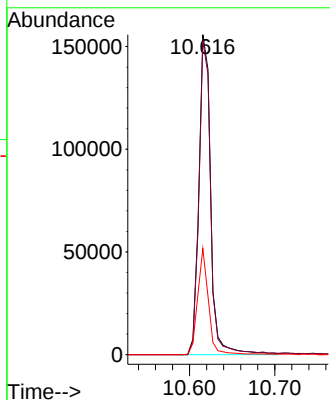
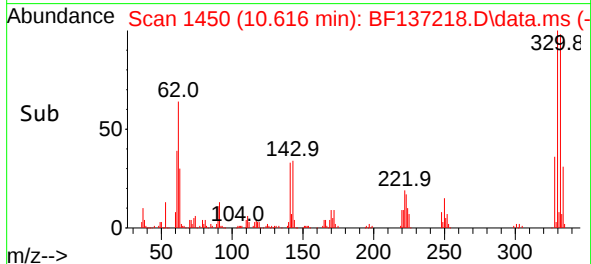


#42
2,4,6-Tribromophenol
Concen: 143.283 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF137218.D
Acq: 31 Jan 2024 19:00

Instrument :
BNA_F
ClientSampleId :
TP-39

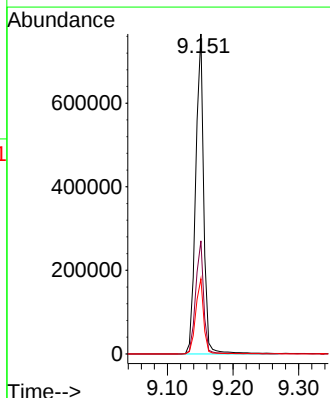
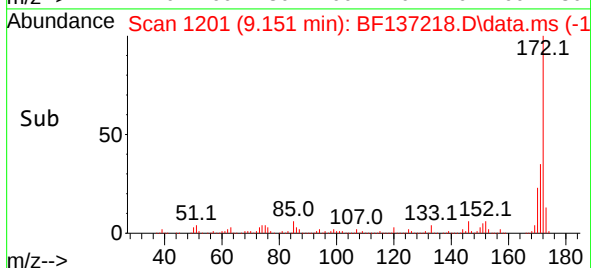
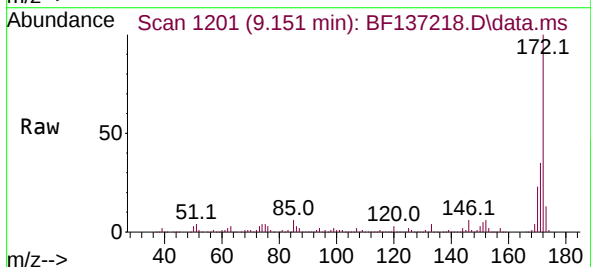


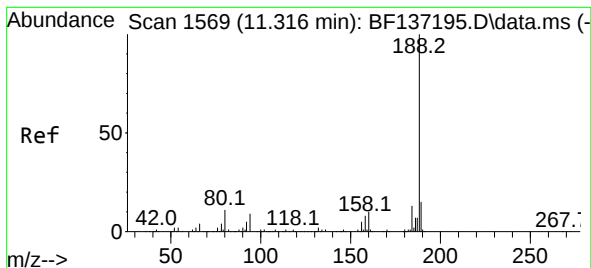
Tgt Ion:330 Resp: 149697
Ion Ratio Lower Upper
330 100
332 98.2 77.3 115.9
141 30.0 25.2 37.8



#45
2-Fluorobiphenyl
Concen: 97.112 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BF137218.D
Acq: 31 Jan 2024 19:00

Tgt Ion:172 Resp: 653524
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.5 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF137218.D

Acq: 31 Jan 2024 19:00

Instrument :

BNA_F

ClientSampleId :

TP-39

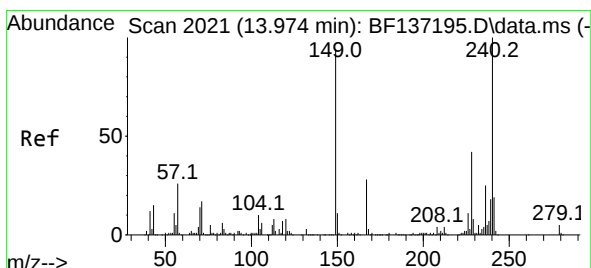
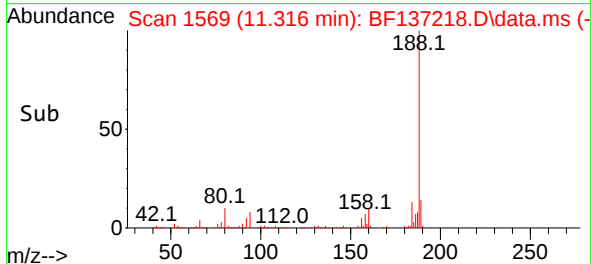
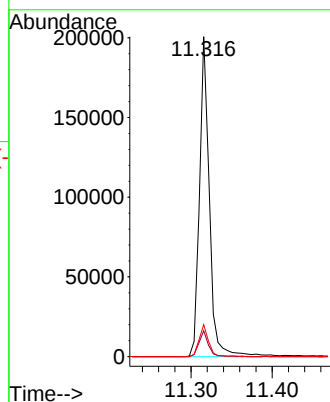
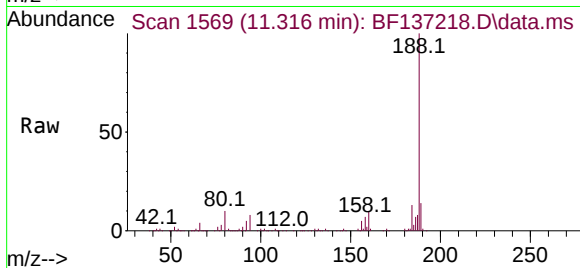
Tgt Ion:188 Resp: 168938

Ion Ratio Lower Upper

188 100

94 8.1 7.0 10.4

80 10.0 8.8 13.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 2020

Delta R.T. -0.006 min

Lab File: BF137218.D

Acq: 31 Jan 2024 19:00

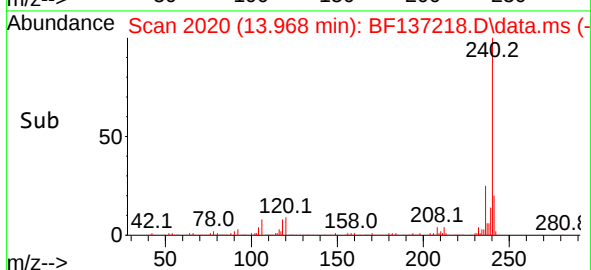
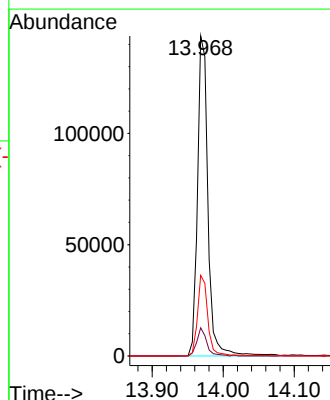
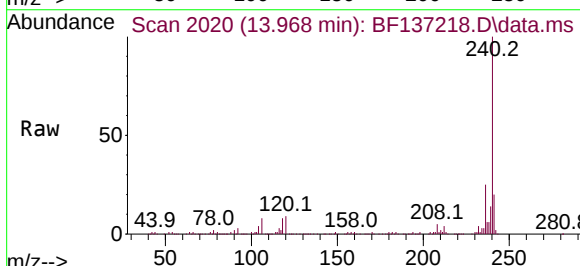
Tgt Ion:240 Resp: 146136

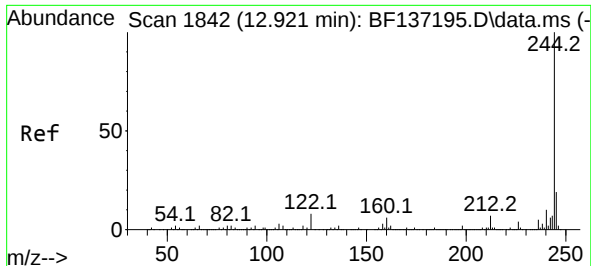
Ion Ratio Lower Upper

240 100

120 8.8 6.3 9.5

236 25.2 20.3 30.5

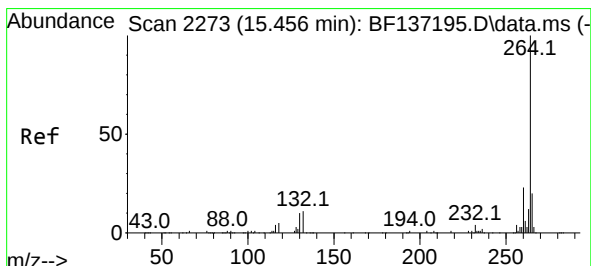
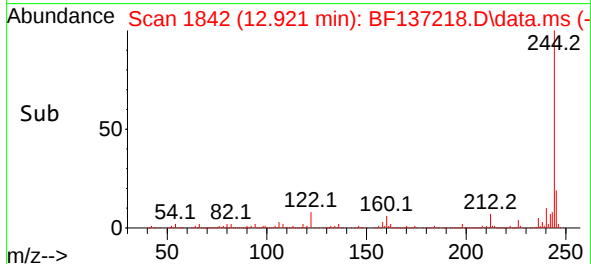
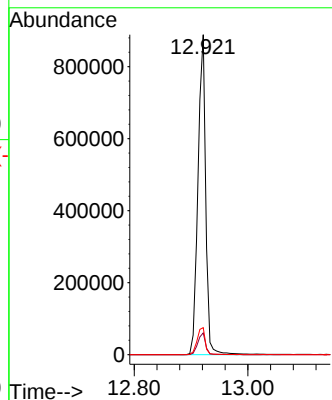
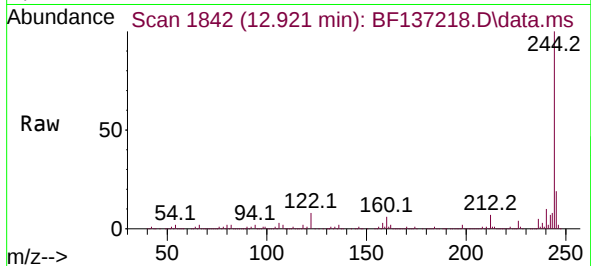




#79
 Terphenyl-d14
 Concen: 77.644 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. 0.000 min
 Lab File: BF137218.D
 Acq: 31 Jan 2024 19:00

Instrument :
 BNA_F
 ClientSampleId :
 TP-39

Tgt Ion:244 Resp: 834644
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 8.4 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.456 min Scan# 2273
 Delta R.T. 0.000 min
 Lab File: BF137218.D
 Acq: 31 Jan 2024 19:00

Tgt Ion:264 Resp: 117181
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.2 27.4
 265 20.3 16.2 24.2

