

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013124\
 Data File : BF137215.D
 Acq On : 31 Jan 2024 17:32
 Operator : CG\JU
 Sample : P1276-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-36

Quant Time: Feb 01 01:20:07 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	49157	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	182713	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	98900	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	181363	20.000	ng	0.00
76) Chrysene-d12	13.968	240	143132	20.000	ng	0.00
86) Perylene-d12	15.451	264	114249	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	403139	135.324	ng	0.02
7) Phenol-d6	6.428	99	481008	113.140	ng	0.00
23) Nitrobenzene-d5	7.351	82	364924	89.420	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	147824	132.348	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	651962	90.620	ng	0.00
79) Terphenyl-d14	12.921	244	771830	73.307	ng	0.00

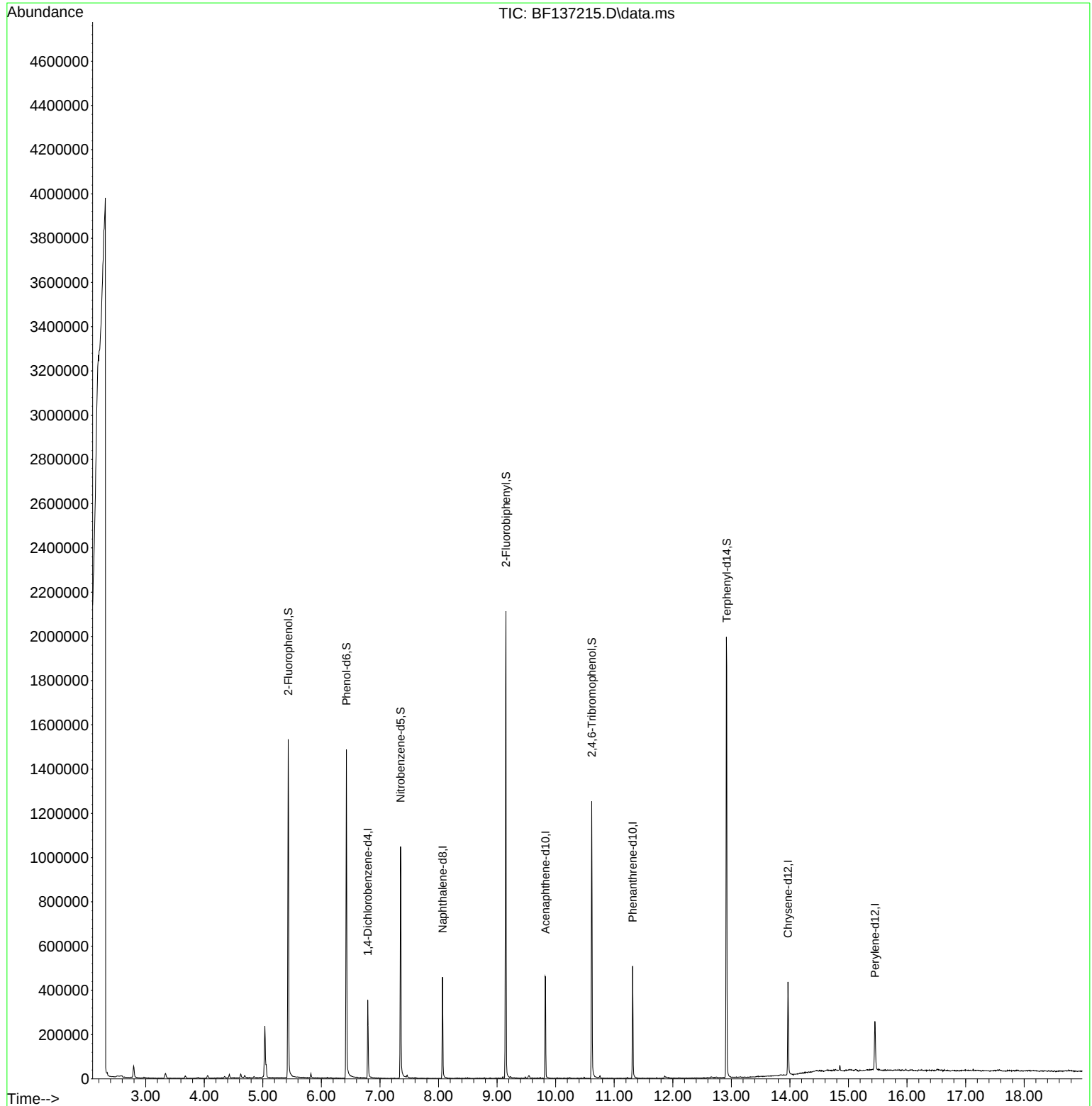
Target Compounds	Qvalue

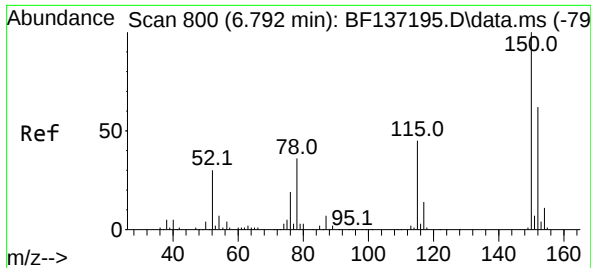
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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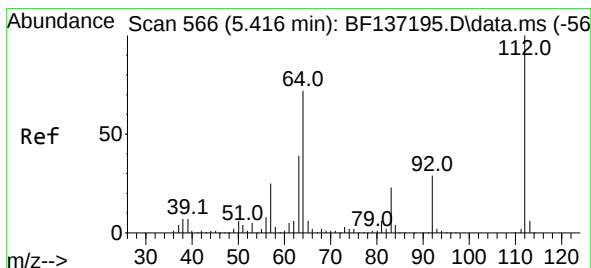
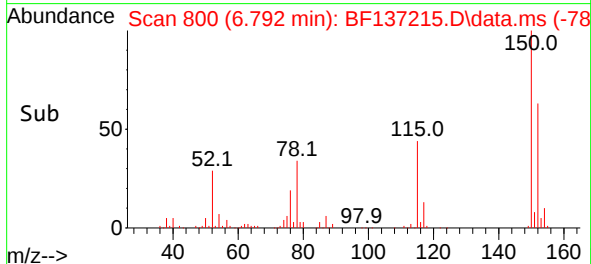
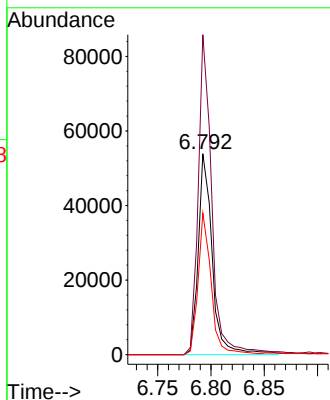
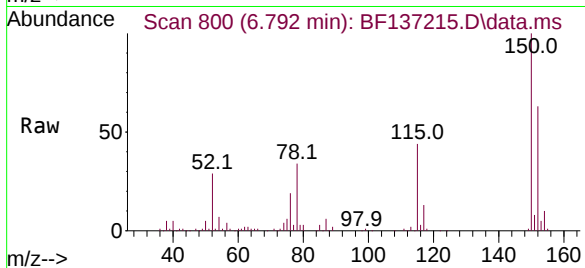




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF137215.D
Acq: 31 Jan 2024 17:32

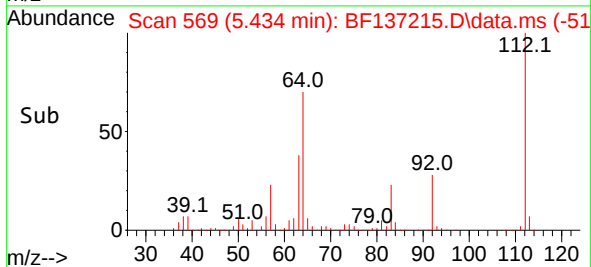
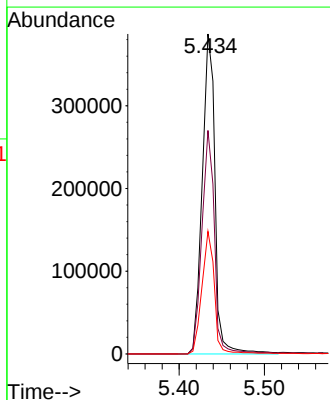
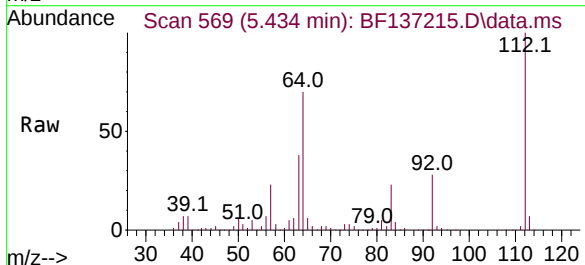
Instrument :
BNA_F
ClientSampleId :
TP-36

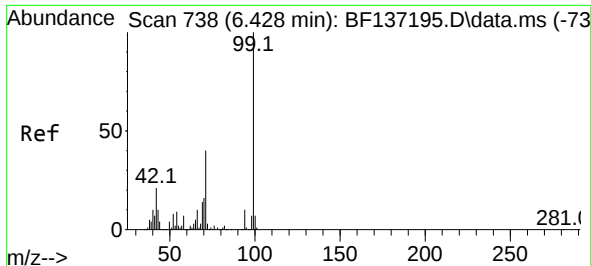
Tgt Ion:152 Resp: 49157
Ion Ratio Lower Upper
152 100
150 159.3 129.8 194.8
115 70.4 58.5 87.7



#5
2-Fluorophenol
Concen: 135.324 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.018 min
Lab File: BF137215.D
Acq: 31 Jan 2024 17:32

Tgt Ion:112 Resp: 403139
Ion Ratio Lower Upper
112 100
64 69.8 57.8 86.6
63 38.3 31.4 47.0

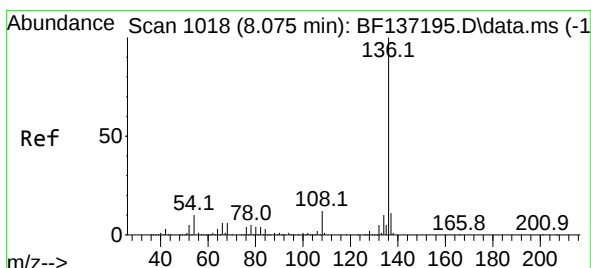
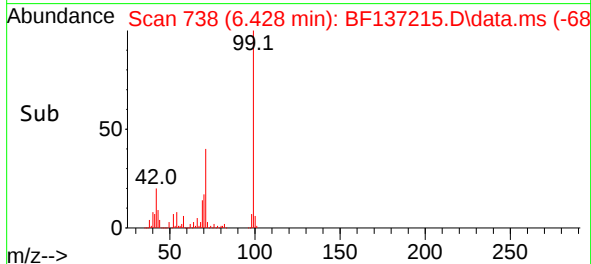
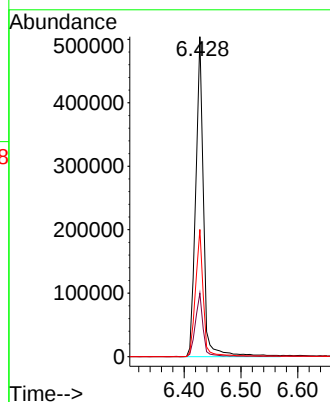
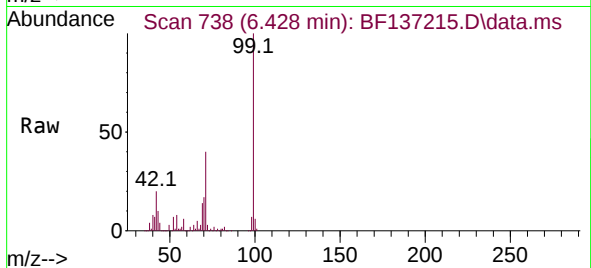




#7
Phenol-d6
Concen: 113.140 ng
RT: 6.428 min Scan# 738
Delta R.T. 0.000 min
Lab File: BF137215.D
Acq: 31 Jan 2024 17:32

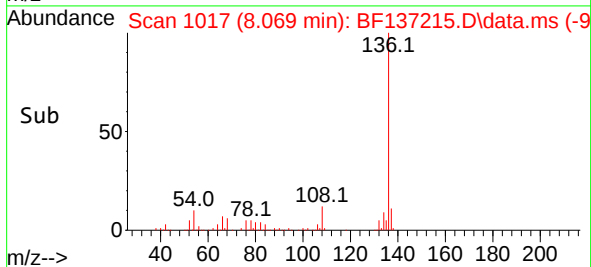
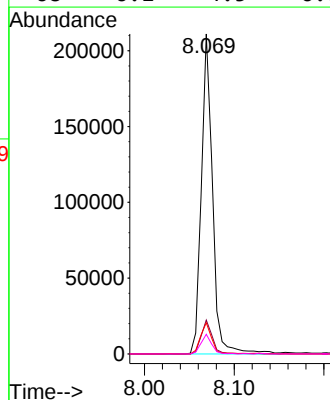
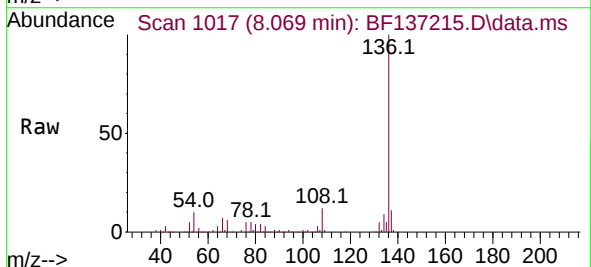
Instrument :
BNA_F
ClientSampleId :
TP-36

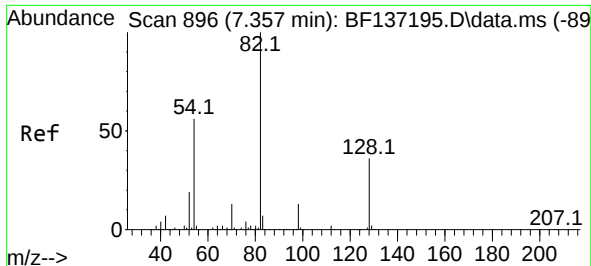
Tgt Ion: 99 Resp: 481008
Ion Ratio Lower Upper
99 100
42 19.8 16.4 24.6
71 39.7 32.4 48.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF137215.D
Acq: 31 Jan 2024 17:32

Tgt Ion: 136 Resp: 182713
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 9.7 7.8 11.8
68 6.1 4.5 6.7

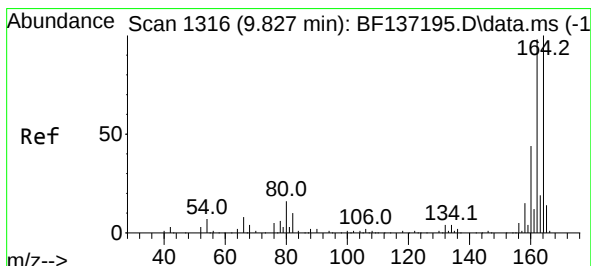
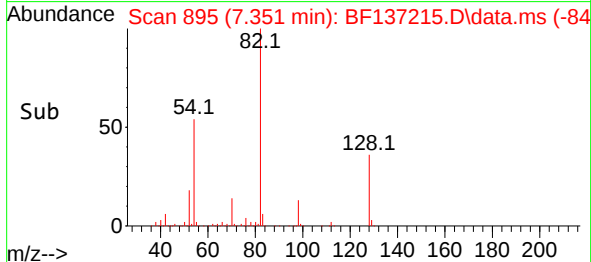
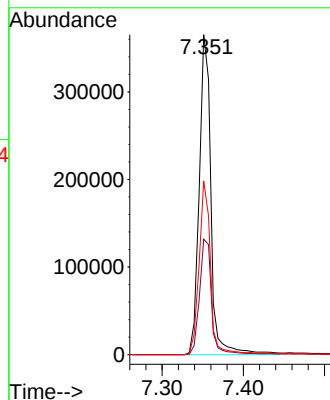
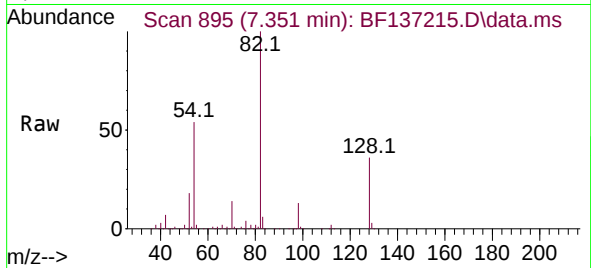




#23
Nitrobenzene-d5
Concen: 89.420 ng
RT: 7.351 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF137215.D
Acq: 31 Jan 2024 17:32

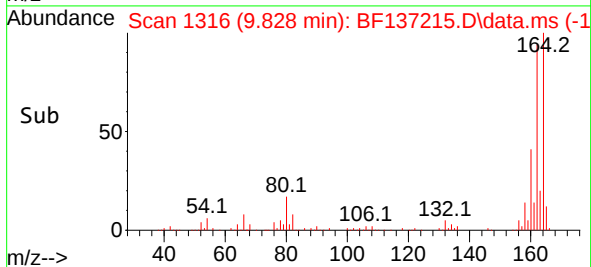
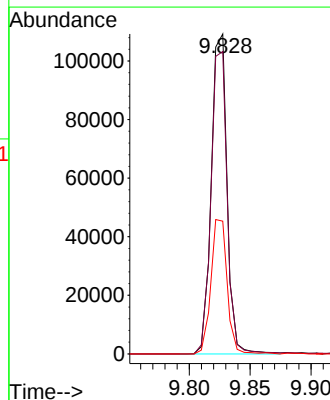
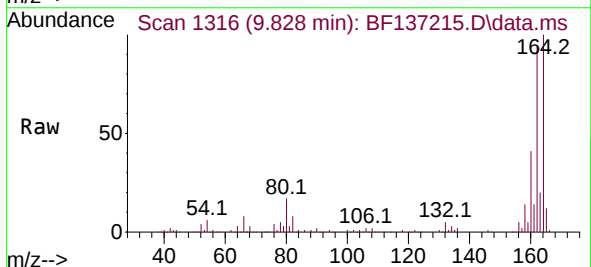
Instrument :
BNA_F
ClientSampleId :
TP-36

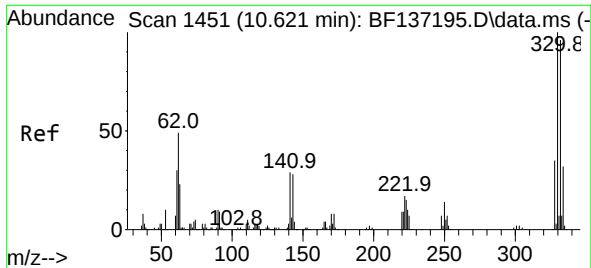
Tgt Ion: 82 Resp: 364924
Ion Ratio Lower Upper
82 100
128 36.1 29.1 43.7
54 54.3 45.0 67.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.001 min
Lab File: BF137215.D
Acq: 31 Jan 2024 17:32

Tgt Ion:164 Resp: 98900
Ion Ratio Lower Upper
164 100
162 94.5 78.3 117.5
160 41.5 35.4 53.2

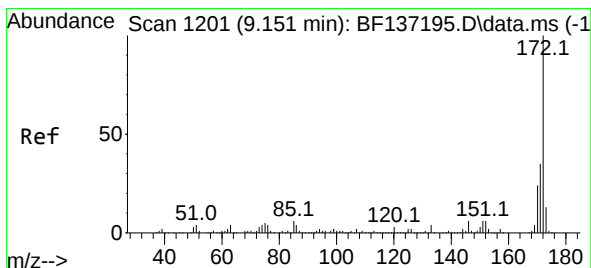
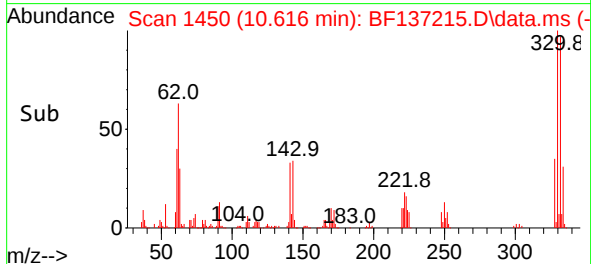
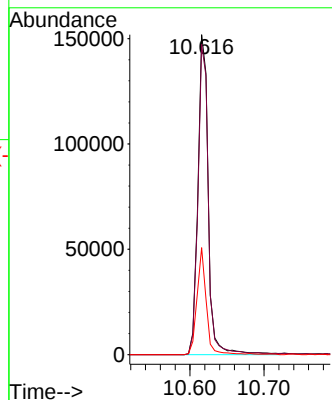
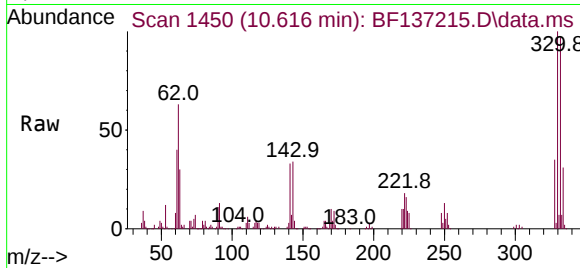




#42
 2,4,6-Tribromophenol
 Concen: 132.348 ng
 RT: 10.616 min Scan# 1451
 Delta R.T. -0.006 min
 Lab File: BF137215.D
 Acq: 31 Jan 2024 17:32

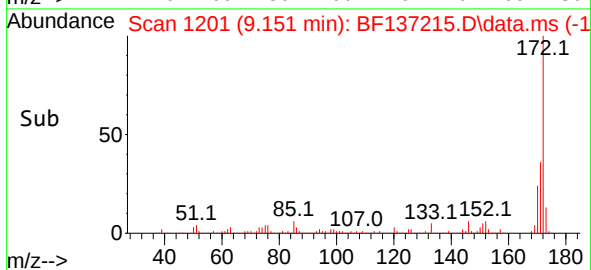
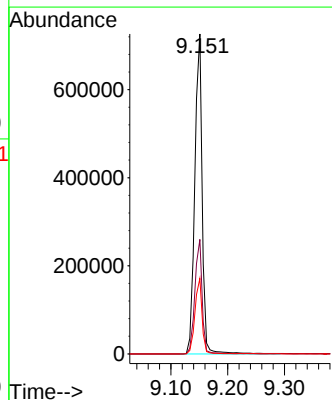
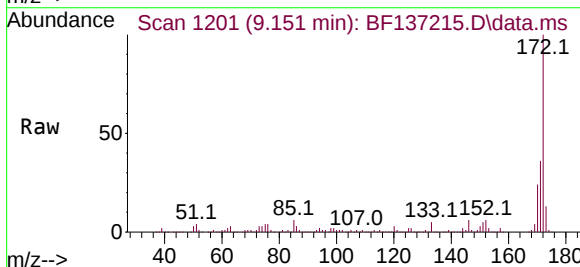
Instrument :
 BNA_F
 ClientSampleId :
 TP-36

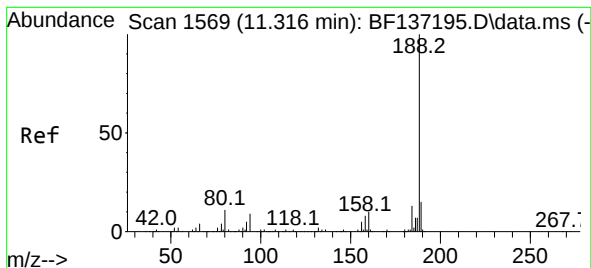
Tgt Ion: 330 Resp: 147824
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.3 115.9
 141 30.0 25.2 37.8



#45
 2-Fluorobiphenyl
 Concen: 90.620 ng
 RT: 9.151 min Scan# 1201
 Delta R.T. 0.000 min
 Lab File: BF137215.D
 Acq: 31 Jan 2024 17:32

Tgt Ion: 172 Resp: 651962
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.3 42.5
 170 23.6 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF137215.D

Acq: 31 Jan 2024 17:32

Instrument :

BNA_F

ClientSampleId :

TP-36

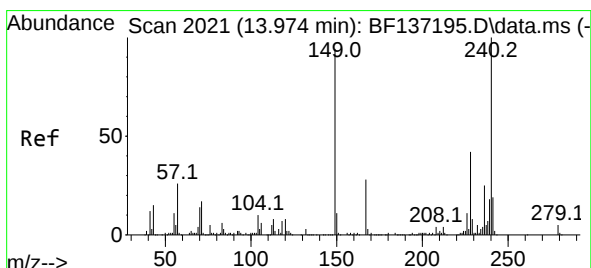
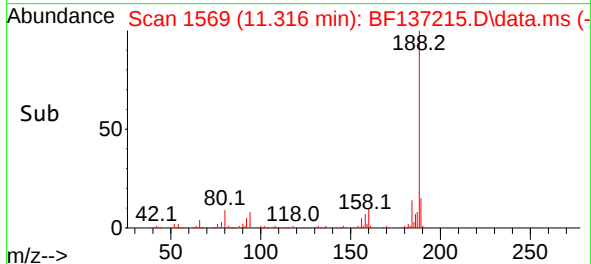
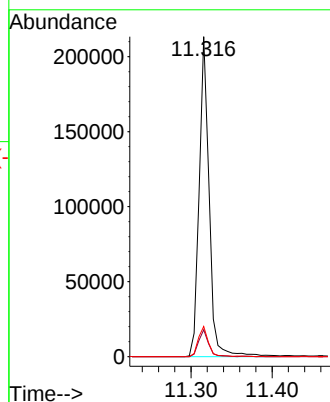
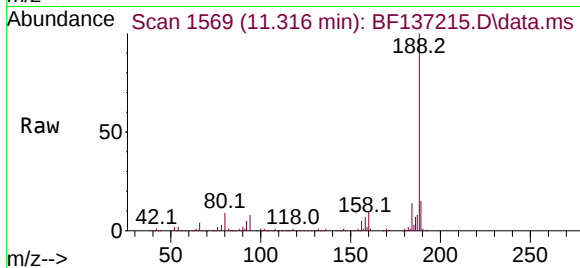
Tgt Ion:188 Resp: 181363

Ion Ratio Lower Upper

188 100

94 8.4 7.0 10.4

80 9.4 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: BF137215.D

Acq: 31 Jan 2024 17:32

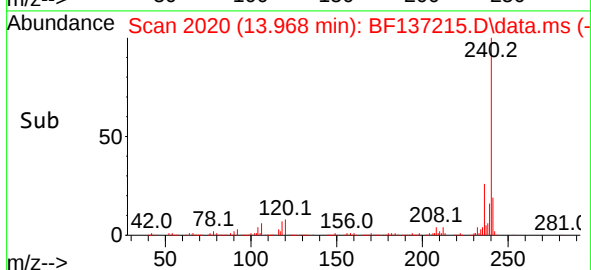
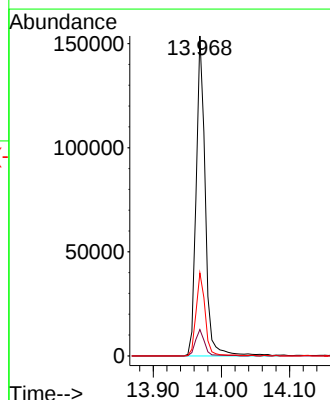
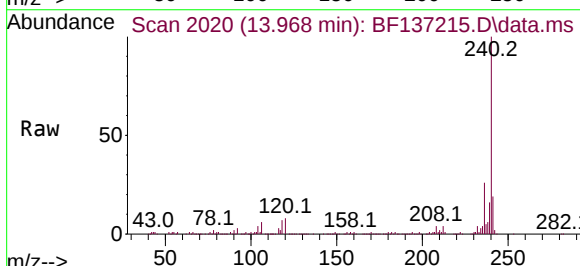
Tgt Ion:240 Resp: 143132

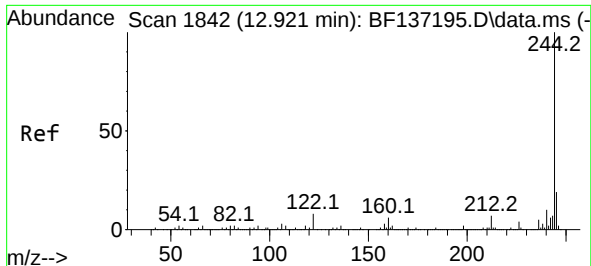
Ion Ratio Lower Upper

240 100

120 8.3 6.3 9.5

236 25.9 20.3 30.5

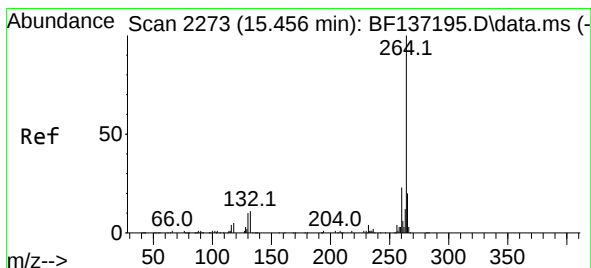
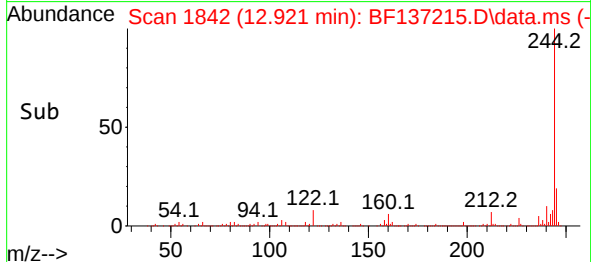
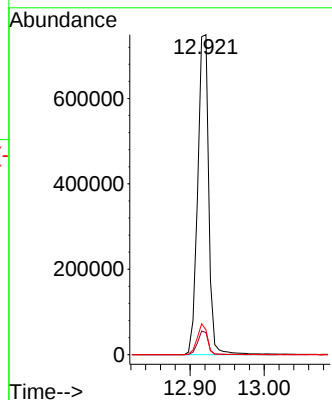
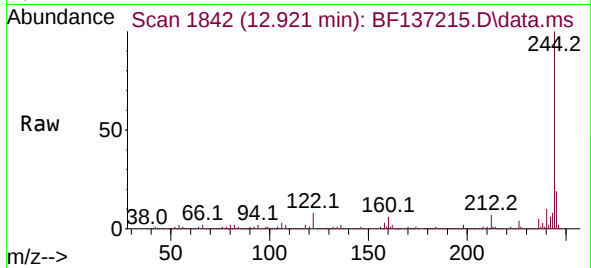




#79
 Terphenyl-d14
 Concen: 73.307 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. 0.000 min
 Lab File: BF137215.D
 Acq: 31 Jan 2024 17:32

Instrument :
 BNA_F
 ClientSampleId :
 TP-36

Tgt Ion:244 Resp: 771830
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 7.7 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2272
 Delta R.T. -0.006 min
 Lab File: BF137215.D
 Acq: 31 Jan 2024 17:32

Tgt Ion:264 Resp: 114249
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.2 27.4
 265 21.0 16.2 24.2

