

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032124\
 Data File : BF137668.D
 Acq On : 21 Mar 2024 18:56
 Operator : CG\JU
 Sample : P1814-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Quant Time: Mar 22 01:41:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 14:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	132332	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	505616	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	260500	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	378511	20.000	ng	0.00
76) Chrysene-d12	13.874	240	314439	20.000	ng	0.00
86) Perylene-d12	15.298	264	297202	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	760379	87.025	ng	0.00
7) Phenol-d6	6.363	99	1007869	79.912	ng	0.00
23) Nitrobenzene-d5	7.286	82	586887	53.933	ng	-0.01
42) 2,4,6-Tribromophenol	10.545	330	172790	75.532	ng	0.00
45) 2-Fluorobiphenyl	9.080	172	1036206	62.266	ng	0.00
79) Terphenyl-d14	12.827	244	902136	39.452	ng	0.00

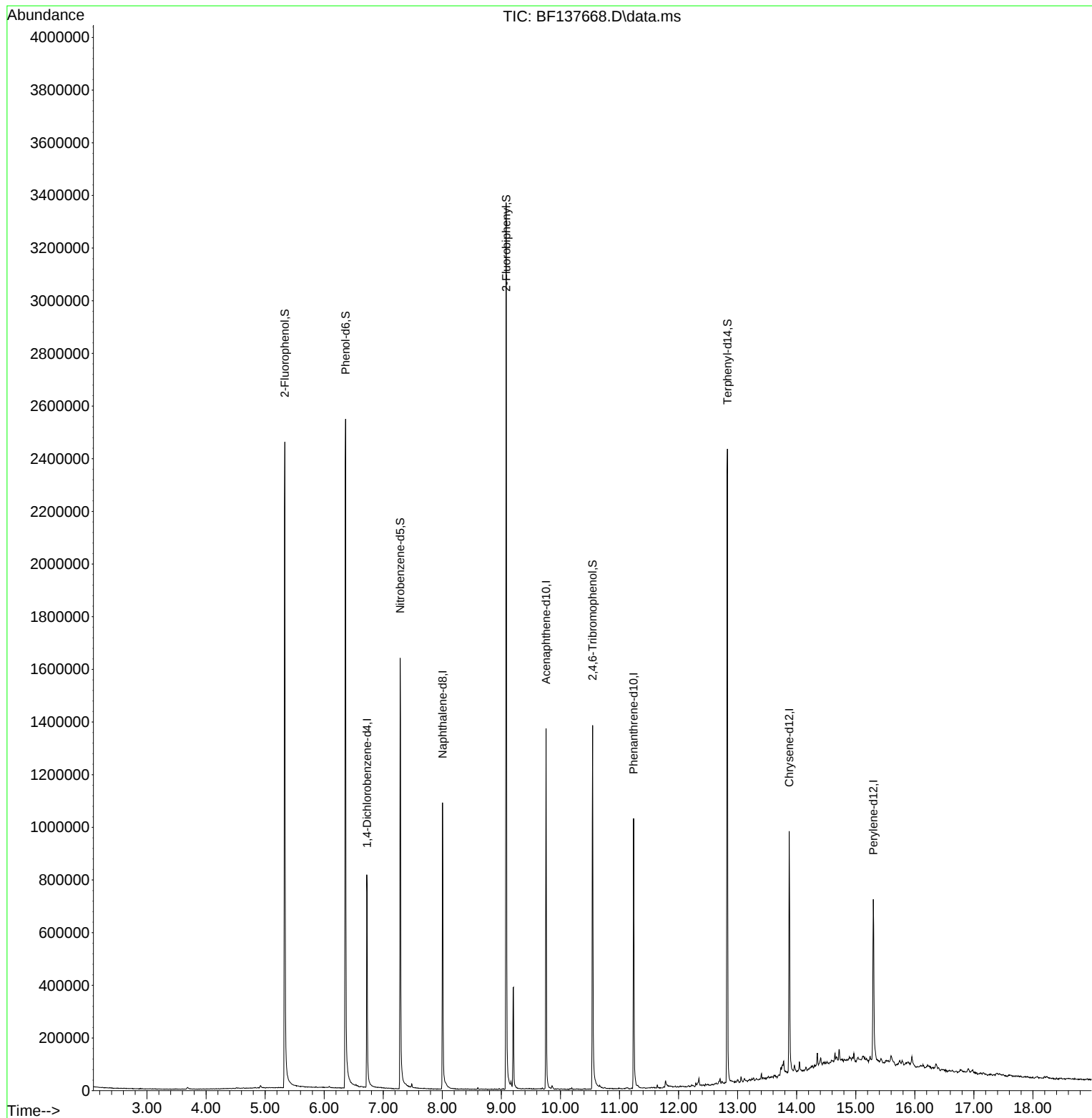
Target Compounds	Qvalue

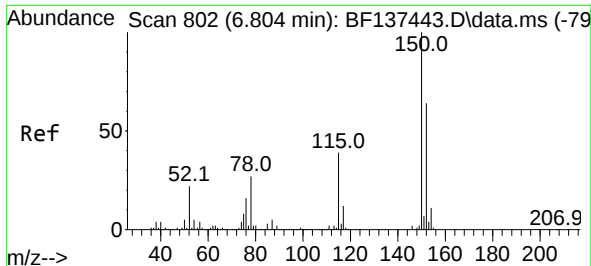
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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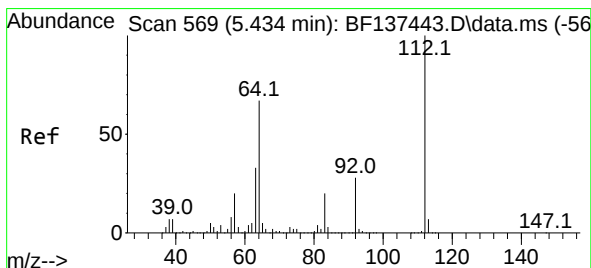
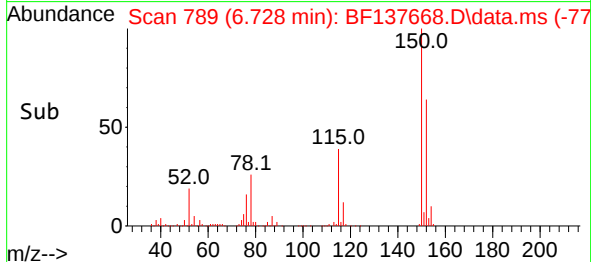
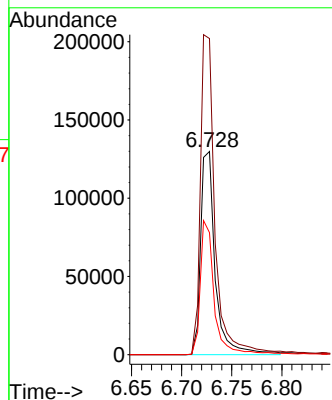
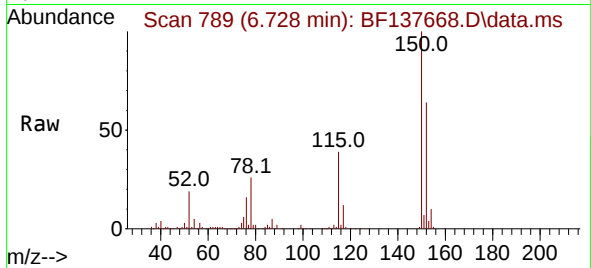




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137668.D
Acq: 21 Mar 2024 18:56

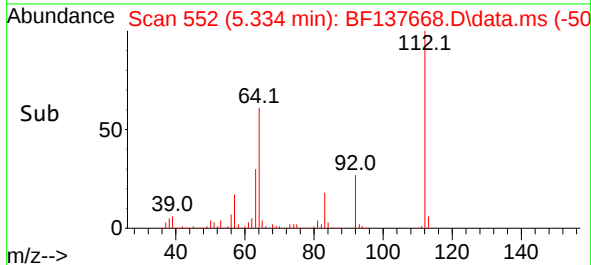
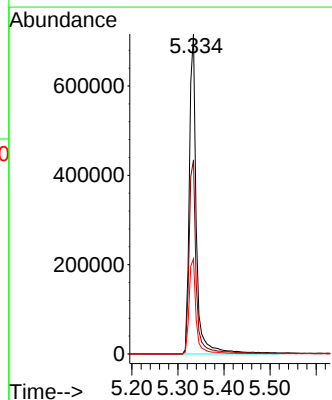
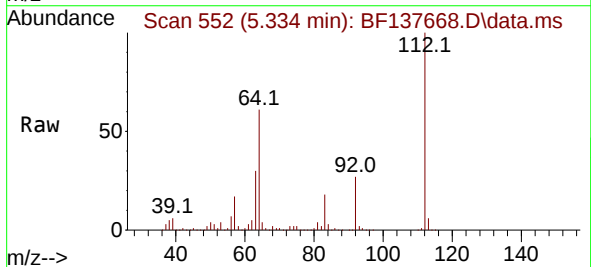
Instrument :
BNA_F
ClientSampleId :
TP-6

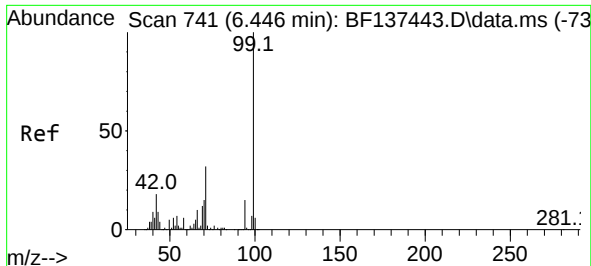
Tgt Ion:152 Resp: 132332
Ion Ratio Lower Upper
152 100
150 155.6 125.8 188.6
115 60.1 48.8 73.2



#5
2-Fluorophenol
Concen: 87.025 ng
RT: 5.334 min Scan# 552
Delta R.T. -0.000 min
Lab File: BF137668.D
Acq: 21 Mar 2024 18:56

Tgt Ion:112 Resp: 760379
Ion Ratio Lower Upper
112 100
64 60.7 53.4 80.2
63 29.7 26.2 39.2

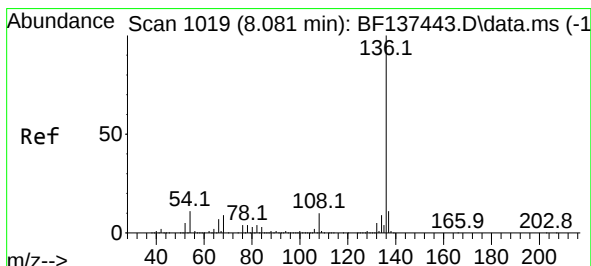
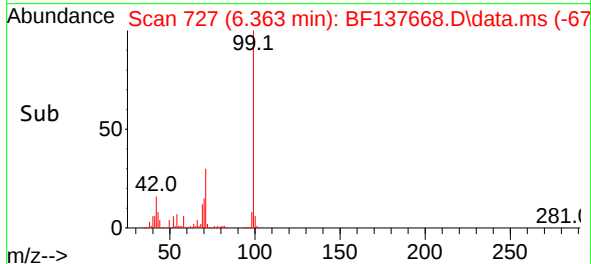
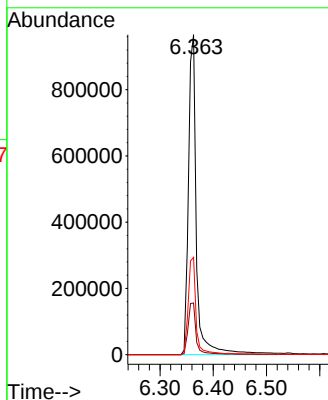
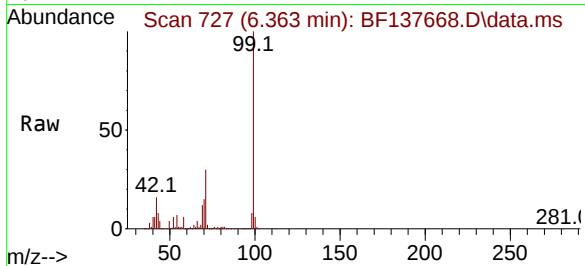




#7
Phenol-d6
Concen: 79.912 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137668.D
Acq: 21 Mar 2024 18:56

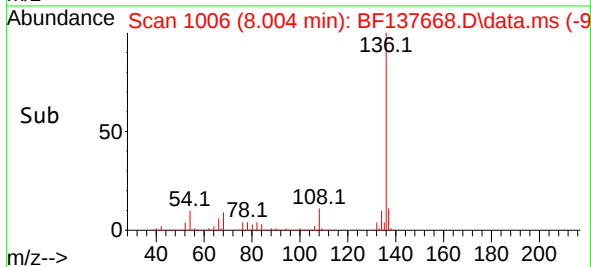
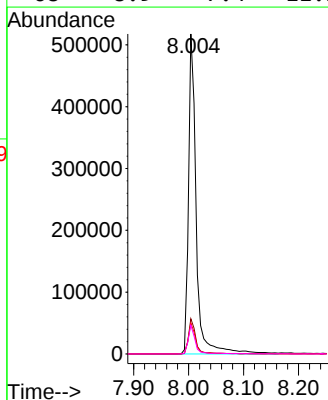
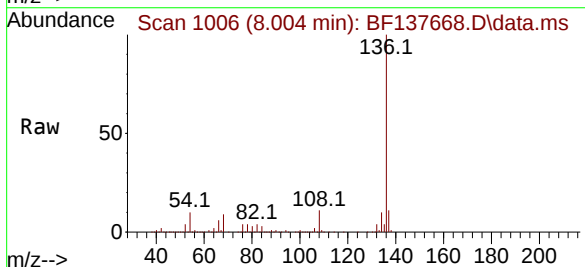
Instrument :
BNA_F
ClientSampleId :
TP-6

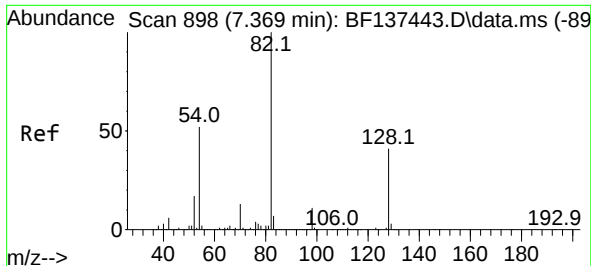
Tgt Ion: 99 Resp: 1007869
Ion Ratio Lower Upper
99 100
42 16.2 14.6 21.8
71 30.4 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF137668.D
Acq: 21 Mar 2024 18:56

Tgt Ion: 136 Resp: 505616
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 9.7 8.5 12.7
68 8.9 7.4 11.2

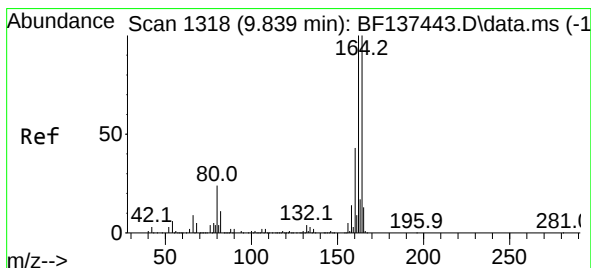
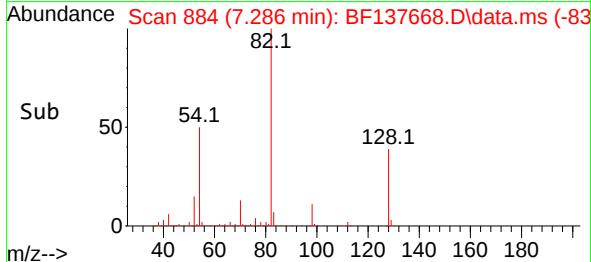
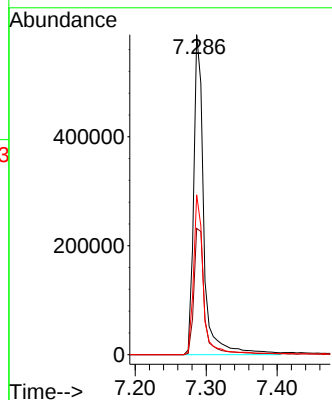
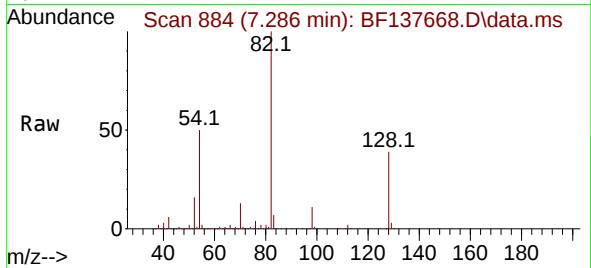




#23
Nitrobenzene-d5
Concen: 53.933 ng
RT: 7.286 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF137668.D
Acq: 21 Mar 2024 18:56

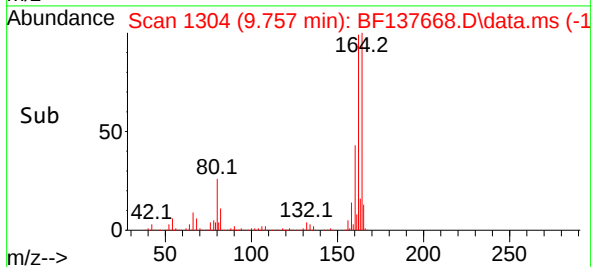
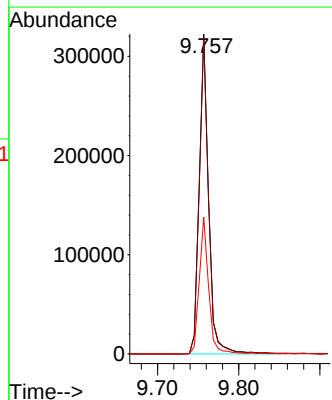
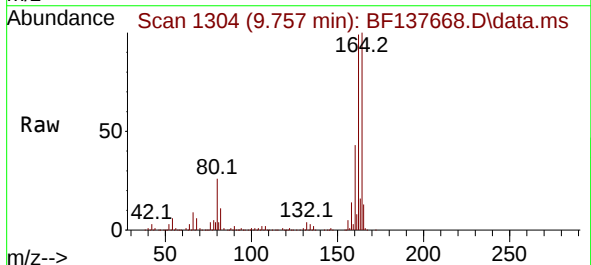
Instrument :
BNA_F
ClientSampleId :
TP-6

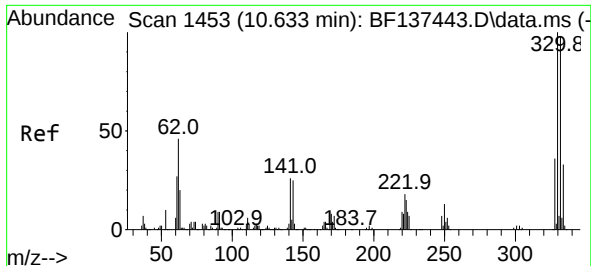
Tgt Ion: 82 Resp: 586887
Ion Ratio Lower Upper
82 100
128 39.4 32.5 48.7
54 50.0 41.5 62.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF137668.D
Acq: 21 Mar 2024 18:56

Tgt Ion:164 Resp: 260500
Ion Ratio Lower Upper
164 100
162 99.0 79.8 119.8
160 42.8 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 75.532 ng

RT: 10.545 min Scan# 1453

Delta R.T. -0.006 min

Lab File: BF137668.D

Acq: 21 Mar 2024 18:56

Instrument :

BNA_F

ClientSampleId :

TP-6

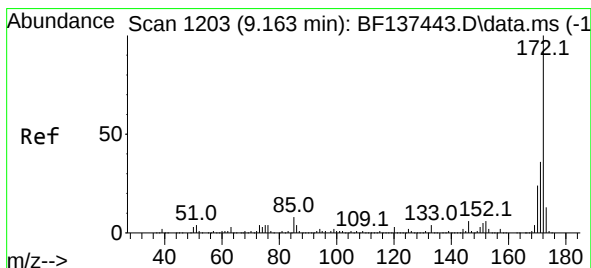
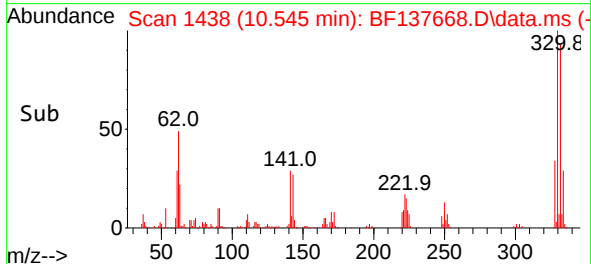
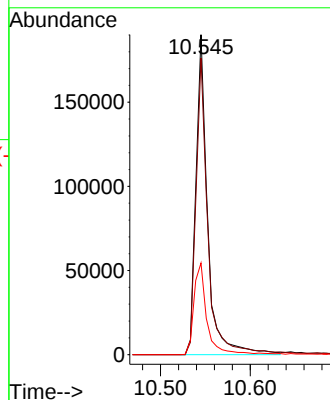
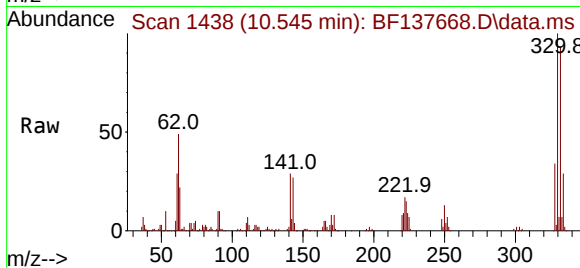
Tgt Ion:330 Resp: 172790

Ion Ratio Lower Upper

330 100

332 94.5 78.0 117.0

141 32.1 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 62.266 ng

RT: 9.080 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF137668.D

Acq: 21 Mar 2024 18:56

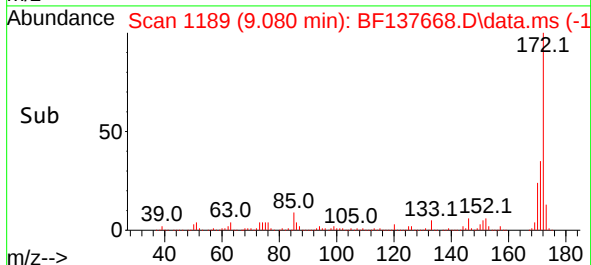
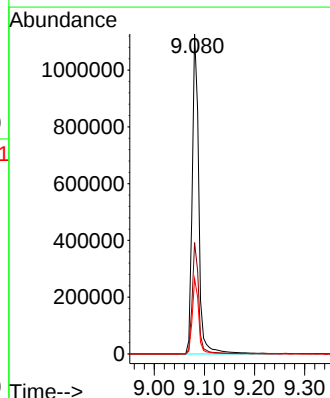
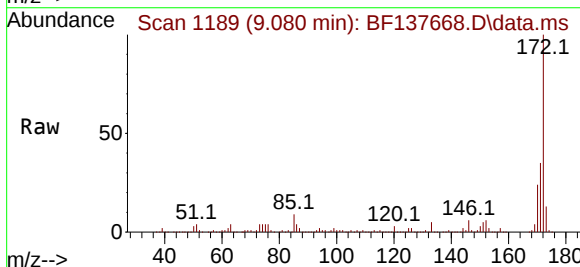
Tgt Ion:172 Resp: 1036206

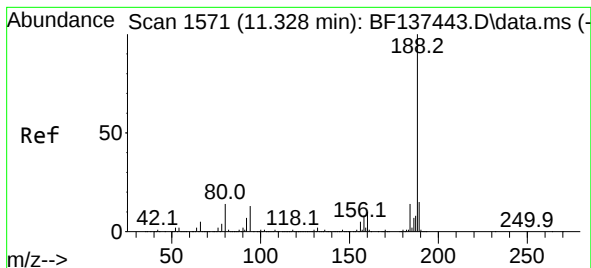
Ion Ratio Lower Upper

172 100

171 34.8 28.5 42.7

170 23.5 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.239 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF137668.D

Acq: 21 Mar 2024 18:56

Instrument :

BNA_F

ClientSampleId :

TP-6

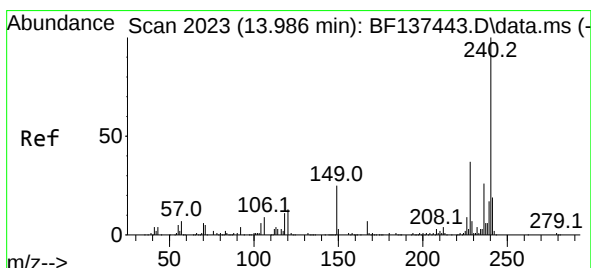
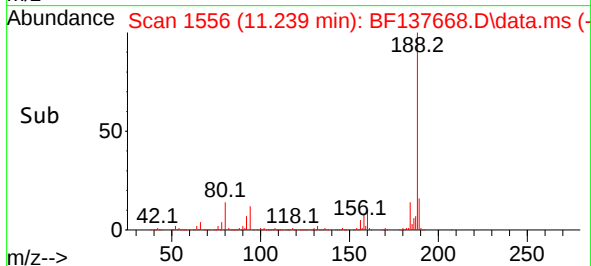
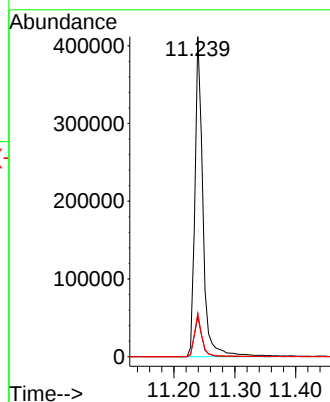
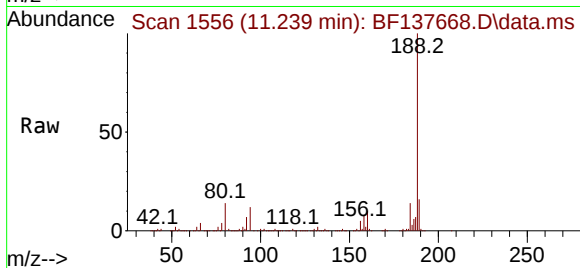
Tgt Ion:188 Resp: 378511

Ion Ratio Lower Upper

188 100

94 12.5 10.6 15.8

80 13.6 11.5 17.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.874 min Scan# 2004

Delta R.T. -0.000 min

Lab File: BF137668.D

Acq: 21 Mar 2024 18:56

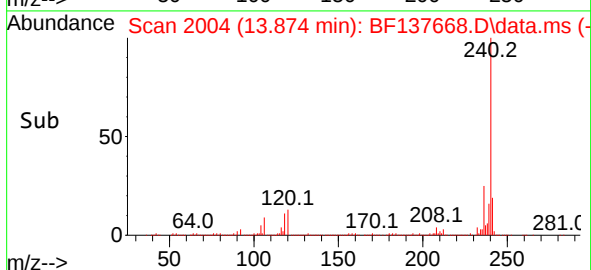
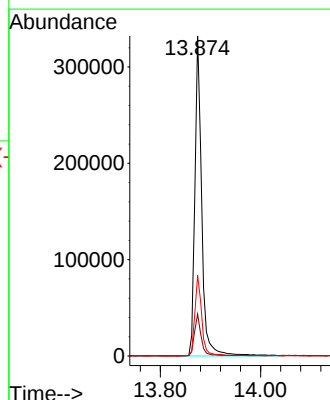
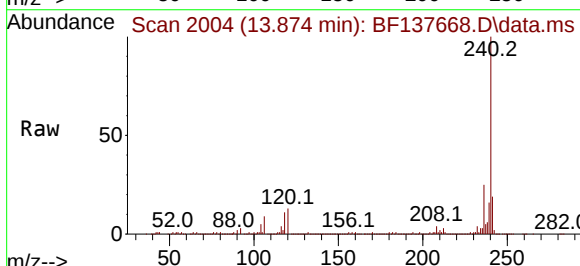
Tgt Ion:240 Resp: 314439

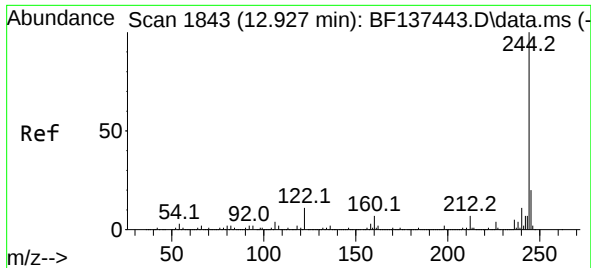
Ion Ratio Lower Upper

240 100

120 13.1 10.4 15.6

236 25.2 20.9 31.3

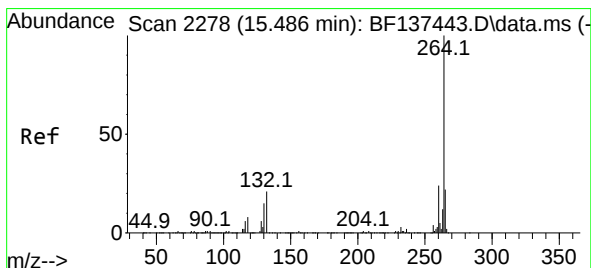
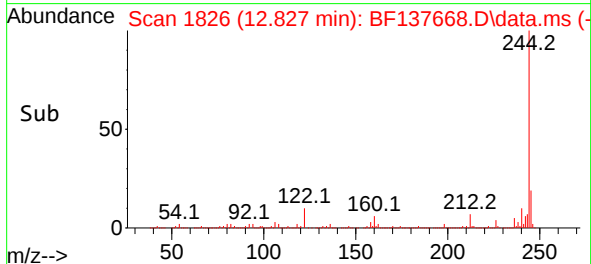
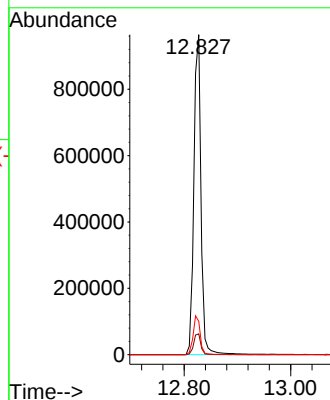
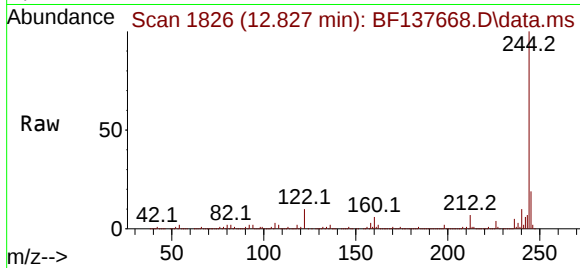




#79
 Terphenyl-d14
 Concen: 39.452 ng
 RT: 12.827 min Scan# 1843
 Delta R.T. -0.000 min
 Lab File: BF137668.D
 Acq: 21 Mar 2024 18:56

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Tgt Ion:244 Resp: 902136
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.2
 122 10.4 9.1 13.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.298 min Scan# 2246
 Delta R.T. -0.000 min
 Lab File: BF137668.D
 Acq: 21 Mar 2024 18:56

Tgt Ion:264 Resp: 297202
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.3 28.9
 265 21.6 17.4 26.0

