

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031824\
Data File : BF137632.D
Acq On : 18 Mar 2024 15:36
Operator : CG\JU
Sample : P1774-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP3

Quant Time: Mar 18 16:10:23 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	133799	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	524850	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	280831	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	441190	20.000	ng	0.00
76) Chrysene-d12	13.874	240	289660	20.000	ng	0.00
86) Perylene-d12	15.292	264	333108	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	762418	86.302	ng	0.00
7) Phenol-d6	6.363	99	1031985	80.927	ng	0.00
23) Nitrobenzene-d5	7.287	82	603699	53.444	ng	-0.01
42) 2,4,6-Tribromophenol	10.545	330	202198	81.988	ng	0.00
45) 2-Fluorobiphenyl	9.081	172	1079356	60.164	ng	0.00
79) Terphenyl-d14	12.821	244	895981	42.535	ng	0.00

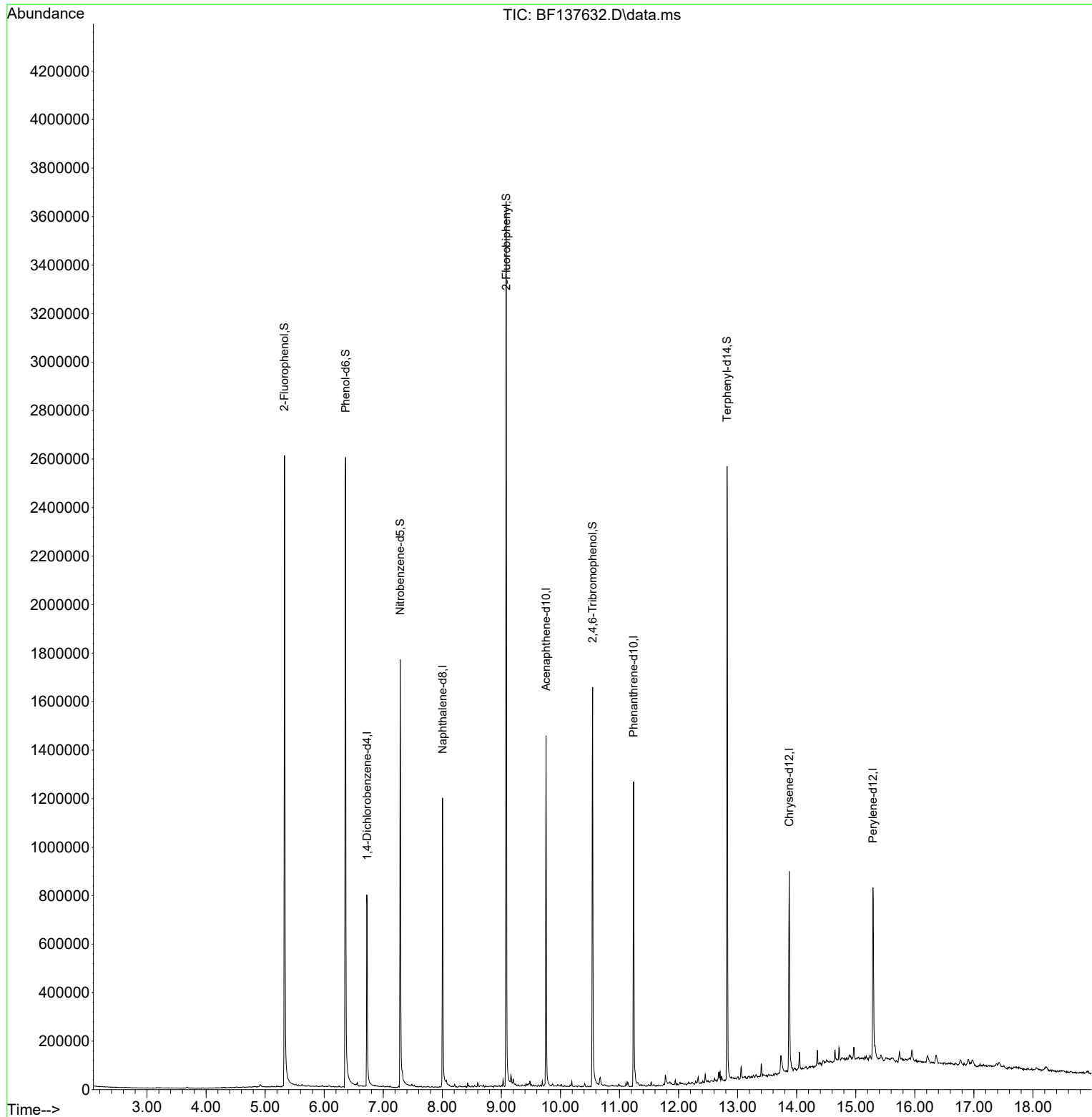
Target Compounds	Qvalue

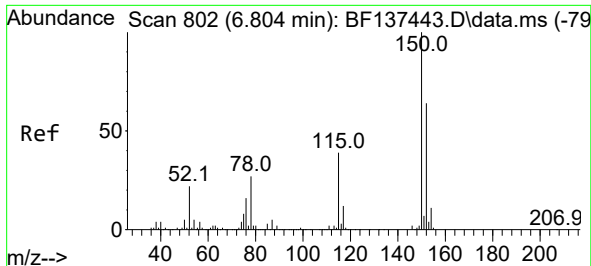
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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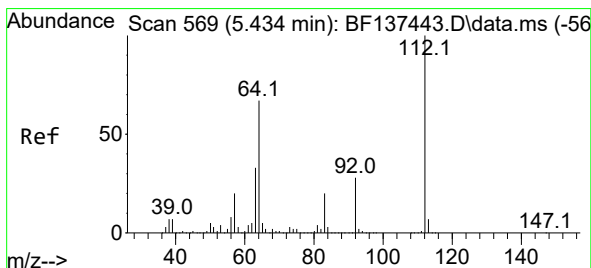
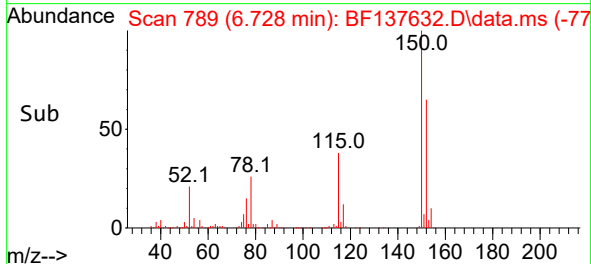
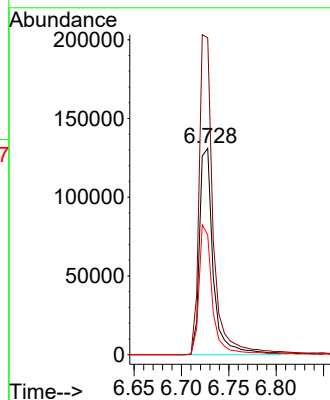
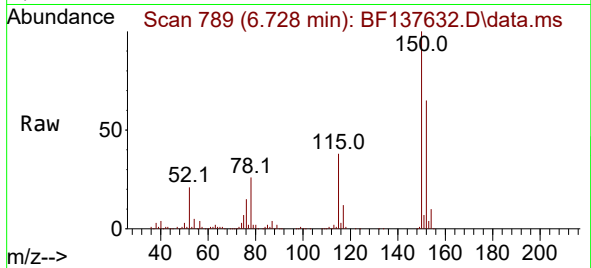




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137632.D
Acq: 18 Mar 2024 15:36

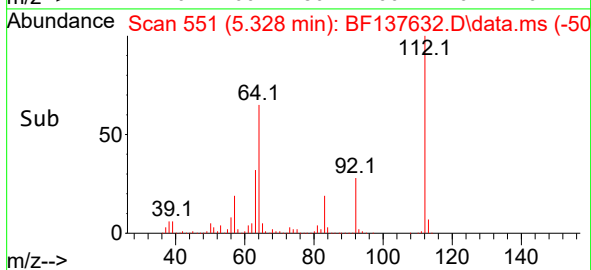
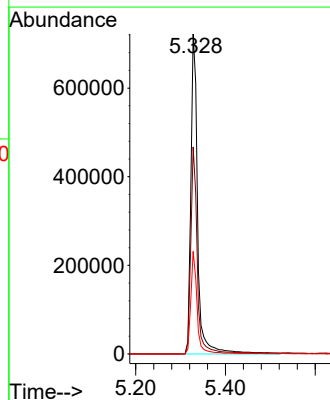
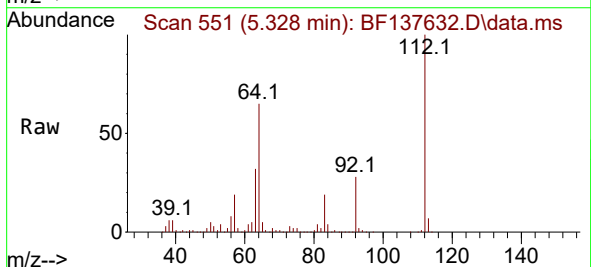
Instrument :
BNA_F
ClientSampleId :
TP3

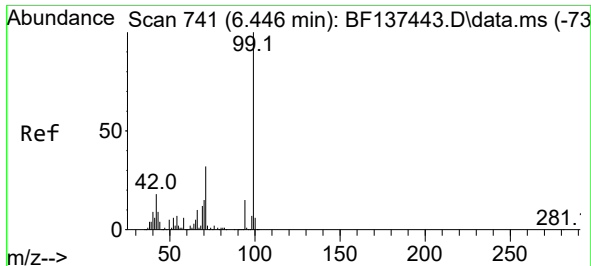
Tgt Ion:152 Resp: 133799
Ion Ratio Lower Upper
152 100
150 153.6 125.8 188.6
115 58.1 48.8 73.2



#5
2-Fluorophenol
Concen: 86.302 ng
RT: 5.328 min Scan# 551
Delta R.T. -0.006 min
Lab File: BF137632.D
Acq: 18 Mar 2024 15:36

Tgt Ion:112 Resp: 762418
Ion Ratio Lower Upper
112 100
64 64.7 53.4 80.2
63 32.1 26.2 39.2

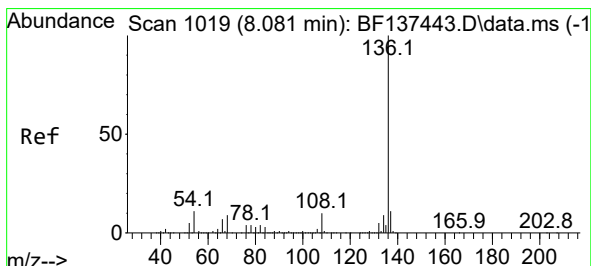
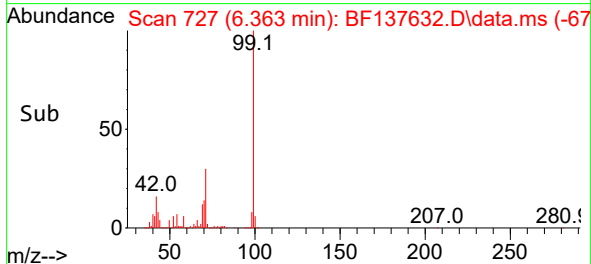
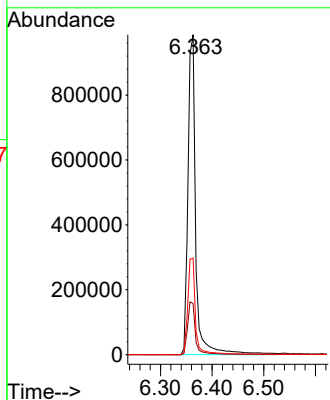
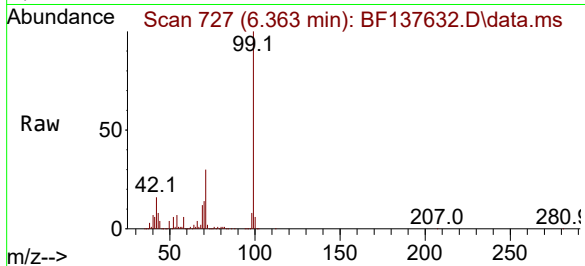




#7
Phenol-d6
Concen: 80.927 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137632.D
Acq: 18 Mar 2024 15:36

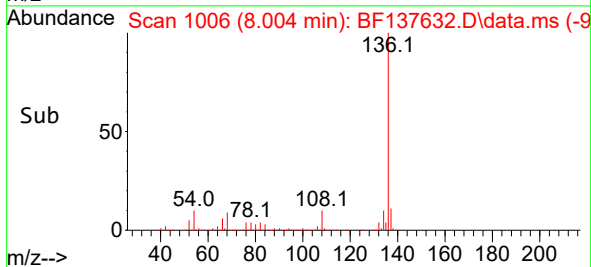
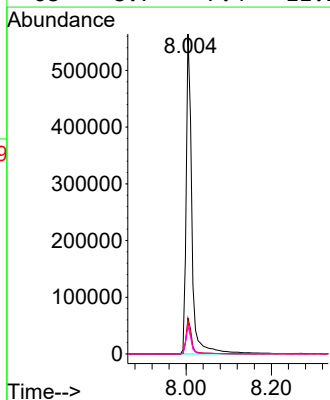
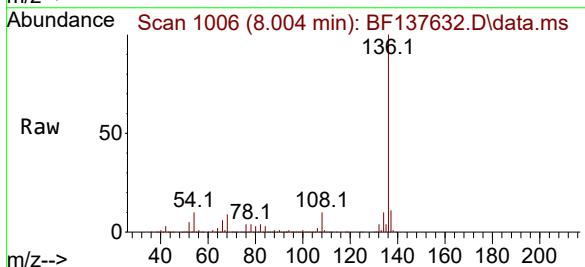
Instrument :
BNA_F
ClientSampleId :
TP3

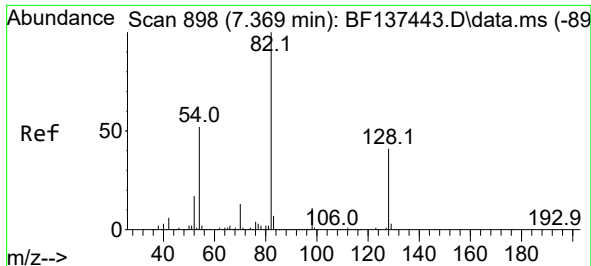
Tgt Ion: 99 Resp: 1031985
Ion Ratio Lower Upper
99 100
42 16.0 14.6 21.8
71 30.2 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF137632.D
Acq: 18 Mar 2024 15:36

Tgt Ion: 136 Resp: 524850
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 9.9 8.5 12.7
68 8.7 7.4 11.2

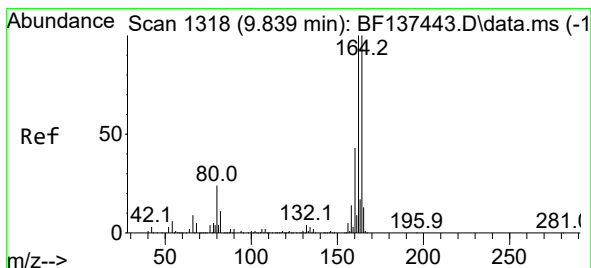
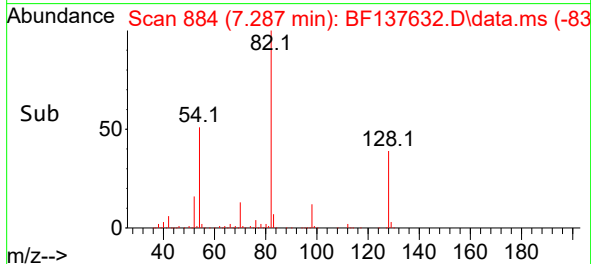
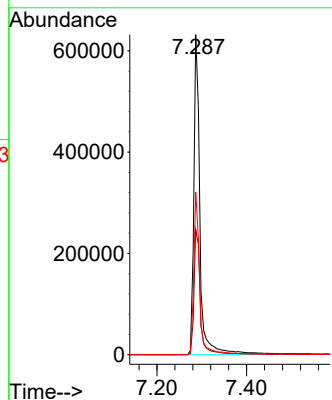
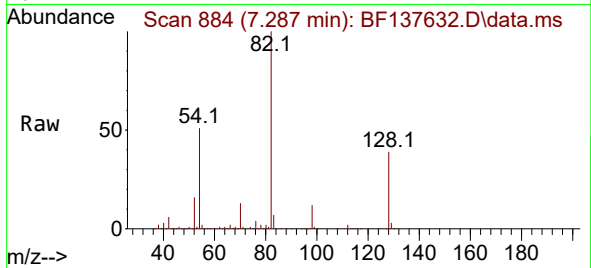




#23
Nitrobenzene-d5
Concen: 53.444 ng
RT: 7.287 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF137632.D
Acq: 18 Mar 2024 15:36

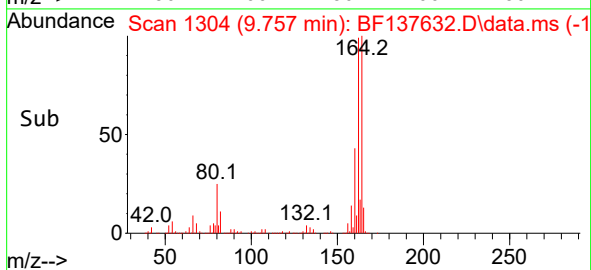
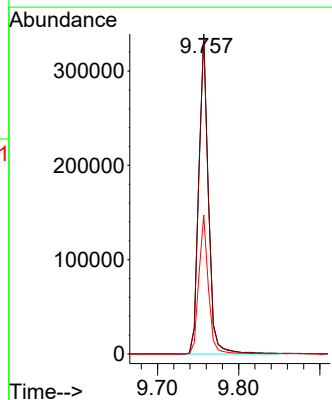
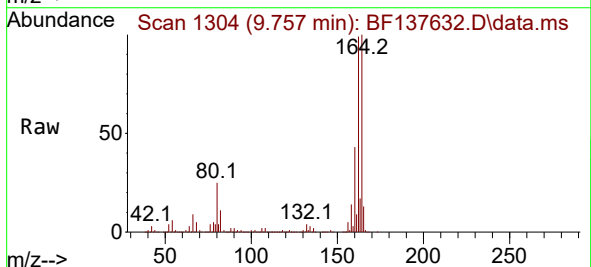
Instrument :
BNA_F
ClientSampleId :
TP3

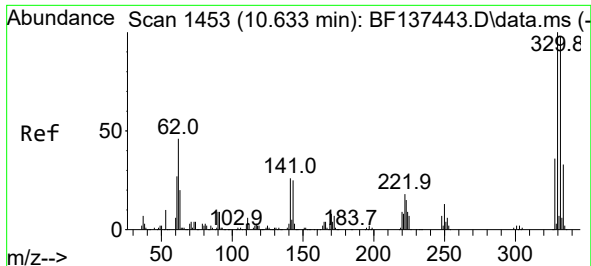
Tgt Ion: 82 Resp: 603699
Ion Ratio Lower Upper
82 100
128 39.1 32.5 48.7
54 50.8 41.5 62.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF137632.D
Acq: 18 Mar 2024 15:36

Tgt Ion: 164 Resp: 280831
Ion Ratio Lower Upper
164 100
162 99.5 79.8 119.8
160 43.4 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 81.988 ng

RT: 10.545 min Scan# 1453

Delta R.T. -0.006 min

Lab File: BF137632.D

Acq: 18 Mar 2024 15:36

Instrument :

BNA_F

ClientSampleId :

TP3

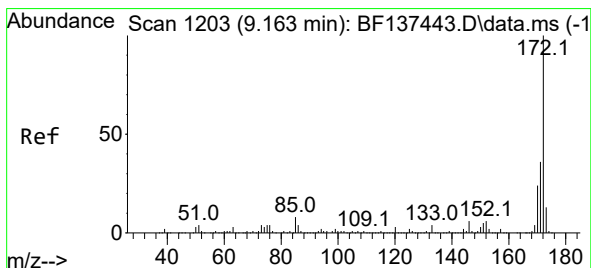
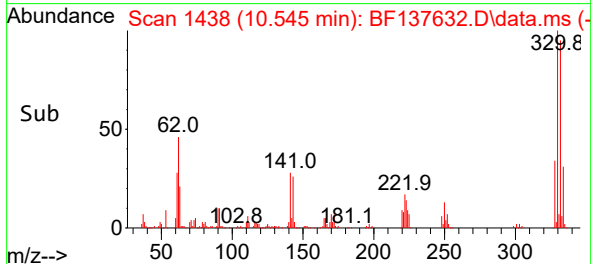
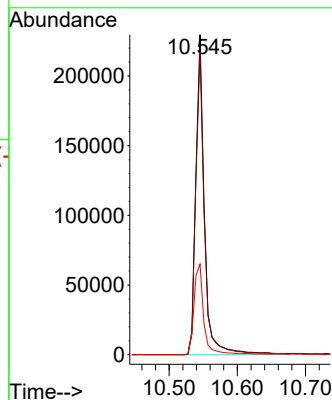
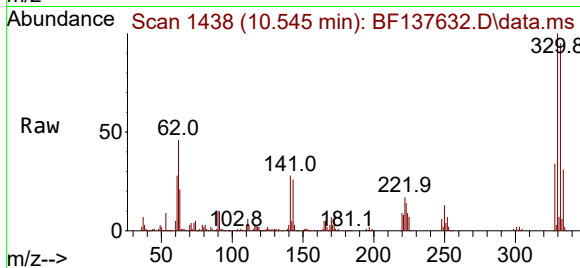
Tgt Ion:330 Resp: 202198

Ion Ratio Lower Upper

330 100

332 95.6 78.0 117.0

141 32.2 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 60.164 ng

RT: 9.081 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF137632.D

Acq: 18 Mar 2024 15:36

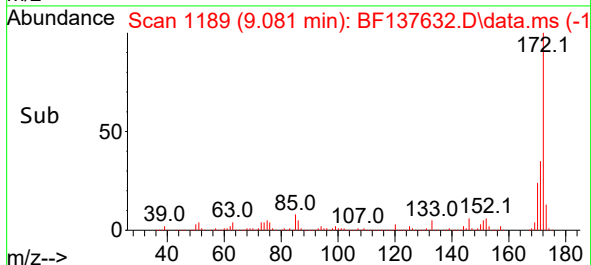
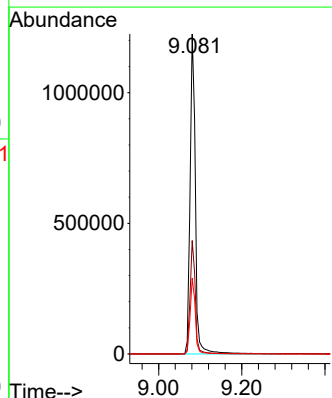
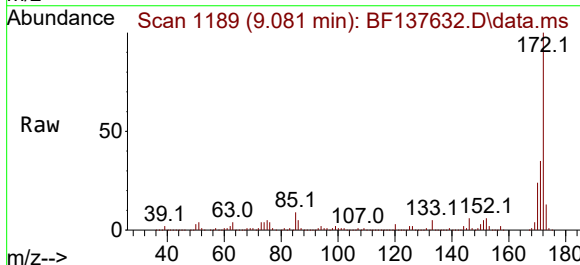
Tgt Ion:172 Resp: 1079356

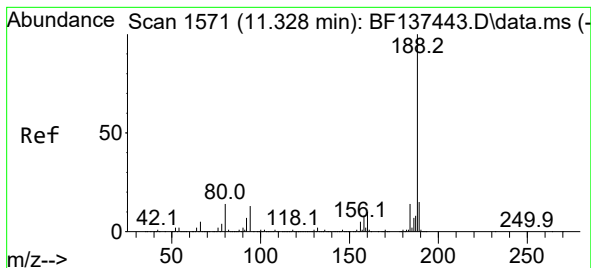
Ion Ratio Lower Upper

172 100

171 35.4 28.5 42.7

170 23.7 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.239 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF137632.D

Acq: 18 Mar 2024 15:36

Instrument :

BNA_F

ClientSampleId :

TP3

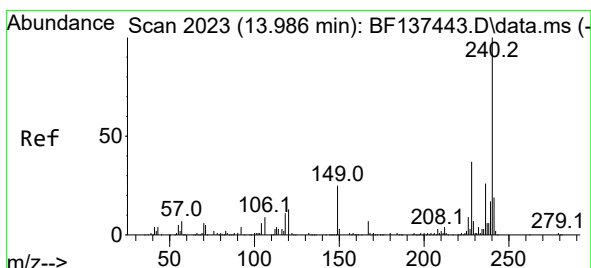
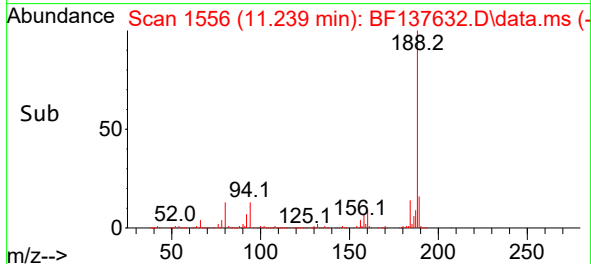
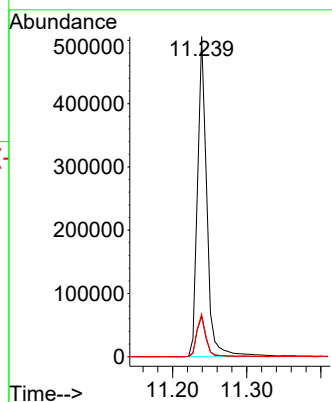
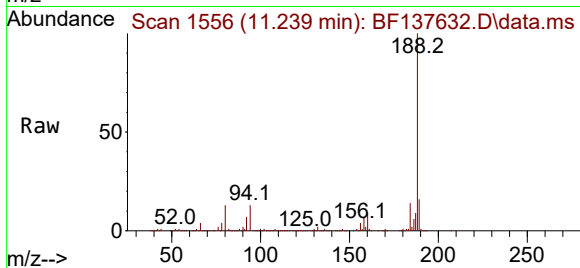
Tgt Ion:188 Resp: 441190

Ion Ratio Lower Upper

188 100

94 12.5 10.6 15.8

80 13.3 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: BF137632.D

Acq: 18 Mar 2024 15:36

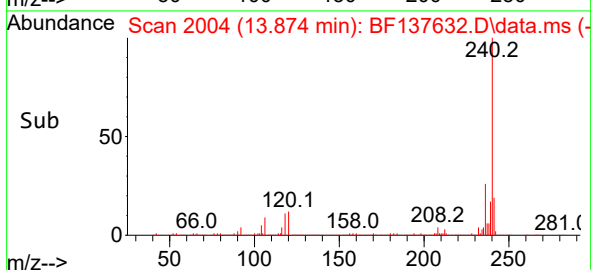
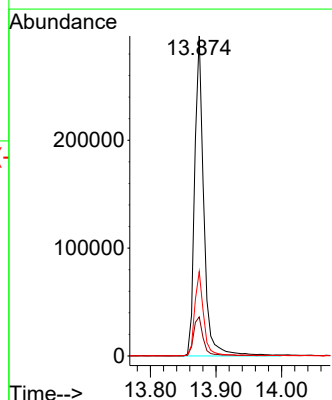
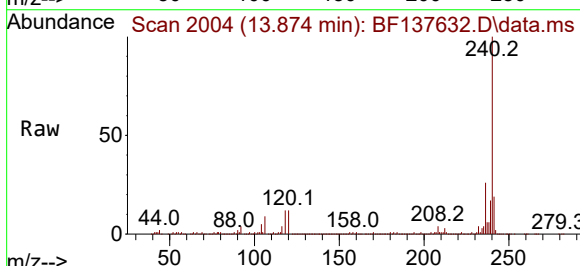
Tgt Ion:240 Resp: 289660

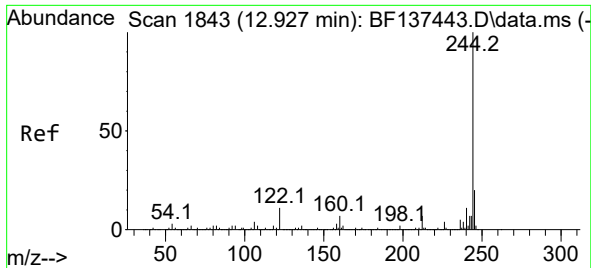
Ion Ratio Lower Upper

240 100

120 12.2 10.4 15.6

236 26.3 20.9 31.3

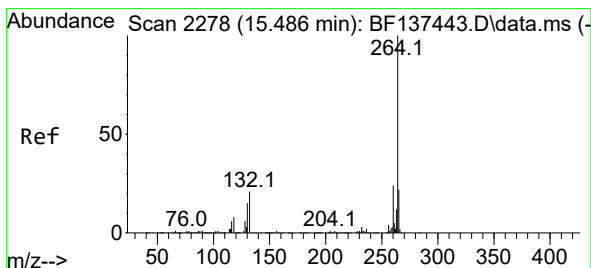
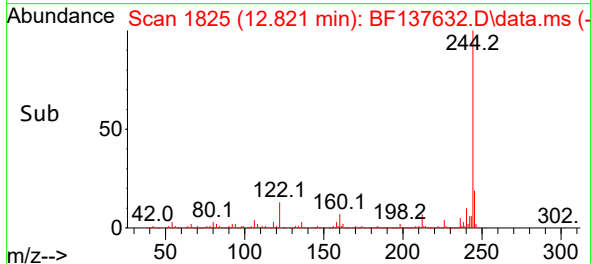
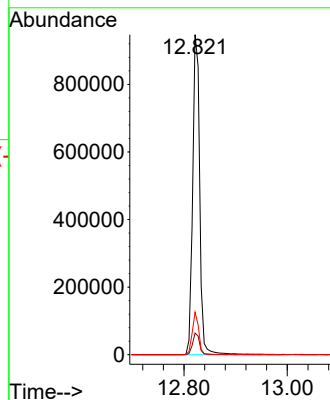
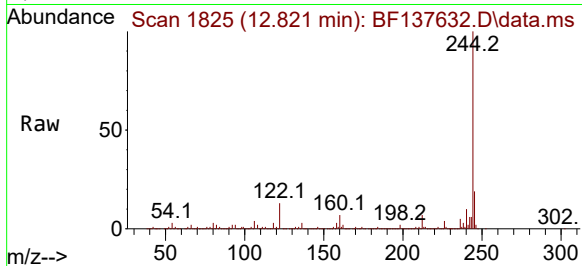




#79
 Terphenyl-d14
 Concen: 42.535 ng
 RT: 12.821 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF137632.D
 Acq: 18 Mar 2024 15:36

Instrument :
 BNA_F
 ClientSampleId :
 TP3

Tgt Ion:244 Resp: 895981
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 13.3 9.1 13.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.292 min Scan# 2245
 Delta R.T. -0.006 min
 Lab File: BF137632.D
 Acq: 18 Mar 2024 15:36

Tgt Ion:264 Resp: 333108
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.3 28.9
 265 22.1 17.4 26.0

