

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031124\
 Data File : BF137559.D
 Acq On : 11 Mar 2024 16:44
 Operator : CG\JU
 Sample : PB159533BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159533BL

Quant Time: Mar 12 02:04:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 12 02:00:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	247112	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	992146	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	551989	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	1033005	20.000	ng	0.00
76) Chrysene-d12	14.092	240	655055	20.000	ng	0.00
86) Perylene-d12	15.645	264	514100	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1866372	114.389	ng	0.01
7) Phenol-d6	6.551	99	2524737	107.200	ng	0.00
23) Nitrobenzene-d5	7.463	82	1626686	76.181	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	648492	133.781	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2626859	74.494	ng	0.00
79) Terphenyl-d14	13.039	244	3300292	69.280	ng	0.00

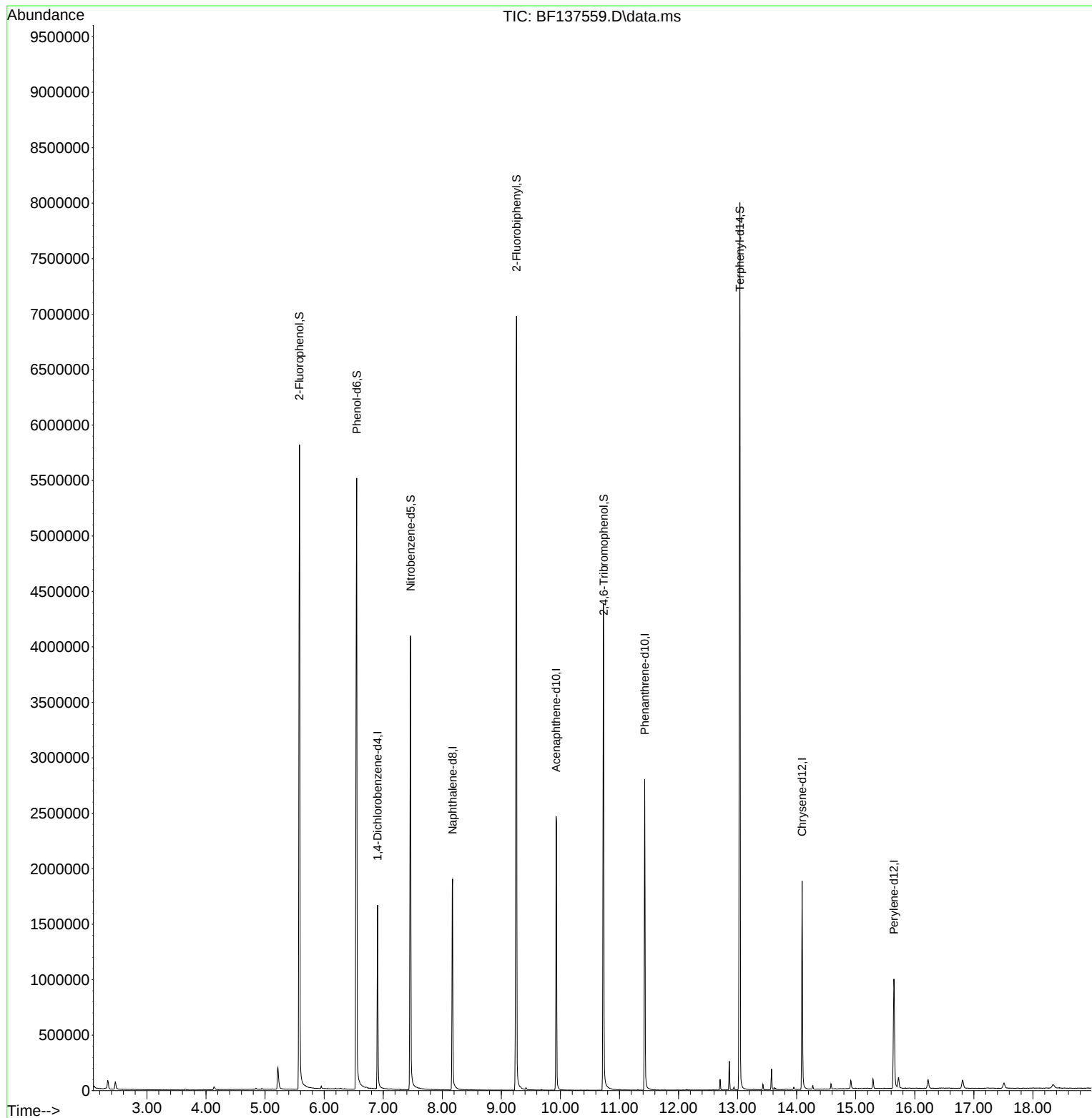
Target Compounds	Qvalue

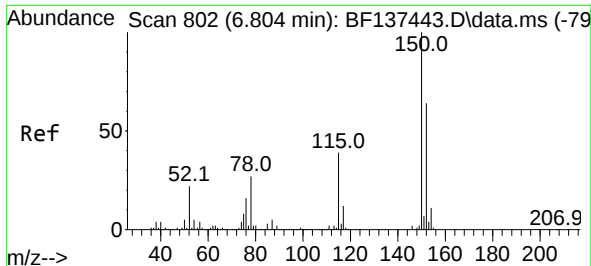
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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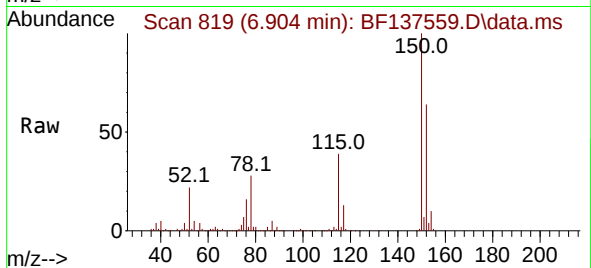
Quant Time: Mar 12 02:04:55 2024
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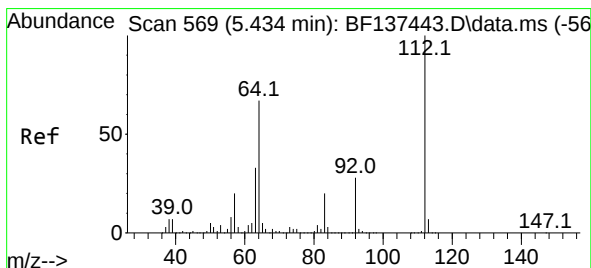
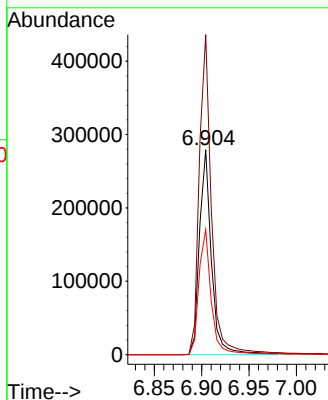
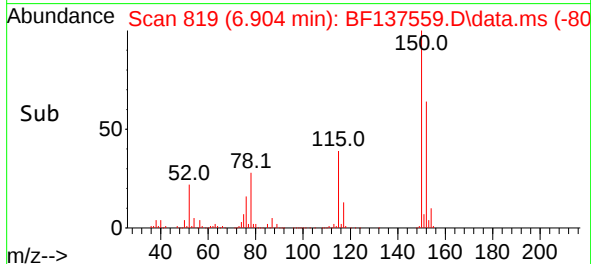


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF137559.D
Acq: 11 Mar 2024 16:44

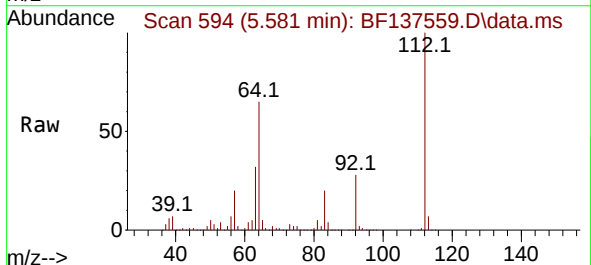
Instrument :
BNA_F
ClientSampleId :
PB159533BL



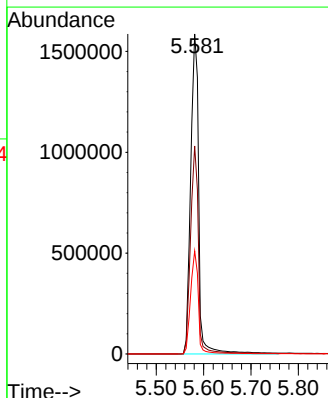
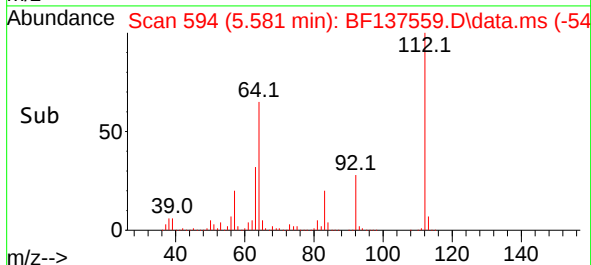
Tgt Ion:152 Resp: 247112
Ion Ratio Lower Upper
152 100
150 156.1 125.8 188.6
115 61.1 48.8 73.2

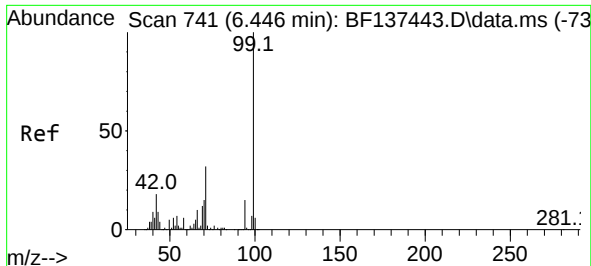


#5
2-Fluorophenol
Concen: 114.389 ng
RT: 5.581 min Scan# 594
Delta R.T. 0.012 min
Lab File: BF137559.D
Acq: 11 Mar 2024 16:44



Tgt Ion:112 Resp: 1866372
Ion Ratio Lower Upper
112 100
64 65.0 53.4 80.2
63 32.2 26.2 39.2

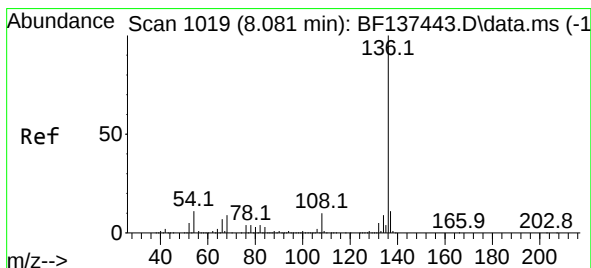
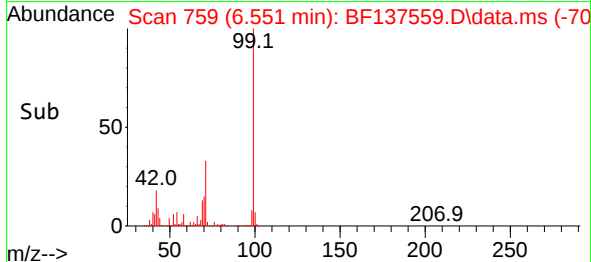
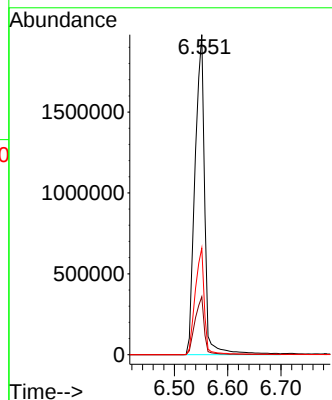
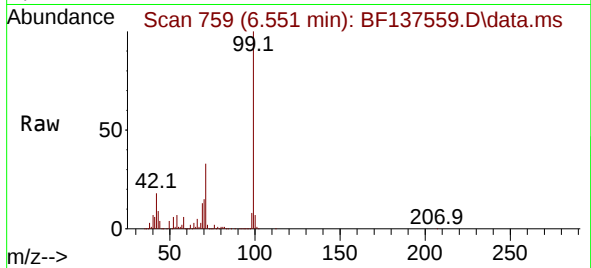




#7
Phenol-d6
Concen: 107.200 ng
RT: 6.551 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137559.D
Acq: 11 Mar 2024 16:44

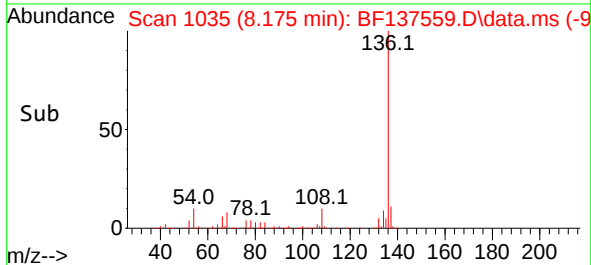
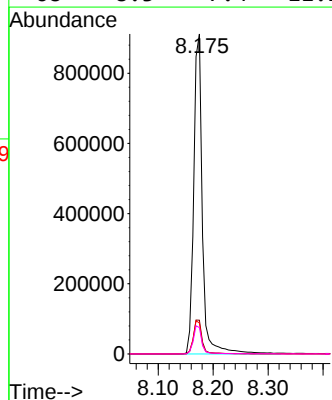
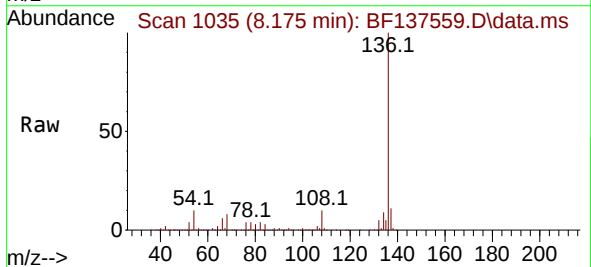
Instrument :
BNA_F
ClientSampleId :
PB159533BL

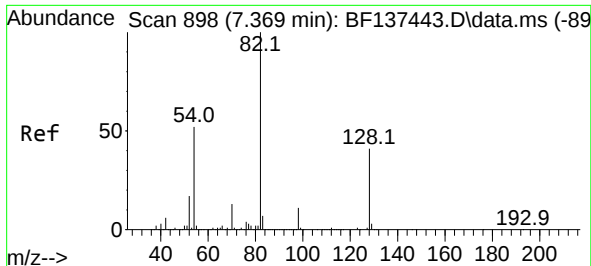
Tgt Ion: 99 Resp: 2524737
Ion Ratio Lower Upper
99 100
42 18.1 14.6 21.8
71 33.3 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BF137559.D
Acq: 11 Mar 2024 16:44

Tgt Ion: 136 Resp: 992146
Ion Ratio Lower Upper
136 100
137 10.6 9.1 13.7
54 9.7 8.5 12.7
68 8.3 7.4 11.2





#23

Nitrobenzene-d5

Concen: 76.181 ng

RT: 7.463 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF137559.D

Acq: 11 Mar 2024 16:44

Instrument :

BNA_F

ClientSampleId :

PB159533BL

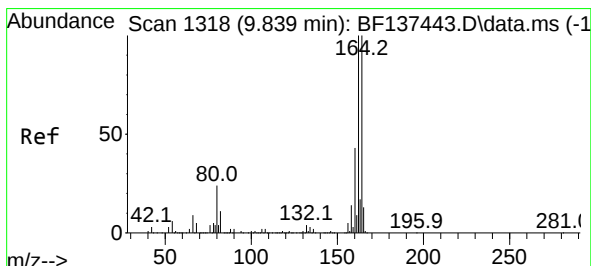
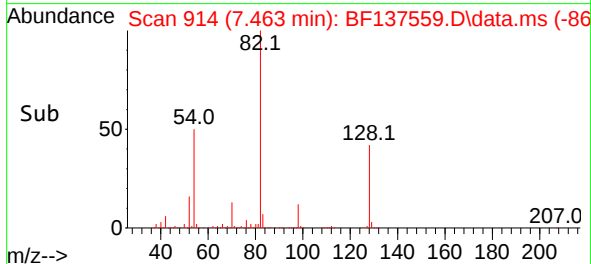
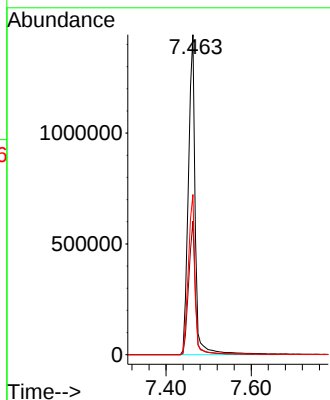
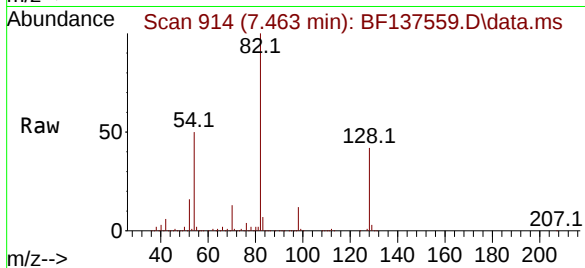
Tgt Ion: 82 Resp: 1626686

Ion Ratio Lower Upper

82 100

128 41.7 32.5 48.7

54 50.0 41.5 62.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1333

Delta R.T. -0.006 min

Lab File: BF137559.D

Acq: 11 Mar 2024 16:44

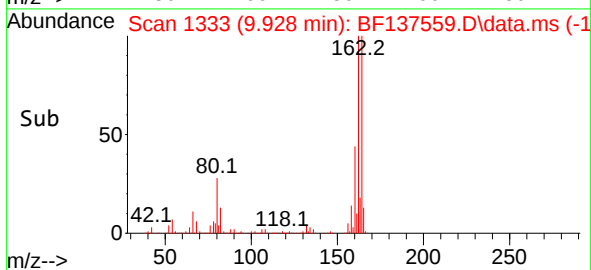
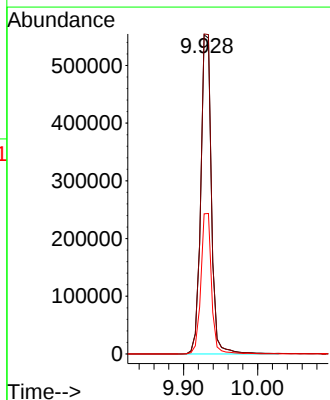
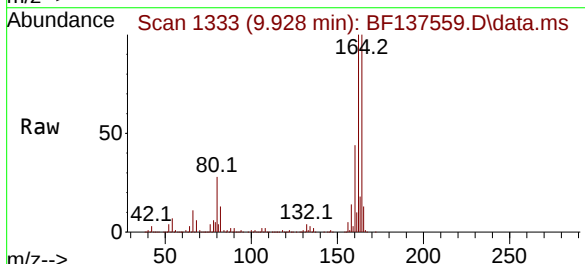
Tgt Ion:164 Resp: 551989

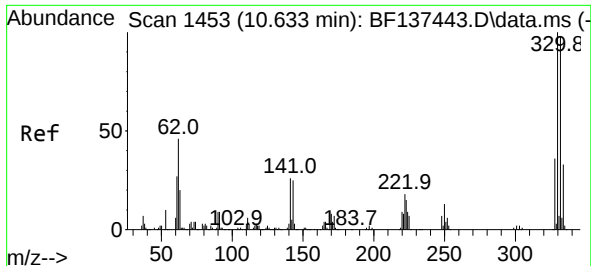
Ion Ratio Lower Upper

164 100

162 100.3 79.8 119.8

160 43.9 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 133.781 ng

RT: 10.733 min Scan# 1453

Delta R.T. 0.000 min

Lab File: BF137559.D

Acq: 11 Mar 2024 16:44

Instrument :

BNA_F

ClientSampleId :

PB159533BL

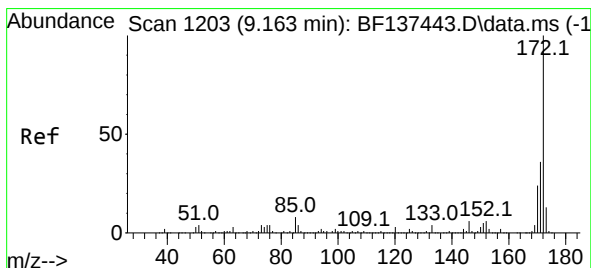
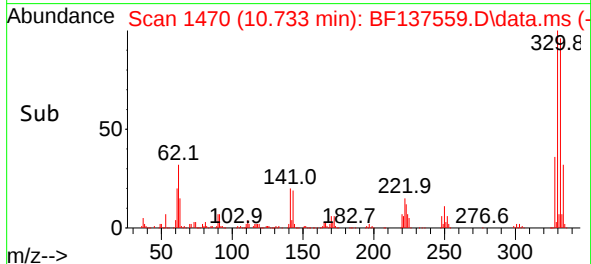
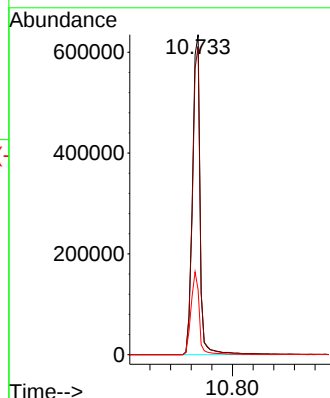
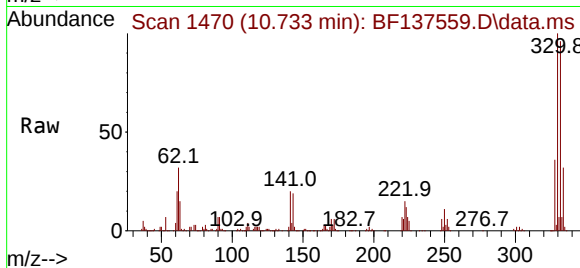
Tgt Ion:330 Resp: 648492

Ion Ratio Lower Upper

330 100

332 95.3 78.0 117.0

141 28.2 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 74.494 ng

RT: 9.257 min Scan# 1219

Delta R.T. 0.000 min

Lab File: BF137559.D

Acq: 11 Mar 2024 16:44

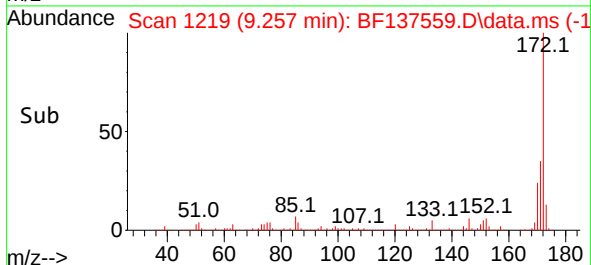
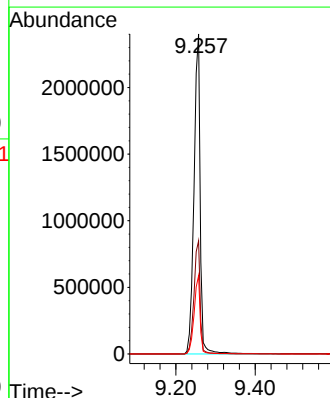
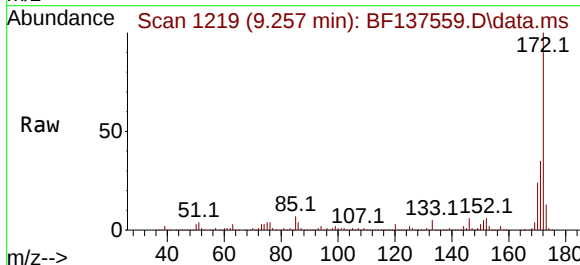
Tgt Ion:172 Resp: 2626859

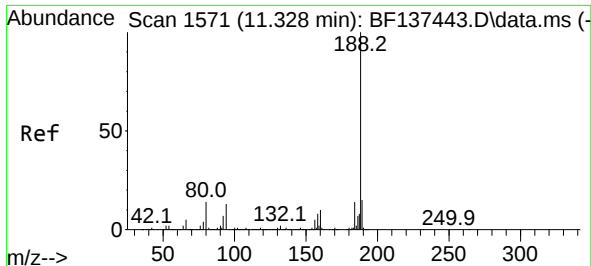
Ion Ratio Lower Upper

172 100

171 35.4 28.5 42.7

170 24.4 19.0 28.6

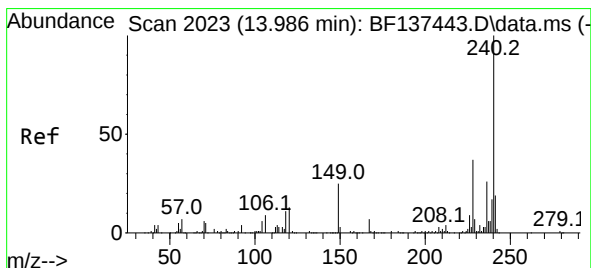
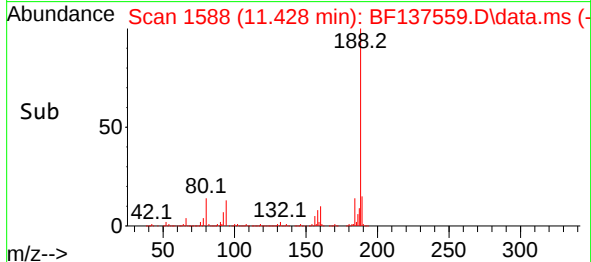
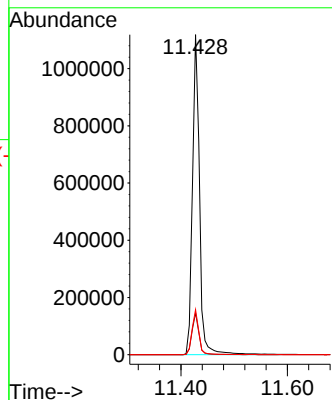
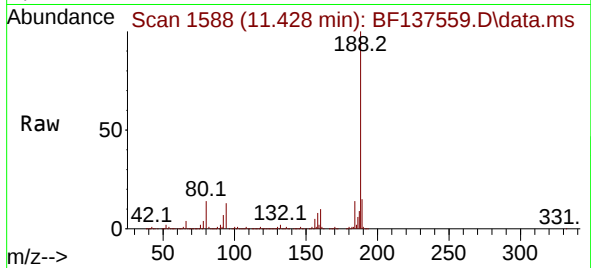




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137559.D
Acq: 11 Mar 2024 16:44

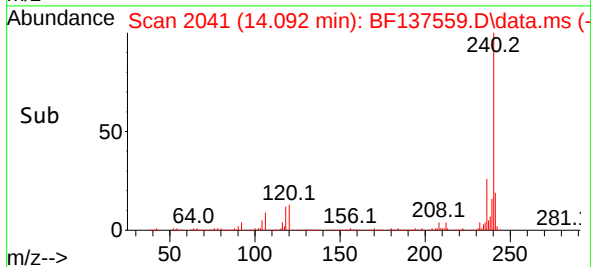
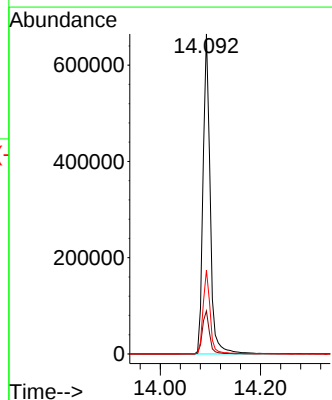
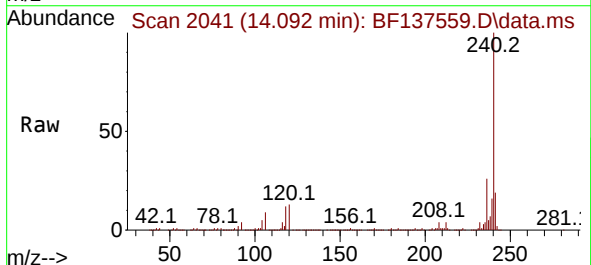
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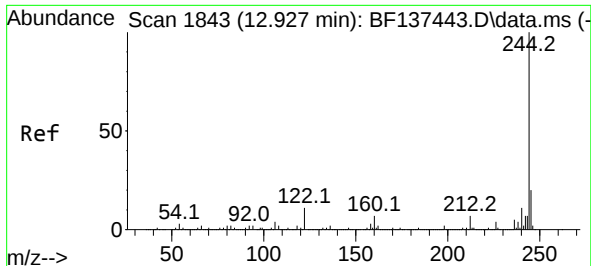
Tgt Ion:188 Resp: 1033005
Ion Ratio Lower Upper
188 100
94 13.0 10.6 15.8
80 14.1 11.5 17.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BF137559.D
Acq: 11 Mar 2024 16:44

Tgt Ion:240 Resp: 655055
Ion Ratio Lower Upper
240 100
120 13.4 10.4 15.6
236 26.2 20.9 31.3

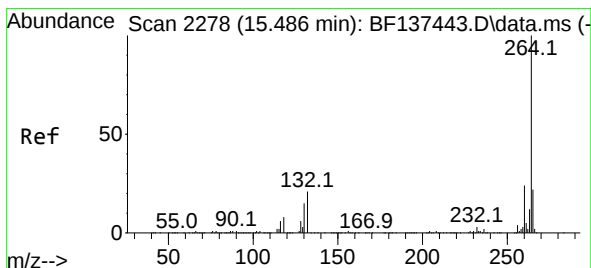
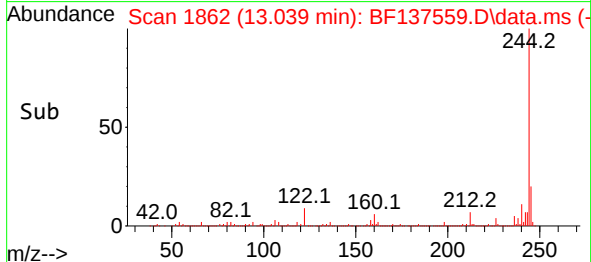
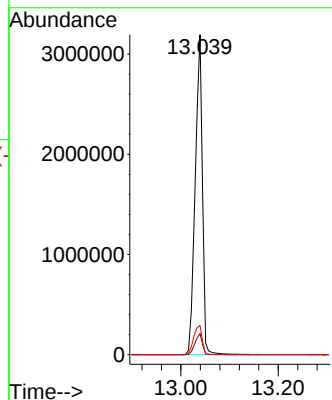
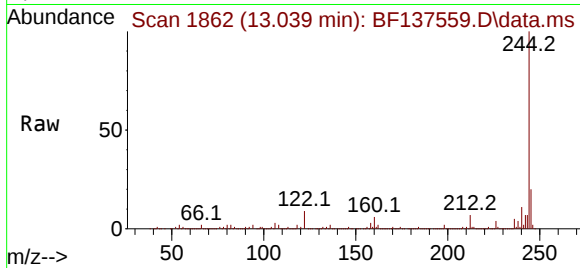




#79
 Terphenyl-d14
 Concen: 69.280 ng
 RT: 13.039 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF137559.D
 Acq: 11 Mar 2024 16:44

Instrument :
 BNA_F
 ClientSampleId :
 PB159533BL

Tgt Ion:244 Resp: 3300292
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.2
 122 9.1 9.1 13.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.645 min Scan# 2305
 Delta R.T. -0.006 min
 Lab File: BF137559.D
 Acq: 11 Mar 2024 16:44

Tgt Ion:264 Resp: 514100
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.3 28.9
 265 21.9 17.4 26.0

