

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031324\
 Data File : BF137572.D
 Acq On : 13 Mar 2024 09:57
 Operator : CG\JU
 Sample : PB159549BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159549BL

Quant Time: Mar 13 10:47:41 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	240013	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	936243	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	506669	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	911507	20.000	ng	0.00
76) Chrysene-d12	14.092	240	634047	20.000	ng	0.00
86) Perylene-d12	15.645	264	494474	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1802398	113.736	ng	0.01
7) Phenol-d6	6.551	99	2400025	104.919	ng	0.00
23) Nitrobenzene-d5	7.463	82	1548728	76.861	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	569649	128.027	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2487010	76.837	ng	0.00
79) Terphenyl-d14	13.039	244	3004661	65.164	ng	0.00

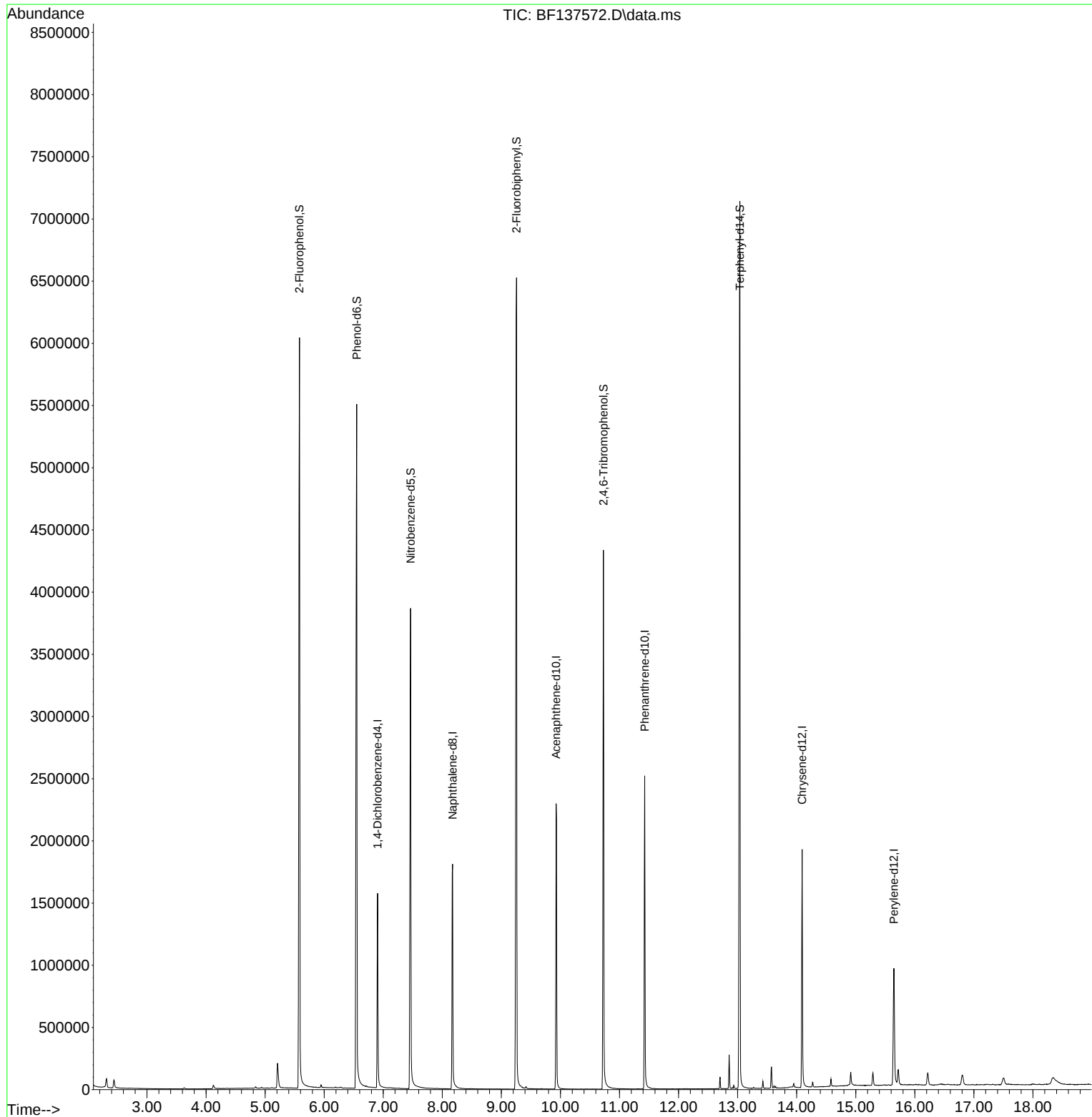
Target Compounds	Qvalue

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

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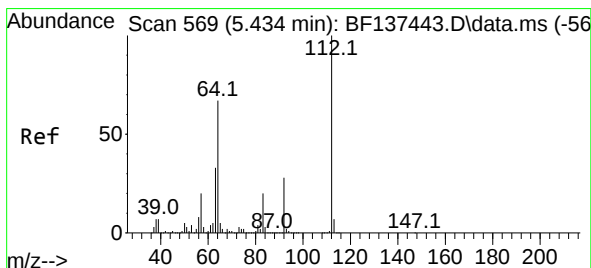
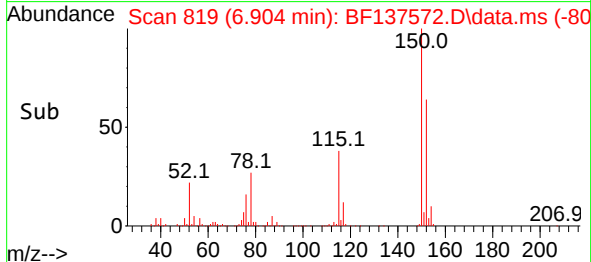
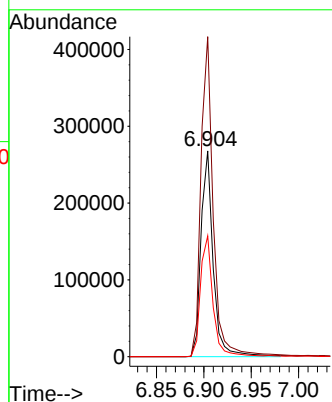
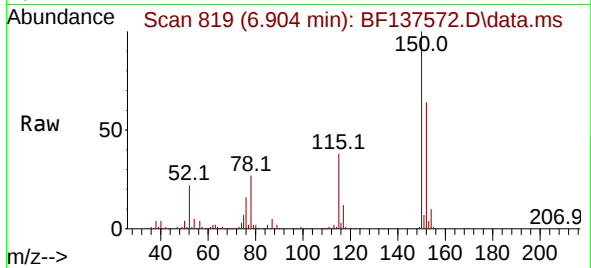




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF137572.D
Acq: 13 Mar 2024 09:57

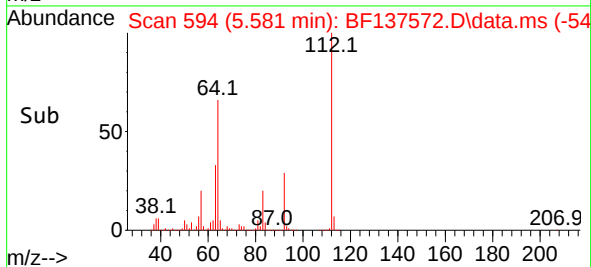
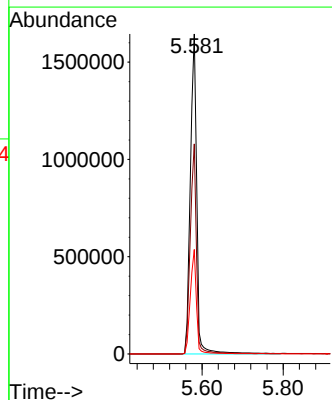
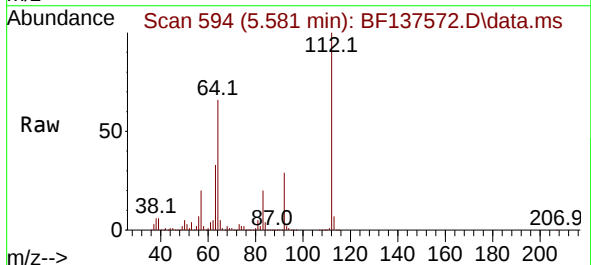
Instrument :
BNA_F
ClientSampleId :
PB159549BL

Tgt Ion:152 Resp: 240013
Ion Ratio Lower Upper
152 100
150 155.5 125.8 188.6
115 58.7 48.8 73.2



#5
2-Fluorophenol
Concen: 113.736 ng
RT: 5.581 min Scan# 594
Delta R.T. 0.012 min
Lab File: BF137572.D
Acq: 13 Mar 2024 09:57

Tgt Ion:112 Resp: 1802398
Ion Ratio Lower Upper
112 100
64 65.7 53.4 80.2
63 32.7 26.2 39.2

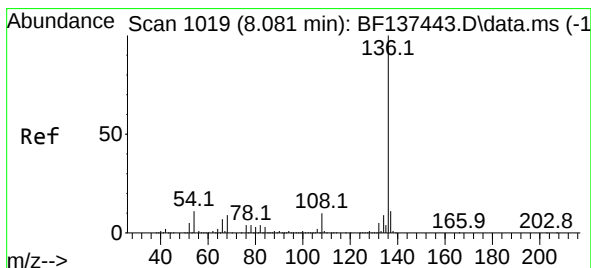
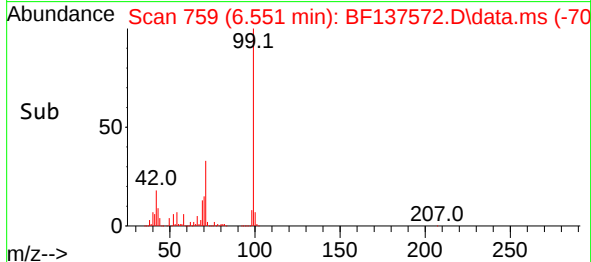
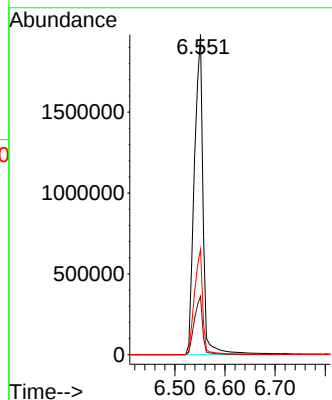
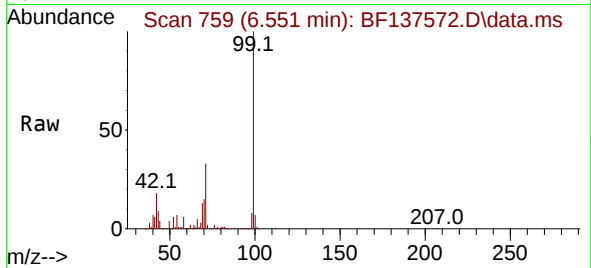




#7
Phenol-d6
Concen: 104.919 ng
RT: 6.551 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137572.D
Acq: 13 Mar 2024 09:57

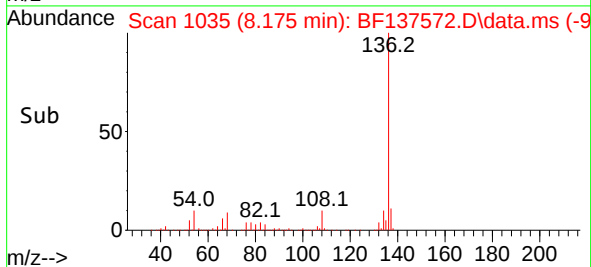
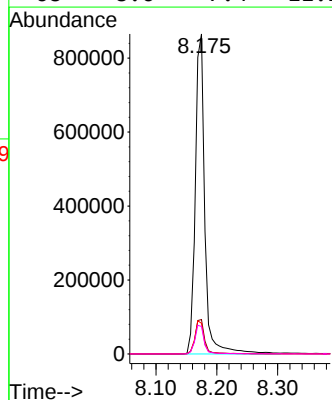
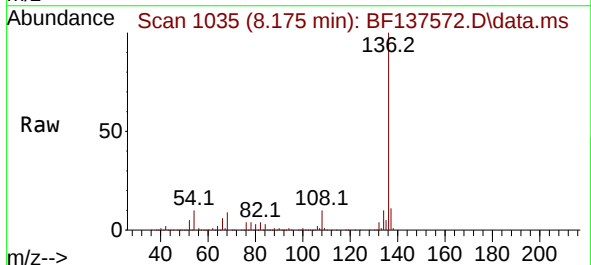
Instrument :
BNA_F
ClientSampleId :
PB159549BL

Tgt Ion: 99 Resp: 2400025
Ion Ratio Lower Upper
99 100
42 18.2 14.6 21.8
71 32.9 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: BF137572.D
Acq: 13 Mar 2024 09:57

Tgt Ion: 136 Resp: 936243
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 9.6 8.5 12.7
68 8.6 7.4 11.2





#23

Nitrobenzene-d5

Concen: 76.861 ng

RT: 7.463 min Scan# 914

Delta R.T. -0.006 min

Lab File: BF137572.D

Acq: 13 Mar 2024 09:57

Instrument :

BNA_F

ClientSampleId :

PB159549BL

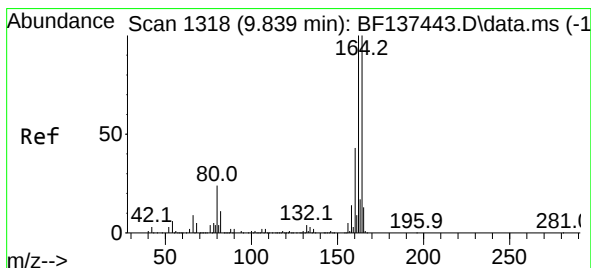
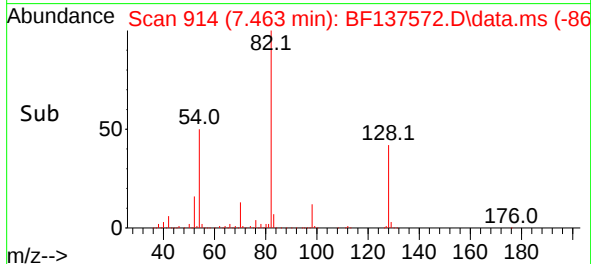
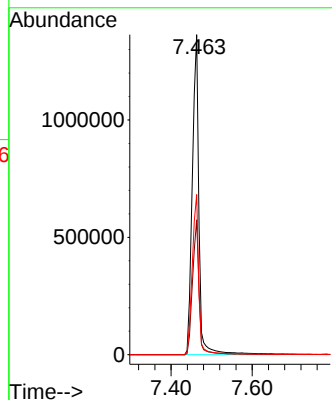
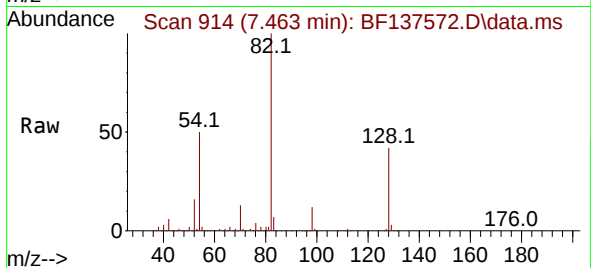
Tgt Ion: 82 Resp: 1548728

Ion Ratio Lower Upper

82 100

128 42.2 32.5 48.7

54 50.1 41.5 62.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.927 min Scan# 1333

Delta R.T. -0.006 min

Lab File: BF137572.D

Acq: 13 Mar 2024 09:57

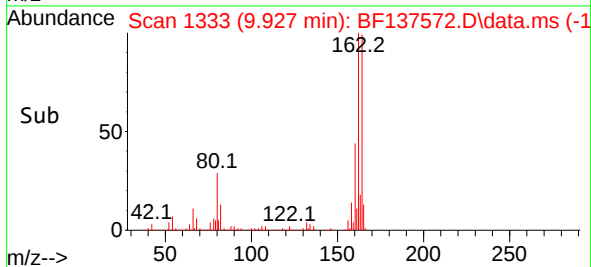
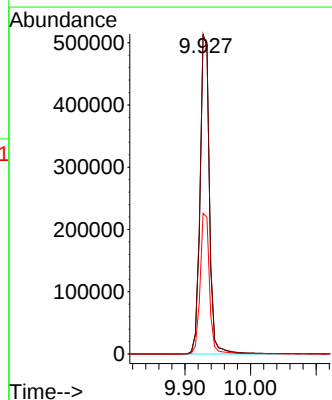
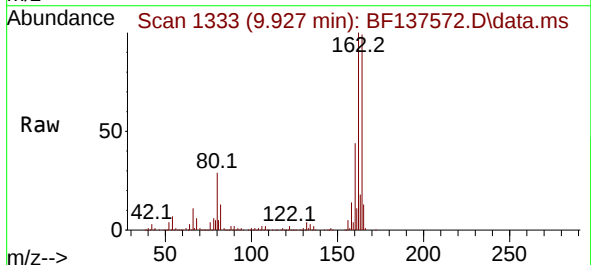
Tgt Ion:164 Resp: 506669

Ion Ratio Lower Upper

164 100

162 100.7 79.8 119.8

160 44.2 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 128.027 ng

RT: 10.727 min Scan# 1453

Delta R.T. -0.006 min

Lab File: BF137572.D

Acq: 13 Mar 2024 09:57

Instrument :

BNA_F

ClientSampleId :

PB159549BL

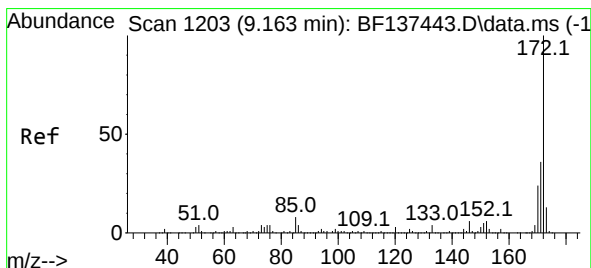
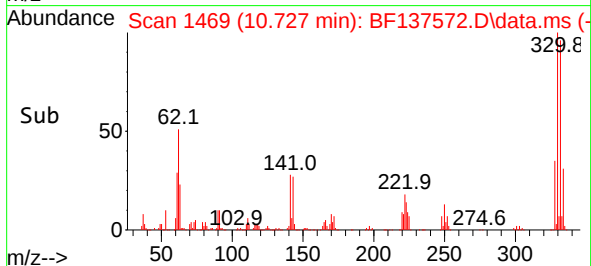
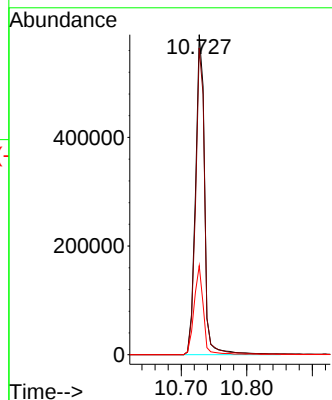
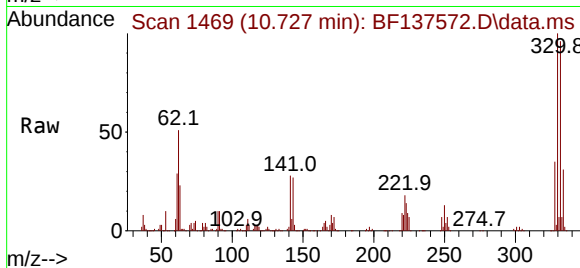
Tgt Ion:330 Resp: 569649

Ion Ratio Lower Upper

330 100

332 96.1 78.0 117.0

141 28.6 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 76.837 ng

RT: 9.257 min Scan# 1219

Delta R.T. -0.000 min

Lab File: BF137572.D

Acq: 13 Mar 2024 09:57

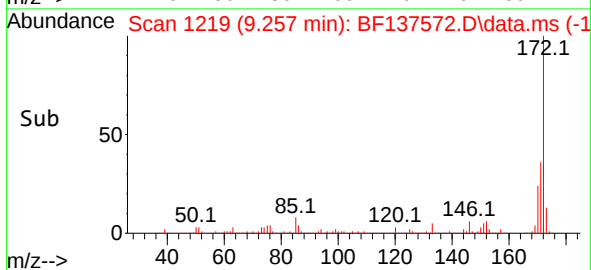
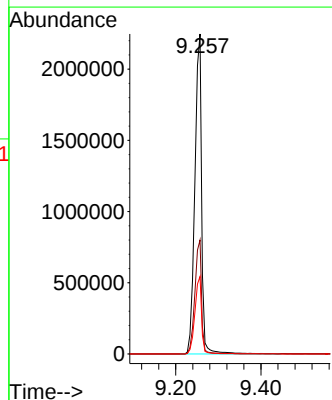
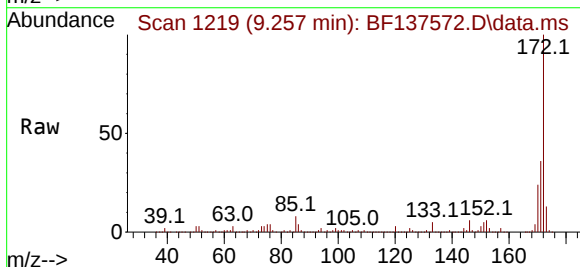
Tgt Ion:172 Resp: 2487010

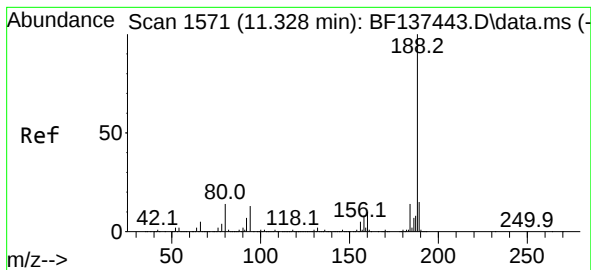
Ion Ratio Lower Upper

172 100

171 35.6 28.5 42.7

170 24.2 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137572.D

Acq: 13 Mar 2024 09:57

Instrument :

BNA_F

ClientSampleId :

PB159549BL

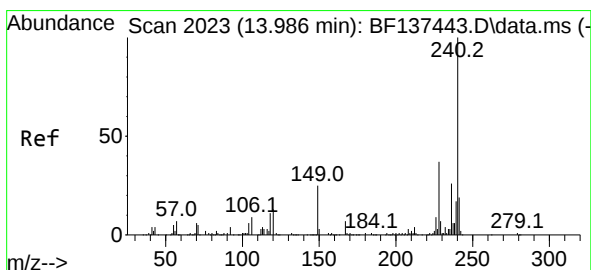
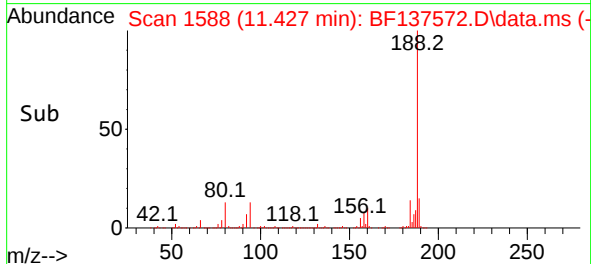
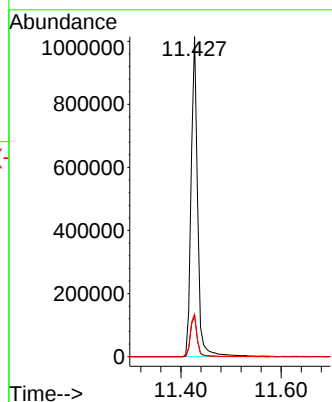
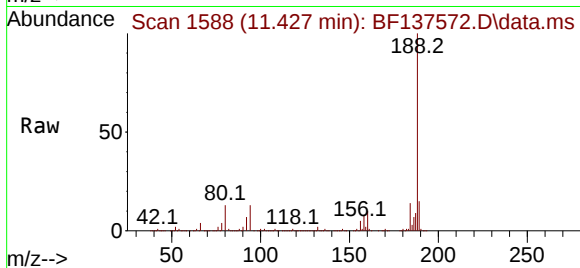
Tgt Ion:188 Resp: 911507

Ion Ratio Lower Upper

188 100

94 12.7 10.6 15.8

80 13.3 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: BF137572.D

Acq: 13 Mar 2024 09:57

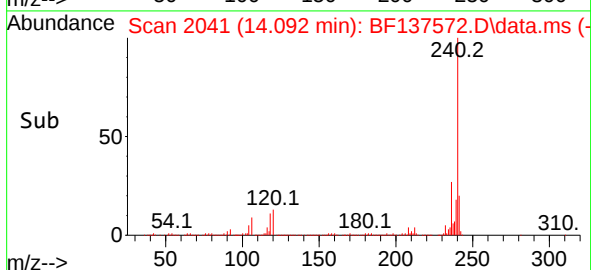
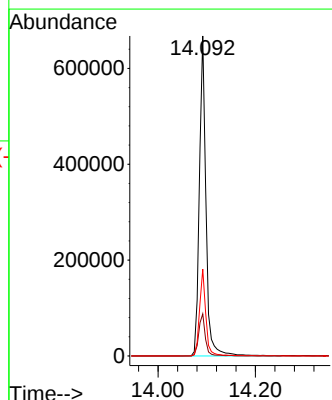
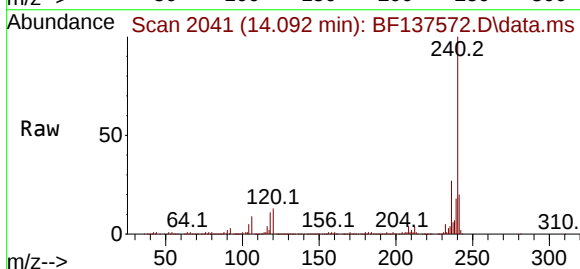
Tgt Ion:240 Resp: 634047

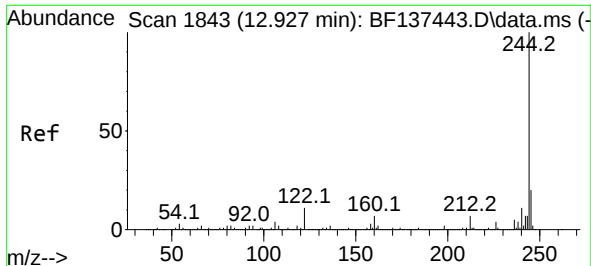
Ion Ratio Lower Upper

240 100

120 13.1 10.4 15.6

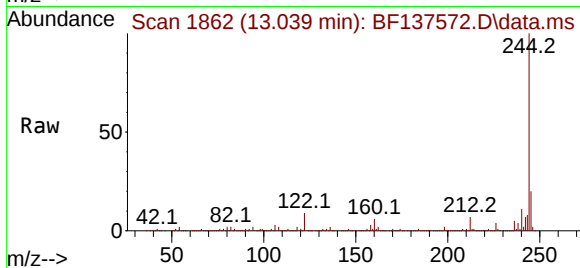
236 27.1 20.9 31.3



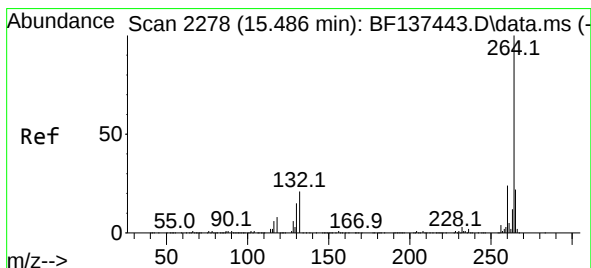
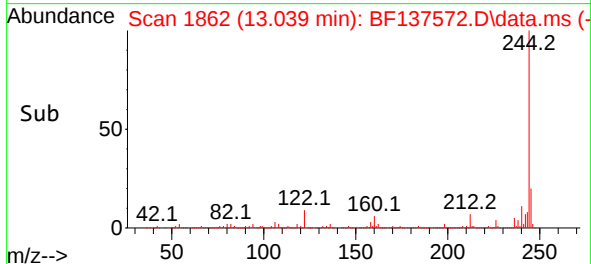
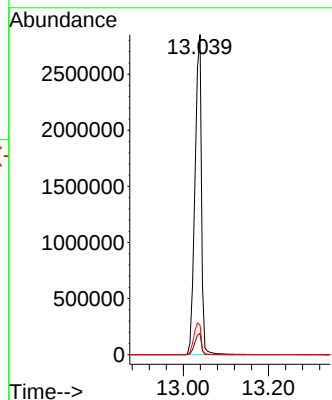


#79
 Terphenyl-d14
 Concen: 65.164 ng
 RT: 13.039 min Scan# 1843
 Delta R.T. -0.000 min
 Lab File: BF137572.D
 Acq: 13 Mar 2024 09:57

Instrument :
 BNA_F
 ClientSampleId :
 PB159549BL



Tgt Ion:244 Resp: 3004661
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.2
 122 9.2 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: BF137572.D
 Acq: 13 Mar 2024 09:57

Tgt Ion:264 Resp: 494474
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.3 28.9
 265 21.6 17.4 26.0

