

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032124\
 Data File : BF137660.D
 Acq On : 21 Mar 2024 14:51
 Operator : CG\JU
 Sample : PB159709BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159709BL

Quant Time: Mar 21 15:17:07 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	218764	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	855080	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	453094	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	782297	20.000	ng	0.00
76) Chrysene-d12	13.874	240	482699	20.000	ng	0.00
86) Perylene-d12	15.298	264	409239	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1697937	117.551	ng	0.02
7) Phenol-d6	6.369	99	2279192	109.314	ng	0.00
23) Nitrobenzene-d5	7.292	82	1479028	80.369	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	502712	126.343	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	2416983	83.503	ng	0.00
79) Terphenyl-d14	12.833	244	2583766	73.606	ng	0.00

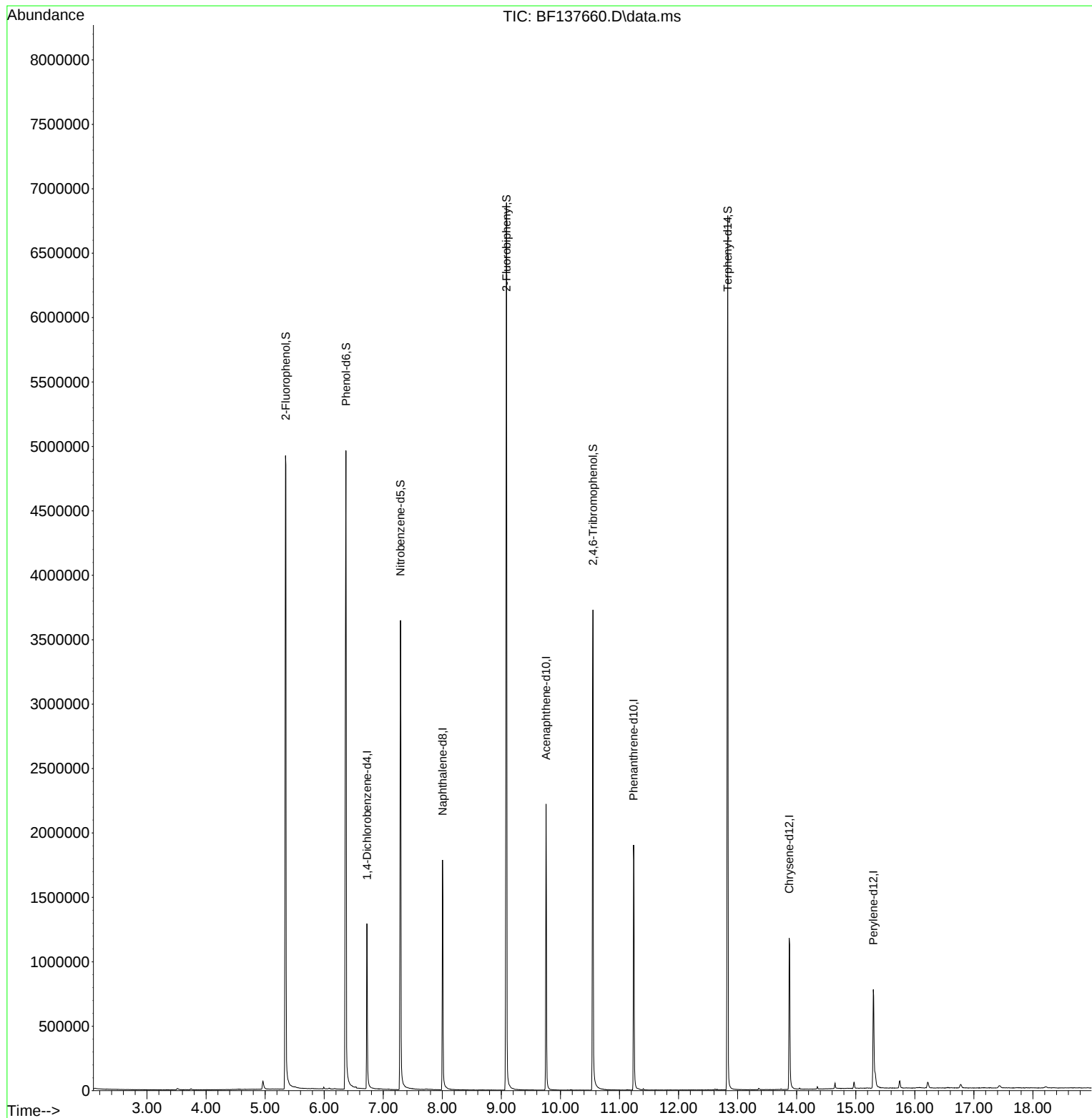
Target Compounds	Qvalue

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

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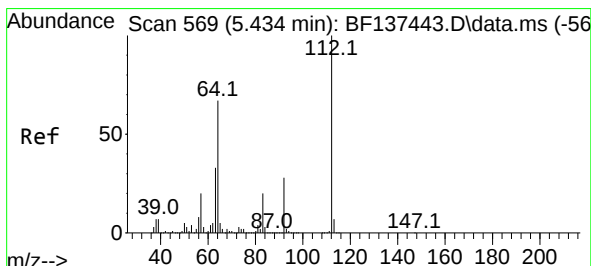
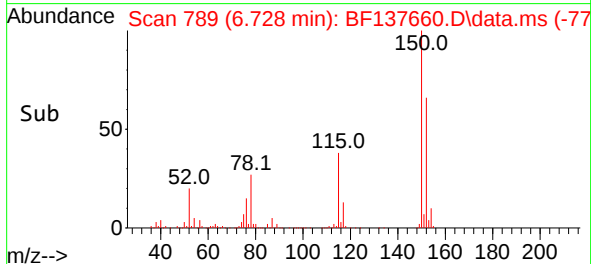
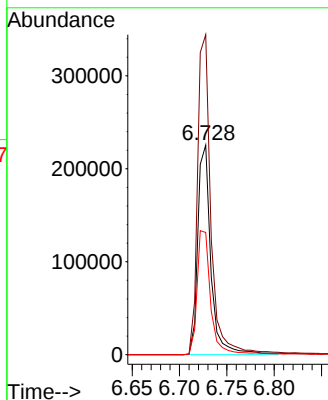
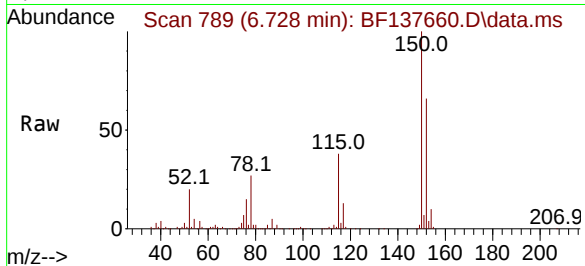




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137660.D
Acq: 21 Mar 2024 14:51

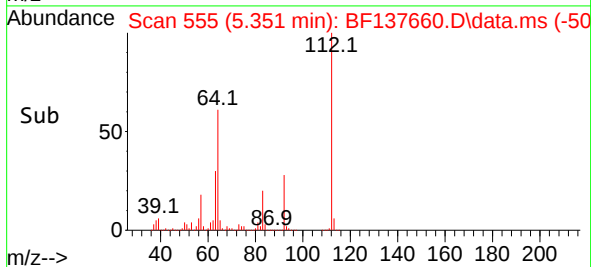
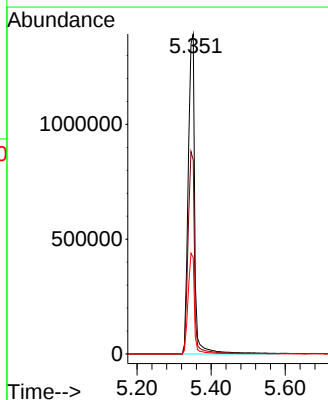
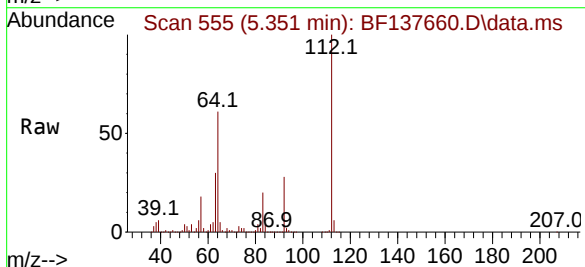
Instrument :
BNA_F
ClientSampleId :
PB159709BL

Tgt Ion:152 Resp: 218764
Ion Ratio Lower Upper
152 100
150 152.6 125.8 188.6
115 58.3 48.8 73.2



#5
2-Fluorophenol
Concen: 117.551 ng
RT: 5.351 min Scan# 555
Delta R.T. 0.017 min
Lab File: BF137660.D
Acq: 21 Mar 2024 14:51

Tgt Ion:112 Resp: 1697937
Ion Ratio Lower Upper
112 100
64 60.6 53.4 80.2
63 30.2 26.2 39.2

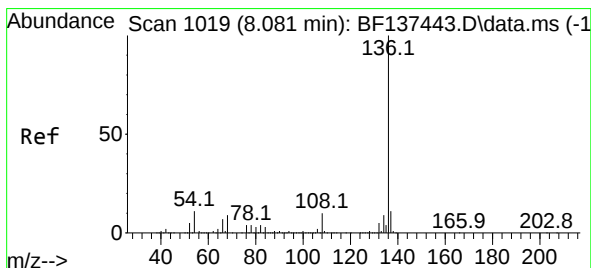
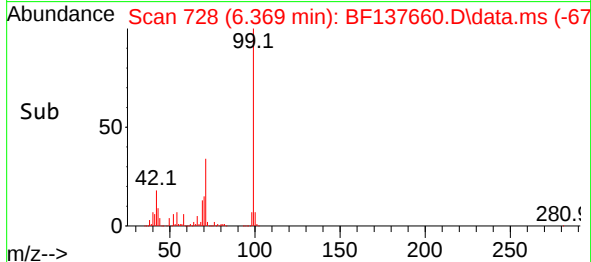
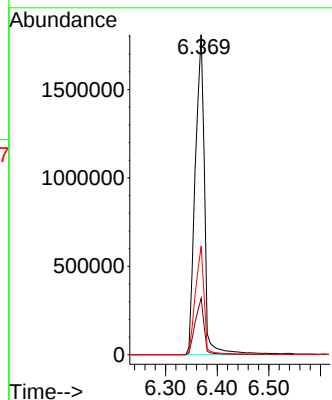
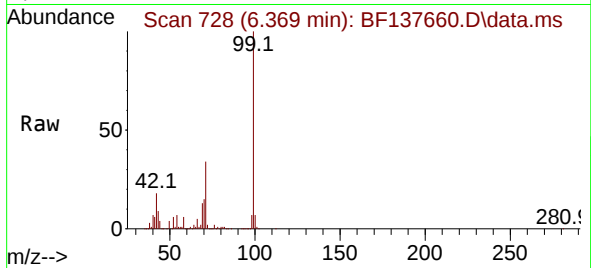




#7
Phenol-d6
Concen: 109.314 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137660.D
Acq: 21 Mar 2024 14:51

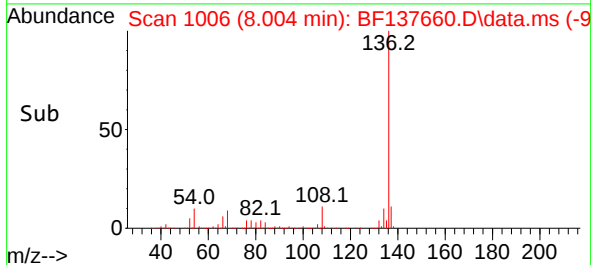
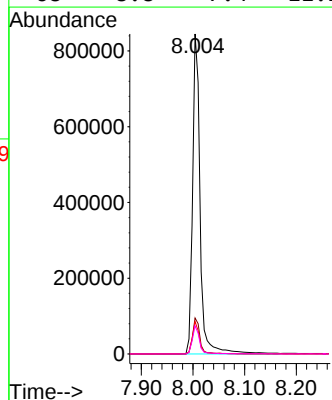
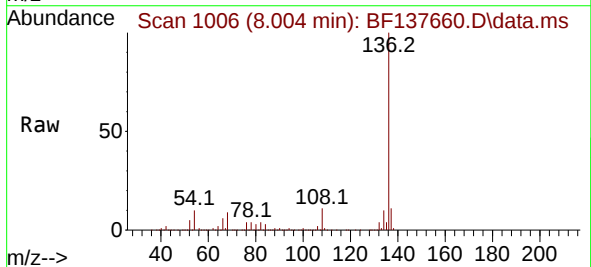
Instrument :
BNA_F
ClientSampleId :
PB159709BL

Tgt Ion: 99 Resp: 2279192
Ion Ratio Lower Upper
99 100
42 17.6 14.6 21.8
71 33.9 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: BF137660.D
Acq: 21 Mar 2024 14:51

Tgt Ion: 136 Resp: 855080
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 10.1 8.5 12.7
68 8.8 7.4 11.2





#23

Nitrobenzene-d5

Concen: 80.369 ng

RT: 7.292 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF137660.D

Acq: 21 Mar 2024 14:51

Instrument :

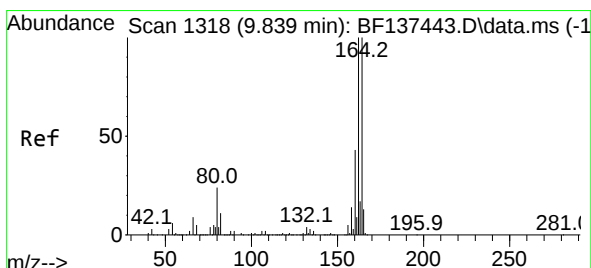
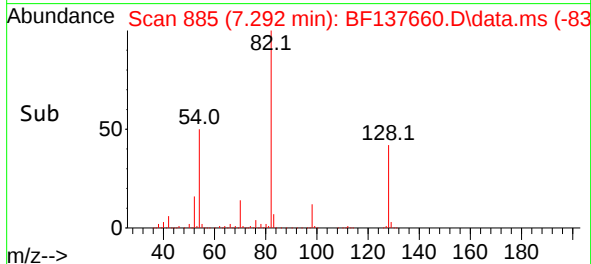
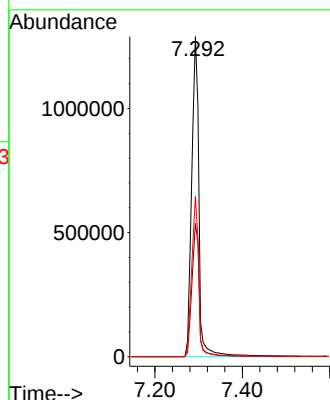
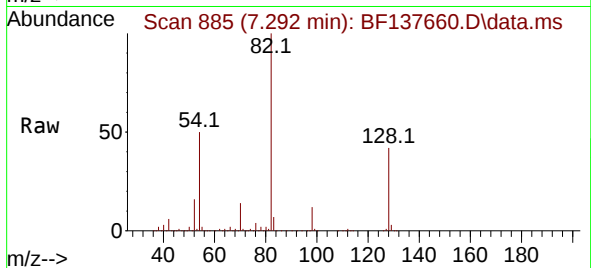
BNA_F

ClientSampleId :

PB159709BL

Tgt Ion: 82 Resp: 1479028

Ion	Ratio	Lower	Upper
82	100		
128	41.6	32.5	48.7
54	50.0	41.5	62.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.757 min Scan# 1304

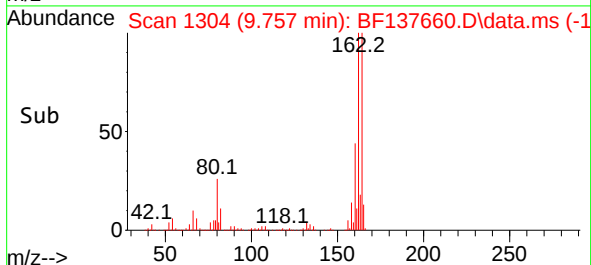
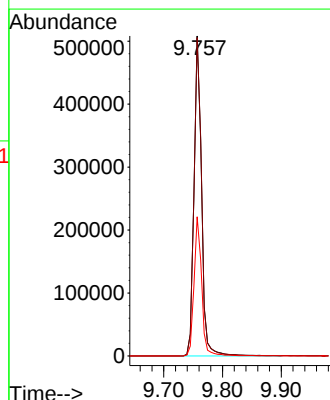
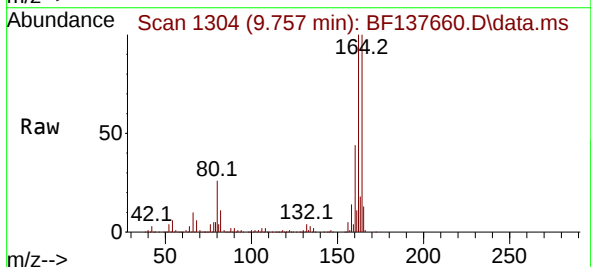
Delta R.T. -0.006 min

Lab File: BF137660.D

Acq: 21 Mar 2024 14:51

Tgt Ion: 164 Resp: 453094

Ion	Ratio	Lower	Upper
164	100		
162	99.5	79.8	119.8
160	43.5	34.4	51.6





#42

2,4,6-Tribromophenol

Concen: 126.343 ng

RT: 10.551 min Scan# 1453

Delta R.T. -0.000 min

Lab File: BF137660.D

Acq: 21 Mar 2024 14:51

Instrument :

BNA_F

ClientSampleId :

PB159709BL

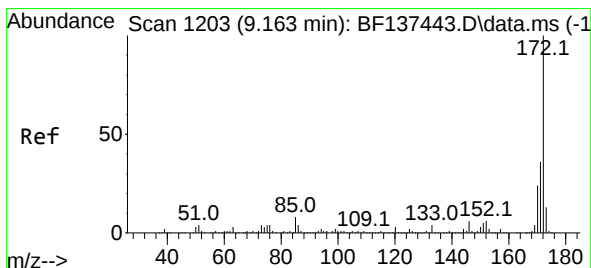
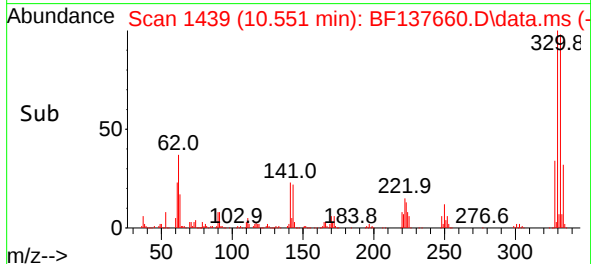
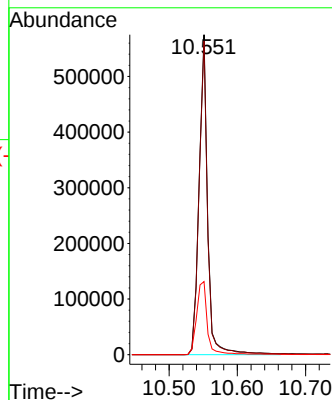
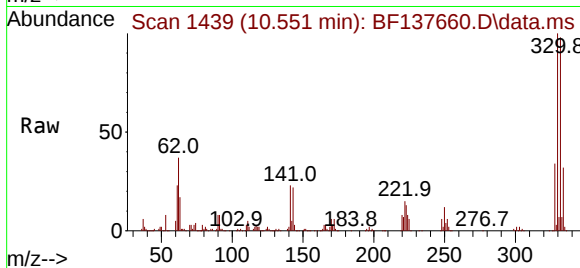
Tgt Ion:330 Resp: 502712

Ion Ratio Lower Upper

330 100

332 98.1 78.0 117.0

141 28.8 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 83.503 ng

RT: 9.086 min Scan# 1190

Delta R.T. -0.000 min

Lab File: BF137660.D

Acq: 21 Mar 2024 14:51

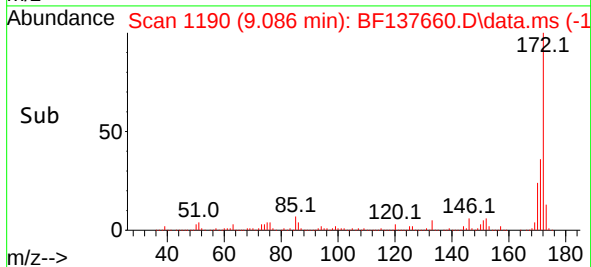
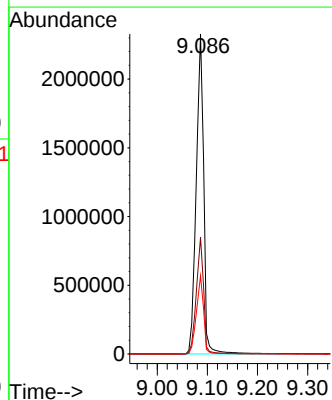
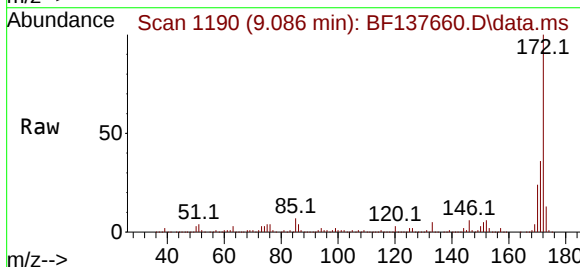
Tgt Ion:172 Resp: 2416983

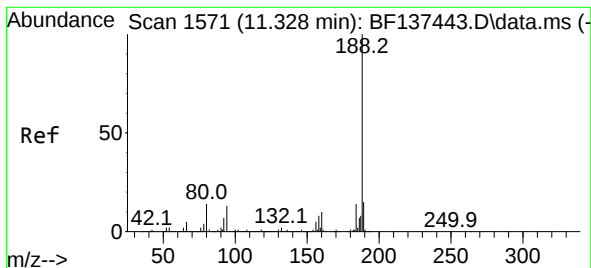
Ion Ratio Lower Upper

172 100

171 36.4 28.5 42.7

170 24.4 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: BF137660.D

Acq: 21 Mar 2024 14:51

Instrument :

BNA_F

ClientSampleId :

PB159709BL

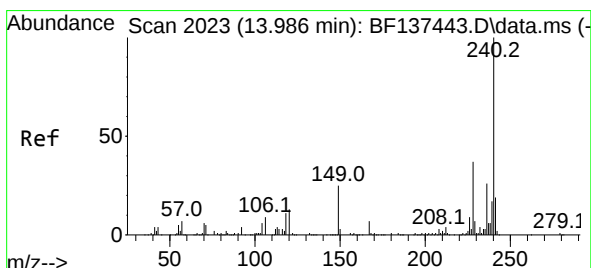
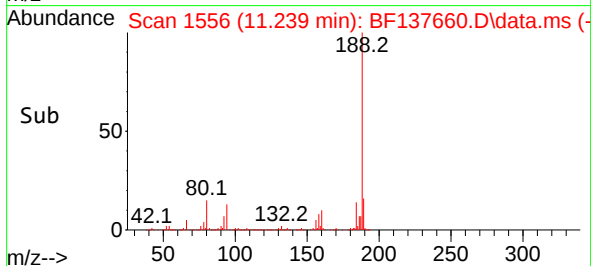
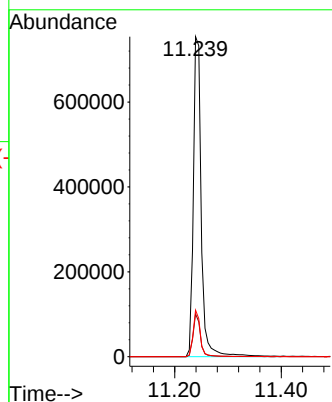
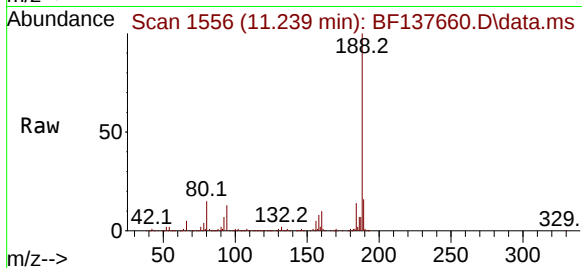
Tgt Ion:188 Resp: 782297

Ion Ratio Lower Upper

188 100

94 13.3 10.6 15.8

80 14.6 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: BF137660.D

Acq: 21 Mar 2024 14:51

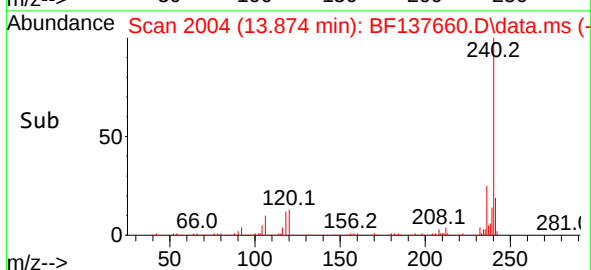
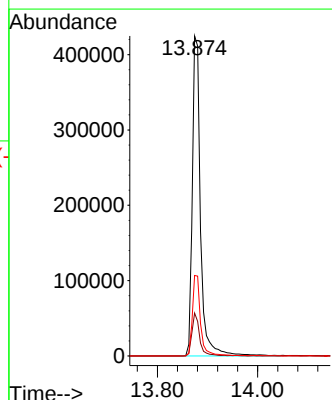
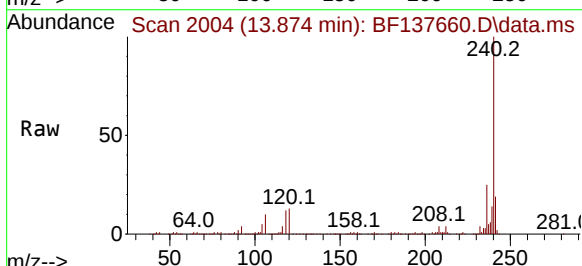
Tgt Ion:240 Resp: 482699

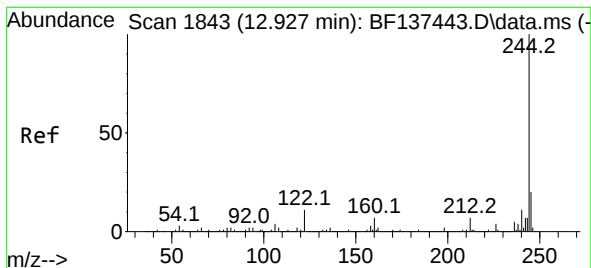
Ion Ratio Lower Upper

240 100

120 13.4 10.4 15.6

236 25.1 20.9 31.3





#79

Terphenyl-d14

Concen: 73.606 ng

RT: 12.833 min Scan# 1843

Delta R.T. 0.006 min

Lab File: BF137660.D

Acq: 21 Mar 2024 14:51

Instrument :

BNA_F

ClientSampleId :

PB159709BL

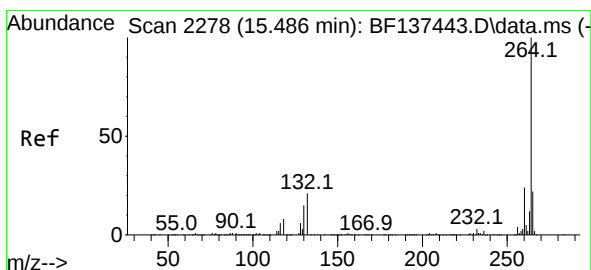
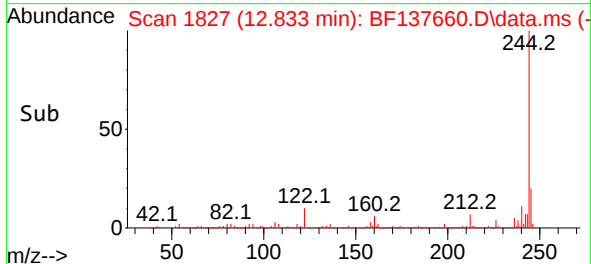
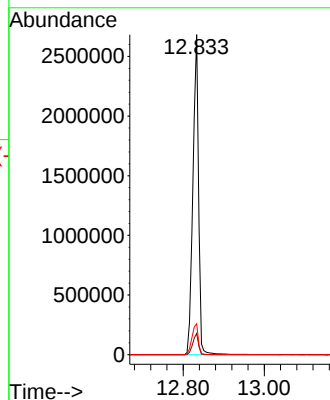
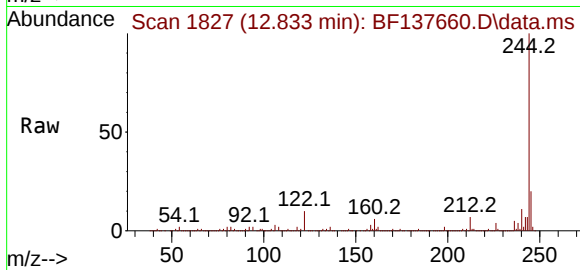
Tgt Ion:244 Resp: 2583766

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.2

122 9.6 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: BF137660.D

Acq: 21 Mar 2024 14:51

Tgt Ion:264 Resp: 409239

Ion Ratio Lower Upper

264 100

260 23.3 19.3 28.9

265 21.6 17.4 26.0

