

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031424\
 Data File : BF137590.D
 Acq On : 14 Mar 2024 15:01
 Operator : CG\JU
 Sample : PB159568BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159568BL

Quant Time: Mar 14 15:34:10 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	225387	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	874080	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	444676	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	755594	20.000	ng	0.00
76) Chrysene-d12	13.874	240	474210	20.000	ng	0.00
86) Perylene-d12	15.292	264	413045	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	1719018	115.513	ng	0.01
7) Phenol-d6	6.369	99	2306518	107.374	ng	0.00
23) Nitrobenzene-d5	7.292	82	1427811	75.899	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	462294	118.384	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	2261055	79.594	ng	0.00
79) Terphenyl-d14	12.827	244	2315663	67.149	ng	0.00

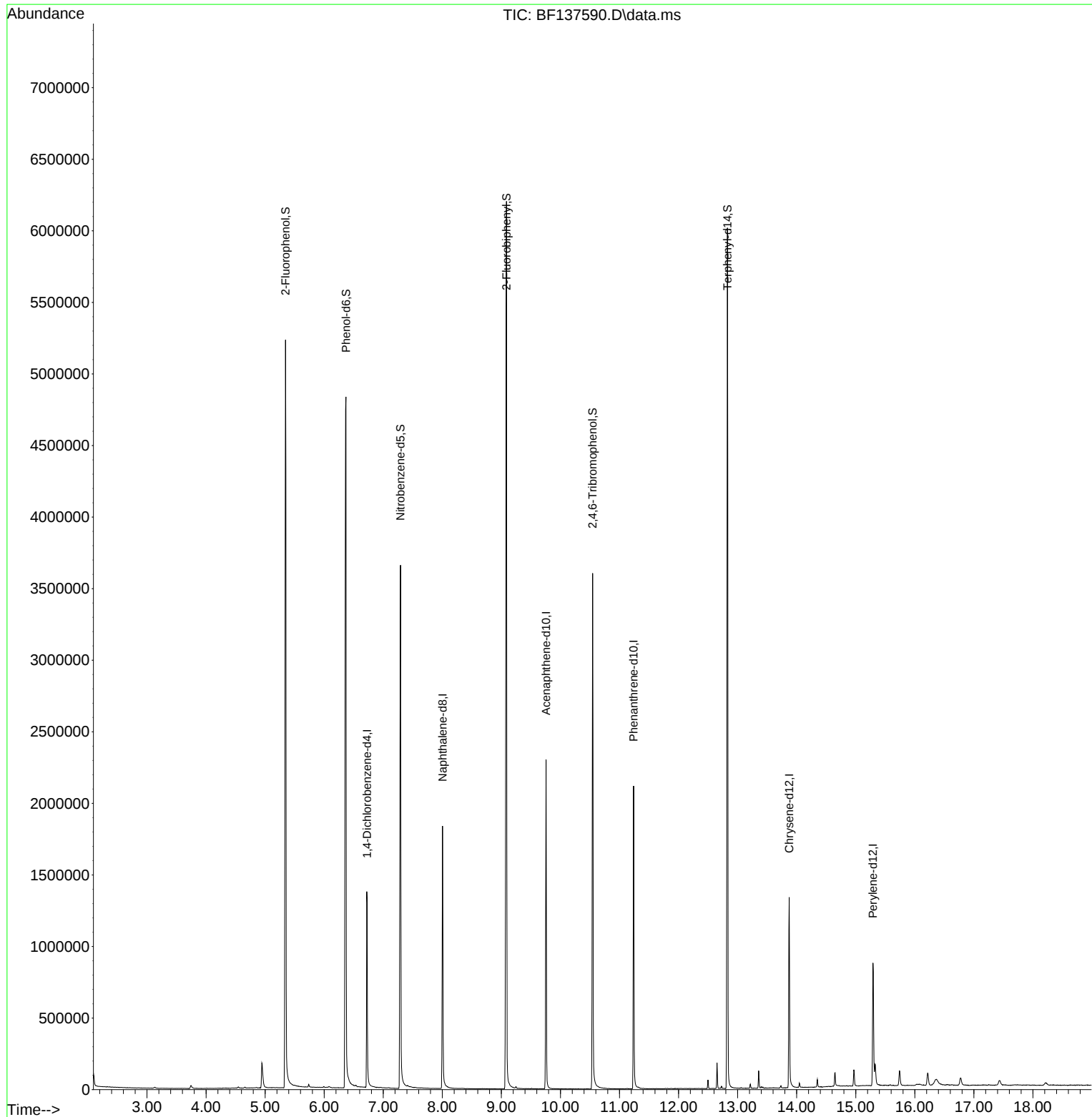
Target Compounds	Qvalue

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

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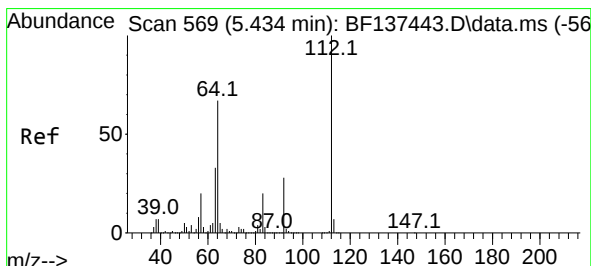
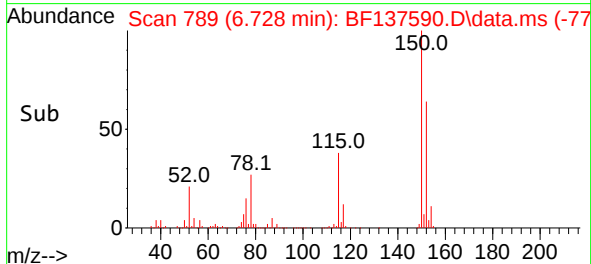
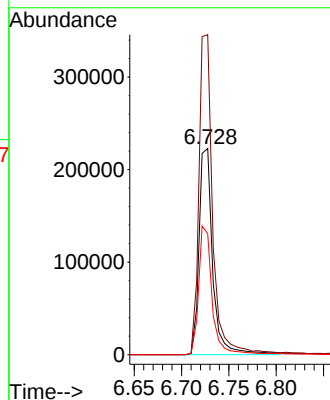
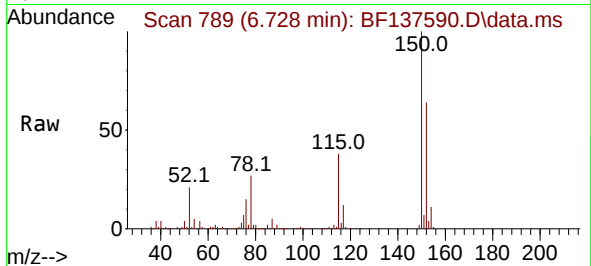




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137590.D
Acq: 14 Mar 2024 15:01

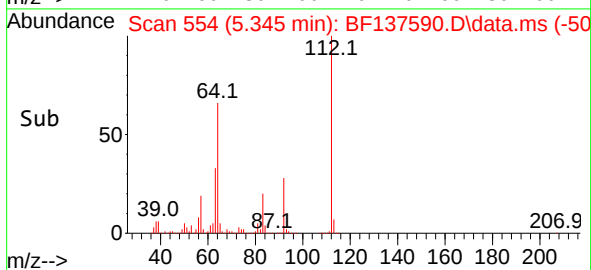
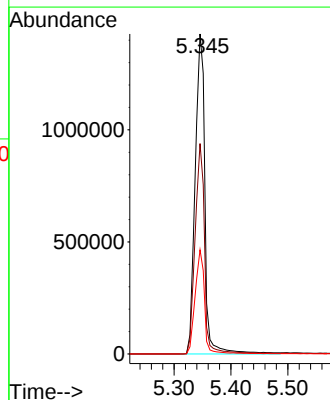
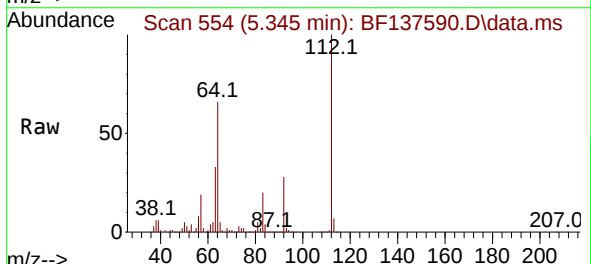
Instrument :
BNA_F
ClientSampleId :
PB159568BL

Tgt Ion:152 Resp: 225387
Ion Ratio Lower Upper
152 100
150 155.2 125.8 188.6
115 58.7 48.8 73.2



#5
2-Fluorophenol
Concen: 115.513 ng
RT: 5.345 min Scan# 554
Delta R.T. 0.012 min
Lab File: BF137590.D
Acq: 14 Mar 2024 15:01

Tgt Ion:112 Resp: 1719018
Ion Ratio Lower Upper
112 100
64 65.7 53.4 80.2
63 32.6 26.2 39.2

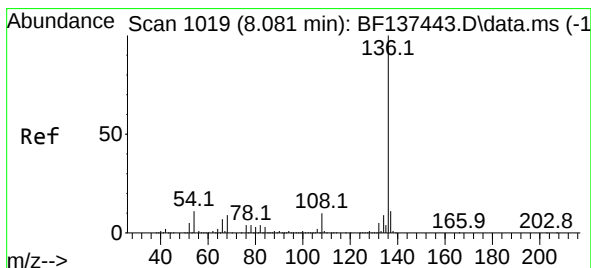
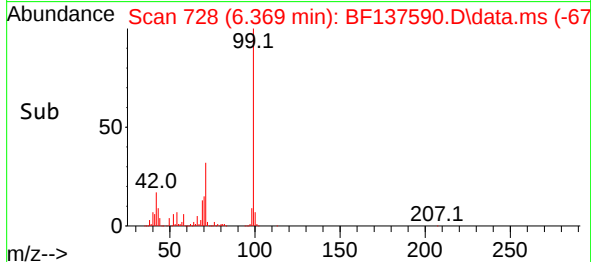
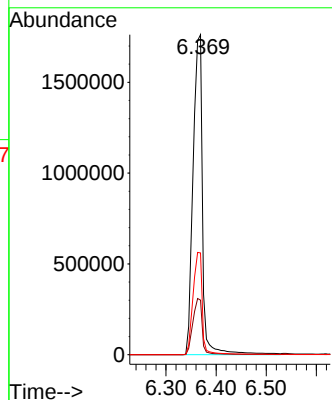
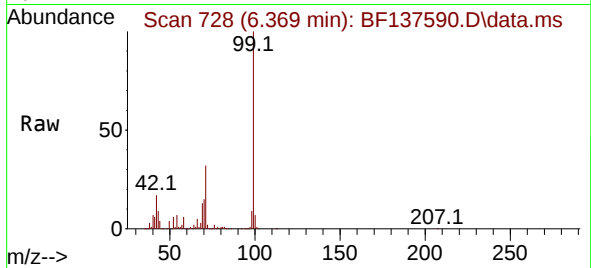




#7
Phenol-d6
Concen: 107.374 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137590.D
Acq: 14 Mar 2024 15:01

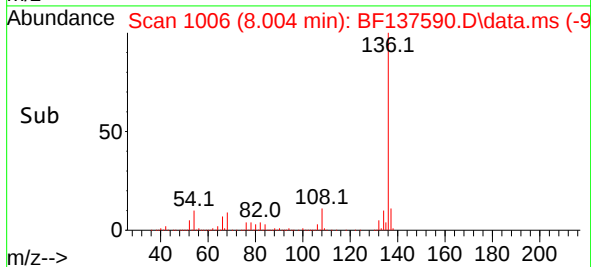
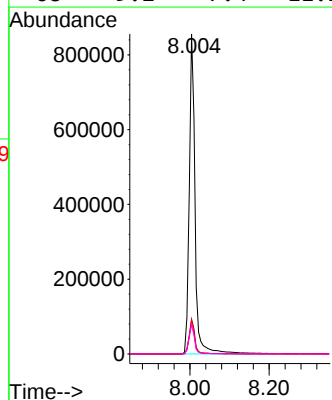
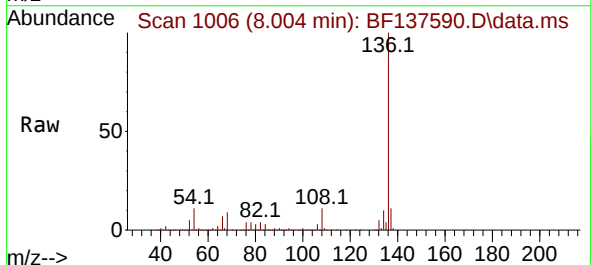
Instrument :
BNA_F
ClientSampleId :
PB159568BL

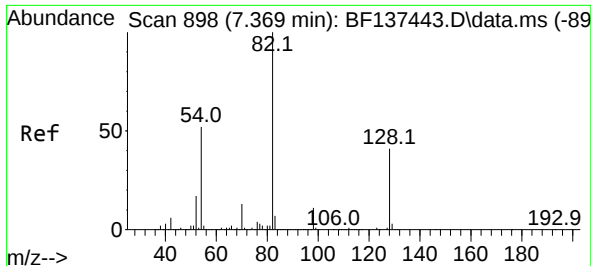
Tgt Ion: 99 Resp: 2306518
Ion Ratio Lower Upper
99 100
42 17.0 14.6 21.8
71 31.8 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF137590.D
Acq: 14 Mar 2024 15:01

Tgt Ion: 136 Resp: 874080
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 10.6 8.5 12.7
68 9.2 7.4 11.2





#23

Nitrobenzene-d5

Concen: 75.899 ng

RT: 7.292 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF137590.D

Acq: 14 Mar 2024 15:01

Instrument :

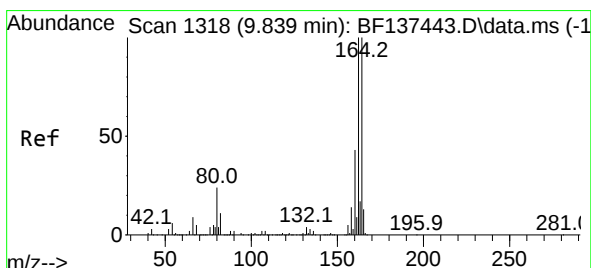
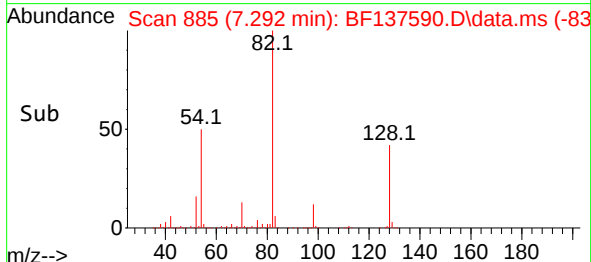
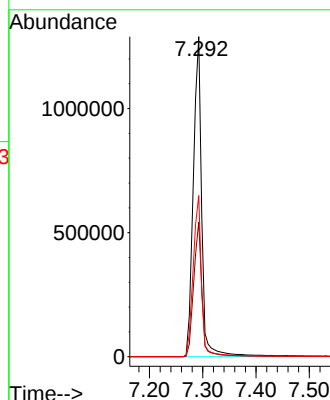
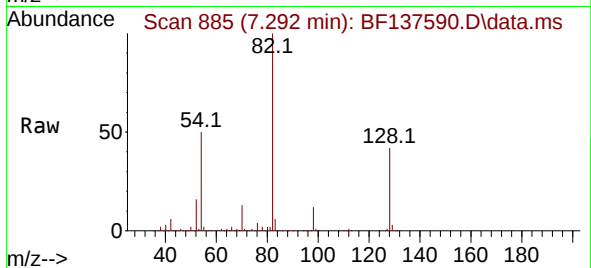
BNA_F

ClientSampleId :

PB159568BL

Tgt Ion: 82 Resp: 1427811

Ion	Ratio	Lower	Upper
82	100		
128	42.1	32.5	48.7
54	50.3	41.5	62.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.757 min Scan# 1304

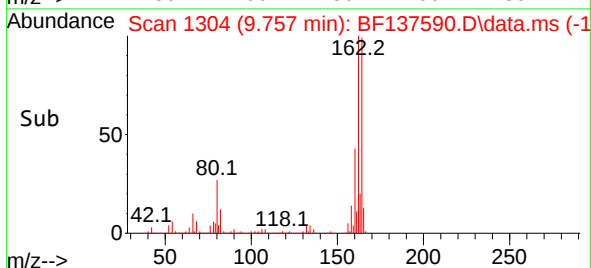
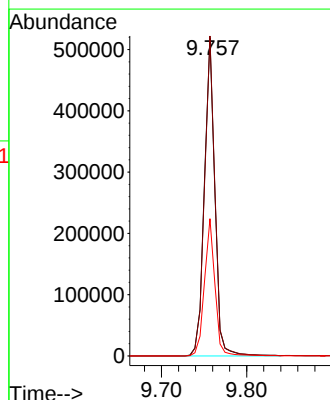
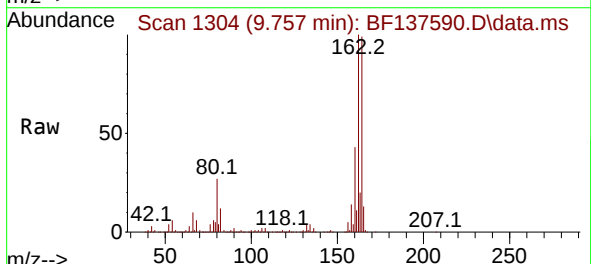
Delta R.T. -0.006 min

Lab File: BF137590.D

Acq: 14 Mar 2024 15:01

Tgt Ion: 164 Resp: 444676

Ion	Ratio	Lower	Upper
164	100		
162	100.6	79.8	119.8
160	43.2	34.4	51.6





#42

2,4,6-Tribromophenol

Concen: 118.384 ng

RT: 10.545 min Scan# 1453

Delta R.T. -0.006 min

Lab File: BF137590.D

Acq: 14 Mar 2024 15:01

Instrument :

BNA_F

ClientSampleId :

PB159568BL

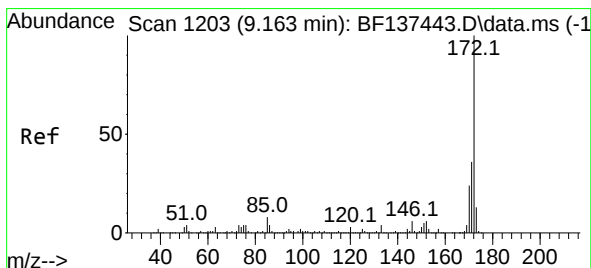
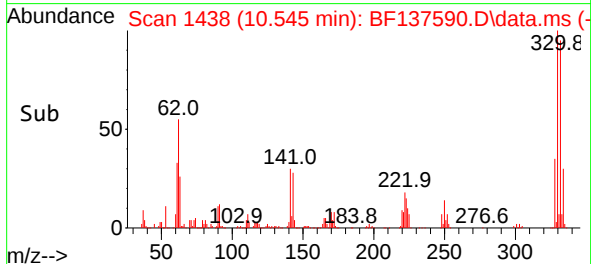
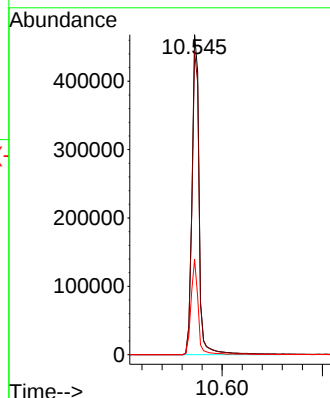
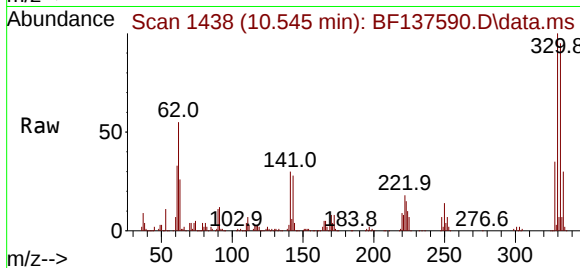
Tgt Ion:330 Resp: 462294

Ion Ratio Lower Upper

330 100

332 95.7 78.0 117.0

141 29.3 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 79.594 ng

RT: 9.086 min Scan# 1190

Delta R.T. -0.000 min

Lab File: BF137590.D

Acq: 14 Mar 2024 15:01

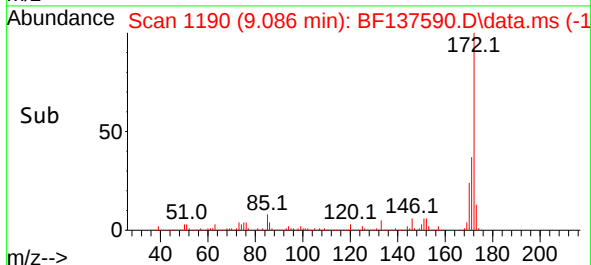
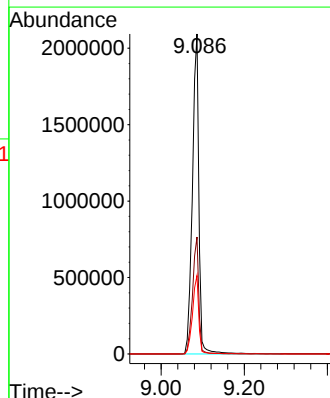
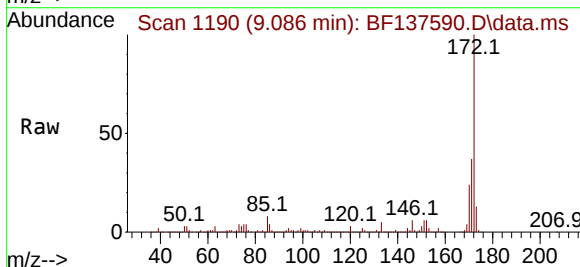
Tgt Ion:172 Resp: 2261055

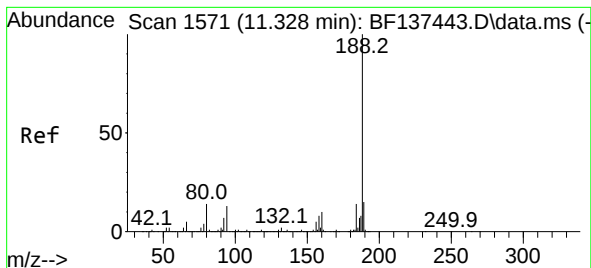
Ion Ratio Lower Upper

172 100

171 36.6 28.5 42.7

170 24.5 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: BF137590.D

Acq: 14 Mar 2024 15:01

Instrument :

BNA_F

ClientSampleId :

PB159568BL

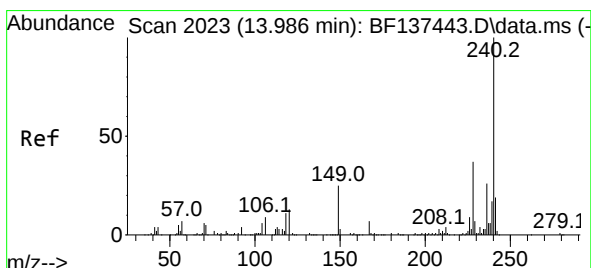
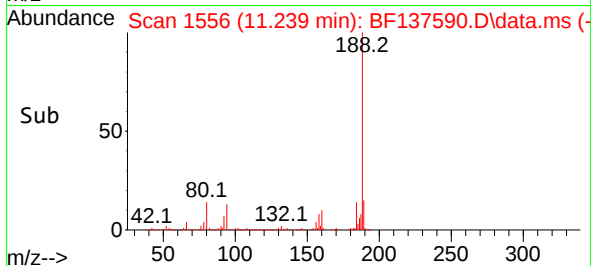
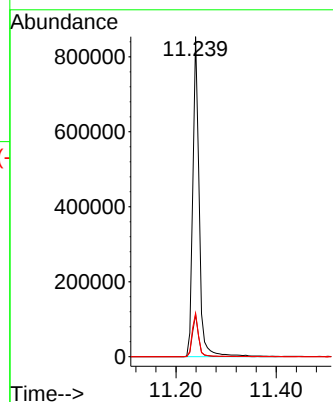
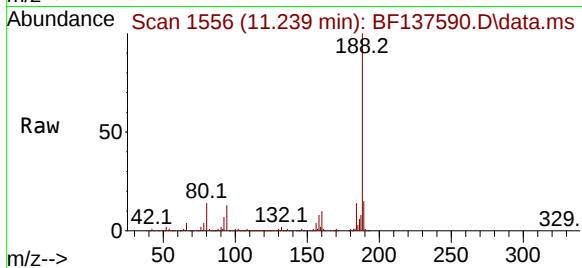
Tgt Ion:188 Resp: 755594

Ion Ratio Lower Upper

188 100

94 13.1 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: BF137590.D

Acq: 14 Mar 2024 15:01

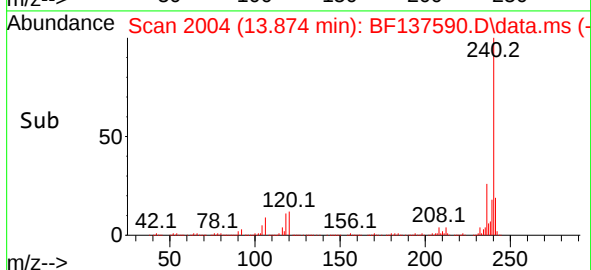
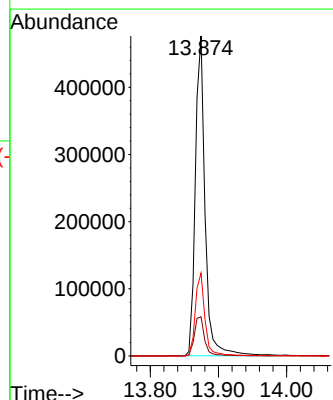
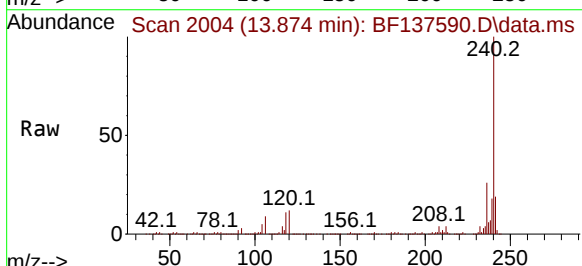
Tgt Ion:240 Resp: 474210

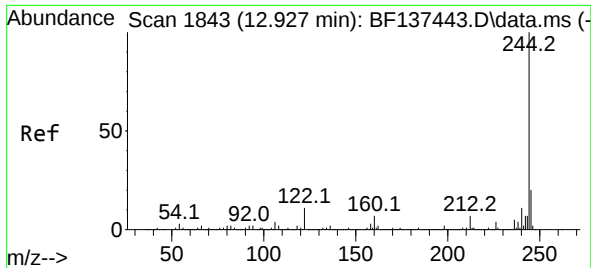
Ion Ratio Lower Upper

240 100

120 12.3 10.4 15.6

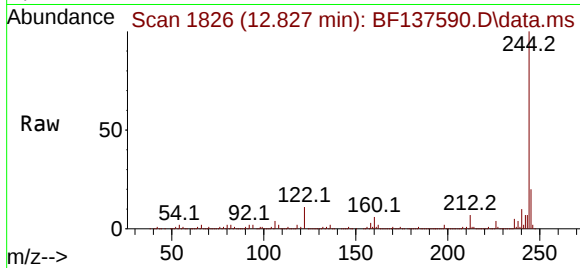
236 25.9 20.9 31.3



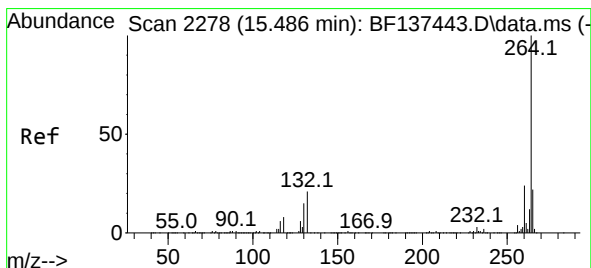
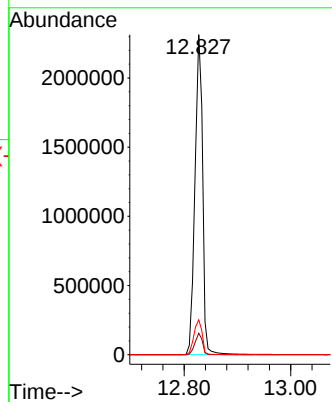
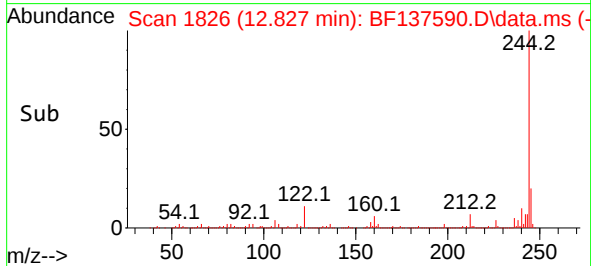


#79
Terphenyl-d14
Concen: 67.149 ng
RT: 12.827 min Scan# 1843
Delta R.T. -0.000 min
Lab File: BF137590.D
Acq: 14 Mar 2024 15:01

Instrument :
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Tgt Ion:244 Resp: 2315663
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.2
122 10.9 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: BF137590.D
Acq: 14 Mar 2024 15:01

Tgt Ion:264 Resp: 413045
Ion Ratio Lower Upper
264 100
260 24.4 19.3 28.9
265 22.0 17.4 26.0

