

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031424\
 Data File : BF137592.D
 Acq On : 14 Mar 2024 16:00
 Operator : CG\JU
 Sample : PB159559TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159559TB

Quant Time: Mar 14 16:21:27 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	6.722	152	197507	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	772677	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	407935	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	662025	20.000	ng	0.00
76) Chrysene-d12	13.874	240	414696	20.000	ng	0.00
86) Perylene-d12	15.292	264	355084	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1617261	124.016	ng	0.01
7) Phenol-d6	6.363	99	2186734	116.168	ng	0.00
23) Nitrobenzene-d5	7.293	82	1338491	80.489	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	428020	119.479	ng	0.00
45) 2-Fluorobiphenyl	9.087	172	2160862	82.918	ng	0.00
79) Terphenyl-d14	12.827	244	2112018	70.033	ng	0.00

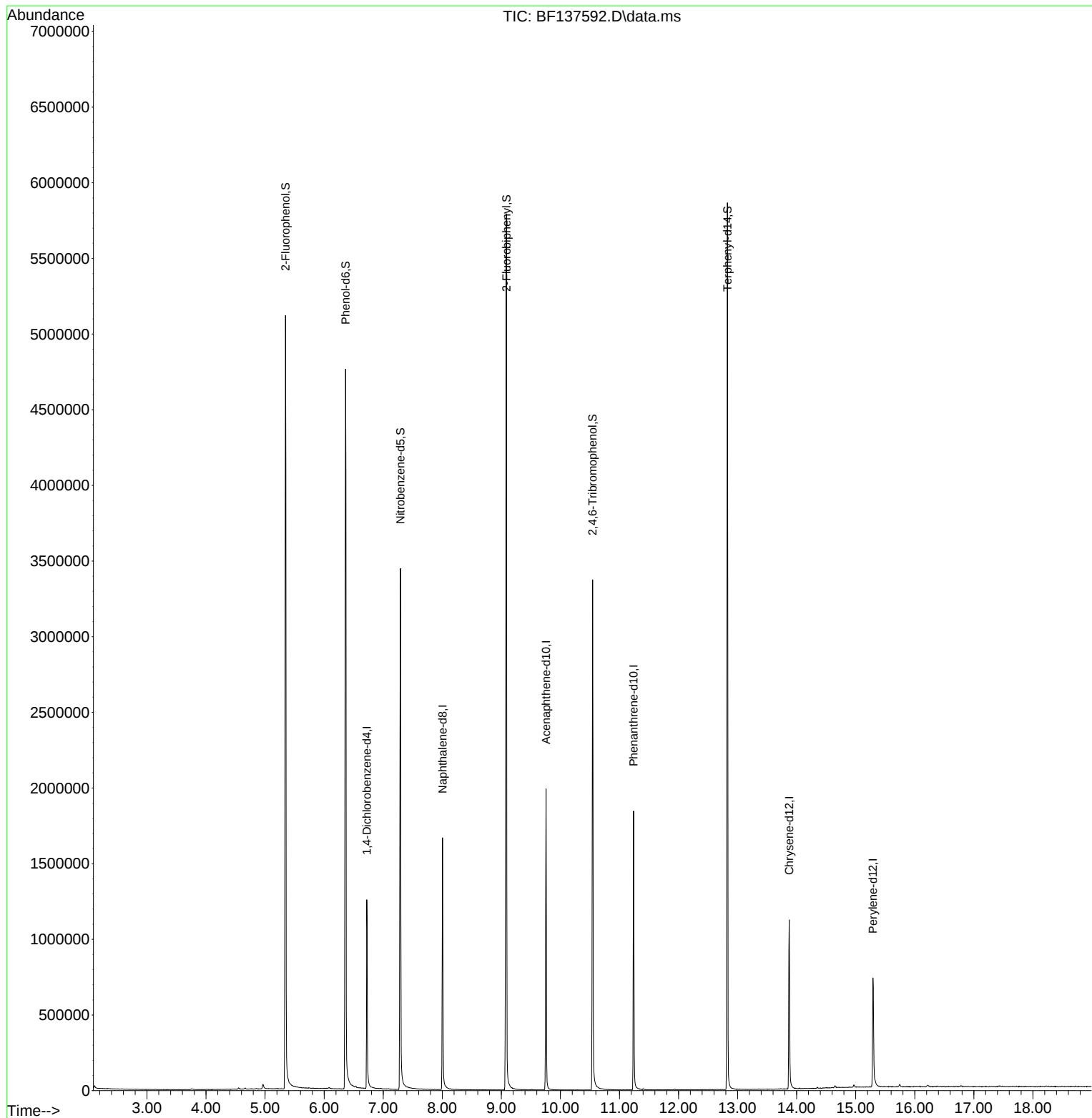
Target Compounds	Qvalue

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

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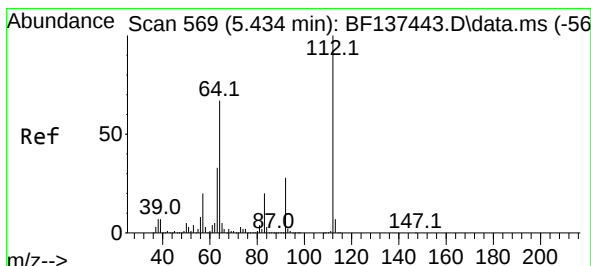
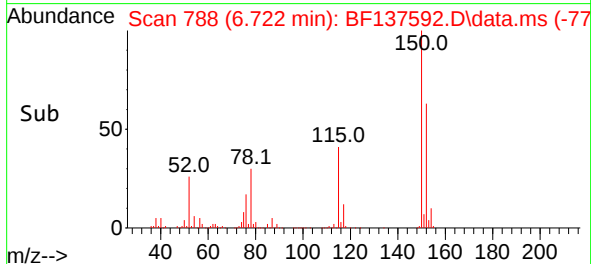
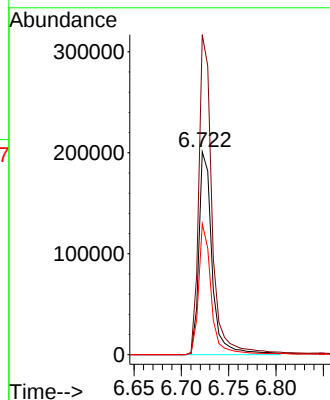
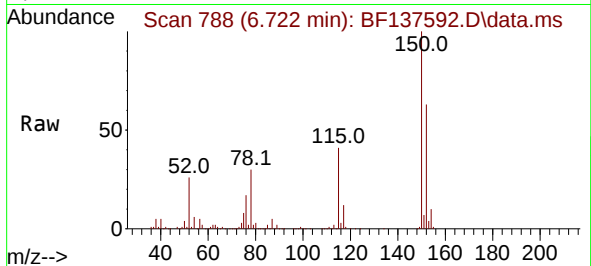




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137592.D
Acq: 14 Mar 2024 16:00

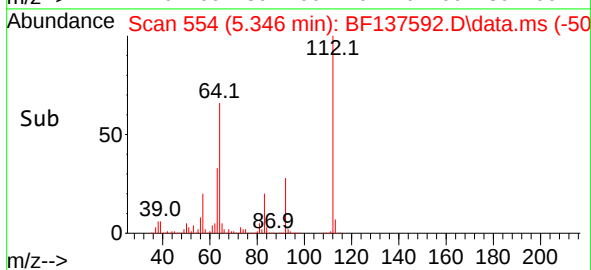
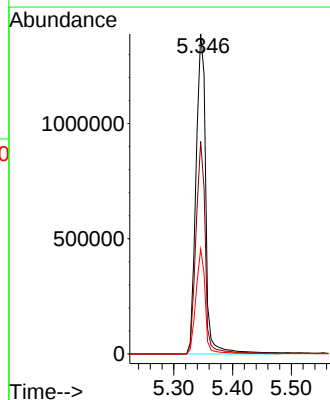
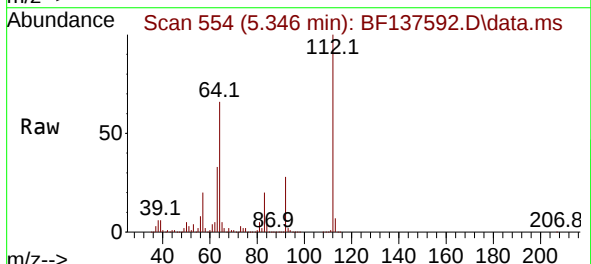
Instrument :
BNA_F
ClientSampleId :
PB159559TB

Tgt Ion:152 Resp: 197507
Ion Ratio Lower Upper
152 100
150 157.7 125.8 188.6
115 64.5 48.8 73.2



#5
2-Fluorophenol
Concen: 124.016 ng
RT: 5.346 min Scan# 554
Delta R.T. 0.012 min
Lab File: BF137592.D
Acq: 14 Mar 2024 16:00

Tgt Ion:112 Resp: 1617261
Ion Ratio Lower Upper
112 100
64 66.4 53.4 80.2
63 32.8 26.2 39.2

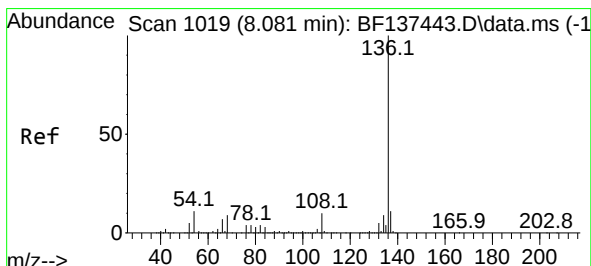
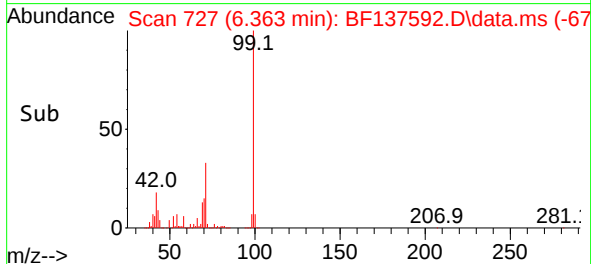
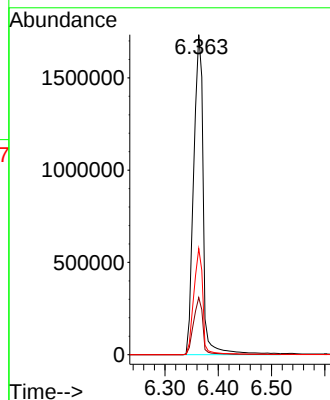
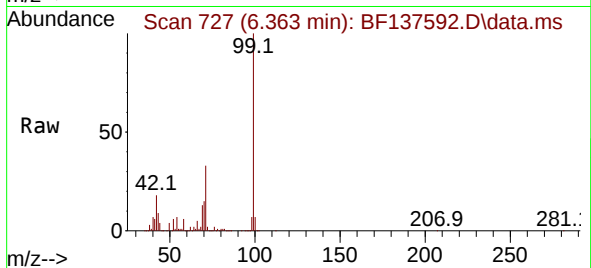




#7
Phenol-d6
Concen: 116.168 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137592.D
Acq: 14 Mar 2024 16:00

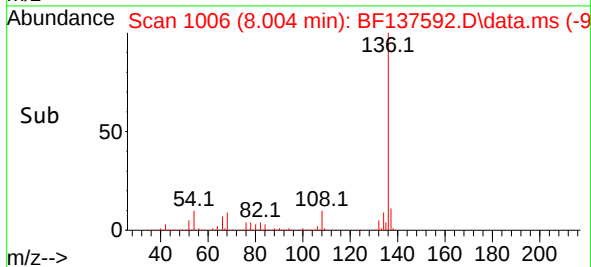
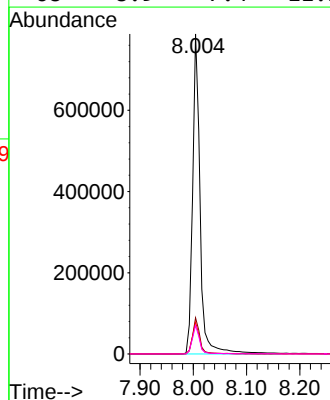
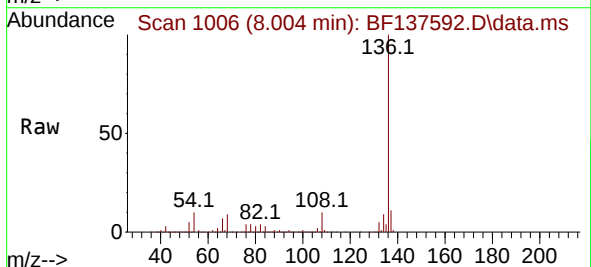
Instrument :
BNA_F
ClientSampleId :
PB159559TB

Tgt Ion: 99 Resp: 2186734
Ion Ratio Lower Upper
99 100
42 17.9 14.6 21.8
71 33.1 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: BF137592.D
Acq: 14 Mar 2024 16:00

Tgt Ion: 136 Resp: 772677
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 9.9 8.5 12.7
68 8.9 7.4 11.2





#23

Nitrobenzene-d5

Concen: 80.489 ng

RT: 7.293 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF137592.D

Acq: 14 Mar 2024 16:00

Instrument :

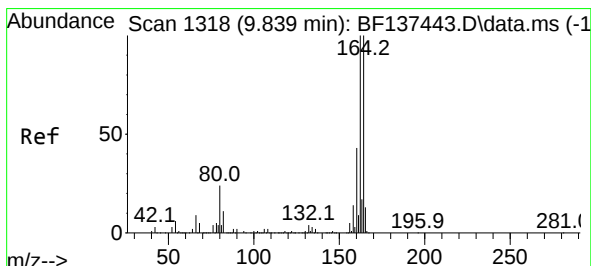
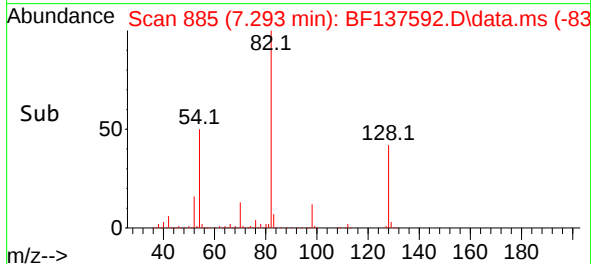
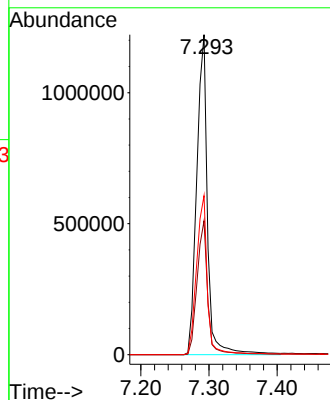
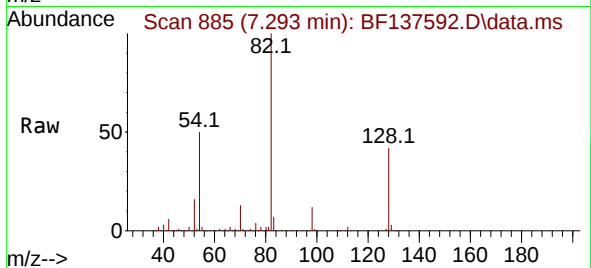
BNA_F

ClientSampleId :

PB159559TB

Tgt Ion: 82 Resp: 1338491

Ion	Ratio	Lower	Upper
82	100		
128	41.9	32.5	48.7
54	49.7	41.5	62.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.757 min Scan# 1304

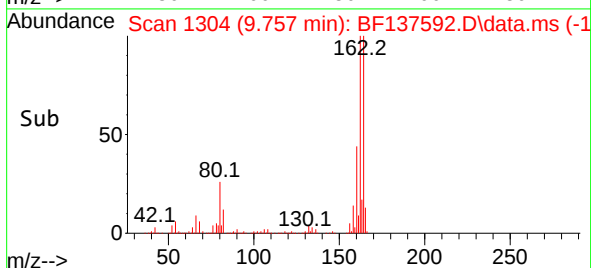
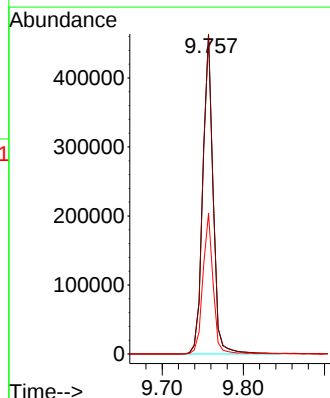
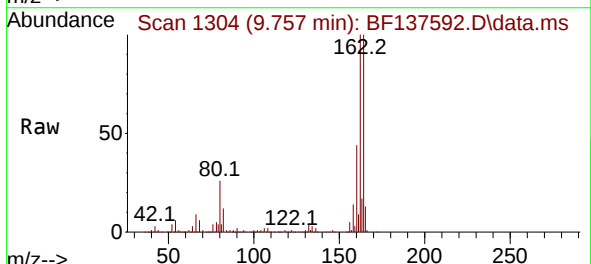
Delta R.T. -0.006 min

Lab File: BF137592.D

Acq: 14 Mar 2024 16:00

Tgt Ion: 164 Resp: 407935

Ion	Ratio	Lower	Upper
164	100		
162	100.1	79.8	119.8
160	44.0	34.4	51.6





#42

2,4,6-Tribromophenol

Concen: 119.479 ng

RT: 10.545 min Scan# 1453

Delta R.T. -0.006 min

Lab File: BF137592.D

Acq: 14 Mar 2024 16:00

Instrument :

BNA_F

ClientSampleId :

PB159559TB

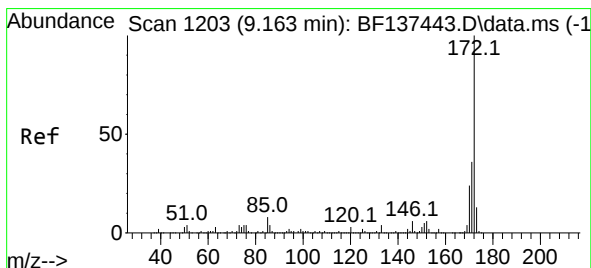
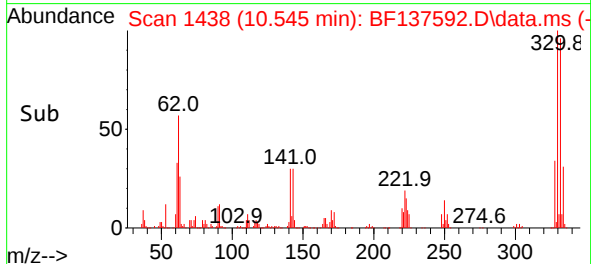
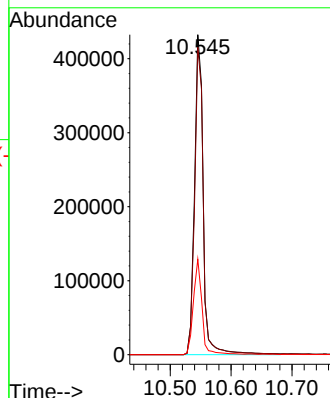
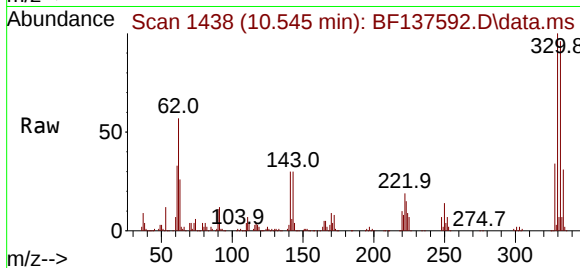
Tgt Ion:330 Resp: 428020

Ion Ratio Lower Upper

330 100

332 96.2 78.0 117.0

141 29.6 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 82.918 ng

RT: 9.087 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF137592.D

Acq: 14 Mar 2024 16:00

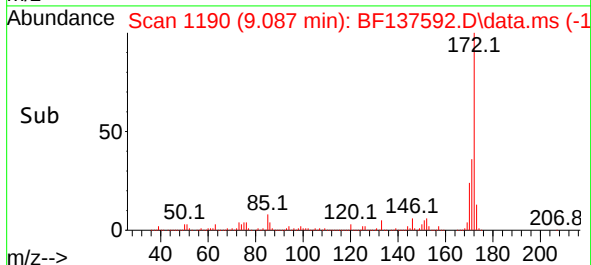
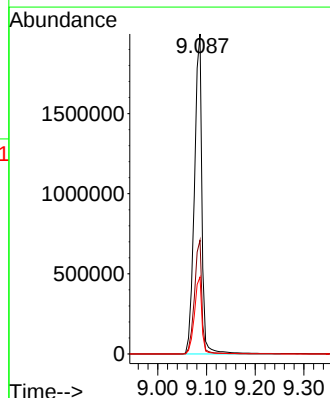
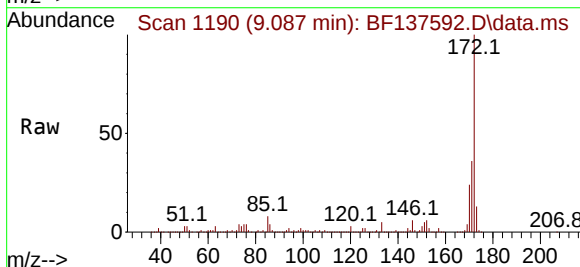
Tgt Ion:172 Resp: 2160862

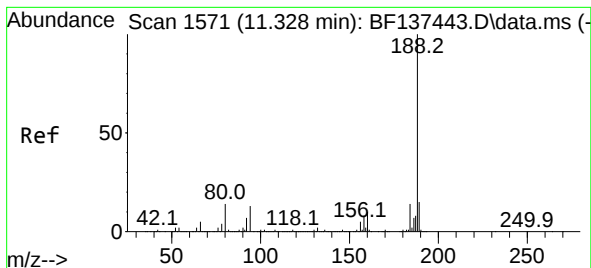
Ion Ratio Lower Upper

172 100

171 35.5 28.5 42.7

170 24.0 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: BF137592.D

Acq: 14 Mar 2024 16:00

Instrument :

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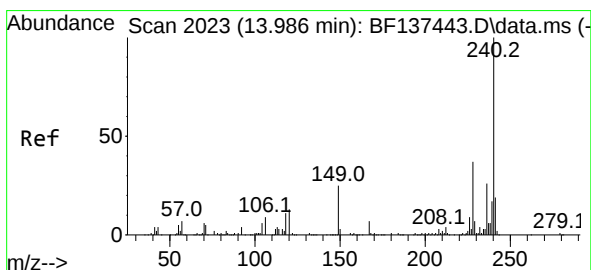
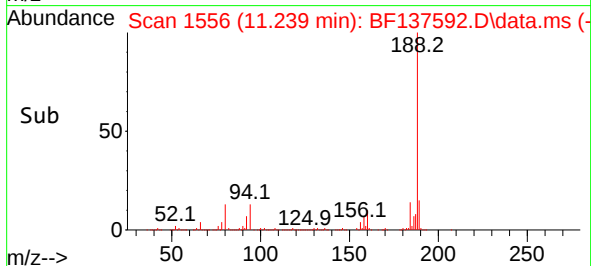
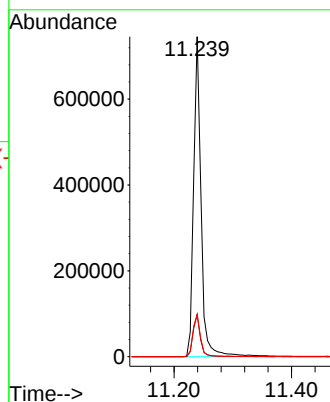
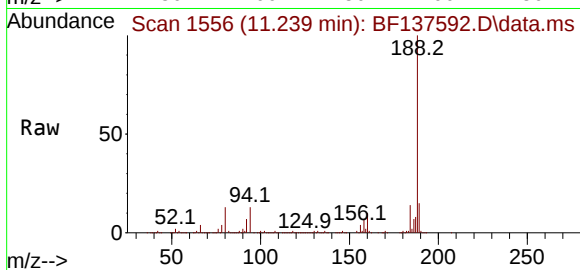
Tgt Ion:188 Resp: 662025

Ion Ratio Lower Upper

188 100

94 13.1 10.6 15.8

80 13.2 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: BF137592.D

Acq: 14 Mar 2024 16:00

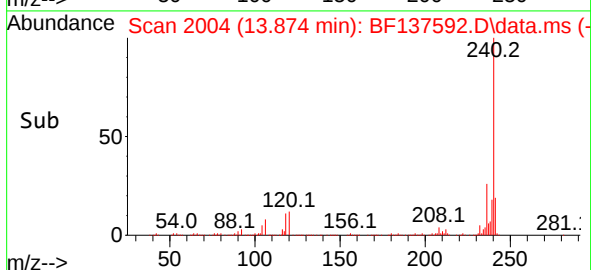
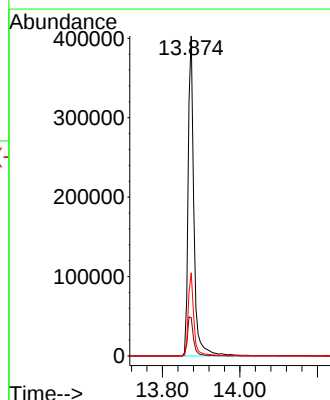
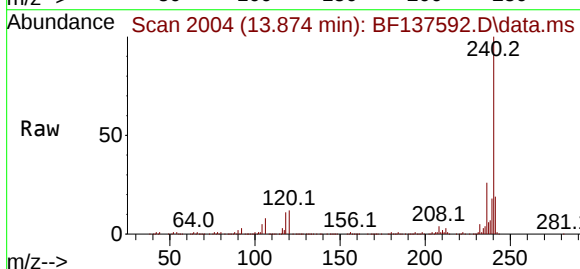
Tgt Ion:240 Resp: 414696

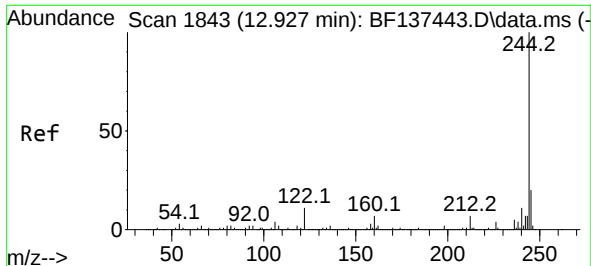
Ion Ratio Lower Upper

240 100

120 12.0 10.4 15.6

236 26.0 20.9 31.3

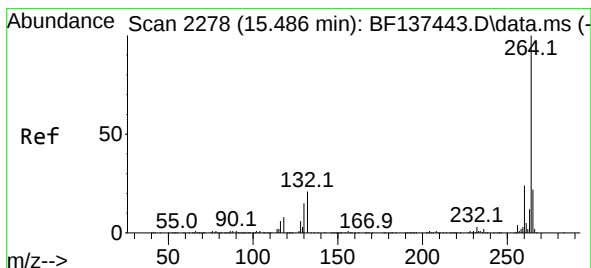
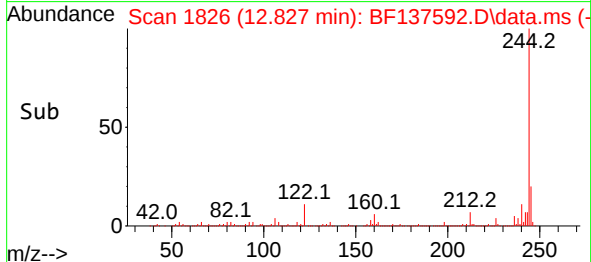
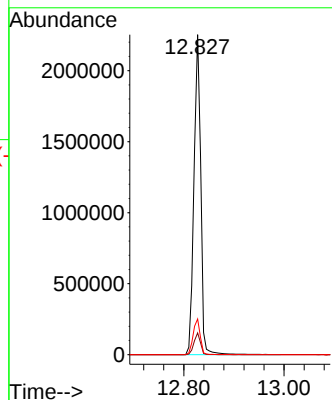
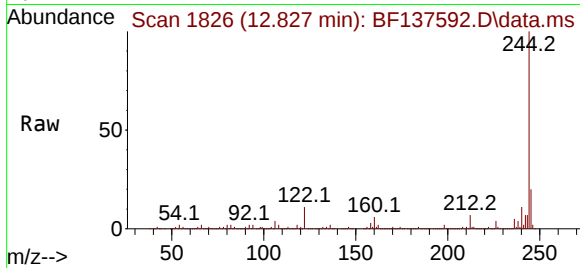




#79
 Terphenyl-d14
 Concen: 70.033 ng
 RT: 12.827 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF137592.D
 Acq: 14 Mar 2024 16:00

Instrument :
 BNA_F
 ClientSampleId :
 PB159559TB

Tgt Ion:244 Resp: 2112018
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 11.1 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: BF137592.D
 Acq: 14 Mar 2024 16:00

Tgt Ion:264 Resp: 355084
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.3 28.9
 265 21.3 17.4 26.0

