

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042424\
 Data File : BF137710.D
 Acq On : 24 Apr 2024 10:32
 Operator : CG\JU
 Sample : PB160424BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160424BL

Quant Time: Apr 24 11:52:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 03:57:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.063	152	323560	20.000	ng	0.00
21) Naphthalene-d8	8.345	136	1315906	20.000	ng	0.00
39) Acenaphthene-d10	10.110	164	753640	20.000	ng	0.00
64) Phenanthrene-d10	11.604	188	1386847	20.000	ng	0.00
76) Chrysene-d12	14.257	240	1093484	20.000	ng	# 0.00
86) Perylene-d12	15.833	264	964757	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.698	112	2153934	101.122	ng	0.02
7) Phenol-d6	6.675	99	2649230	97.942	ng	0.00
23) Nitrobenzene-d5	7.622	82	1678376	67.705	ng	0.00
42) 2,4,6-Tribromophenol	10.904	330	783951	103.086	ng	0.00
45) 2-Fluorobiphenyl	9.422	172	3258463	64.604	ng	0.00
79) Terphenyl-d14	13.198	244	4105469	60.431	ng	0.00

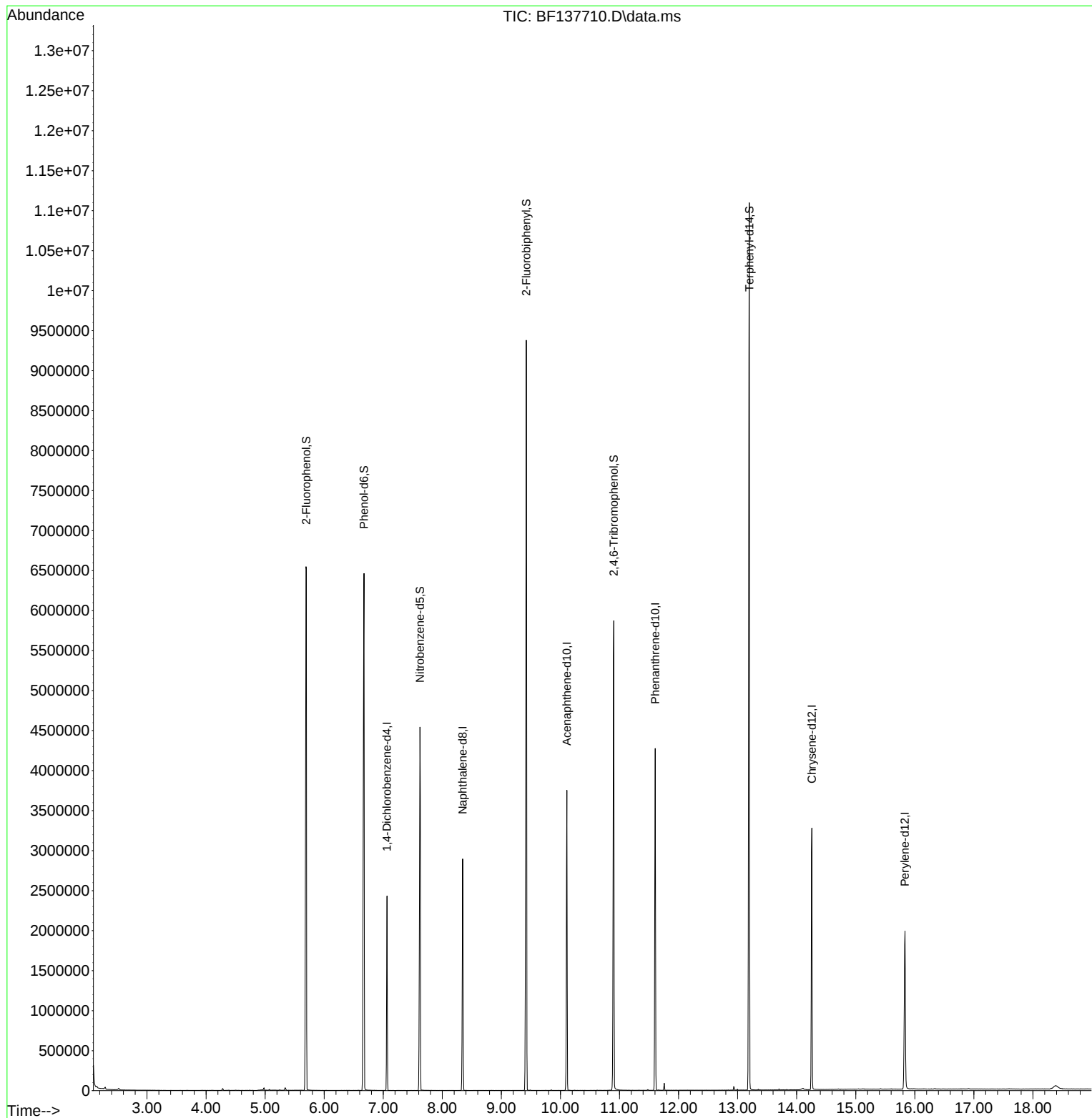
Target Compounds	Qvalue

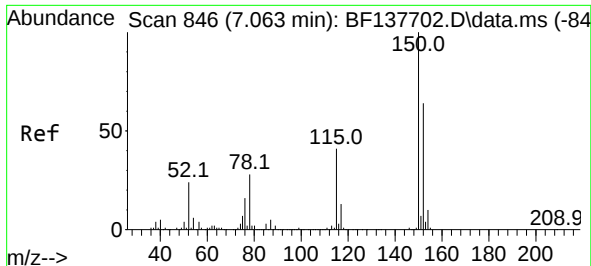
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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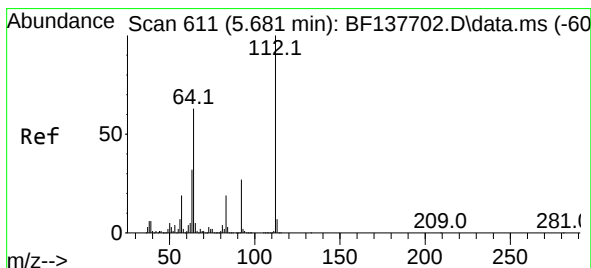
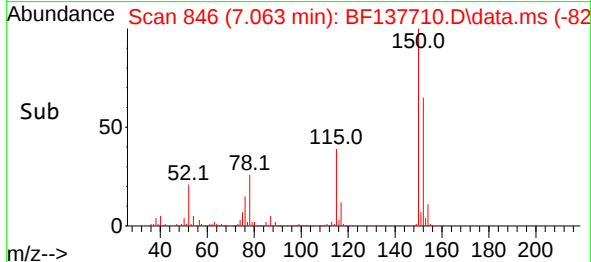
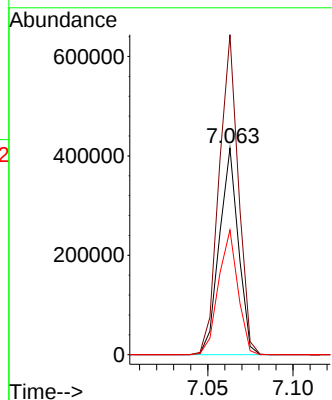
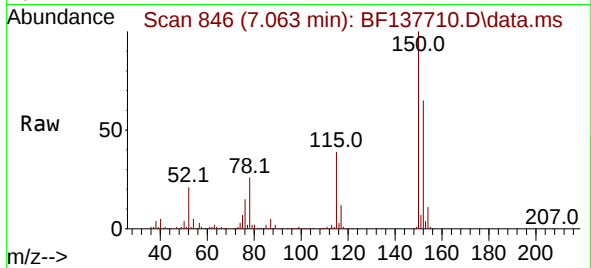




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.063 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF137710.D
Acq: 24 Apr 2024 10:32

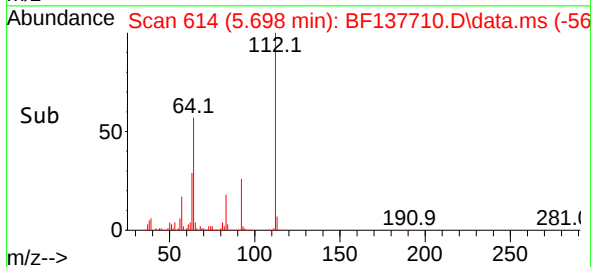
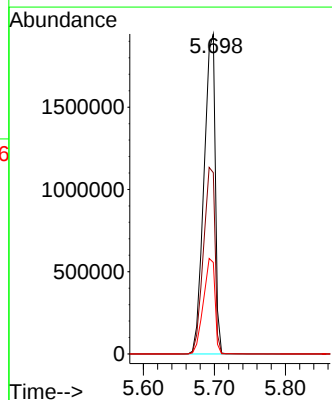
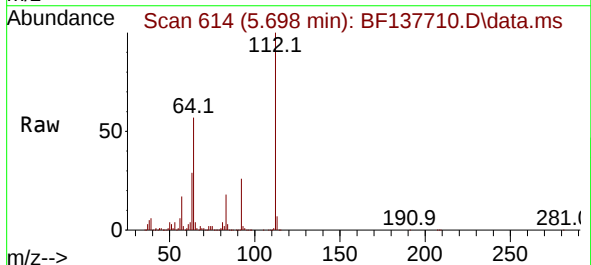
Instrument :
BNA_F
ClientSampleId :
PB160424BL

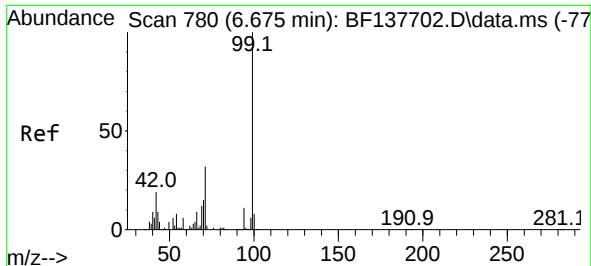
Tgt Ion:152 Resp: 323560
Ion Ratio Lower Upper
152 100
150 155.0 124.2 186.4
115 60.3 50.8 76.2



#5
2-Fluorophenol
Concen: 101.122 ng
RT: 5.698 min Scan# 614
Delta R.T. 0.018 min
Lab File: BF137710.D
Acq: 24 Apr 2024 10:32

Tgt Ion:112 Resp: 2153934
Ion Ratio Lower Upper
112 100
64 56.7 50.1 75.1
63 28.6 25.2 37.8



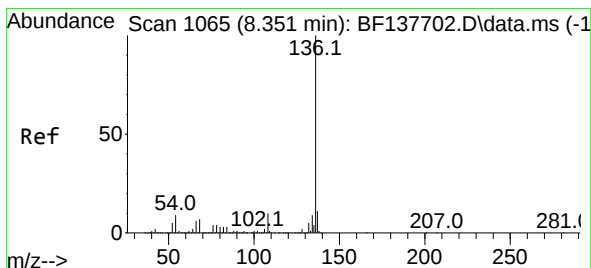
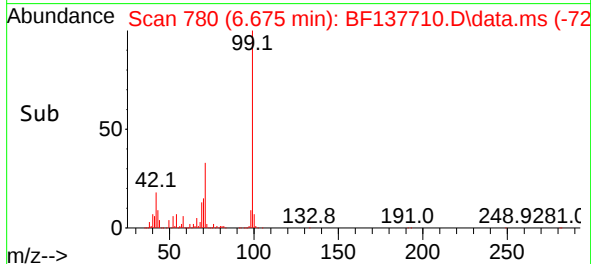
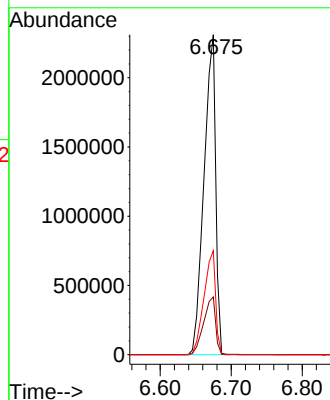
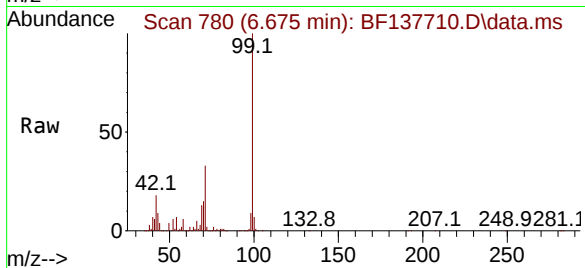


#7
Phenol-d6
Concen: 97.942 ng
RT: 6.675 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137710.D
Acq: 24 Apr 2024 10:32

Instrument :
BNA_F
ClientSampleId :
PB160424BL

Tgt Ion: 99 Resp: 2649230

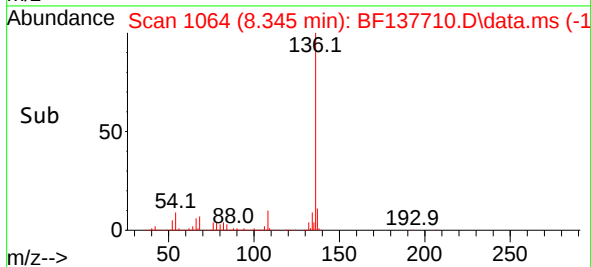
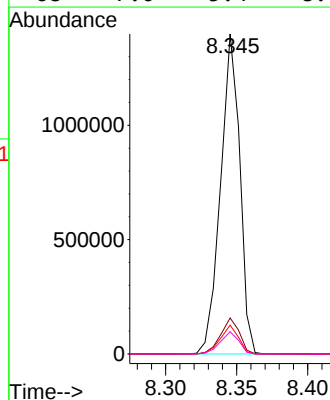
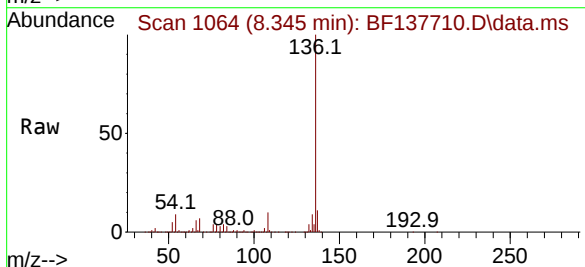
Ion	Ratio	Lower	Upper
99	100		
42	18.0	15.0	22.4
71	32.5	25.7	38.5

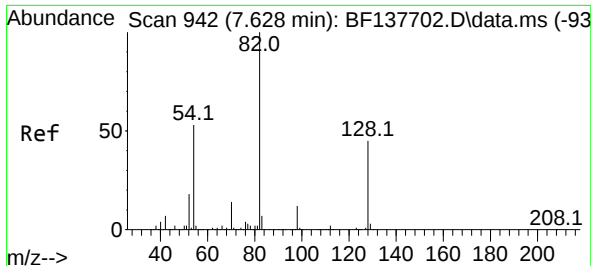


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.345 min Scan# 1064
Delta R.T. -0.006 min
Lab File: BF137710.D
Acq: 24 Apr 2024 10:32

Tgt Ion: 136 Resp: 1315906

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	9.0	6.9	10.3
68	7.0	5.4	8.0

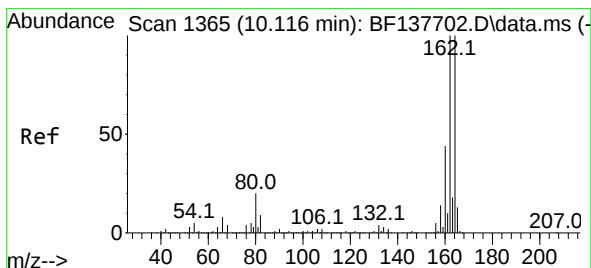
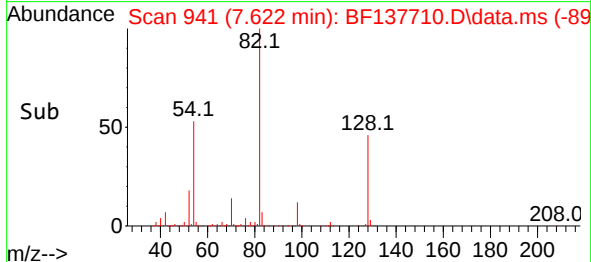
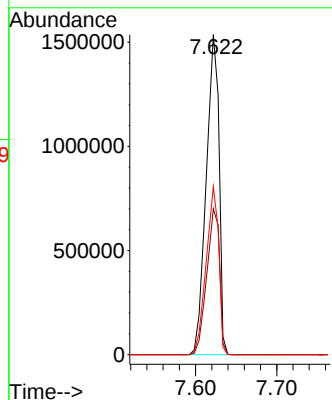
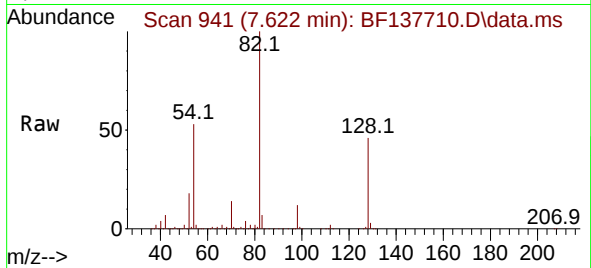




#23
Nitrobenzene-d5
Concen: 67.705 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF137710.D
Acq: 24 Apr 2024 10:32

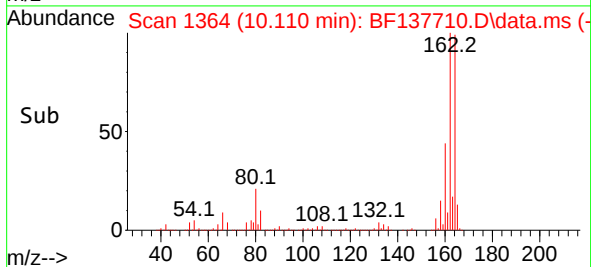
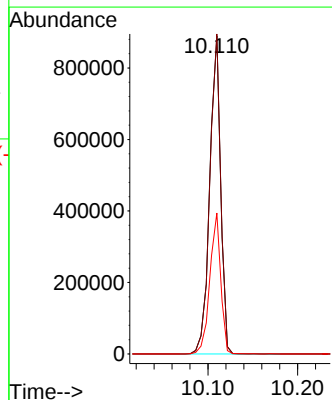
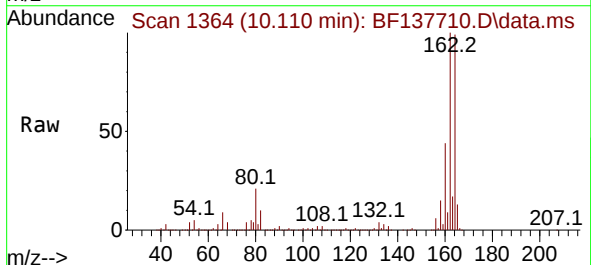
Instrument :
BNA_F
ClientSampleId :
PB160424BL

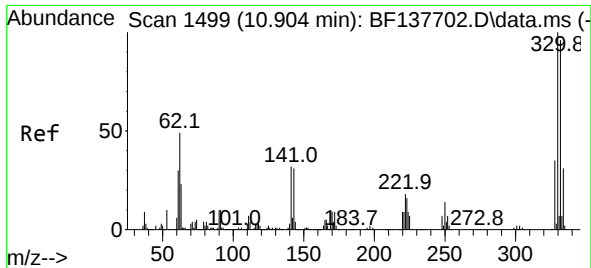
Tgt Ion: 82 Resp: 1678376
Ion Ratio Lower Upper
82 100
128 45.6 35.8 53.6
54 52.5 42.5 63.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.110 min Scan# 1364
Delta R.T. -0.006 min
Lab File: BF137710.D
Acq: 24 Apr 2024 10:32

Tgt Ion:164 Resp: 753640
Ion Ratio Lower Upper
164 100
162 100.6 80.3 120.5
160 44.3 35.0 52.4

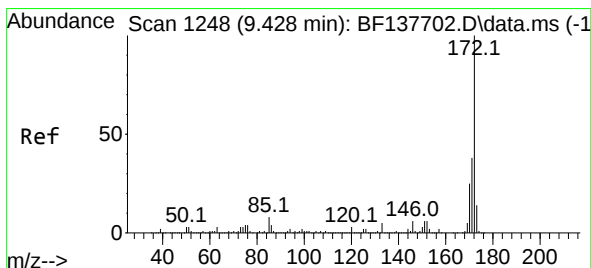
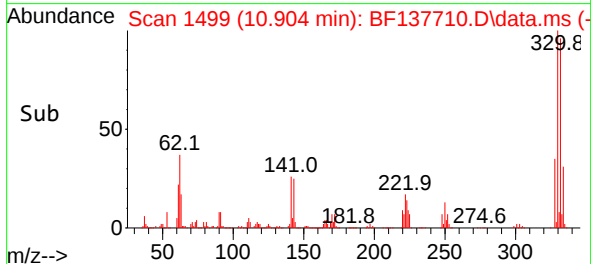
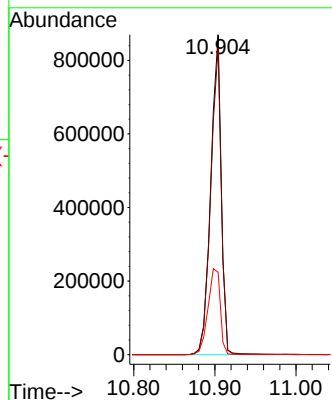
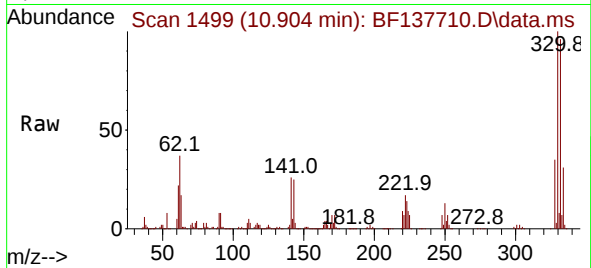




#42
2,4,6-Tribromophenol
Concen: 103.086 ng
RT: 10.904 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF137710.D
Acq: 24 Apr 2024 10:32

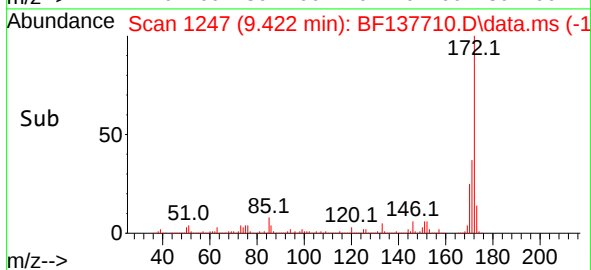
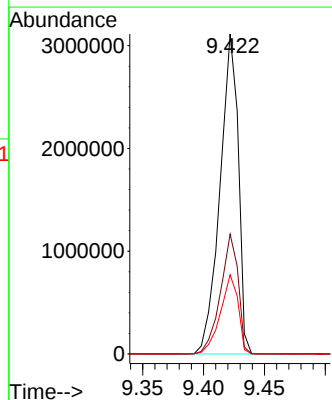
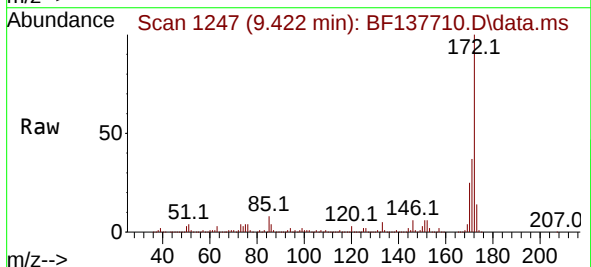
Instrument :
BNA_F
ClientSampleId :
PB160424BL

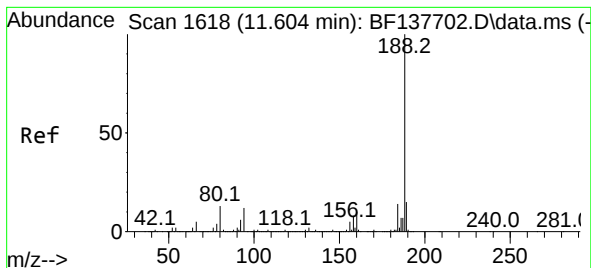
Tgt Ion:330 Resp: 783951
Ion Ratio Lower Upper
330 100
332 96.4 77.1 115.7
141 31.4 27.0 40.4



#45
2-Fluorobiphenyl
Concen: 64.604 ng
RT: 9.422 min Scan# 1247
Delta R.T. -0.006 min
Lab File: BF137710.D
Acq: 24 Apr 2024 10:32

Tgt Ion:172 Resp: 3258463
Ion Ratio Lower Upper
172 100
171 37.5 30.2 45.4
170 24.7 20.2 30.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.604 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137710.D

Acq: 24 Apr 2024 10:32

Instrument :

BNA_F

ClientSampleId :

PB160424BL

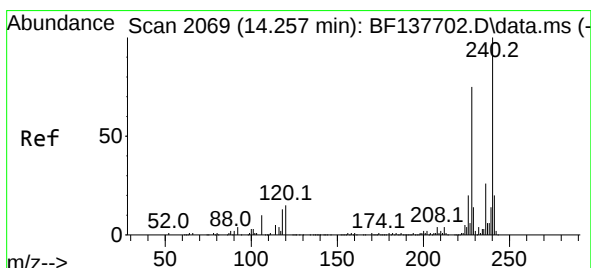
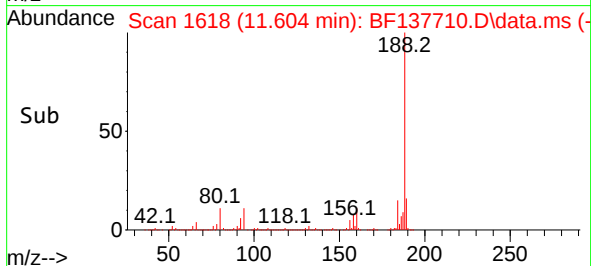
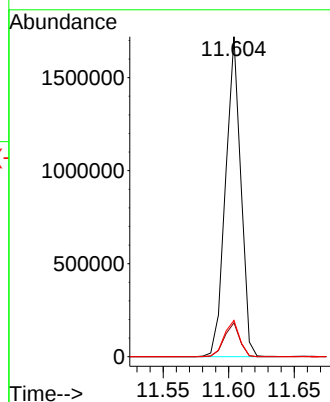
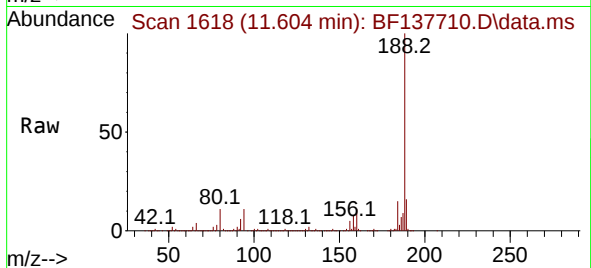
Tgt Ion:188 Resp: 1386847

Ion Ratio Lower Upper

188 100

94 10.6 9.4 14.2

80 11.4 10.2 15.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.257 min Scan# 2069

Delta R.T. 0.000 min

Lab File: BF137710.D

Acq: 24 Apr 2024 10:32

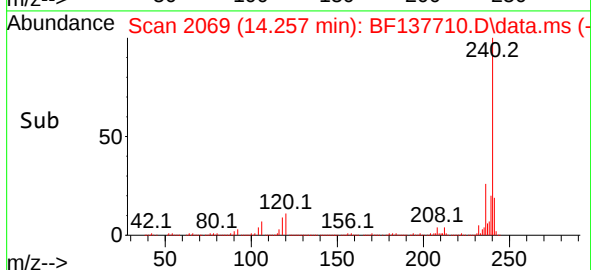
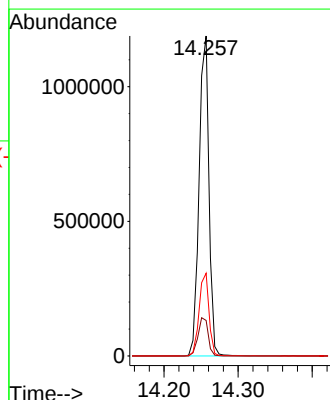
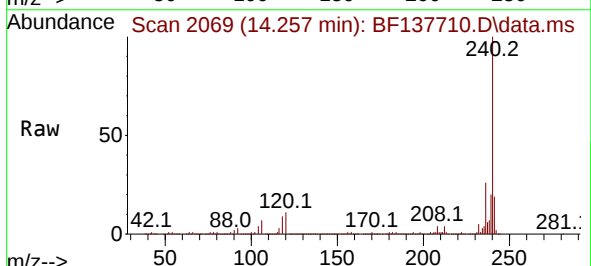
Tgt Ion:240 Resp: 1093484

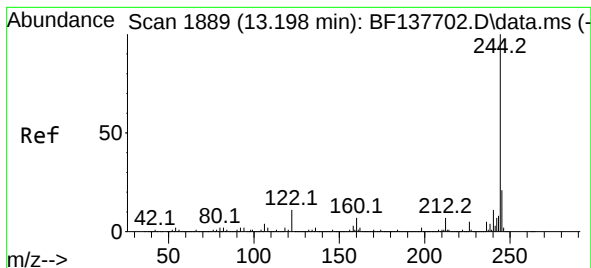
Ion Ratio Lower Upper

240 100

120 11.1 11.9 17.9#

236 25.9 20.8 31.2





#79

Terphenyl-d14

Concen: 60.431 ng

RT: 13.198 min Scan# 1889

Delta R.T. 0.000 min

Lab File: BF137710.D

Acq: 24 Apr 2024 10:32

Instrument :

BNA_F

ClientSampleId :

PB160424BL

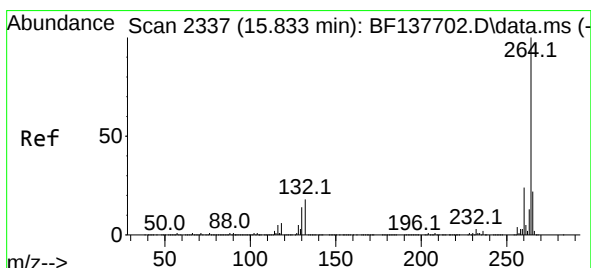
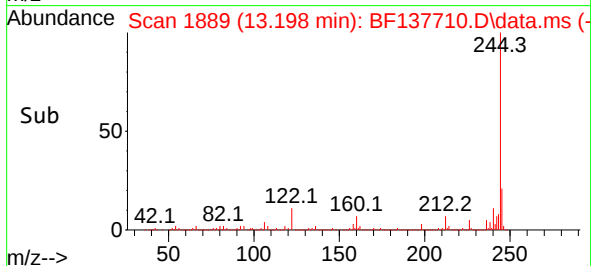
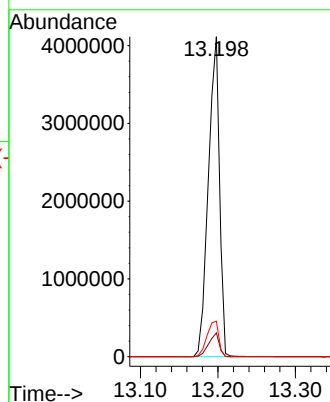
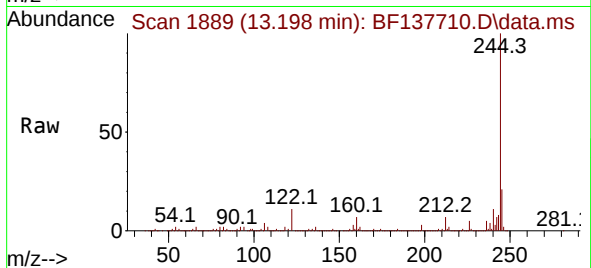
Tgt Ion:244 Resp: 4105469

Ion Ratio Lower Upper

244 100

212 7.4 5.5 8.3

122 11.1 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.833 min Scan# 2337

Delta R.T. 0.000 min

Lab File: BF137710.D

Acq: 24 Apr 2024 10:32

Tgt Ion:264 Resp: 964757

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.2

265 21.8 17.5 26.3

