

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042624\
 Data File : BF137742.D
 Acq On : 26 Apr 2024 18:57
 Operator : CG\JU
 Sample : P2270-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-240

Quant Time: Apr 26 23:03:26 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	7.057	152	273616	20.000	ng	0.00
21) Naphthalene-d8	8.345	136	1056969	20.000	ng	0.00
39) Acenaphthene-d10	10.104	164	583801	20.000	ng	-0.01
64) Phenanthrene-d10	11.598	188	962669	20.000	ng	0.00
76) Chrysene-d12	14.245	240	465676	20.000	ng	-0.01
86) Perylene-d12	15.821	264	555422	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	1254873	69.667	ng	0.00
7) Phenol-d6	6.669	99	1592331	69.614	ng	0.00
23) Nitrobenzene-d5	7.616	82	950422	47.732	ng	-0.01
42) 2,4,6-Tribromophenol	10.898	330	405151	68.775	ng	0.00
45) 2-Fluorobiphenyl	9.416	172	1766479	45.212	ng	-0.01
79) Terphenyl-d14	13.186	244	1533849	53.016	ng	-0.01

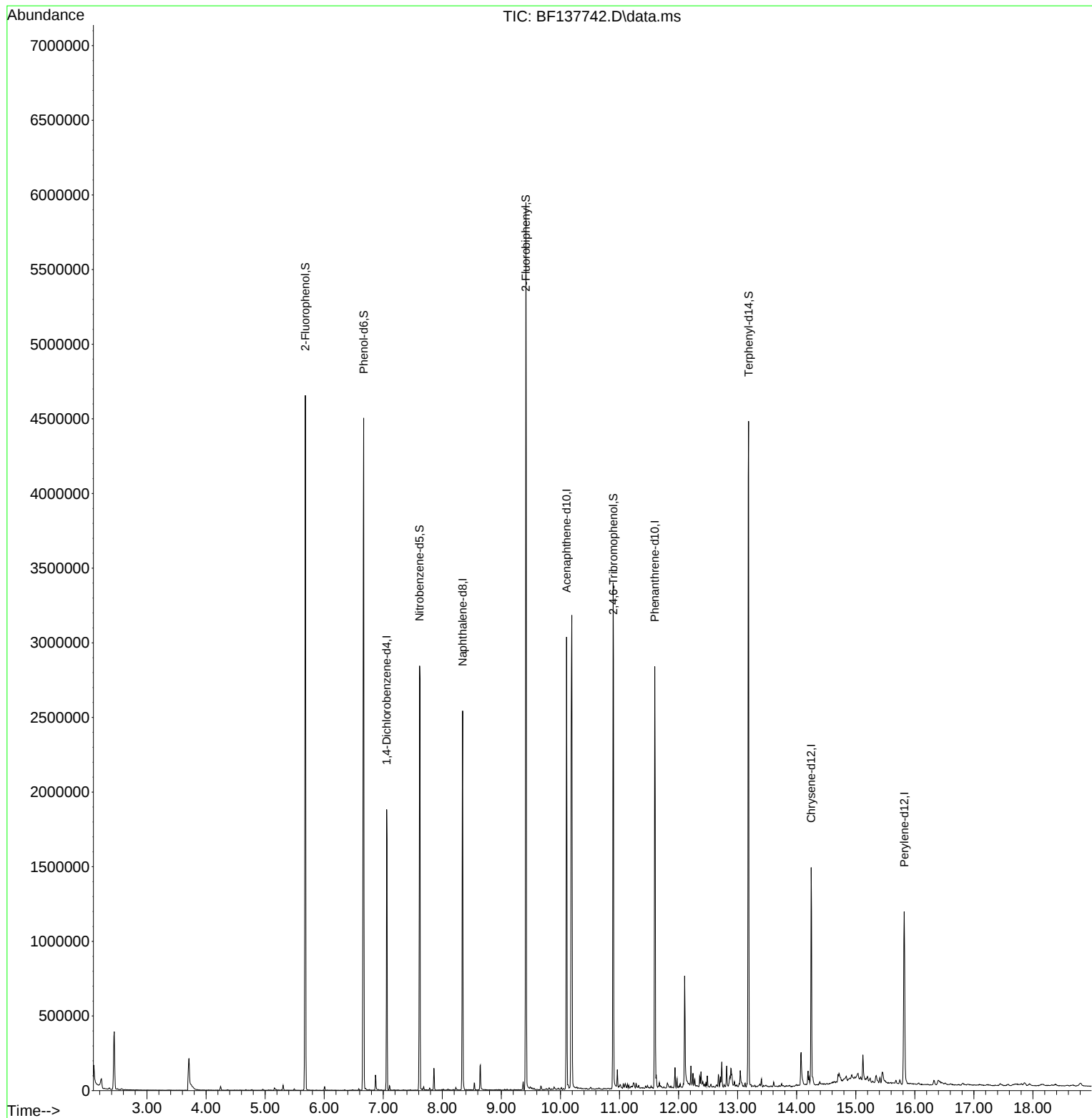
Target Compounds	Qvalue

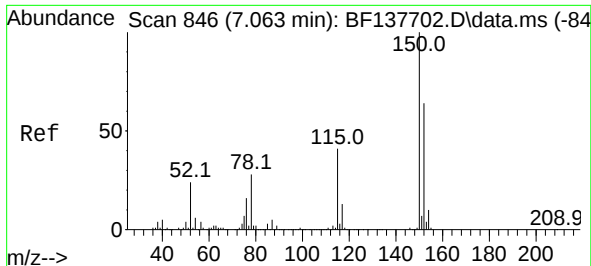
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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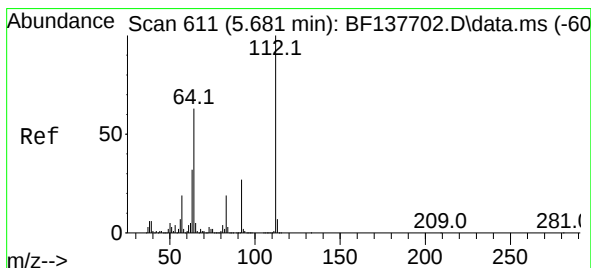
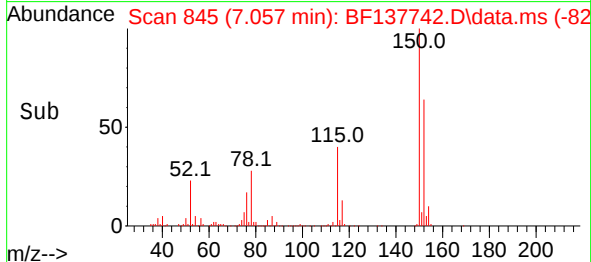
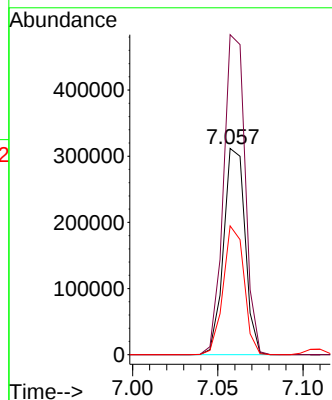
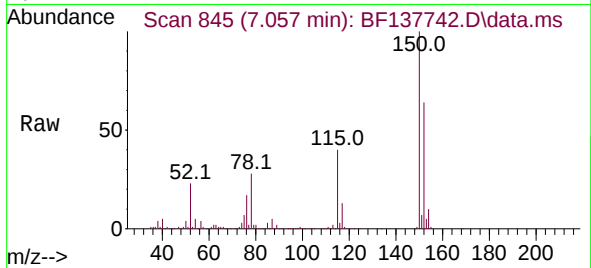




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.057 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF137742.D
Acq: 26 Apr 2024 18:57

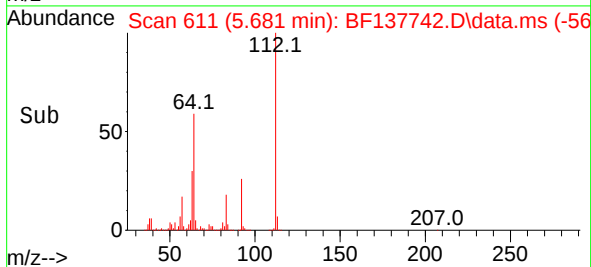
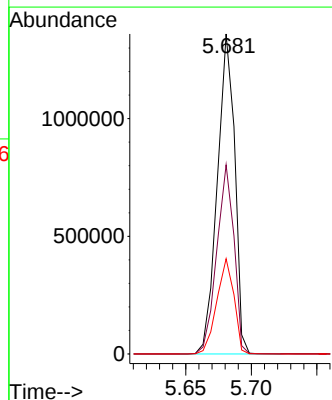
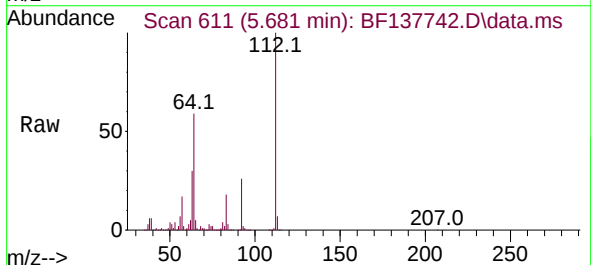
Instrument :
BNA_F
ClientSampleId :
VNJ-240

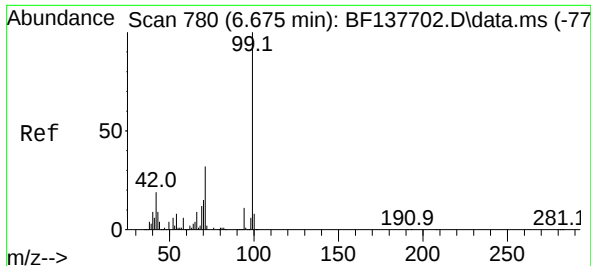
Tgt Ion:152 Resp: 273616
Ion Ratio Lower Upper
152 100
150 155.2 124.2 186.4
115 62.5 50.8 76.2



#5
2-Fluorophenol
Concen: 69.667 ng
RT: 5.681 min Scan# 611
Delta R.T. 0.000 min
Lab File: BF137742.D
Acq: 26 Apr 2024 18:57

Tgt Ion:112 Resp: 1254873
Ion Ratio Lower Upper
112 100
64 59.1 50.1 75.1
63 29.8 25.2 37.8



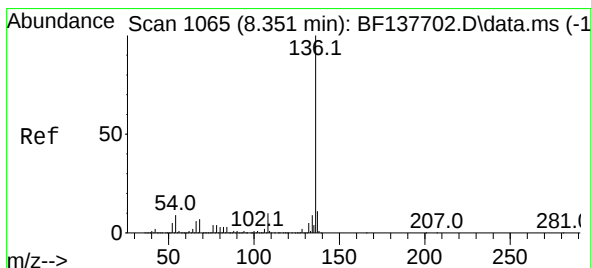
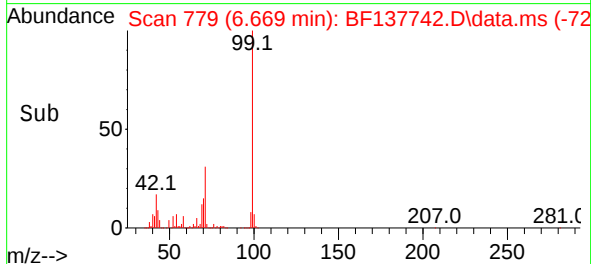
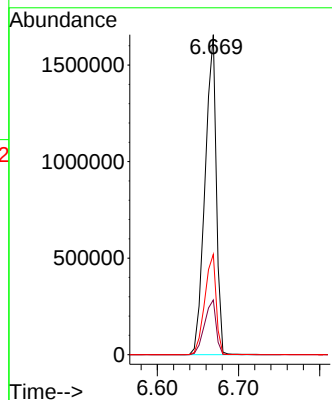
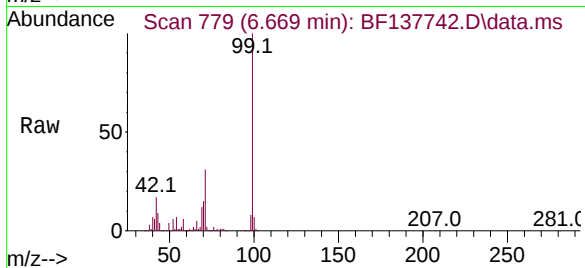


#7
Phenol-d6
Concen: 69.614 ng
RT: 6.669 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137742.D
Acq: 26 Apr 2024 18:57

Instrument :
BNA_F
ClientSampleId :
VNJ-240

Tgt Ion: 99 Resp: 1592331

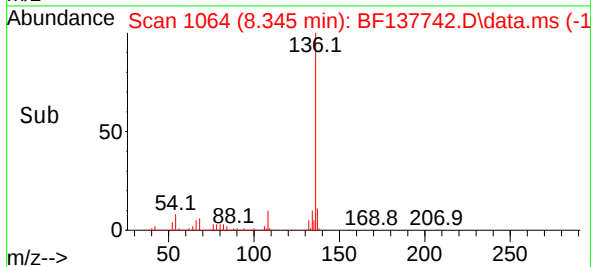
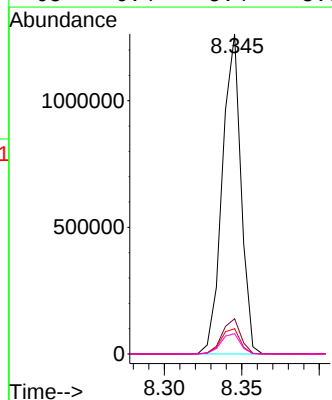
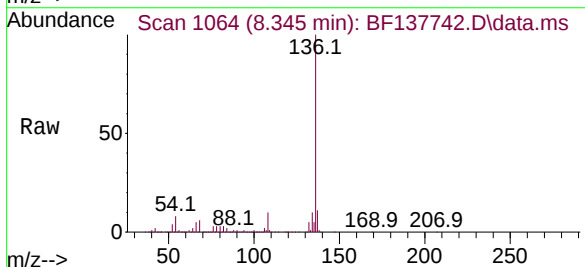
Ion	Ratio	Lower	Upper
99	100		
42	17.1	15.0	22.4
71	31.3	25.7	38.5

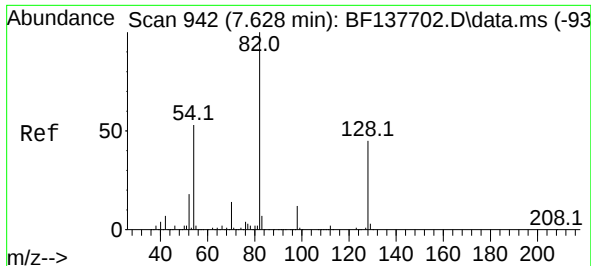


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.345 min Scan# 1064
Delta R.T. -0.006 min
Lab File: BF137742.D
Acq: 26 Apr 2024 18:57

Tgt Ion: 136 Resp: 1056969

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.9	6.9	10.3
68	6.4	5.4	8.0





#23

Nitrobenzene-d5

Concen: 47.732 ng

RT: 7.616 min Scan# 942

Delta R.T. -0.012 min

Lab File: BF137742.D

Acq: 26 Apr 2024 18:57

Instrument :

BNA_F

ClientSampleId :

VNJ-240

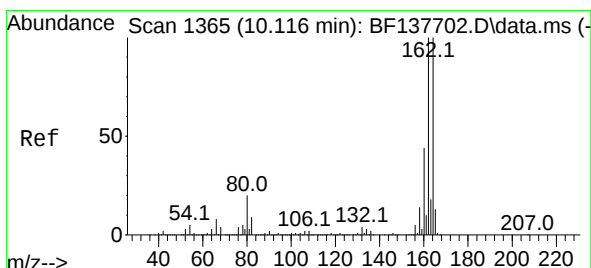
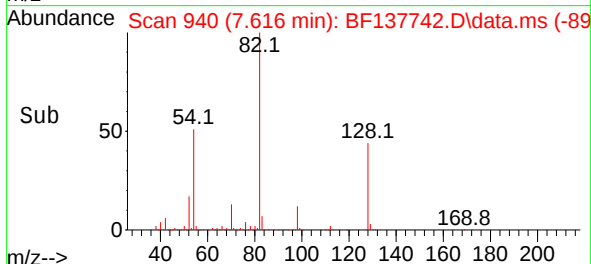
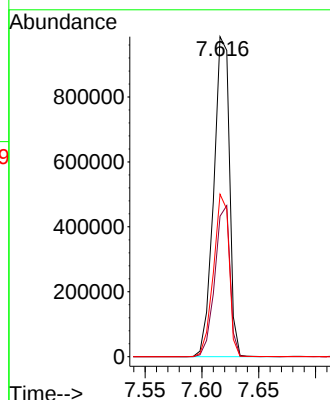
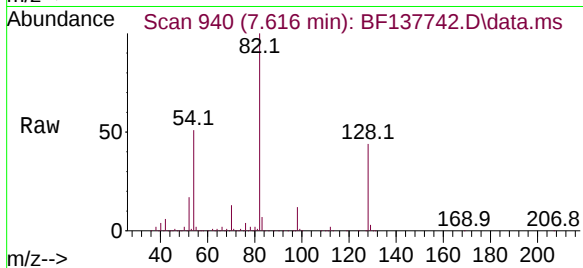
Tgt Ion: 82 Resp: 950422

Ion Ratio Lower Upper

82 100

128 43.9 35.8 53.6

54 50.8 42.5 63.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.104 min Scan# 1363

Delta R.T. -0.012 min

Lab File: BF137742.D

Acq: 26 Apr 2024 18:57

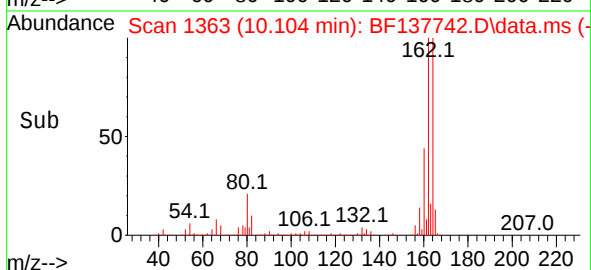
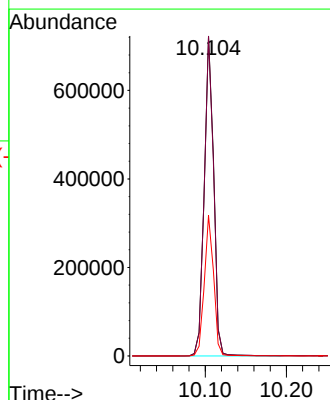
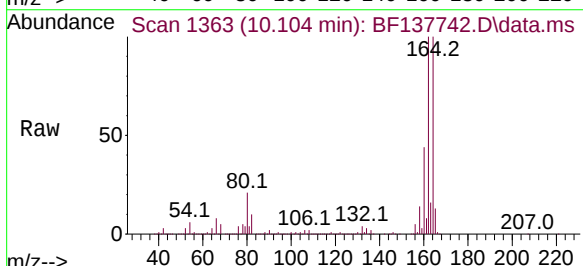
Tgt Ion: 164 Resp: 583801

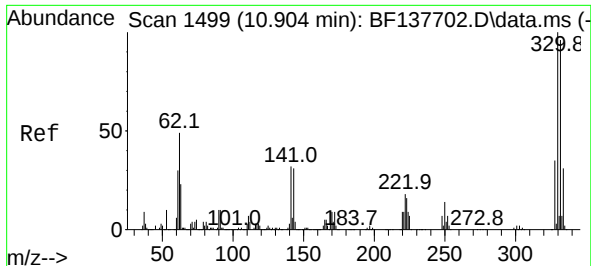
Ion Ratio Lower Upper

164 100

162 100.0 80.3 120.5

160 43.9 35.0 52.4





#42

2,4,6-Tribromophenol

Concen: 68.775 ng

RT: 10.898 min Scan# 1499

Delta R.T. -0.006 min

Lab File: BF137742.D

Acq: 26 Apr 2024 18:57

Instrument :

BNA_F

ClientSampleId :

VNJ-240

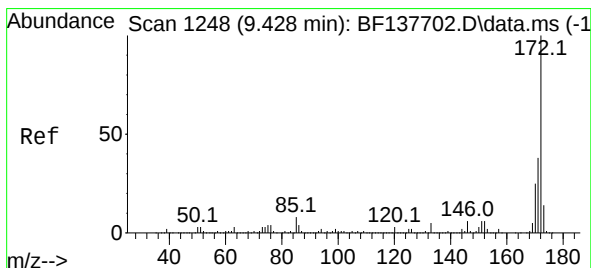
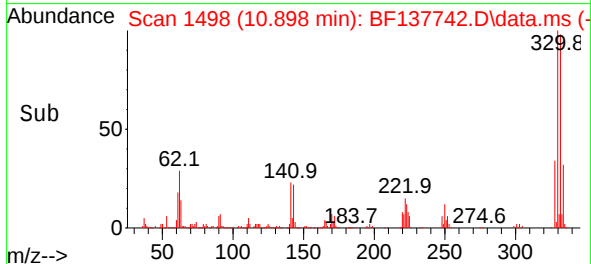
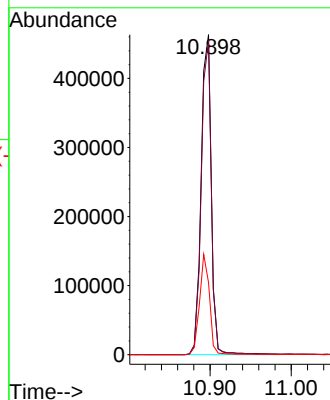
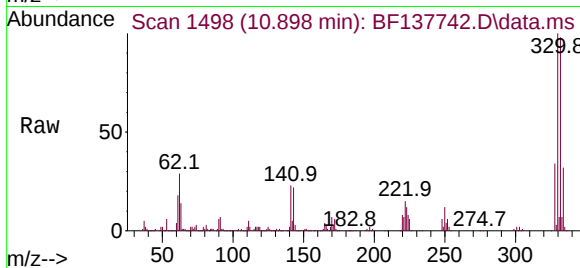
Tgt Ion:330 Resp: 405151

Ion Ratio Lower Upper

330 100

332 96.8 77.1 115.7

141 30.8 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 45.212 ng

RT: 9.416 min Scan# 1246

Delta R.T. -0.012 min

Lab File: BF137742.D

Acq: 26 Apr 2024 18:57

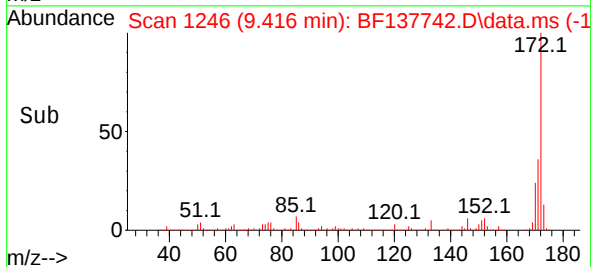
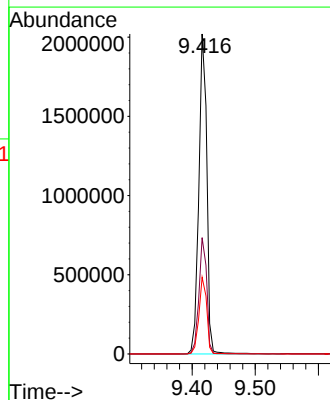
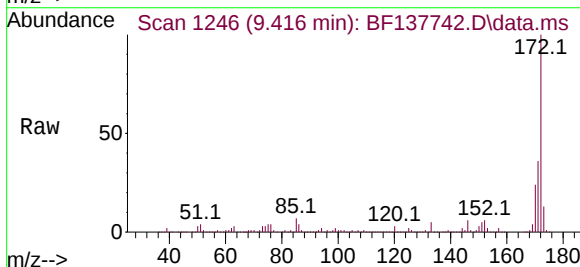
Tgt Ion:172 Resp: 1766479

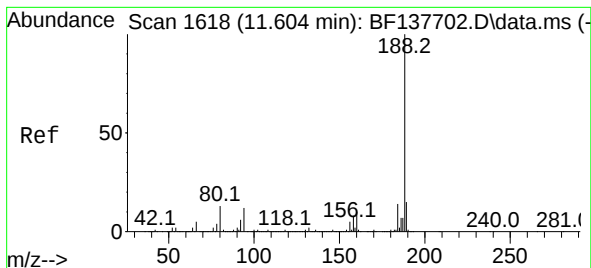
Ion Ratio Lower Upper

172 100

171 36.4 30.2 45.4

170 23.9 20.2 30.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.598 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137742.D

Acq: 26 Apr 2024 18:57

Instrument :

BNA_F

ClientSampleId :

VNJ-240

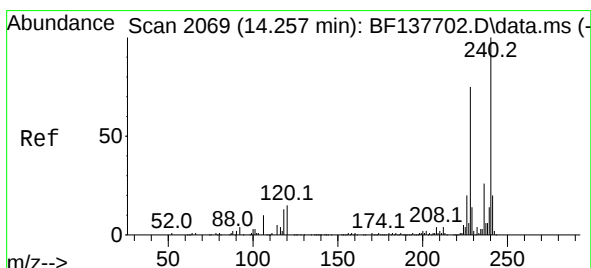
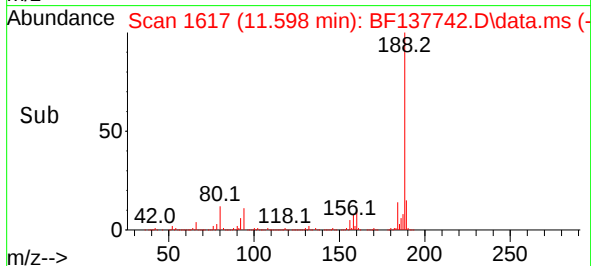
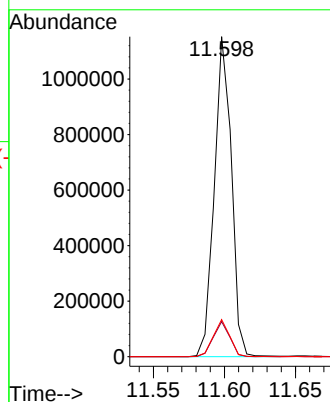
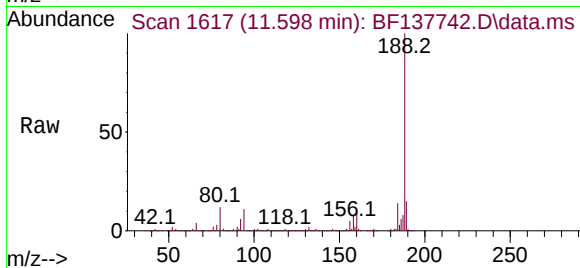
Tgt Ion:188 Resp: 962669

Ion Ratio Lower Upper

188 100

94 11.0 9.4 14.2

80 11.6 10.2 15.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.245 min Scan# 2067

Delta R.T. -0.012 min

Lab File: BF137742.D

Acq: 26 Apr 2024 18:57

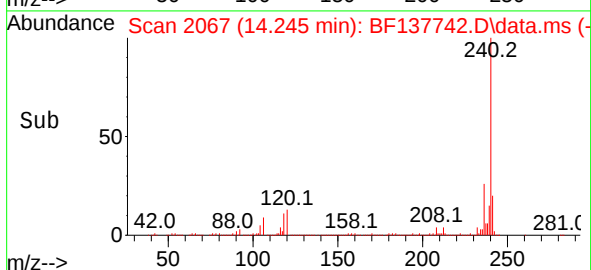
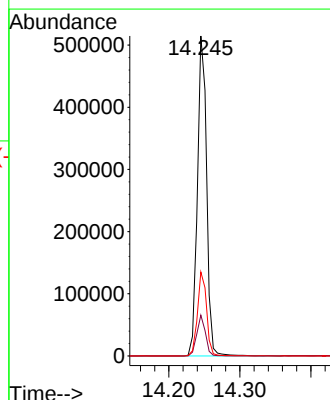
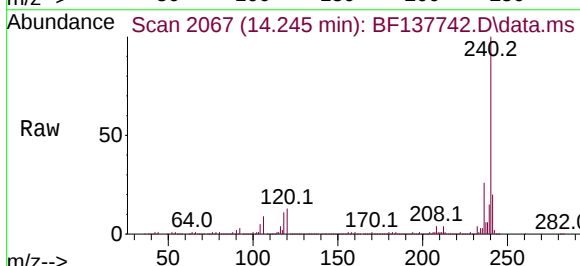
Tgt Ion:240 Resp: 465676

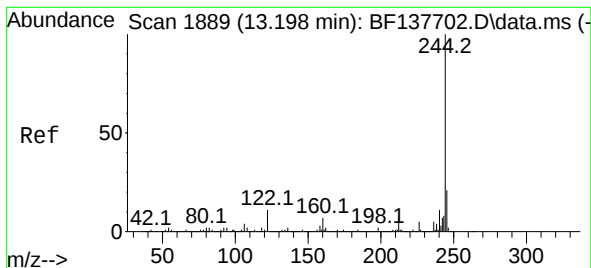
Ion Ratio Lower Upper

240 100

120 12.7 11.9 17.9

236 26.2 20.8 31.2





#79

Terphenyl-d14

Concen: 53.016 ng

RT: 13.186 min Scan# 1887

Delta R.T. -0.012 min

Lab File: BF137742.D

Acq: 26 Apr 2024 18:57

Instrument :

BNA_F

ClientSampleId :

VNJ-240

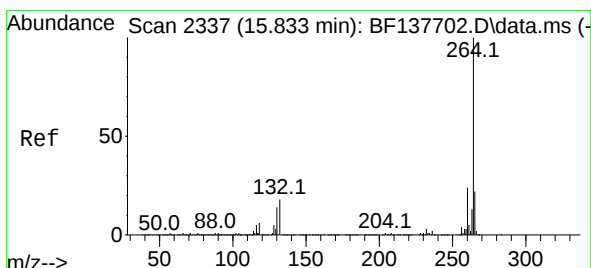
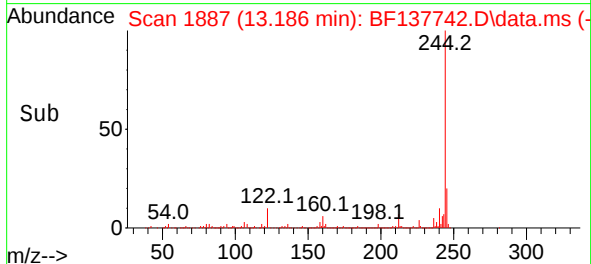
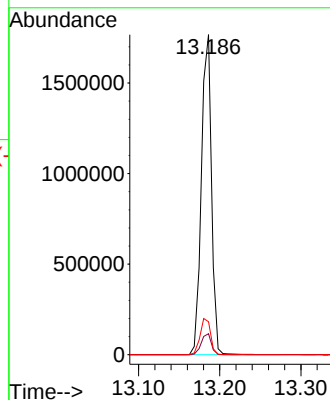
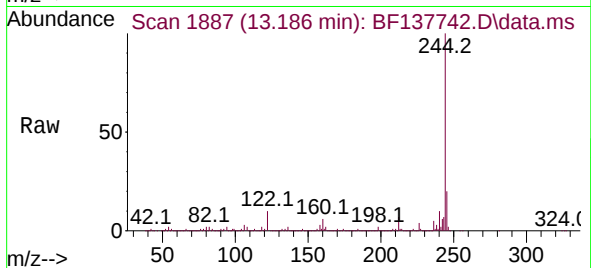
Tgt Ion:244 Resp: 1533849

Ion Ratio Lower Upper

244 100

212 6.6 5.5 8.3

122 10.3 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.821 min Scan# 2335

Delta R.T. -0.012 min

Lab File: BF137742.D

Acq: 26 Apr 2024 18:57

Tgt Ion:264 Resp: 555422

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.2

265 21.8 17.5 26.3

