

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042624\
 Data File : BF137738.D
 Acq On : 26 Apr 2024 16:49
 Operator : CG\JU
 Sample : P2266-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EB-042324

Quant Time: Apr 26 17:21:20 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	242382	20.000	ng	0.00
21) Naphthalene-d8	8.345	136	929874	20.000	ng	0.00
39) Acenaphthene-d10	10.104	164	500964	20.000	ng	-0.01
64) Phenanthrene-d10	11.598	188	821891	20.000	ng	0.00
76) Chrysene-d12	14.245	240	440339	20.000	ng	-0.01
86) Perylene-d12	15.821	264	498216	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	941353	58.996	ng	0.00
7) Phenol-d6	6.663	99	803127	39.636	ng	-0.01
23) Nitrobenzene-d5	7.622	82	1249654	71.338	ng	0.00
42) 2,4,6-Tribromophenol	10.898	330	579225	114.582	ng	0.00
45) 2-Fluorobiphenyl	9.422	172	2431490	72.523	ng	0.00
79) Terphenyl-d14	13.186	244	2778302	101.555	ng	-0.01

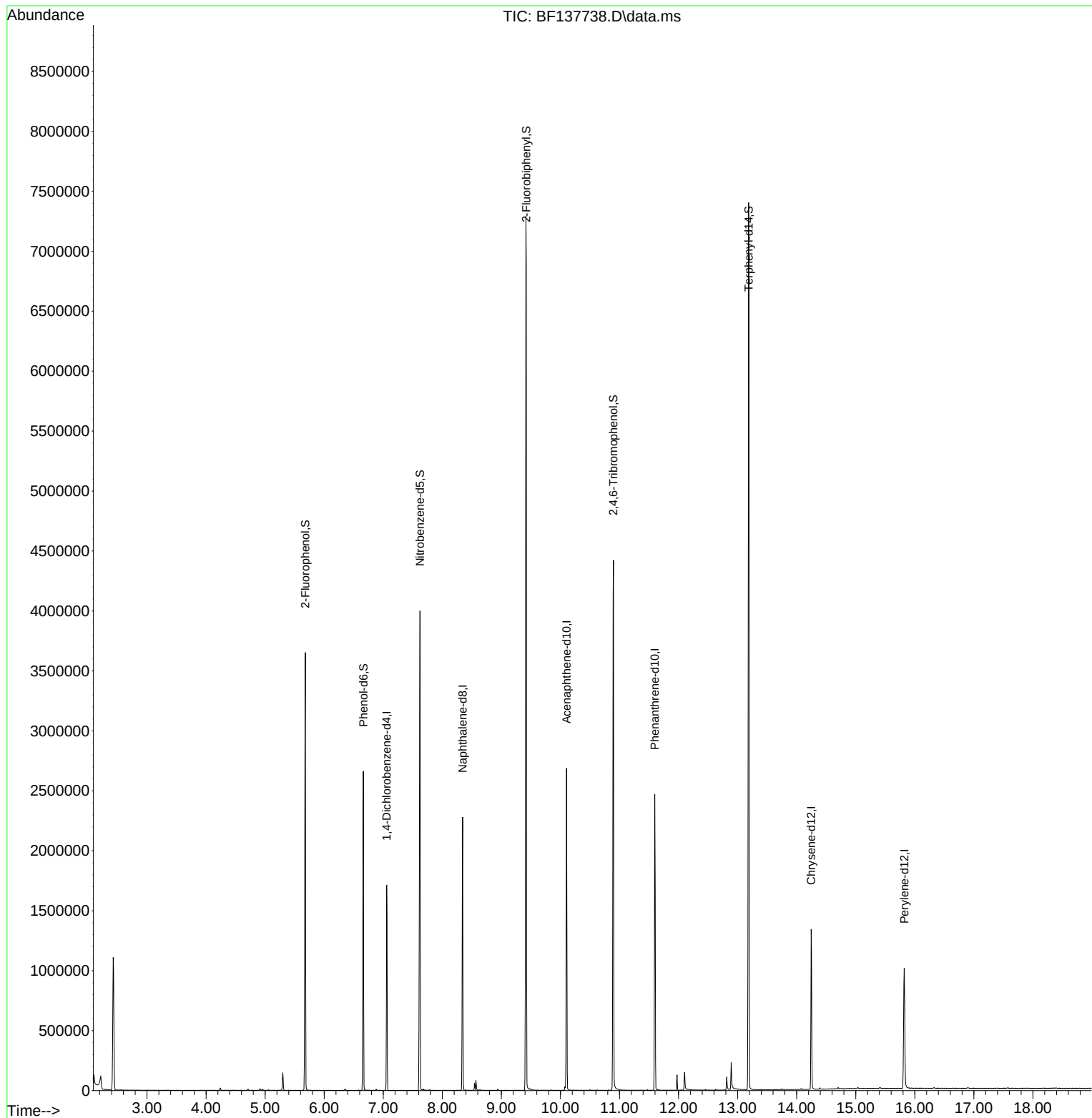
Target Compounds	Qvalue

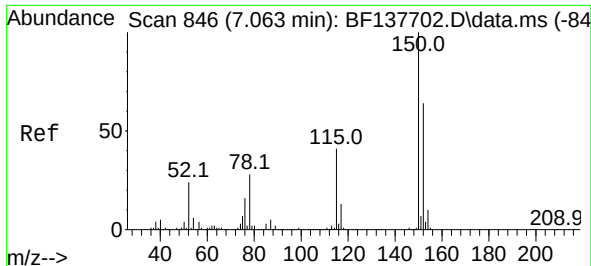
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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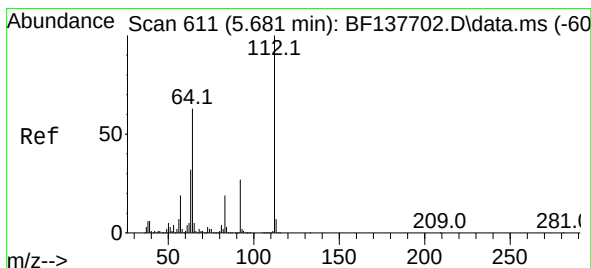
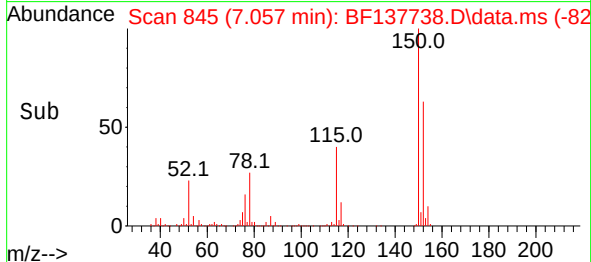
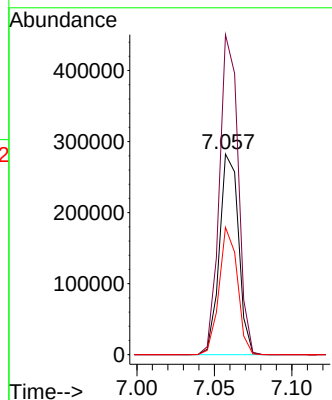
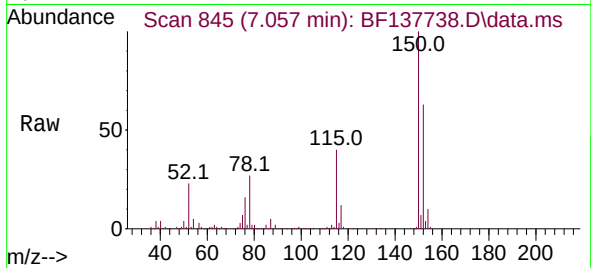




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.057 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF137738.D
Acq: 26 Apr 2024 16:49

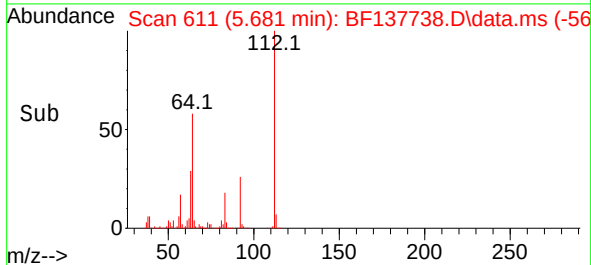
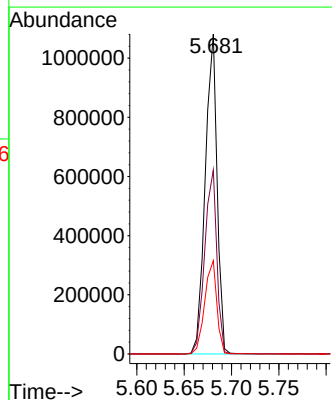
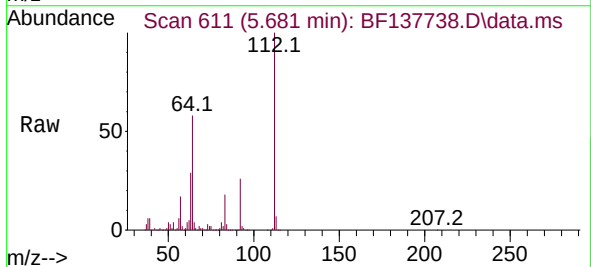
Instrument :
BNA_F
ClientSampleId :
EB-042324

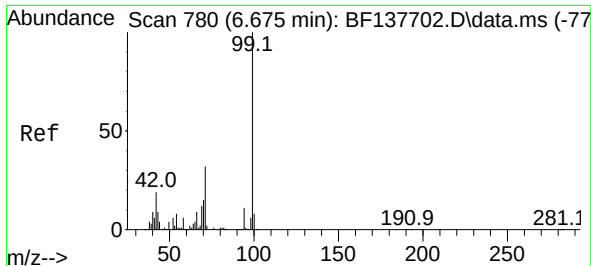
Tgt Ion:152 Resp: 242382
Ion Ratio Lower Upper
152 100
150 159.5 124.2 186.4
115 63.5 50.8 76.2



#5
2-Fluorophenol
Concen: 58.996 ng
RT: 5.681 min Scan# 611
Delta R.T. 0.000 min
Lab File: BF137738.D
Acq: 26 Apr 2024 16:49

Tgt Ion:112 Resp: 941353
Ion Ratio Lower Upper
112 100
64 57.5 50.1 75.1
63 29.2 25.2 37.8

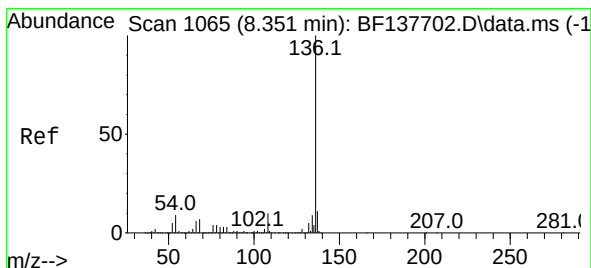
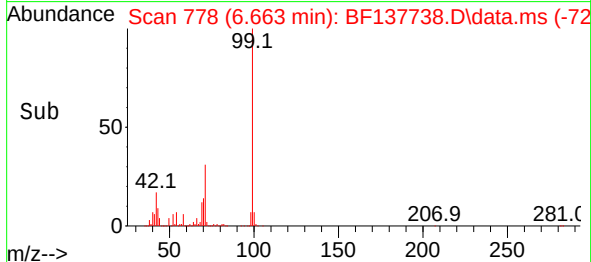
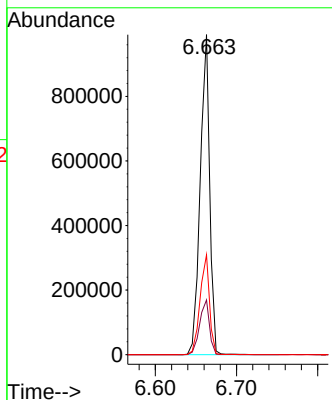
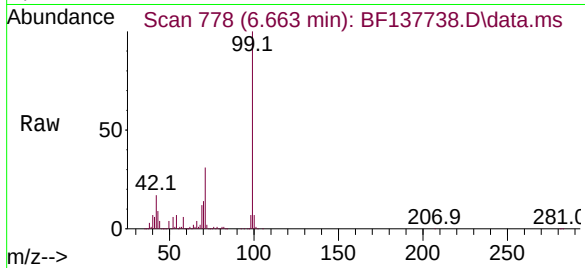




#7
Phenol-d6
Concen: 39.636 ng
RT: 6.663 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137738.D
Acq: 26 Apr 2024 16:49

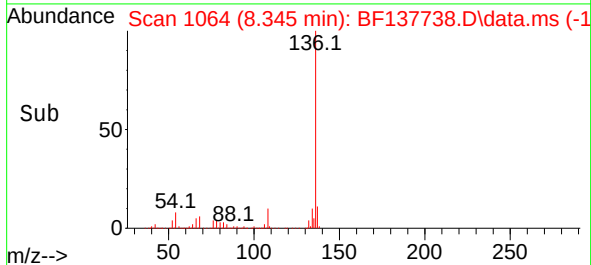
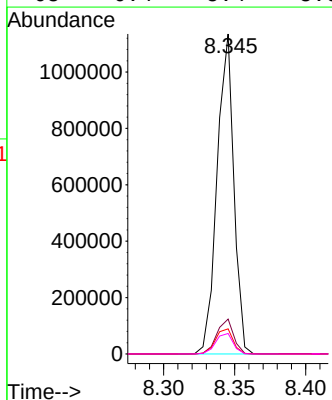
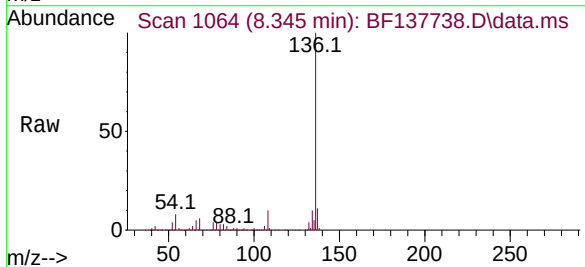
Instrument :
BNA_F
ClientSampleId :
EB-042324

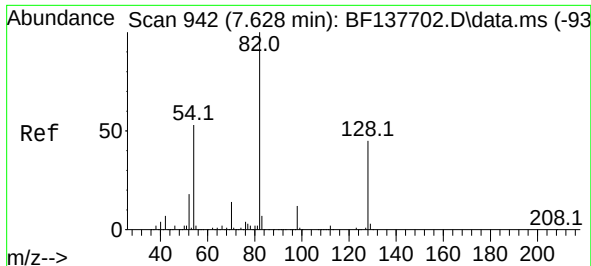
Tgt Ion: 99 Resp: 803127
Ion Ratio Lower Upper
99 100
42 17.1 15.0 22.4
71 31.2 25.7 38.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.345 min Scan# 1064
Delta R.T. -0.006 min
Lab File: BF137738.D
Acq: 26 Apr 2024 16:49

Tgt Ion: 136 Resp: 929874
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.9 6.9 10.3
68 6.4 5.4 8.0





#23

Nitrobenzene-d5

Concen: 71.338 ng

RT: 7.622 min Scan# 941

Delta R.T. -0.006 min

Lab File: BF137738.D

Acq: 26 Apr 2024 16:49

Instrument :

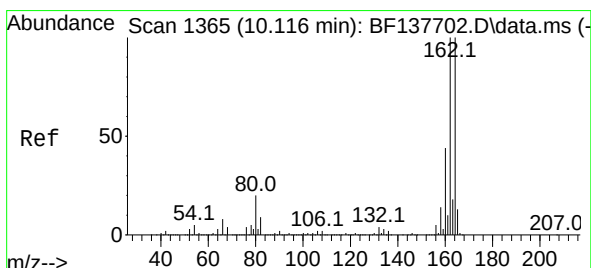
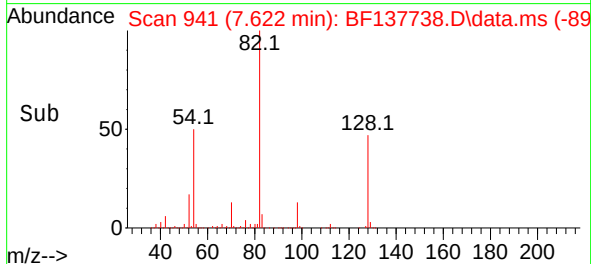
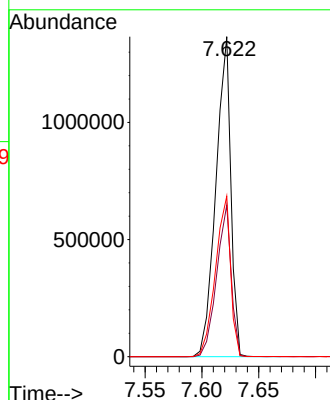
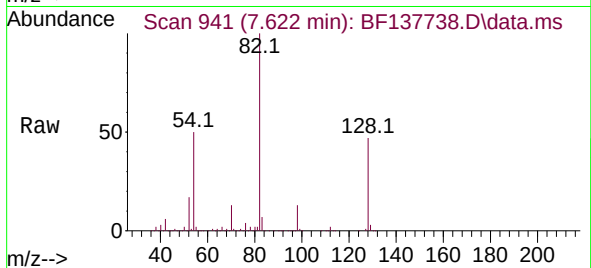
BNA_F

ClientSampleId :

EB-042324

Tgt Ion: 82 Resp: 1249654

Ion	Ratio	Lower	Upper
82	100		
128	47.4	35.8	53.6
54	50.2	42.5	63.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.104 min Scan# 1363

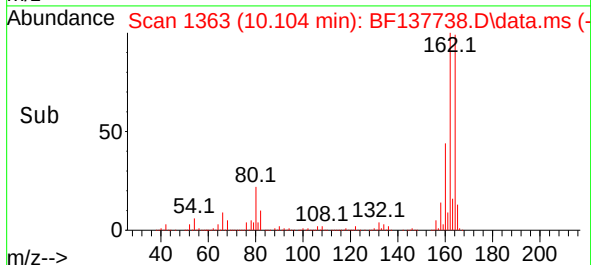
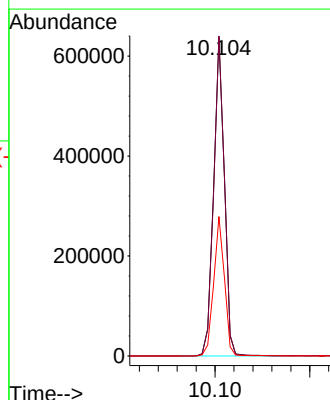
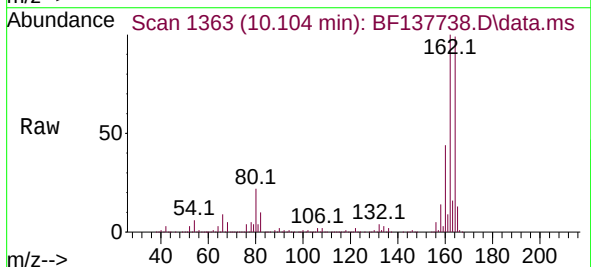
Delta R.T. -0.012 min

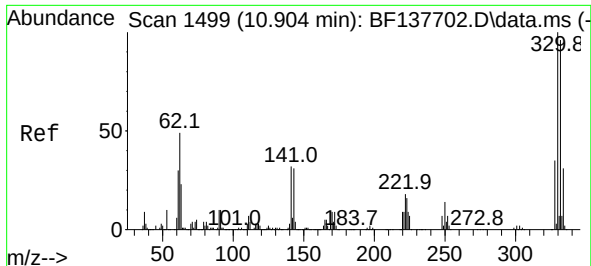
Lab File: BF137738.D

Acq: 26 Apr 2024 16:49

Tgt Ion: 164 Resp: 500964

Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.3	120.5
160	43.8	35.0	52.4





#42

2,4,6-Tribromophenol

Concen: 114.582 ng

RT: 10.898 min Scan# 1498

Delta R.T. -0.006 min

Lab File: BF137738.D

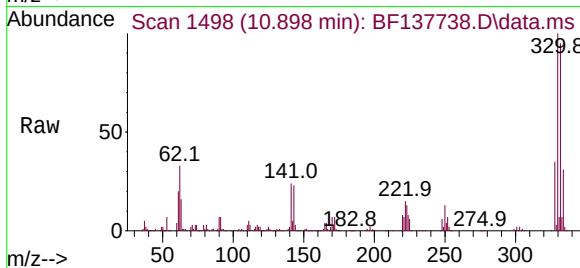
Acq: 26 Apr 2024 16:49

Instrument :

BNA_F

ClientSampleId :

EB-042324



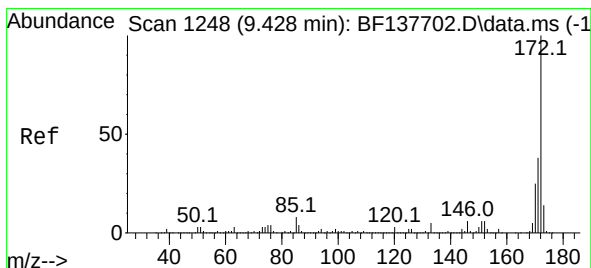
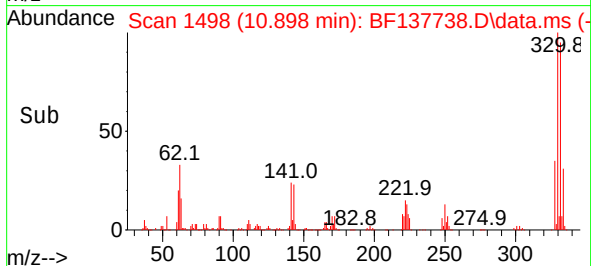
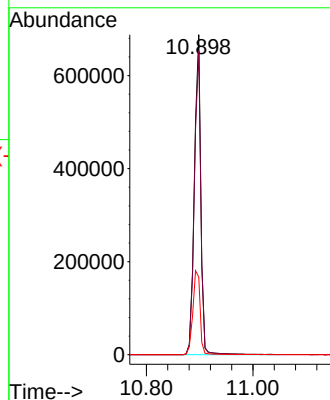
Tgt Ion:330 Resp: 579225

Ion Ratio Lower Upper

330 100

332 95.6 77.1 115.7

141 29.8 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 72.523 ng

RT: 9.422 min Scan# 1247

Delta R.T. -0.006 min

Lab File: BF137738.D

Acq: 26 Apr 2024 16:49

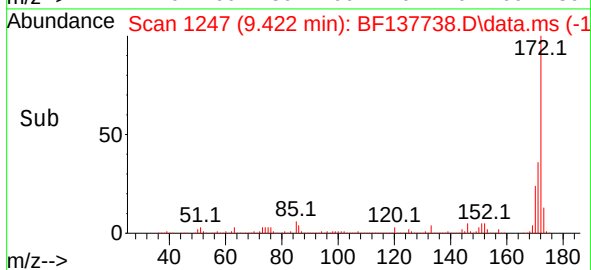
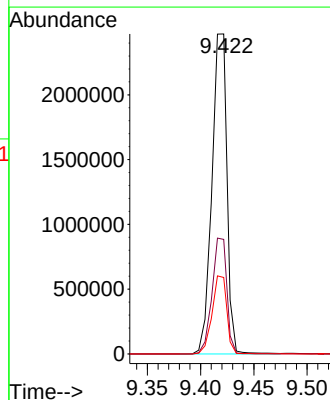
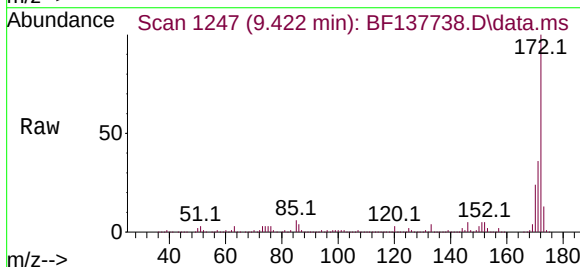
Tgt Ion:172 Resp: 2431490

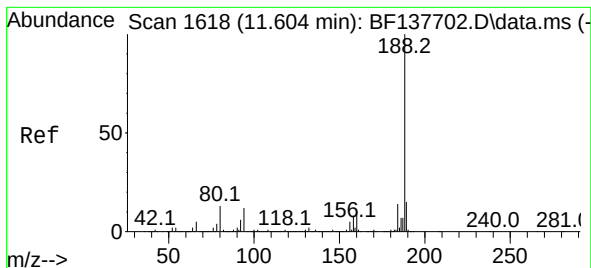
Ion Ratio Lower Upper

172 100

171 35.8 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: BF137738.D

Acq: 26 Apr 2024 16:49

Instrument :

BNA_F

ClientSampleId :

EB-042324

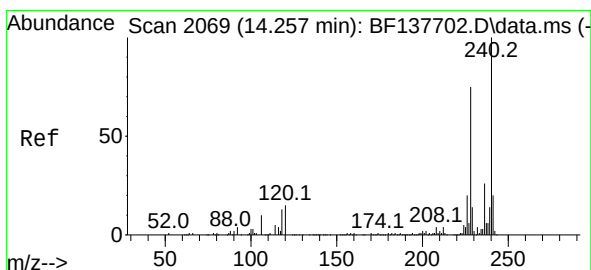
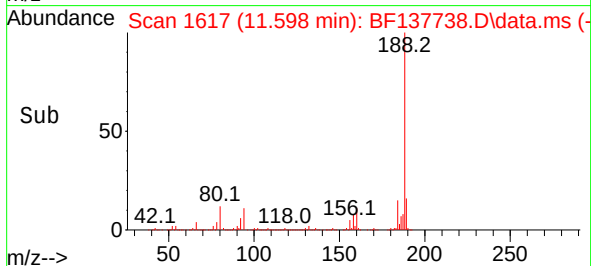
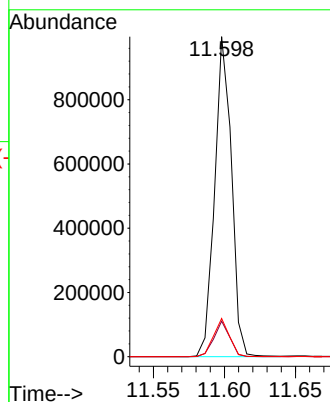
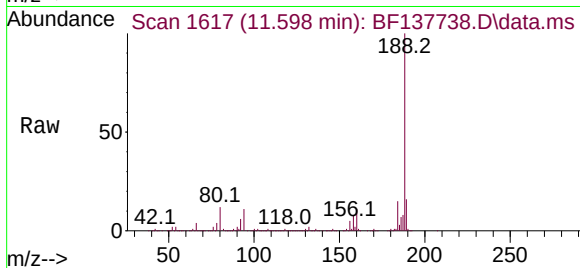
Tgt Ion:188 Resp: 821891

Ion Ratio Lower Upper

188 100

94 11.1 9.4 14.2

80 12.0 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: BF137738.D

Acq: 26 Apr 2024 16:49

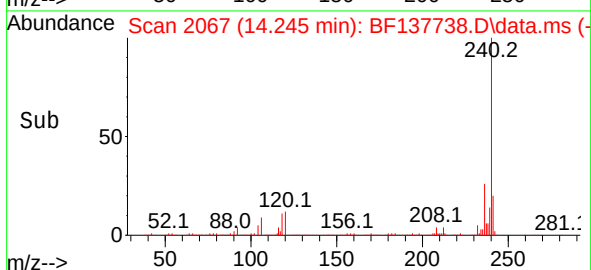
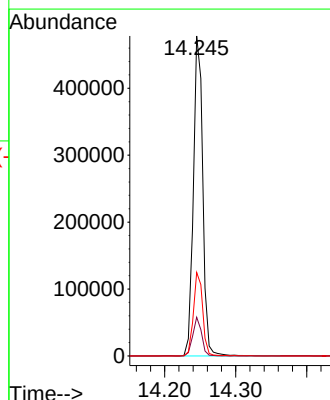
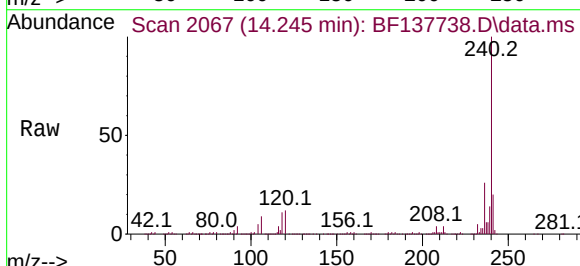
Tgt Ion:240 Resp: 440339

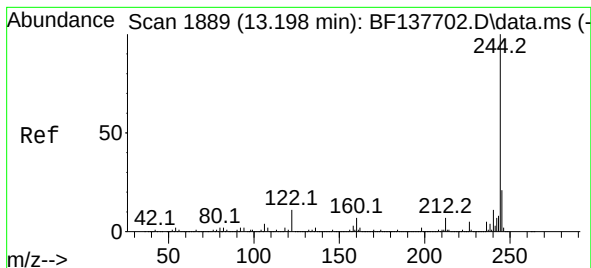
Ion Ratio Lower Upper

240 100

120 12.1 11.9 17.9

236 26.1 20.8 31.2





#79

Terphenyl-d14

Concen: 101.555 ng

RT: 13.186 min Scan# 1887

Delta R.T. -0.012 min

Lab File: BF137738.D

Acq: 26 Apr 2024 16:49

Instrument :

BNA_F

ClientSampleId :

EB-042324

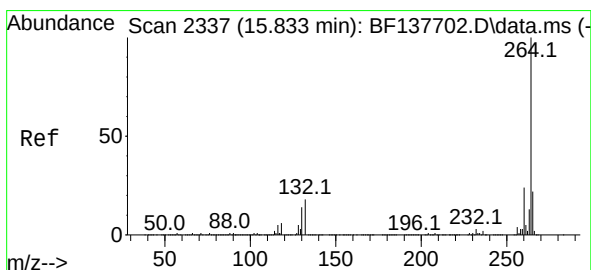
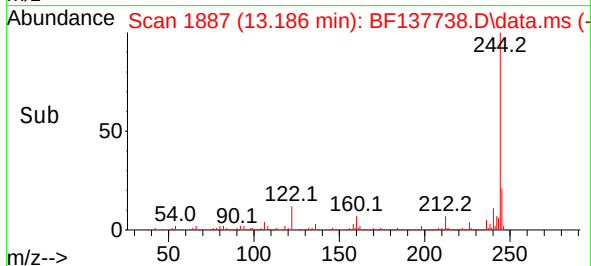
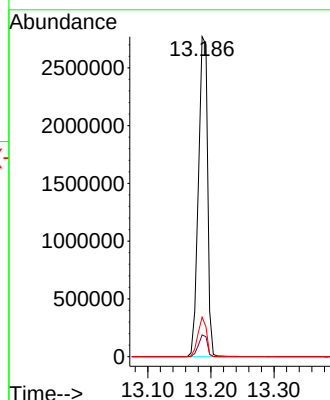
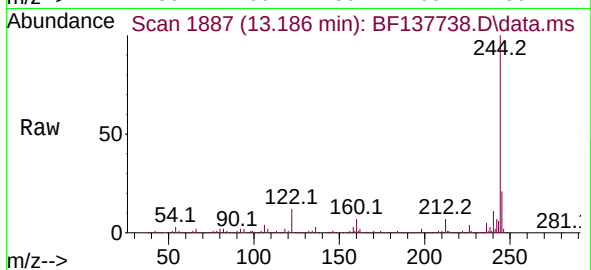
Tgt Ion:244 Resp: 2778302

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

122 12.3 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: BF137738.D

Acq: 26 Apr 2024 16:49

Tgt Ion:264 Resp: 498216

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.2

265 21.3 17.5 26.3

