

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050224\
 Data File : BF137824.D
 Acq On : 02 May 2024 19:56
 Operator : CG\JU
 Sample : P2331-16
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Quant Time: May 03 02:24:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:25:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.057	152	141922	20.000	ng	0.00
21) Naphthalene-d8	8.339	136	565558	20.000	ng	0.00
39) Acenaphthene-d10	10.098	164	317638	20.000	ng	-0.01
64) Phenanthrene-d10	11.592	188	516241	20.000	ng	0.00
76) Chrysene-d12	14.245	240	379382	20.000	ng	0.00
86) Perylene-d12	15.815	264	409217	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	1157673	136.574	ng	0.00
7) Phenol-d6	6.669	99	938420	87.281	ng	0.00
23) Nitrobenzene-d5	7.616	82	518732	53.288	ng	0.00
42) 2,4,6-Tribromophenol	10.892	330	276879	85.373	ng	0.00
45) 2-Fluorobiphenyl	9.410	172	1056452	53.959	ng	-0.01
79) Terphenyl-d14	13.180	244	994092	43.912	ng	0.00

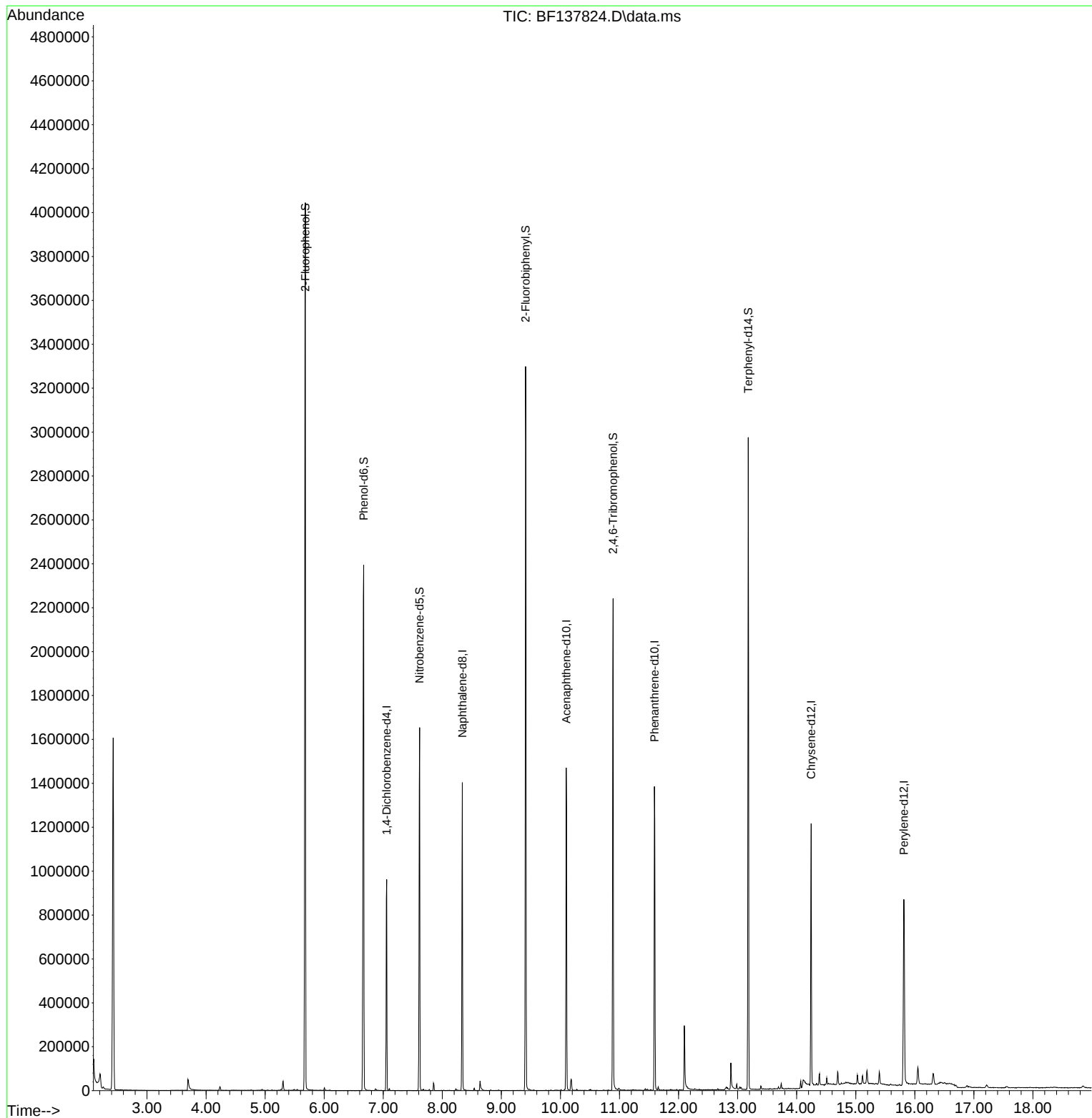
Target Compounds Qvalue

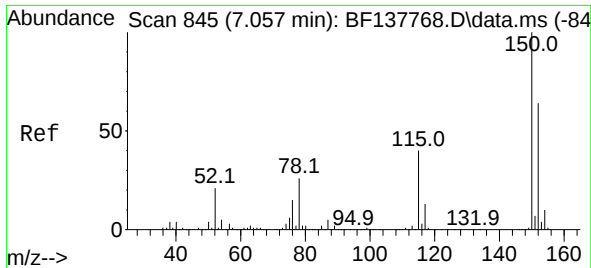
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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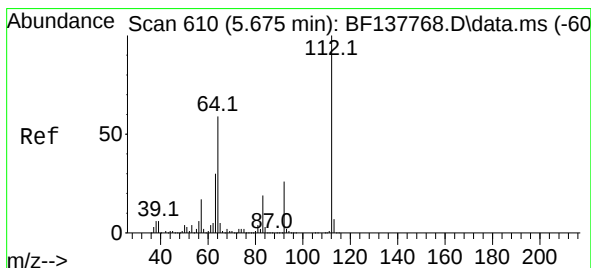
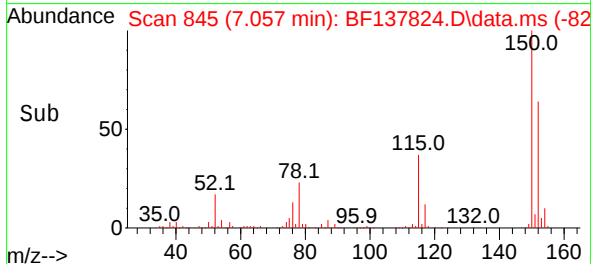
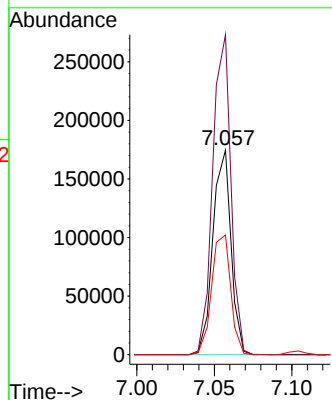
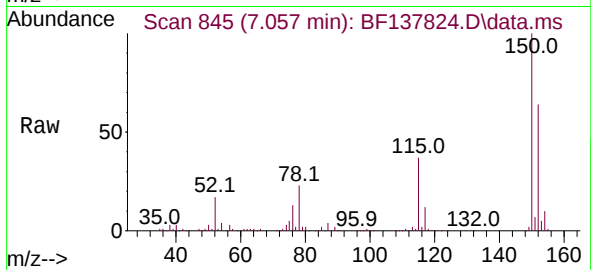




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.057 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF137824.D
Acq: 02 May 2024 19:56

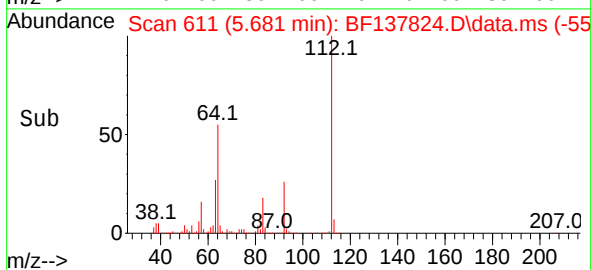
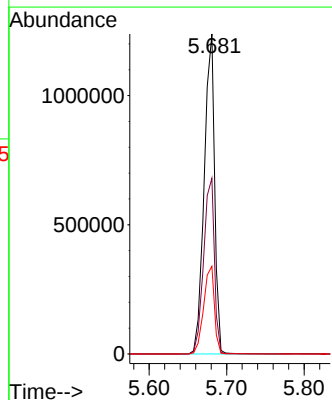
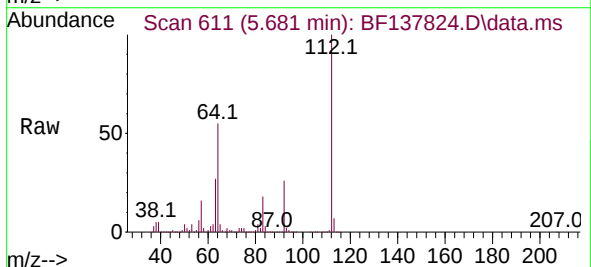
Instrument :
BNA_F
ClientSampleId :
TP-4

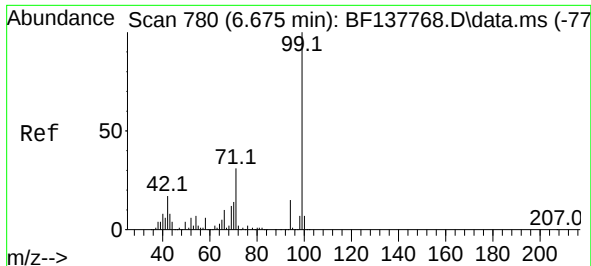
Tgt Ion:152 Resp: 141922
Ion Ratio Lower Upper
152 100
150 156.5 124.1 186.1
115 58.5 49.1 73.7



#5
2-Fluorophenol
Concen: 136.574 ng
RT: 5.681 min Scan# 611
Delta R.T. 0.006 min
Lab File: BF137824.D
Acq: 02 May 2024 19:56

Tgt Ion:112 Resp: 1157673
Ion Ratio Lower Upper
112 100
64 54.9 47.3 70.9
63 27.4 23.7 35.5

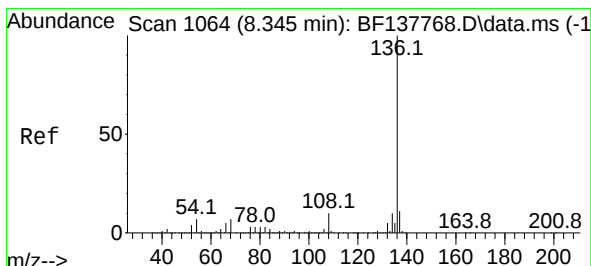
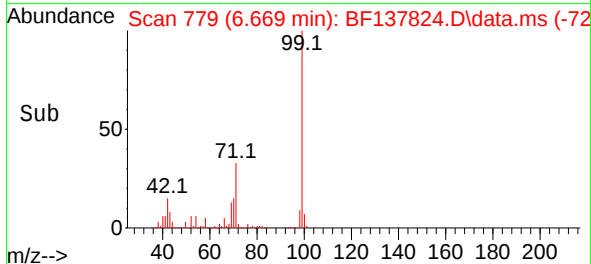
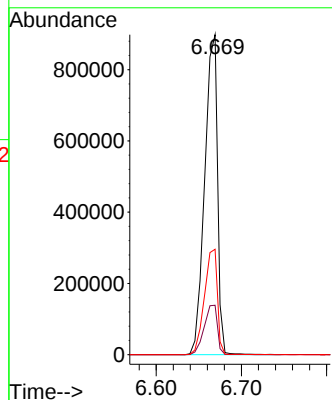
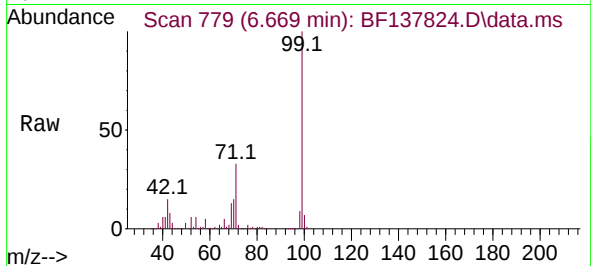




#7
Phenol-d6
Concen: 87.281 ng
RT: 6.669 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137824.D
Acq: 02 May 2024 19:56

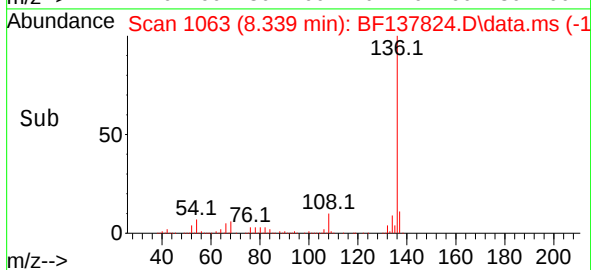
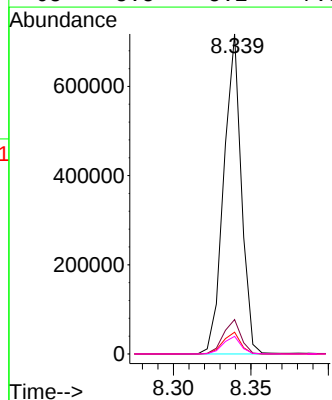
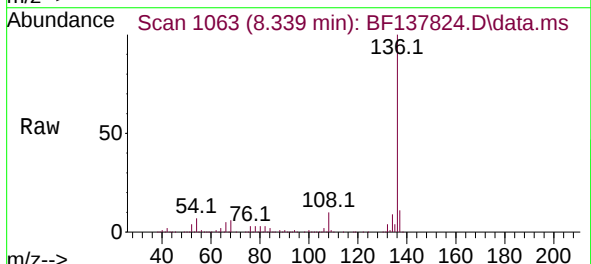
Instrument :
BNA_F
ClientSampleId :
TP-4

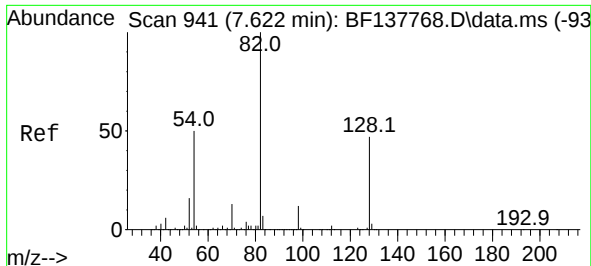
Tgt Ion: 99 Resp: 938420
Ion Ratio Lower Upper
99 100
42 15.5 13.2 19.8
71 32.9 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.339 min Scan# 1063
Delta R.T. -0.006 min
Lab File: BF137824.D
Acq: 02 May 2024 19:56

Tgt Ion: 136 Resp: 565558
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.8 5.8 8.8
68 5.5 5.2 7.8





#23

Nitrobenzene-d5

Concen: 53.288 ng

RT: 7.616 min Scan# 941

Delta R.T. -0.006 min

Lab File: BF137824.D

Acq: 02 May 2024 19:56

Instrument :

BNA_F

ClientSampleId :

TP-4

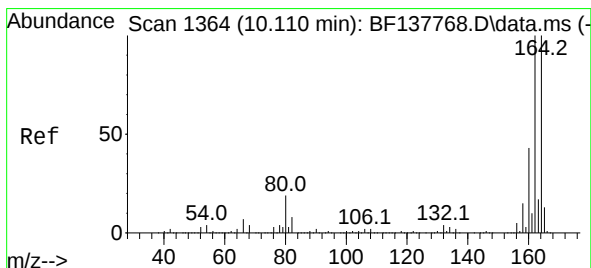
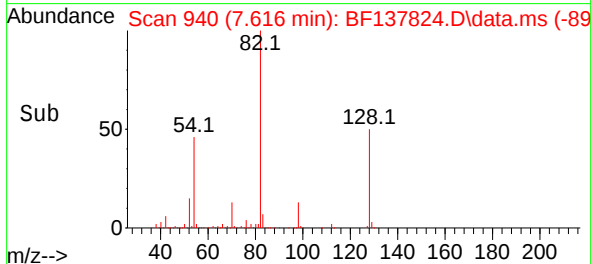
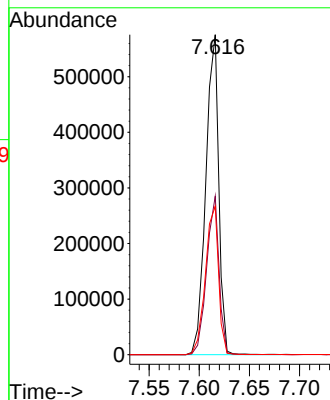
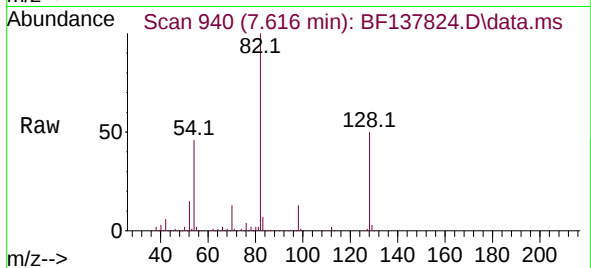
Tgt Ion: 82 Resp: 518732

Ion Ratio Lower Upper

82 100

128 49.5 37.5 56.3

54 46.4 39.8 59.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.098 min Scan# 1362

Delta R.T. -0.012 min

Lab File: BF137824.D

Acq: 02 May 2024 19:56

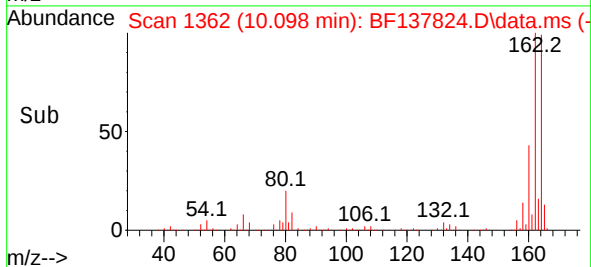
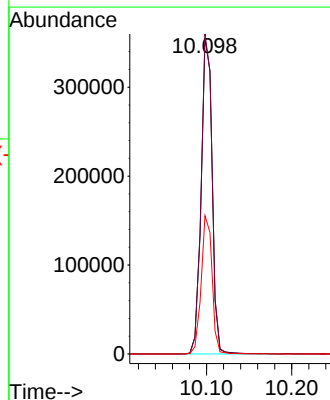
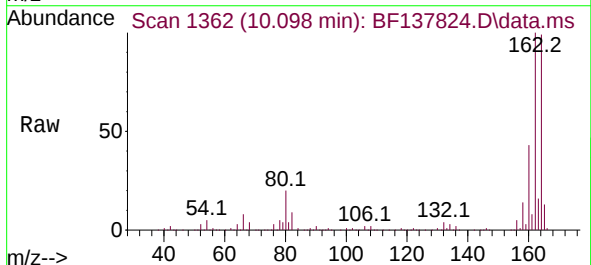
Tgt Ion:164 Resp: 317638

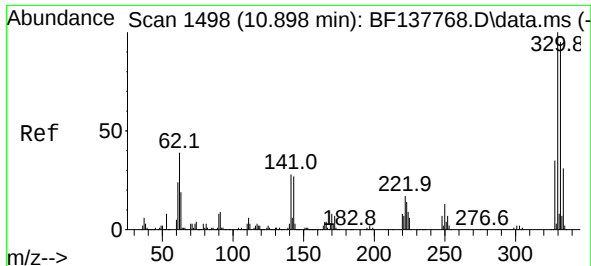
Ion Ratio Lower Upper

164 100

162 101.2 79.8 119.6

160 43.7 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 85.373 ng

RT: 10.892 min Scan# 1498

Delta R.T. -0.006 min

Lab File: BF137824.D

Acq: 02 May 2024 19:56

Instrument :

BNA_F

ClientSampleId :

TP-4

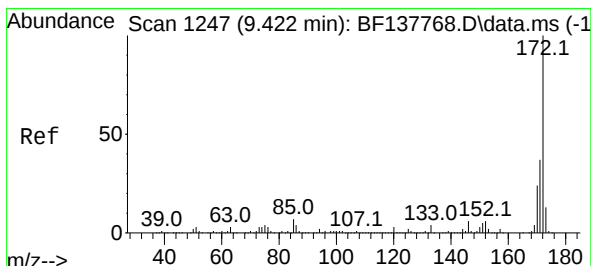
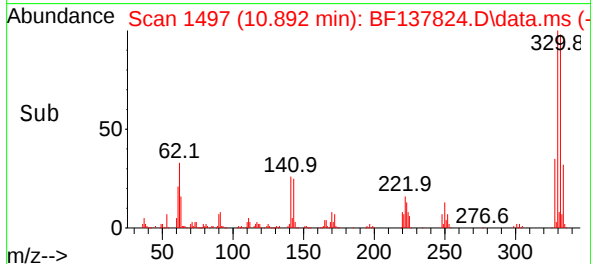
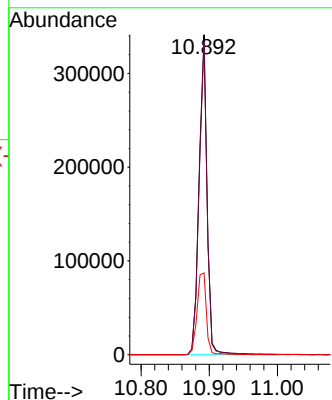
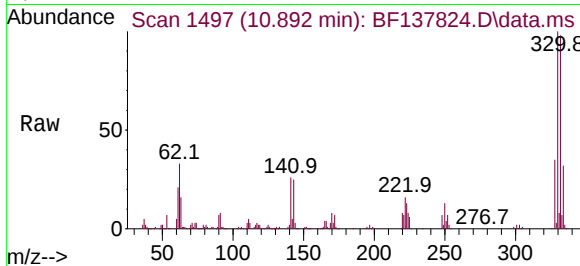
Tgt Ion:330 Resp: 276879

Ion Ratio Lower Upper

330 100

332 97.8 77.3 115.9

141 29.9 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 53.959 ng

RT: 9.410 min Scan# 1245

Delta R.T. -0.012 min

Lab File: BF137824.D

Acq: 02 May 2024 19:56

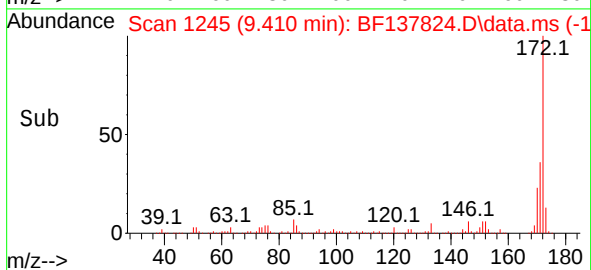
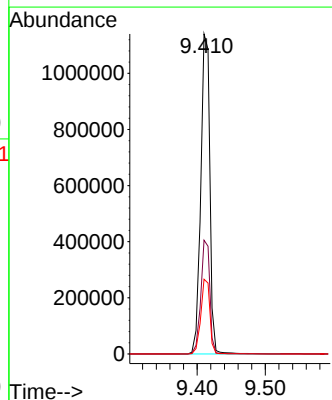
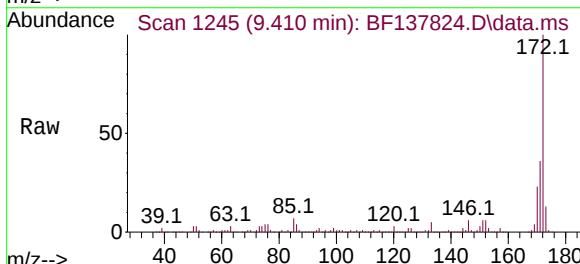
Tgt Ion:172 Resp: 1056452

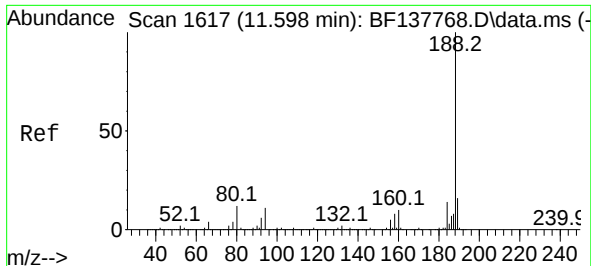
Ion Ratio Lower Upper

172 100

171 35.5 29.6 44.4

170 23.3 19.4 29.2

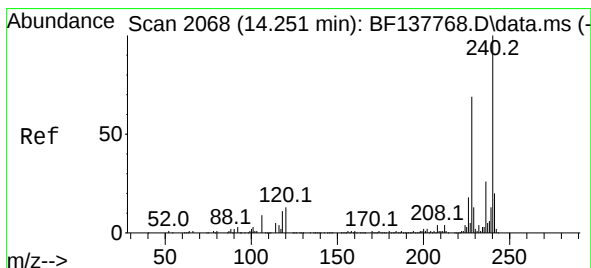
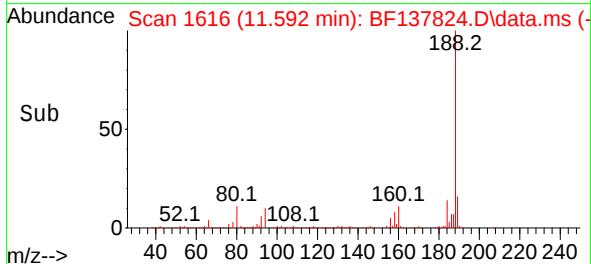
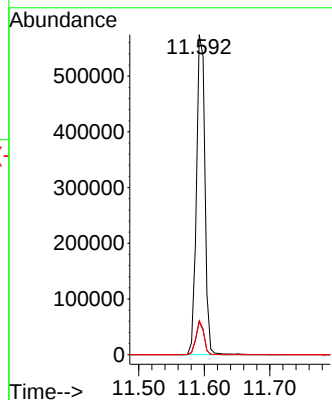
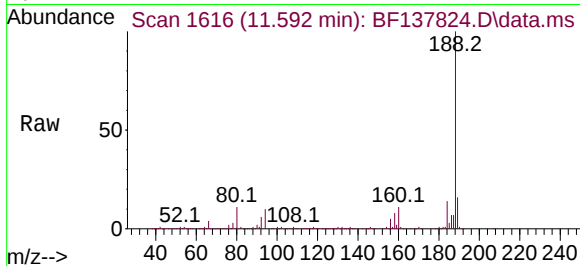




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.592 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137824.D
Acq: 02 May 2024 19:56

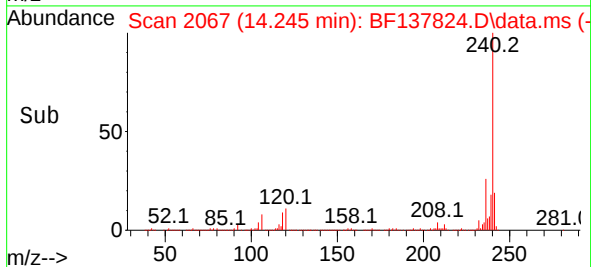
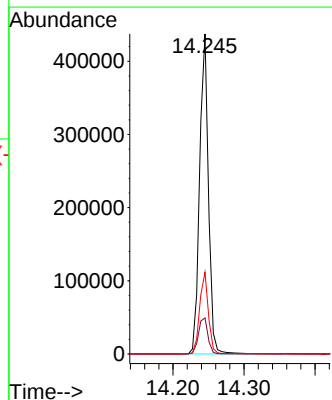
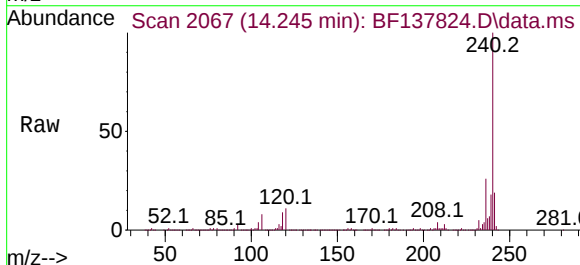
Instrument :
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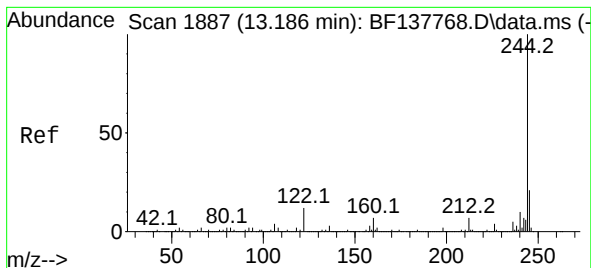
Tgt Ion:188 Resp: 516241
Ion Ratio Lower Upper
188 100
94 10.3 8.8 13.2
80 10.7 9.6 14.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.245 min Scan# 2067
Delta R.T. -0.006 min
Lab File: BF137824.D
Acq: 02 May 2024 19:56

Tgt Ion:240 Resp: 379382
Ion Ratio Lower Upper
240 100
120 11.3 10.4 15.6
236 25.5 20.4 30.6





#79

Terphenyl-d14

Concen: 43.912 ng

RT: 13.180 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137824.D

Acq: 02 May 2024 19:56

Instrument :

BNA_F

ClientSampleId :

TP-4

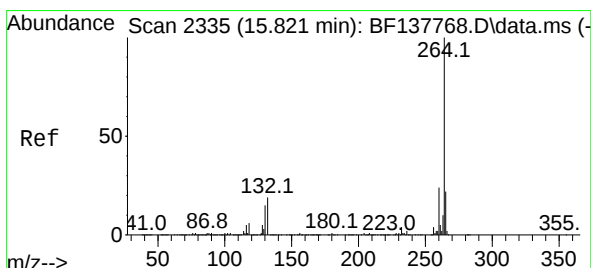
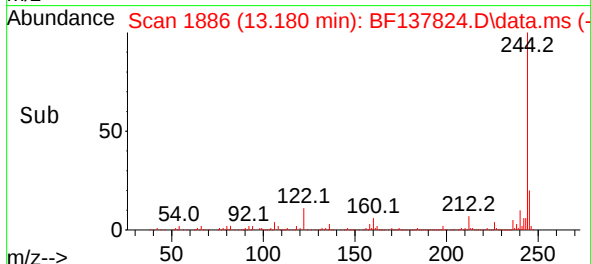
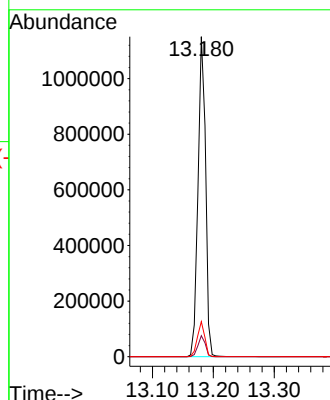
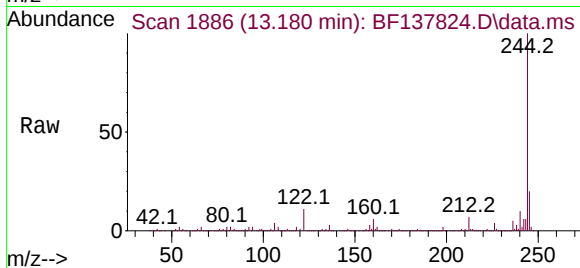
Tgt Ion:244 Resp: 994092

Ion Ratio Lower Upper

244 100

212 6.5 5.5 8.3

122 10.9 9.4 14.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.815 min Scan# 2334

Delta R.T. -0.006 min

Lab File: BF137824.D

Acq: 02 May 2024 19:56

Tgt Ion:264 Resp: 409217

Ion Ratio Lower Upper

264 100

260 22.4 18.9 28.3

265 20.7 17.4 26.0

