

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051024\
 Data File : BF137880.D
 Acq On : 10 May 2024 14:47
 Operator : CG\JU
 Sample : PB160847BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160847BL

Quant Time: May 11 00:34:52 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	7.051	152	179359	20.000	ng	0.00
21) Naphthalene-d8	8.333	136	701407	20.000	ng	-0.01
39) Acenaphthene-d10	10.092	164	361694	20.000	ng	-0.02
64) Phenanthrene-d10	11.592	188	682576	20.000	ng	0.00
76) Chrysene-d12	14.239	240	464759	20.000	ng	-0.01
86) Perylene-d12	15.809	264	366965	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	1391532	129.897	ng	0.01
7) Phenol-d6	6.663	99	1748807	128.704	ng	-0.01
23) Nitrobenzene-d5	7.610	82	1056342	87.498	ng	-0.01
42) 2,4,6-Tribromophenol	10.886	330	492532	133.370	ng	-0.01
45) 2-Fluorobiphenyl	9.410	172	2029446	91.030	ng	-0.01
79) Terphenyl-d14	13.180	244	2581596	93.089	ng	0.00

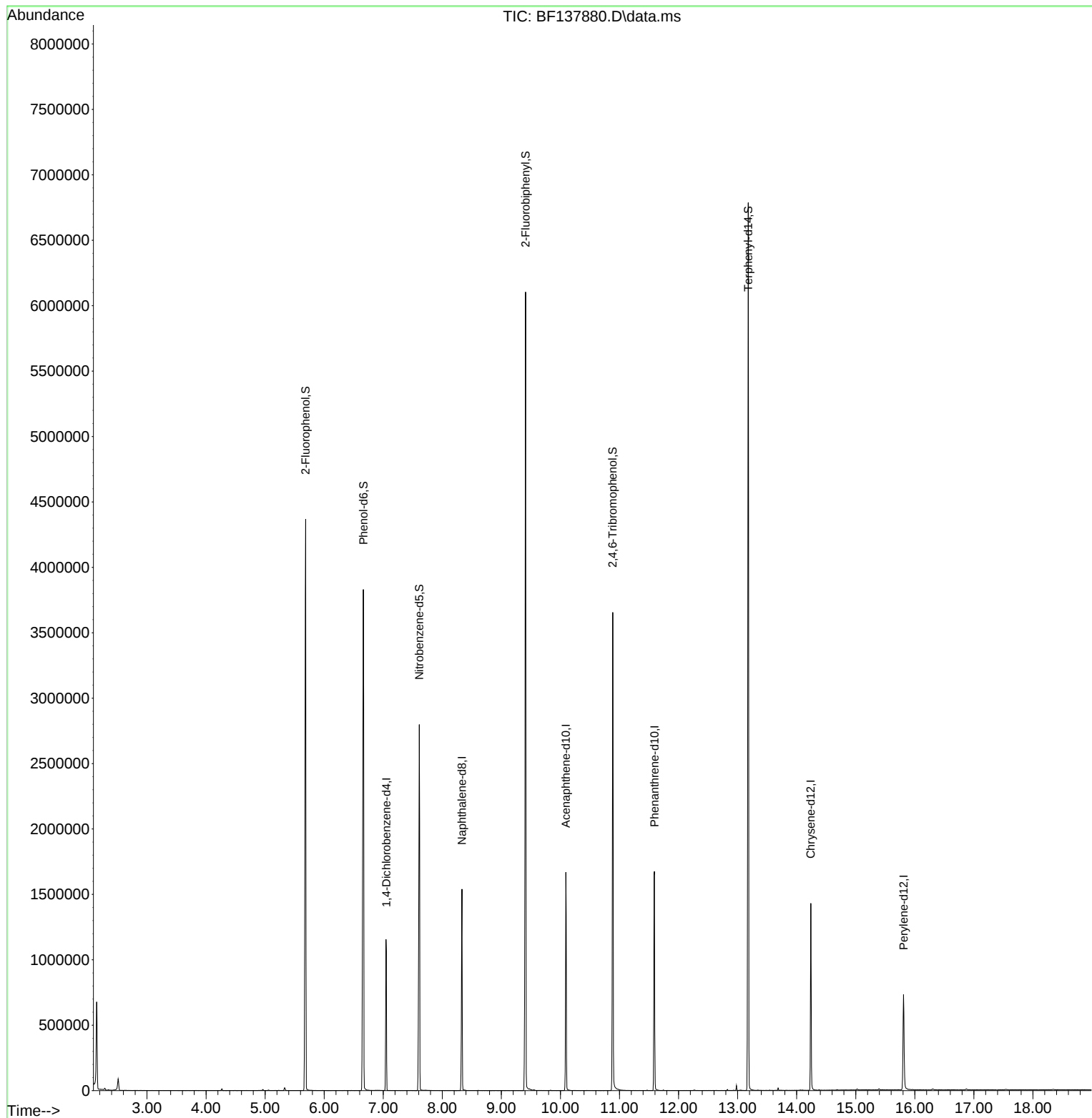
Target Compounds	Qvalue

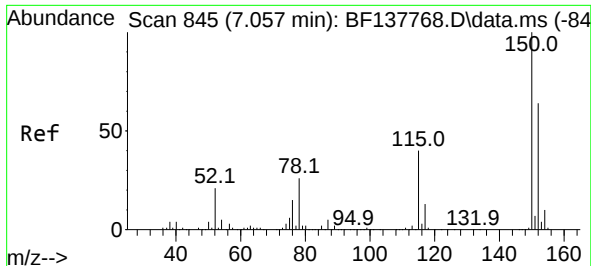
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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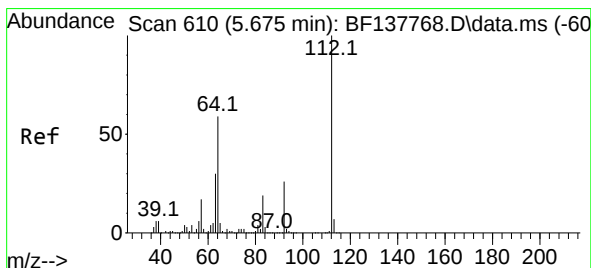
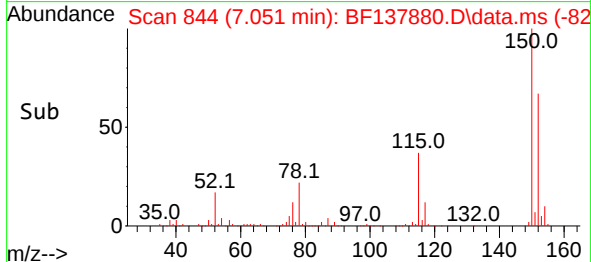
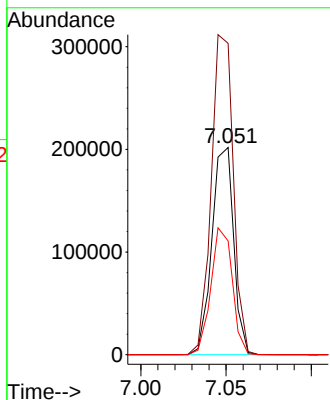
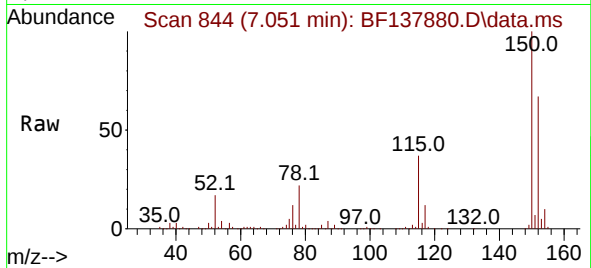




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.051 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137880.D
Acq: 10 May 2024 14:47

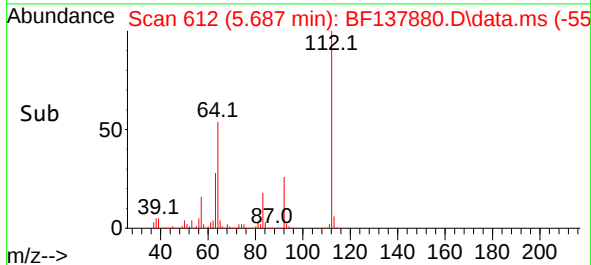
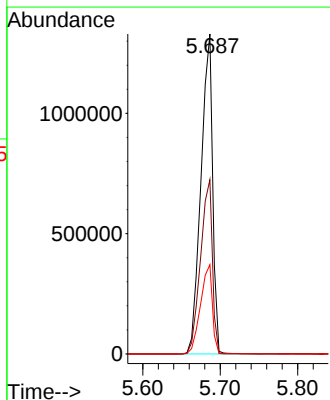
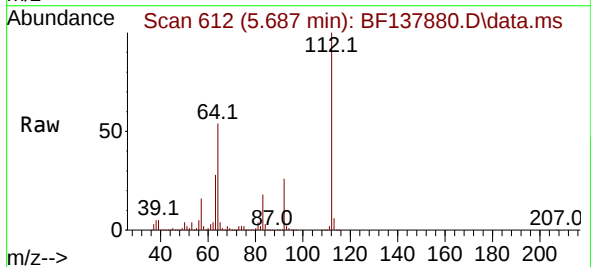
Instrument :
BNA_F
ClientSampleId :
PB160847BL

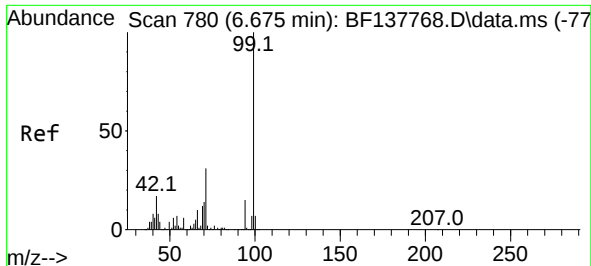
Tgt Ion:152 Resp: 179359
Ion Ratio Lower Upper
152 100
150 150.2 124.1 186.1
115 54.9 49.1 73.7



#5
2-Fluorophenol
Concen: 129.897 ng
RT: 5.687 min Scan# 612
Delta R.T. 0.012 min
Lab File: BF137880.D
Acq: 10 May 2024 14:47

Tgt Ion:112 Resp: 1391532
Ion Ratio Lower Upper
112 100
64 54.5 47.3 70.9
63 27.9 23.7 35.5

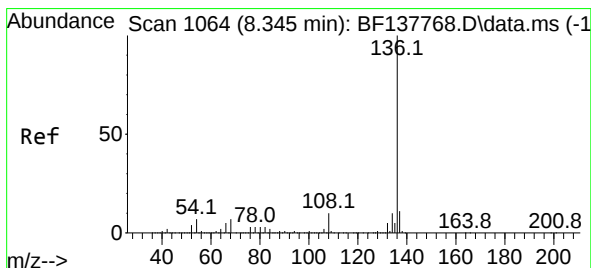
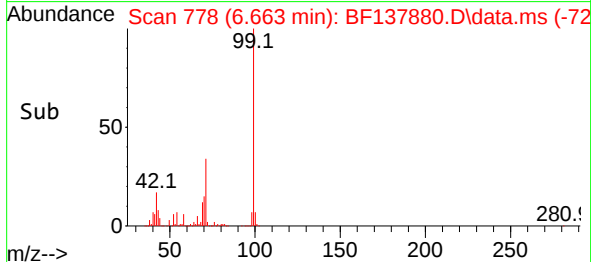
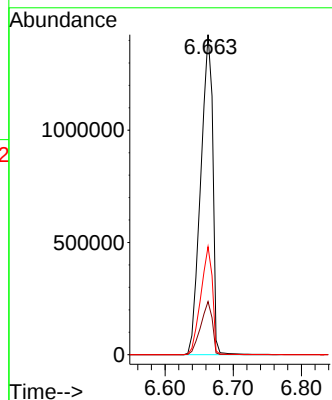
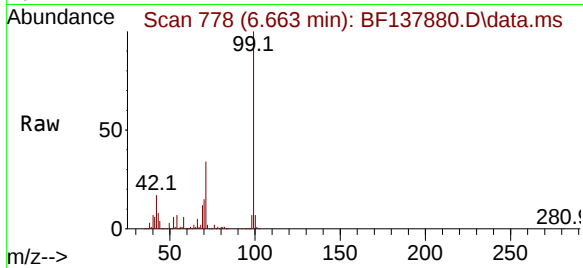




#7
Phenol-d6
Concen: 128.704 ng
RT: 6.663 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137880.D
Acq: 10 May 2024 14:47

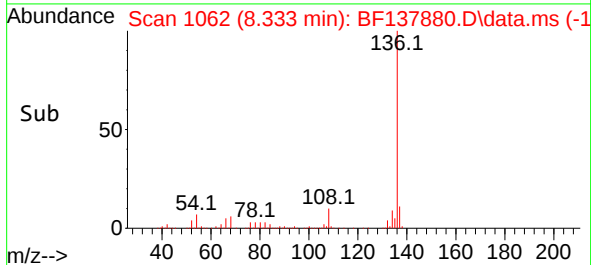
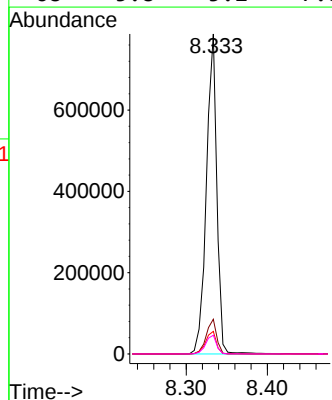
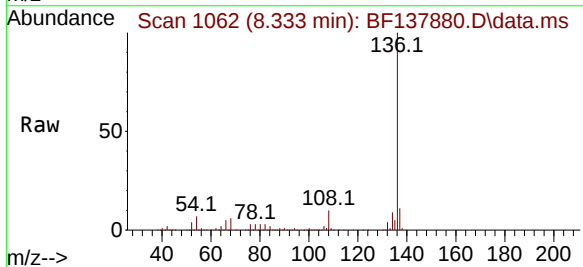
Instrument :
BNA_F
ClientSampleId :
PB160847BL

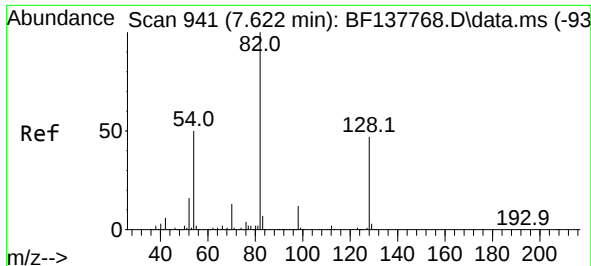
Tgt Ion: 99 Resp: 1748807
Ion Ratio Lower Upper
99 100
42 16.6 13.2 19.8
71 33.7 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.333 min Scan# 1062
Delta R.T. -0.012 min
Lab File: BF137880.D
Acq: 10 May 2024 14:47

Tgt Ion: 136 Resp: 701407
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.1 5.8 8.8
68 5.8 5.2 7.8





#23

Nitrobenzene-d5

Concen: 87.498 ng

RT: 7.610 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF137880.D

Acq: 10 May 2024 14:47

Instrument :

BNA_F

ClientSampleId :

PB160847BL

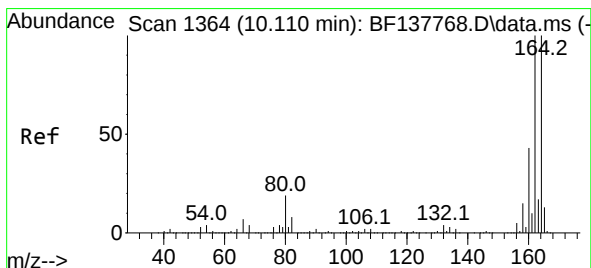
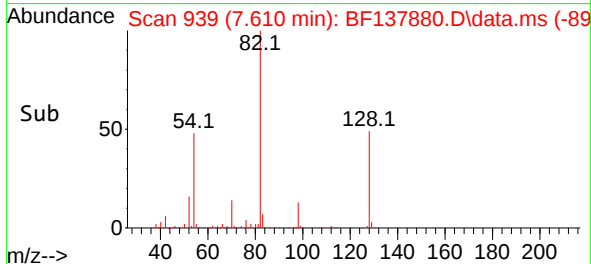
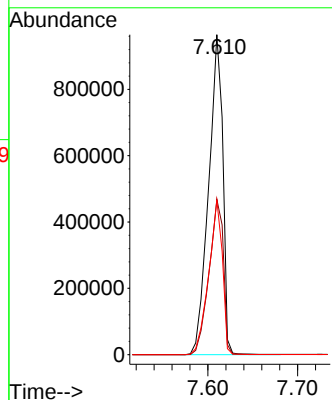
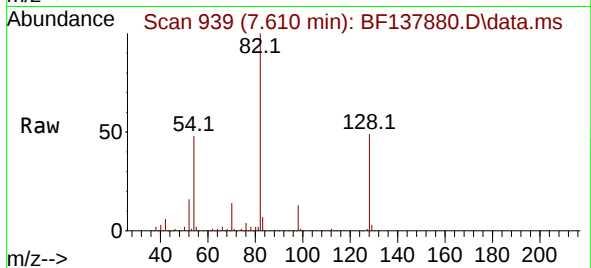
Tgt Ion: 82 Resp: 1056342

Ion Ratio Lower Upper

82 100

128 48.6 37.5 56.3

54 48.3 39.8 59.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.092 min Scan# 1361

Delta R.T. -0.018 min

Lab File: BF137880.D

Acq: 10 May 2024 14:47

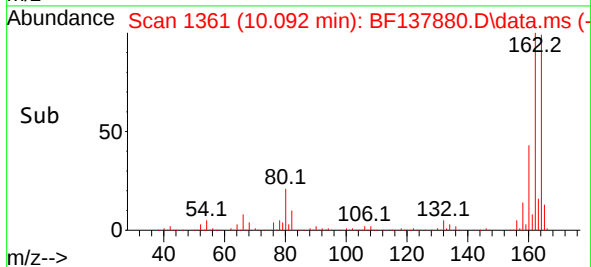
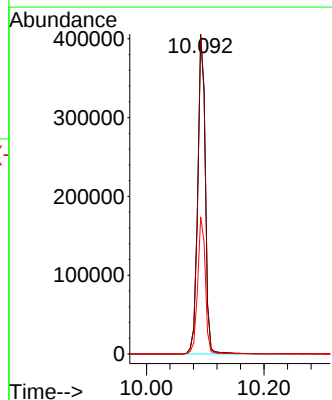
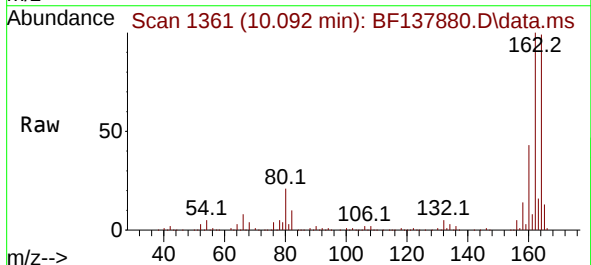
Tgt Ion:164 Resp: 361694

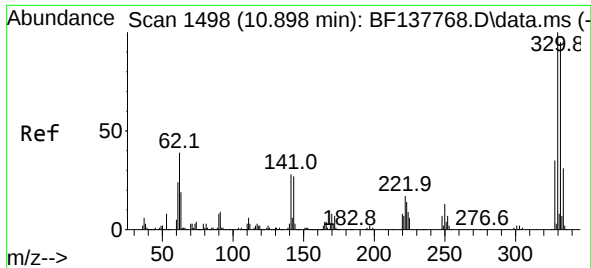
Ion Ratio Lower Upper

164 100

162 100.9 79.8 119.6

160 43.3 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 133.370 ng

RT: 10.886 min Scan# 1498

Delta R.T. -0.012 min

Lab File: BF137880.D

Acq: 10 May 2024 14:47

Instrument :

BNA_F

ClientSampleId :

PB160847BL

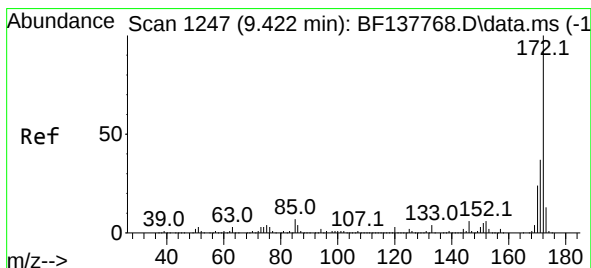
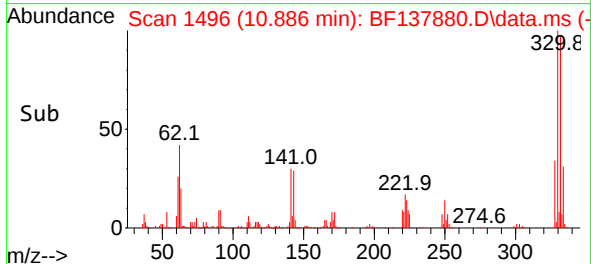
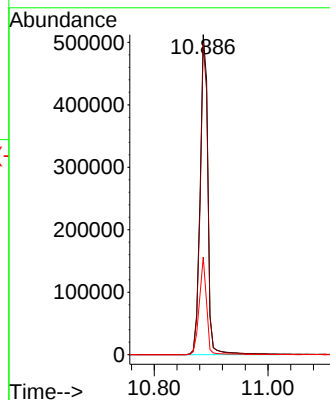
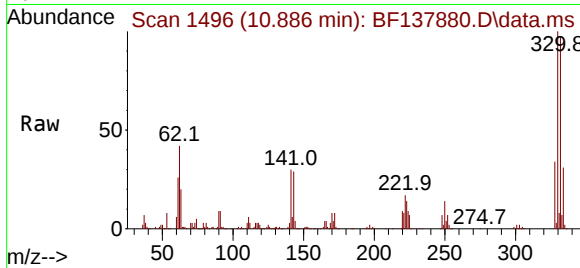
Tgt Ion:330 Resp: 492532

Ion Ratio Lower Upper

330 100

332 96.7 77.3 115.9

141 28.7 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 91.030 ng

RT: 9.410 min Scan# 1245

Delta R.T. -0.012 min

Lab File: BF137880.D

Acq: 10 May 2024 14:47

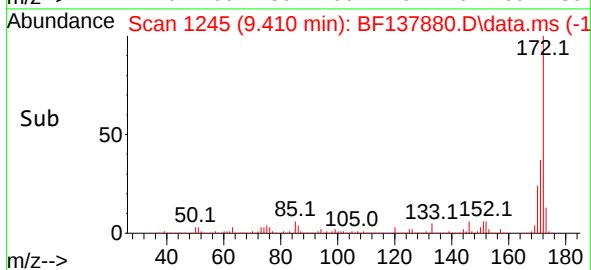
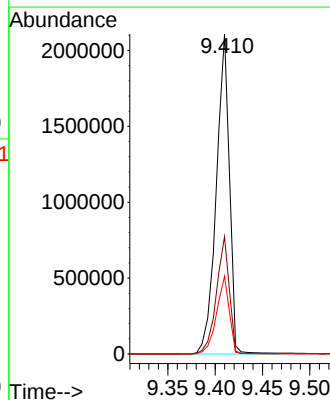
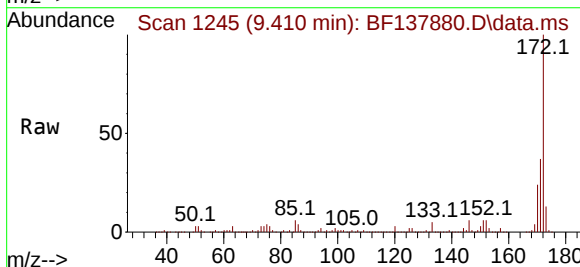
Tgt Ion:172 Resp: 2029446

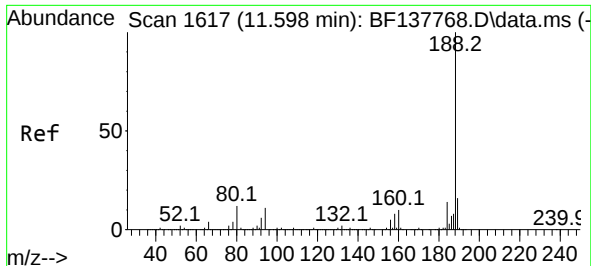
Ion Ratio Lower Upper

172 100

171 36.6 29.6 44.4

170 24.3 19.4 29.2

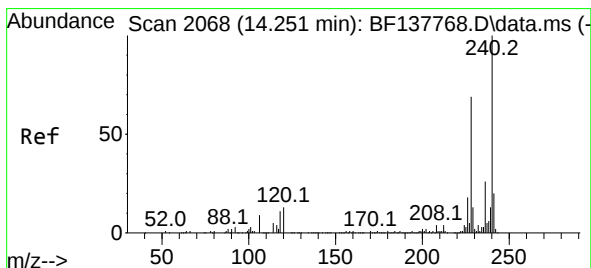
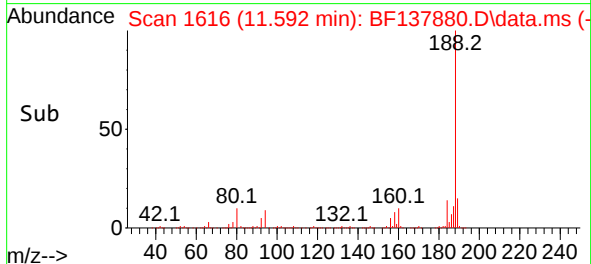
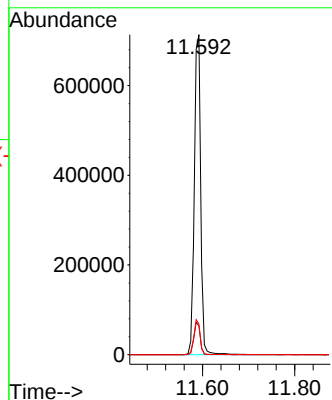
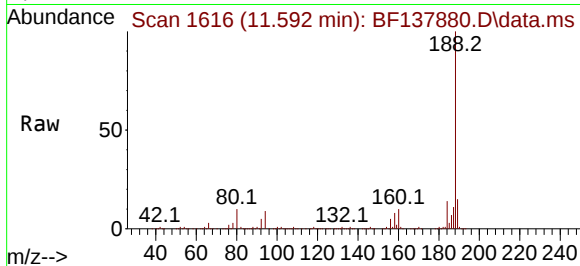




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.592 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF137880.D
Acq: 10 May 2024 14:47

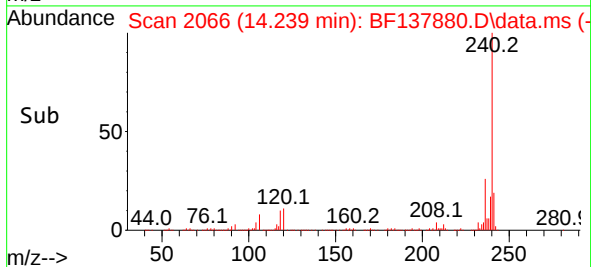
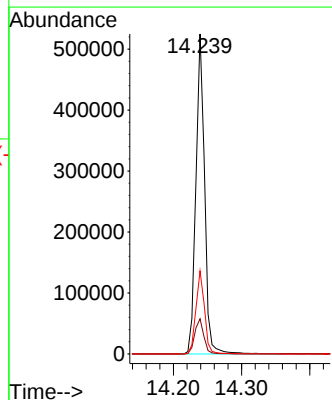
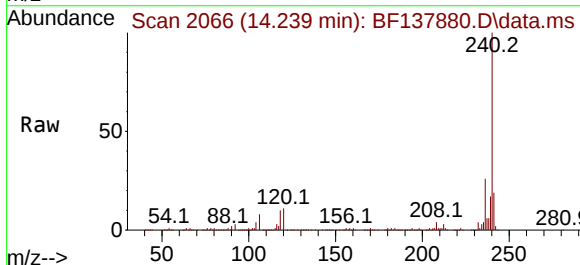
Instrument :
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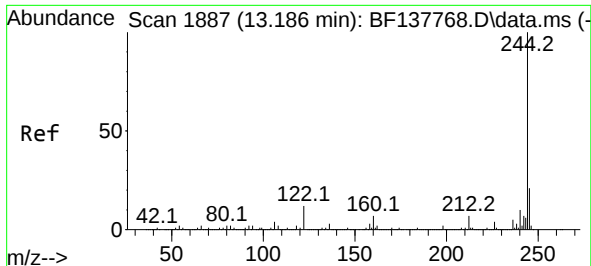
Tgt Ion:188 Resp: 682576
Ion Ratio Lower Upper
188 100
94 8.9 8.8 13.2
80 9.6 9.6 14.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.239 min Scan# 2066
Delta R.T. -0.012 min
Lab File: BF137880.D
Acq: 10 May 2024 14:47

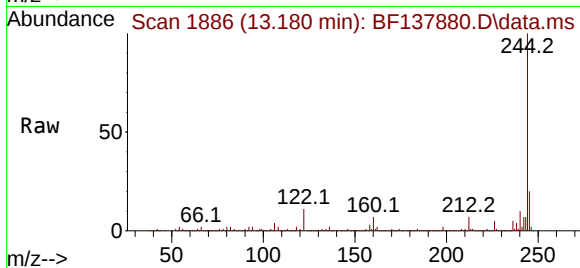
Tgt Ion:240 Resp: 464759
Ion Ratio Lower Upper
240 100
120 11.0 10.4 15.6
236 26.0 20.4 30.6



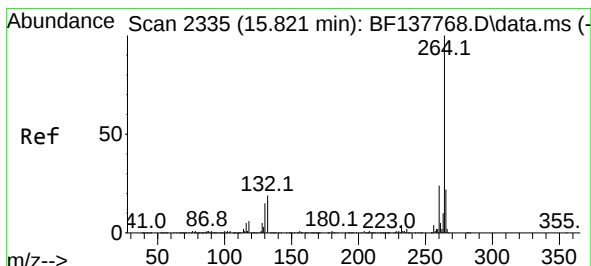
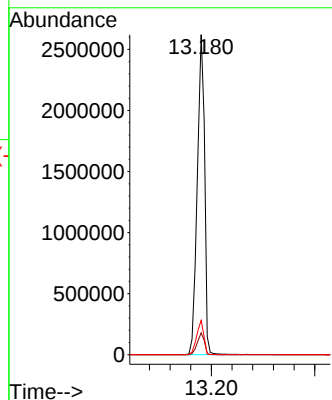
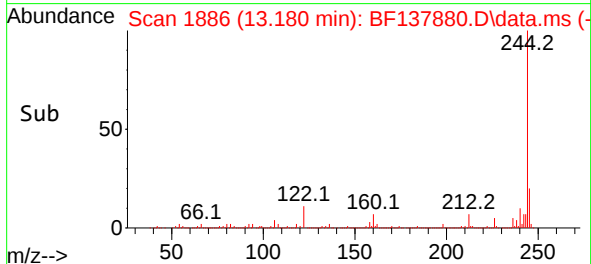


#79
 Terphenyl-d14
 Concen: 93.089 ng
 RT: 13.180 min Scan# 1886
 Delta R.T. -0.006 min
 Lab File: BF137880.D
 Acq: 10 May 2024 14:47

Instrument :
 BNA_F
 ClientSampleId :
 PB160847BL



Tgt Ion:244 Resp: 2581596
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 10.7 9.4 14.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.809 min Scan# 2333
 Delta R.T. -0.012 min
 Lab File: BF137880.D
 Acq: 10 May 2024 14:47

Tgt Ion:264 Resp: 366965
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.9 28.3
 265 22.0 17.4 26.0

