

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052024\
 Data File : BF137966.D
 Acq On : 20 May 2024 18:37
 Operator : CG\JU
 Sample : P2513-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-15

Quant Time: May 21 01:20:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

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

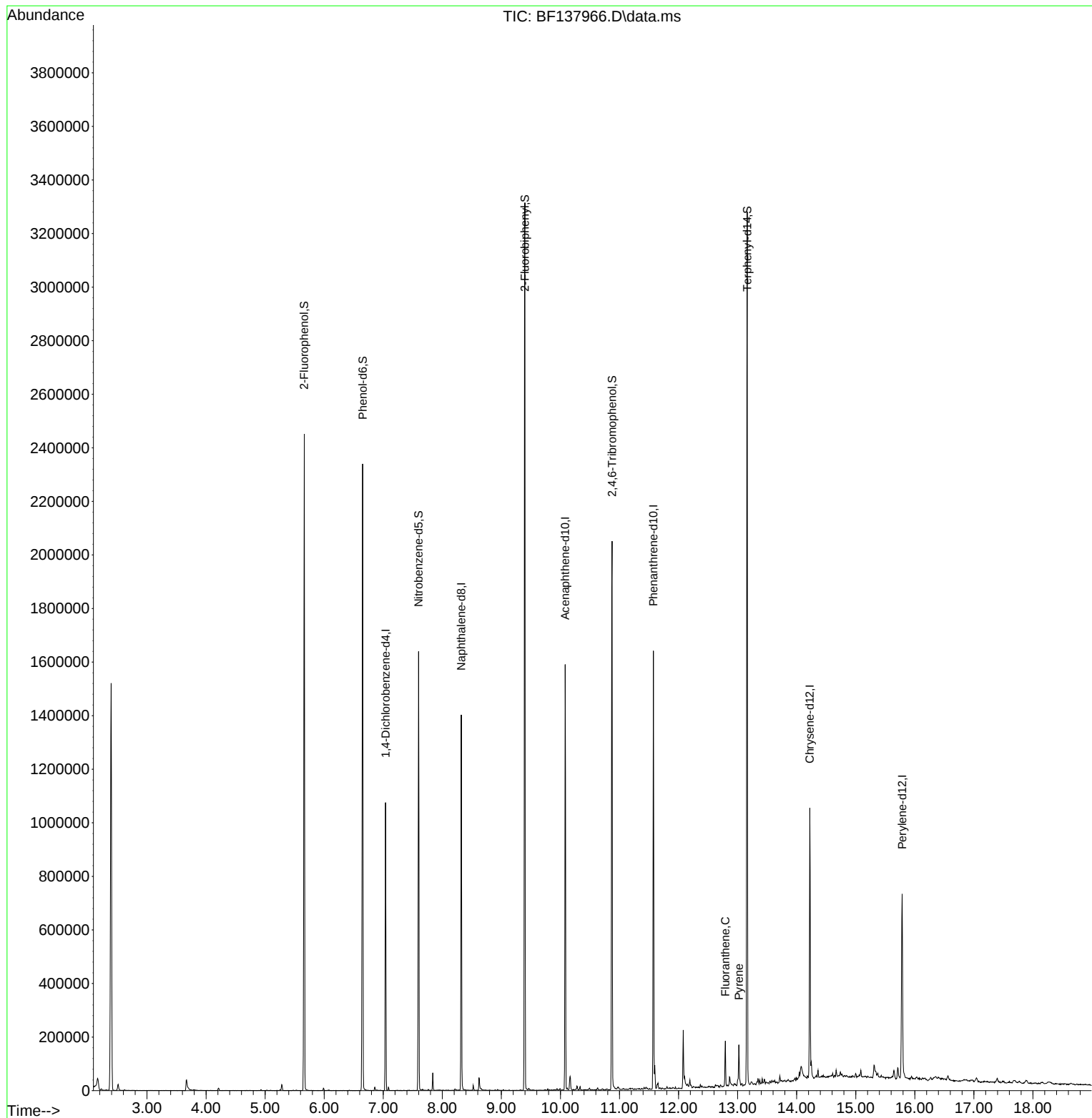
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.040	152	141682	20.000	ng	0.00
21) Naphthalene-d8	8.322	136	555868	20.000	ng	0.00
39) Acenaphthene-d10	10.080	164	315866	20.000	ng	0.00
64) Phenanthrene-d10	11.575	188	541550	20.000	ng	0.00
76) Chrysene-d12	14.221	240	314814	20.000	ng	0.00
86) Perylene-d12	15.786	264	341521	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.663	112	671163	80.467	ng	0.00
7) Phenol-d6	6.651	99	830924	80.871	ng	0.00
23) Nitrobenzene-d5	7.598	82	491635	52.050	ng	-0.01
42) 2,4,6-Tribromophenol	10.875	330	271488	85.243	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1052788	51.341	ng	0.00
79) Terphenyl-d14	13.163	244	1109485	51.940	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.792	202	59231	2.187	ng	99
78) Pyrene	13.021	202	55457	2.014	ng	98

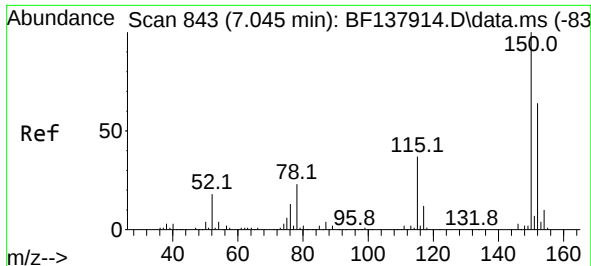
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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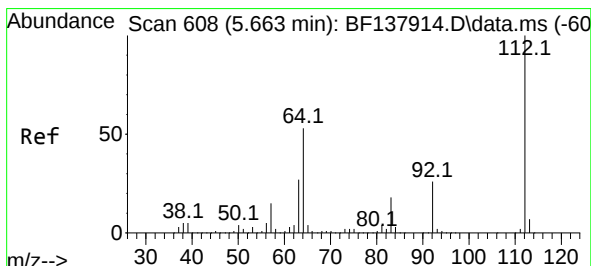
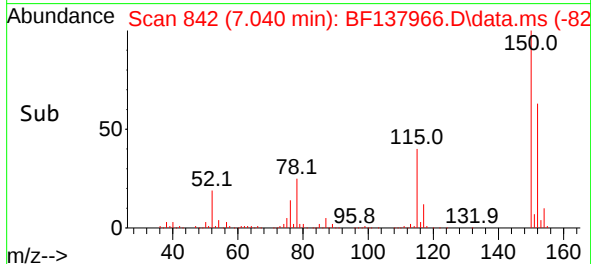
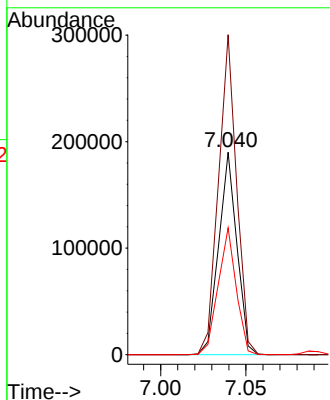
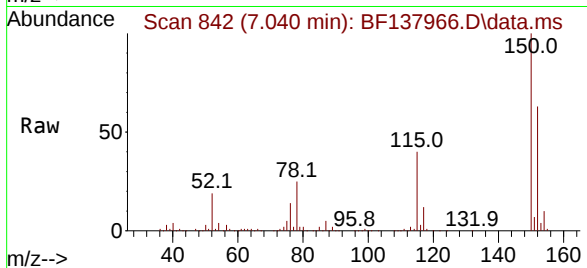




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.040 min Scan# 84
Delta R.T. -0.005 min
Lab File: BF137966.D
Acq: 20 May 2024 18:37

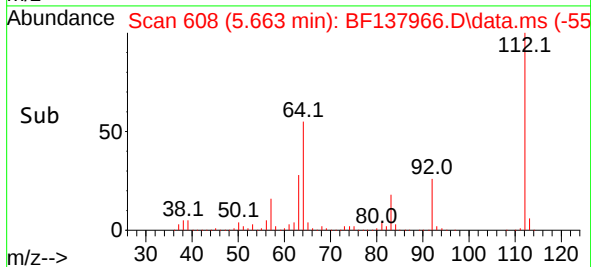
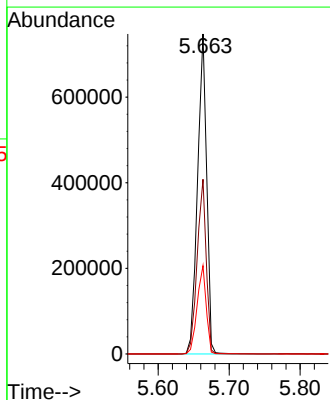
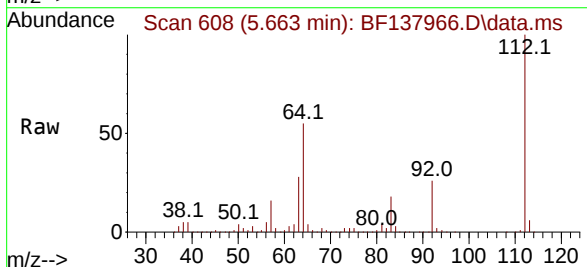
Instrument :
BNA_F
ClientSampleId :
TP-15

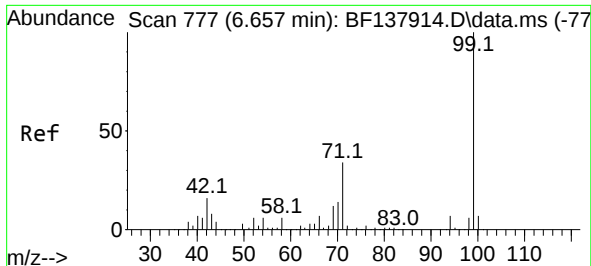
Tgt Ion:152 Resp: 141682
Ion Ratio Lower Upper
152 100
150 158.1 125.7 188.5
115 62.7 47.0 70.6



#5
2-Fluorophenol
Concen: 80.467 ng
RT: 5.663 min Scan# 608
Delta R.T. 0.000 min
Lab File: BF137966.D
Acq: 20 May 2024 18:37

Tgt Ion:112 Resp: 671163
Ion Ratio Lower Upper
112 100
64 54.6 42.4 63.6
63 27.6 21.4 32.2

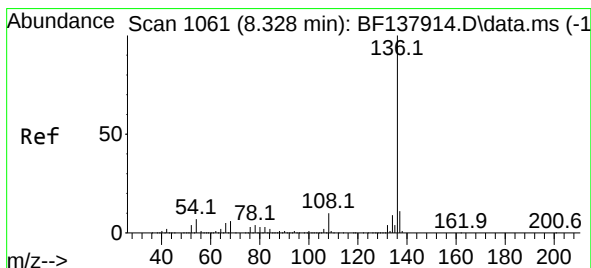
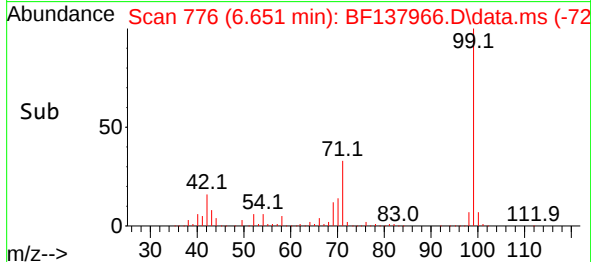
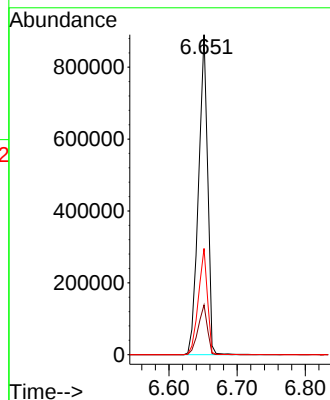
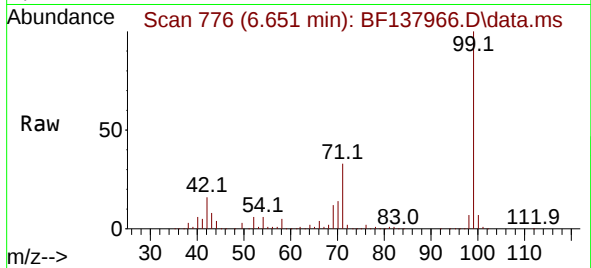




#7
Phenol-d6
Concen: 80.871 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137966.D
Acq: 20 May 2024 18:37

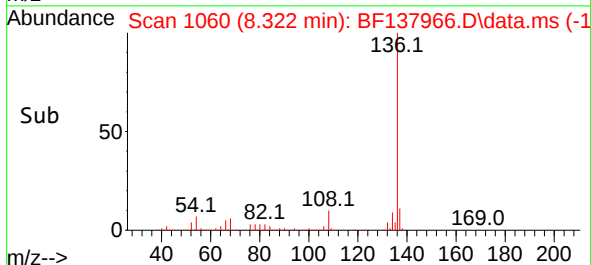
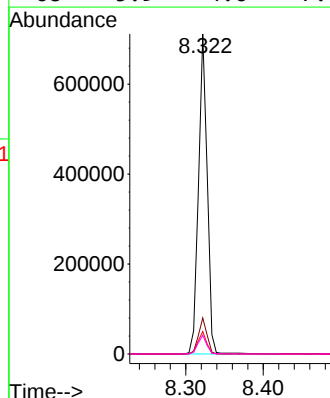
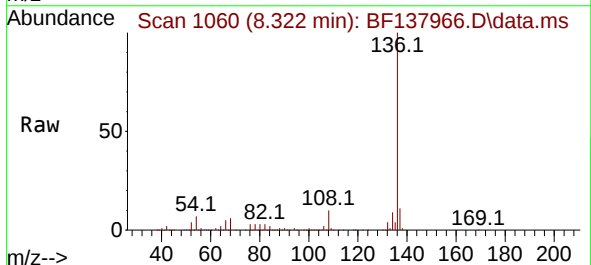
Instrument :
BNA_F
ClientSampleId :
TP-15

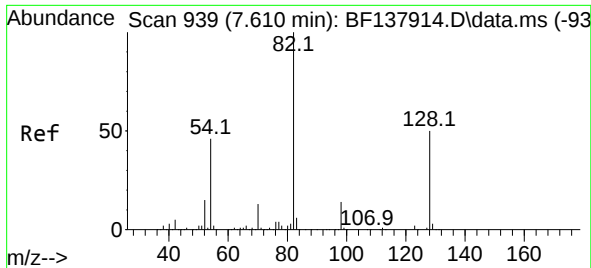
Tgt Ion: 99 Resp: 830924
Ion Ratio Lower Upper
99 100
42 15.6 12.6 18.8
71 33.2 27.1 40.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.322 min Scan# 1060
Delta R.T. -0.006 min
Lab File: BF137966.D
Acq: 20 May 2024 18:37

Tgt Ion: 136 Resp: 555868
Ion Ratio Lower Upper
136 100
137 11.3 8.7 13.1
54 7.0 5.4 8.2
68 5.9 4.6 7.0

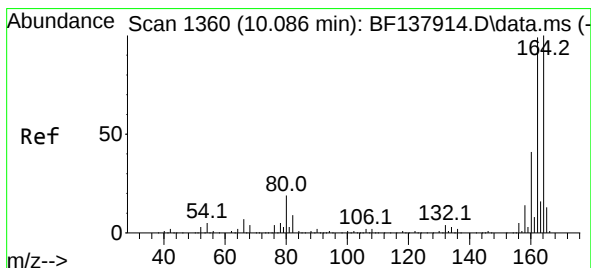
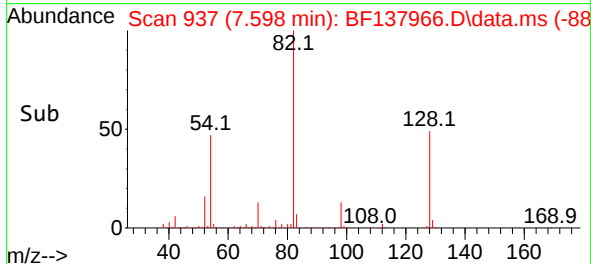
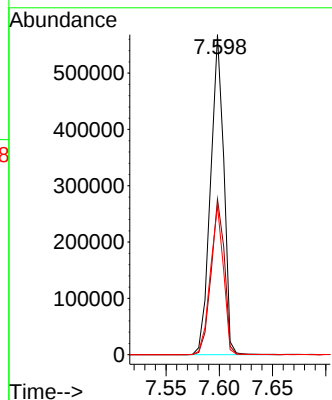
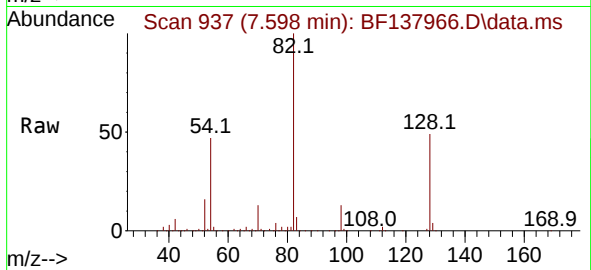




#23
Nitrobenzene-d5
Concen: 52.050 ng
RT: 7.598 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF137966.D
Acq: 20 May 2024 18:37

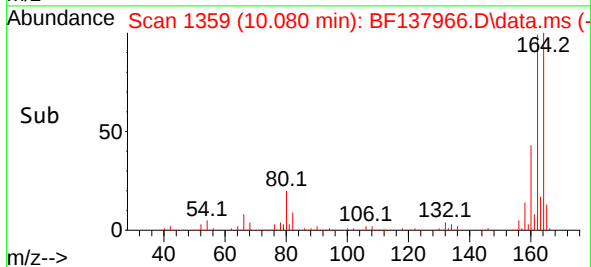
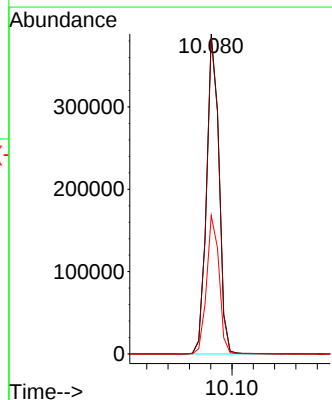
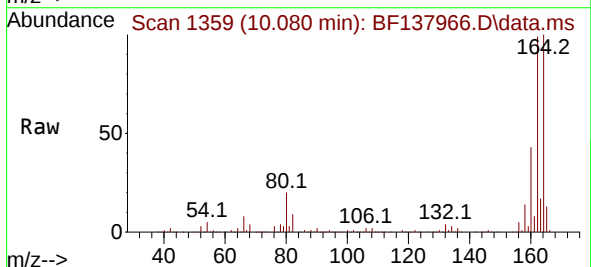
Instrument :
BNA_F
ClientSampleId :
TP-15

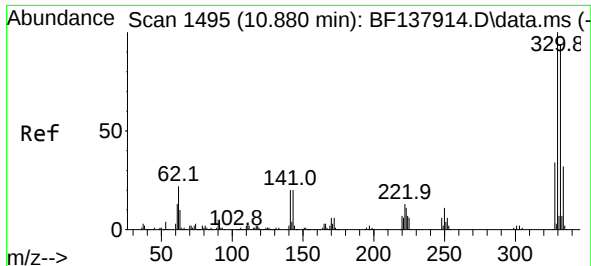
Tgt Ion: 82 Resp: 491635
Ion Ratio Lower Upper
82 100
128 48.6 40.3 60.5
54 46.6 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF137966.D
Acq: 20 May 2024 18:37

Tgt Ion: 164 Resp: 315866
Ion Ratio Lower Upper
164 100
162 98.8 79.4 119.2
160 43.2 33.1 49.7





#42

2,4,6-Tribromophenol

Concen: 85.243 ng

RT: 10.875 min Scan# 1494

Delta R.T. -0.006 min

Lab File: BF137966.D

Acq: 20 May 2024 18:37

Instrument :

BNA_F

ClientSampleId :

TP-15

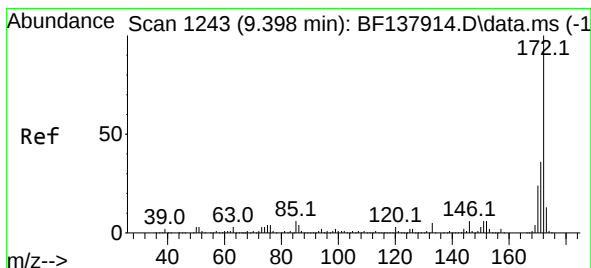
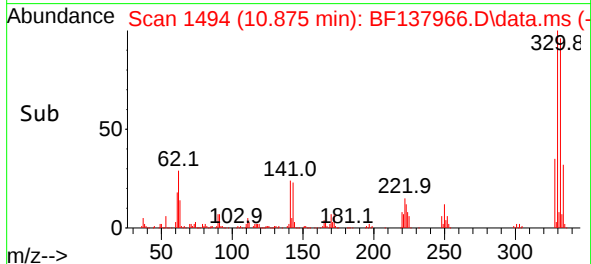
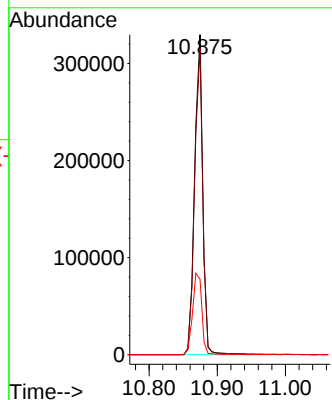
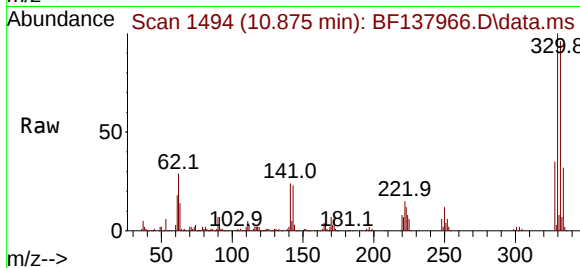
Tgt Ion:330 Resp: 271488

Ion Ratio Lower Upper

330 100

332 96.0 75.8 113.8

141 28.8 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 51.341 ng

RT: 9.398 min Scan# 1243

Delta R.T. 0.000 min

Lab File: BF137966.D

Acq: 20 May 2024 18:37

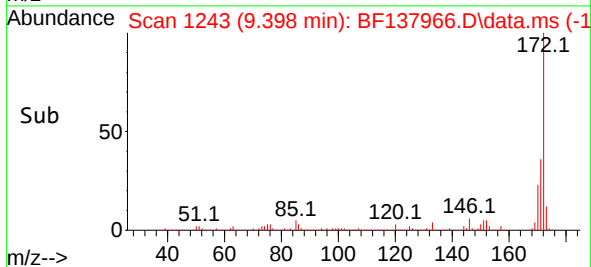
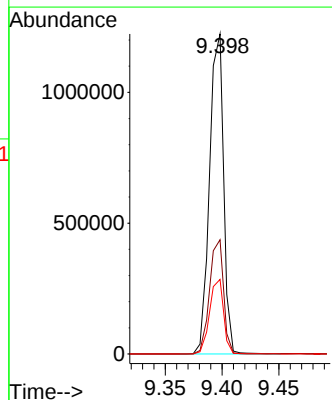
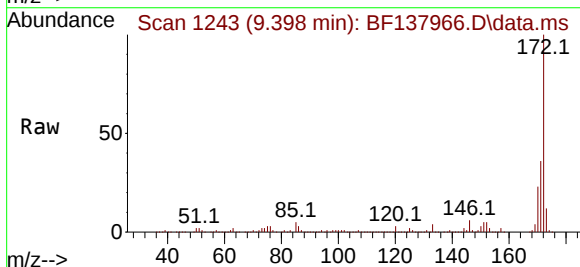
Tgt Ion:172 Resp: 1052788

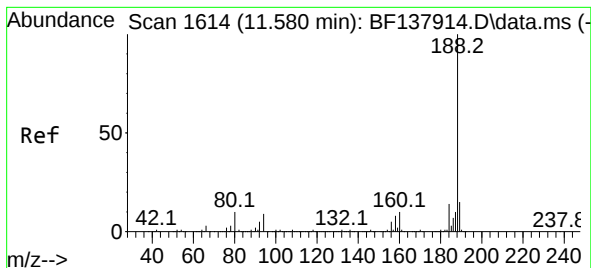
Ion Ratio Lower Upper

172 100

171 35.7 28.9 43.3

170 23.3 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.575 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137966.D

Acq: 20 May 2024 18:37

Instrument :

BNA_F

ClientSampleId :

TP-15

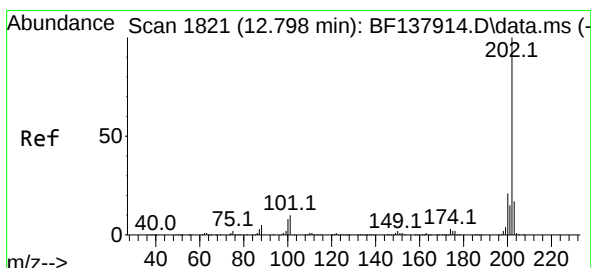
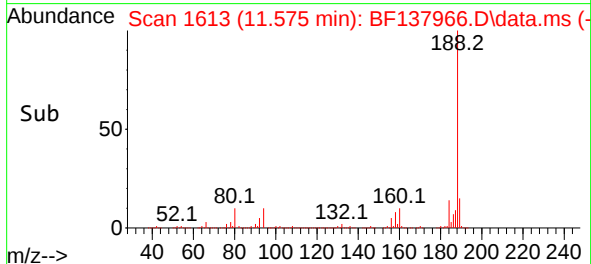
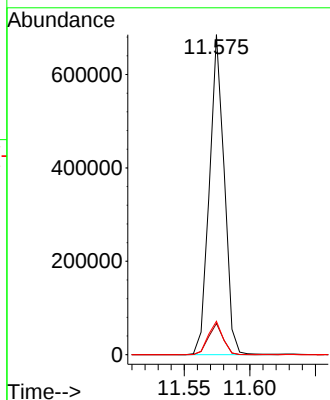
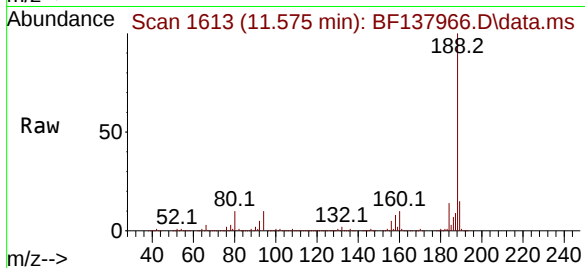
Tgt Ion:188 Resp: 541550

Ion Ratio Lower Upper

188 100

94 9.7 7.0 10.4

80 10.4 7.7 11.5



#75

Fluoranthene

Concen: 2.187 ng

RT: 12.792 min Scan# 1820

Delta R.T. -0.006 min

Lab File: BF137966.D

Acq: 20 May 2024 18:37

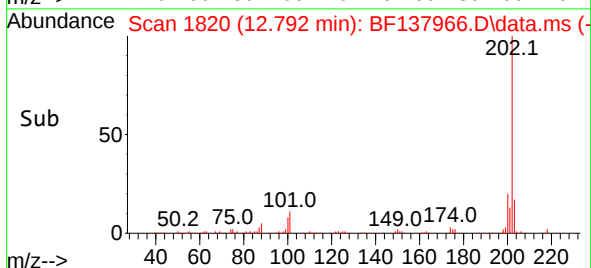
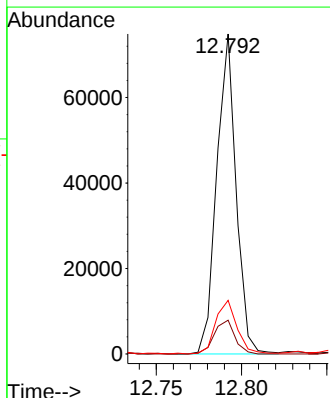
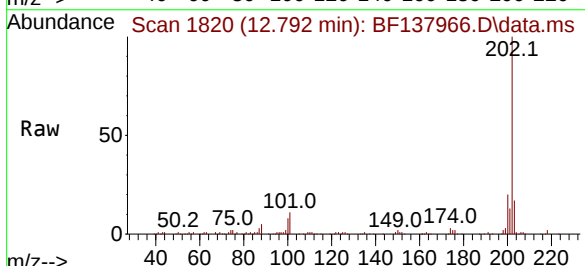
Tgt Ion:202 Resp: 59231

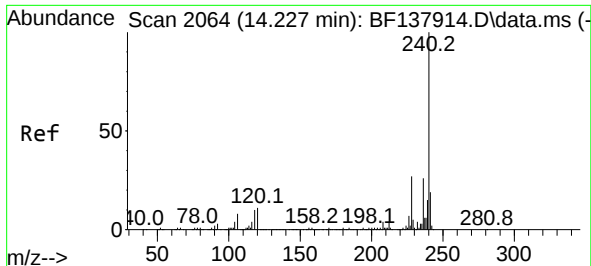
Ion Ratio Lower Upper

202 100

101 10.6 0.0 30.5

203 16.7 0.0 37.3

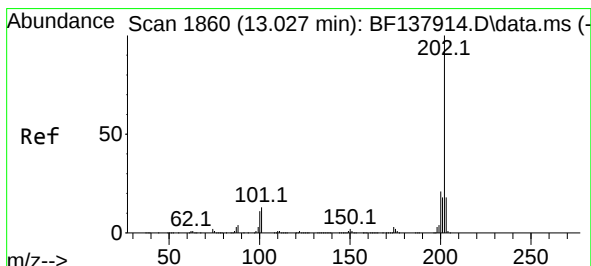
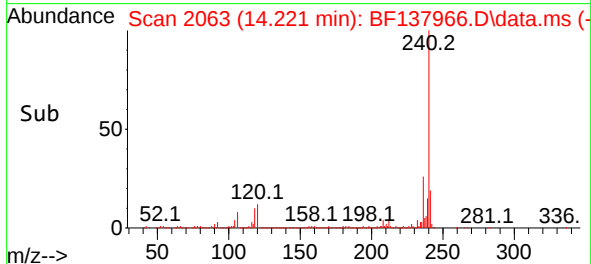
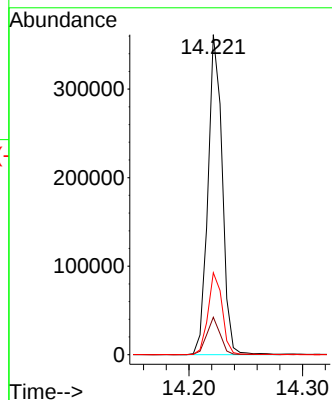
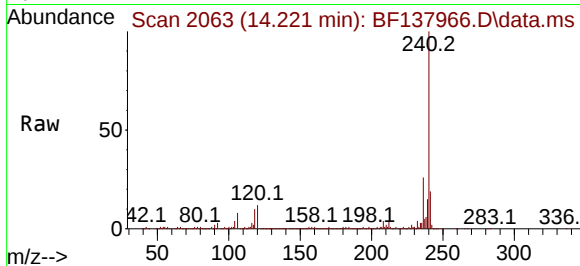




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.221 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BF137966.D
Acq: 20 May 2024 18:37

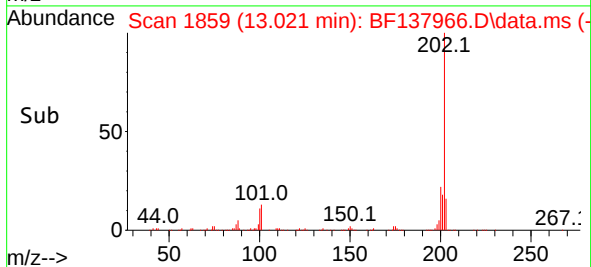
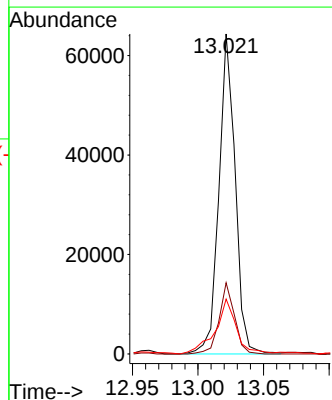
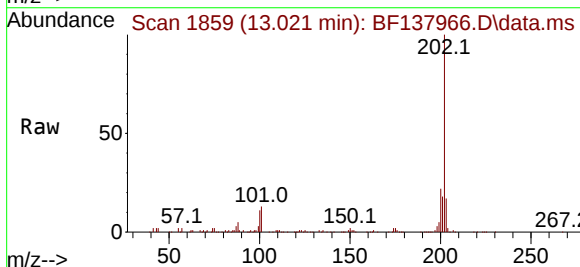
Instrument :
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TP-15

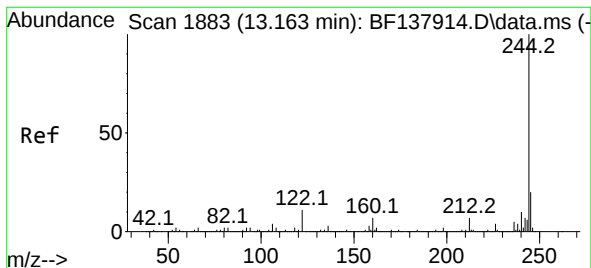
Tgt Ion:240 Resp: 314814
Ion Ratio Lower Upper
240 100
120 11.7 8.9 13.3
236 25.6 21.0 31.4



#78
Pyrene
Concen: 2.014 ng
RT: 13.021 min Scan# 1859
Delta R.T. -0.006 min
Lab File: BF137966.D
Acq: 20 May 2024 18:37

Tgt Ion:202 Resp: 55457
Ion Ratio Lower Upper
202 100
200 22.2 17.0 25.4
203 17.2 14.1 21.1





#79

Terphenyl-d14

Concen: 51.940 ng

RT: 13.163 min Scan# 1883

Delta R.T. 0.000 min

Lab File: BF137966.D

Acq: 20 May 2024 18:37

Instrument :

BNA_F

ClientSampleId :

TP-15

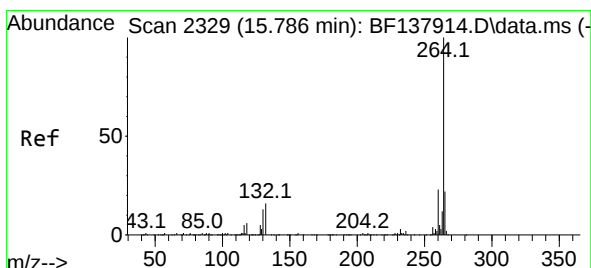
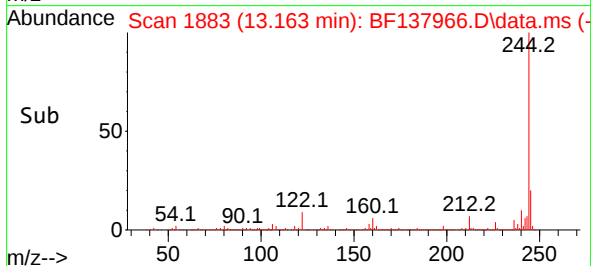
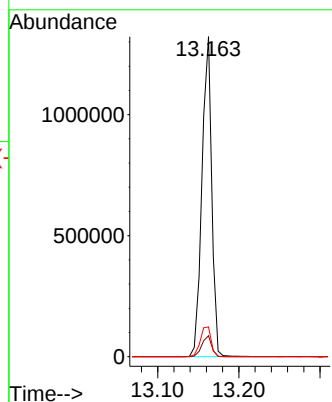
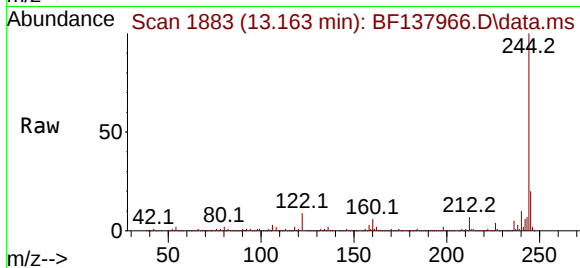
Tgt Ion:244 Resp: 1109485

Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

122 9.3 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.786 min Scan# 2329

Delta R.T. 0.000 min

Lab File: BF137966.D

Acq: 20 May 2024 18:37

Tgt Ion:264 Resp: 341521

Ion Ratio Lower Upper

264 100

260 23.2 18.3 27.5

265 20.9 17.6 26.4

