

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052124\
Data File : BF137977.D
Acq On : 21 May 2024 14:38
Operator : CG\JU
Sample : P2500-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-112-SB02

Quant Time: May 21 15:14:28 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	7.034	152	156540	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	621323	20.000	ng	-0.01
39) Acenaphthene-d10	10.081	164	363741	20.000	ng	0.00
64) Phenanthrene-d10	11.575	188	610830	20.000	ng	0.00
76) Chrysene-d12	14.221	240	331394	20.000	ng	0.00
86) Perylene-d12	15.786	264	319357	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.657	112	935713	101.536	ng	0.00
7) Phenol-d6	6.645	99	1184356	104.329	ng	-0.01
23) Nitrobenzene-d5	7.592	82	715740	67.793	ng	-0.02
42) 2,4,6-Tribromophenol	10.875	330	390039	106.347	ng	0.00
45) 2-Fluorobiphenyl	9.392	172	1534038	64.964	ng	0.00
79) Terphenyl-d14	13.163	244	1622791	72.170	ng	0.00

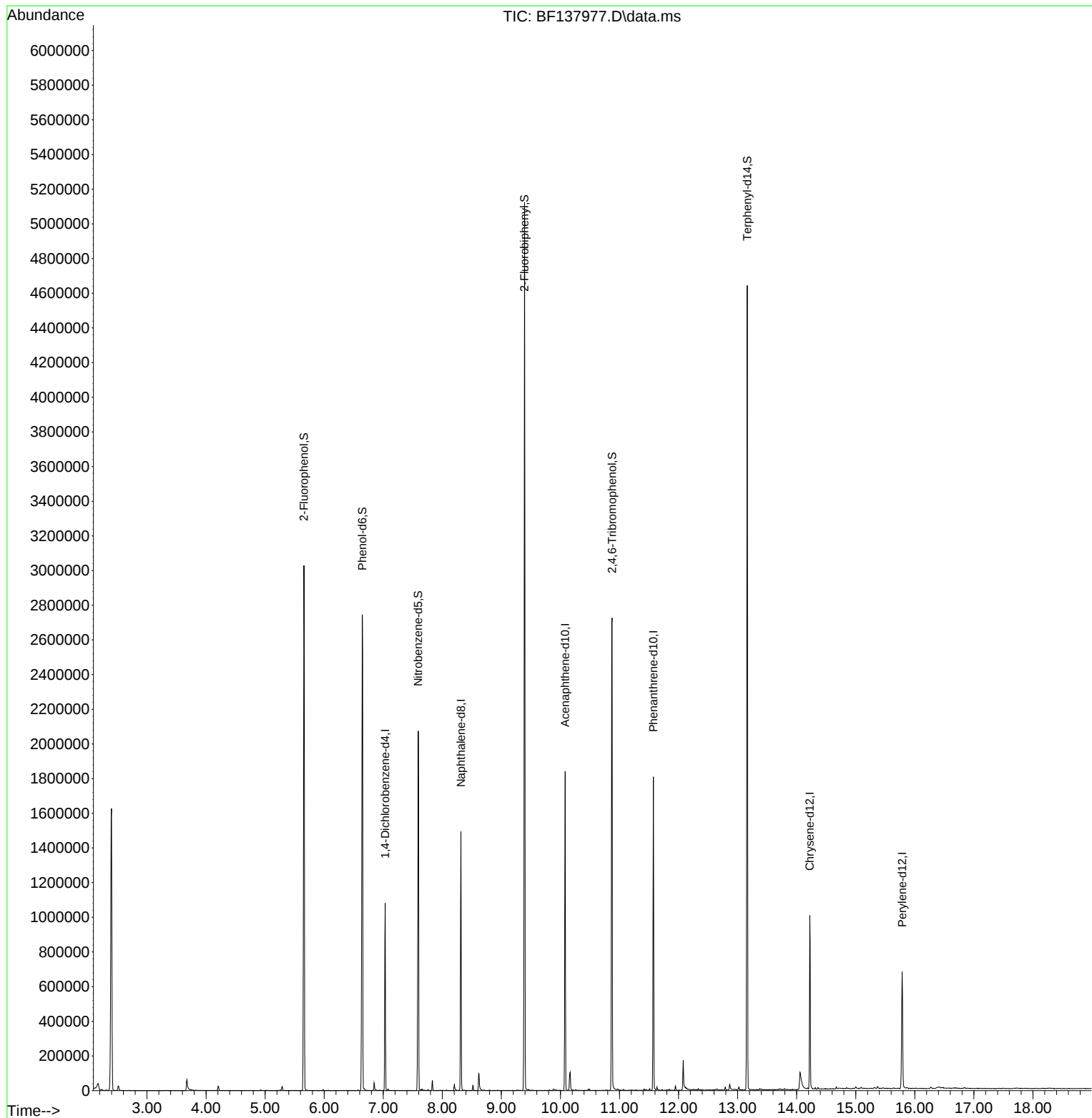
Target Compounds	Qvalue

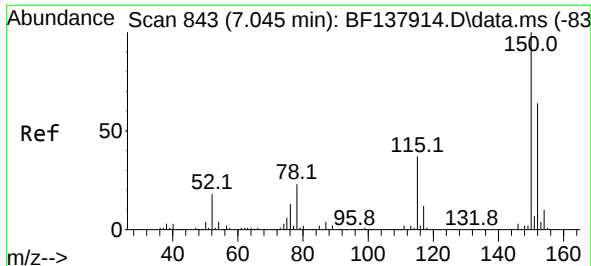
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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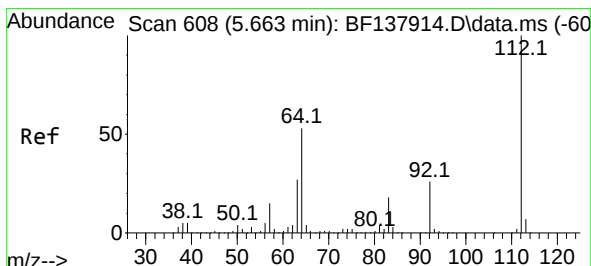
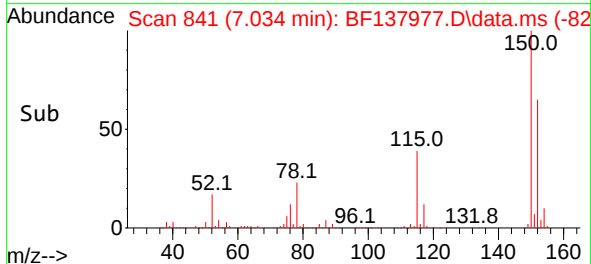
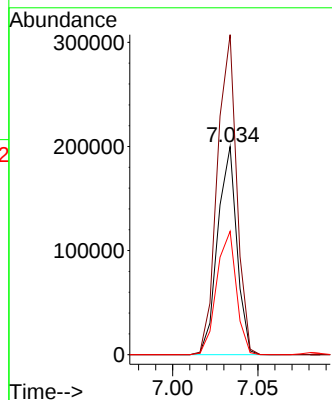
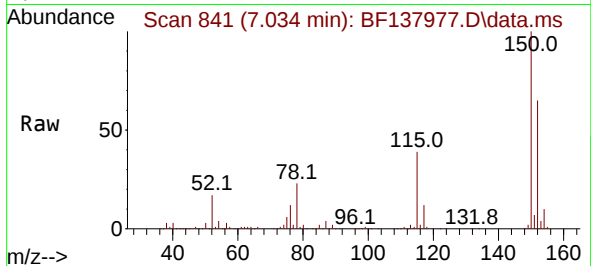




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 84
Delta R.T. -0.011 min
Lab File: BF137977.D
Acq: 21 May 2024 14:38

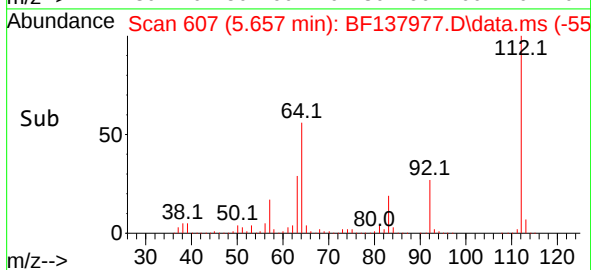
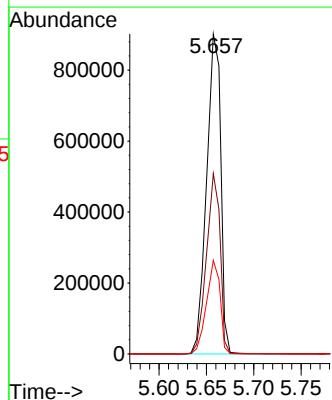
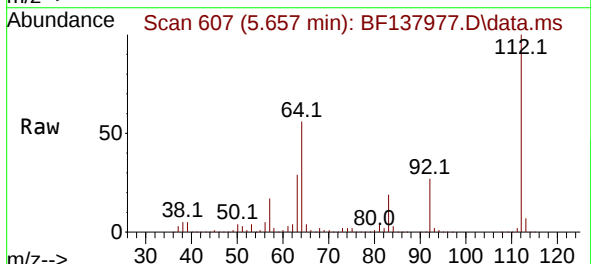
Instrument :
BNA_F
ClientSampleId :
B-112-SB02

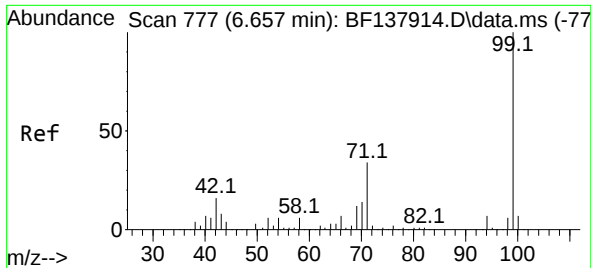
Tgt Ion:152 Resp: 156540
Ion Ratio Lower Upper
152 100
150 153.7 125.7 188.5
115 59.3 47.0 70.6



#5
2-Fluorophenol
Concen: 101.536 ng
RT: 5.657 min Scan# 607
Delta R.T. -0.006 min
Lab File: BF137977.D
Acq: 21 May 2024 14:38

Tgt Ion:112 Resp: 935713
Ion Ratio Lower Upper
112 100
64 56.4 42.4 63.6
63 29.3 21.4 32.2

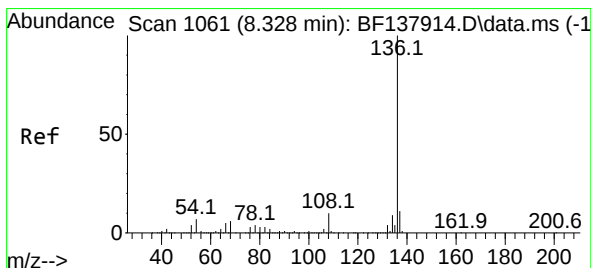
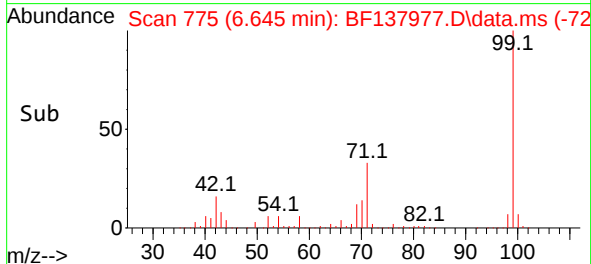
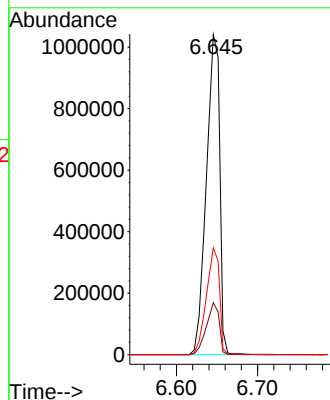
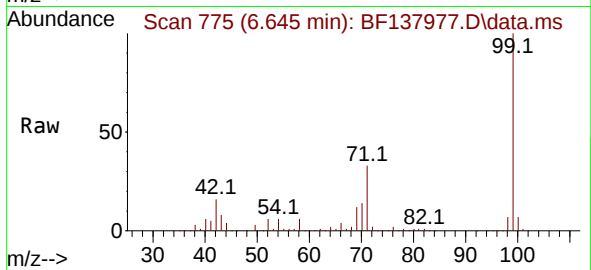




#7
Phenol-d6
Concen: 104.329 ng
RT: 6.645 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137977.D
Acq: 21 May 2024 14:38

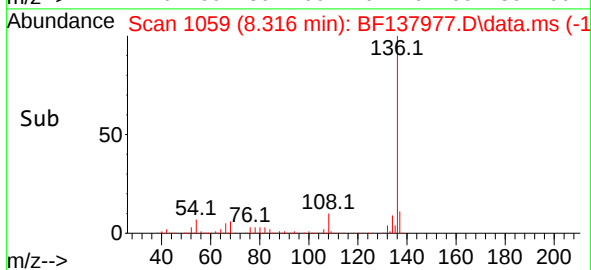
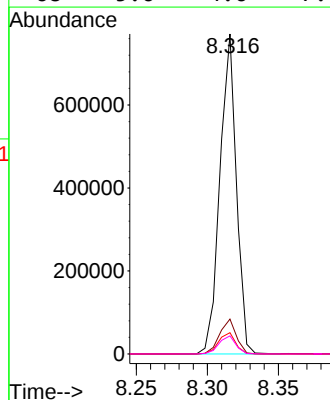
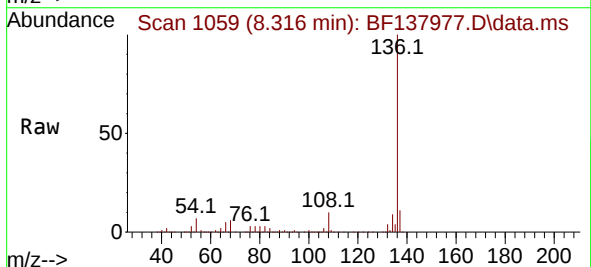
Instrument :
BNA_F
ClientSampleId :
B-112-SB02

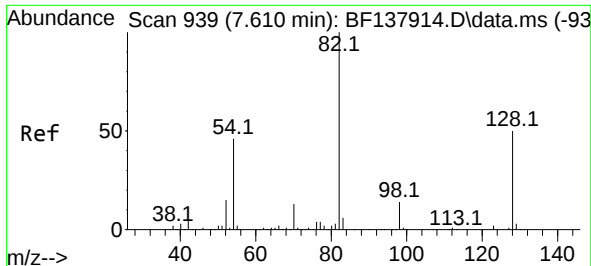
Tgt Ion: 99 Resp: 1184356
Ion Ratio Lower Upper
99 100
42 16.3 12.6 18.8
71 33.4 27.1 40.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BF137977.D
Acq: 21 May 2024 14:38

Tgt Ion: 136 Resp: 621323
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 6.6 5.4 8.2
68 5.6 4.6 7.0

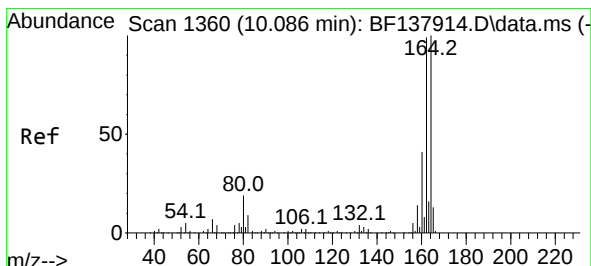
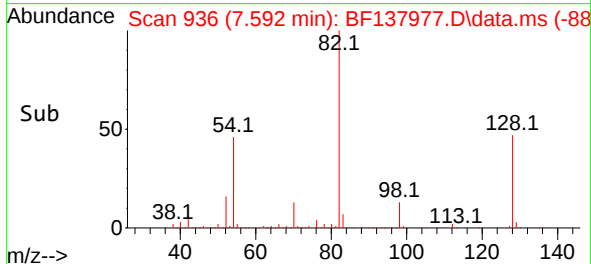
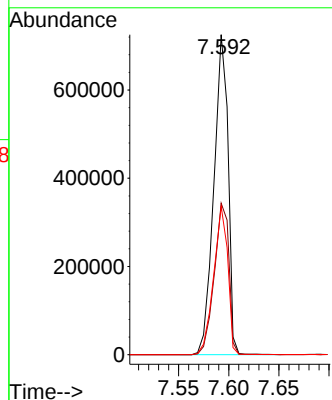
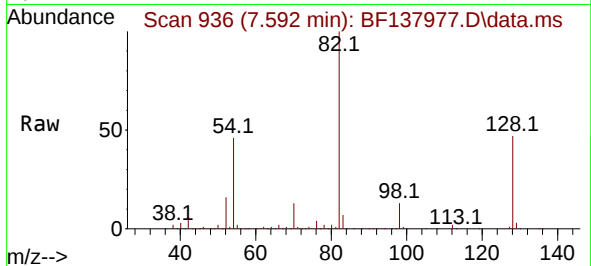




#23
Nitrobenzene-d5
Concen: 67.793 ng
RT: 7.592 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF137977.D
Acq: 21 May 2024 14:38

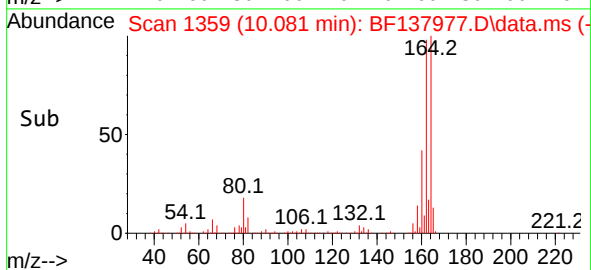
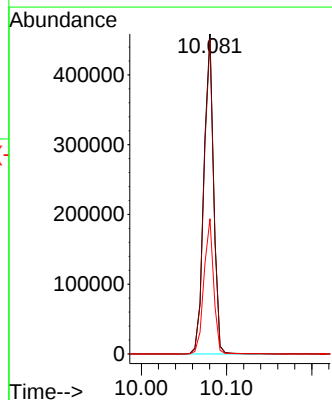
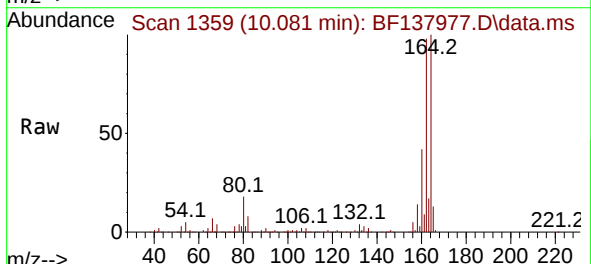
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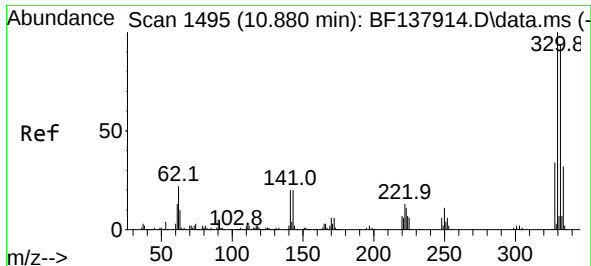
Tgt Ion: 82 Resp: 715740
Ion Ratio Lower Upper
82 100
128 47.4 40.3 60.5
54 46.4 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.081 min Scan# 1359
Delta R.T. -0.005 min
Lab File: BF137977.D
Acq: 21 May 2024 14:38

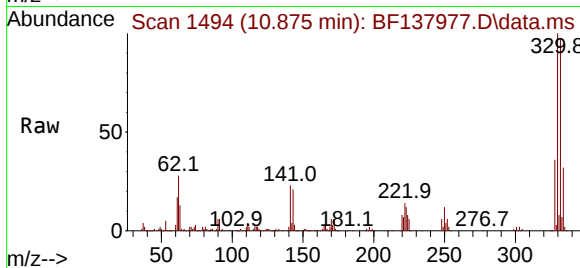
Tgt Ion:164 Resp: 363741
Ion Ratio Lower Upper
164 100
162 98.3 79.4 119.2
160 42.2 33.1 49.7



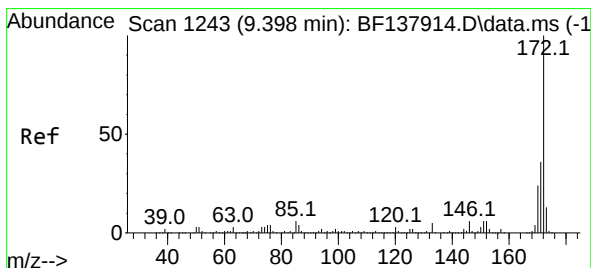
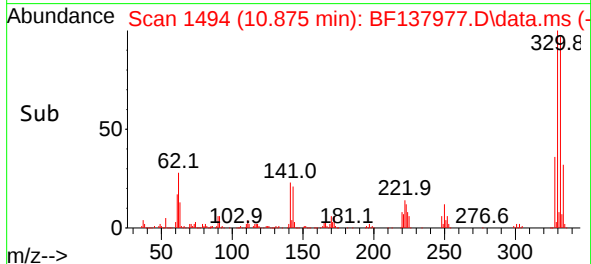
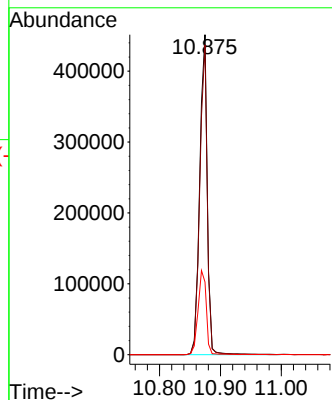


#42
2,4,6-Tribromophenol
Concen: 106.347 ng
RT: 10.875 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF137977.D
Acq: 21 May 2024 14:38

Instrument :
BNA_F
ClientSampleId :
B-112-SB02

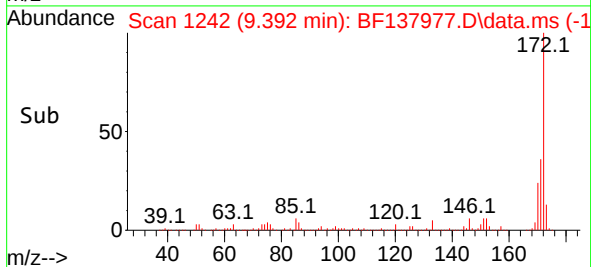
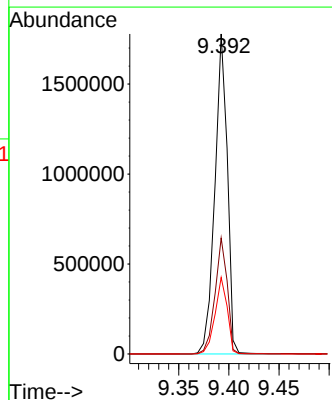
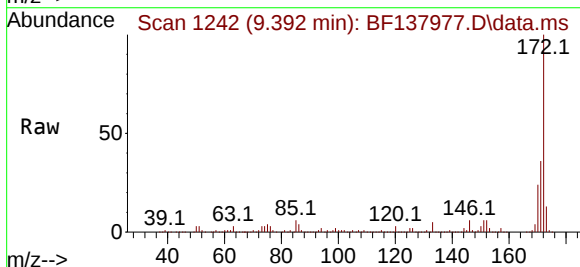


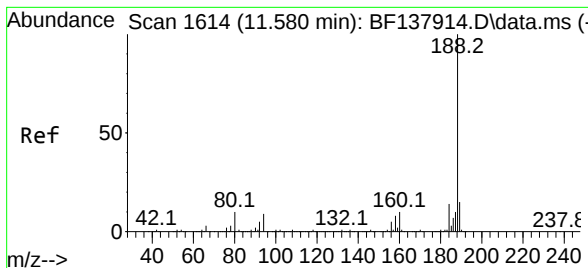
Tgt Ion:330 Resp: 390039
Ion Ratio Lower Upper
330 100
332 95.7 75.8 113.8
141 28.5 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 64.964 ng
RT: 9.392 min Scan# 1242
Delta R.T. -0.006 min
Lab File: BF137977.D
Acq: 21 May 2024 14:38

Tgt Ion:172 Resp: 1534038
Ion Ratio Lower Upper
172 100
171 36.3 28.9 43.3
170 23.9 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: BF137977.D

Acq: 21 May 2024 14:38

Instrument :

BNA_F

ClientSampleId :

B-112-SB02

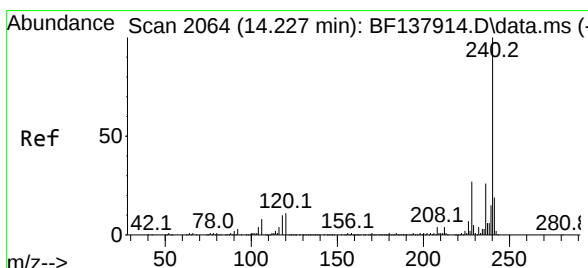
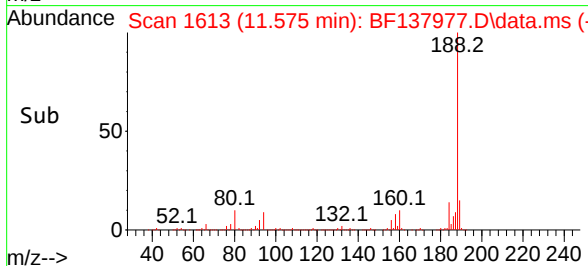
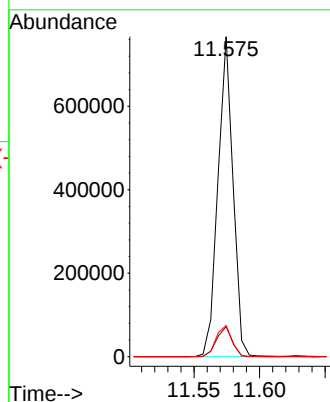
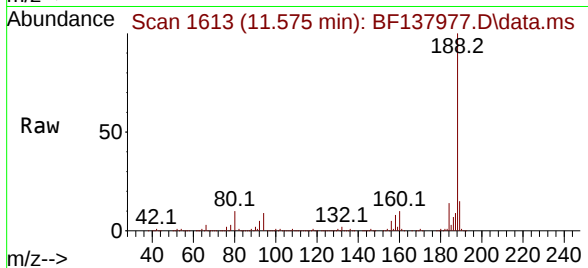
Tgt Ion:188 Resp: 610830

Ion Ratio Lower Upper

188 100

94 9.4 7.0 10.4

80 9.7 7.7 11.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.221 min Scan# 2063

Delta R.T. -0.006 min

Lab File: BF137977.D

Acq: 21 May 2024 14:38

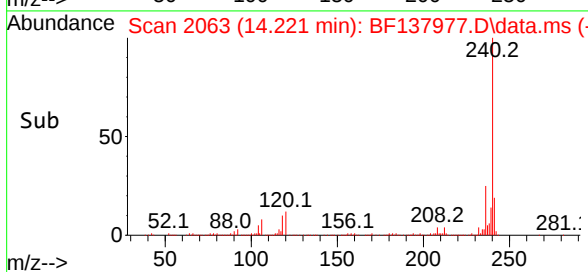
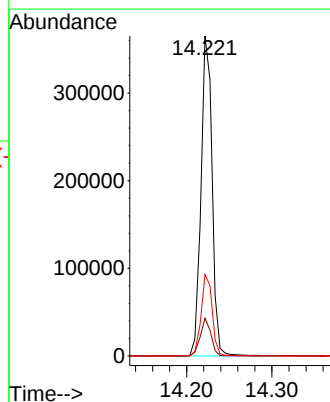
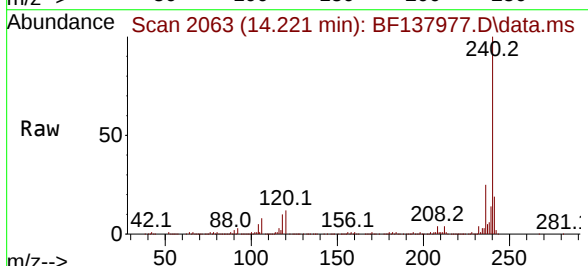
Tgt Ion:240 Resp: 331394

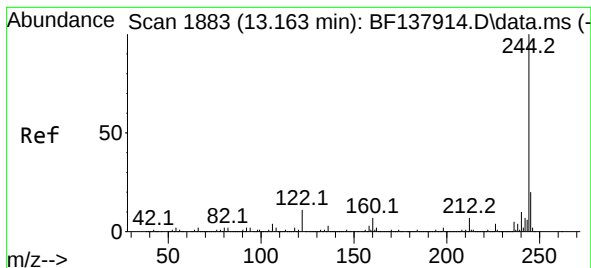
Ion Ratio Lower Upper

240 100

120 11.8 8.9 13.3

236 25.5 21.0 31.4





#79

Terphenyl-d14

Concen: 72.170 ng

RT: 13.163 min Scan# 1883

Delta R.T. 0.000 min

Lab File: BF137977.D

Acq: 21 May 2024 14:38

Instrument :

BNA_F

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B-112-SB02

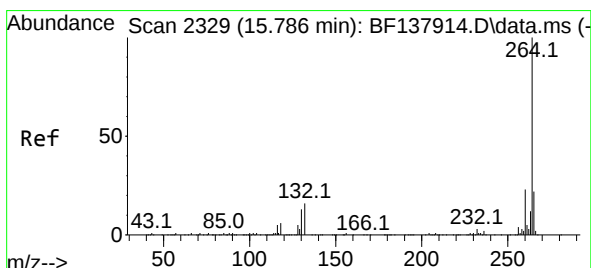
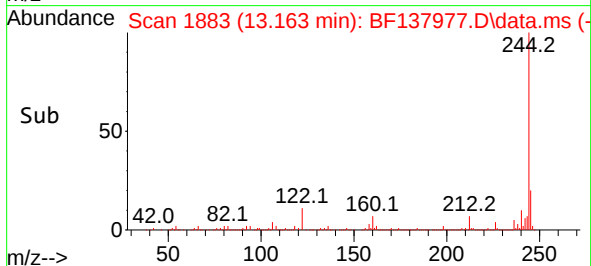
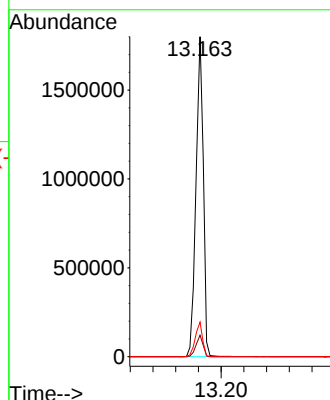
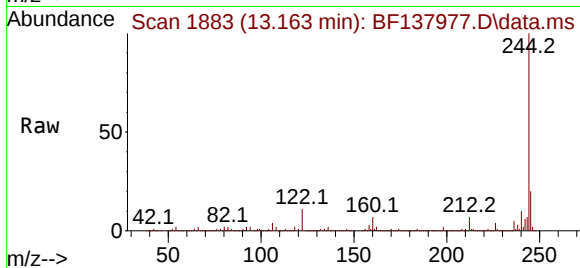
Tgt Ion:244 Resp: 1622791

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

122 10.8 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: BF137977.D

Acq: 21 May 2024 14:38

Tgt Ion:264 Resp: 319357

Ion Ratio Lower Upper

264 100

260 22.8 18.3 27.5

265 21.2 17.6 26.4

