

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052124\
Data File : BF137992.D
Acq On : 21 May 2024 22:15
Operator : CG\JU
Sample : P2539-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WCS-TPQ

Quant Time: May 22 01:33:27 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	151937	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	580319	20.000	ng	-0.01
39) Acenaphthene-d10	10.081	164	314274	20.000	ng	0.00
64) Phenanthrene-d10	11.575	188	438027	20.000	ng	0.00
76) Chrysene-d12	14.221	240	320934	20.000	ng	0.00
86) Perylene-d12	15.786	264	225265	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.657	112	668507	74.739	ng	0.00
7) Phenol-d6	6.645	99	833618	75.657	ng	-0.01
23) Nitrobenzene-d5	7.592	82	499328	50.637	ng	-0.02
42) 2,4,6-Tribromophenol	10.869	330	199721	63.027	ng	-0.01
45) 2-Fluorobiphenyl	9.392	172	987190	48.386	ng	0.00
79) Terphenyl-d14	13.157	244	812012	37.289	ng	0.00

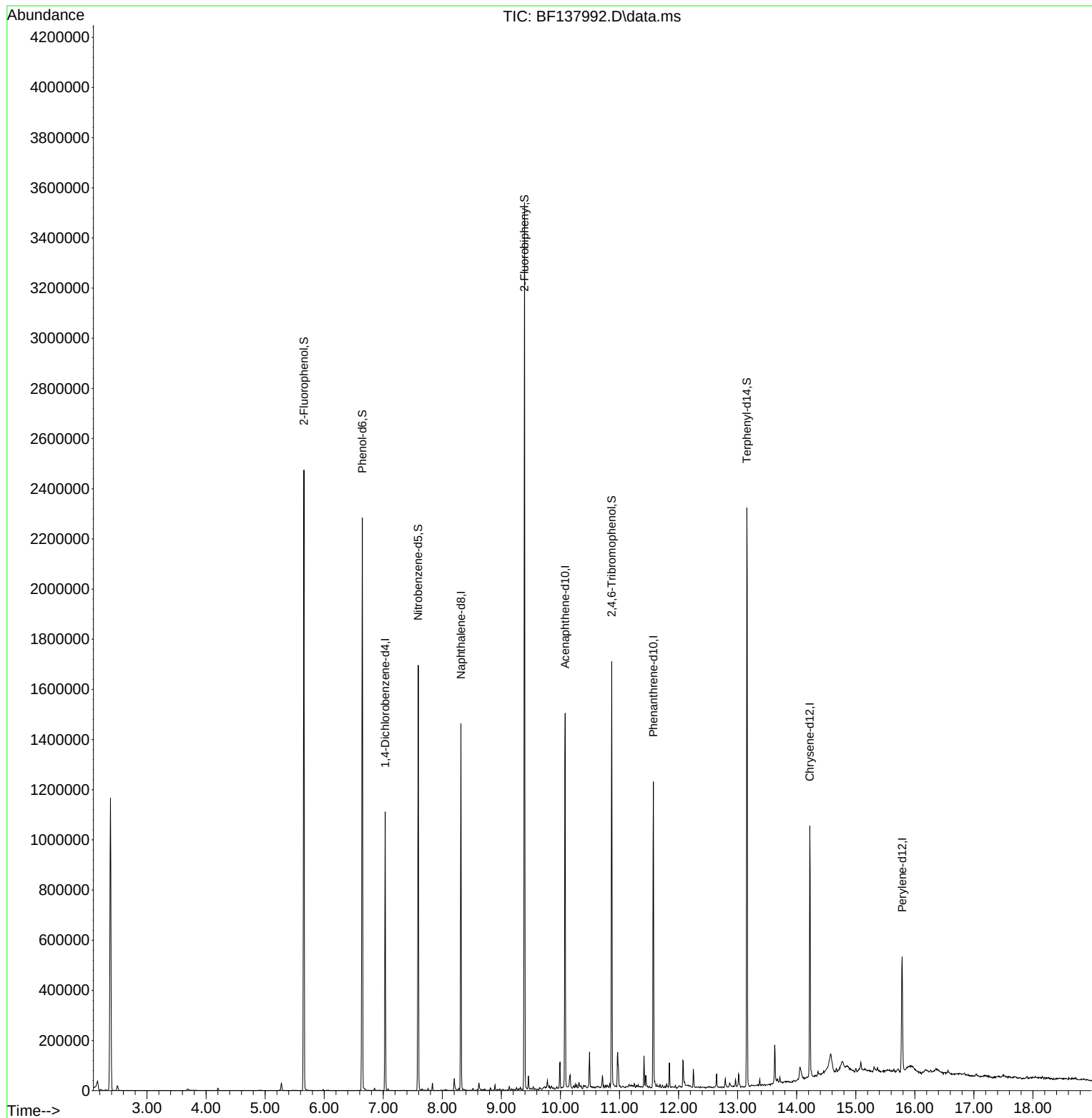
Target Compounds	Qvalue

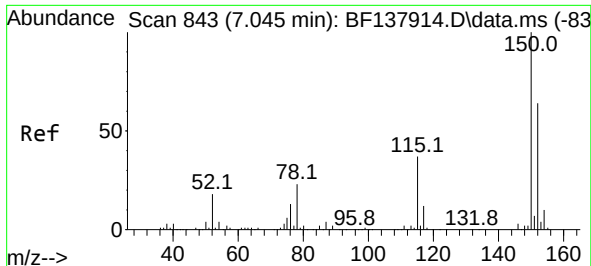
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052124\
Data File : BF137992.D
Acq On : 21 May 2024 22:15
Operator : CG\JU
Sample : P2539-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WCS-TPQ

Quant Time: May 22 01:33:27 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

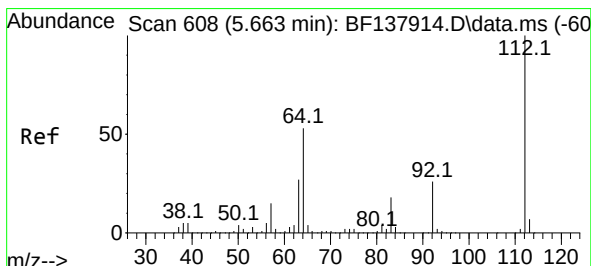
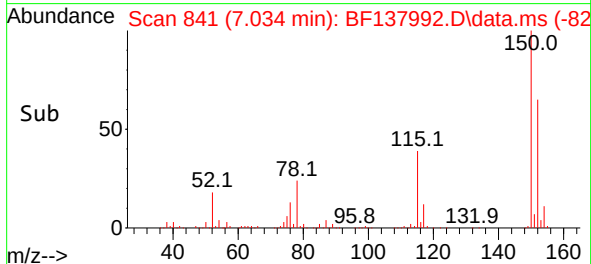
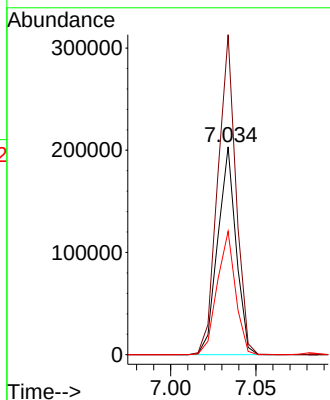
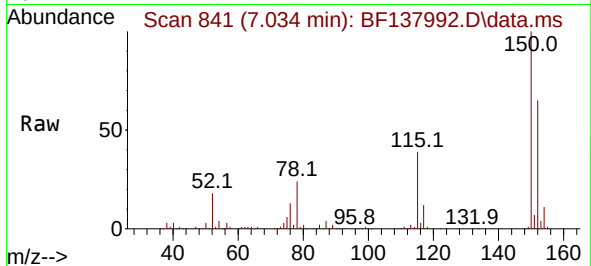




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 84
Delta R.T. -0.011 min
Lab File: BF137992.D
Acq: 21 May 2024 22:15

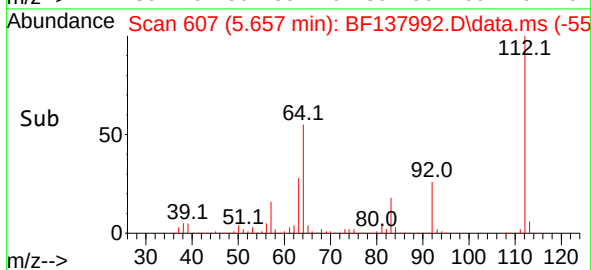
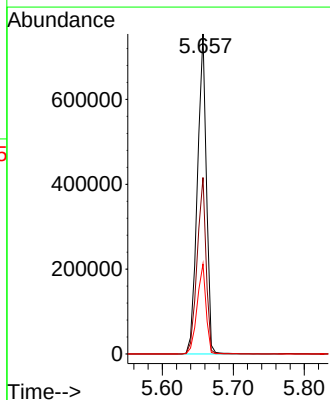
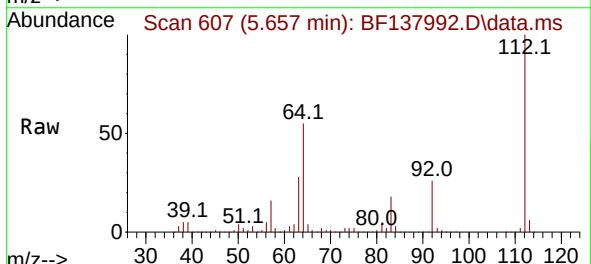
Instrument :
BNA_F
ClientSampleId :
WCS-TPQ

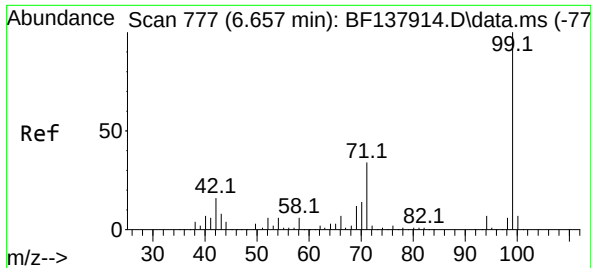
Tgt Ion:152 Resp: 151937
Ion Ratio Lower Upper
152 100
150 154.0 125.7 188.5
115 59.3 47.0 70.6



#5
2-Fluorophenol
Concen: 74.739 ng
RT: 5.657 min Scan# 607
Delta R.T. -0.006 min
Lab File: BF137992.D
Acq: 21 May 2024 22:15

Tgt Ion:112 Resp: 668507
Ion Ratio Lower Upper
112 100
64 55.1 42.4 63.6
63 28.1 21.4 32.2





#7

Phenol-d6

Concen: 75.657 ng

RT: 6.645 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF137992.D

Acq: 21 May 2024 22:15

Instrument :

BNA_F

ClientSampleId :

WCS-TPQ

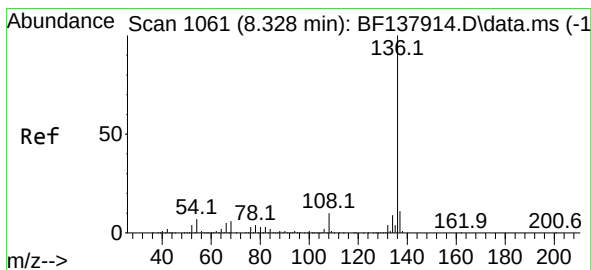
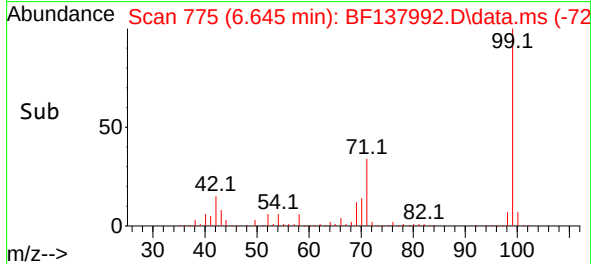
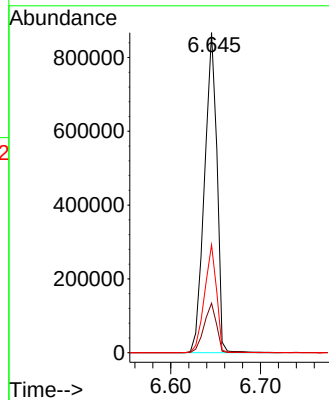
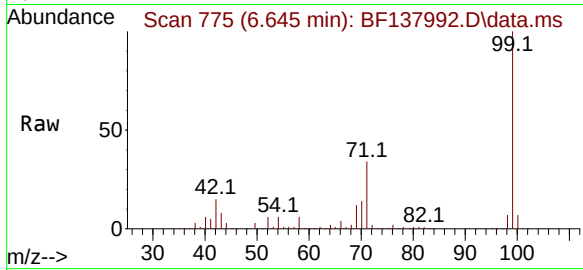
Tgt Ion: 99 Resp: 833618

Ion Ratio Lower Upper

99 100

42 15.5 12.6 18.8

71 33.7 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: BF137992.D

Acq: 21 May 2024 22:15

Tgt Ion: 136 Resp: 580319

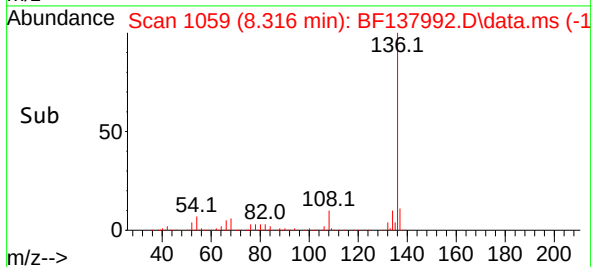
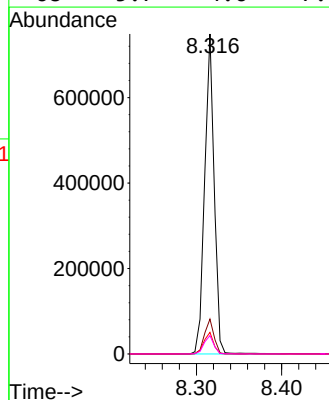
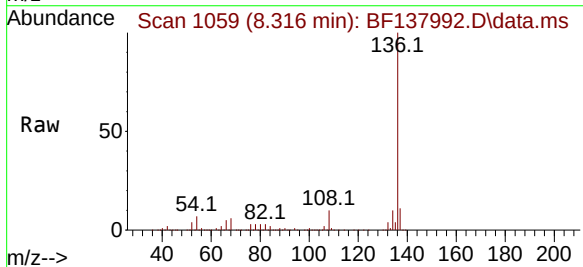
Ion Ratio Lower Upper

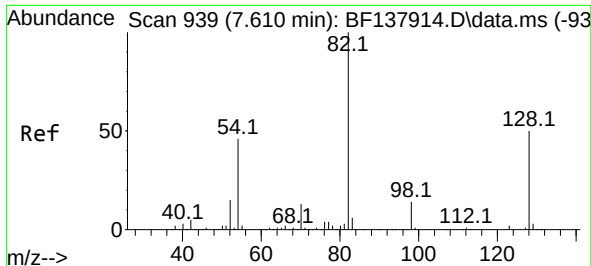
136 100

137 10.9 8.7 13.1

54 6.7 5.4 8.2

68 5.7 4.6 7.0





#23

Nitrobenzene-d5

Concen: 50.637 ng

RT: 7.592 min Scan# 91

Delta R.T. -0.018 min

Lab File: BF137992.D

Acq: 21 May 2024 22:15

Instrument :

BNA_F

ClientSampleId :

WCS-TPQ

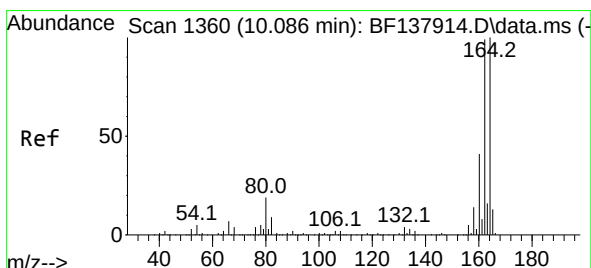
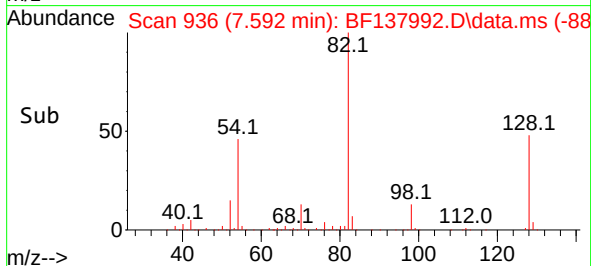
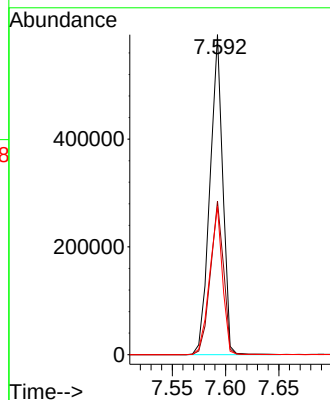
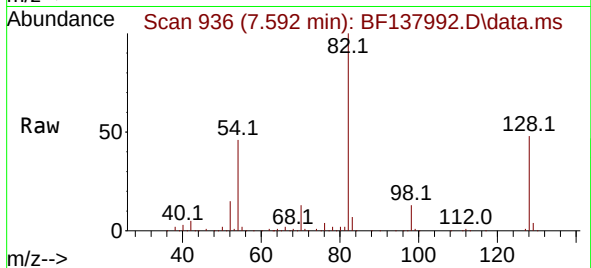
Tgt Ion: 82 Resp: 499328

Ion Ratio Lower Upper

82 100

128 48.0 40.3 60.5

54 46.3 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: BF137992.D

Acq: 21 May 2024 22:15

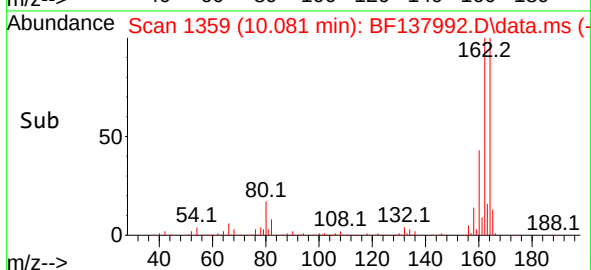
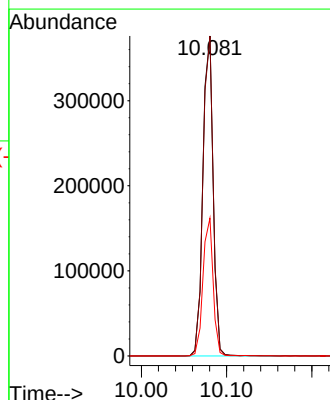
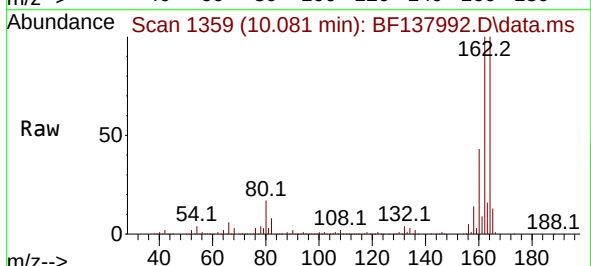
Tgt Ion:164 Resp: 314274

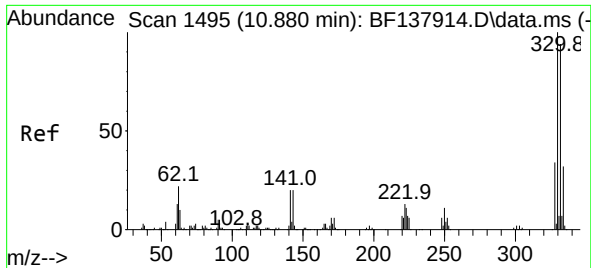
Ion Ratio Lower Upper

164 100

162 99.9 79.4 119.2

160 43.0 33.1 49.7

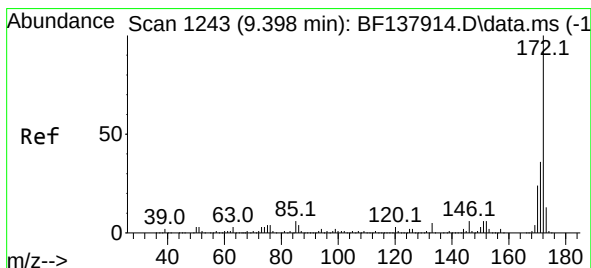
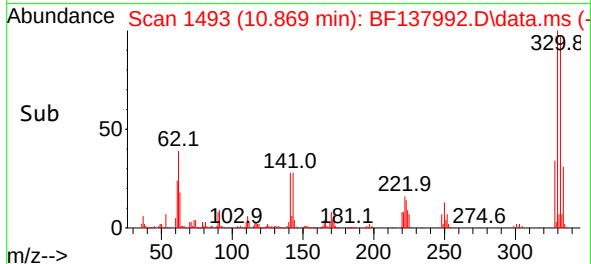
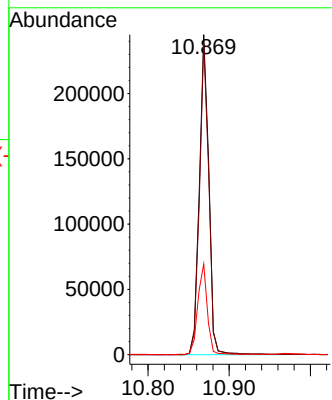
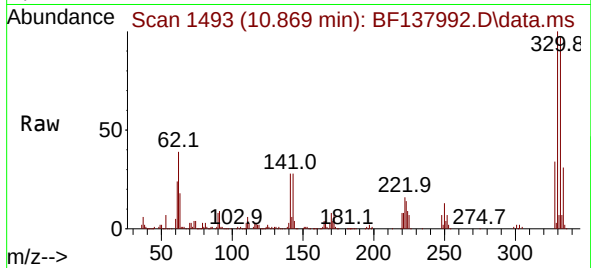




#42
2,4,6-Tribromophenol
Concen: 63.027 ng
RT: 10.869 min Scan# 1493
Delta R.T. -0.012 min
Lab File: BF137992.D
Acq: 21 May 2024 22:15

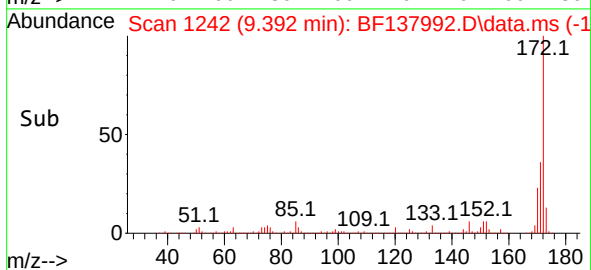
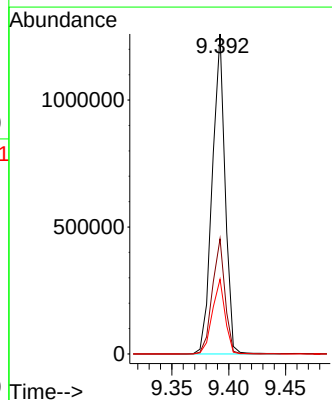
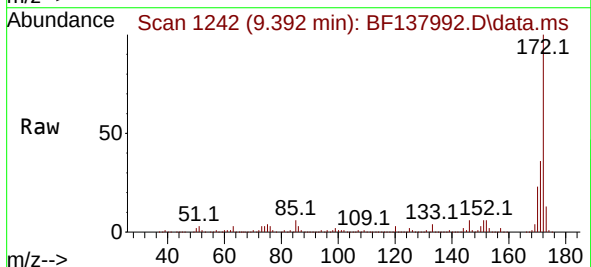
Instrument :
BNA_F
ClientSampleId :
WCS-TPQ

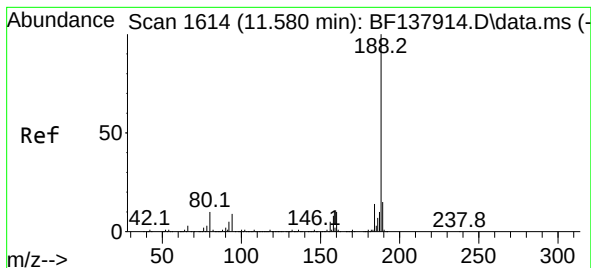
Tgt Ion:330 Resp: 199721
Ion Ratio Lower Upper
330 100
332 95.5 75.8 113.8
141 28.6 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 48.386 ng
RT: 9.392 min Scan# 1242
Delta R.T. -0.006 min
Lab File: BF137992.D
Acq: 21 May 2024 22:15

Tgt Ion:172 Resp: 987190
Ion Ratio Lower Upper
172 100
171 36.0 28.9 43.3
170 23.4 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: BF137992.D

Acq: 21 May 2024 22:15

Instrument :

BNA_F

ClientSampleId :

WCS-TPQ

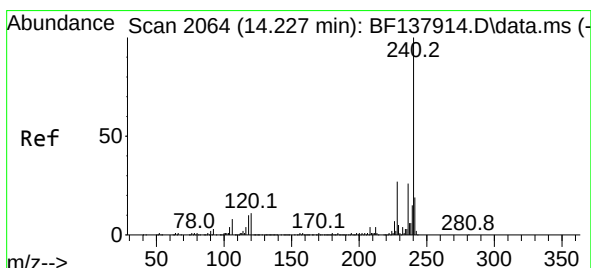
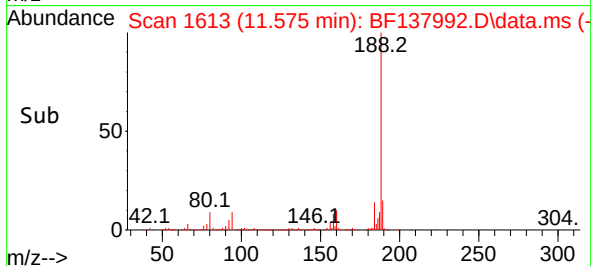
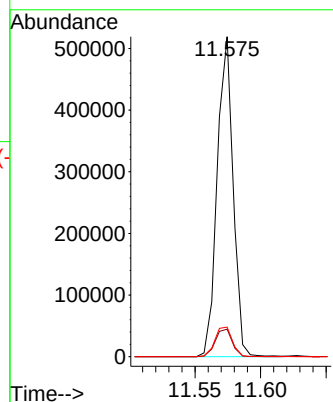
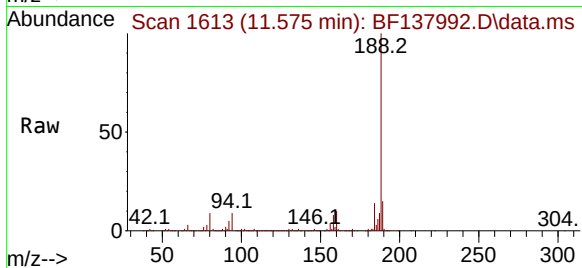
Tgt Ion:188 Resp: 438027

Ion Ratio Lower Upper

188 100

94 8.6 7.0 10.4

80 9.3 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: BF137992.D

Acq: 21 May 2024 22:15

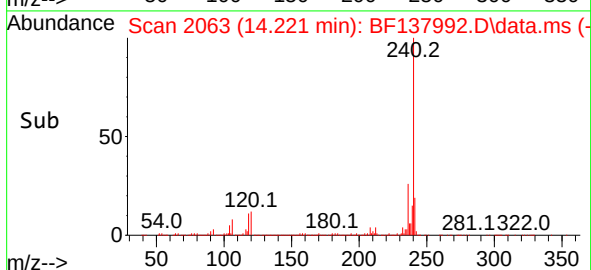
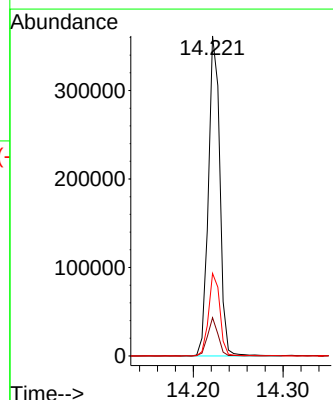
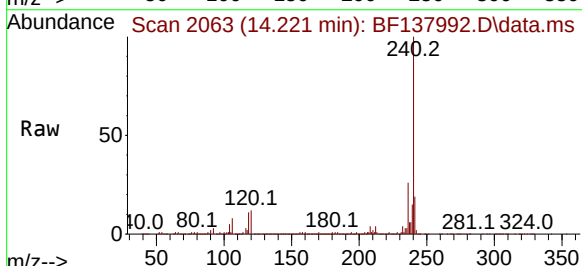
Tgt Ion:240 Resp: 320934

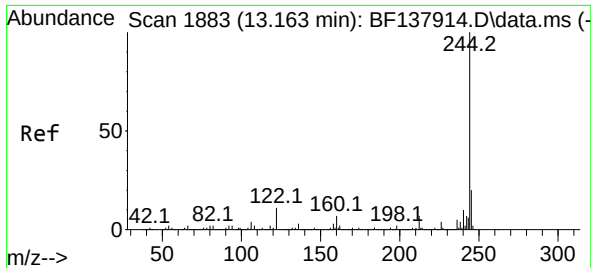
Ion Ratio Lower Upper

240 100

120 12.0 8.9 13.3

236 25.8 21.0 31.4

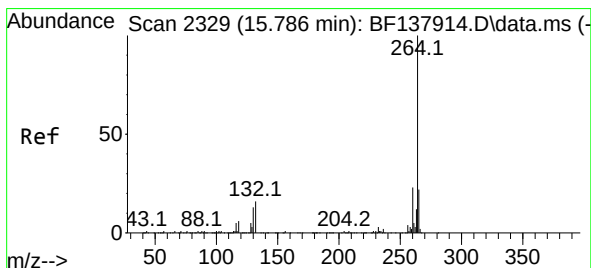
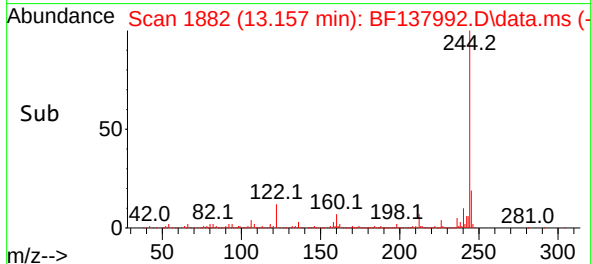
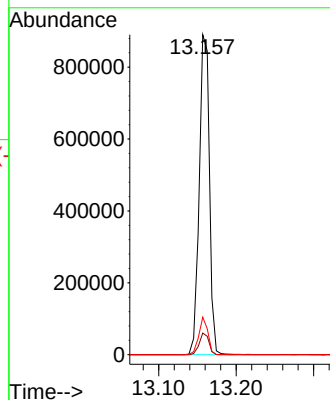
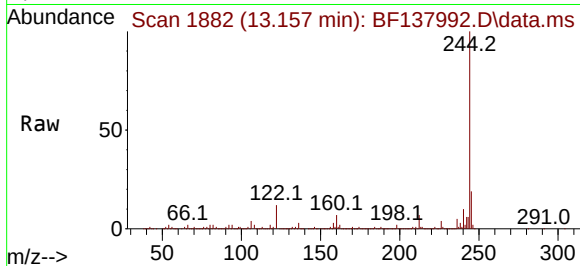




#79
 Terphenyl-d14
 Concen: 37.289 ng
 RT: 13.157 min Scan# 1882
 Delta R.T. -0.006 min
 Lab File: BF137992.D
 Acq: 21 May 2024 22:15

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPQ

Tgt Ion:244 Resp: 812012
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 11.7 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: BF137992.D
 Acq: 21 May 2024 22:15

Tgt Ion:264 Resp: 225265
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.3 27.5
 265 22.3 17.6 26.4

