

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
 Data File : BF114598.D
 Acq On : 25 May 2019 5:18
 Operator : JU/SJ
 Sample : K2994-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-8-S

Quant Time: May 27 03:44:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 24 07:23:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	152579	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	575363	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	273447	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	569754	20.00	ng	0.00
76) Chrysene-d12	13.98	240	397247	20.00	ng	0.00
87) Perylene-d12	15.44	264	390901	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1051763	110.93	ng	0.01
7) Phenol-d6	6.46	99	1260393	112.40	ng	0.00
23) Nitrobenzene-d5	7.37	82	903134	88.09	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	366039	129.48	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1602820	88.67	ng	0.00
79) Terphenyl-d14	12.92	244	1789453	92.86	ng	0.00

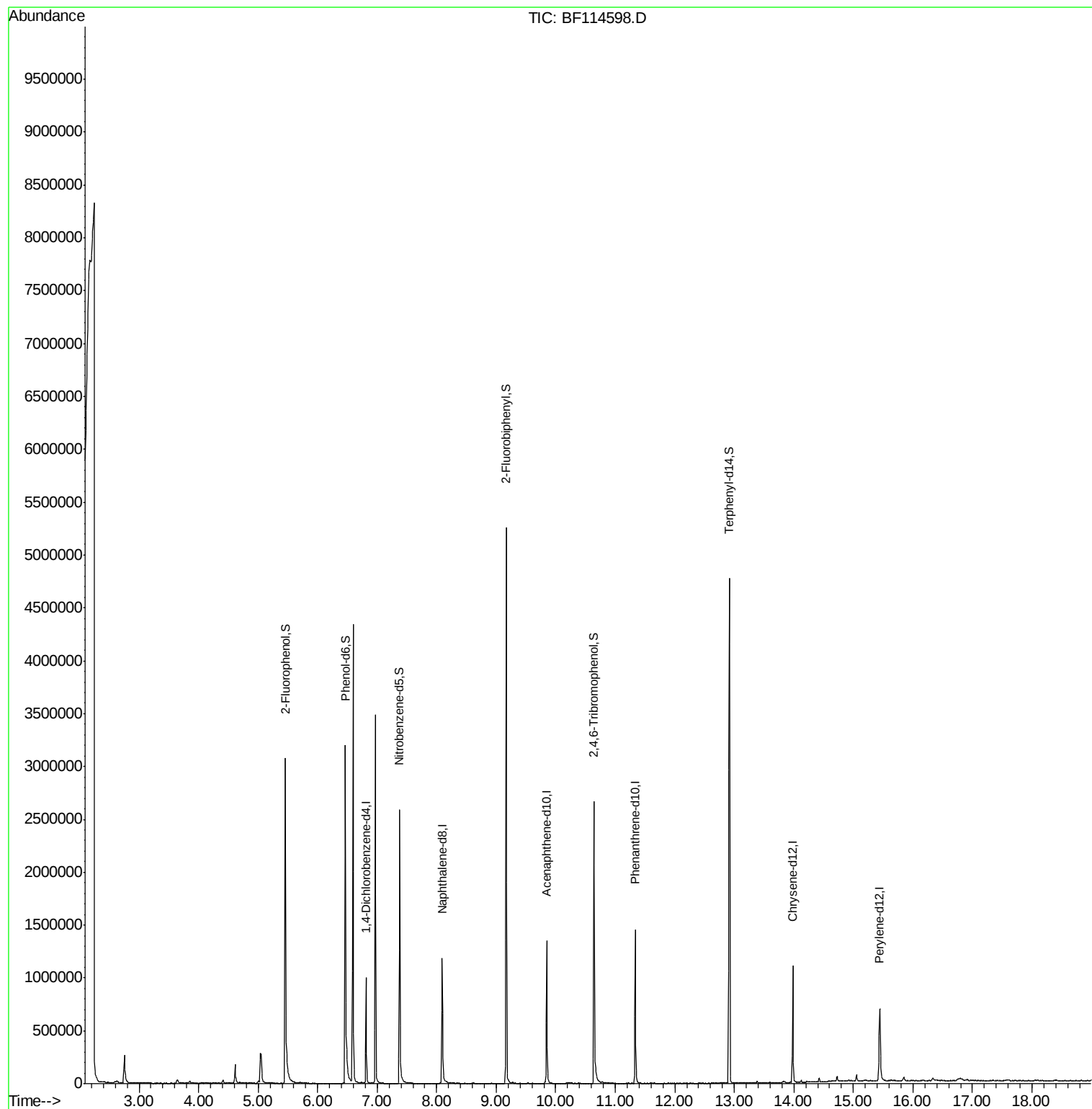
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.01 min

Lab File: BF114598.D

Acq: 25 May 2019 5:18

Instrument :

BNA_F

ClientSampleId :

TP-8-S

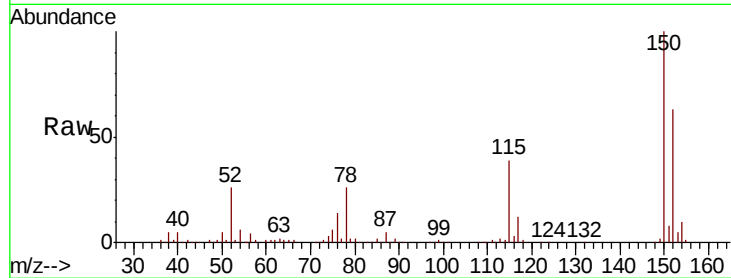
Tot Ion:152 Resp: 152579

Ion Ratio Lower Upper

152 100

150 157.9 124.3 186.5

115 61.0 49.1 73.7

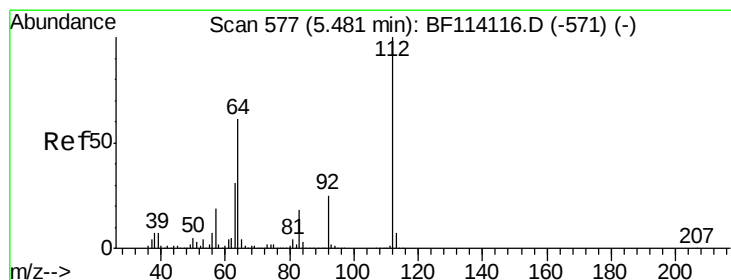
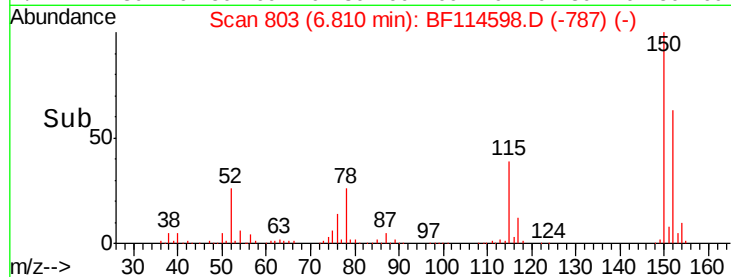
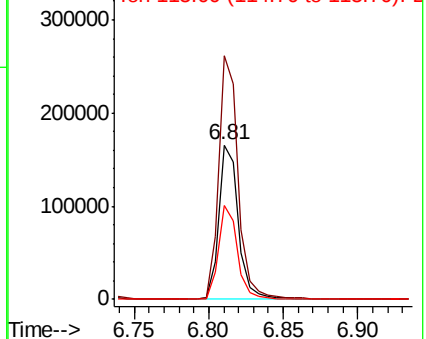


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 110.930 ng

RT: 5.46 min Scan# 573

Delta R.T. 0.01 min

Lab File: BF114598.D

Acq: 25 May 2019 5:18

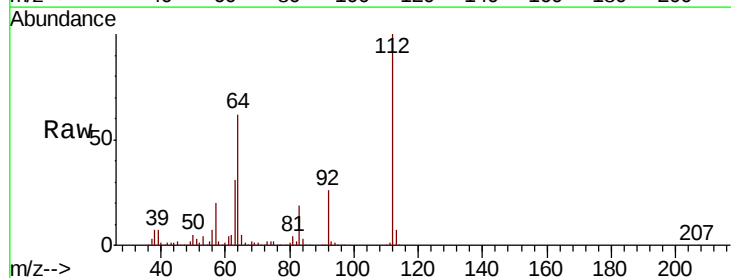
Tgt Ion:112 Resp: 1051763

Ion Ratio Lower Upper

112 100

64 61.6 49.0 73.6

63 31.4 24.6 37.0

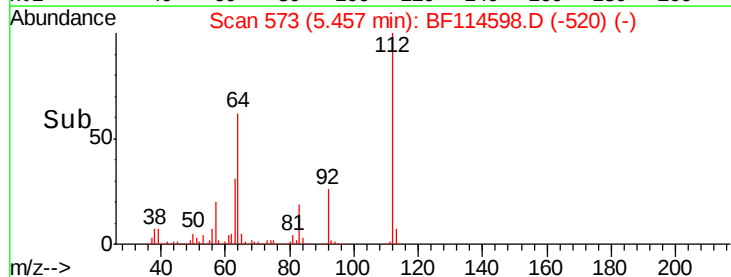
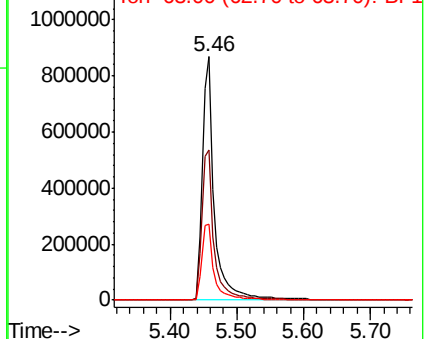


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 112.396 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF114598.D

Acq: 25 May 2019 5:18

Instrument :

BNA_F

ClientSampled :

TP-8-S

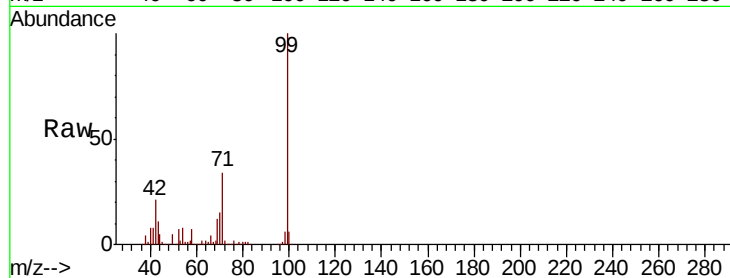
Tot Ion: 99 Resp: 1260393

Ion Ratio Lower Upper

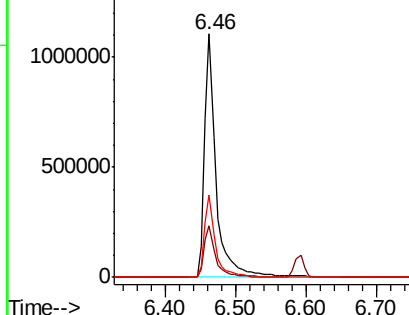
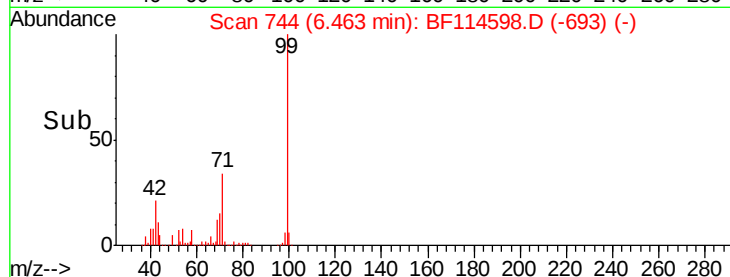
99 100

42 21.4 17.9 26.9

71 33.6 26.2 39.2



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF114598.D

Acq: 25 May 2019 5:18

Tgt Ion: 136 Resp: 575363

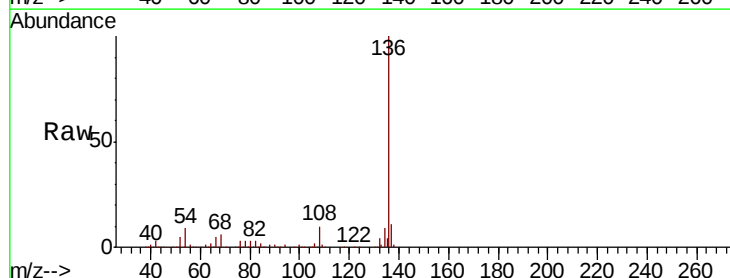
Ion Ratio Lower Upper

136 100

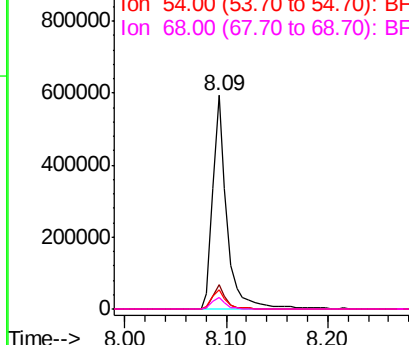
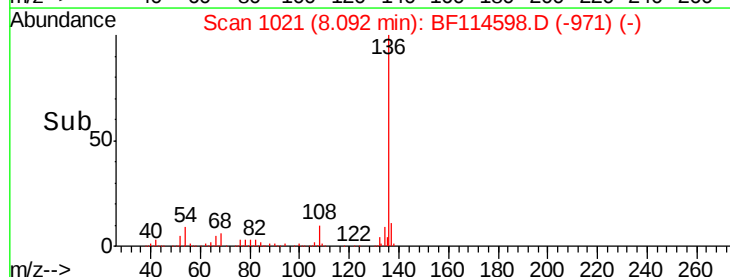
137 11.4 8.8 13.2

54 9.0 7.8 11.8

68 5.6 5.1 7.7



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

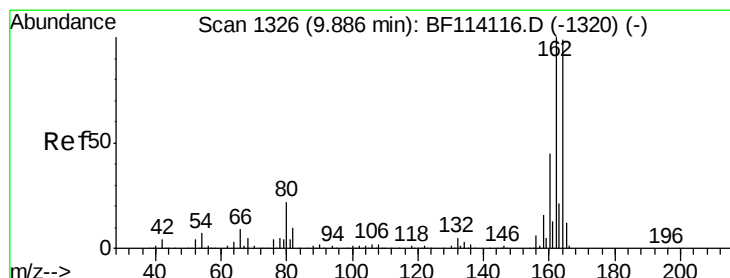
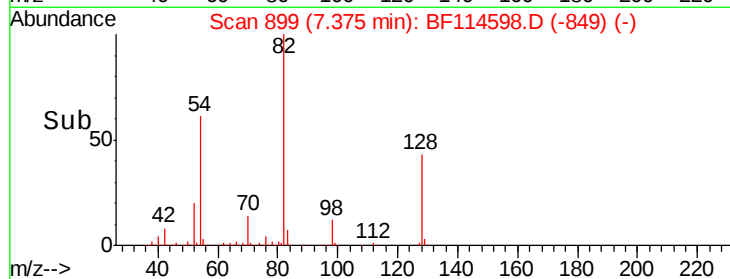
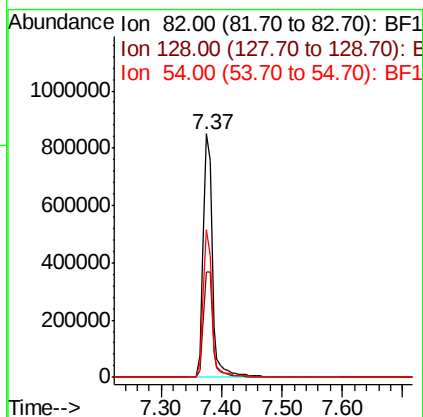
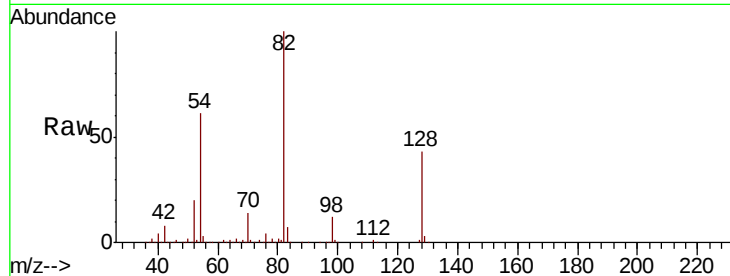




#23
 Nitrobenzene-d5
 Concen: 88.090 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF114598.D
 Acq: 25 May 2019 5:18

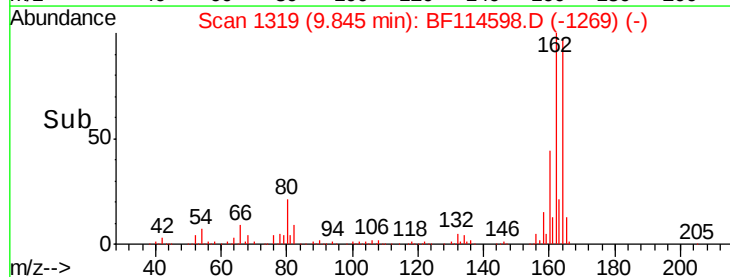
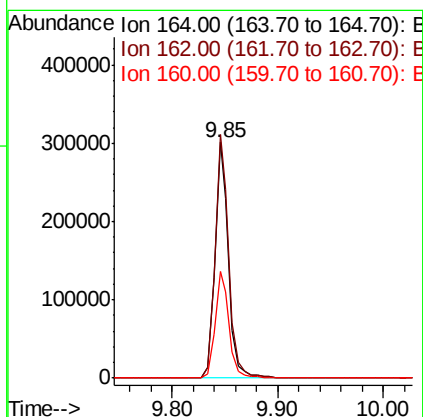
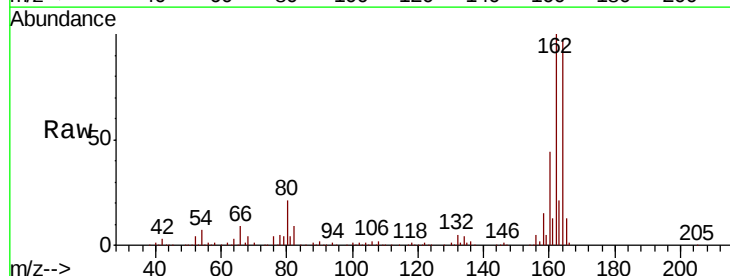
Instrument :
 BNA_F
 ClientSampleId :
 TP-8-S

Tot Ion	82	Resp	903134
Ion Ratio	Lower	Upper	
82	100		
128	43.4	35.5	53.3
54	60.6	48.5	72.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF114598.D
 Acq: 25 May 2019 5:18

Tgt Ion	164	Resp	273447
Ion Ratio	Lower	Upper	
164	100		
162	103.3	80.6	120.8
160	45.3	36.5	54.7





#42

2,4,6-Tribromophenol

Concen: 129.480 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF114598.D

Acq: 25 May 2019 5:18

Instrument :

BNA_F

ClientSampled :

TP-8-S

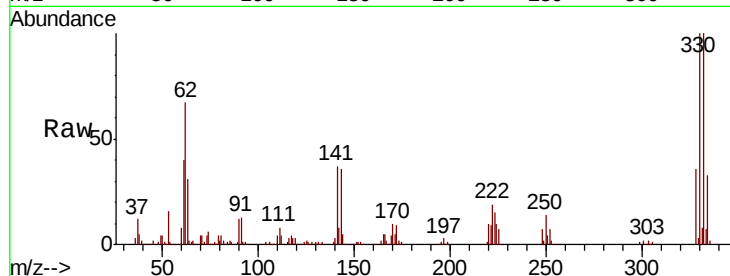
Tot Ion:330 Resp: 366039

Ion Ratio Lower Upper

330 100

332 102.1 81.4 122.2

141 33.8 26.6 40.0

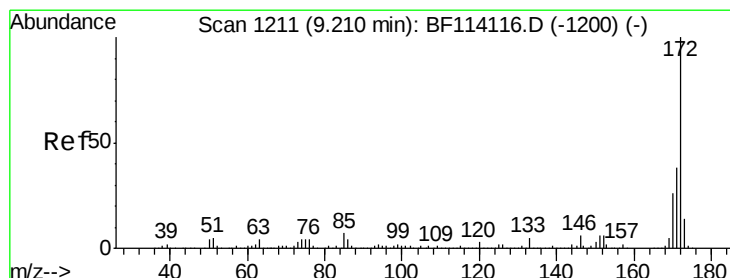
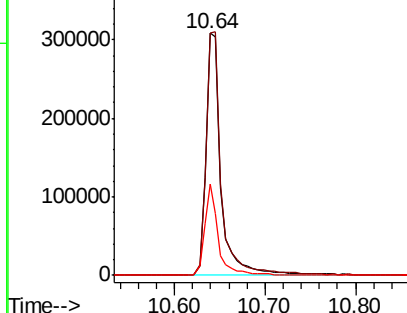
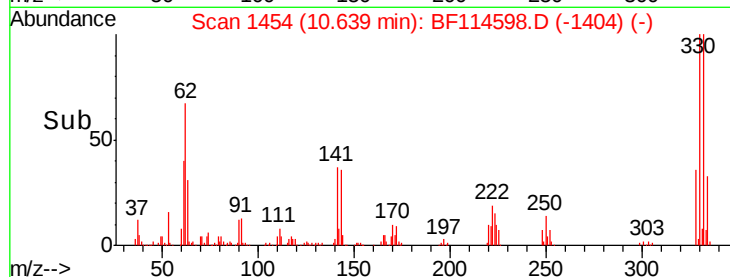


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 88.665 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF114598.D

Acq: 25 May 2019 5:18

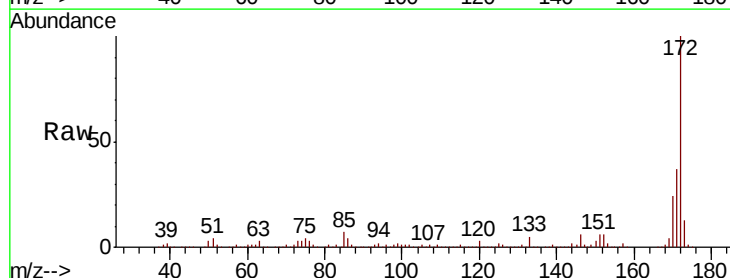
Tgt Ion:172 Resp: 1602820

Ion Ratio Lower Upper

172 100

171 36.6 30.7 46.1

170 24.3 20.5 30.7

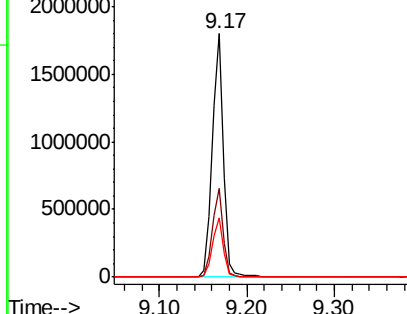
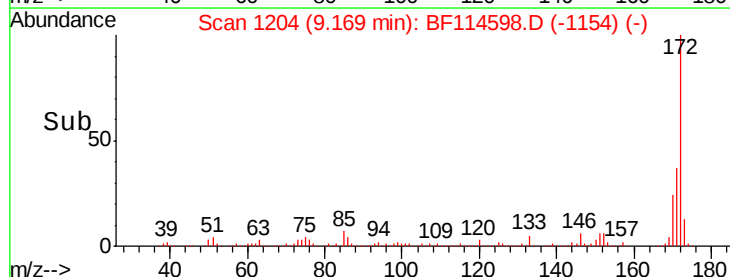


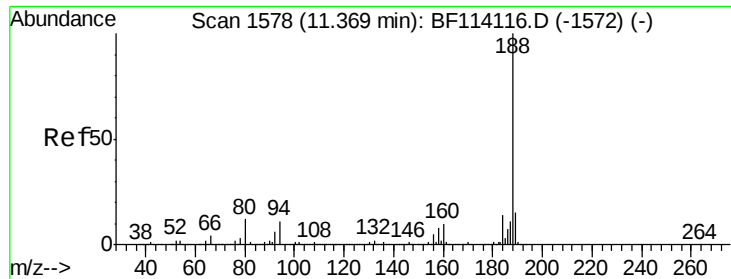
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

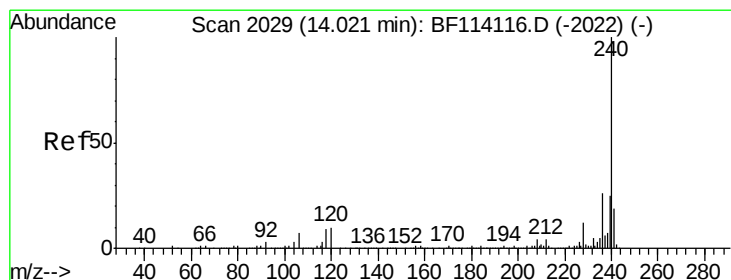
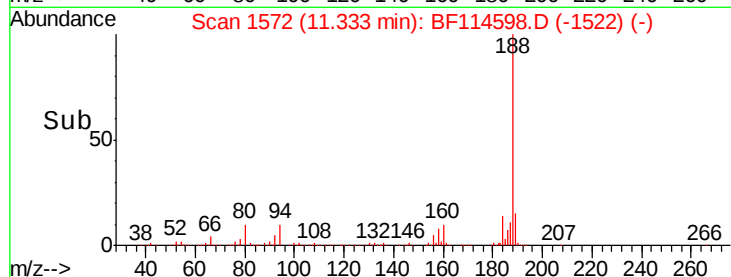
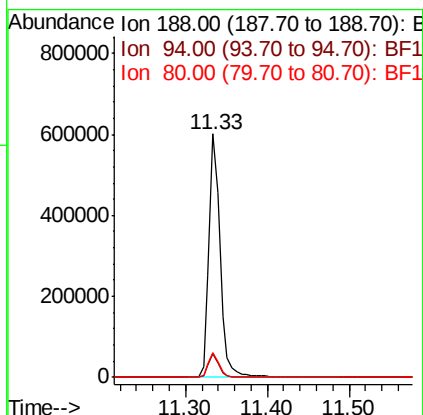
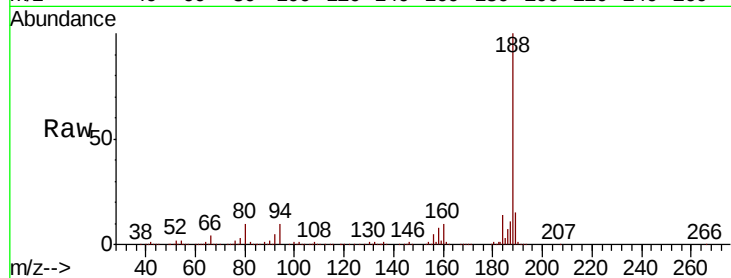




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF114598.D
Acq: 25 May 2019 5:18

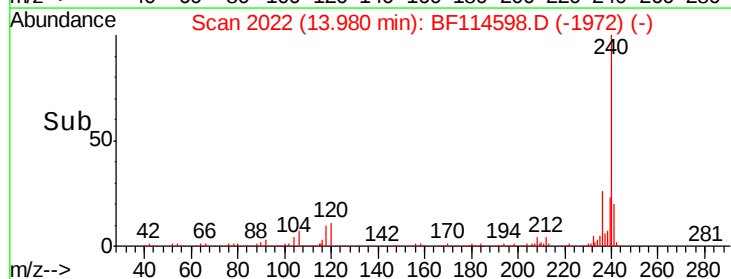
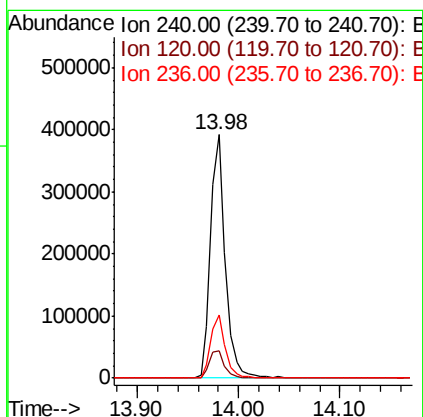
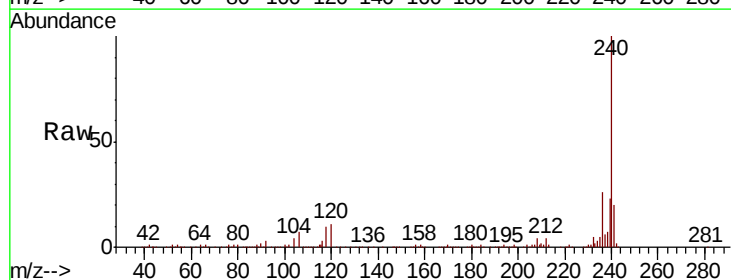
Instrument :
BNA_F
ClientSampleId :
TP-8-S

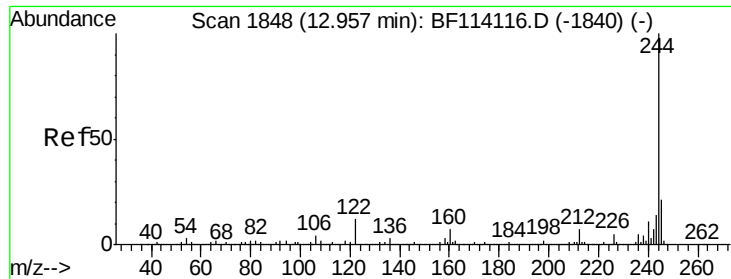
Tot Ion:188 Resp: 569754
Ion Ratio Lower Upper
188 100
94 9.8 8.4 12.6
80 10.2 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF114598.D
Acq: 25 May 2019 5:18

Tgt Ion:240 Resp: 397247
Ion Ratio Lower Upper
240 100
120 11.3 8.3 12.5
236 26.2 20.8 31.2

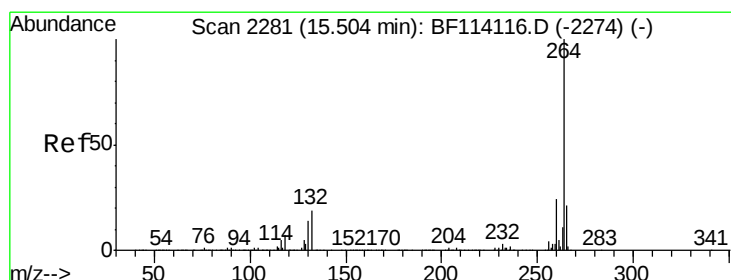
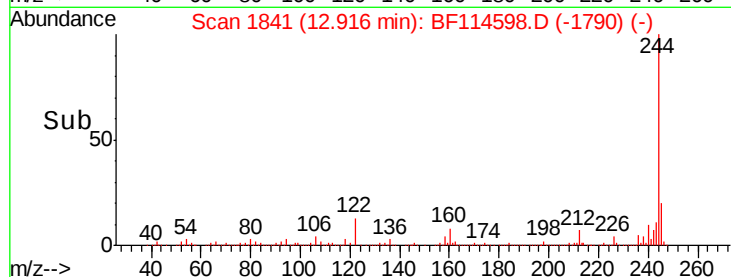
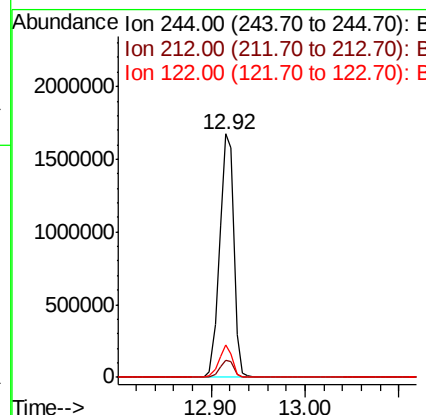
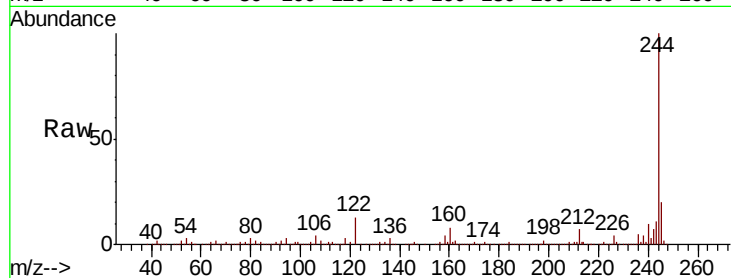




#79
 Terphenyl-d14
 Concen: 92.860 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BF114598.D
 Acq: 25 May 2019 5:18

Instrument :
 BNA_F
 ClientSampleId :
 TP-8-S

Tot Ion:244 Resp: 1789453
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 13.2 9.4 14.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: BF114598.D
 Acq: 25 May 2019 5:18

Tgt Ion:264 Resp: 390901
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.4 29.0
 265 20.9 16.9 25.3

