

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
 Data File : BF113375.D
 Acq On : 28 Mar 2019 15:39
 Operator : JU/SJ
 Sample : K2106-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-2

Quant Time: Mar 29 02:21:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	154810	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	538774	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	222432	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	406880	20.00	ng	0.00
76) Chrysene-d12	13.84	240	382493	20.00	ng	0.00
87) Perylene-d12	15.24	264	275746	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	535550	56.57	ng	0.00
7) Phenol-d6	6.35	99	519791	43.40	ng	-0.01
23) Nitrobenzene-d5	7.26	82	731943	80.63	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	282395	102.78	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1264136	90.14	ng	0.00
79) Terphenyl-d14	12.79	244	1309272	75.45	ng	0.00

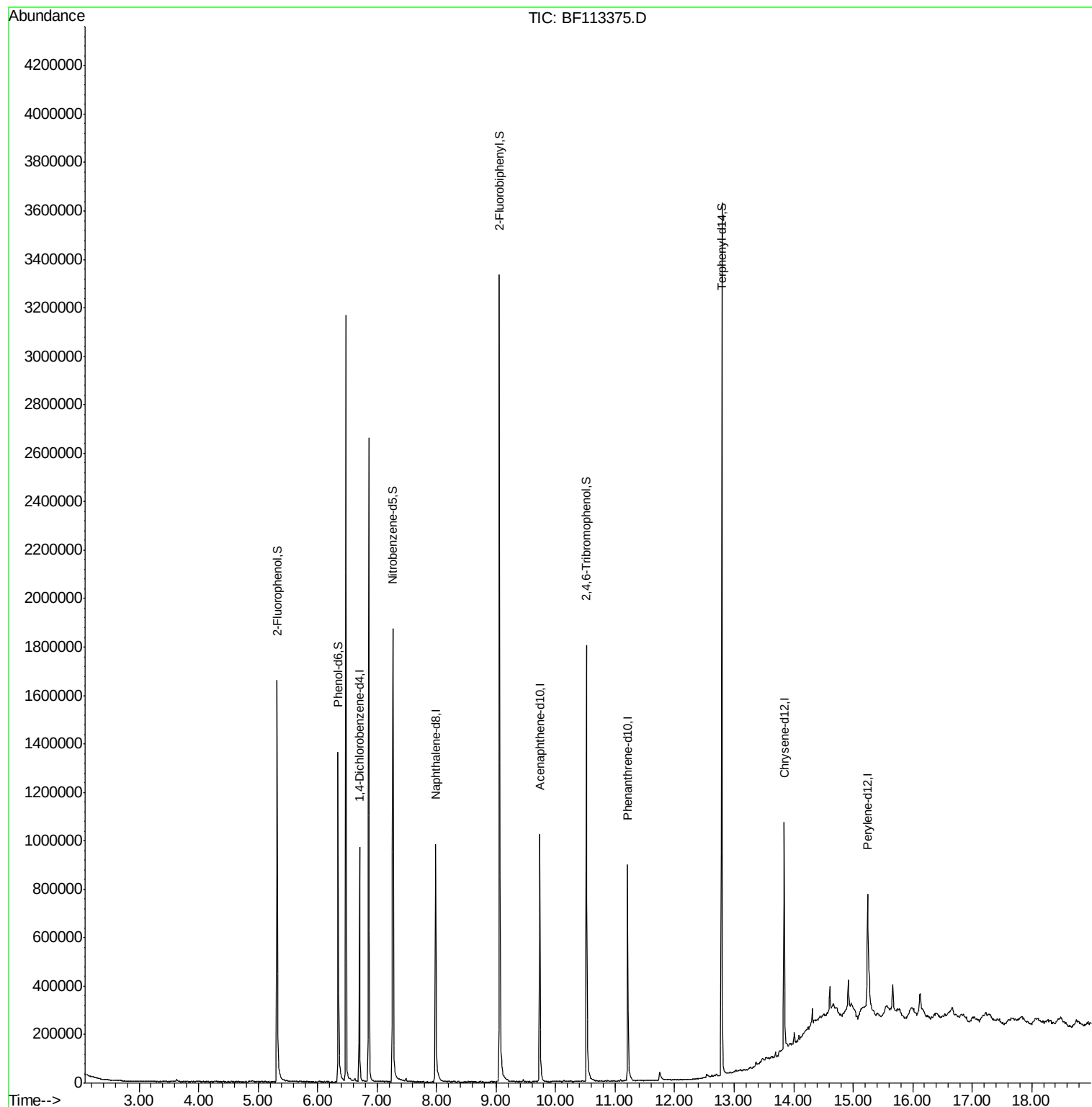
Target Compounds Qvalue

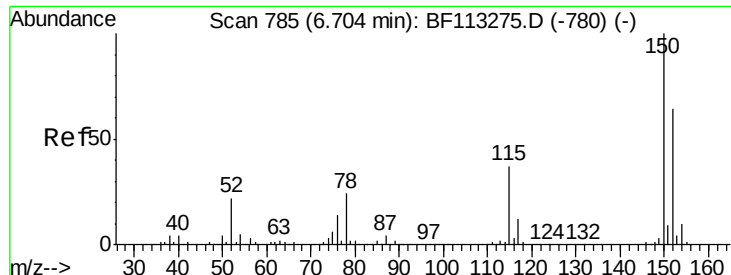
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.00 min

Lab File: BF113375.D

Acq: 28 Mar 2019 15:39

Instrument :

BNA_F

ClientSampleId :

W-2

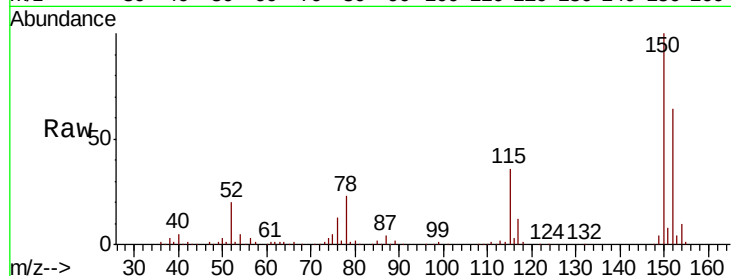
Tot Ion:152 Resp: 154810

Ion Ratio Lower Upper

152 100

150 155.2 124.7 187.1

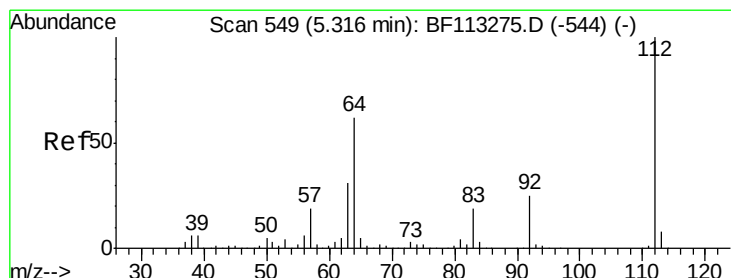
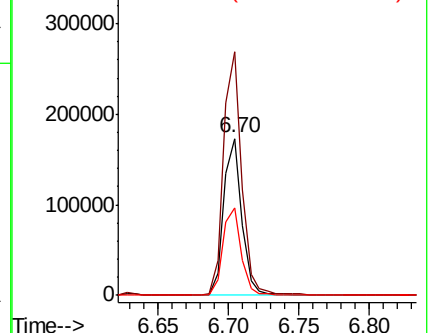
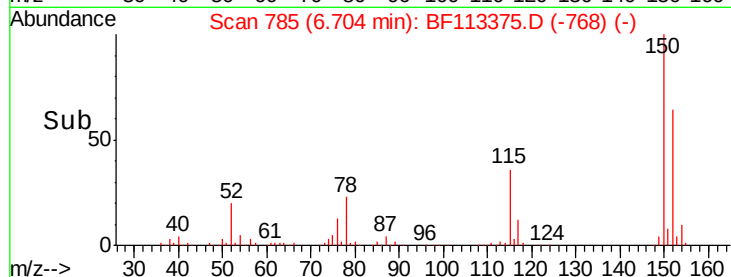
115 55.6 46.0 69.0



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: 56.565 ng

RT: 5.32 min Scan# 549

Delta R.T. -0.00 min

Lab File: BF113375.D

Acq: 28 Mar 2019 15:39

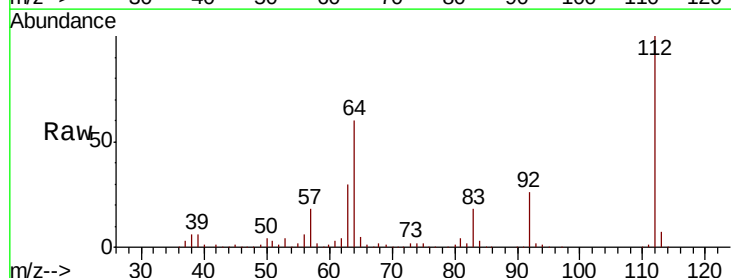
Tgt Ion:112 Resp: 535550

Ion Ratio Lower Upper

112 100

64 60.1 49.2 73.8

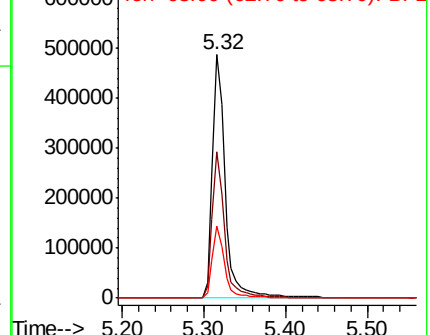
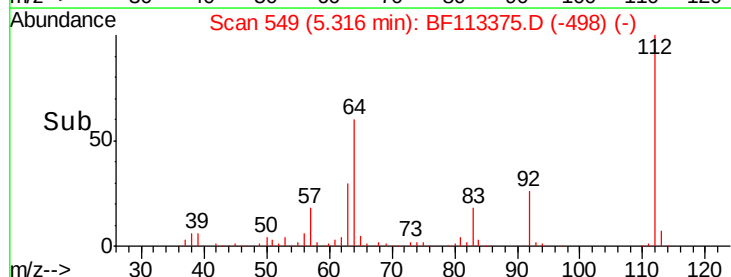
63 29.7 24.9 37.3

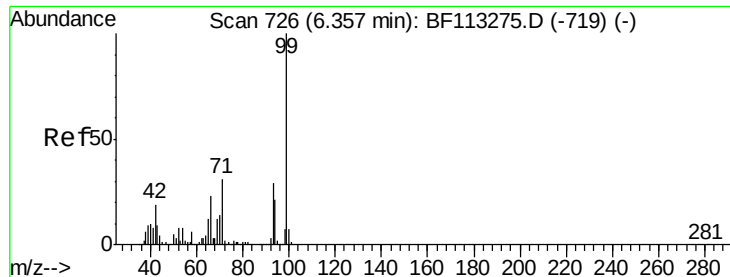


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 43.398 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF113375.D

Acq: 28 Mar 2019 15:39

Instrument :

BNA_F

ClientSampleId :

W-2

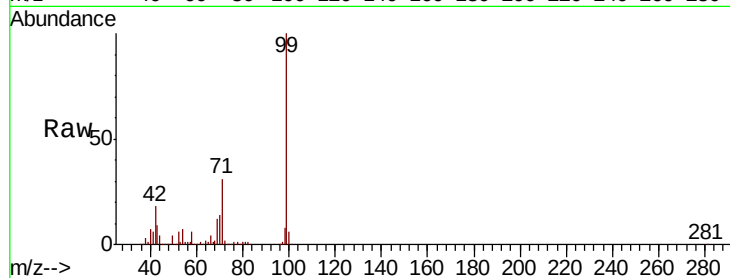
Tot Ion: 99 Resp: 519791

Ion Ratio Lower Upper

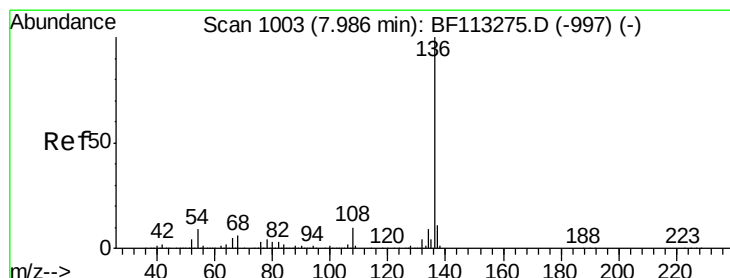
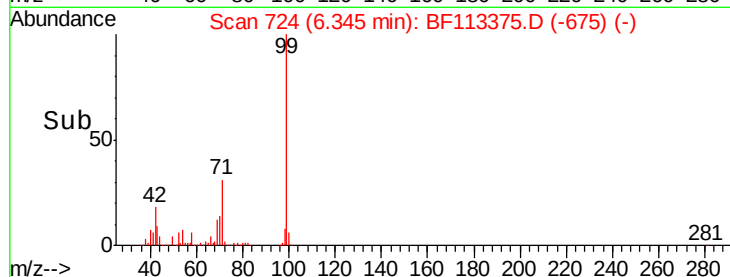
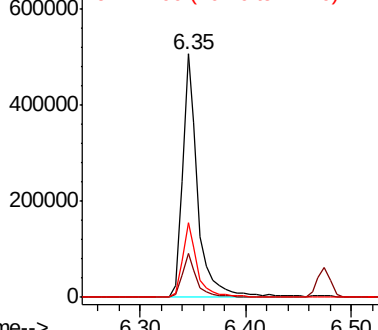
99 100

42 17.9 14.8 22.2

71 30.6 24.9 37.3



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: 7.99 min Scan# 1003

Delta R.T. -0.00 min

Lab File: BF113375.D

Acq: 28 Mar 2019 15:39

Tgt Ion: 136 Resp: 538774

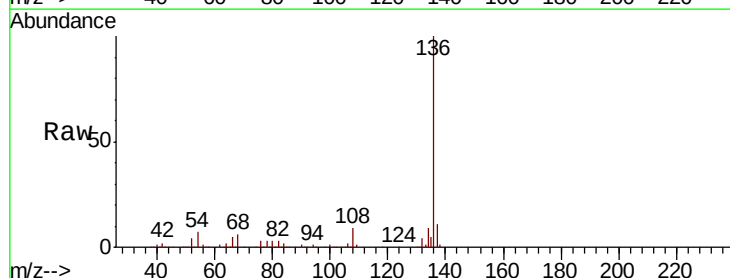
Ion Ratio Lower Upper

136 100

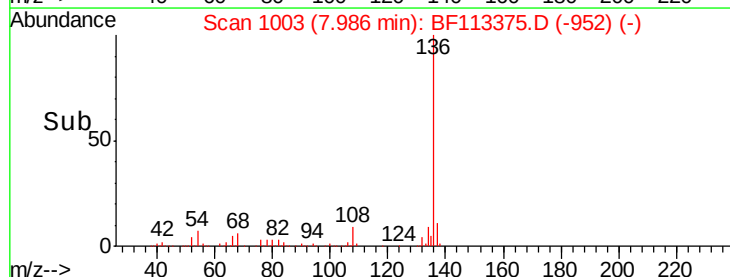
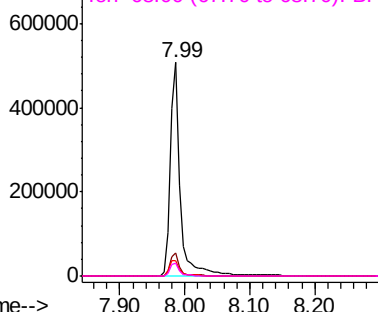
137 11.1 8.9 13.3

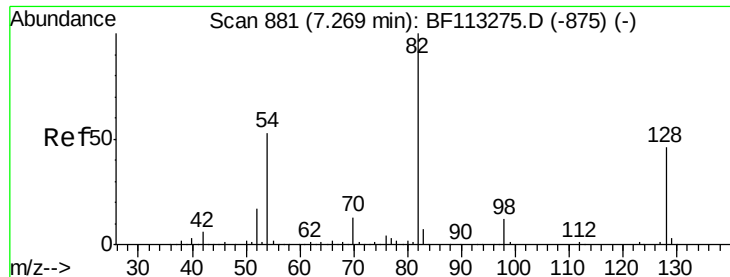
54 7.5 7.0 10.6

68 5.8 4.8 7.2



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

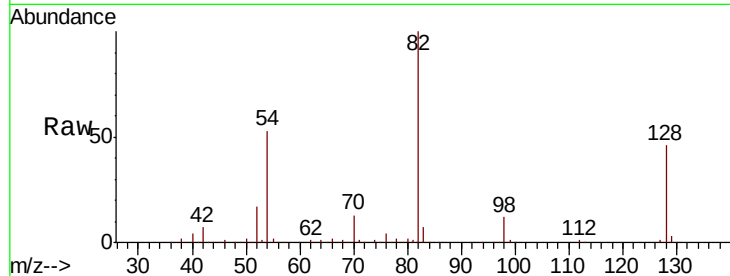




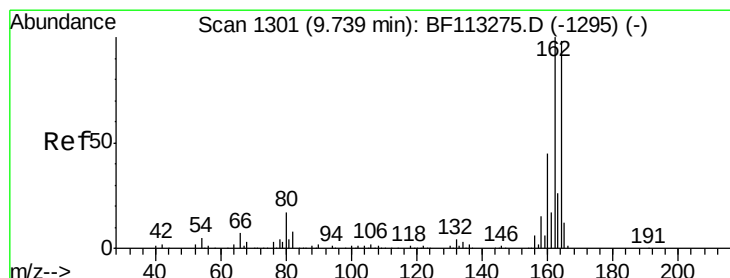
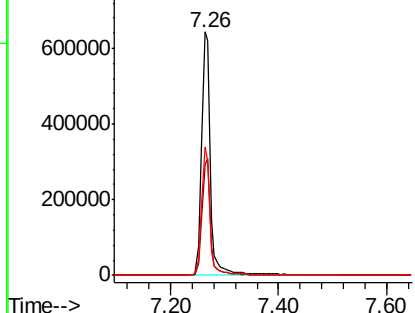
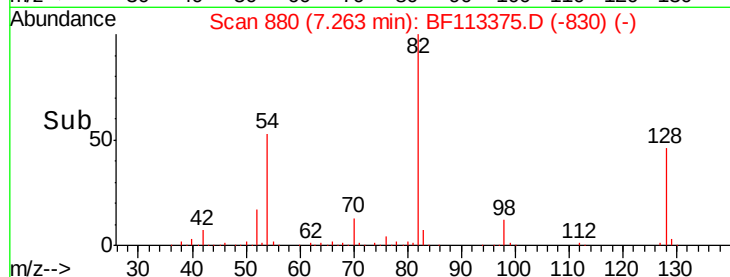
#23
Nitrobenzene-d5
Concen: 80.635 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF113375.D
Acq: 28 Mar 2019 15:39

Instrument :
BNA_F
ClientSampled :
W-2

Tot Ion: 82 Resp: 731943
Ion Ratio Lower Upper
82 100
128 45.5 36.5 54.7
54 52.6 42.2 63.2

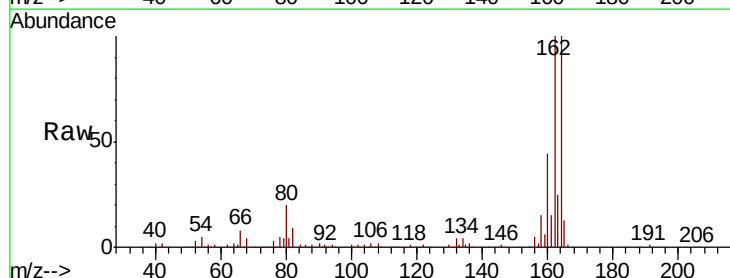


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

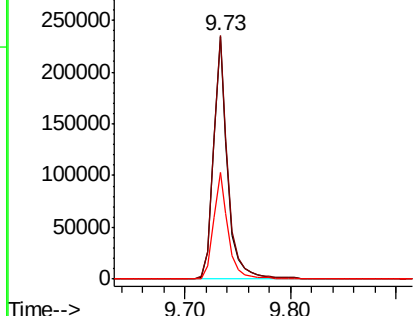
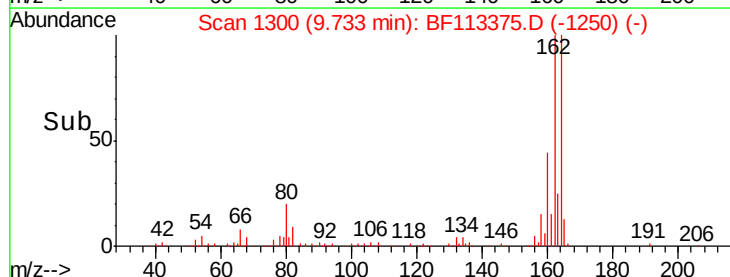


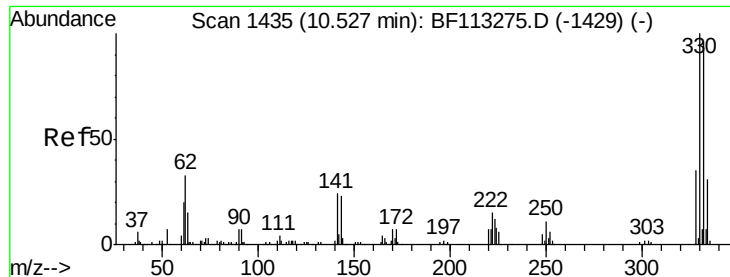
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF113375.D
Acq: 28 Mar 2019 15:39

Tgt Ion:164 Resp: 222432
Ion Ratio Lower Upper
164 100
162 100.4 81.8 122.6
160 44.1 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 102.781 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF113375.D

Acq: 28 Mar 2019 15:39

Instrument :

BNA_F

ClientSampleId :

W-2

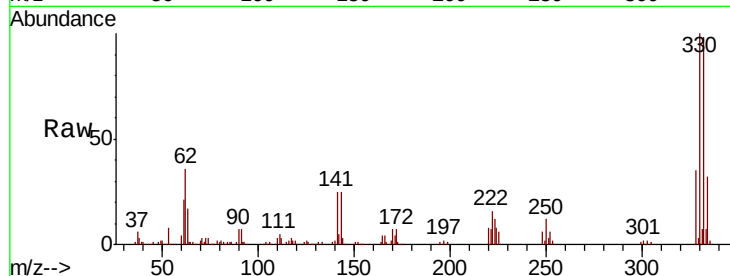
Tot Ion:330 Resp: 282395

Ion Ratio Lower Upper

330 100

332 96.9 77.8 116.6

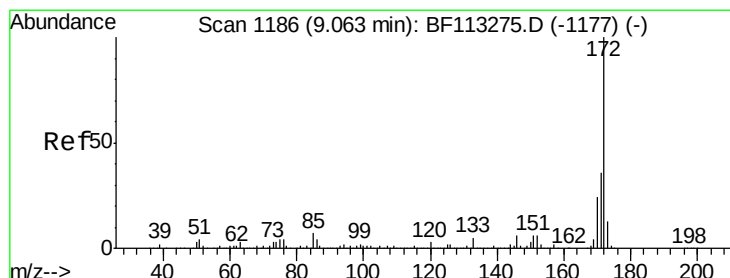
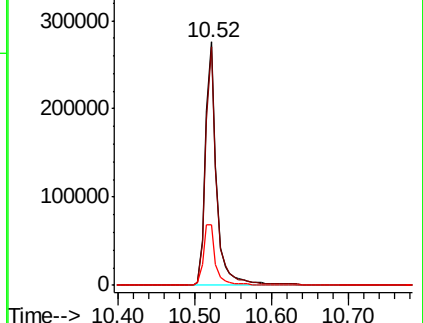
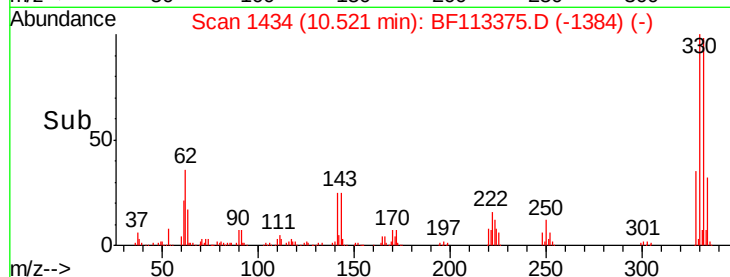
141 27.7 22.7 34.1



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: 90.144 ng

RT: 9.06 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BF113375.D

Acq: 28 Mar 2019 15:39

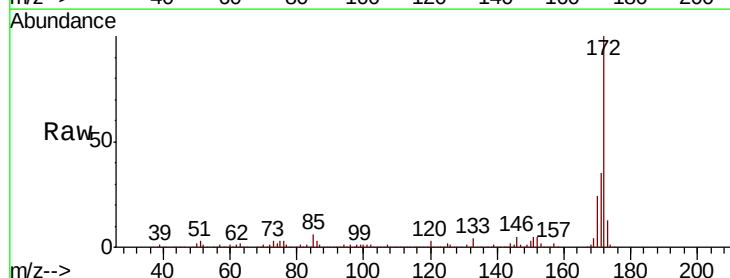
Tgt Ion:172 Resp: 1264136

Ion Ratio Lower Upper

172 100

171 35.4 29.0 43.6

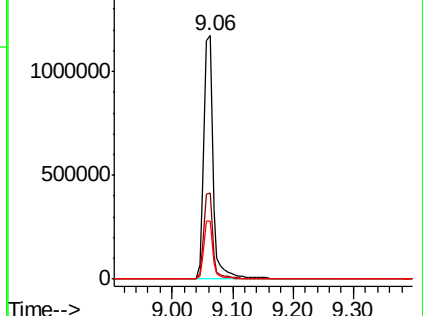
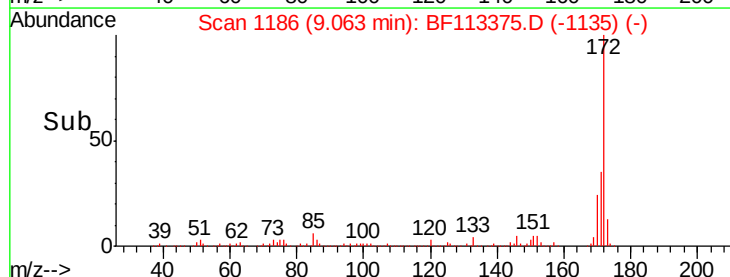
170 23.9 19.5 29.3

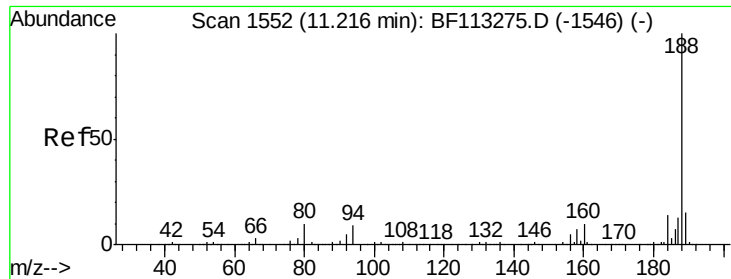


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

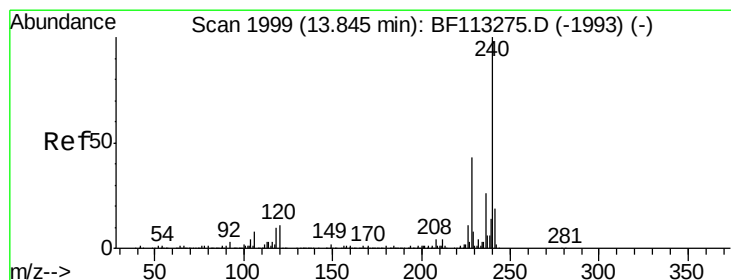
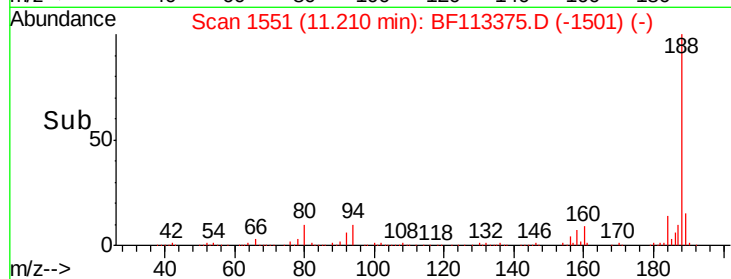
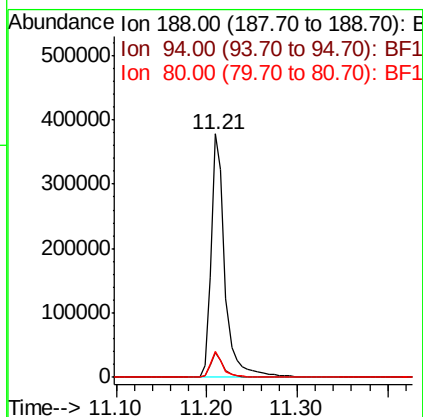
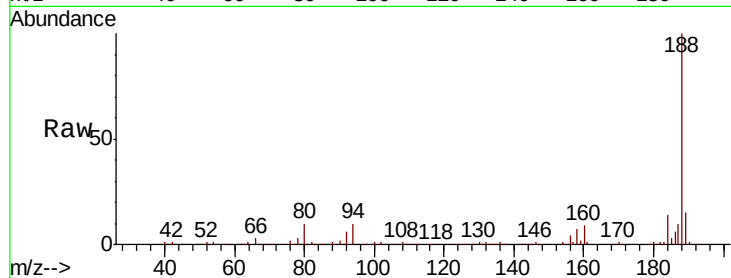




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF113375.D
Acq: 28 Mar 2019 15:39

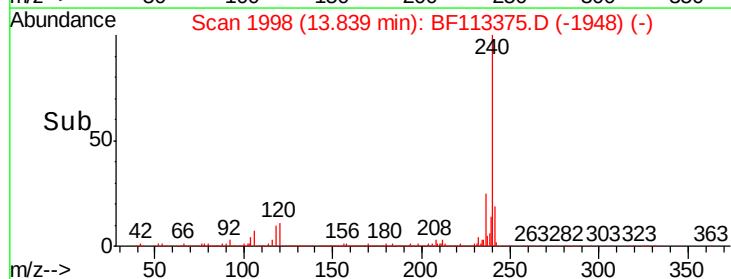
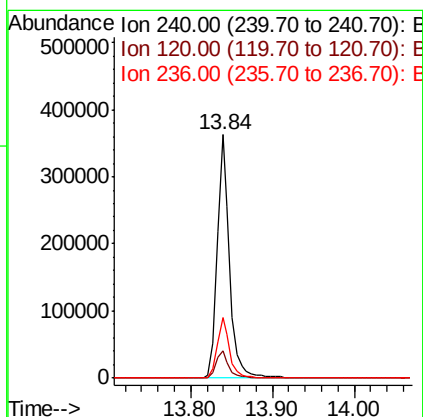
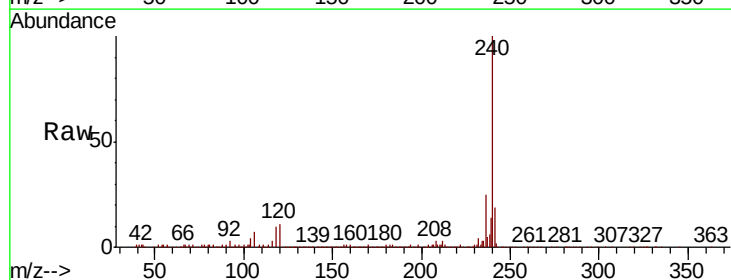
Instrument :
BNA_F
ClientSampled :
W-2

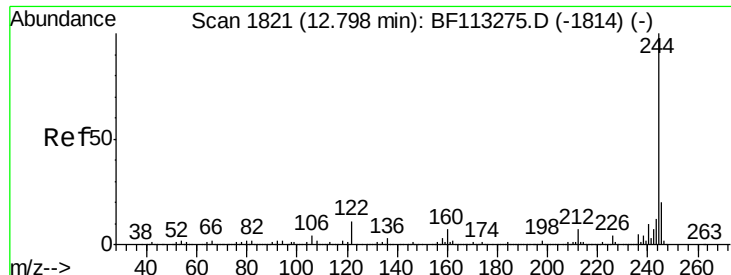
Tot Ion:188 Resp: 406880
Ion Ratio Lower Upper
188 100
94 10.1 7.0 10.6
80 10.5 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF113375.D
Acq: 28 Mar 2019 15:39

Tgt Ion:240 Resp: 382493
Ion Ratio Lower Upper
240 100
120 11.2 8.8 13.2
236 25.1 20.9 31.3

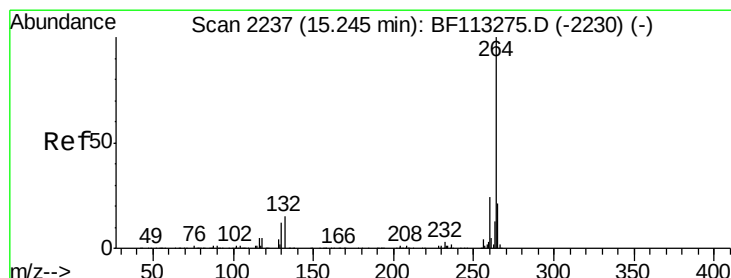
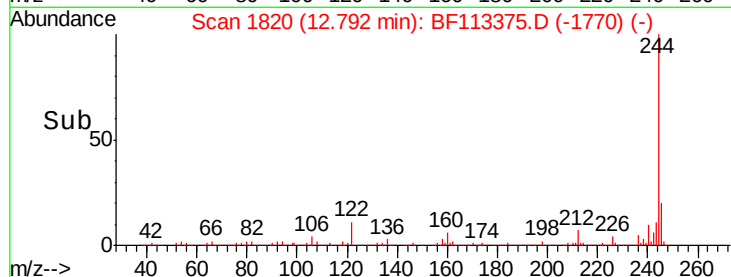
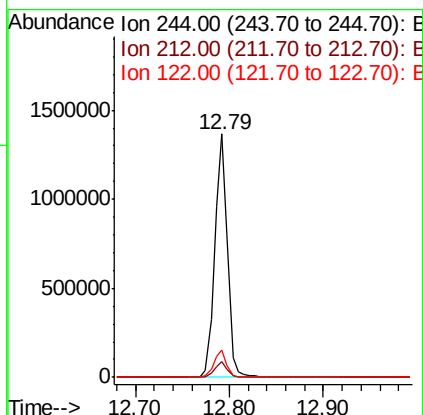
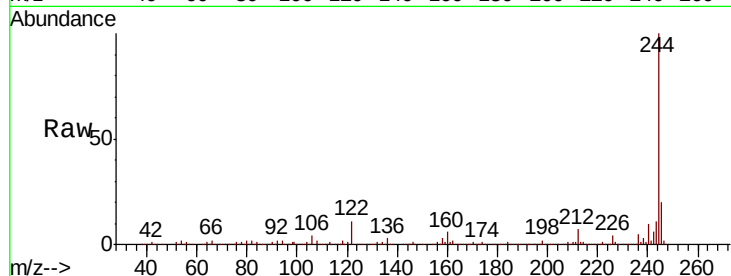




#79
 Terphenyl-d14
 Concen: 75.449 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF113375.D
 Acq: 28 Mar 2019 15:39

Instrument :
 BNA_F
 ClientSampleId :
 W-2

Tot Ion:244 Resp: 1309272
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.5 8.3
 122 11.0 8.6 13.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2237
 Delta R.T. -0.00 min
 Lab File: BF113375.D
 Acq: 28 Mar 2019 15:39

Tgt Ion:264 Resp: 275746
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.1 28.7
 265 21.9 17.1 25.7

