

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
 Data File : BF113400.D
 Acq On : 29 Mar 2019 5:06
 Operator : JU/SJ
 Sample : K2112-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPH-4-8-WC-002

Quant Time: Mar 29 05:38:45 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	176116	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	663082	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	312762	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	593866	20.00	ng	0.00
76) Chrysene-d12	13.84	240	436489	20.00	ng	0.00
87) Perylene-d12	15.24	264	438336	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1101738	102.29	ng	0.02
7) Phenol-d6	6.35	99	1275266	93.59	ng	0.00
23) Nitrobenzene-d5	7.27	82	987247	88.37	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	468937	121.38	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1780077	90.31	ng	0.00
79) Terphenyl-d14	12.79	244	1659365	83.79	ng	0.00

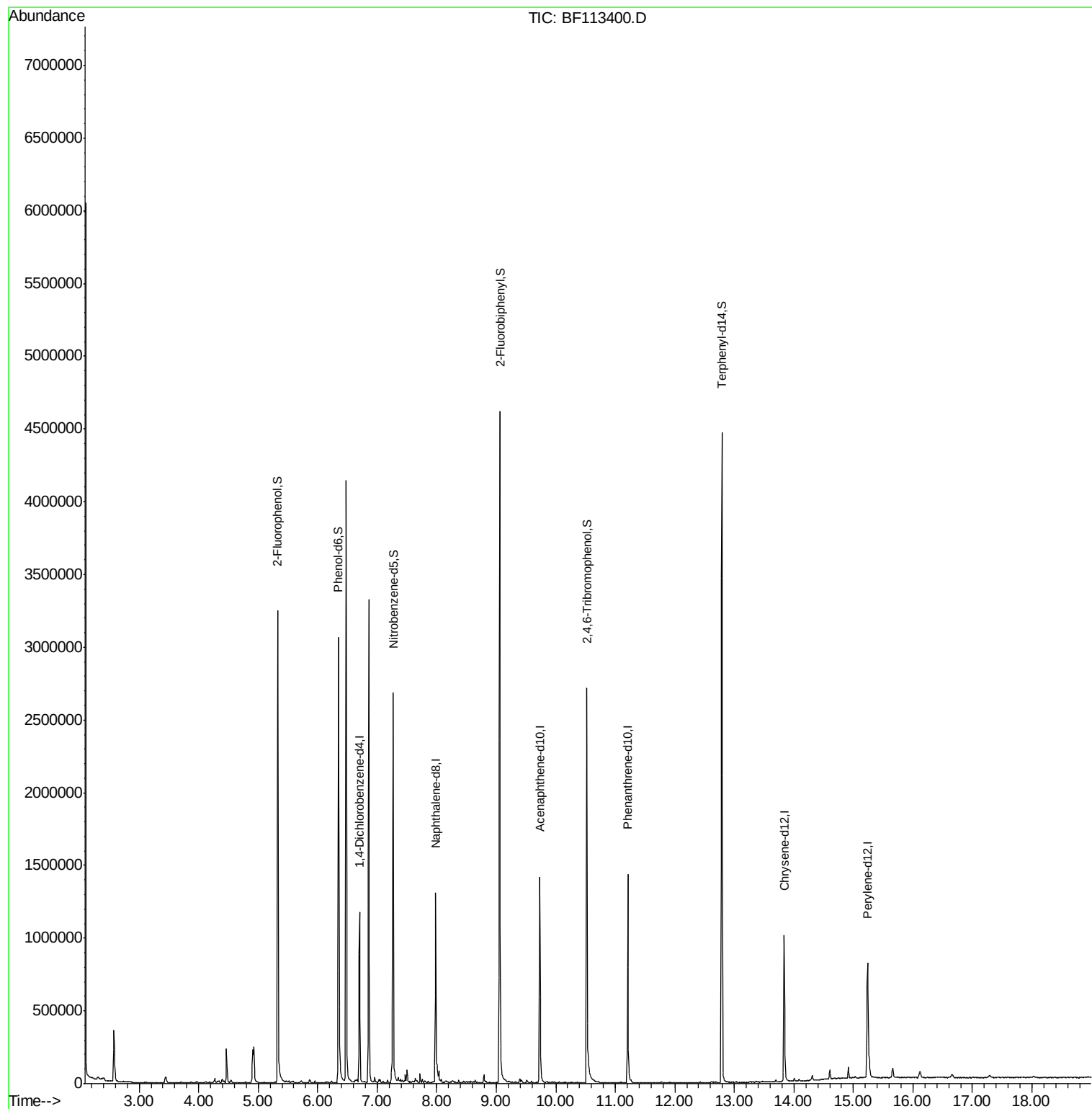
Target Compounds Qvalue

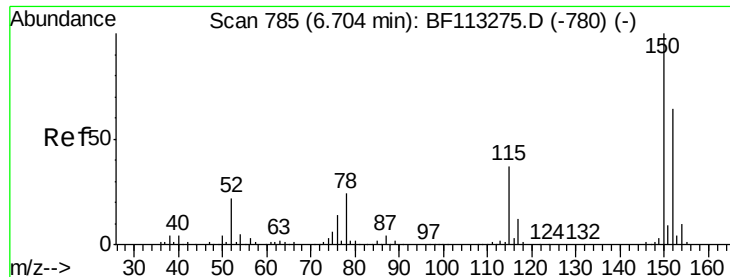
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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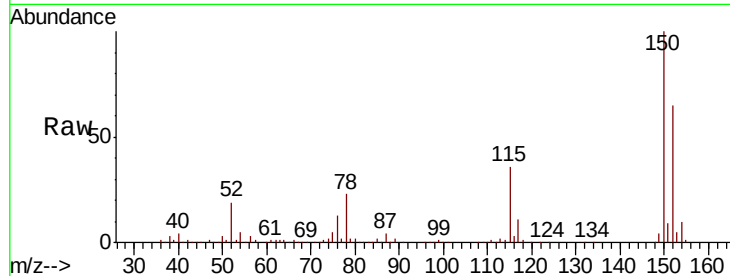


#1

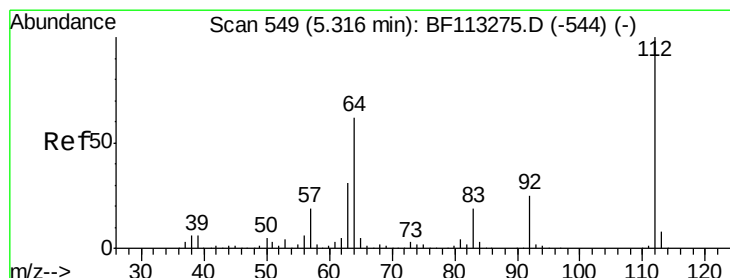
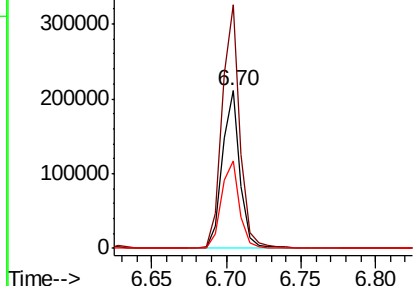
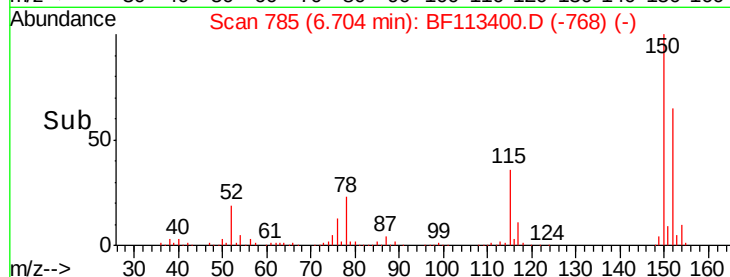
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF113400.D
Acq: 29 Mar 2019 5:06

Instrument :
BNA_F
ClientSampleId :
EPH-4-8-WC-002

Tot Ion:152 Resp: 176116
Ion Ratio Lower Upper
152 100
150 154.8 124.7 187.1
115 55.8 46.0 69.0



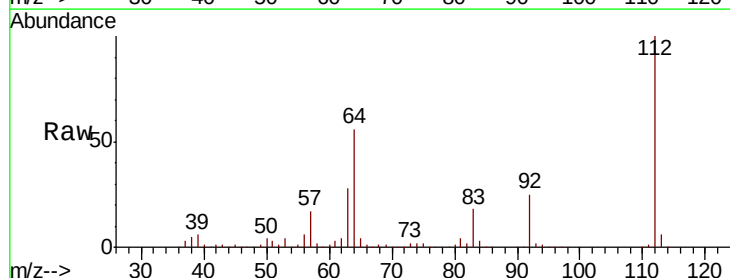
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



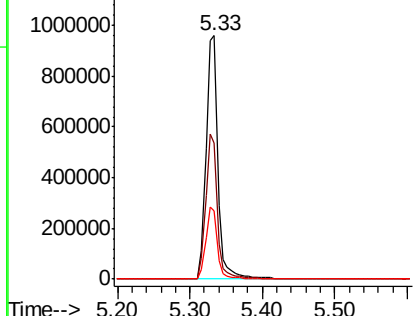
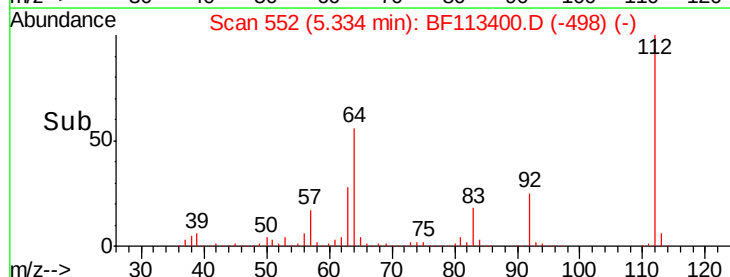
#5

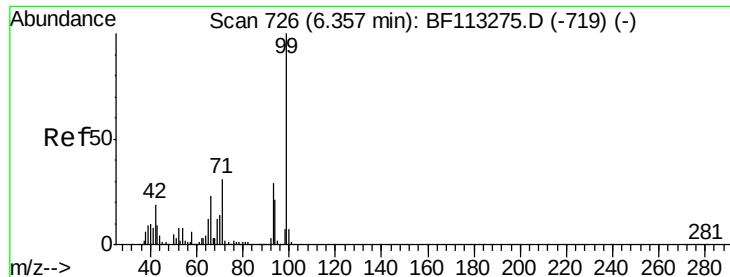
2-Fluorophenol
Concen: 102.289 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.02 min
Lab File: BF113400.D
Acq: 29 Mar 2019 5:06

Tgt Ion:112 Resp: 1101738
Ion Ratio Lower Upper
112 100
64 55.8 49.2 73.8
63 28.3 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: 93.593 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113400.D

Acq: 29 Mar 2019 5:06

Instrument :

BNA_F

ClientSampleId :

EPH-4-8-WC-002

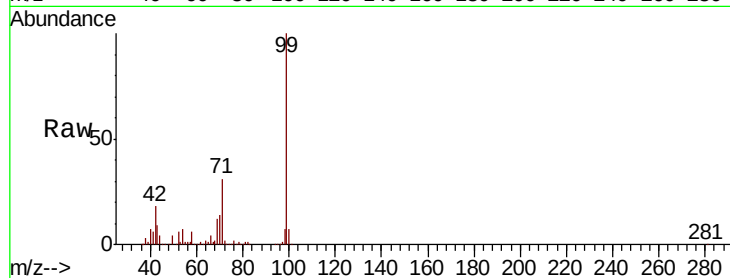
Tot Ion: 99 Resp: 1275266

Ion Ratio Lower Upper

99 100

42 18.0 14.8 22.2

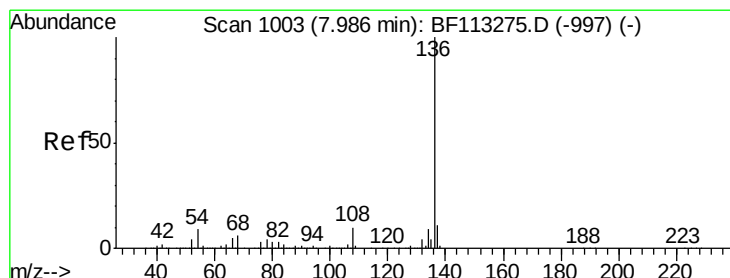
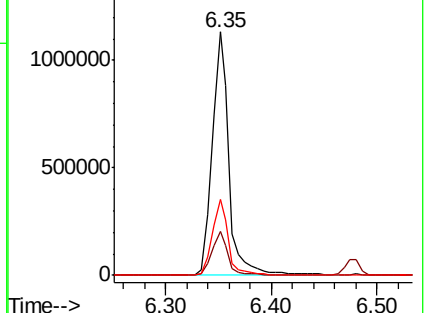
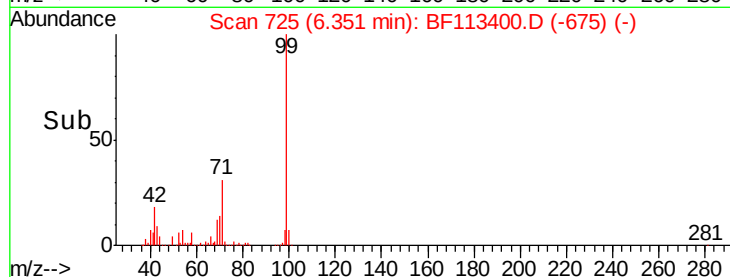
71 31.3 24.9 37.3



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: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF113400.D

Acq: 29 Mar 2019 5:06

Tgt Ion: 136 Resp: 663082

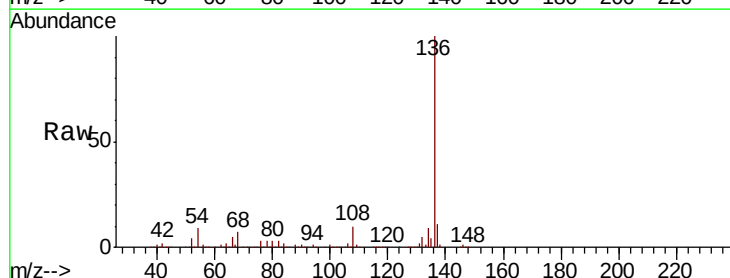
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.6 7.0 10.6

68 6.6 4.8 7.2

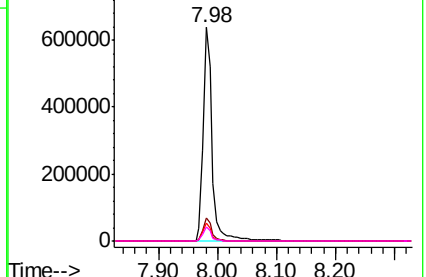
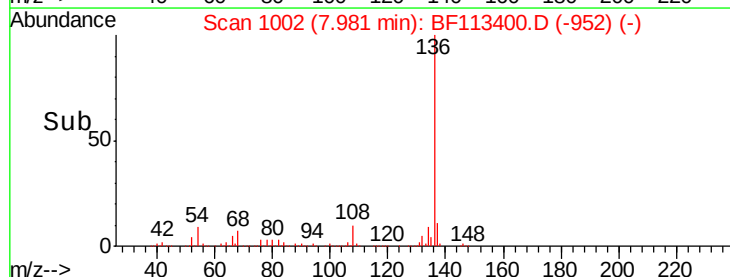


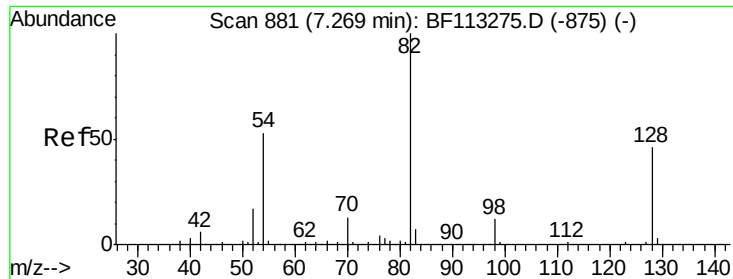
Abundance Ion 136.00 (135.70 to 136.70): E

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

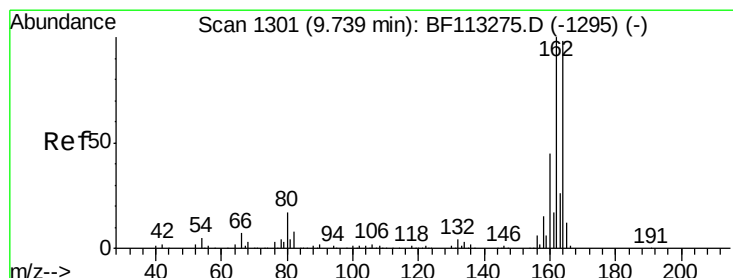
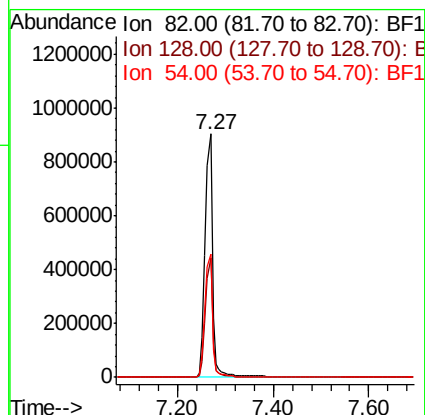
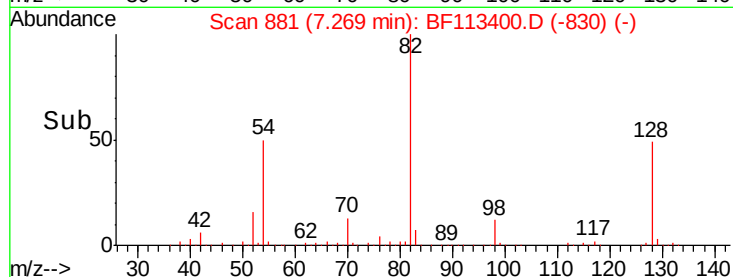
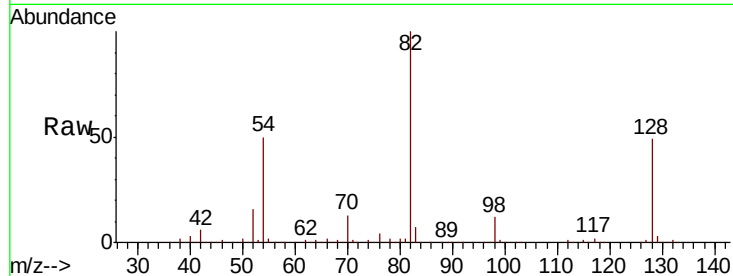




#23
 Nitrobenzene-d5
 Concen: 88.371 ng
 RT: 7.27 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF113400.D
 Acq: 29 Mar 2019 5:06

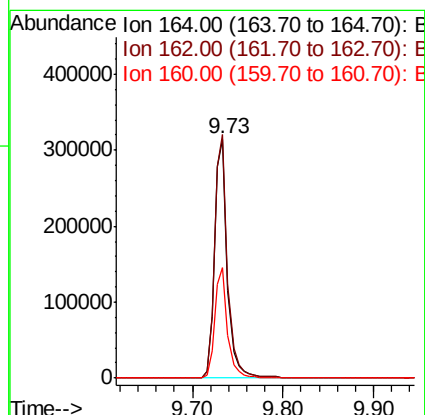
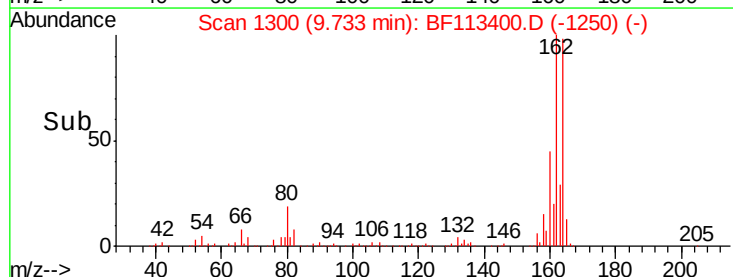
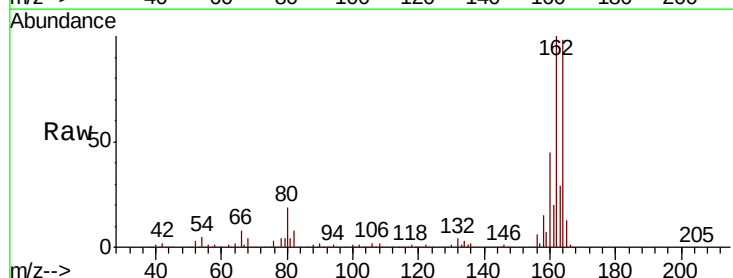
Instrument :
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 EPH-4-8-WC-002

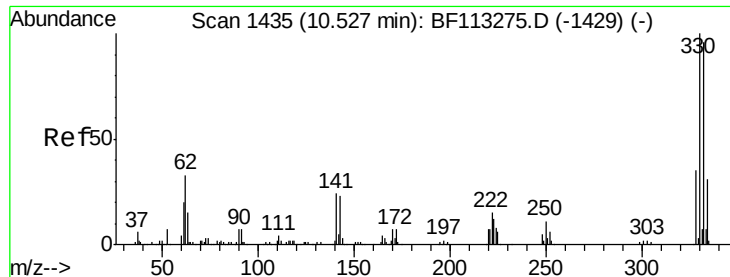
Tot Ion: 82 Resp: 987247
 Ion Ratio Lower Upper
 82 100
 128 48.8 36.5 54.7
 54 50.4 42.2 63.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF113400.D
 Acq: 29 Mar 2019 5:06

Tgt Ion:164 Resp: 312762
 Ion Ratio Lower Upper
 164 100
 162 101.9 81.8 122.6
 160 46.1 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 121.382 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF113400.D

Acq: 29 Mar 2019 5:06

Instrument :

BNA_F

ClientSampleId :

EPH-4-8-WC-002

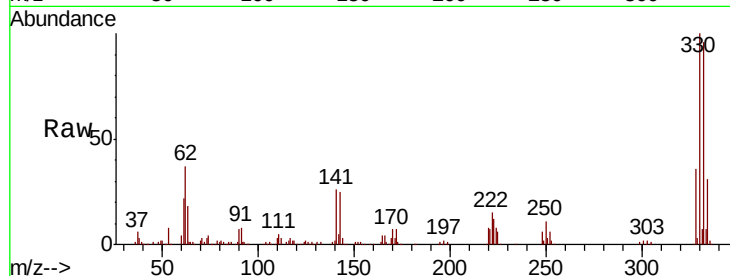
Tot Ion:330 Resp: 468937

Ion Ratio Lower Upper

330 100

332 95.6 77.8 116.6

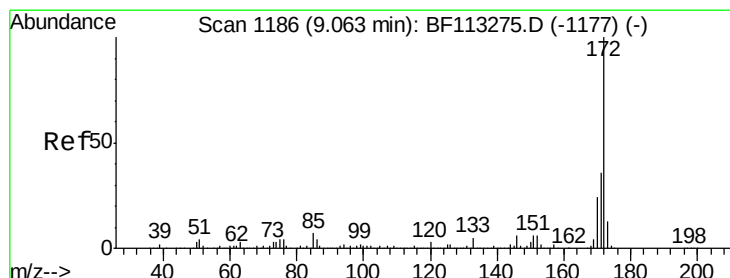
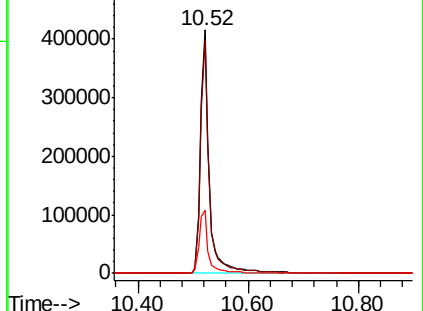
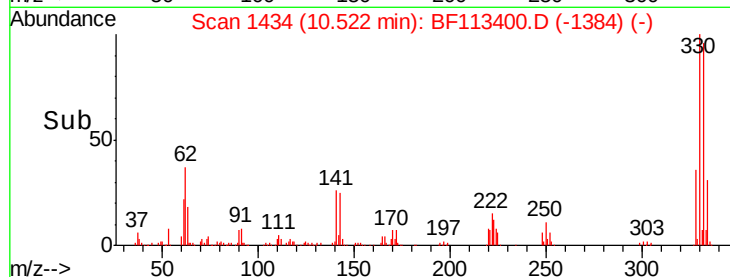
141 26.7 22.7 34.1



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: 90.307 ng

RT: 9.06 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BF113400.D

Acq: 29 Mar 2019 5:06

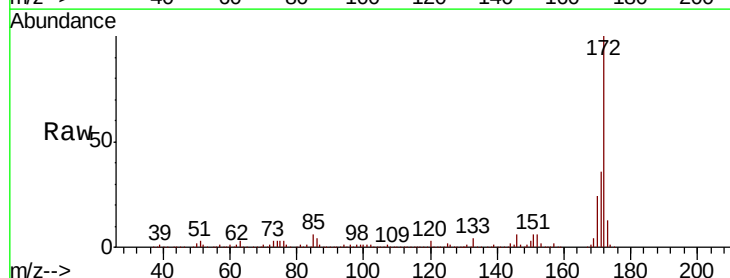
Tgt Ion:172 Resp: 1780077

Ion Ratio Lower Upper

172 100

171 36.0 29.0 43.6

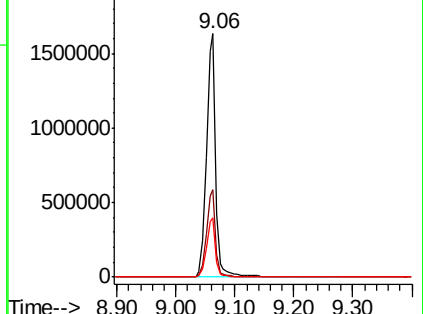
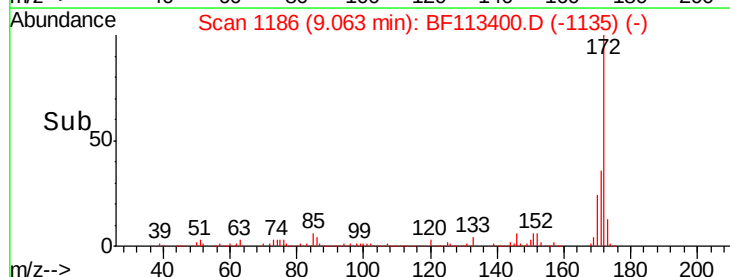
170 24.3 19.5 29.3

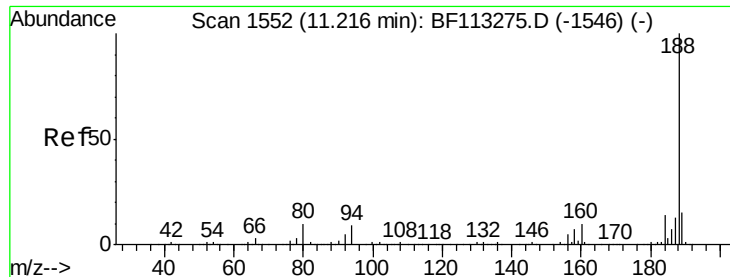


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

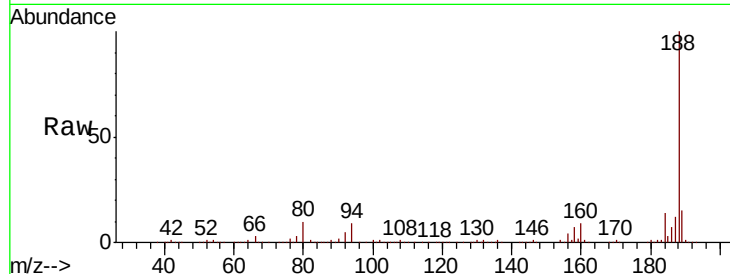




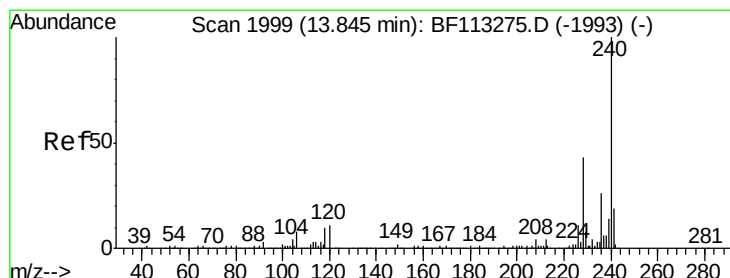
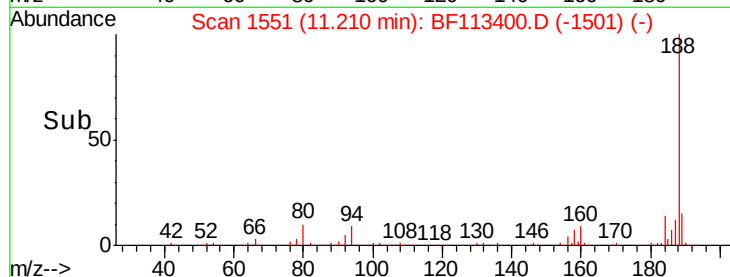
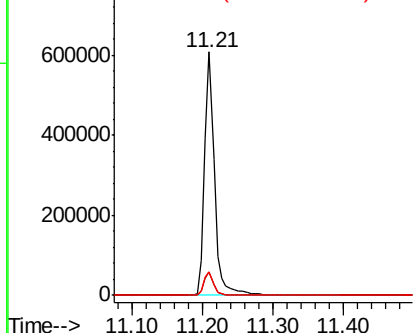
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF113400.D
Acq: 29 Mar 2019 5:06

Instrument :
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EPH-4-8-WC-002

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.0	10.6
80	9.6	7.7	11.5

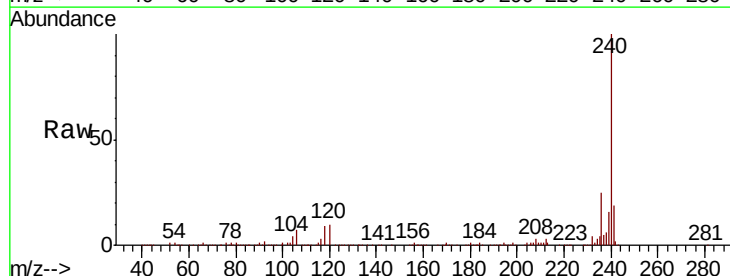


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

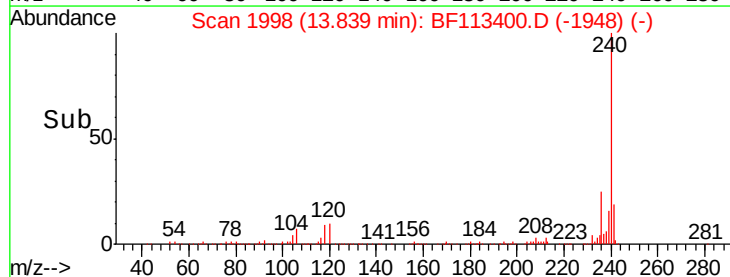
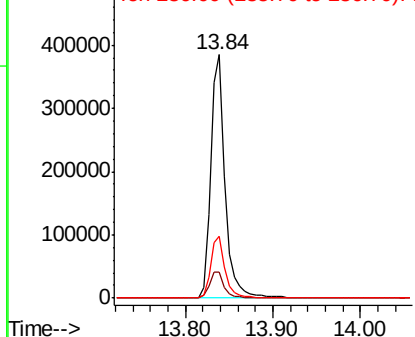


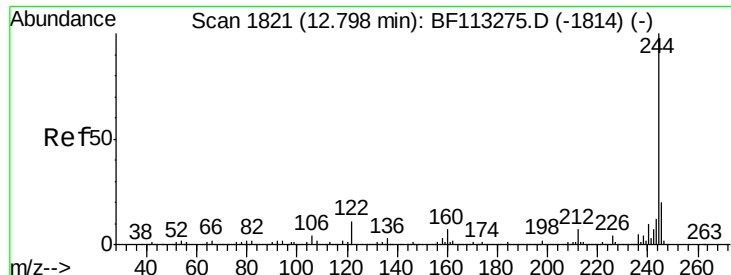
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF113400.D
Acq: 29 Mar 2019 5:06

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.8	13.2
236	25.2	20.9	31.3



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

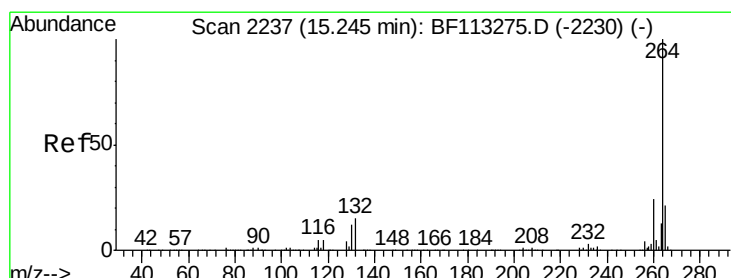
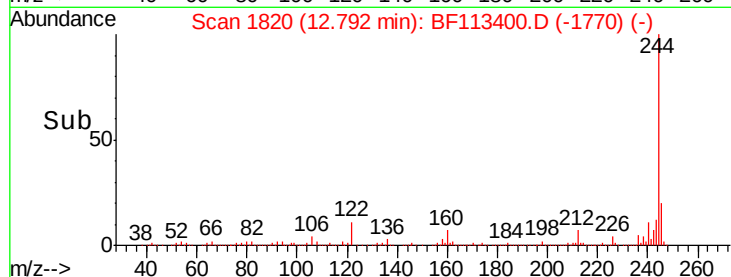
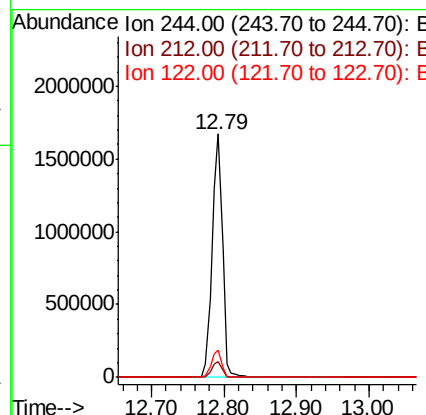
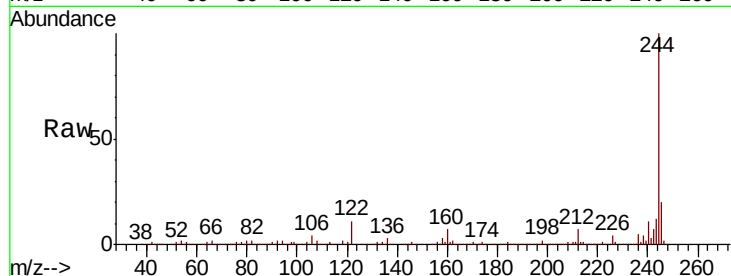




#79
 Terphenyl-d14
 Concen: 83.794 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.00 min
 Lab File: BF113400.D
 Acq: 29 Mar 2019 5:06

Instrument :
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 EPH-4-8-WC-002

Tot Ion:244 Resp: 1659365
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.5 8.3
 122 11.1 8.6 13.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. -0.01 min
 Lab File: BF113400.D
 Acq: 29 Mar 2019 5:06

Tgt Ion:264 Resp: 438336
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.1 28.7
 265 20.9 17.1 25.7

