

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
 Data File : BF113399.D
 Acq On : 29 Mar 2019 4:38
 Operator : JU/SJ
 Sample : K2111-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S5(17-25)COMP

Quant Time: Mar 29 05:37:42 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	162512	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	600153	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	282384	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	508456	20.00	ng	0.00
76) Chrysene-d12	13.84	240	383979	20.00	ng	0.00
87) Perylene-d12	15.24	264	396651	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1023130	102.94	ng	0.01
7) Phenol-d6	6.35	99	1157553	92.07	ng	0.00
23) Nitrobenzene-d5	7.27	82	944155	93.38	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	435697	124.91	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1693818	96.37	ng	0.00
79) Terphenyl-d14	12.79	244	1480935	85.01	ng	0.00

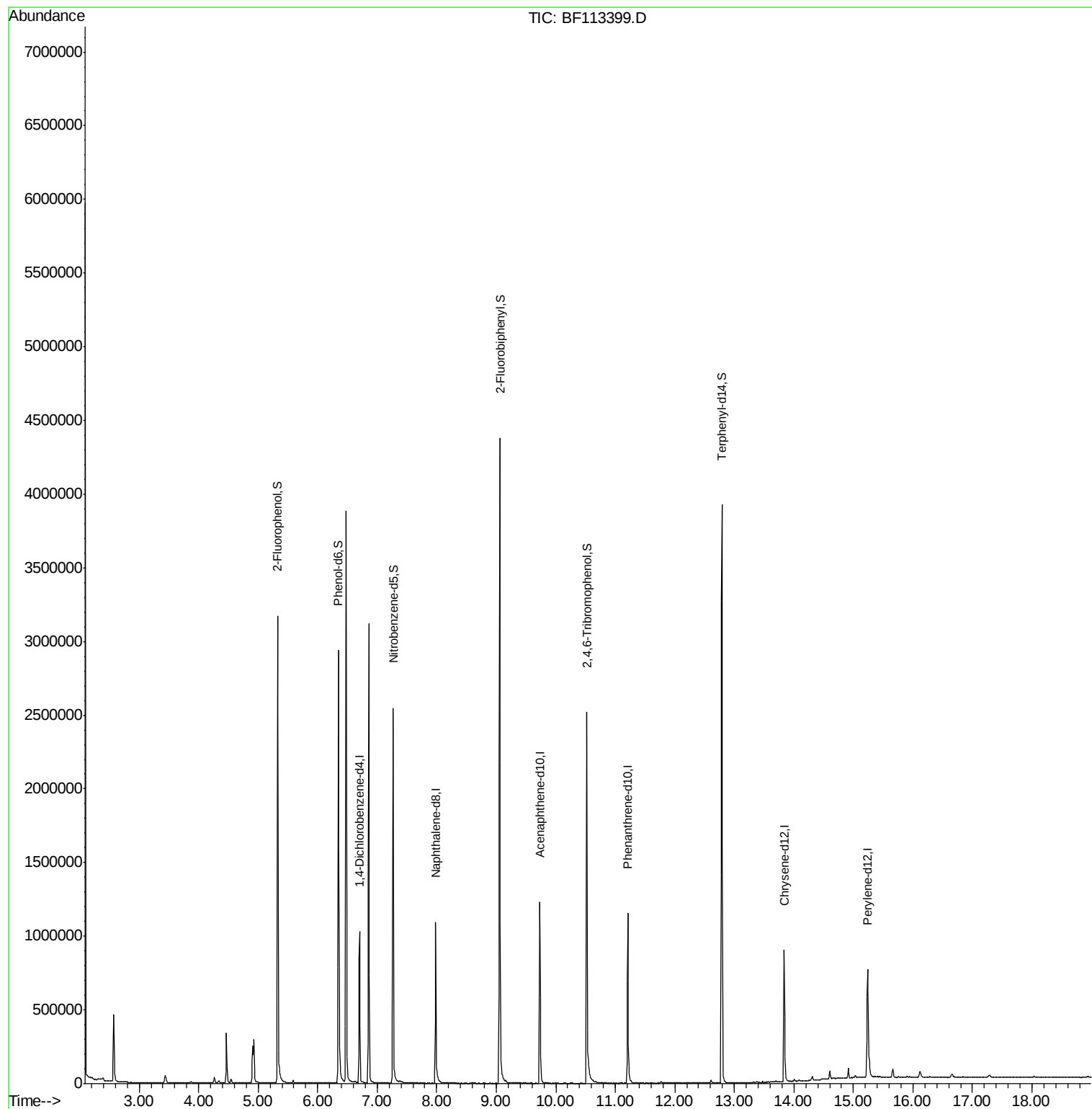
Target Compounds Qvalue

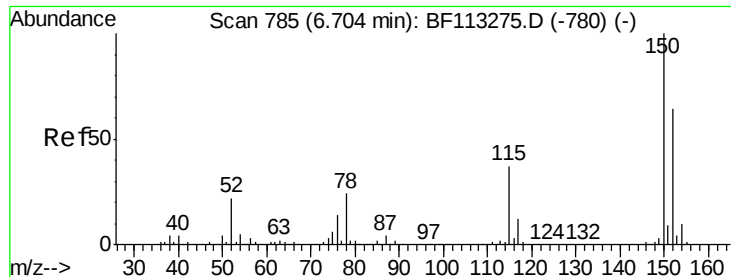
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
Data File : BF113399.D
Acq On : 29 Mar 2019 4:38
Operator : JU/SJ
Sample : K2111-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S5(17-25)COMP

Quant Time: Mar 29 05:37:42 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.00 min

Lab File: BF113399.D

Acq: 29 Mar 2019 4:38

Instrument :

BNA_F

ClientSampleId :

S5(17-25)COMP

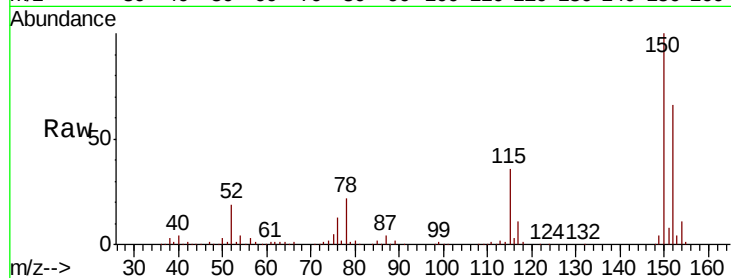
Tot Ion:152 Resp: 162512

Ion Ratio Lower Upper

152 100

150 152.0 124.7 187.1

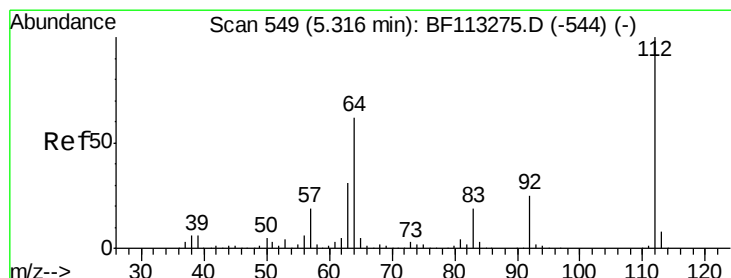
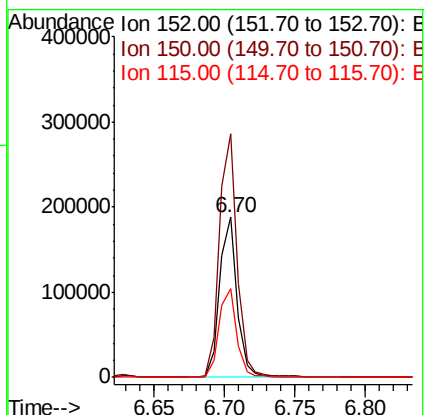
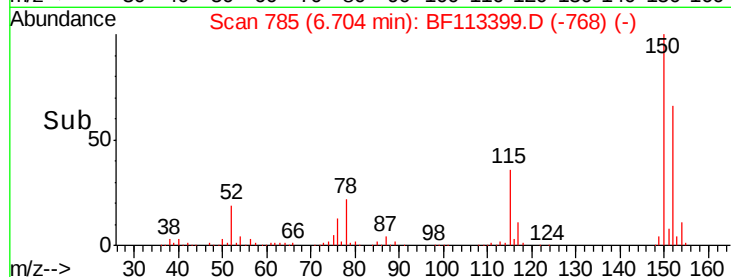
115 55.0 46.0 69.0



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: 102.943 ng

RT: 5.33 min Scan# 551

Delta R.T. 0.01 min

Lab File: BF113399.D

Acq: 29 Mar 2019 4:38

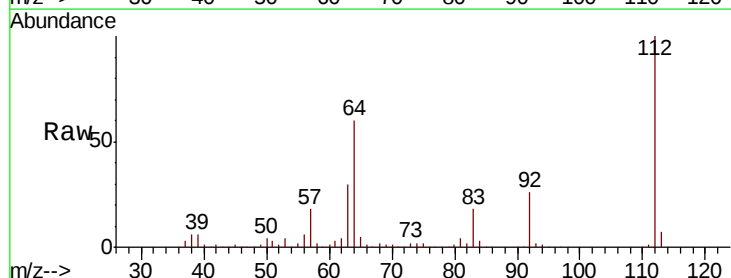
Tgt Ion:112 Resp: 1023130

Ion Ratio Lower Upper

112 100

64 59.9 49.2 73.8

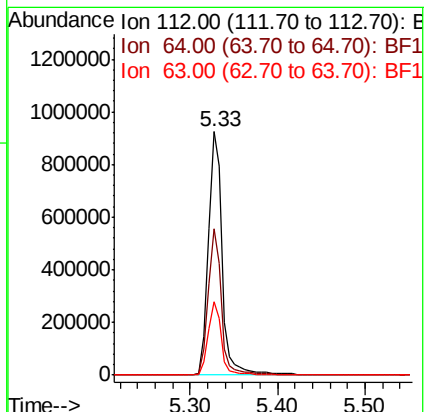
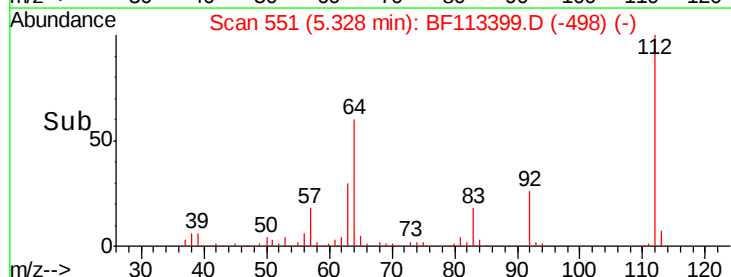
63 30.4 24.9 37.3



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: 92.065 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113399.D

Acq: 29 Mar 2019 4:38

Instrument :

BNA_F

ClientSampleId :

S5(17-25)COMP

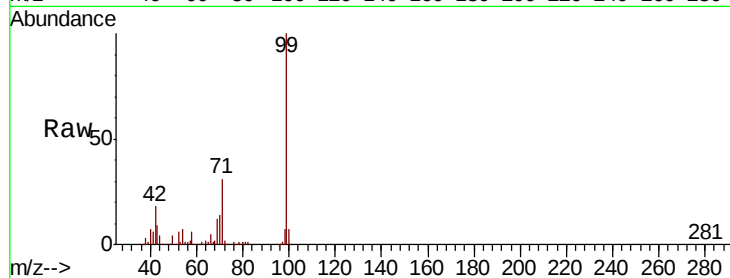
Tot Ion: 99 Resp: 1157553

Ion Ratio Lower Upper

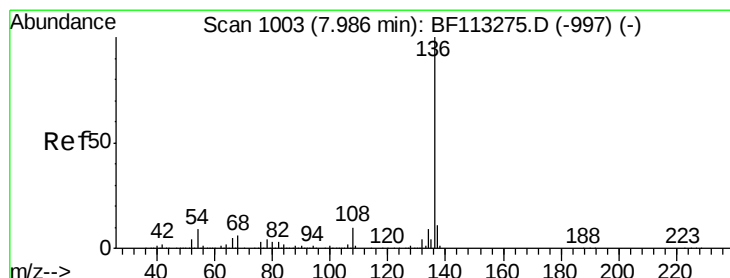
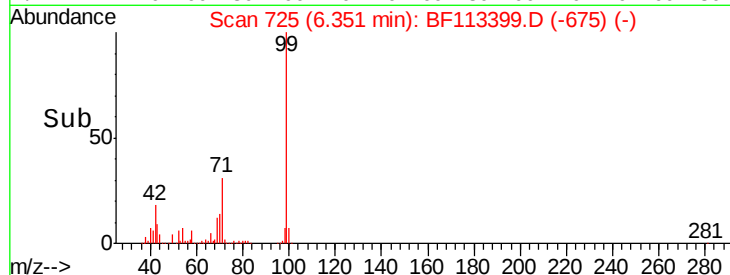
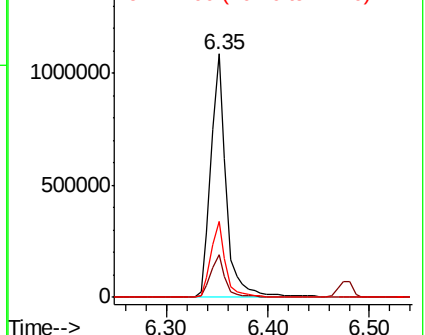
99 100

42 17.7 14.8 22.2

71 31.0 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: BF113399.D

Acq: 29 Mar 2019 4:38

Tgt Ion: 136 Resp: 600153

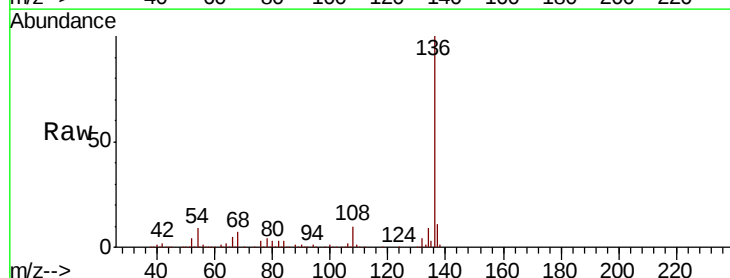
Ion Ratio Lower Upper

136 100

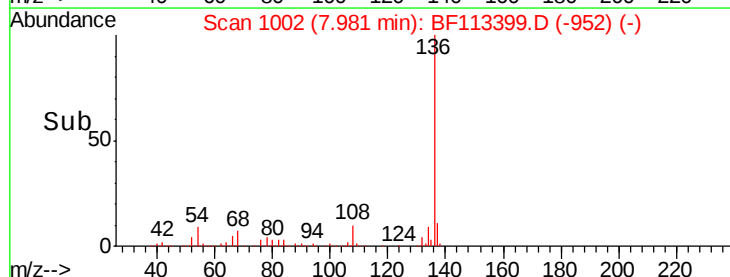
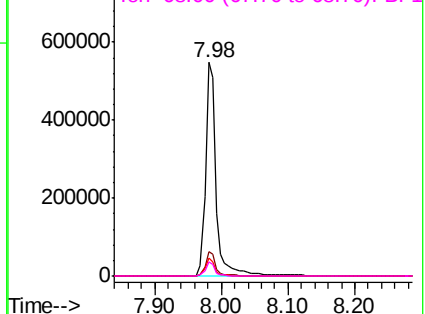
137 11.5 8.9 13.3

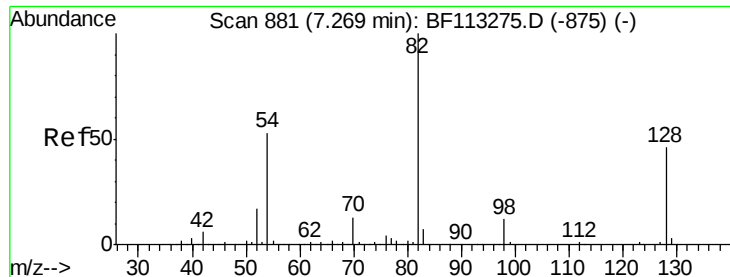
54 8.5 7.0 10.6

68 6.5 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

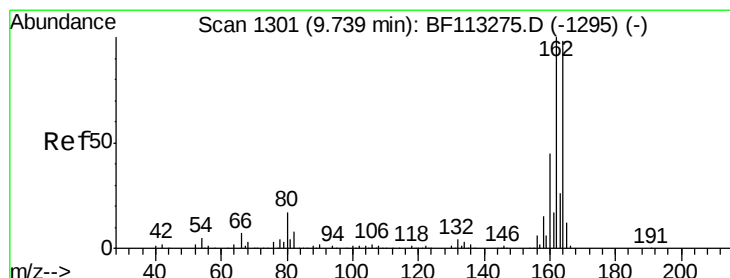
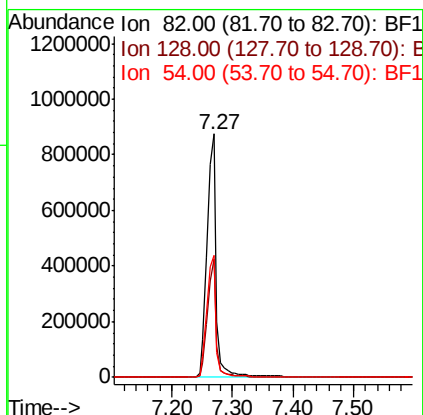
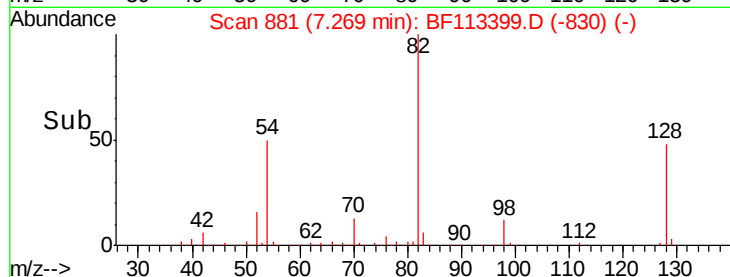
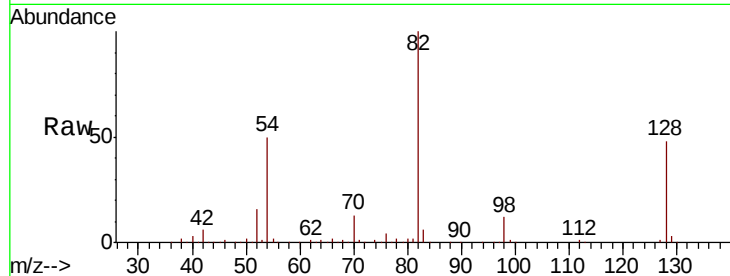




#23
Nitrobenzene-d5
Concen: 93.375 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF113399.D
Acq: 29 Mar 2019 4:38

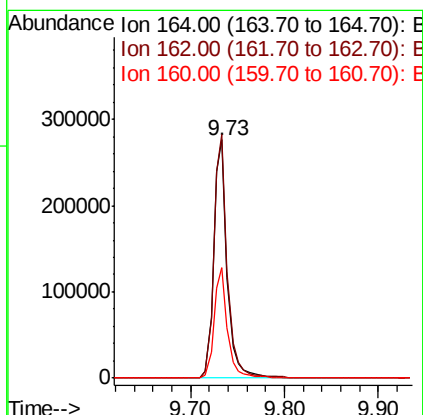
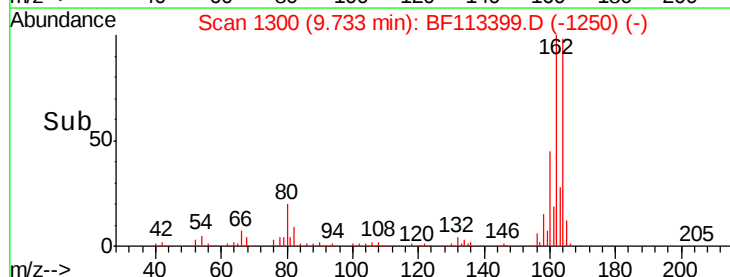
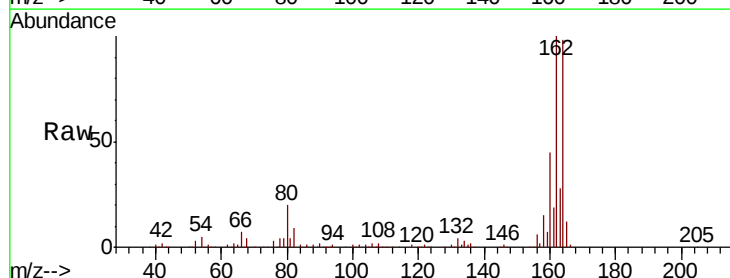
Instrument :
BNA_F
ClientSampleId :
S5(17-25)COMP

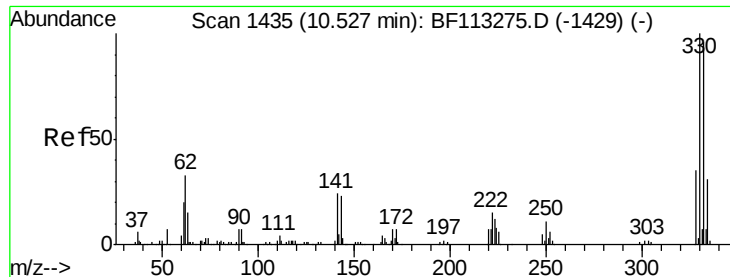
Tot Ion: 82 Resp: 944155
Ion Ratio Lower Upper
82 100
128 48.4 36.5 54.7
54 50.4 42.2 63.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF113399.D
Acq: 29 Mar 2019 4:38

Tgt Ion:164 Resp: 282384
Ion Ratio Lower Upper
164 100
162 102.3 81.8 122.6
160 46.5 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 124.910 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF113399.D

Acq: 29 Mar 2019 4:38

Instrument :

BNA_F

ClientSampleId :

S5(17-25)COMP

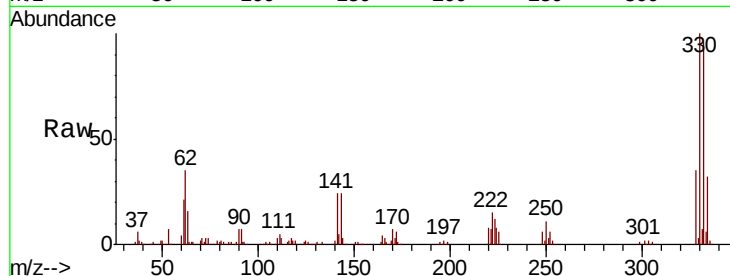
Tot Ion:330 Resp: 435697

Ion Ratio Lower Upper

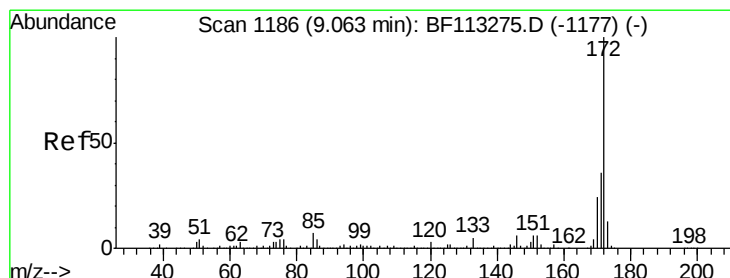
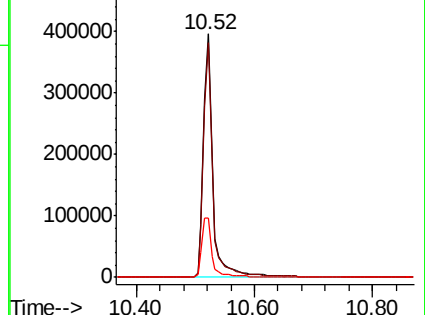
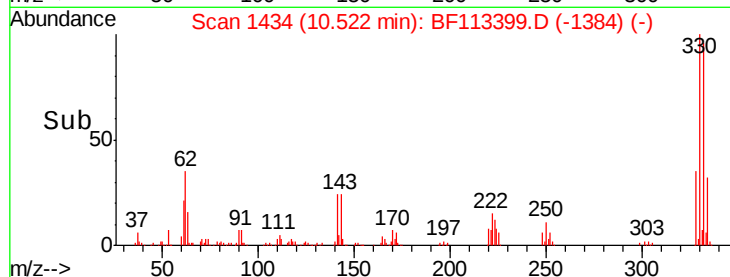
330 100

332 95.6 77.8 116.6

141 27.1 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: 96.375 ng

RT: 9.06 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BF113399.D

Acq: 29 Mar 2019 4:38

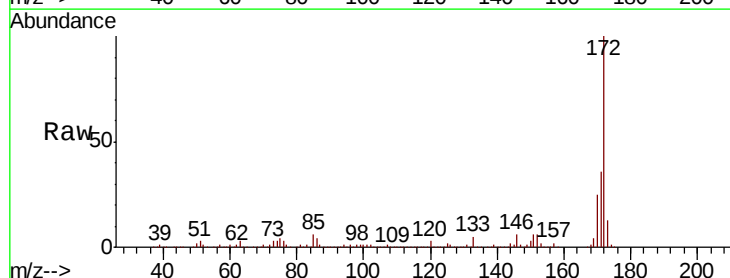
Tgt Ion:172 Resp: 1693818

Ion Ratio Lower Upper

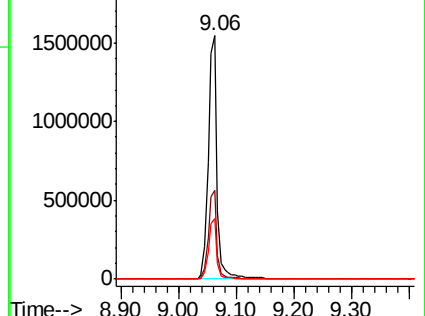
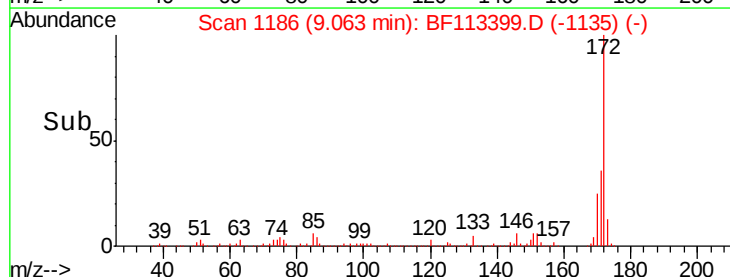
172 100

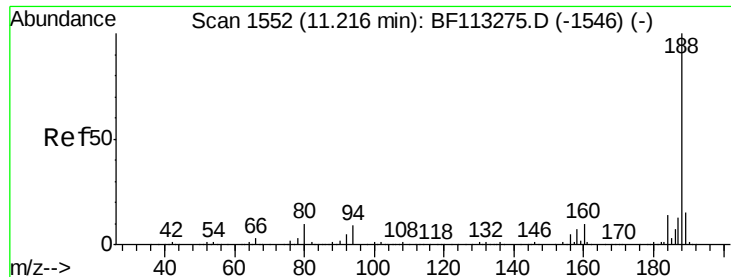
171 36.4 29.0 43.6

170 24.8 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

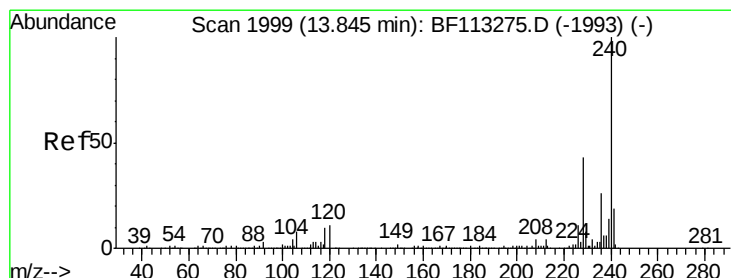
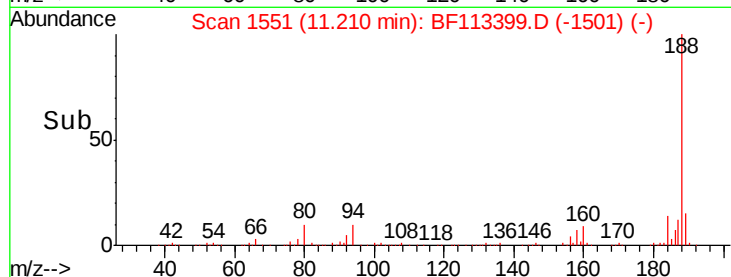
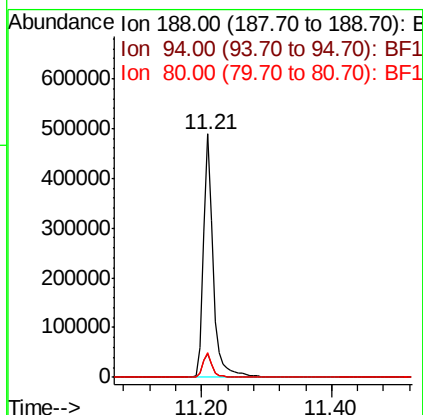
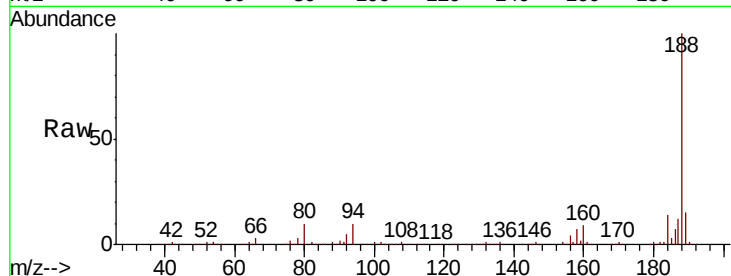




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF113399.D
Acq: 29 Mar 2019 4:38

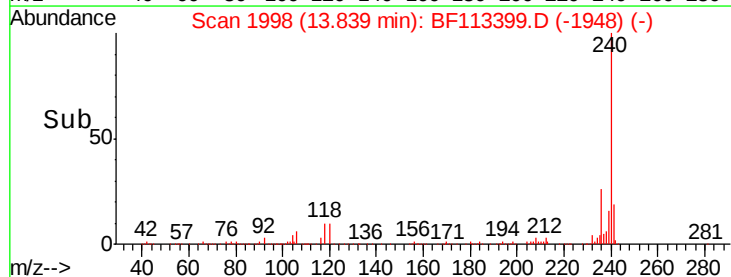
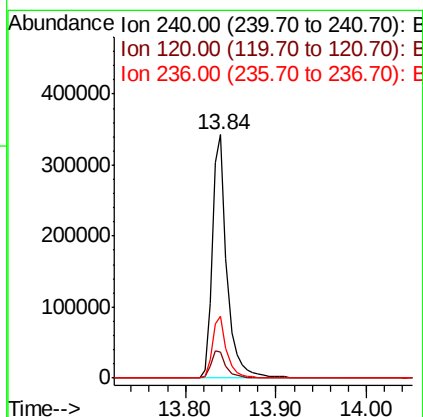
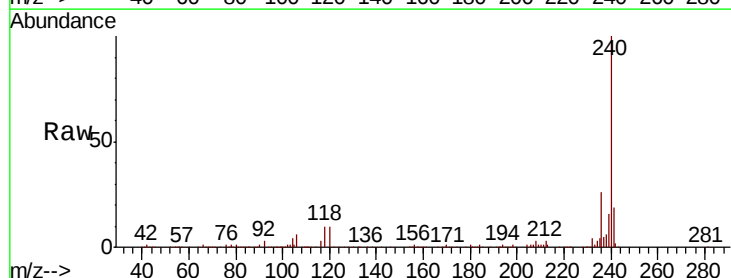
Instrument :
BNA_F
ClientSampleId :
S5(17-25)COMP

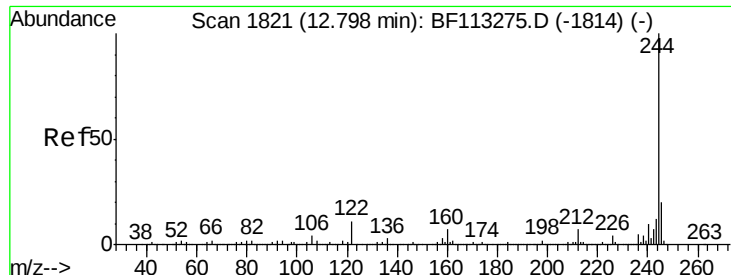
Tot Ion:188 Resp: 508456
Ion Ratio Lower Upper
188 100
94 9.6 7.0 10.6
80 10.3 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF113399.D
Acq: 29 Mar 2019 4:38

Tgt Ion:240 Resp: 383979
Ion Ratio Lower Upper
240 100
120 10.4 8.8 13.2
236 25.6 20.9 31.3

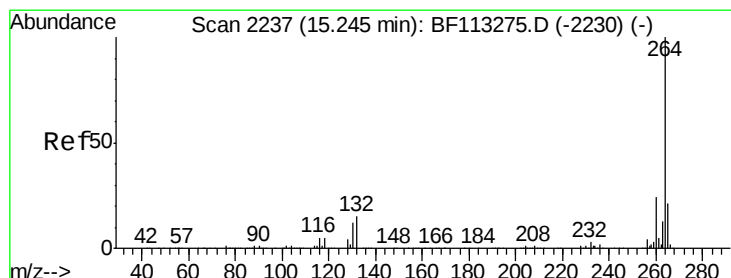
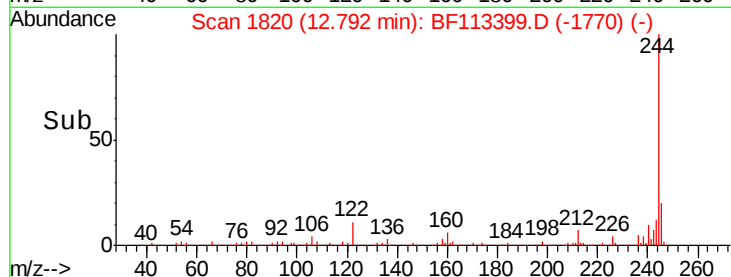
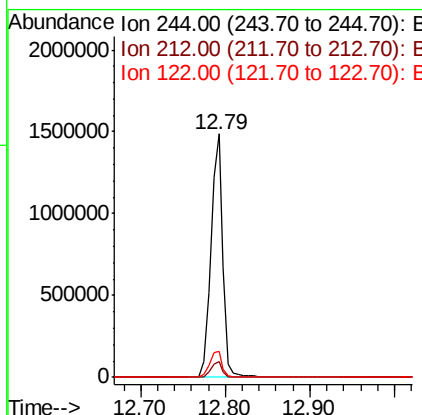
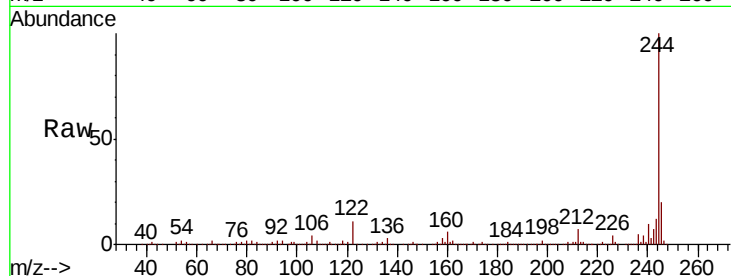




#79
 Terphenyl-d14
 Concen: 85.011 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF113399.D
 Acq: 29 Mar 2019 4:38

Instrument :
 BNA_F
 ClientSampleId :
 S5(17-25)COMP

Tot Ion:244 Resp: 1480935
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.5 8.3
 122 10.8 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: BF113399.D
 Acq: 29 Mar 2019 4:38

Tgt Ion:264 Resp: 396651
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.1 28.7
 265 22.2 17.1 25.7

