

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072919\
 Data File : BF115834.D
 Acq On : 29 Jul 2019 16:14
 Operator : HP/JU
 Sample : K4036-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WS-02

Quant Time: Jul 29 16:50:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 29 16:38:26 2019
 Response via : Initial Calibration

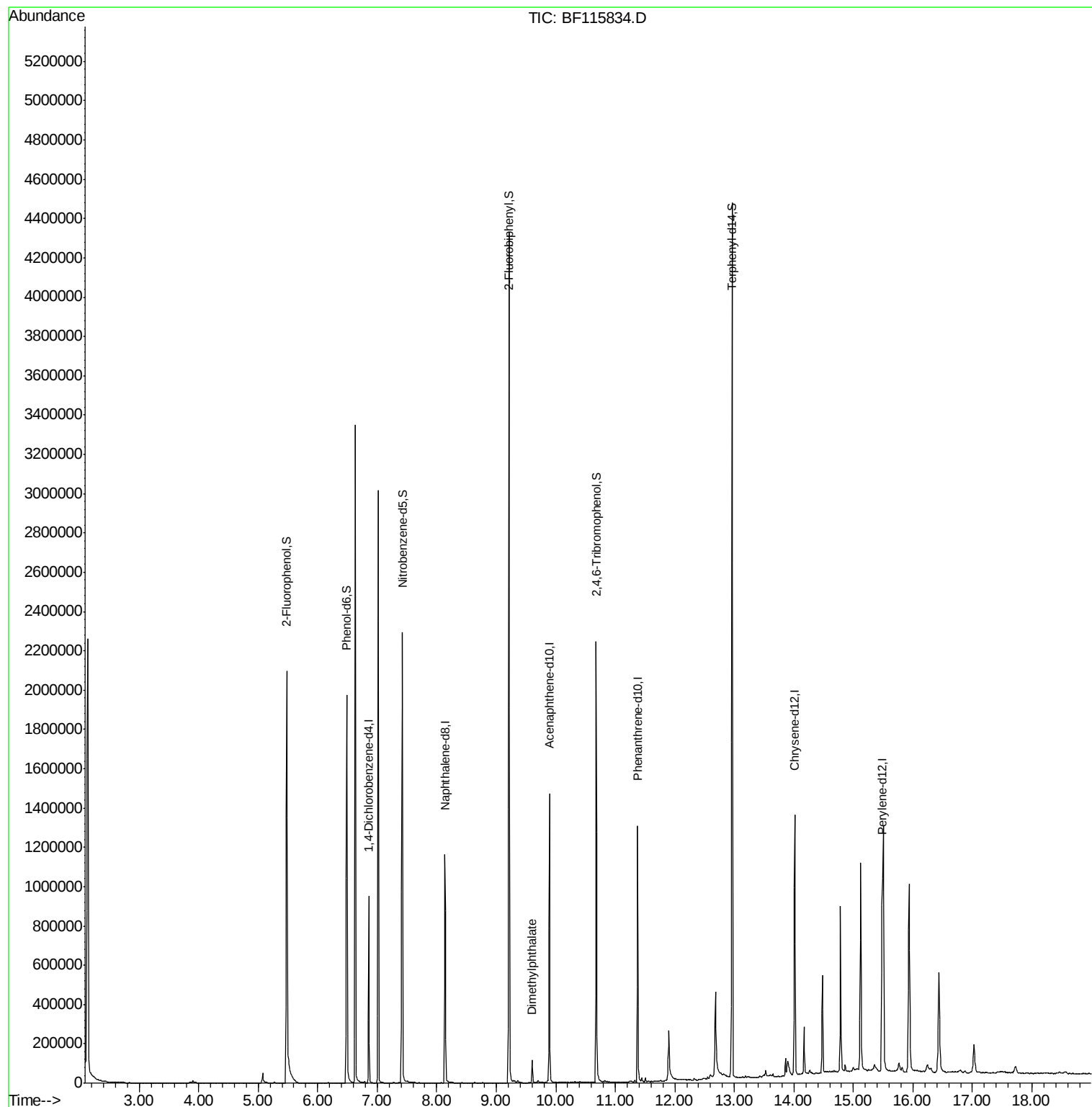
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	137140	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	525185	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	282319	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	513013	20.00	ng	0.00
76) Chrysene-d12	14.02	240	418121	20.00	ng	0.00
87) Perylene-d12	15.48	264	388390	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	717649	85.60	ng	0.00
7) Phenol-d6	6.49	99	714599	67.17	ng	0.00
23) Nitrobenzene-d5	7.42	82	786079	87.03	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	281187	85.33	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1380847	85.61	ng	0.00
79) Terphenyl-d14	12.96	244	1655583	73.06	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.60	163	47521	2.237	ng	Qvalue 99

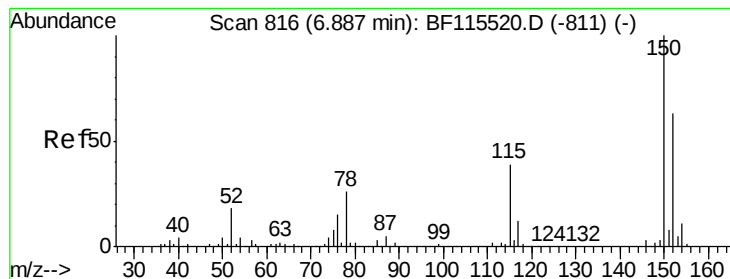
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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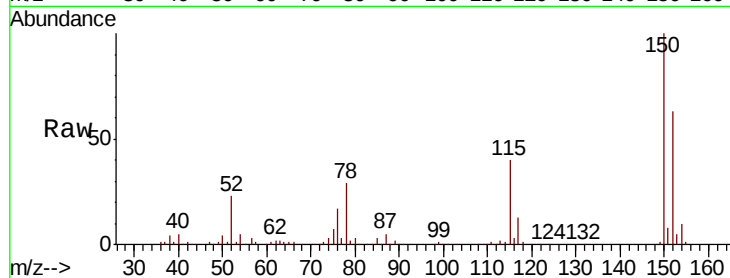


#1

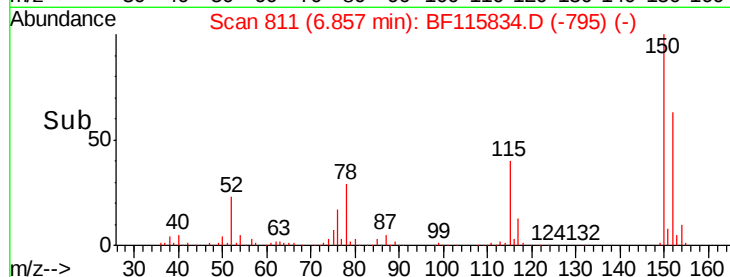
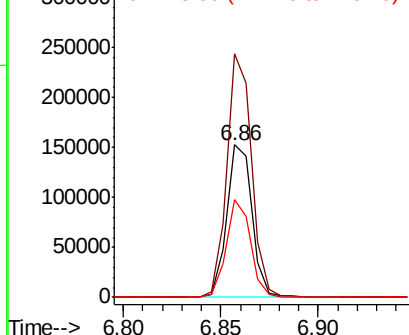
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF115834.D
 Acq: 29 Jul 2019 16:14

Instrument :
 BNA_F
 ClientSampleId :
 WS-02

Tot Ion:152 Resp: 137140
 Ion Ratio Lower Upper
 152 100
 150 159.5 125.3 187.9
 115 64.2 48.2 72.2



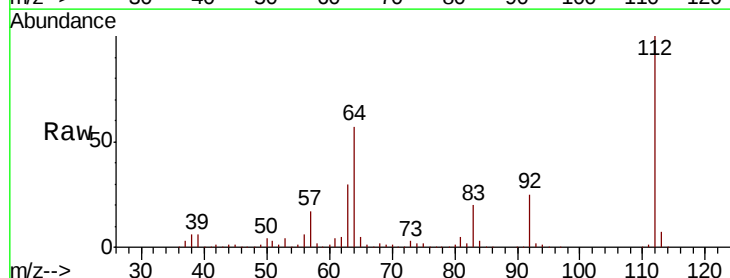
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



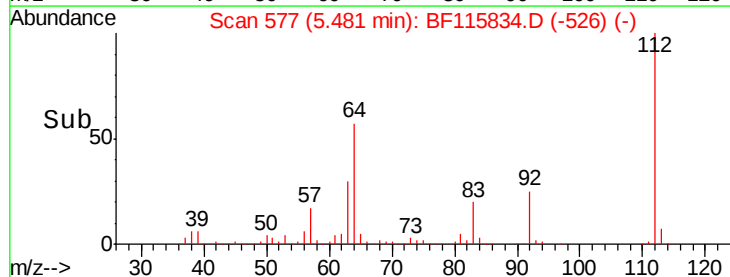
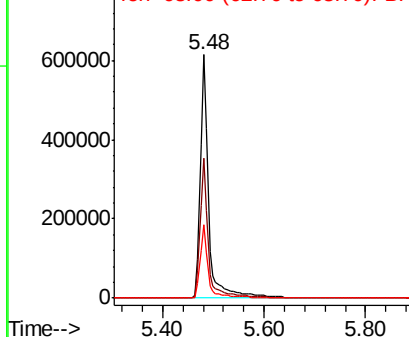
#5

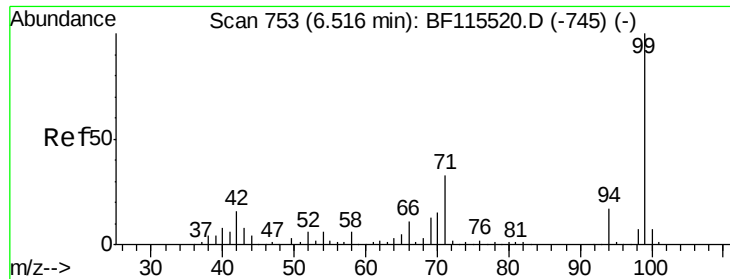
2-Fluorophenol
 Concen: 85.596 ng
 RT: 5.48 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: BF115834.D
 Acq: 29 Jul 2019 16:14

Tgt Ion:112 Resp: 717649
 Ion Ratio Lower Upper
 112 100
 64 57.4 45.5 68.3
 63 30.1 23.7 35.5



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: 67.171 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF115834.D

Acq: 29 Jul 2019 16:14

Instrument :

BNA_F

ClientSampleId :

WS-02

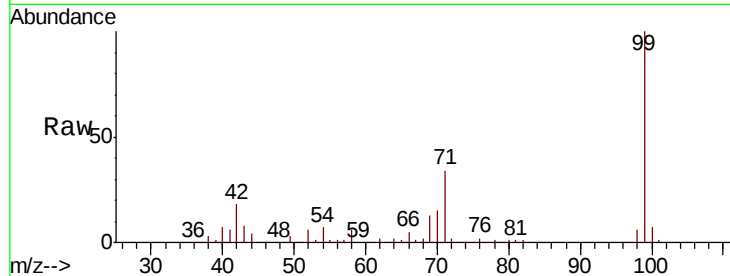
Tot Ion: 99 Resp: 714599

Ion Ratio Lower Upper

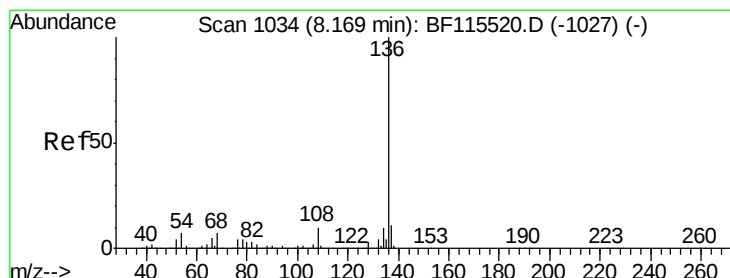
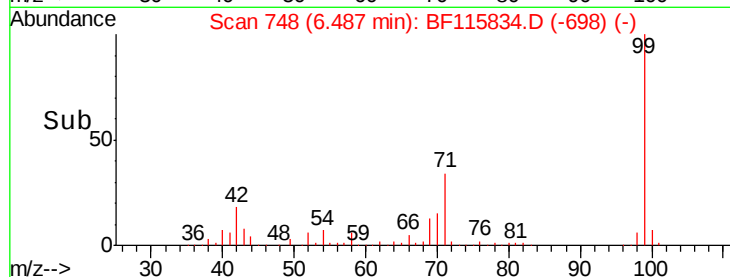
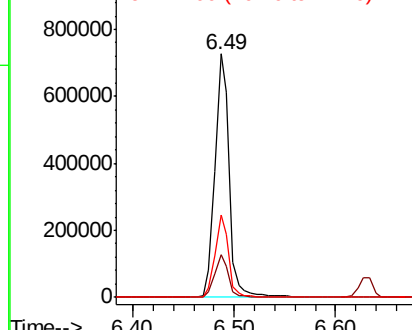
99 100

42 17.6 13.6 20.4

71 33.8 26.5 39.7



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: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF115834.D

Acq: 29 Jul 2019 16:14

Tgt Ion: 136 Resp: 525185

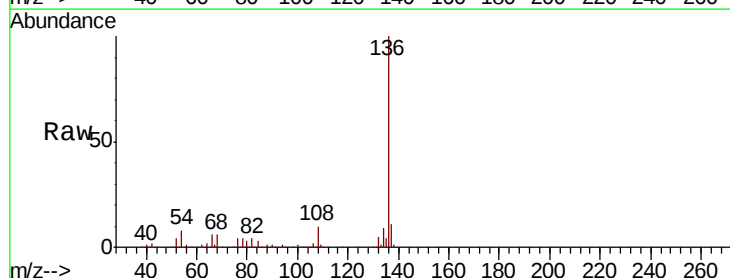
Ion Ratio Lower Upper

136 100

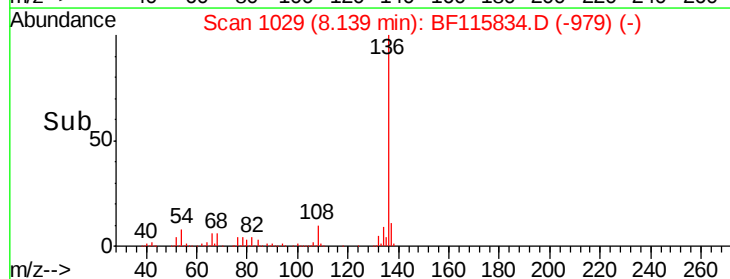
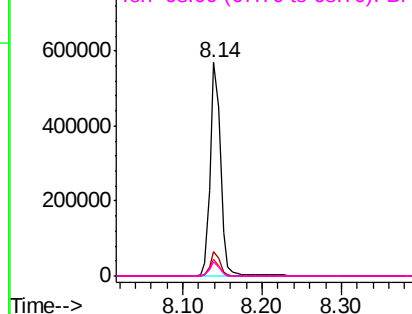
137 11.1 8.8 13.2

54 7.7 5.4 8.2

68 6.4 4.9 7.3



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

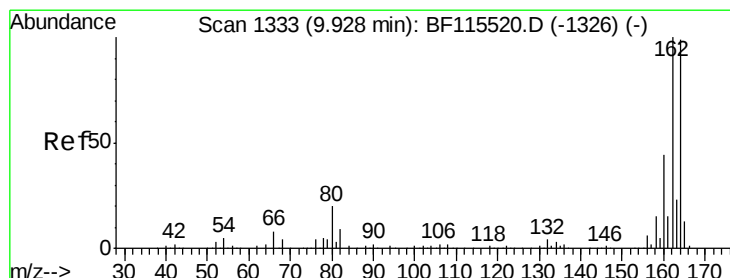
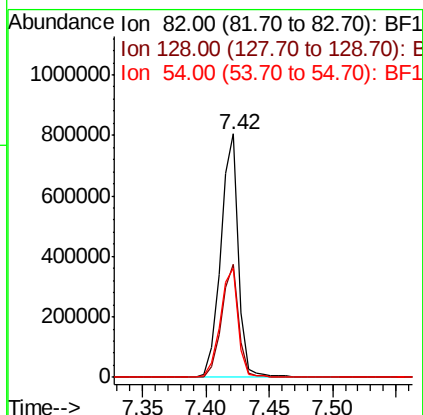
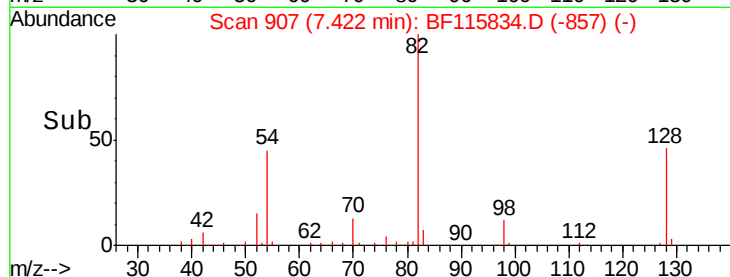
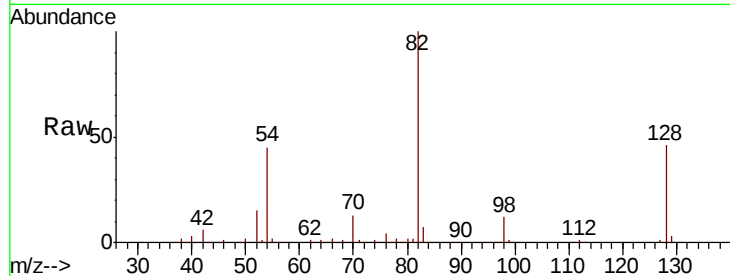




#23
 Nitrobenzene-d5
 Concen: 87.032 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF115834.D
 Acq: 29 Jul 2019 16:14

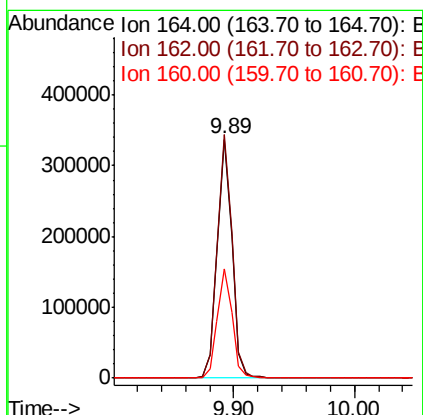
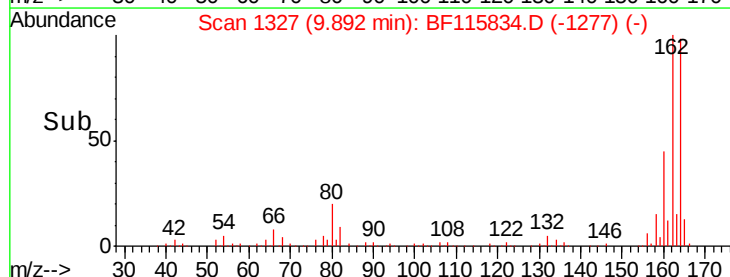
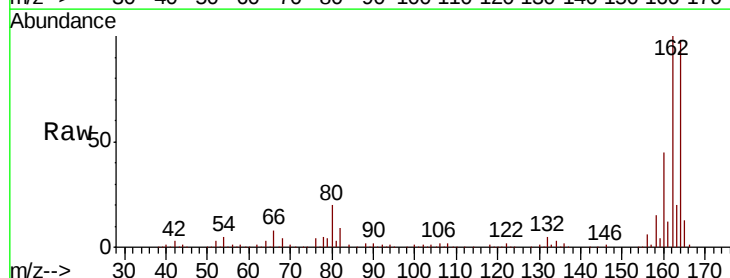
Instrument :
 BNA_F
 ClientSampleId :
 WS-02

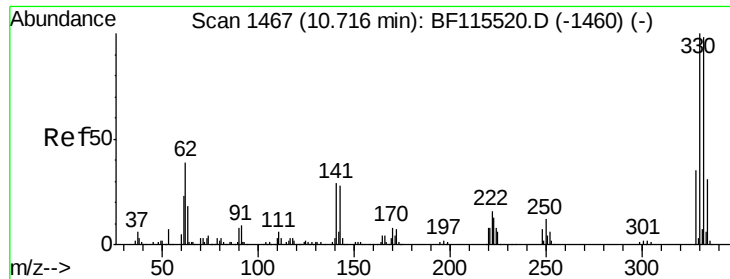
Tot Ion: 82 Resp: 786079
 Ion Ratio Lower Upper
 82 100
 128 46.4 37.9 56.9
 54 44.9 35.4 53.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF115834.D
 Acq: 29 Jul 2019 16:14

Tgt Ion: 164 Resp: 282319
 Ion Ratio Lower Upper
 164 100
 162 101.9 81.5 122.3
 160 45.8 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 85.329 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BF115834.D

Acq: 29 Jul 2019 16:14

Instrument :

BNA_F

ClientSampleId :

WS-02

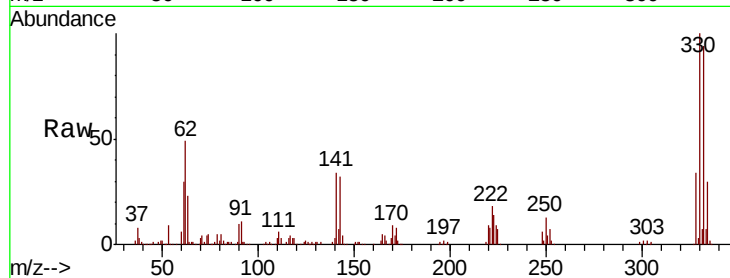
Tot Ion:330 Resp: 281187

Ion Ratio Lower Upper

330 100

332 94.3 76.8 115.2

141 33.7 27.5 41.3

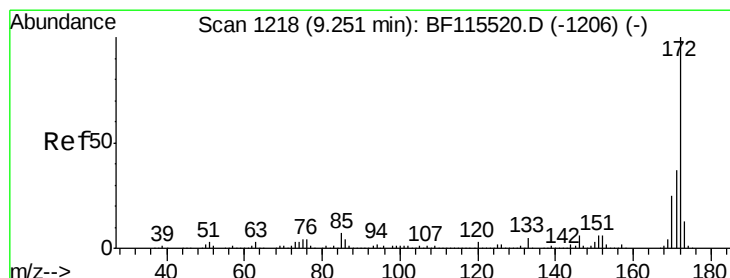
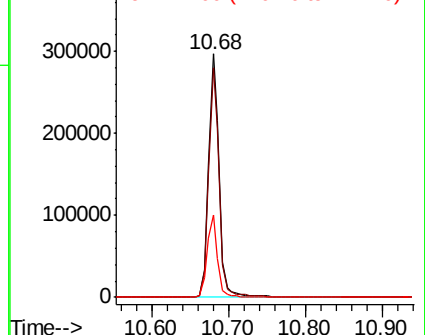
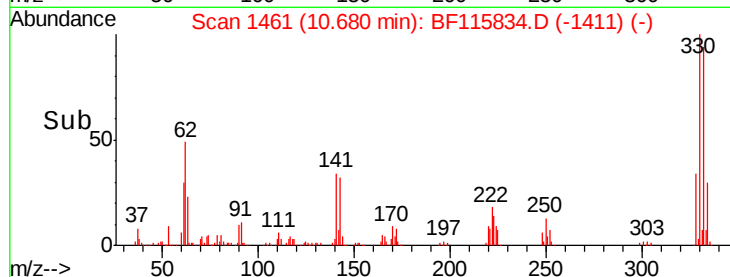


Abundance

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: 85.608 ng

RT: 9.22 min Scan# 1212

Delta R.T. 0.00 min

Lab File: BF115834.D

Acq: 29 Jul 2019 16:14

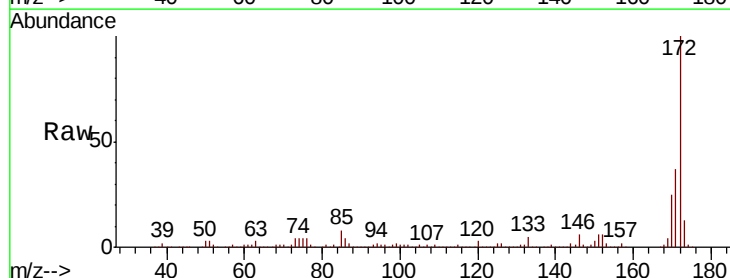
Tgt Ion:172 Resp: 1380847

Ion Ratio Lower Upper

172 100

171 36.8 28.9 43.3

170 25.0 19.9 29.9

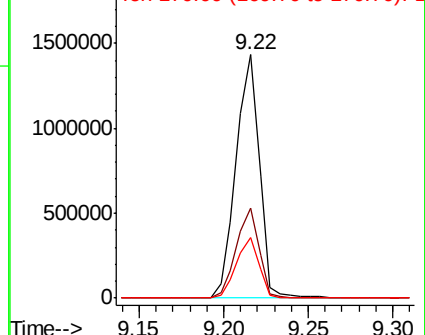
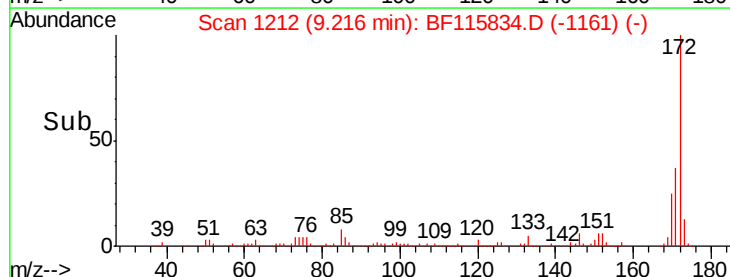


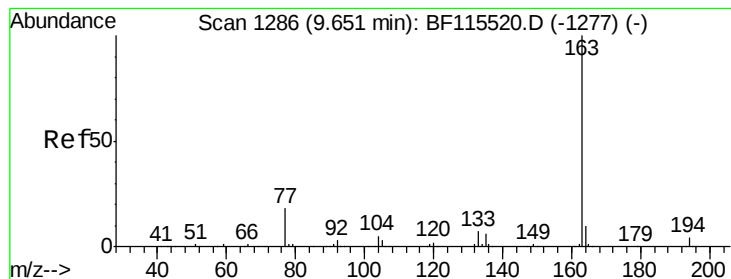
Abundance

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





#50

Dimethylphthalate

Concen: 2.237 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF115834.D

Acq: 29 Jul 2019 16:14

Instrument :

BNA_F

ClientSampleId :

WS-02

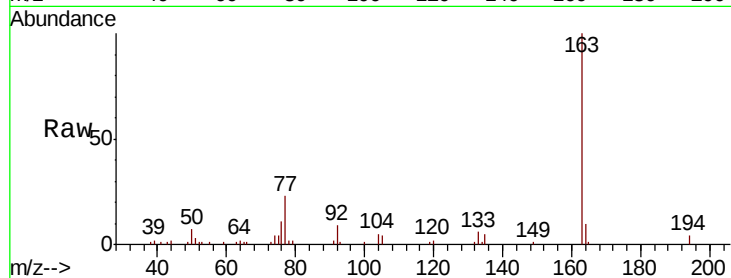
Tot Ion:163 Resp: 47521

Ion Ratio Lower Upper

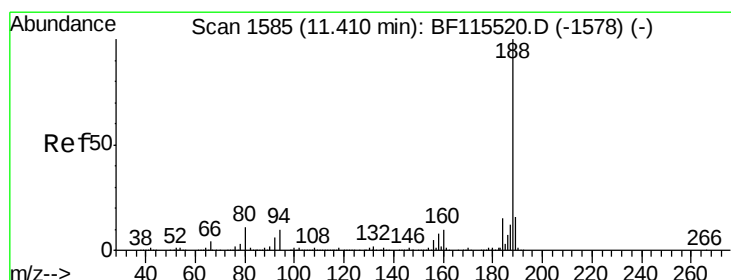
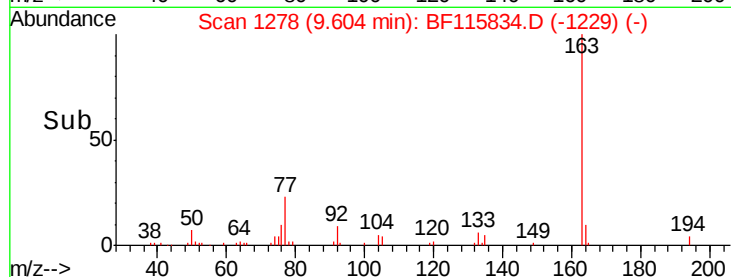
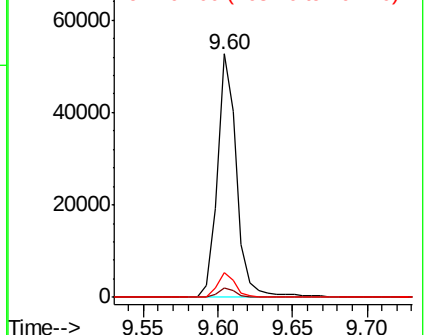
163 100

194 3.7 3.0 4.4

164 10.0 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1579

Delta R.T. -0.01 min

Lab File: BF115834.D

Acq: 29 Jul 2019 16:14

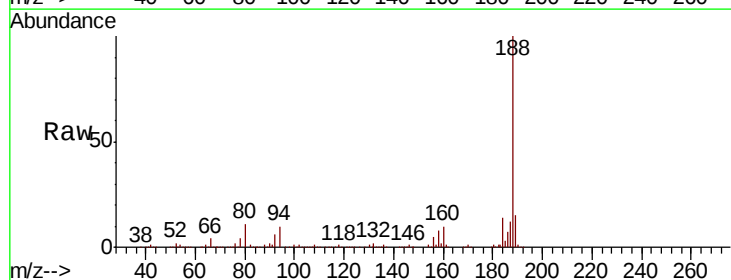
Tgt Ion:188 Resp: 513013

Ion Ratio Lower Upper

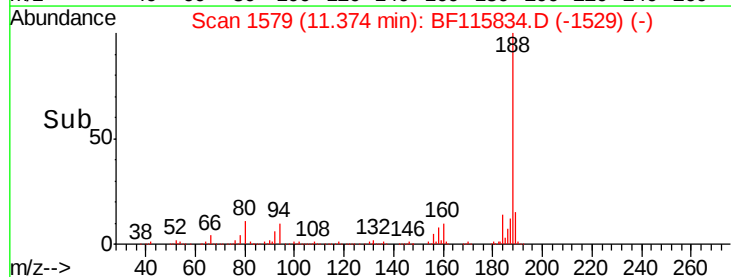
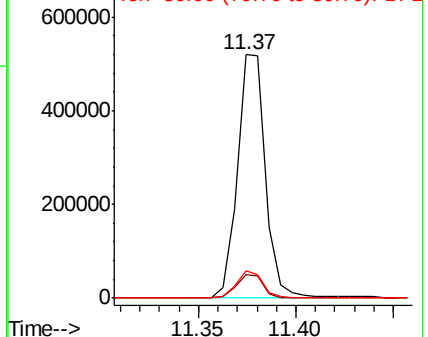
188 100

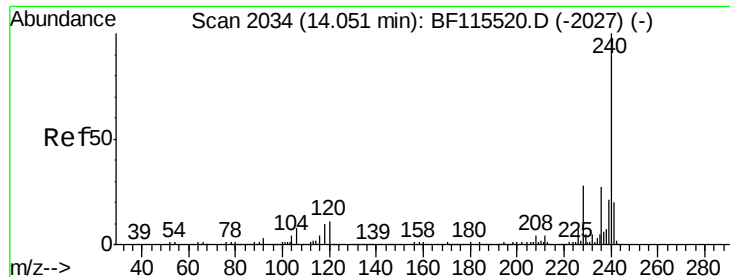
94 9.9 7.7 11.5

80 11.3 8.2 12.2



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

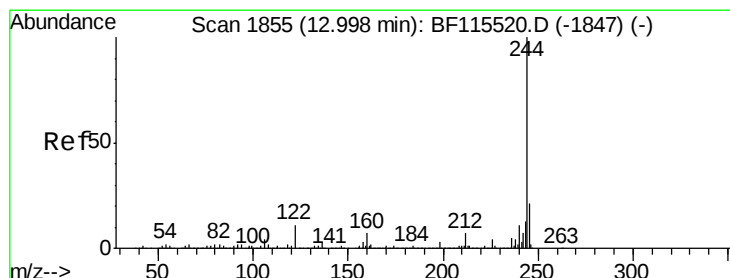
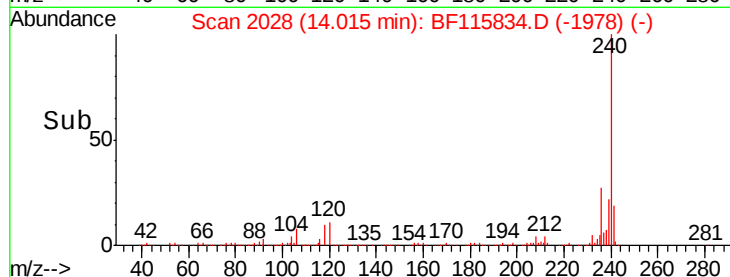
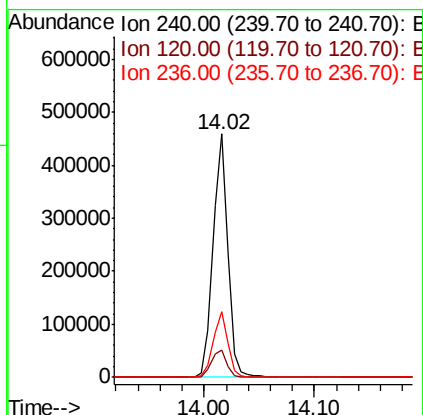
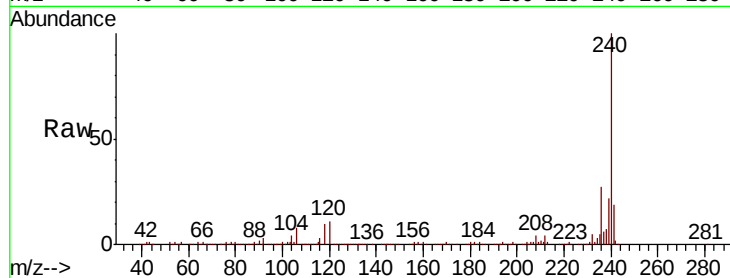




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF115834.D
Acq: 29 Jul 2019 16:14

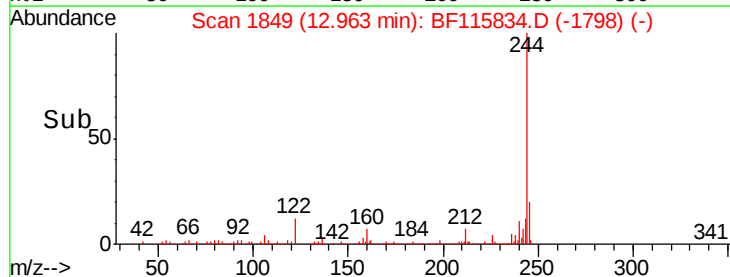
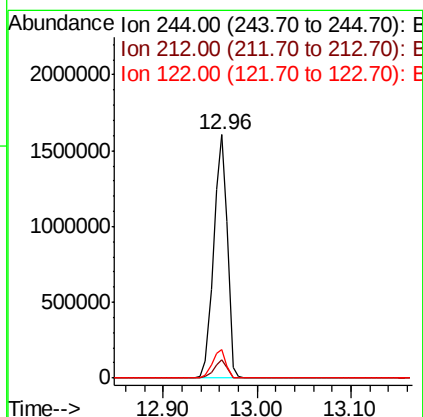
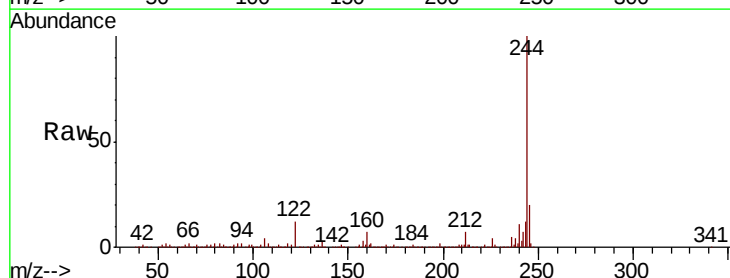
Instrument :
BNA_F
ClientSampleId :
WS-02

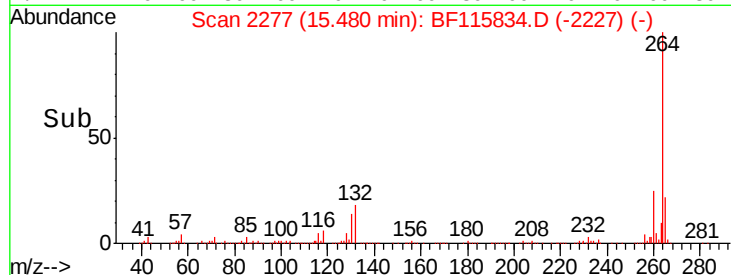
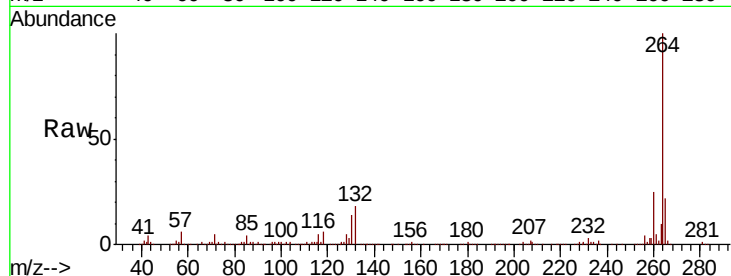
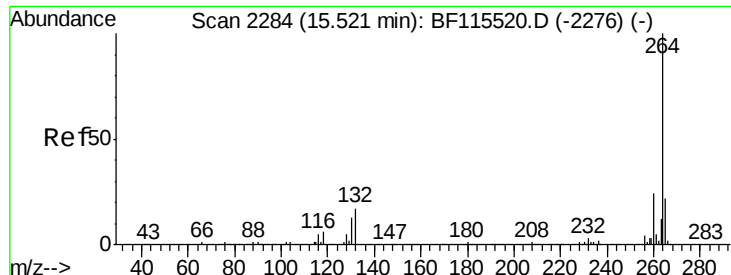
Tot Ion:240 Resp: 418121
Ion Ratio Lower Upper
240 100
120 11.4 9.4 14.0
236 27.2 22.3 33.5



#79
Terphenyl-d14
Concen: 73.061 ng
RT: 12.96 min Scan# 1849
Delta R.T. 0.00 min
Lab File: BF115834.D
Acq: 29 Jul 2019 16:14

Tgt Ion:244 Resp: 1655583
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 11.6 9.3 13.9





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2277
 Delta R.T. -0.01 min
 Lab File: BF115834.D
 Acq: 29 Jul 2019 16:14

Instrument :
 BNA_F
 ClientSampleId :
 WS-02

Tot Ion:	264	Resp:	388390
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.8	29.6
265	21.7	17.7	26.5

