

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041519\
 Data File : BF113771.D
 Acq On : 15 Apr 2019 19:07
 Operator : JU/SJ
 Sample : K2199-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-041219-B

Quant Time: Apr 16 00:14:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

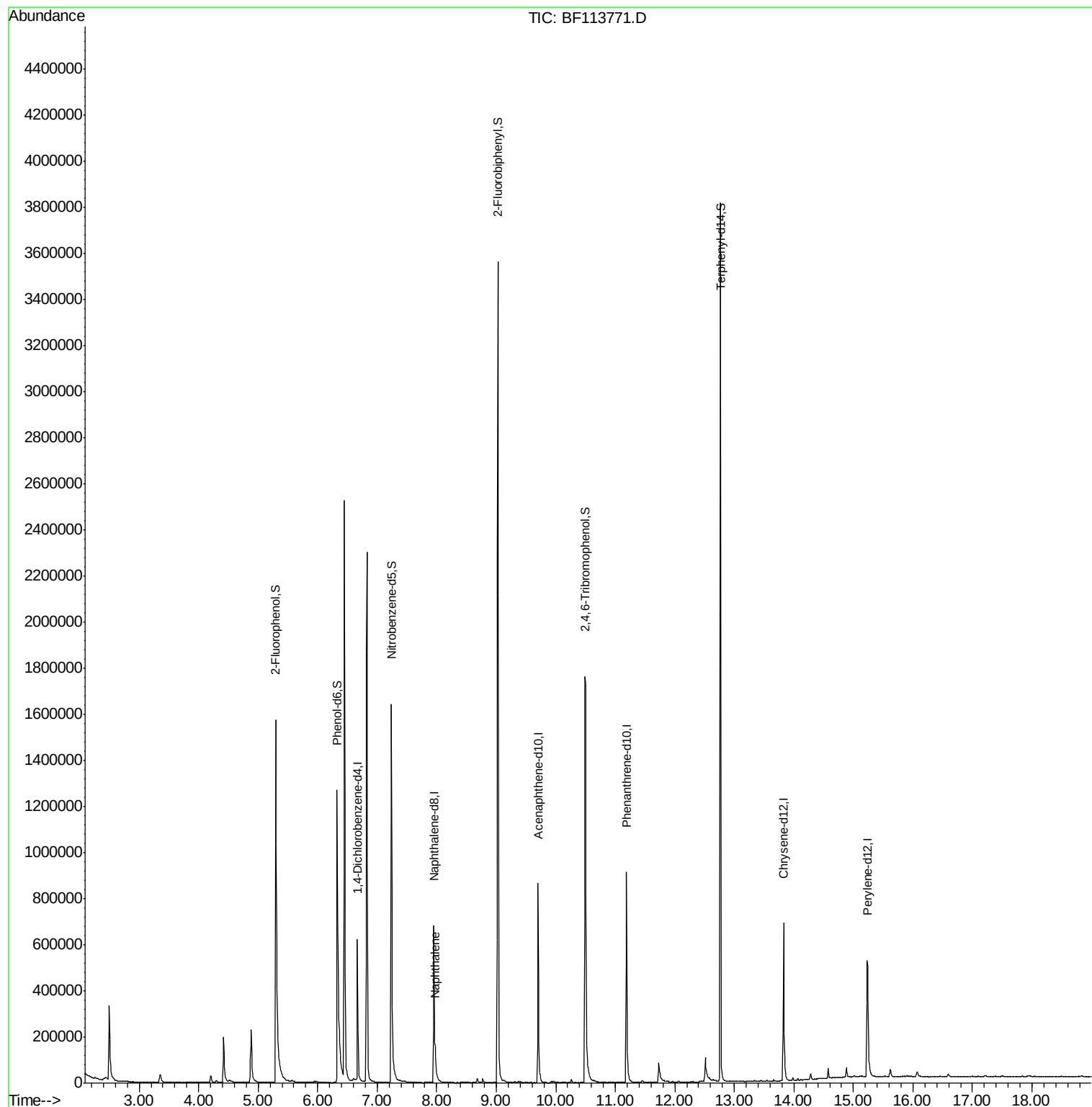
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	109584	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	411876	20.00	ng	-0.02
39) Acenaphthene-d10	9.70	164	201321	20.00	ng	-0.02
64) Phenanthrene-d10	11.19	188	424181	20.00	ng	-0.02
76) Chrysene-d12	13.83	240	319367	20.00	ng	-0.02
87) Perylene-d12	15.24	264	311286	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	718802	111.85	ng	0.00
7) Phenol-d6	6.33	99	819440	103.46	ng	-0.01
23) Nitrobenzene-d5	7.24	82	643680	91.54	ng	-0.02
42) 2,4,6-Tribromophenol	10.50	330	345179	142.73	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	1238090	99.01	ng	-0.02
79) Terphenyl-d14	12.77	244	1434513	91.45	ng	-0.02
Target Compounds						
31) Naphthalene	7.97	128	55144	2.763	ng	Qvalue 99

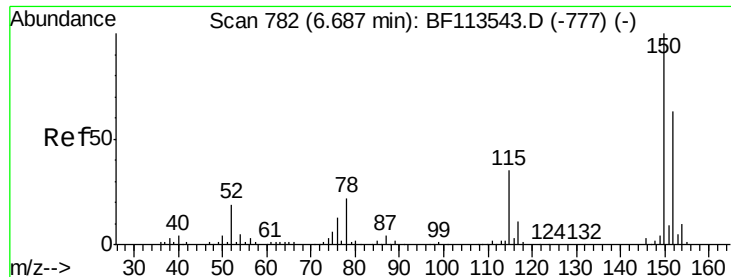
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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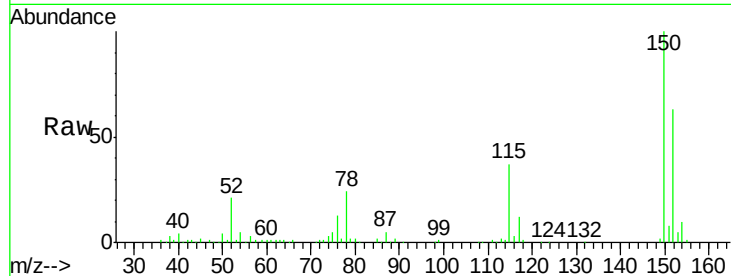


#1

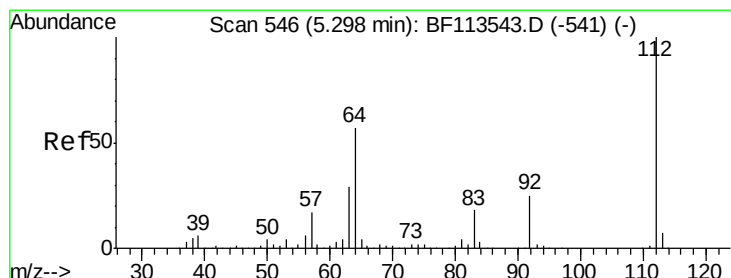
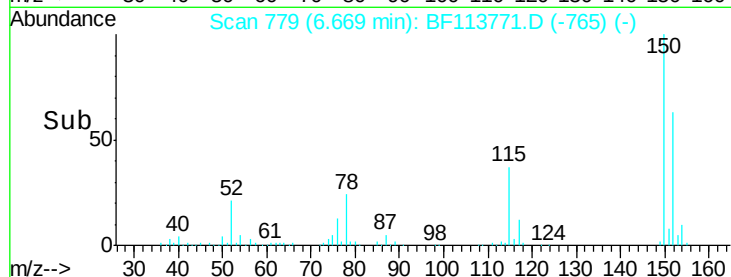
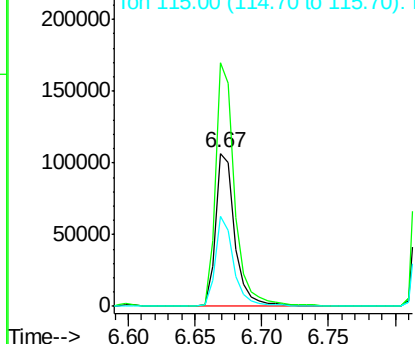
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.67 min Scan# 779
 Delta R.T. -0.02 min
 Lab File: BF113771.D
 Acq: 15 Apr 2019 19:07

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-041219-B

Tgt Ion:152 Resp: 109584
 Ion Ratio Lower Upper
 152 100
 150 159.1 124.7 187.1
 115 58.6 46.0 69.0



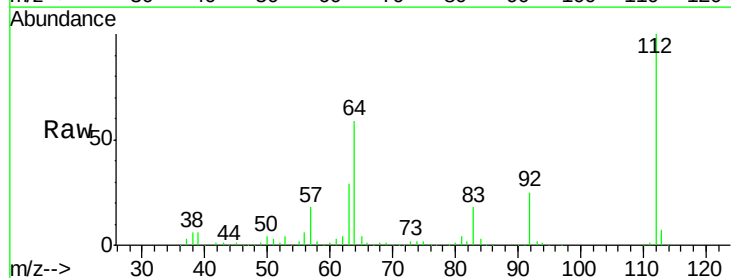
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



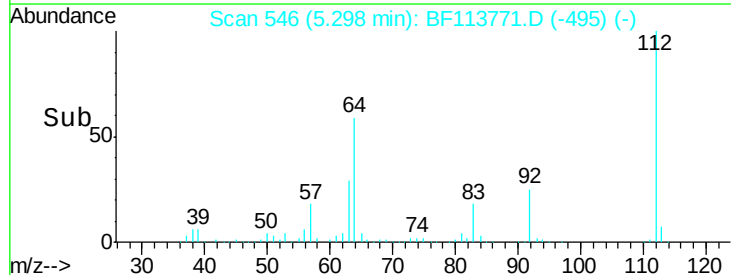
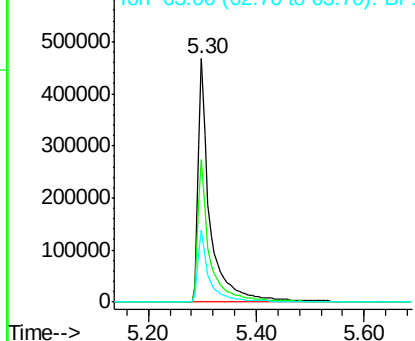
#5

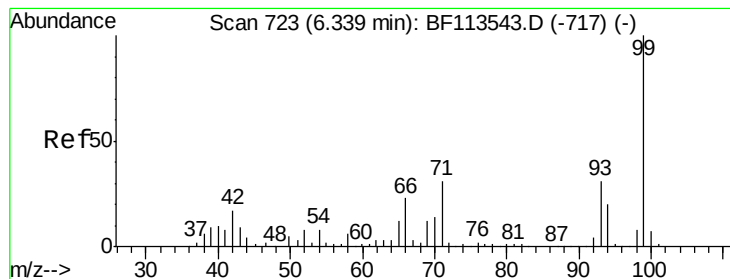
2-Fluorophenol
 Concen: 111.852 ng
 RT: 5.30 min Scan# 546
 Delta R.T. -0.00 min
 Lab File: BF113771.D
 Acq: 15 Apr 2019 19:07

Tgt Ion:112 Resp: 718802
 Ion Ratio Lower Upper
 112 100
 64 58.7 49.2 73.8
 63 29.4 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: 103.458 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF113771.D

Acq: 15 Apr 2019 19:07

Instrument :

BNA_F

ClientSampleId :

OR-02-041219-B

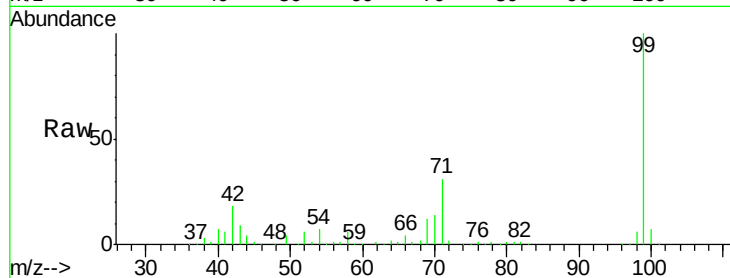
Tgt Ion: 99 Resp: 819440

Ion Ratio Lower Upper

99 100

42 17.9 14.8 22.2

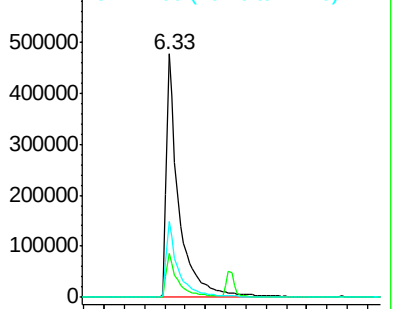
71 31.4 24.9 37.3



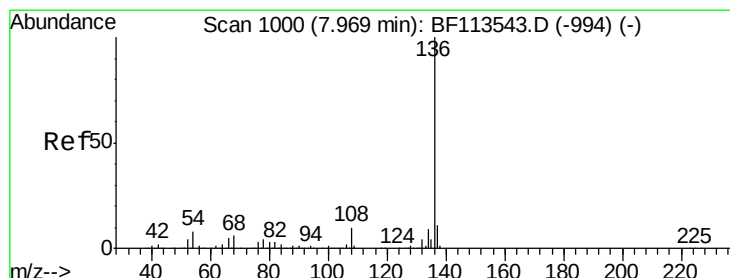
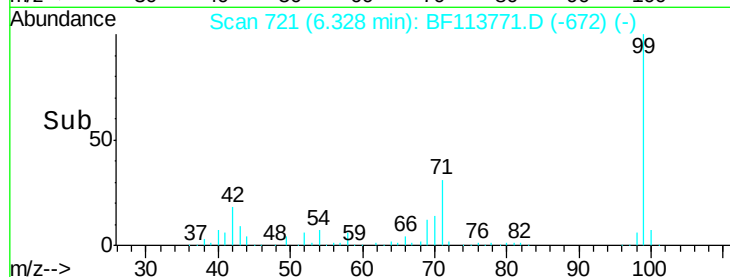
Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.02 min

Lab File: BF113771.D

Acq: 15 Apr 2019 19:07

Tgt Ion: 136 Resp: 411876

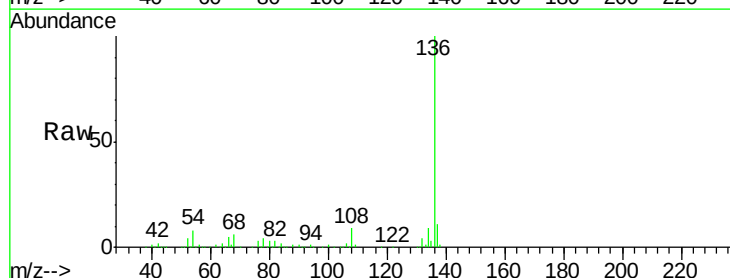
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.2 7.0 10.6

68 5.7 4.8 7.2

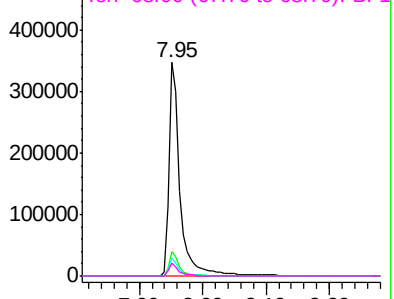


Abundance Ion 136.00 (135.70 to 136.70): E

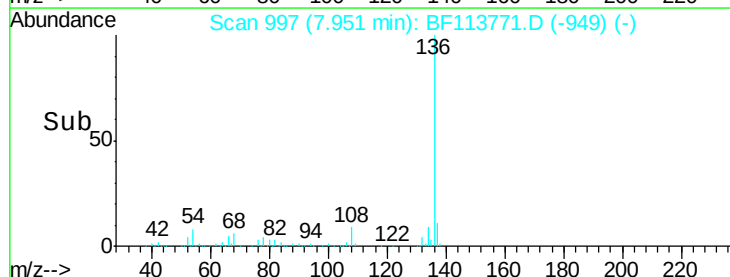
Ion 137.00 (136.70 to 137.70): E

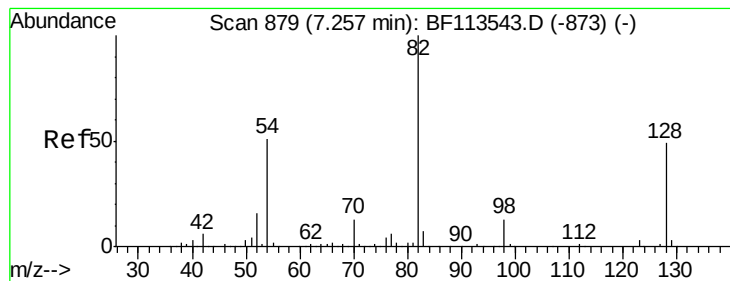
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->





#23

Nitrobenzene-d5

Concen: 91.541 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.02 min

Lab File: BF113771.D

Acq: 15 Apr 2019 19:07

Instrument :

BNA_F

ClientSampleId :

OR-02-041219-B

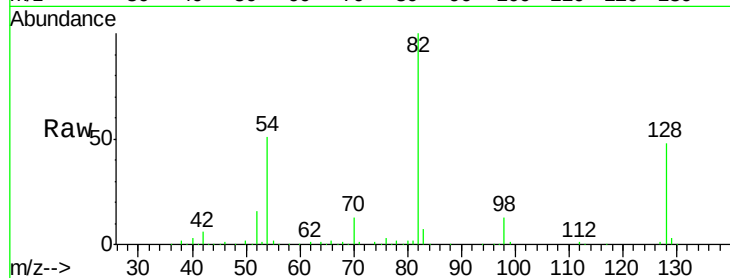
Tgt Ion: 82 Resp: 643680

Ion Ratio Lower Upper

82 100

128 48.0 36.5 54.7

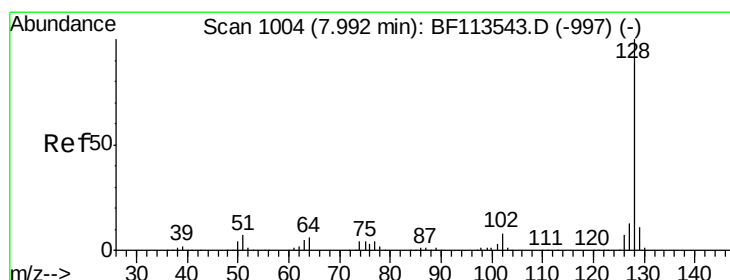
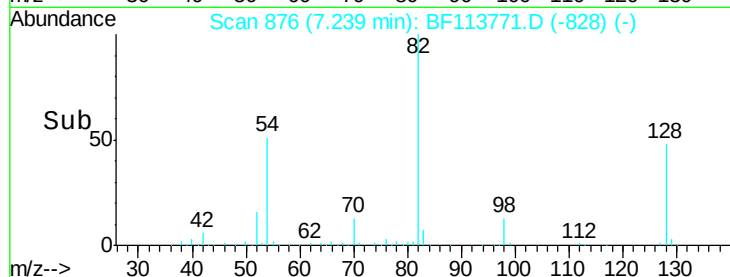
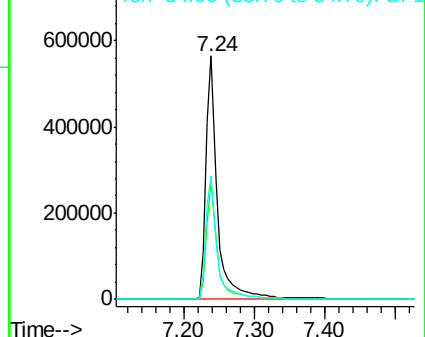
54 50.5 42.2 63.2



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



#31

Naphthalene

Concen: 2.763 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.02 min

Lab File: BF113771.D

Acq: 15 Apr 2019 19:07

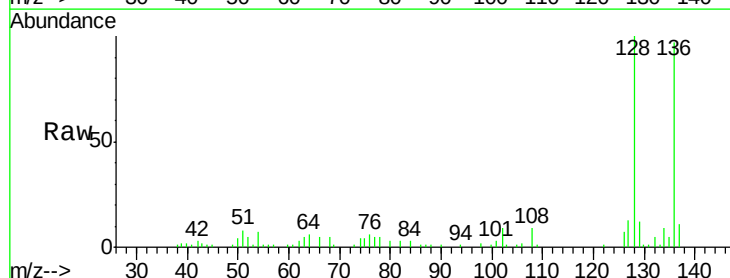
Tgt Ion: 128 Resp: 55144

Ion Ratio Lower Upper

128 100

129 11.5 9.3 13.9

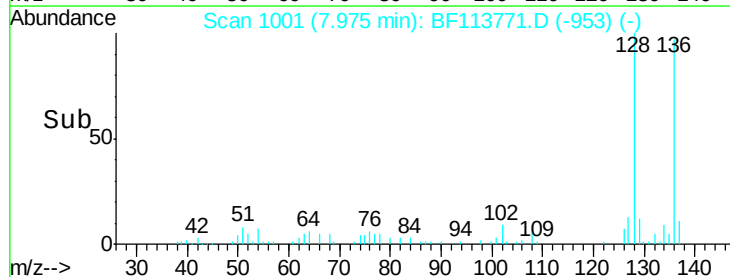
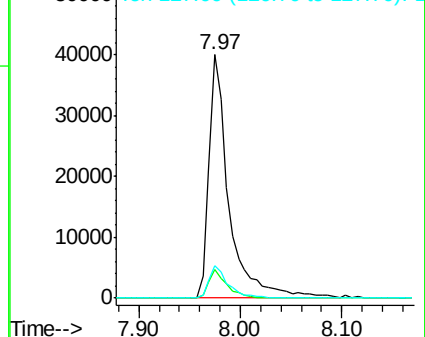
127 13.3 10.9 16.3

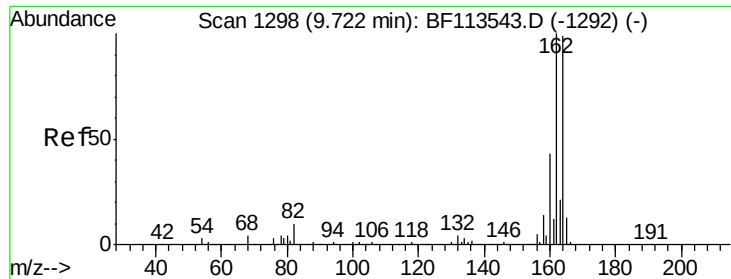


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

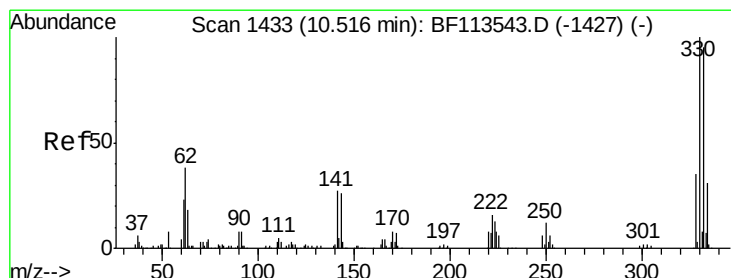
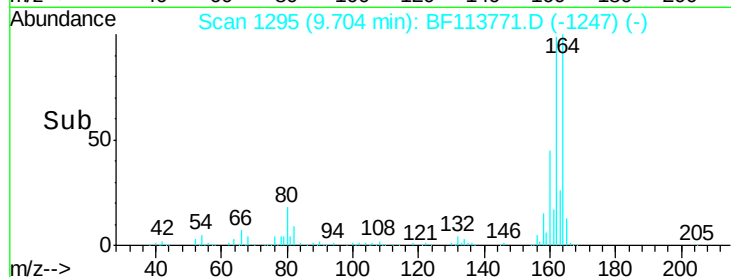
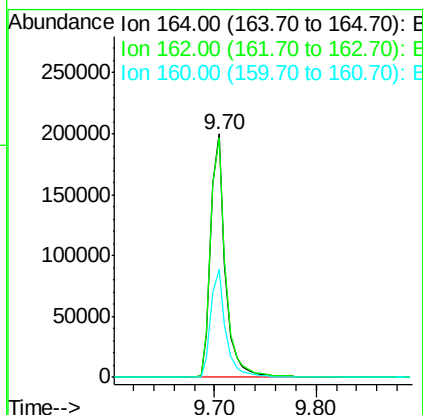
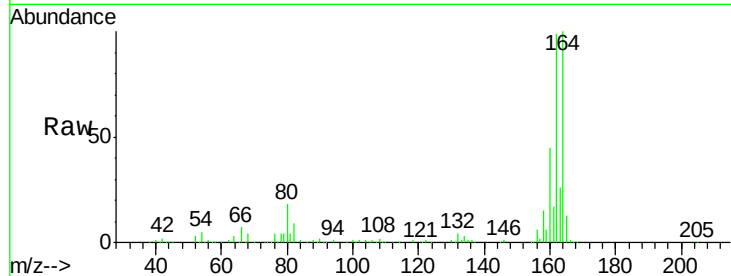




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BF113771.D
Acq: 15 Apr 2019 19:07

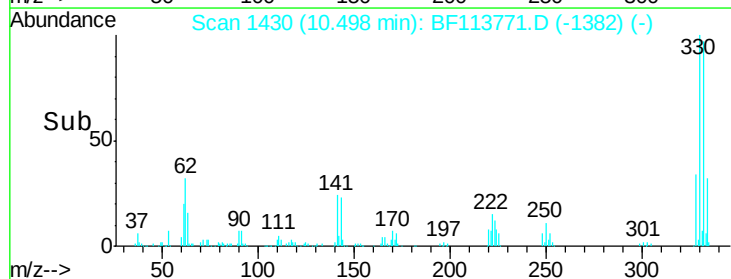
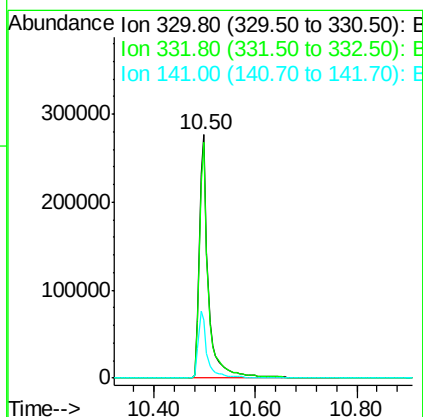
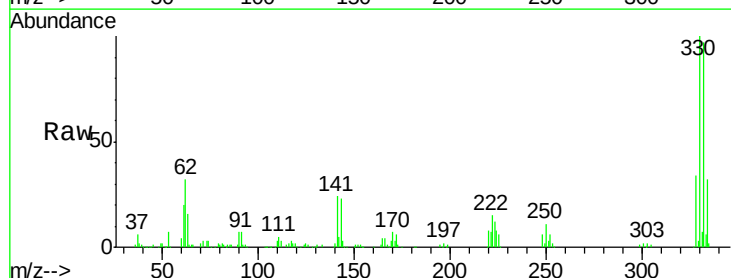
Instrument :
BNA_F
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OR-02-041219-B

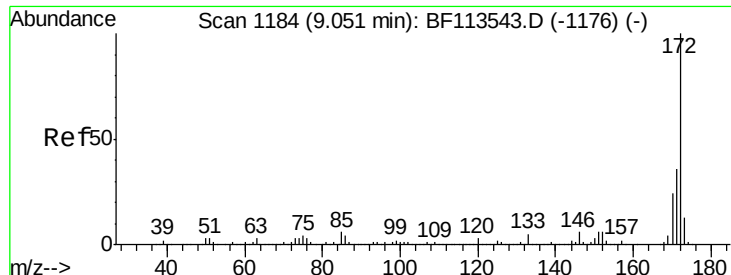
Tgt Ion:164 Resp: 201321
Ion Ratio Lower Upper
164 100
162 98.7 81.8 122.6
160 44.5 36.4 54.6



#42
2,4,6-Tribromophenol
Concen: 142.733 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BF113771.D
Acq: 15 Apr 2019 19:07

Tgt Ion:330 Resp: 345179
Ion Ratio Lower Upper
330 100
332 96.8 77.8 116.6
141 27.4 22.7 34.1

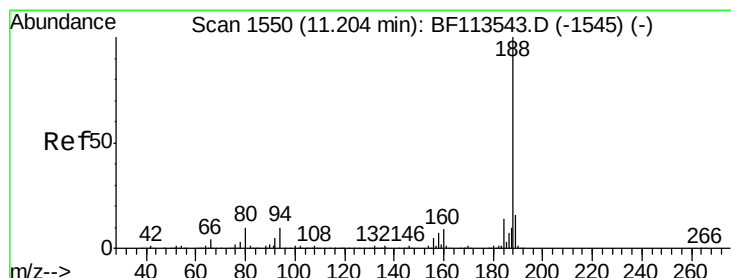
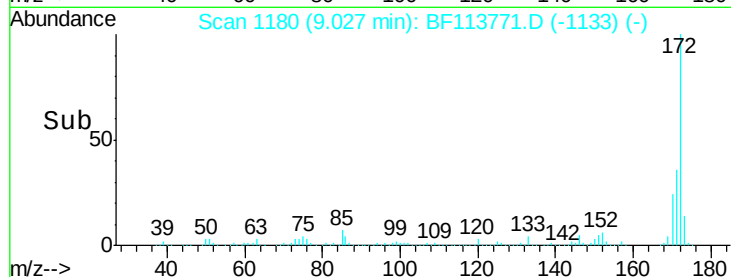
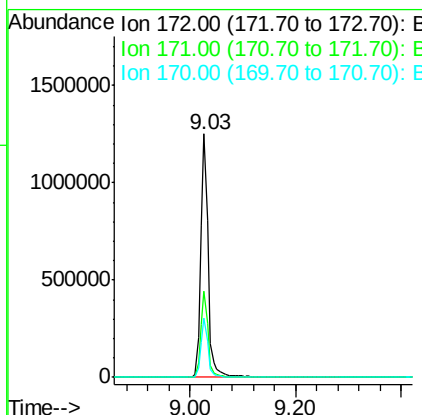
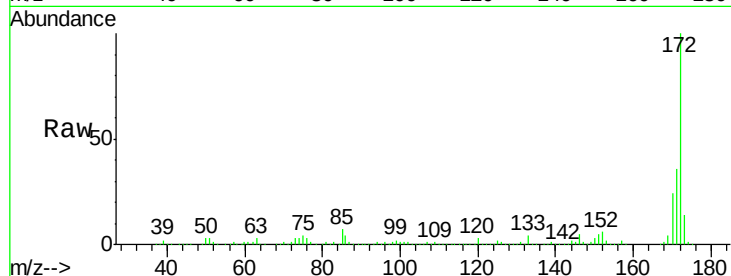




#45
2-Fluorobiphenyl
Concen: 99.006 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.02 min
Lab File: BF113771.D
Acq: 15 Apr 2019 19:07

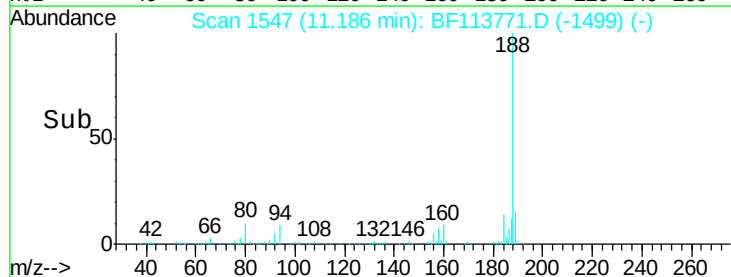
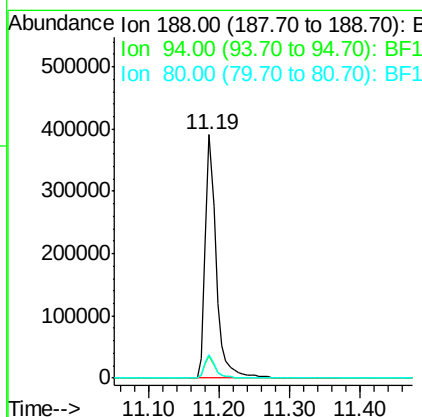
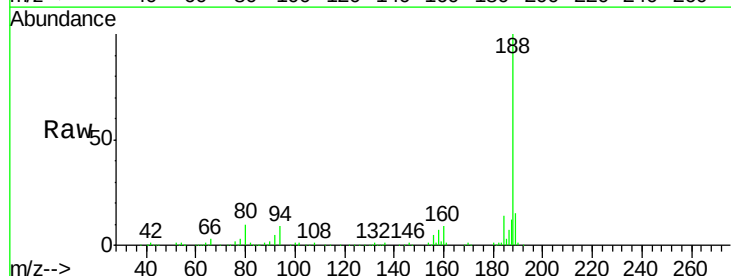
Instrument :
BNA_F
ClientSampleId :
OR-02-041219-B

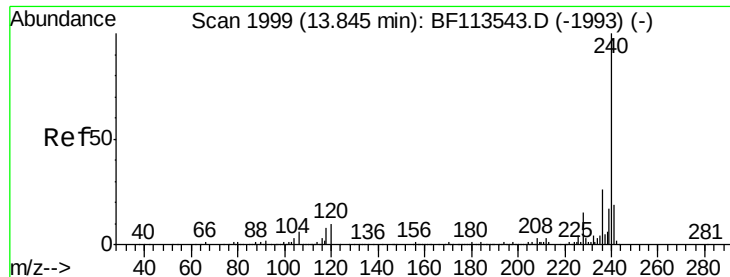
Tgt Ion:172 Resp: 1238090
Ion Ratio Lower Upper
172 100
171 35.5 29.0 43.6
170 24.1 19.5 29.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF113771.D
Acq: 15 Apr 2019 19:07

Tgt Ion:188 Resp: 424181
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.6
80 9.5 7.7 11.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.02 min

Lab File: BF113771.D

Acq: 15 Apr 2019 19:07

Instrument :

BNA_F

ClientSampleId :

OR-02-041219-B

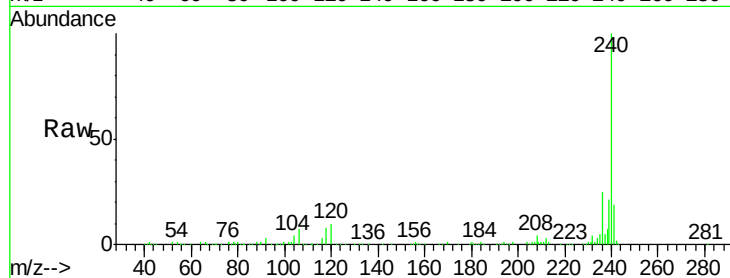
Tgt Ion:240 Resp: 319367

Ion Ratio Lower Upper

240 100

120 10.3 8.8 13.2

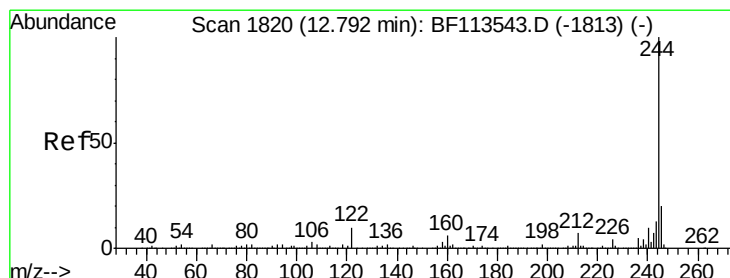
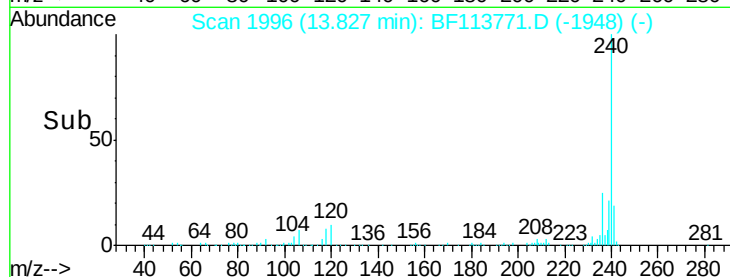
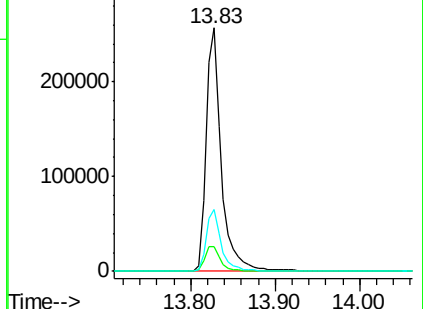
236 25.2 20.9 31.3



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: 91.452 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.02 min

Lab File: BF113771.D

Acq: 15 Apr 2019 19:07

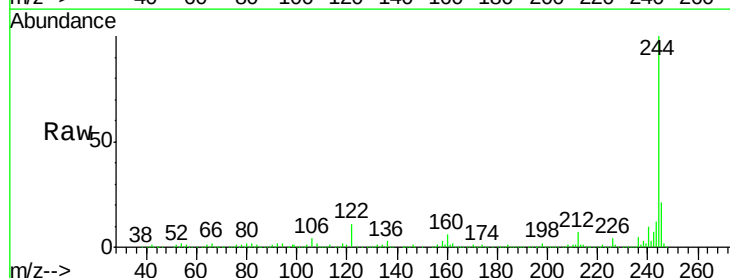
Tgt Ion:244 Resp: 1434513

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

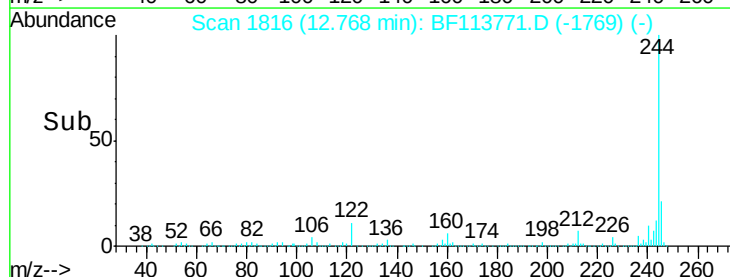
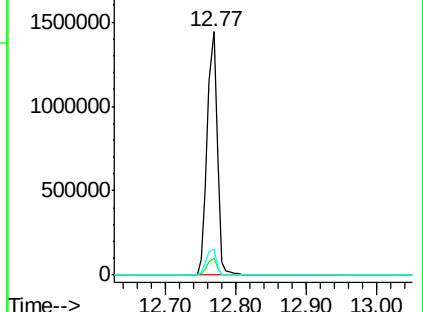
122 10.7 8.6 13.0

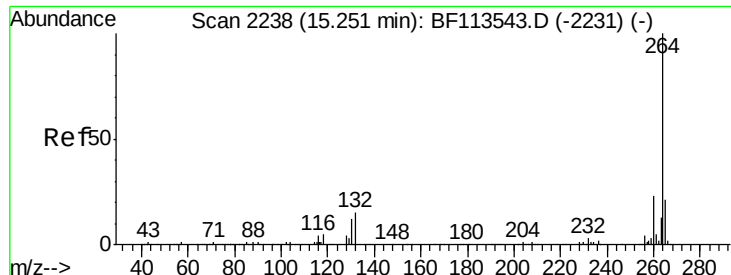


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

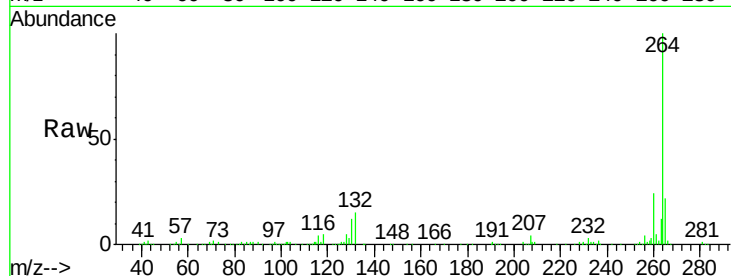




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BF113771.D
Acq: 15 Apr 2019 19:07

Instrument :
BNA_F
ClientSampleId :
OR-02-041219-B

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.1	28.7
265	22.1	17.1	25.7



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

