

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110116\
 Data File : BF090956.D
 Acq On : 1 Nov 2016 17:43
 Operator : UM/SJ
 Sample : H5478-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SD-3

Quant Time: Nov 02 01:30:03 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 01 11:53:50 2016
 Response via : Initial Calibration

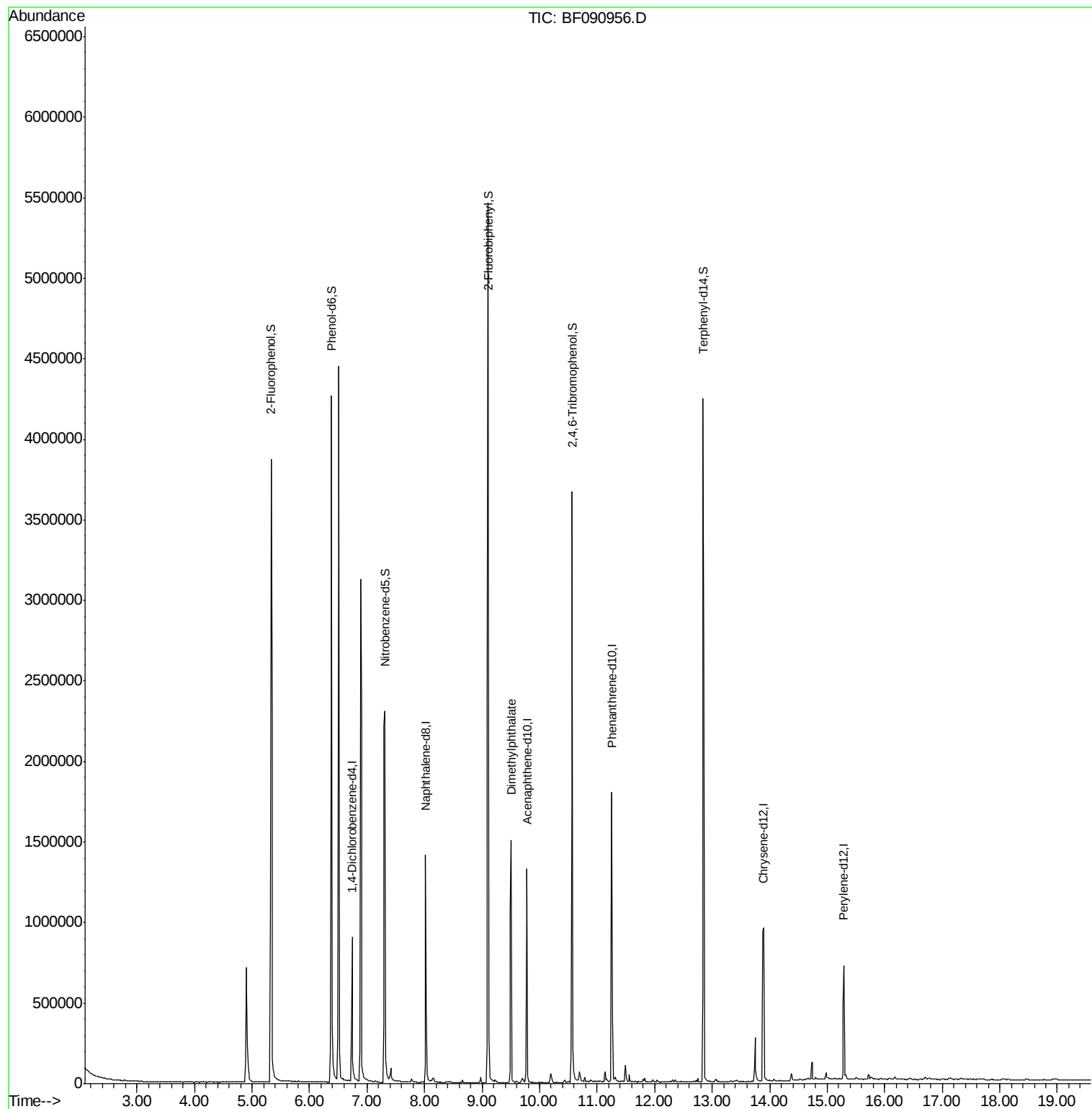
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	164077	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	689546	20.00	ng	-0.02
38) Acenaphthene-d10	9.78	164	383241	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	629714	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	478111	20.00	ng	-0.01
86) Perylene-d12	15.29	264	322959	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1511758	161.09	ng	0.00
7) Phenol-d6	6.38	99	1835002	144.94	ng	-0.01
23) Nitrobenzene-d5	7.31	82	1334981	126.74	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	498656	126.61	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	1869864	85.68	ng	-0.01
78) Terphenyl-d14	12.84	244	1764420	92.98	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.50	163	839509	32.79	ng	Qvalue # 97

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF090956.D

Acq: 1 Nov 2016 17:43

Instrument :

BNA_F

ClientSampleID :

SD-3

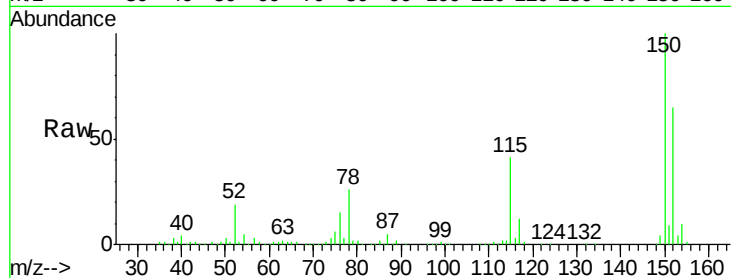
Tot Ion:152 Resp: 164077

Ion Ratio Lower Upper

152 100

150 153.1 124.7 187.1

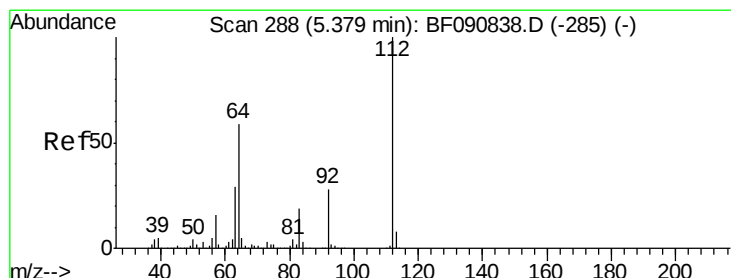
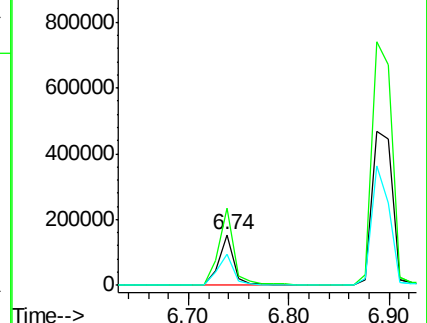
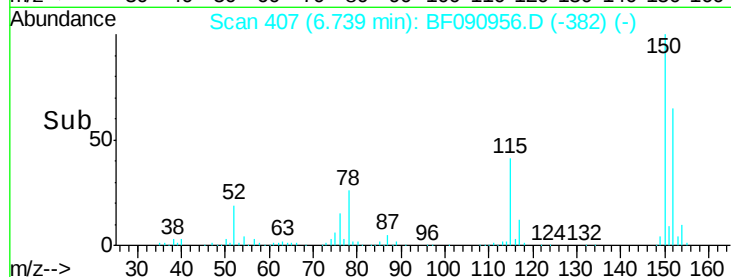
115 62.2 39.0 58.4#



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: 161.09 ng

RT: 5.33 min Scan# 284

Delta R.T. -0.00 min

Lab File: BF090956.D

Acq: 1 Nov 2016 17:43

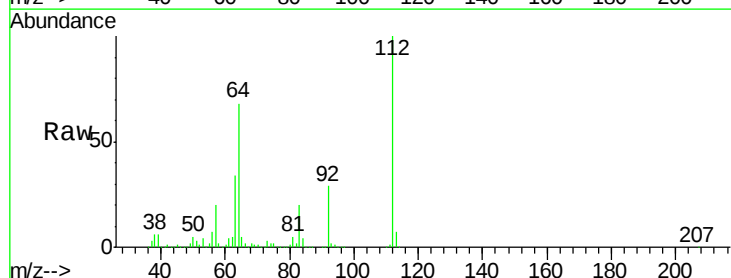
Tgt Ion:112 Resp: 1511758

Ion Ratio Lower Upper

112 100

64 67.7 39.7 59.5#

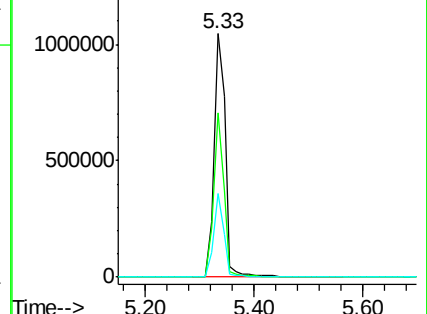
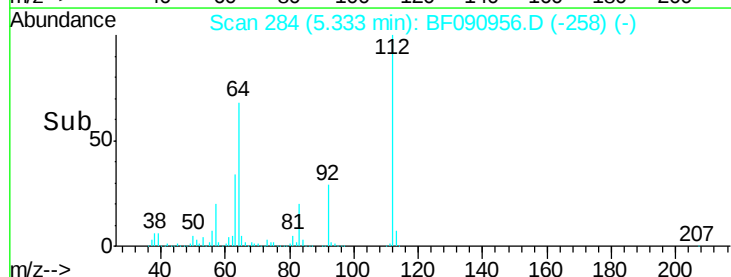
63 34.1 17.4 26.0#

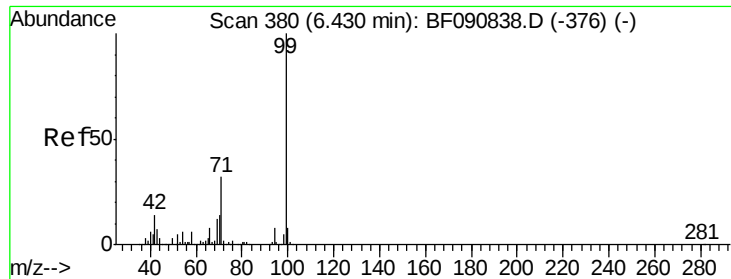


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 144.94 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF090956.D

Acq: 1 Nov 2016 17:43

Instrument :

BNA_F

ClientSampleId :

SD-3

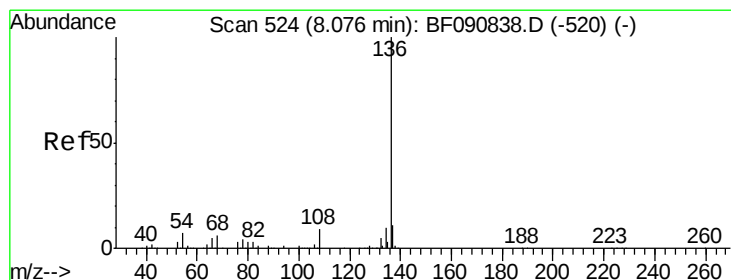
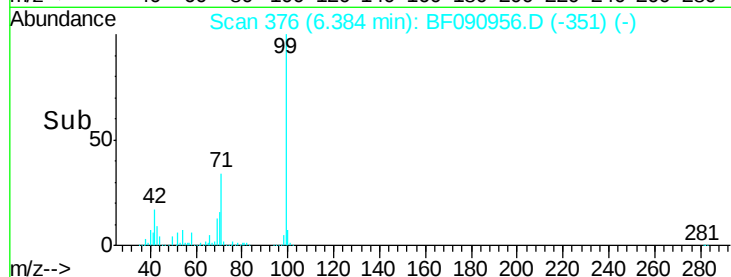
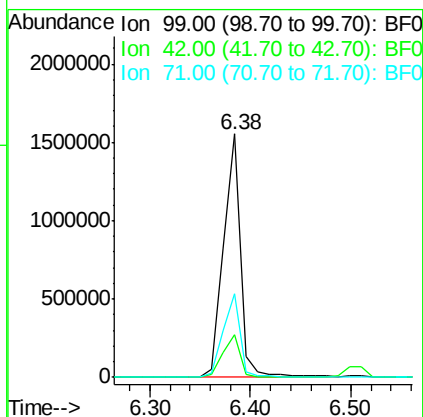
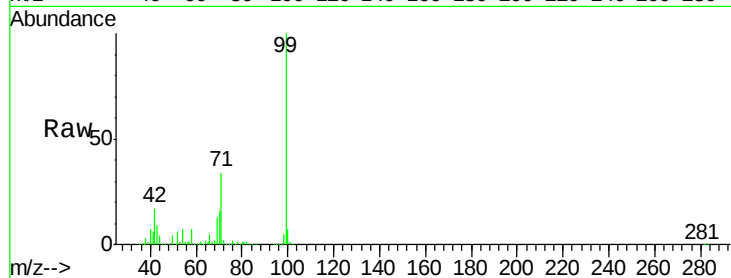
Tot Ion: 99 Resp: 1835002

Ion Ratio Lower Upper

99 100

42 17.3 13.7 20.5

71 34.1 14.2 21.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.02 min

Lab File: BF090956.D

Acq: 1 Nov 2016 17:43

Tgt Ion: 136 Resp: 689546

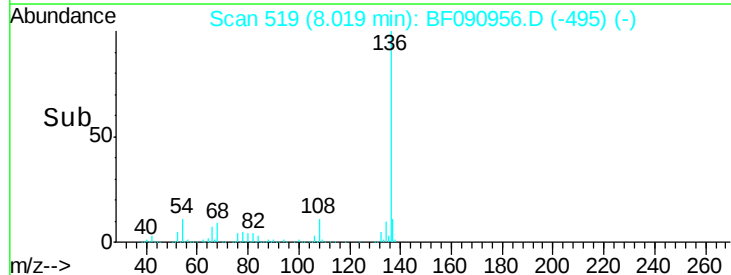
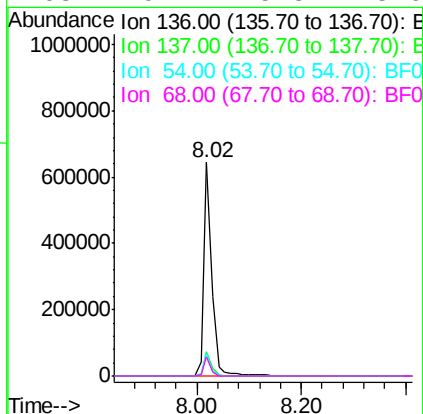
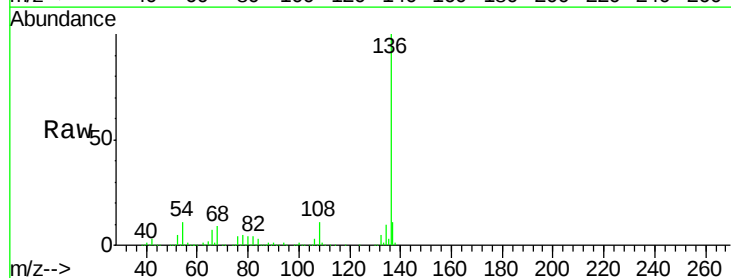
Ion Ratio Lower Upper

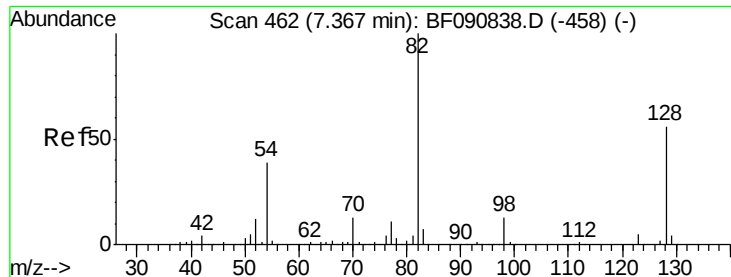
136 100

137 11.2 9.0 13.6

54 10.9 8.2 12.2

68 9.1 5.8 8.6#

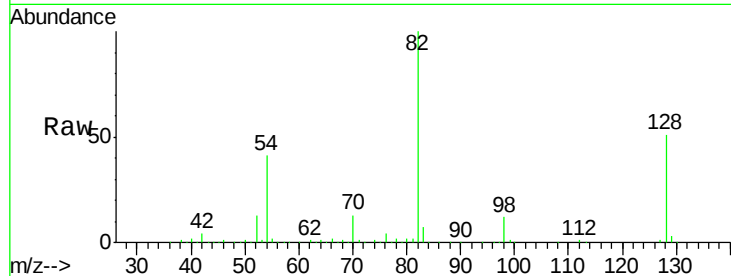




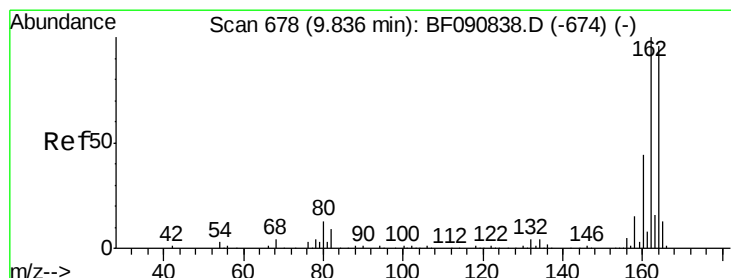
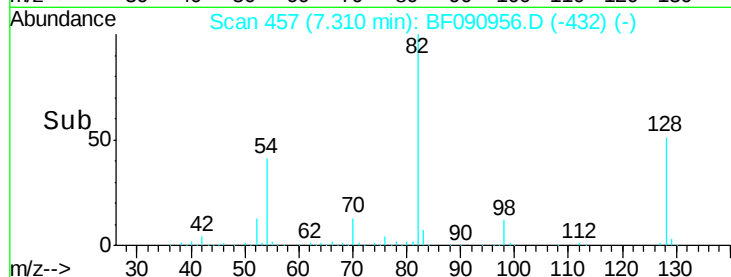
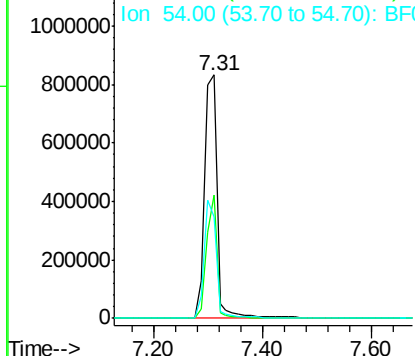
#23
 Nitrobenzene-d5
 Concen: 126.74 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.01 min
 Lab File: BF090956.D
 Acq: 1 Nov 2016 17:43

Instrument :
 BNA_F
 ClientSampleId :
 SD-3

Tot Ion: 82 Resp: 1334981
 Ion Ratio Lower Upper
 82 100
 128 50.8 51.0 76.6#
 54 41.5 47.5 71.3#

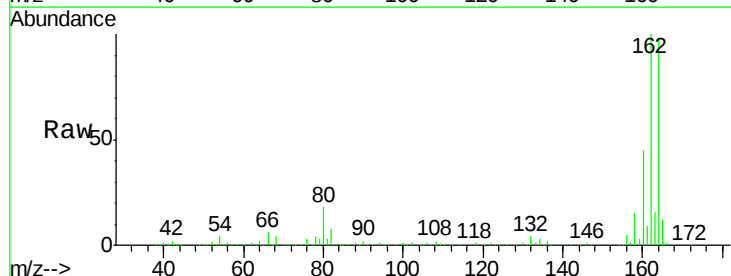


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

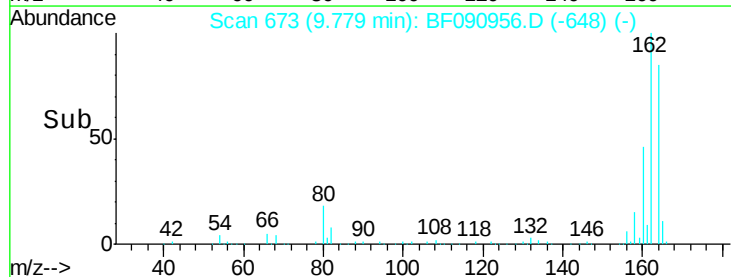
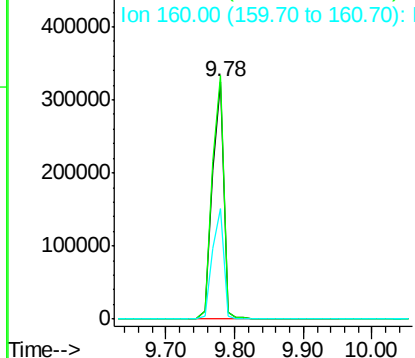


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.01 min
 Lab File: BF090956.D
 Acq: 1 Nov 2016 17:43

Tgt Ion:164 Resp: 383241
 Ion Ratio Lower Upper
 164 100
 162 102.5 75.2 112.8
 160 46.6 31.5 47.3



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

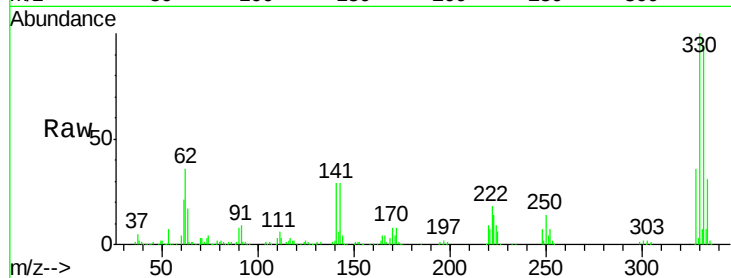




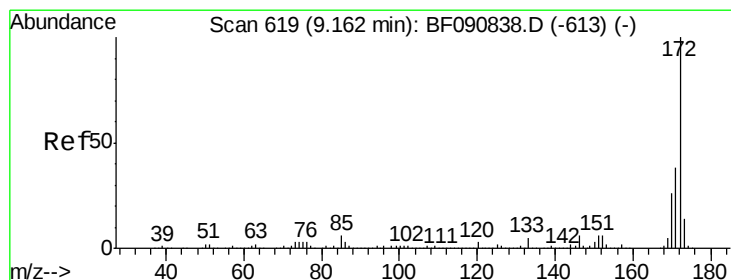
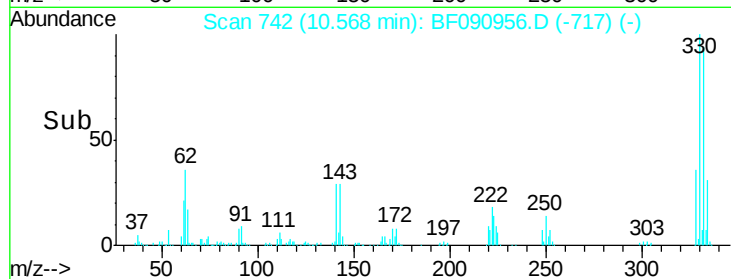
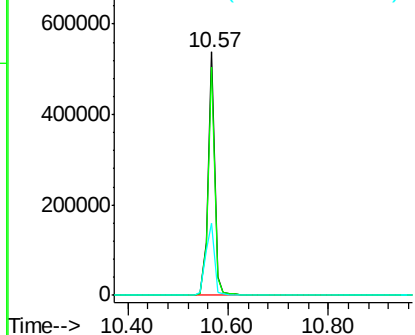
#41
 2,4,6-Tribromophenol
 Concen: 126.61 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BF090956.D
 Acq: 1 Nov 2016 17:43

Instrument :
 BNA_F
 ClientSampleId :
 SD-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.1	76.6	114.8
141	38.9	29.7	44.5

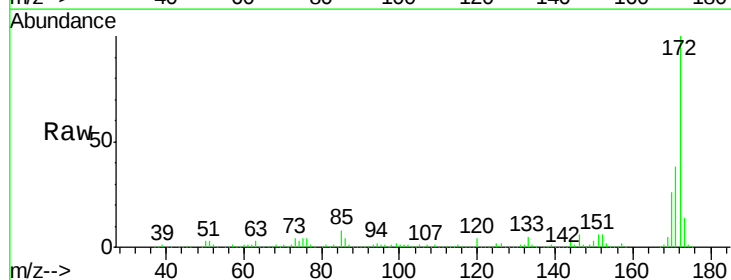


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

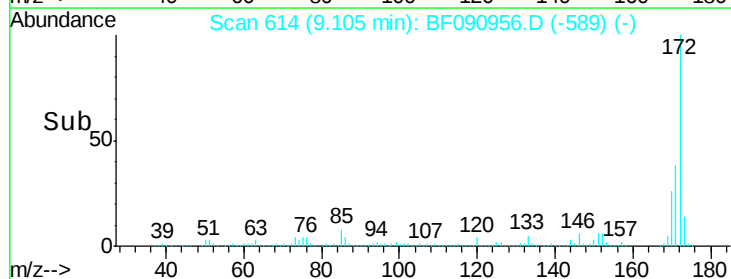
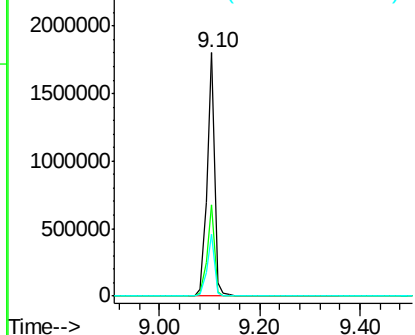


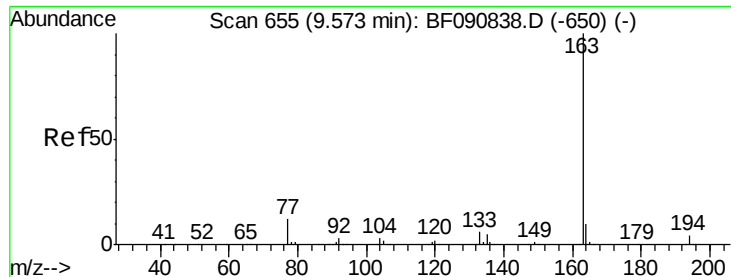
#44
 2-Fluorobiphenyl
 Concen: 85.68 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF090956.D
 Acq: 1 Nov 2016 17:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	26.1	39.1
170	25.6	17.4	26.2



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

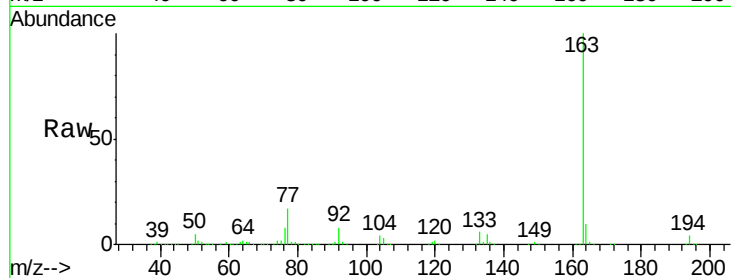




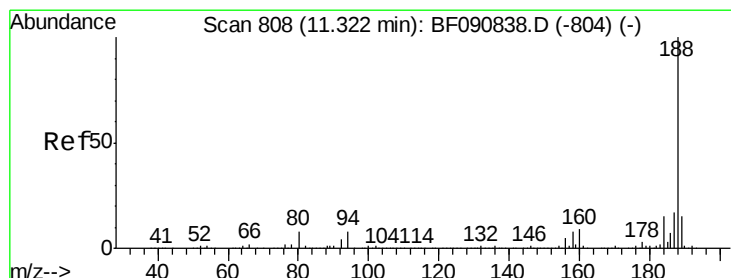
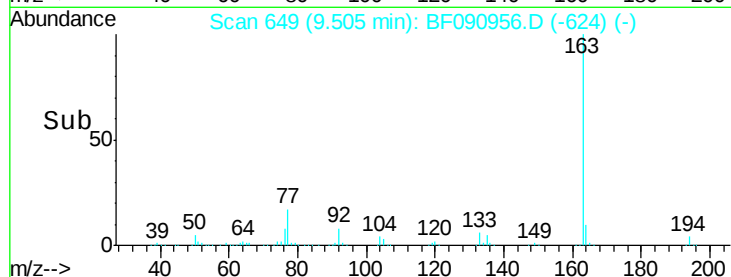
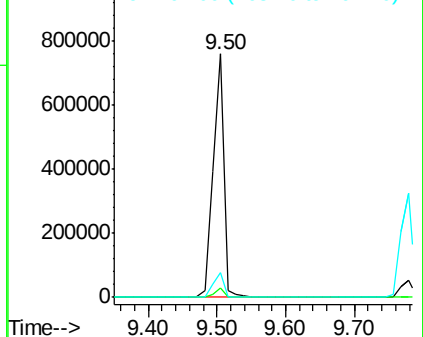
#49
Dimethylphthalate
Concen: 32.79 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF090956.D
Acq: 1 Nov 2016 17:43

Instrument :
BNA_F
ClientSampleId :
SD-3

Tot Ion:163 Resp: 839509
Ion Ratio Lower Upper
163 100
194 3.6 4.4 6.6#
164 10.0 8.3 12.5

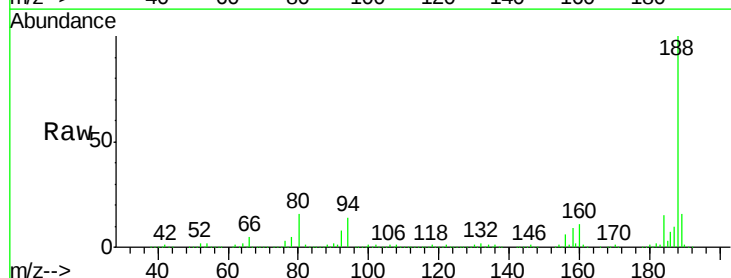


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

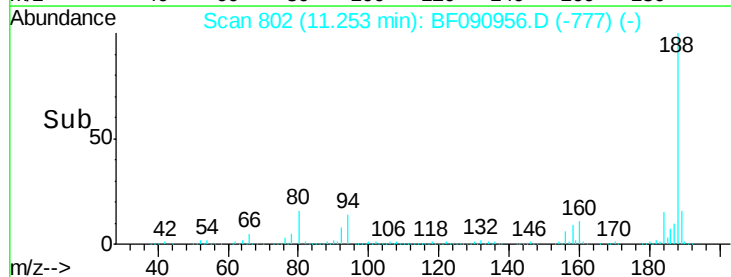
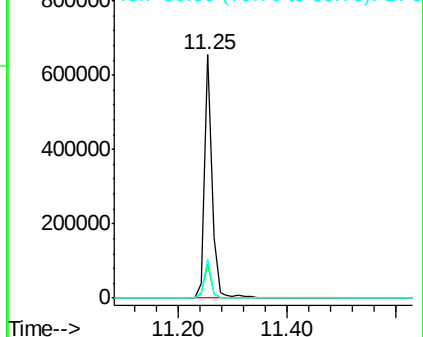


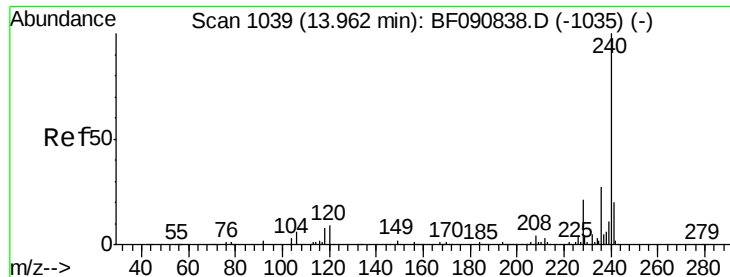
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF090956.D
Acq: 1 Nov 2016 17:43

Tgt Ion:188 Resp: 629714
Ion Ratio Lower Upper
188 100
94 14.0 11.1 16.7
80 16.1 11.0 16.4



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF090956.D

Acq: 1 Nov 2016 17:43

Instrument :

BNA_F

ClientSampleId :

SD-3

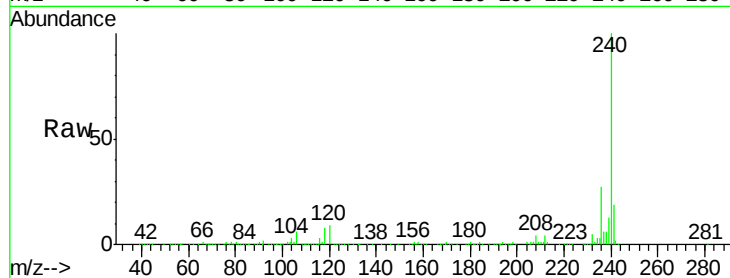
Tot Ion:240 Resp: 478111

Ion Ratio Lower Upper

240 100

120 9.1 16.2 24.2#

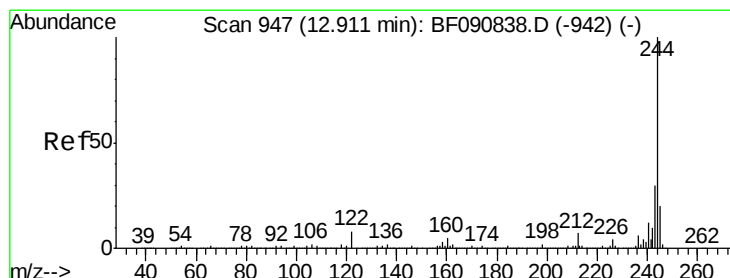
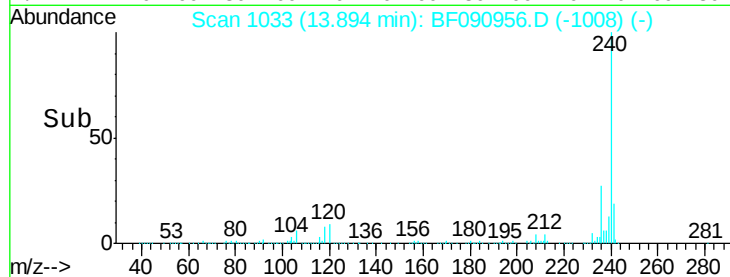
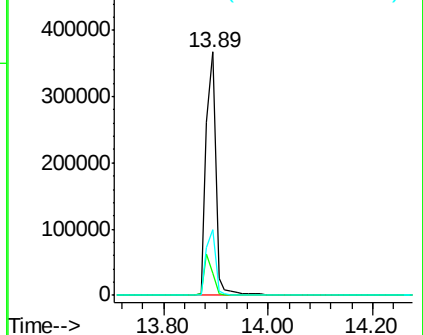
236 27.1 18.4 27.6



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



#78

Terphenyl-d14

Concen: 92.98 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF090956.D

Acq: 1 Nov 2016 17:43

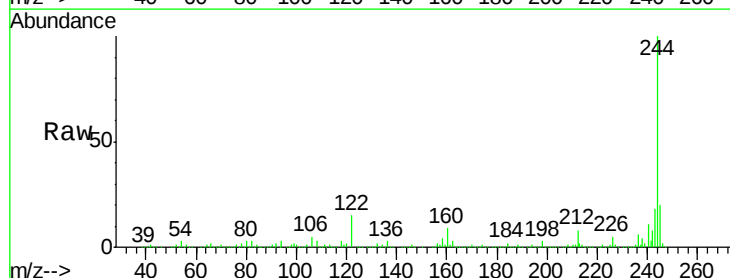
Tgt Ion:244 Resp: 1764420

Ion Ratio Lower Upper

244 100

212 7.8 4.3 6.5#

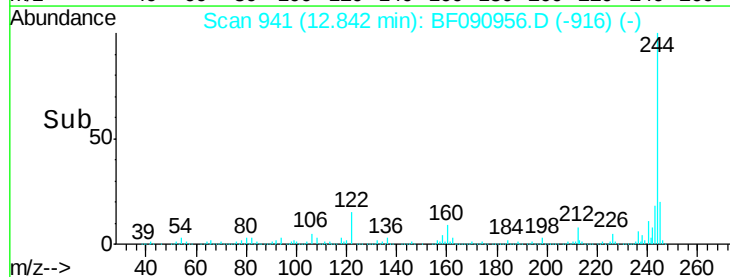
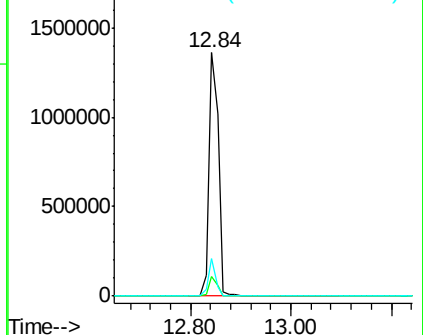
122 15.4 17.4 26.2#

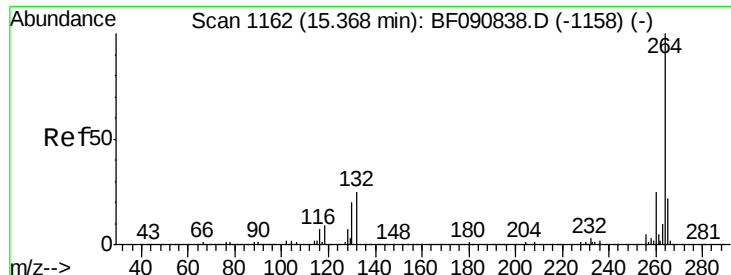


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



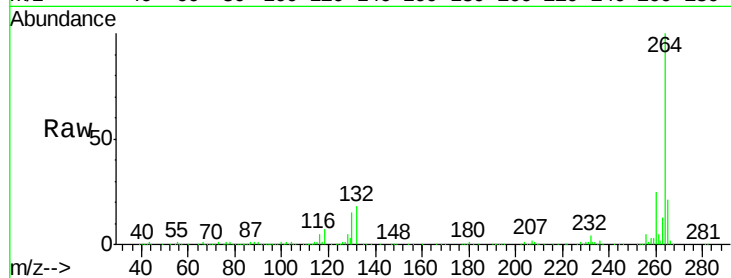


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF090956.D
Acq: 1 Nov 2016 17:43

Instrument :
BNA_F
ClientSampleId :
SD-3

Tot Ion:264 Resp: 322959

Ion	Ratio	Lower	Upper
264	100		
260	24.9	16.7	25.1
265	21.3	17.2	25.8



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

