

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072716\
 Data File : BF089337.D
 Acq On : 27 Jul 2016 19:19
 Operator : UM/SJ
 Sample : H4176-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-34-6.5-7.5

Quant Time: Jul 28 01:14:23 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 17:12:17 2016
 Response via : Initial Calibration

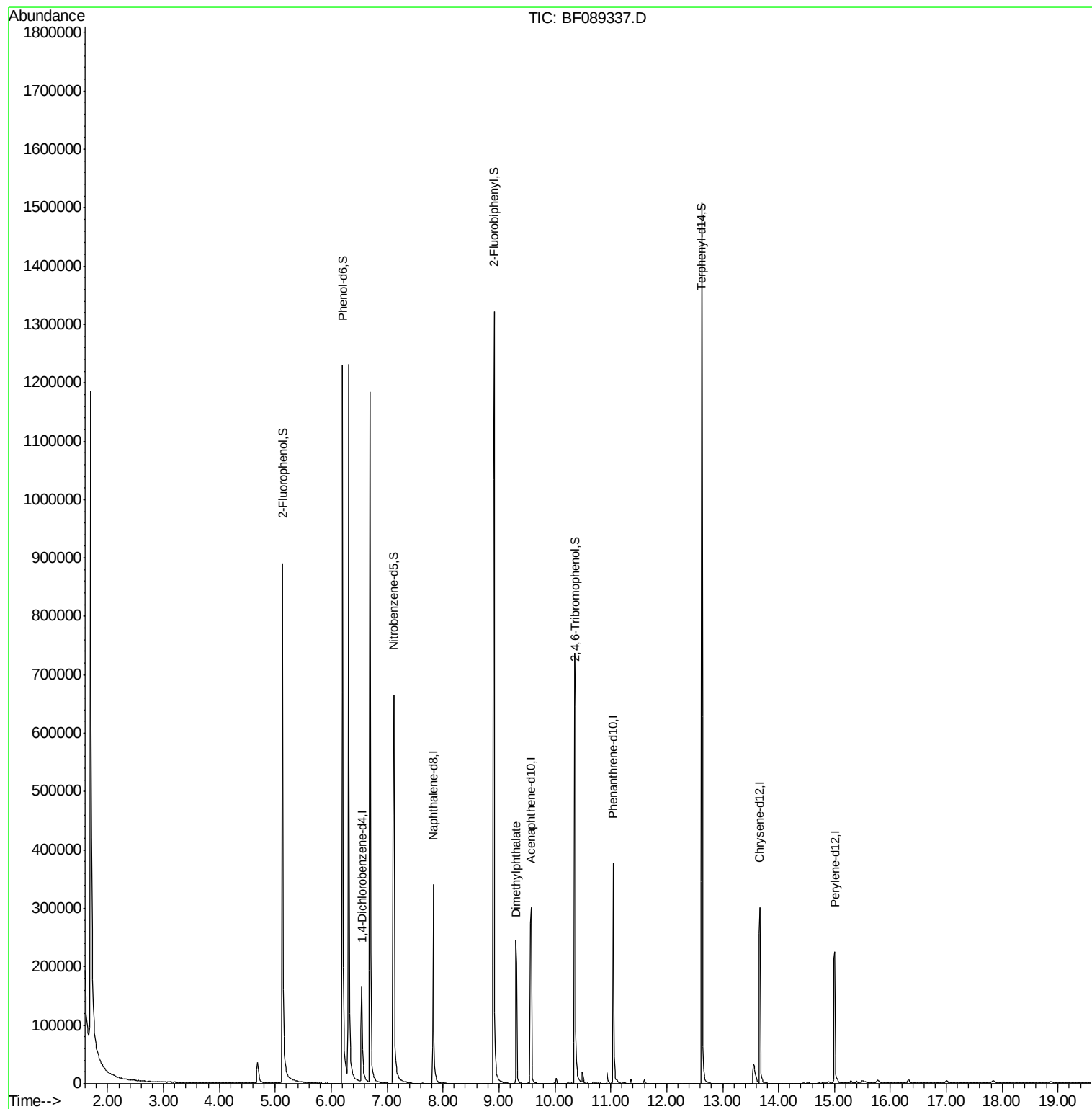
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	45745	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	208622	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	95654	20.00	ng	0.00
63) Phenanthrene-d10	11.04	188	202408	20.00	ng	-0.01
75) Chrysene-d12	13.67	240	165076	20.00	ng	0.00
86) Perylene-d12	15.01	264	135257	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	434990	151.83	ng	0.02
7) Phenol-d6	6.20	99	609719	161.04	ng	0.00
23) Nitrobenzene-d5	7.12	82	373298	105.62	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	131940	166.54	ng	0.00
44) 2-Fluorobiphenyl	8.91	172	680712	104.44	ng	0.00
78) Terphenyl-d14	12.63	244	575684	81.62	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.31	163	161278	22.15	ng	100

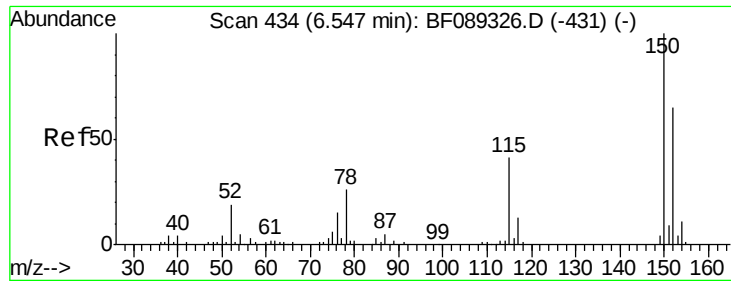
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 27 17:12:17 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.55 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF089337.D

Acq: 27 Jul 2016 19:19

Instrument :

BNA_F

ClientSampleId :

SB-34-6.5-7.5

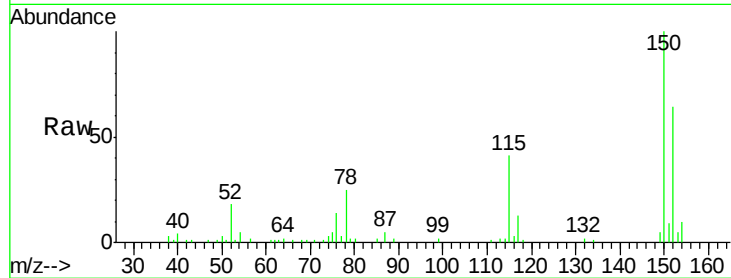
Tot Ion:152 Resp: 45745

Ion Ratio Lower Upper

152 100

150 155.3 129.5 194.3

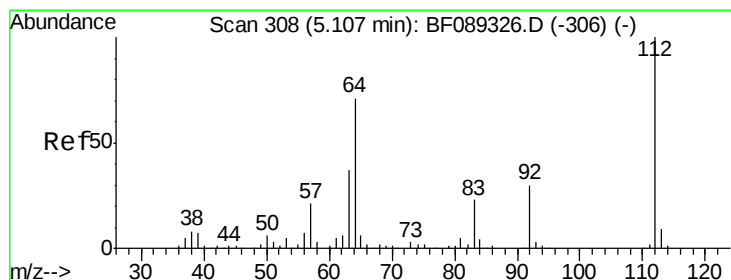
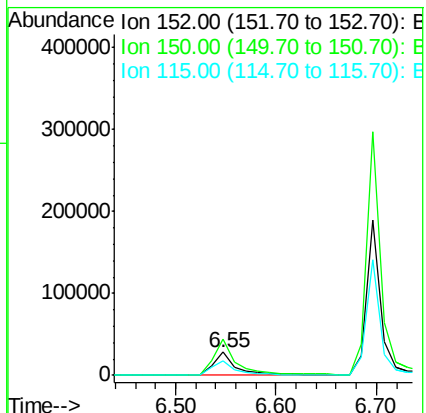
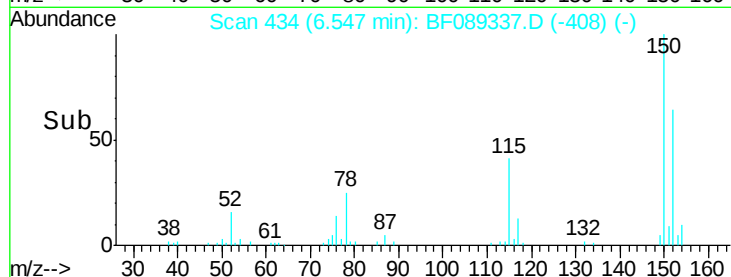
115 63.0 51.4 77.2



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: 151.83 ng

RT: 5.13 min Scan# 310

Delta R.T. 0.02 min

Lab File: BF089337.D

Acq: 27 Jul 2016 19:19

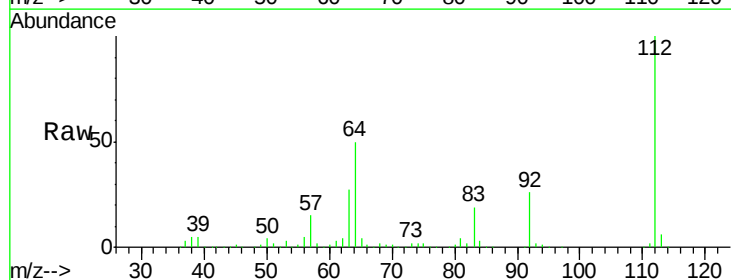
Tgt Ion:112 Resp: 434990

Ion Ratio Lower Upper

112 100

64 49.7 55.0 82.6#

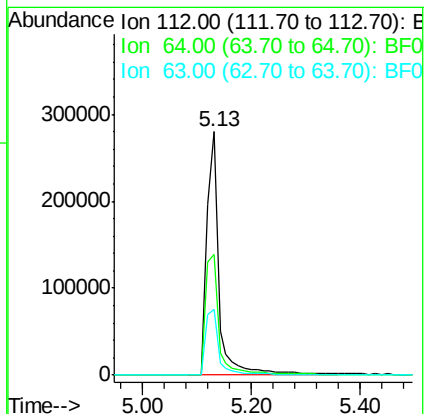
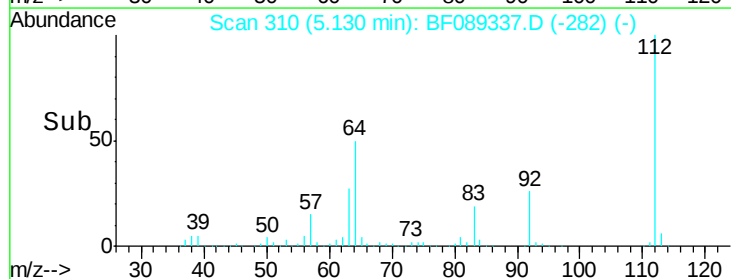
63 26.7 29.4 44.2#



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: 161.04 ng

RT: 6.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF089337.D

Acq: 27 Jul 2016 19:19

Instrument :

BNA_F

ClientSampleId :

SB-34-6.5-7.5

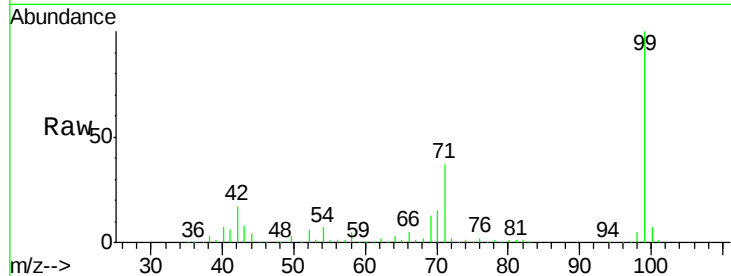
Tot Ion: 99 Resp: 609719

Ion Ratio Lower Upper

99 100

42 16.9 13.6 20.4

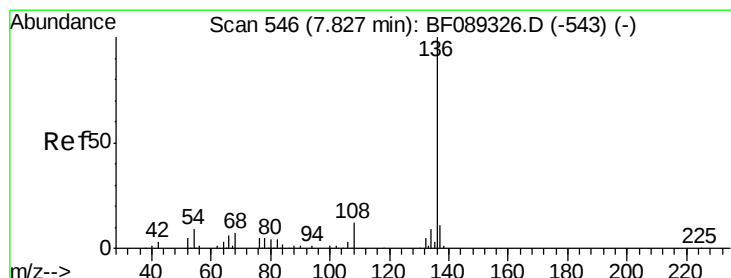
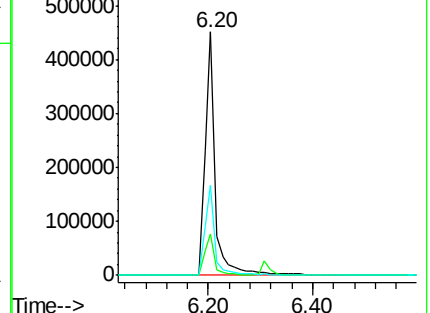
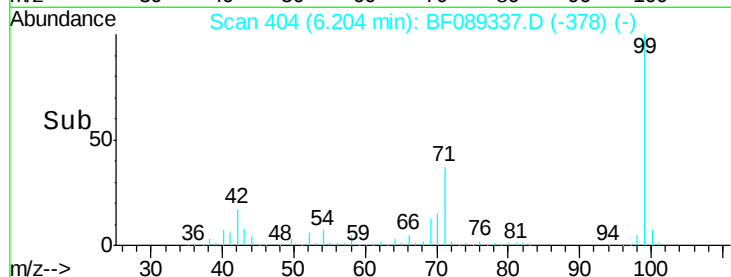
71 37.1 29.4 44.2



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.83 min Scan# 546

Delta R.T. 0.00 min

Lab File: BF089337.D

Acq: 27 Jul 2016 19:19

Tgt Ion: 136 Resp: 208622

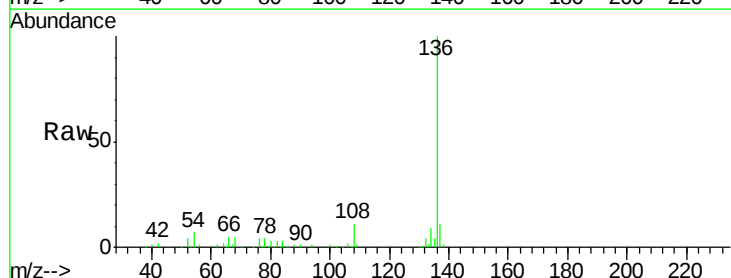
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 6.8 7.0 10.4

68 5.2 4.9 7.3

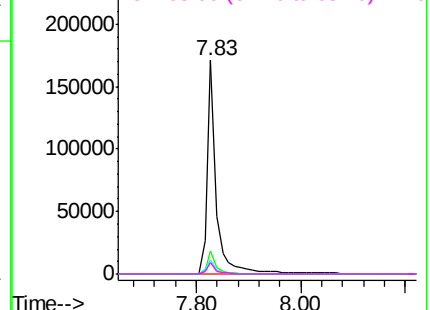
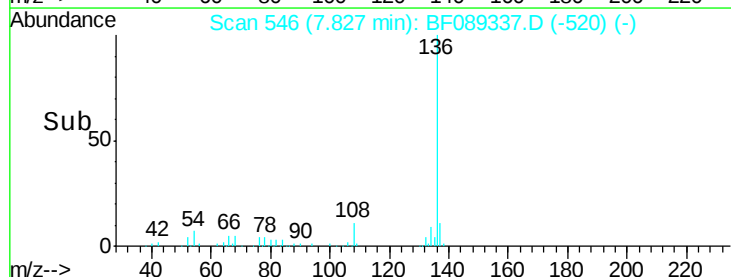


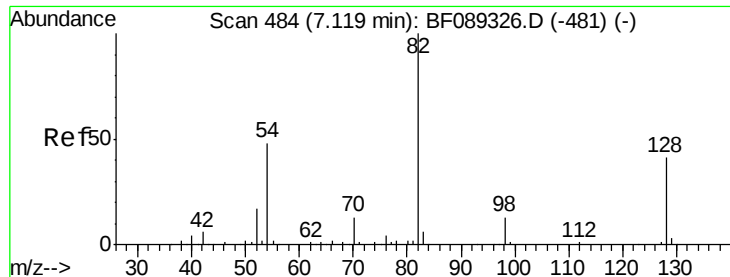
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

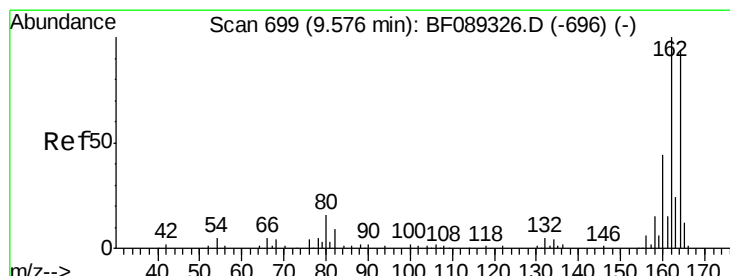
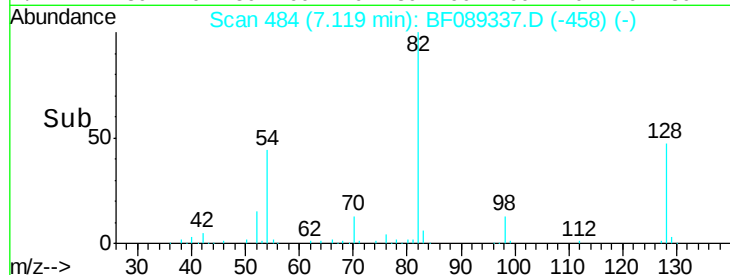
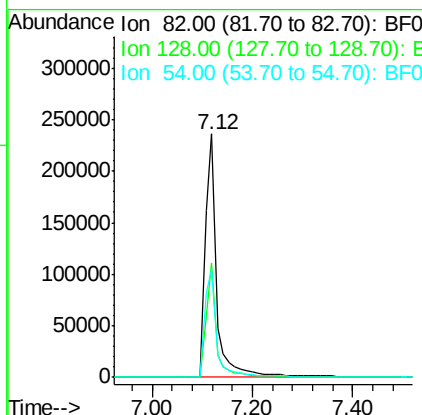
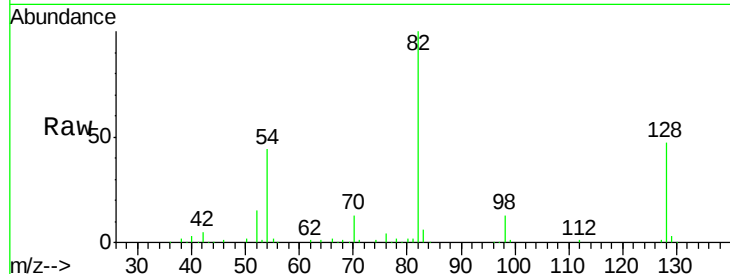




#23
 Nitrobenzene-d5
 Concen: 105.62 ng
 RT: 7.12 min Scan# 484
 Delta R.T. 0.00 min
 Lab File: BF089337.D
 Acq: 27 Jul 2016 19:19

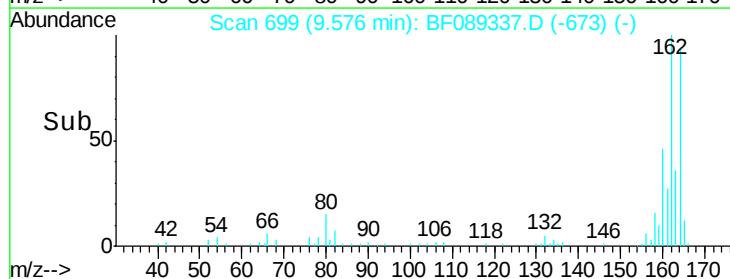
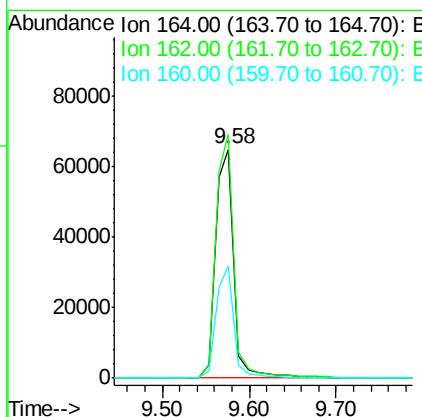
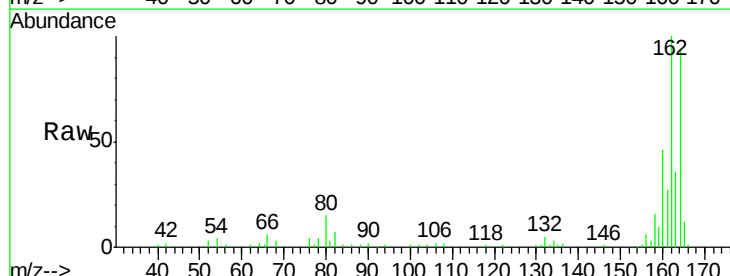
Instrument :
 BNA_F
 ClientSampleId :
 SB-34-6.5-7.5

Tot Ion	82	Resp	373298
Ion Ratio	100	Lower	Upper
128	47.0	32.5	48.7
54	44.4	38.8	58.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 699
 Delta R.T. 0.00 min
 Lab File: BF089337.D
 Acq: 27 Jul 2016 19:19

Tgt Ion	164	Resp	95654
Ion Ratio	100	Lower	Upper
162	106.6	83.7	125.5
160	49.0	37.8	56.6

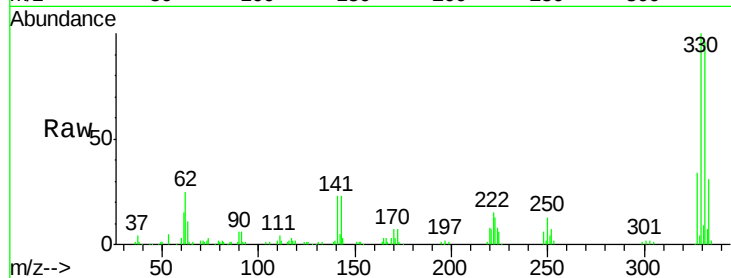




#41
 2,4,6-Tribromophenol
 Concen: 166.54 ng
 RT: 10.36 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BF089337.D
 Acq: 27 Jul 2016 19:19

Instrument :
 BNA_F
 ClientSampleId :
 SB-34-6.5-7.5

Tot Ion	330	Resp	131940
Ion Ratio	100	Lower	Upper
330	100		
332	96.0	76.8	115.2
141	42.4	37.3	55.9

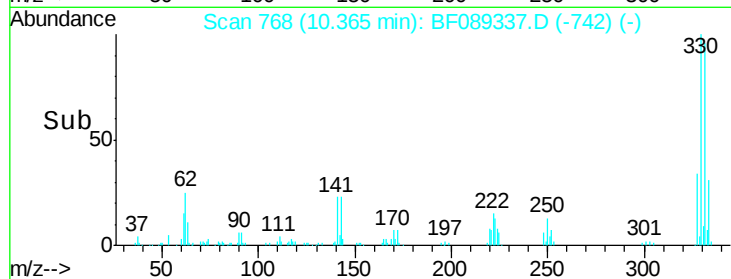
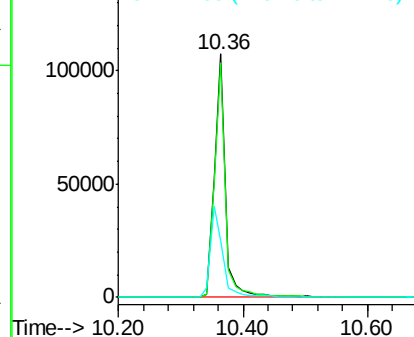


Abundance

Ion 329.80 (329.50 to 330.50): E

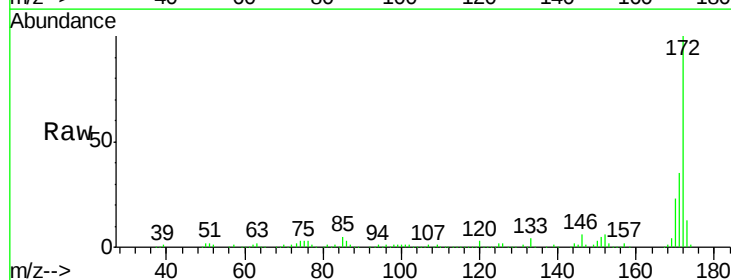
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 104.44 ng
 RT: 8.91 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF089337.D
 Acq: 27 Jul 2016 19:19

Tgt Ion	172	Resp	680712
Ion Ratio	100	Lower	Upper
172	100		
171	35.5	29.2	43.8
170	23.4	19.2	28.8

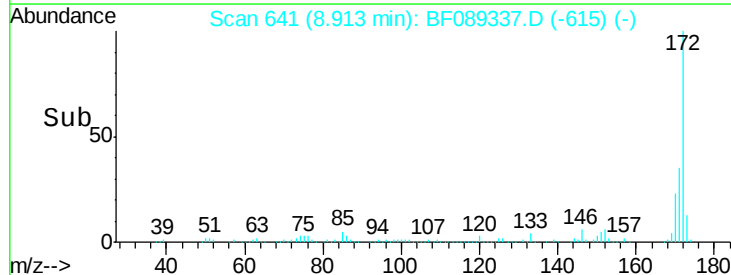
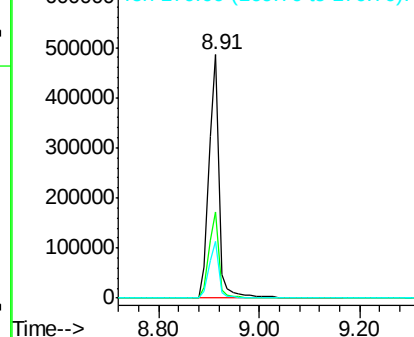


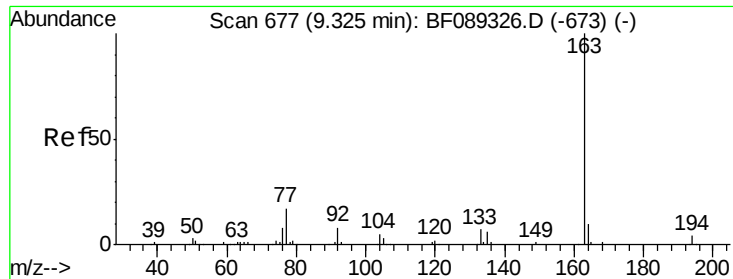
Abundance

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

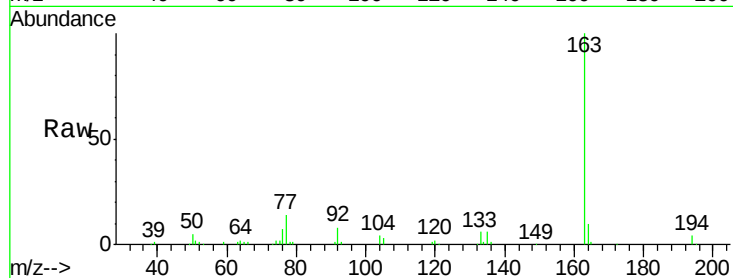




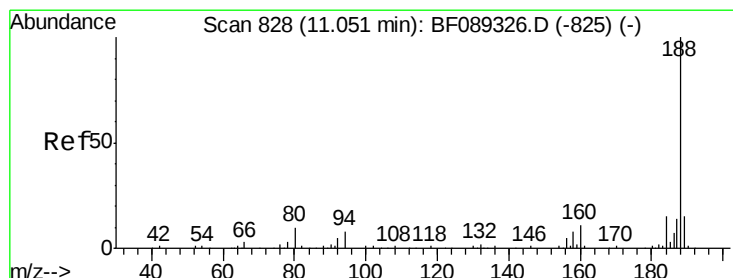
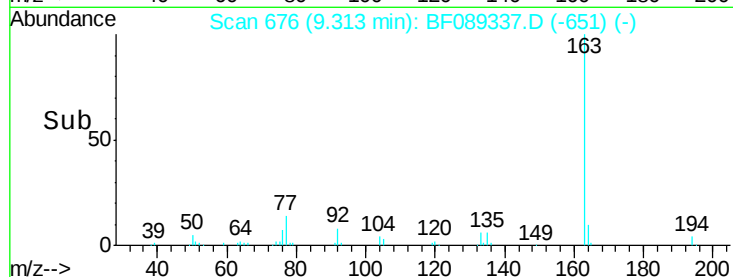
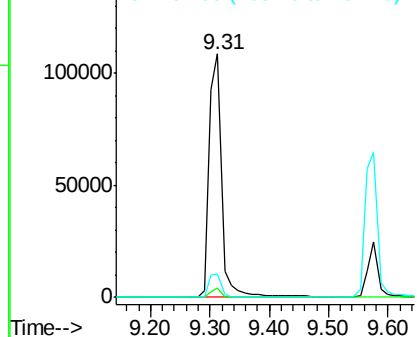
#49
Dimethylphthalate
Concen: 22.15 ng
RT: 9.31 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF089337.D
Acq: 27 Jul 2016 19:19

Instrument :
BNA_F
ClientSampleId :
SB-34-6.5-7.5

Tot Ion:163 Resp: 161278
Ion Ratio Lower Upper
163 100
194 3.8 2.8 4.2
164 9.7 7.8 11.8

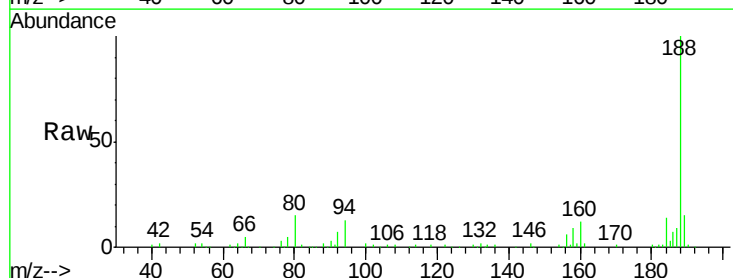


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

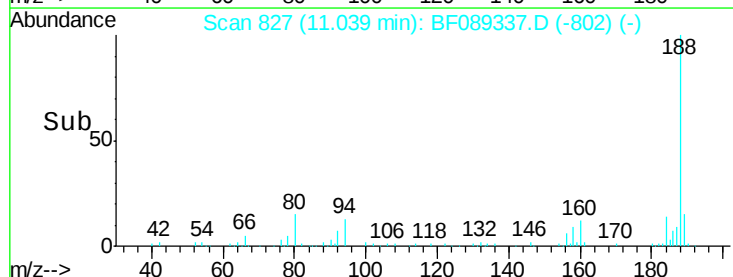
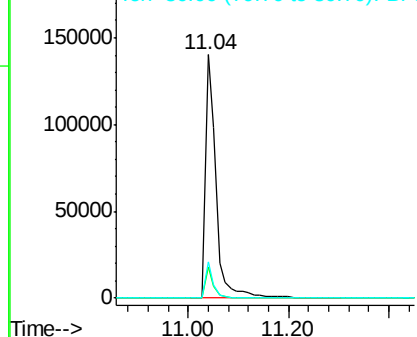


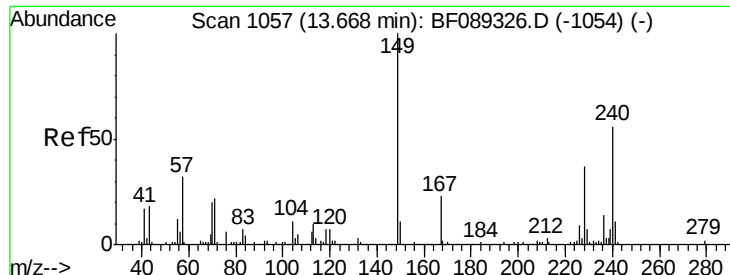
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.04 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF089337.D
Acq: 27 Jul 2016 19:19

Tgt Ion:188 Resp: 202408
Ion Ratio Lower Upper
188 100
94 12.7 6.5 9.7#
80 14.6 7.2 10.8#



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: 13.67 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BF089337.D

Acq: 27 Jul 2016 19:19

Instrument :

BNA_F

ClientSampleId :

SB-34-6.5-7.5

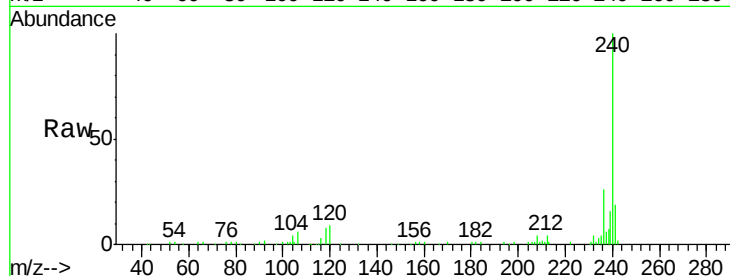
Tot Ion:240 Resp: 165076

Ion Ratio Lower Upper

240 100

120 8.8 9.1 13.7#

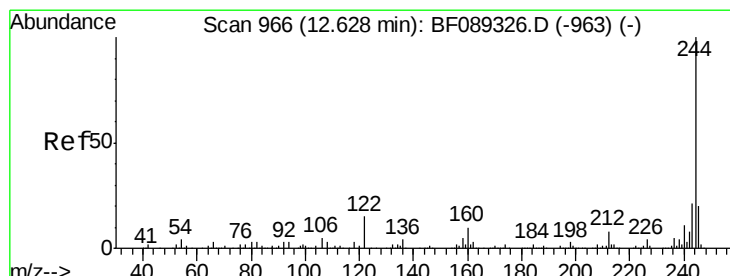
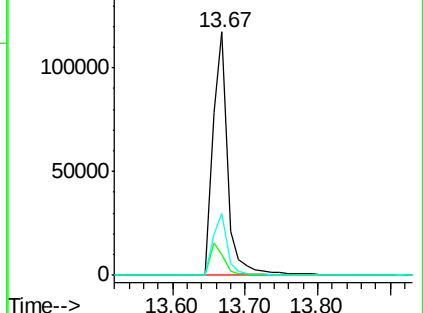
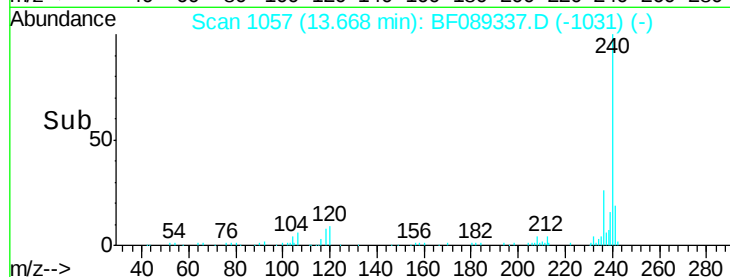
236 25.6 20.6 30.8



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: 81.62 ng

RT: 12.63 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF089337.D

Acq: 27 Jul 2016 19:19

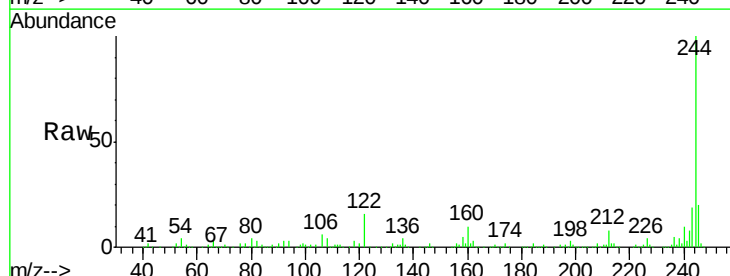
Tgt Ion:244 Resp: 575684

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

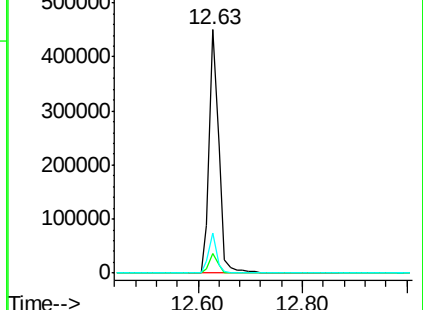
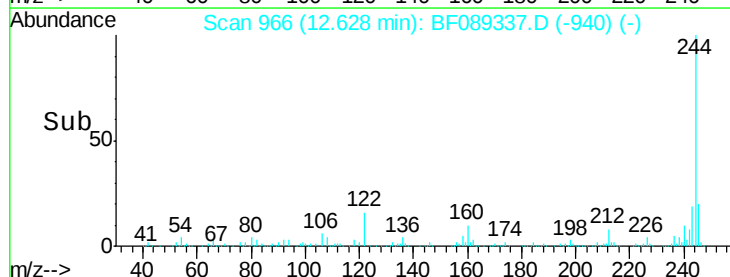
122 16.5 11.4 17.0

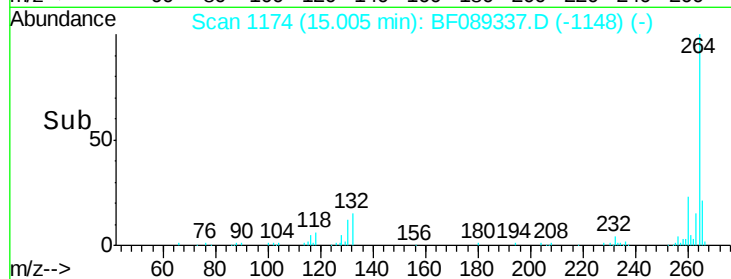
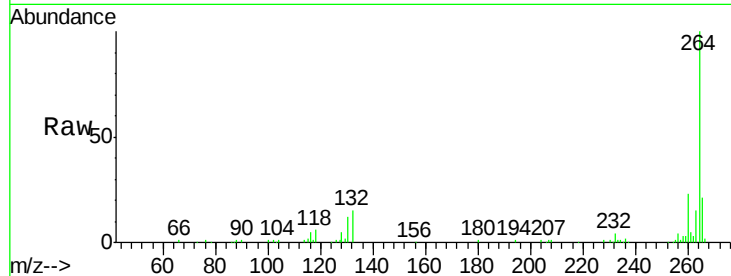
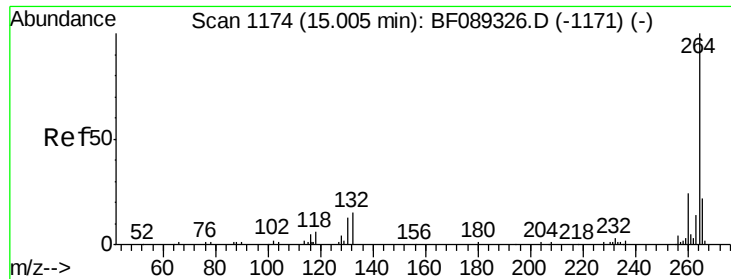


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.01 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF089337.D
 Acq: 27 Jul 2016 19:19

Instrument :
 BNA_F
 ClientSampleId :
 SB-34-6.5-7.5

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.0	28.4
265	21.1	17.5	26.3

