

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072816\
 Data File : BF089348.D
 Acq On : 28 Jul 2016 5:59
 Operator : UM/SJ
 Sample : H4157-21
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 I-18

Quant Time: Jul 28 07:26:45 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

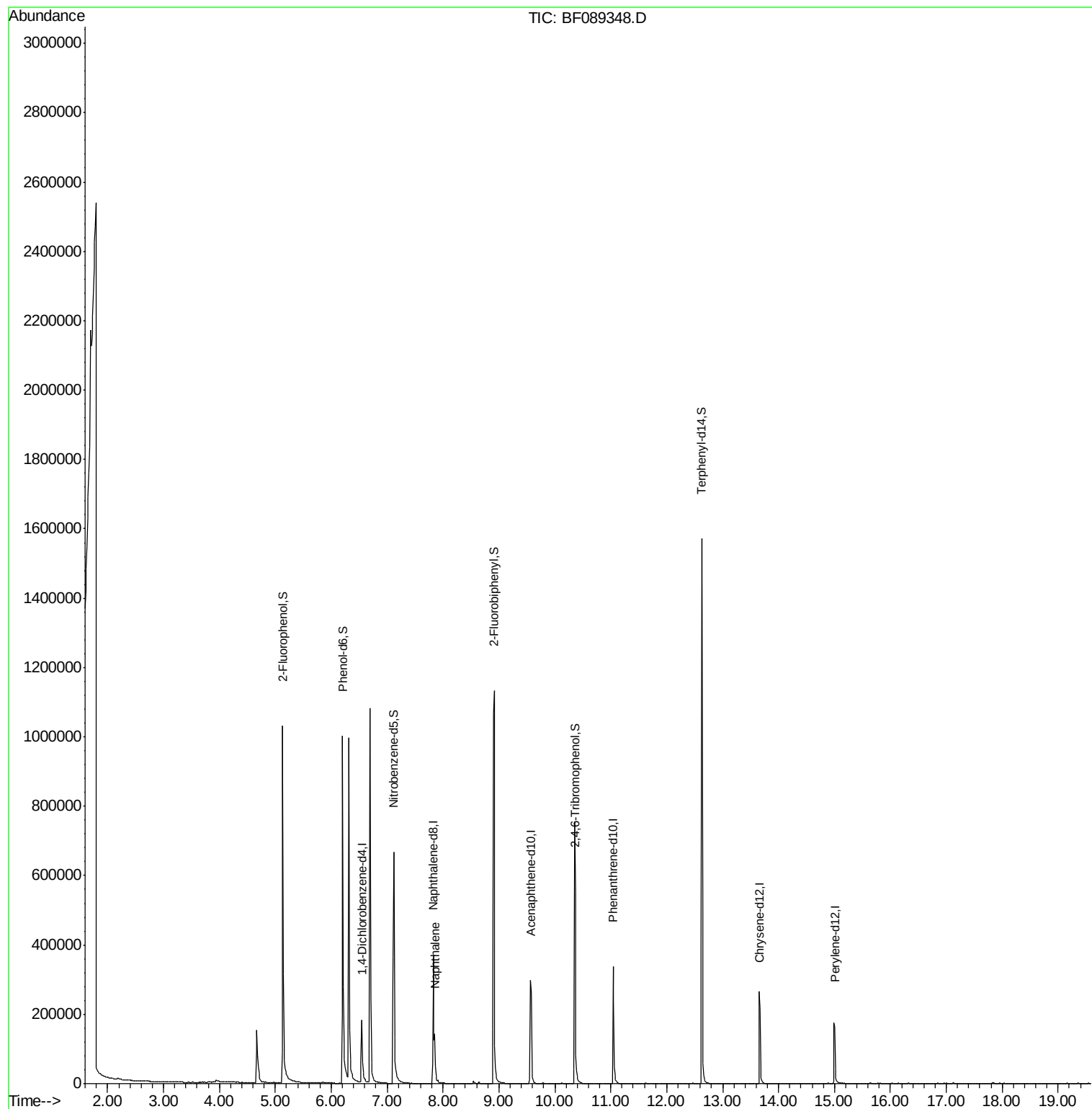
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	44757	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	207334	20.00	ng	0.00
38) Acenaphthene-d10	9.56	164	91366	20.00	ng	-0.01
63) Phenanthrene-d10	11.04	188	193799	20.00	ng	-0.01
75) Chrysene-d12	13.67	240	144917	20.00	ng	0.00
86) Perylene-d12	15.01	264	108890	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	362270	129.24	ng	0.02
7) Phenol-d6	6.20	99	469759	126.81	ng	0.00
23) Nitrobenzene-d5	7.12	82	347133	98.82	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	122806	162.29	ng	0.00
44) 2-Fluorobiphenyl	8.91	172	627953	100.87	ng	0.00
78) Terphenyl-d14	12.63	244	561152	90.63	ng	0.00
Target Compounds						
31) Naphthalene	7.85	128	85352	8.31	ng	Qvalue 99

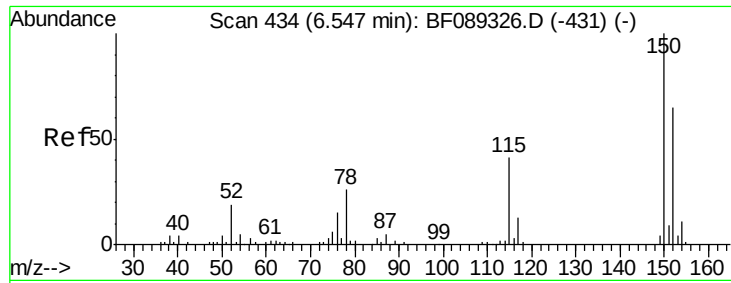
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF089348.D

Acq: 28 Jul 2016 5:59

Instrument :

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ClientSampleId :

I-18

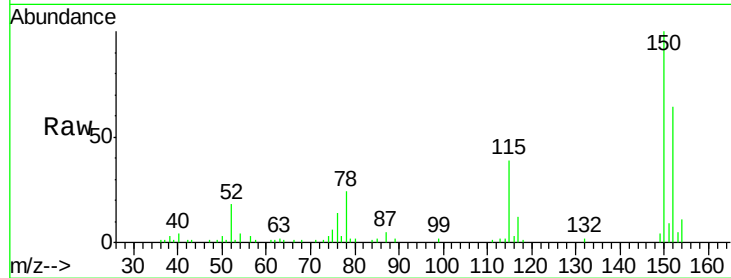
Tgt Ion:152 Resp: 44757

Ion Ratio Lower Upper

152 100

150 155.4 129.5 194.3

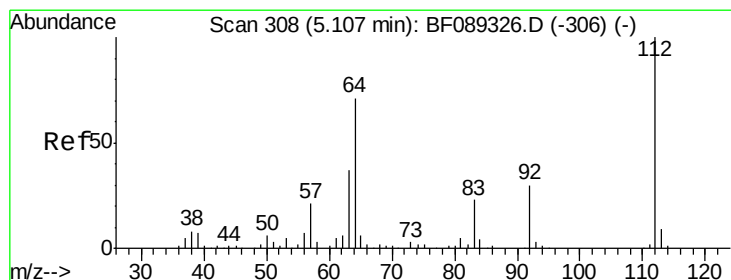
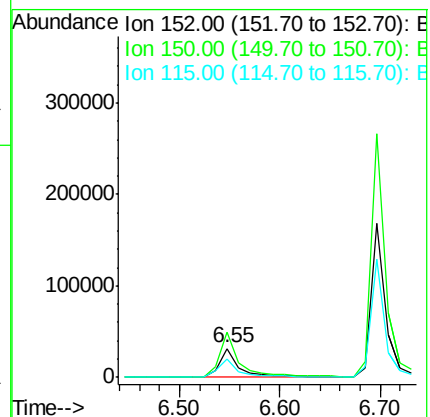
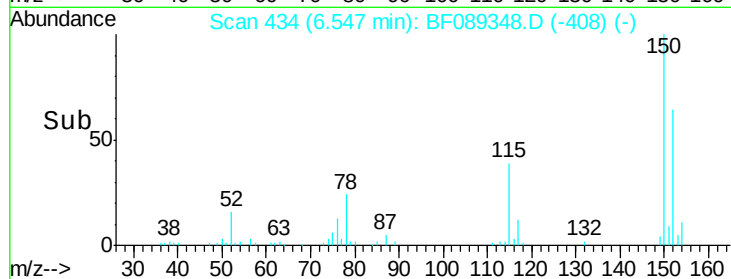
115 61.3 51.4 77.2



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: 129.24 ng

RT: 5.13 min Scan# 310

Delta R.T. 0.02 min

Lab File: BF089348.D

Acq: 28 Jul 2016 5:59

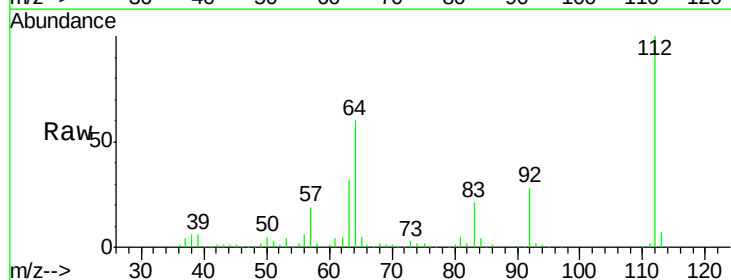
Tgt Ion:112 Resp: 362270

Ion Ratio Lower Upper

112 100

64 59.7 55.0 82.6

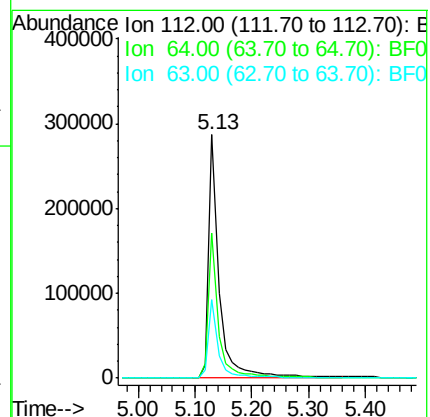
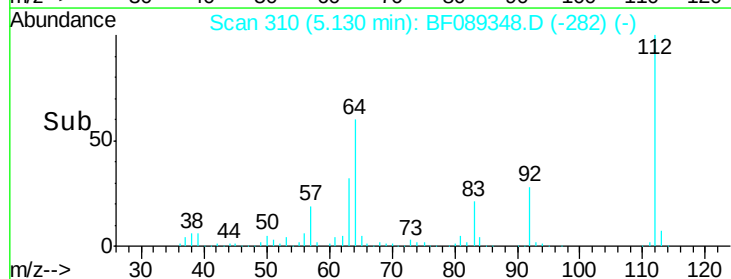
63 32.4 29.4 44.2

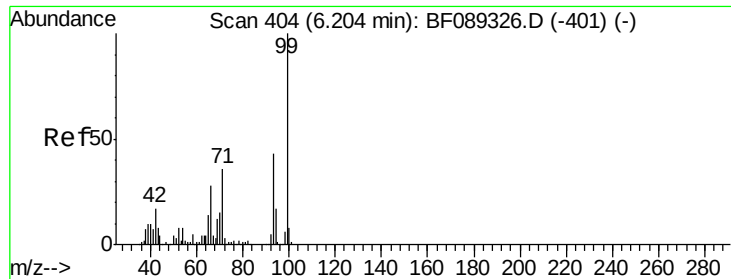


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 126.81 ng

RT: 6.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF089348.D

Acq: 28 Jul 2016 5:59

Instrument :

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ClientSampleId :

I-18

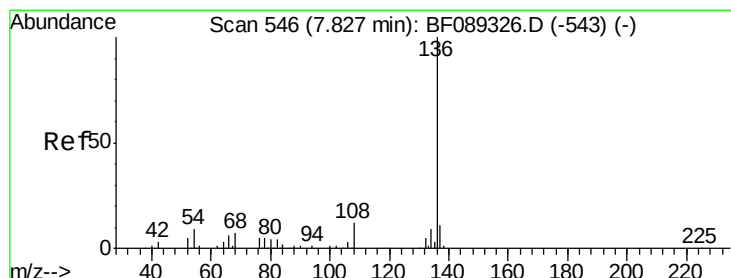
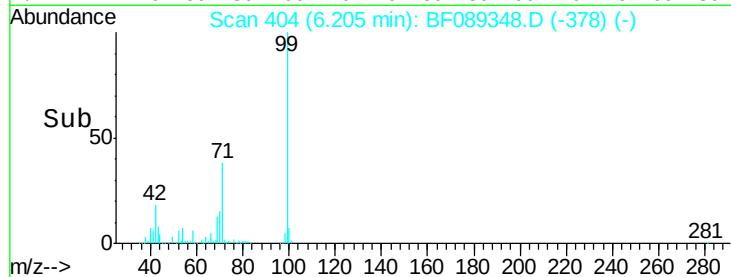
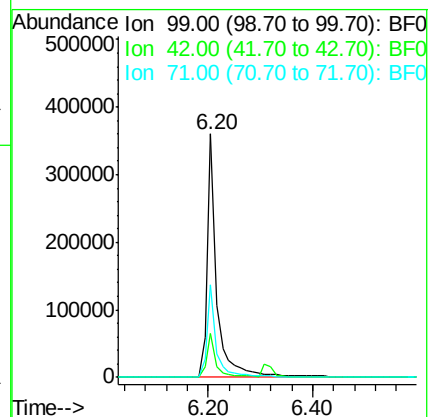
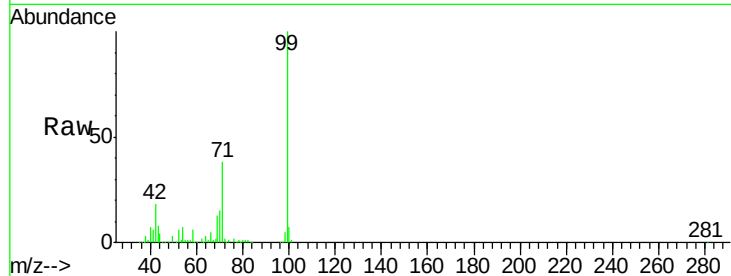
Tgt Ion: 99 Resp: 469759

Ion Ratio Lower Upper

99 100

42 18.2 13.6 20.4

71 37.8 29.4 44.2



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.83 min Scan# 546

Delta R.T. 0.00 min

Lab File: BF089348.D

Acq: 28 Jul 2016 5:59

Tgt Ion: 136 Resp: 207334

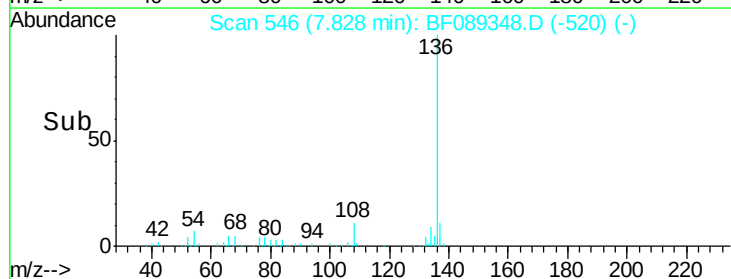
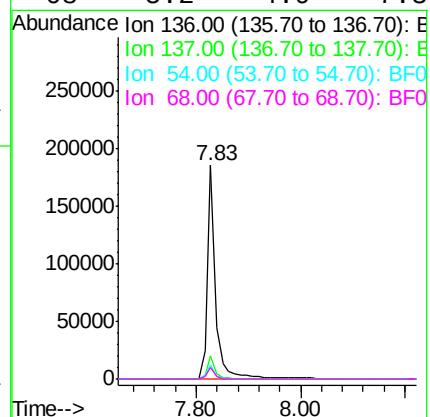
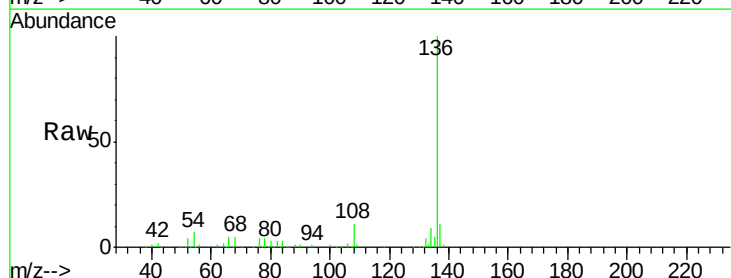
Ion Ratio Lower Upper

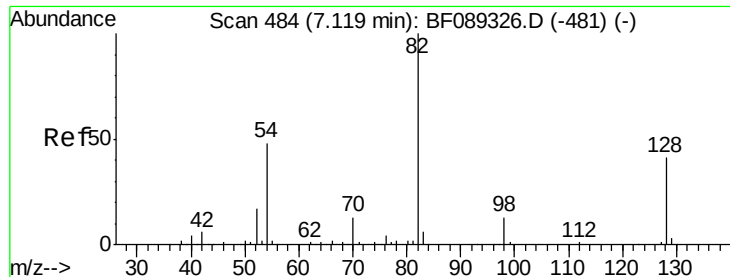
136 100

137 10.7 8.6 13.0

54 6.8 7.0 10.4#

68 5.2 4.9 7.3

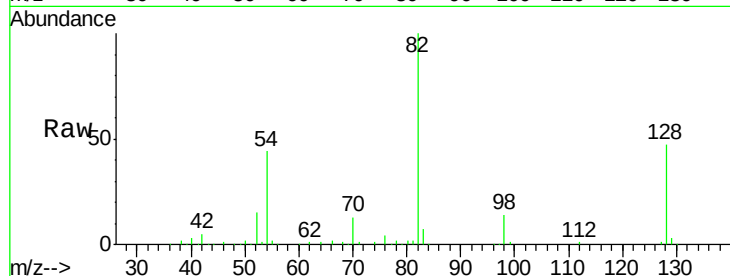




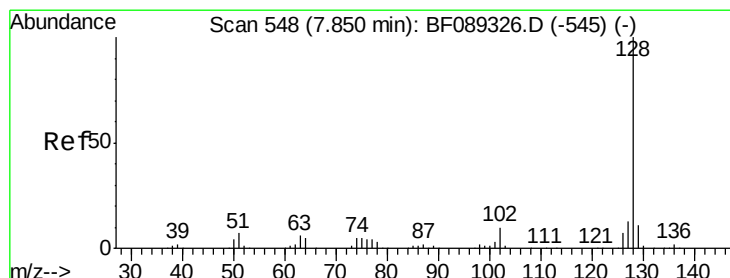
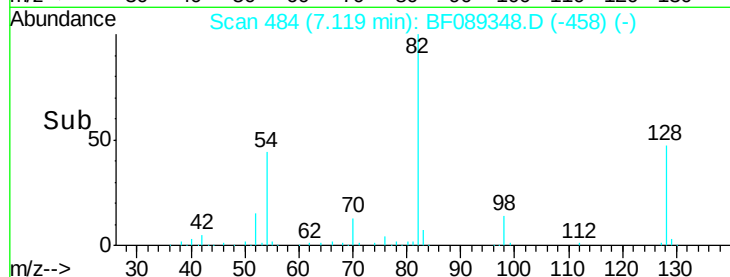
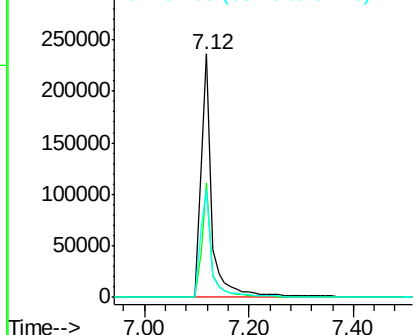
#23
 Nitrobenzene-d5
 Concen: 98.82 ng
 RT: 7.12 min Scan# 484
 Delta R.T. 0.00 min
 Lab File: BF089348.D
 Acq: 28 Jul 2016 5:59

Instrument :
 BNA_F
 ClientSampleId :
 I-18

Tgt Ion: 82 Resp: 347133
 Ion Ratio Lower Upper
 82 100
 128 46.7 32.5 48.7
 54 44.1 38.8 58.2

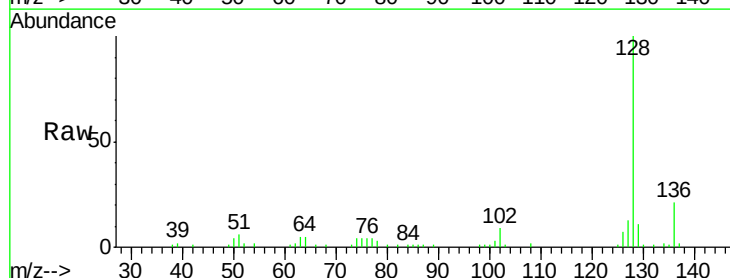


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

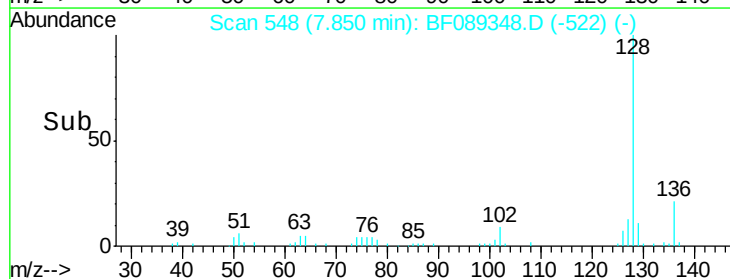
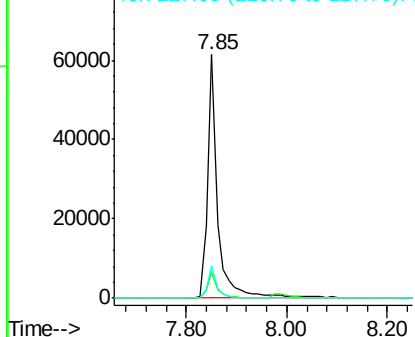


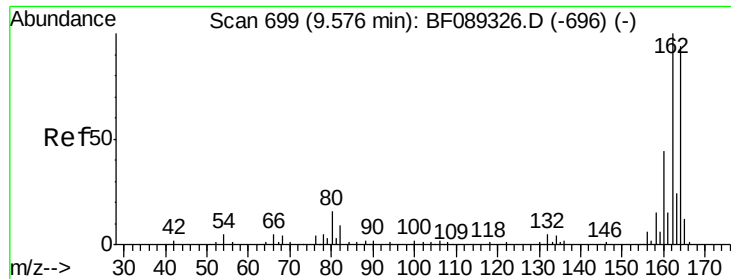
#31
 Naphthalene
 Concen: 8.31 ng
 RT: 7.85 min Scan# 548
 Delta R.T. 0.00 min
 Lab File: BF089348.D
 Acq: 28 Jul 2016 5:59

Tgt Ion: 128 Resp: 85352
 Ion Ratio Lower Upper
 128 100
 129 10.6 8.8 13.2
 127 13.3 10.8 16.2



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.56 min Scan# 698

Delta R.T. -0.01 min

Lab File: BF089348.D

Acq: 28 Jul 2016 5:59

Instrument :

BNA_F

ClientSampleId :

I-18

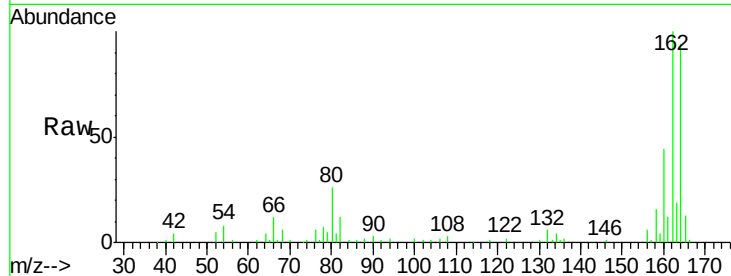
Tgt Ion:164 Resp: 91366

Ion Ratio Lower Upper

164 100

162 106.7 83.7 125.5

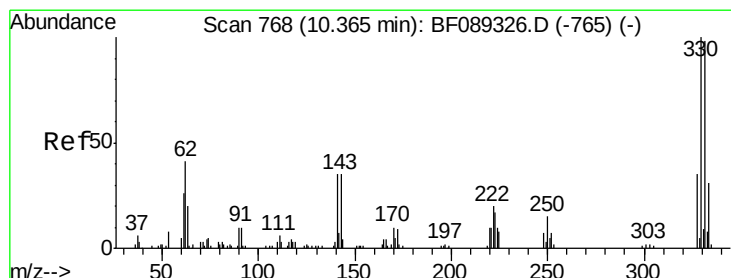
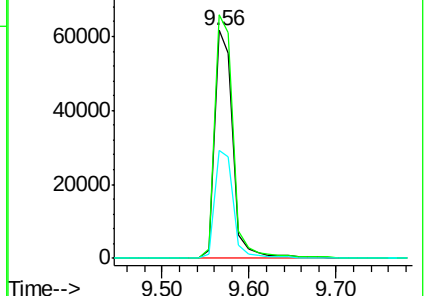
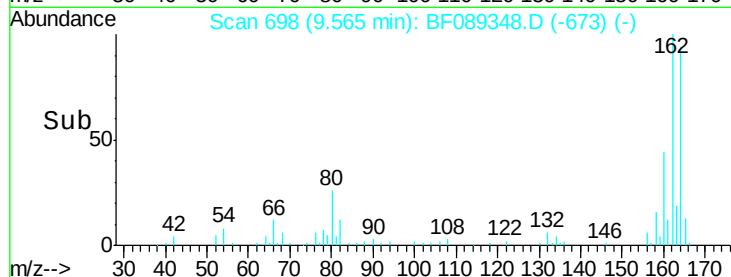
160 47.2 37.8 56.6



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: 162.29 ng

RT: 10.36 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF089348.D

Acq: 28 Jul 2016 5:59

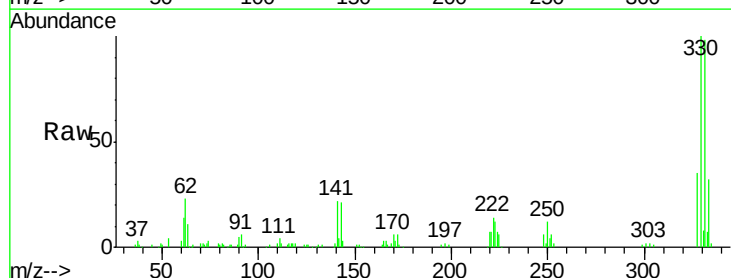
Tgt Ion:330 Resp: 122806

Ion Ratio Lower Upper

330 100

332 96.4 76.8 115.2

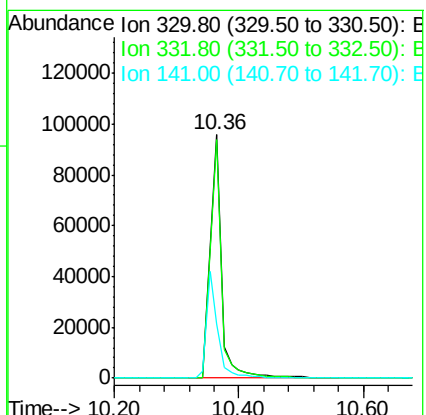
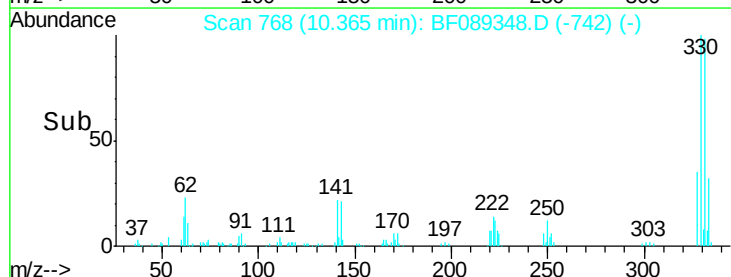
141 42.9 37.3 55.9

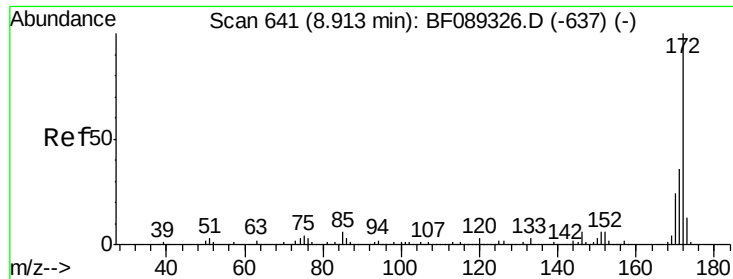


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

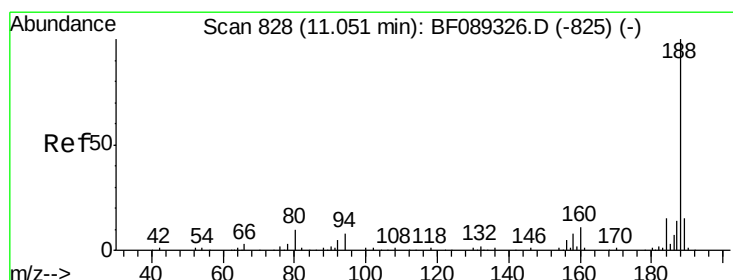
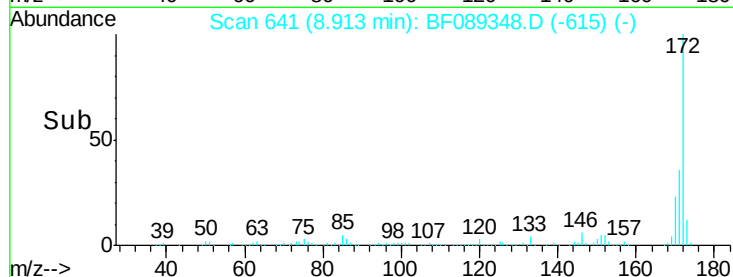
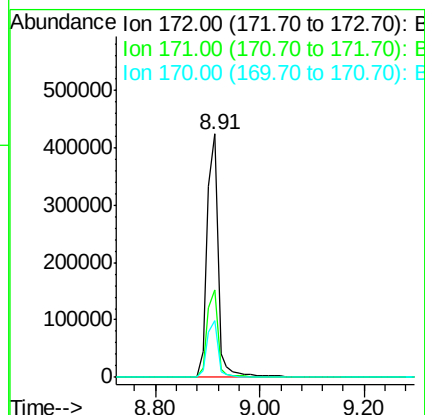
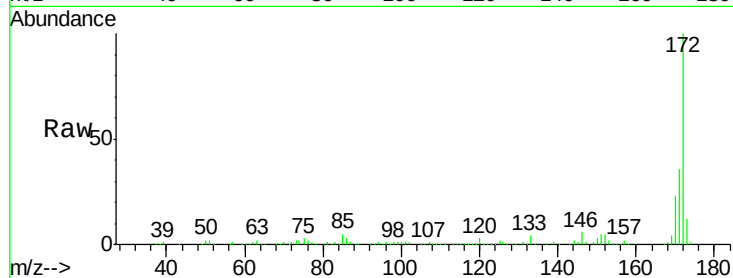




#44
 2-Fluorobiphenyl
 Concen: 100.87 ng
 RT: 8.91 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF089348.D
 Acq: 28 Jul 2016 5:59

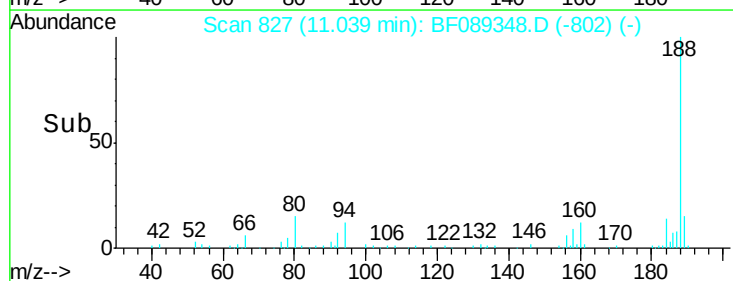
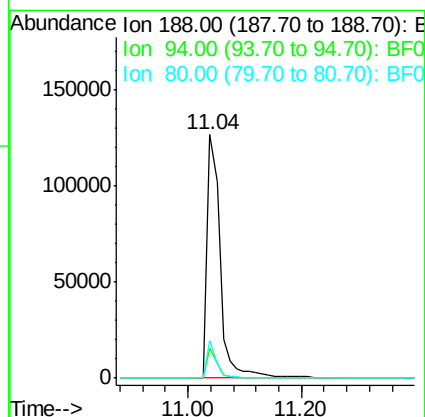
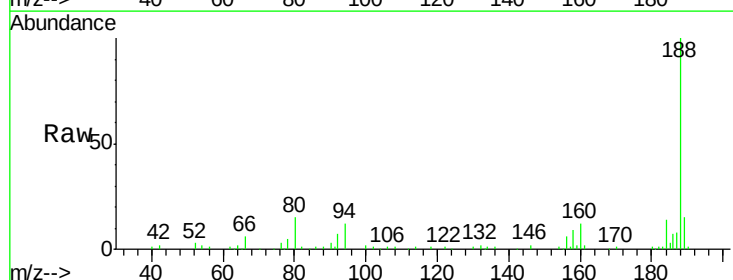
Instrument :
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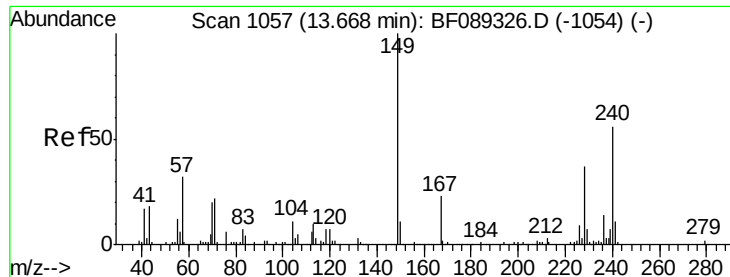
Tgt Ion:172 Resp: 627953
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.2 43.8
 170 23.2 19.2 28.8



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.04 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF089348.D
 Acq: 28 Jul 2016 5:59

Tgt Ion:188 Resp: 193799
 Ion Ratio Lower Upper
 188 100
 94 12.4 6.5 9.7#
 80 15.3 7.2 10.8#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.67 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BF089348.D

Acq: 28 Jul 2016 5:59

Instrument :

BNA_F

ClientSampleId :

I-18

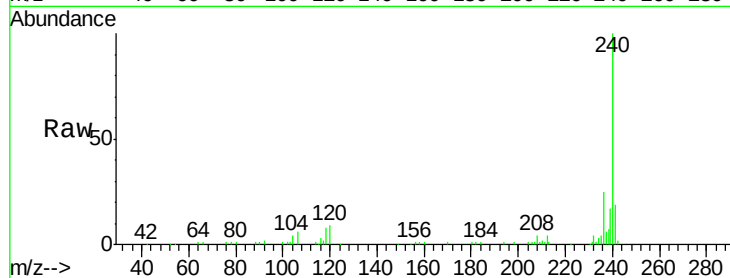
Tgt Ion:240 Resp: 144917

Ion Ratio Lower Upper

240 100

120 9.0 9.1 13.7#

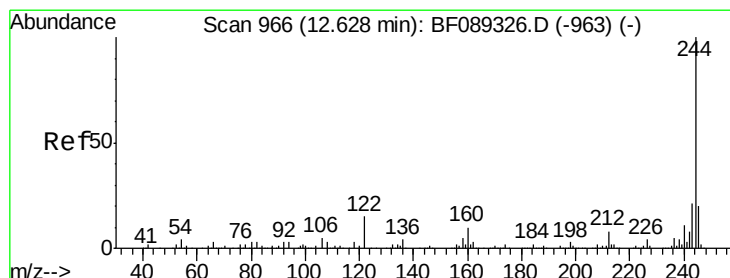
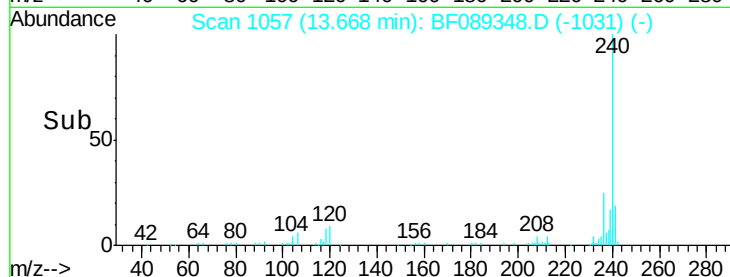
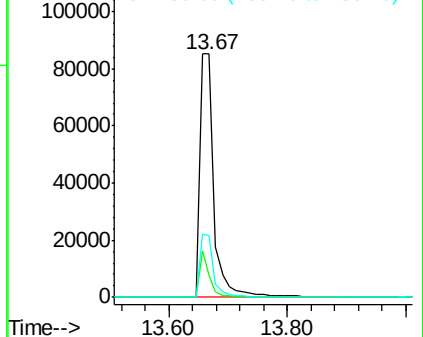
236 25.3 20.6 30.8



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: 90.63 ng

RT: 12.63 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF089348.D

Acq: 28 Jul 2016 5:59

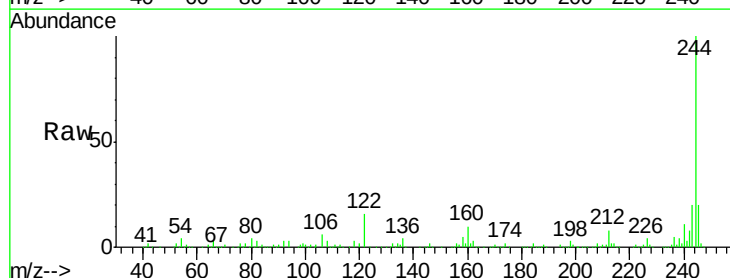
Tgt Ion:244 Resp: 561152

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

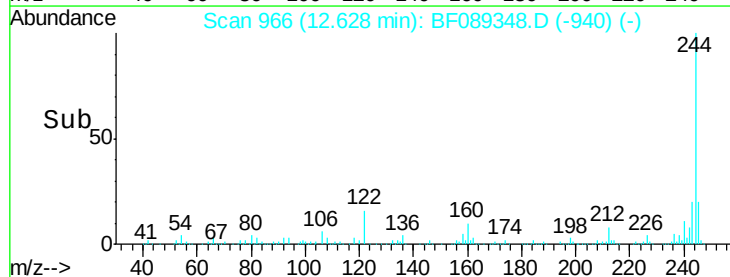
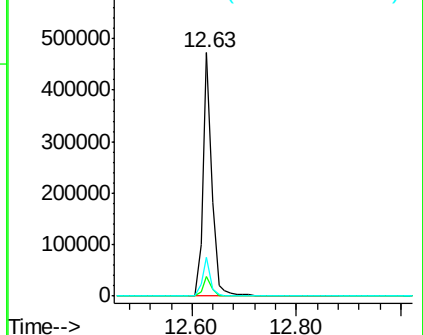
122 16.0 11.4 17.0

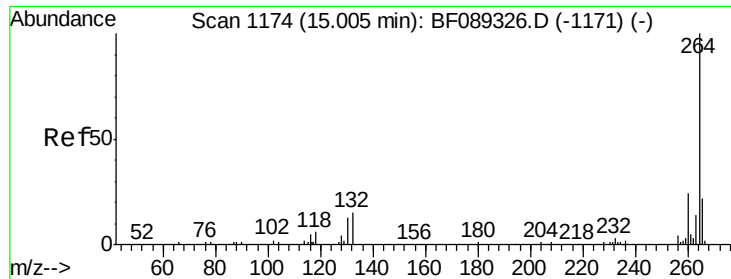


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



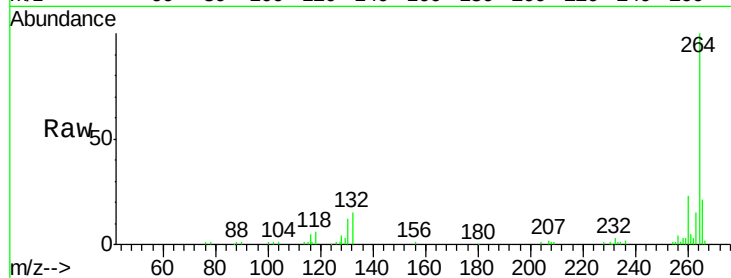


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.01 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF089348.D
Acq: 28 Jul 2016 5:59

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 264 Resp: 108890

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.0	28.4
265	21.2	17.5	26.3



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

