

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073016\
 Data File : BF089423.D
 Acq On : 29 Jul 2016 22:08
 Operator : UM/SJ
 Sample : H4221-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-48-5.5-6.5

Quant Time: Jul 30 01:05:44 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 30 01:00:15 2016
 Response via : Initial Calibration

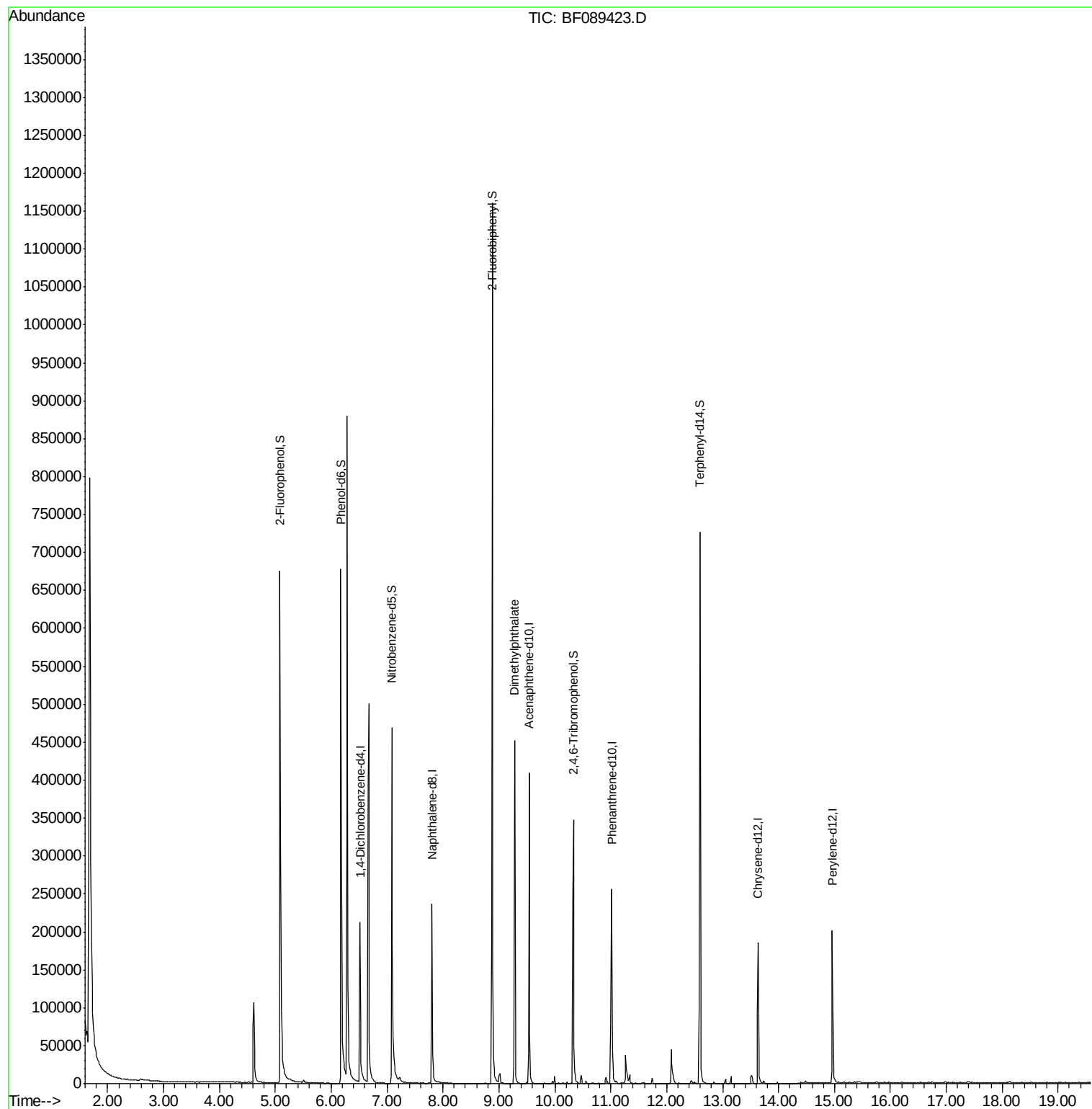
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	43655	20.00	ng	0.00
21) Naphthalene-d8	7.80	136	172595	20.00	ng	0.00
38) Acenaphthene-d10	9.54	164	80294	20.00	ng	0.00
63) Phenanthrene-d10	11.02	188	123476	20.00	ng	0.00
75) Chrysene-d12	13.63	240	85911	20.00	ng	0.00
86) Perylene-d12	14.96	264	92114	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	261966	95.82	ng	0.00
7) Phenol-d6	6.17	99	336349	93.09	ng	-0.01
23) Nitrobenzene-d5	7.08	82	217310	74.32	ng	-0.01
41) 2,4,6-Tribromophenol	10.33	330	51784	77.87	ng	0.00
44) 2-Fluorobiphenyl	8.88	172	381657	69.76	ng	0.00
78) Terphenyl-d14	12.59	244	226711	61.76	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.28	163	173654	28.42	ng	Qvalue 99

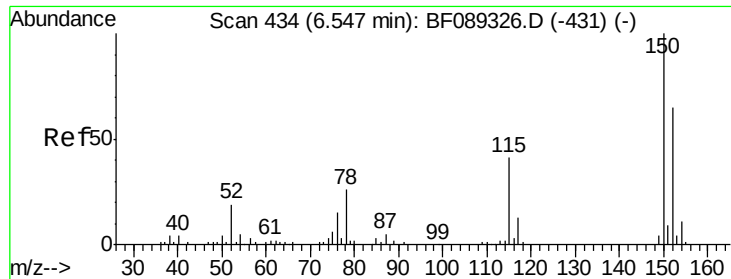
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jul 30 01:00:15 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.51 min Scan# 431

Delta R.T. 0.00 min

Lab File: BF089423.D

Acq: 29 Jul 2016 22:08

Instrument :

BNA_F

ClientSampleId :

SB-48-5.5-6.5

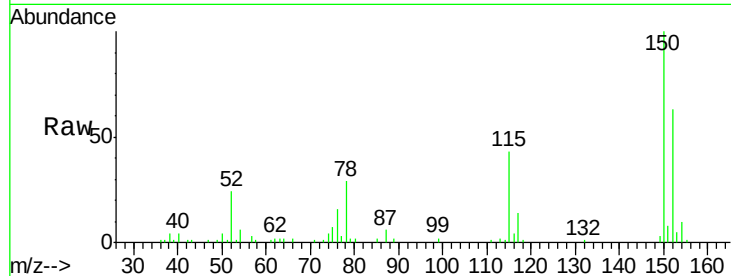
Tgt Ion:152 Resp: 43655

Ion Ratio Lower Upper

152 100

150 158.1 129.5 194.3

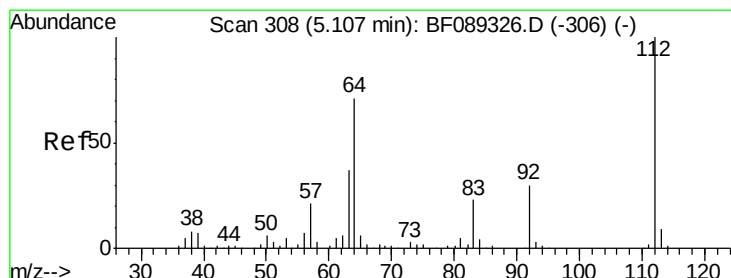
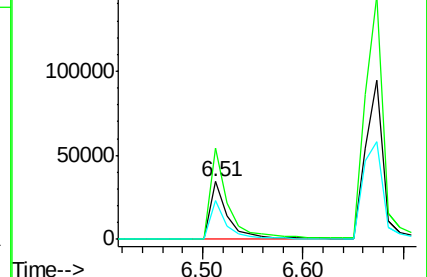
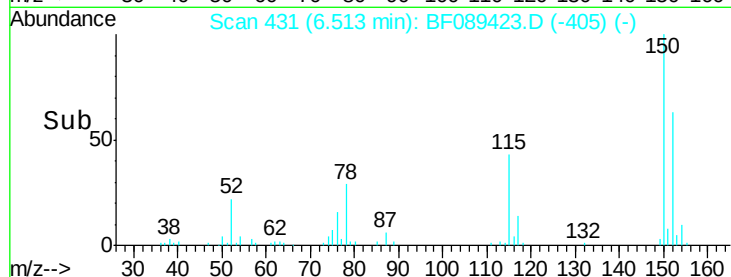
115 67.5 51.4 77.2



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: 95.82 ng

RT: 5.08 min Scan# 306

Delta R.T. 0.00 min

Lab File: BF089423.D

Acq: 29 Jul 2016 22:08

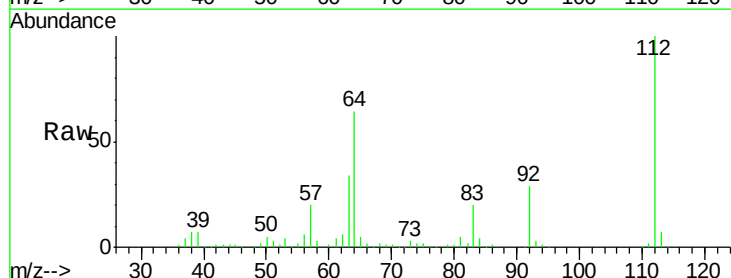
Tgt Ion:112 Resp: 261966

Ion Ratio Lower Upper

112 100

64 63.5 55.0 82.6

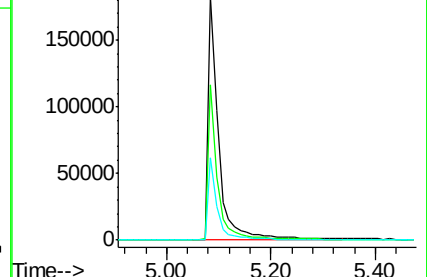
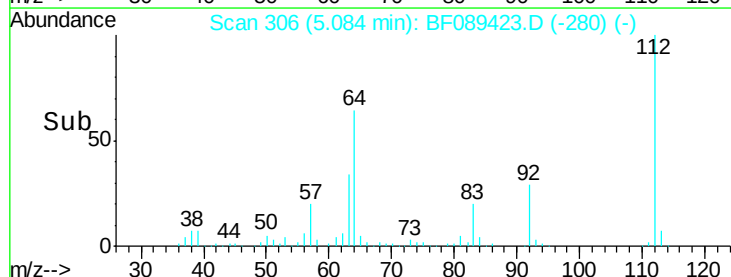
63 34.0 29.4 44.2

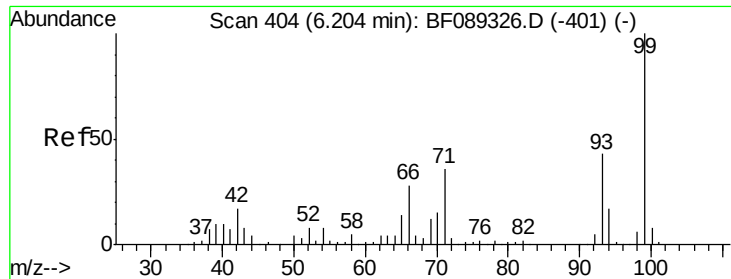


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 93.09 ng

RT: 6.17 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF089423.D

Acq: 29 Jul 2016 22:08

Instrument :

BNA_F

ClientSampleId :

SB-48-5.5-6.5

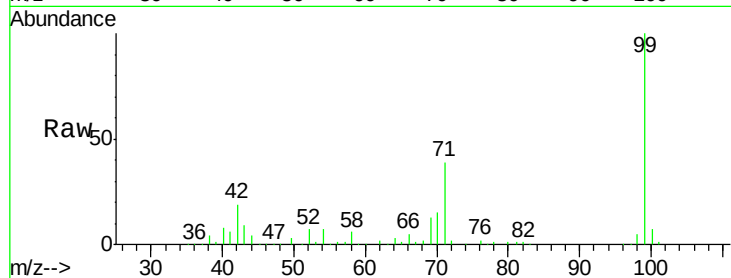
Tgt Ion: 99 Resp: 336349

Ion Ratio Lower Upper

99 100

42 18.8 13.6 20.4

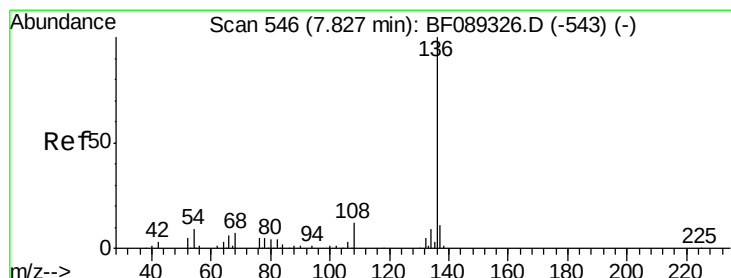
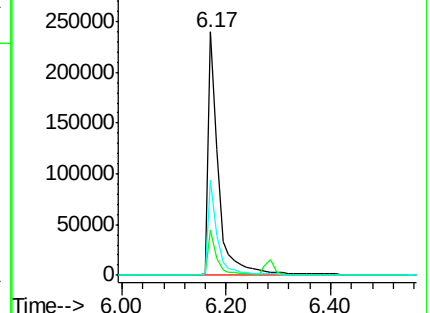
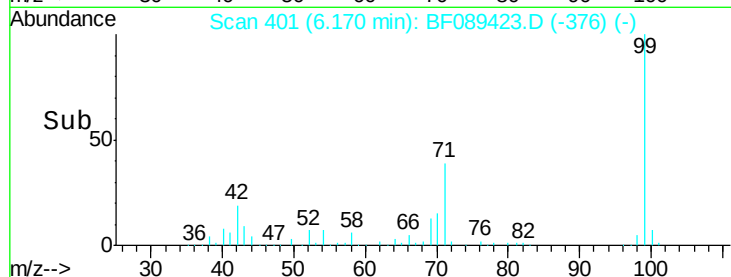
71 38.9 29.4 44.2



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: 7.80 min Scan# 544

Delta R.T. 0.00 min

Lab File: BF089423.D

Acq: 29 Jul 2016 22:08

Tgt Ion: 136 Resp: 172595

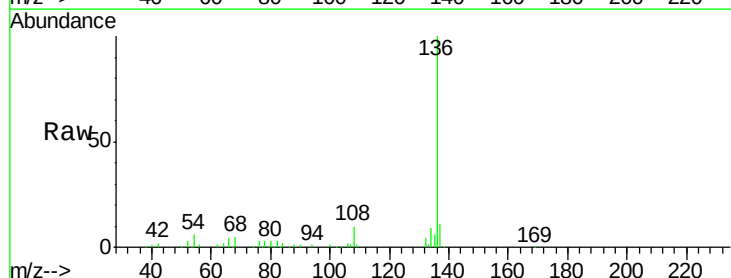
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 5.9 7.0 10.4#

68 4.6 4.9 7.3#

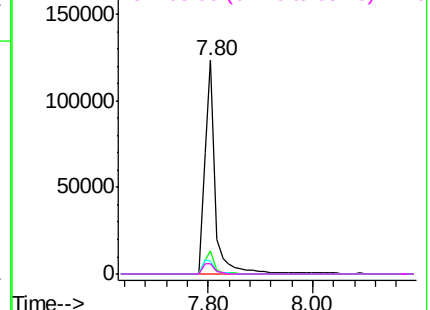
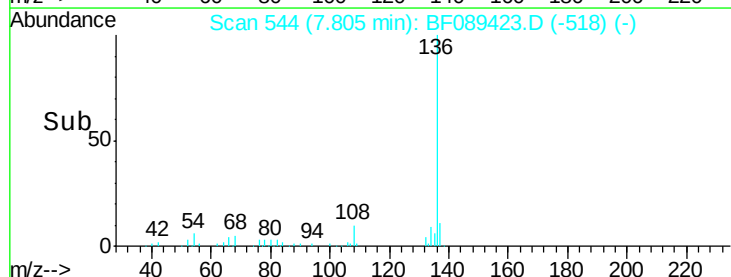


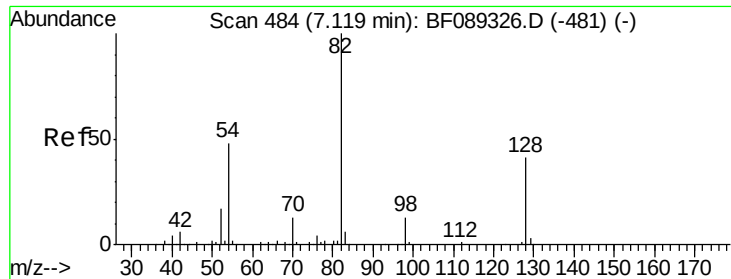
Abundance Ion 136.00 (135.70 to 136.70): E

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

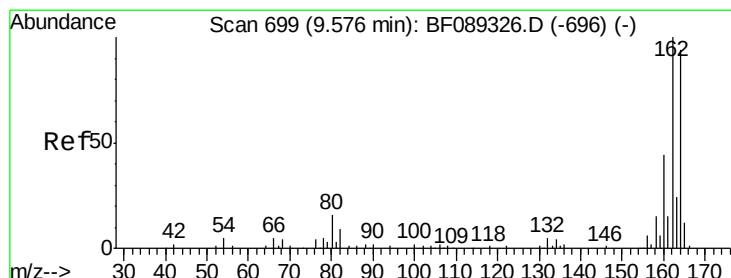
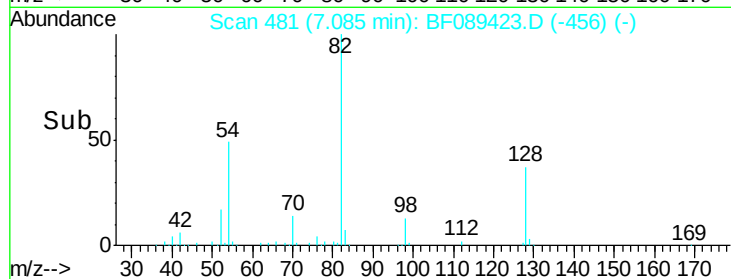
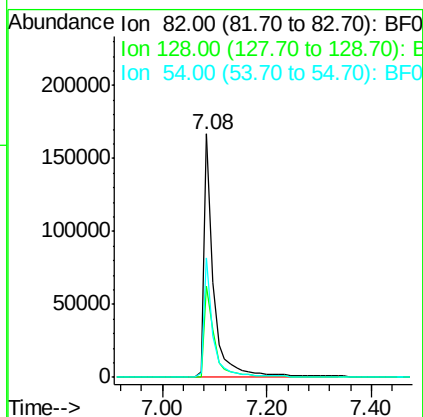
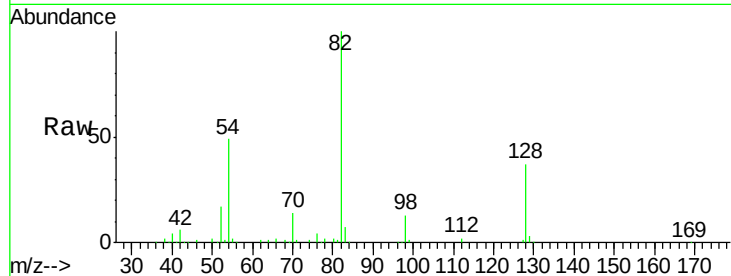




#23
 Nitrobenzene-d5
 Concen: 74.32 ng
 RT: 7.08 min Scan# 481
 Delta R.T. -0.01 min
 Lab File: BF089423.D
 Acq: 29 Jul 2016 22:08

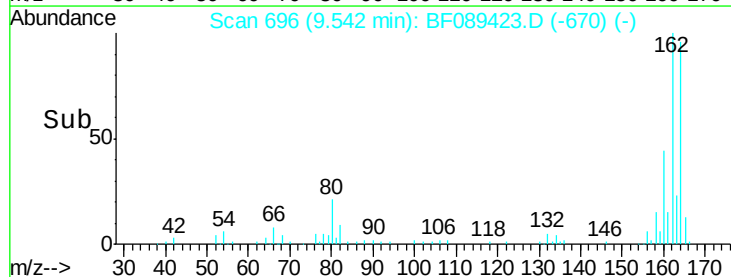
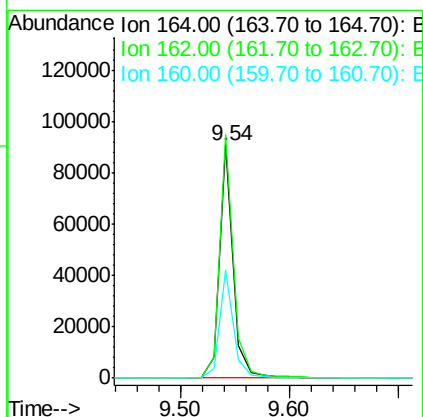
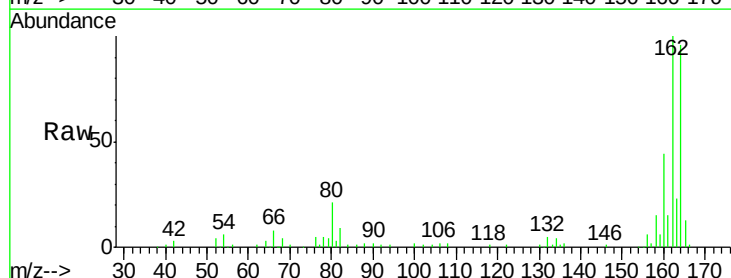
Instrument :
 BNA_F
 ClientSampleId :
 SB-48-5.5-6.5

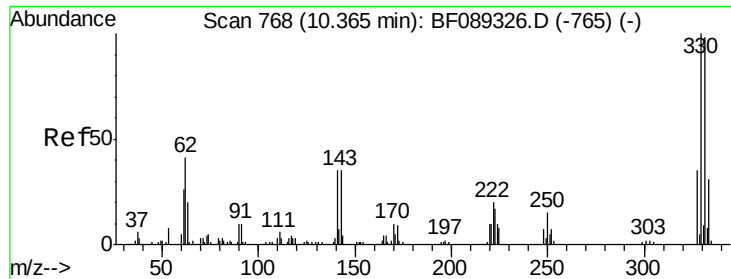
Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.5	32.5	48.7
54	49.2	38.8	58.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.54 min Scan# 696
 Delta R.T. 0.00 min
 Lab File: BF089423.D
 Acq: 29 Jul 2016 22:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	83.7	125.5
160	46.1	37.8	56.6

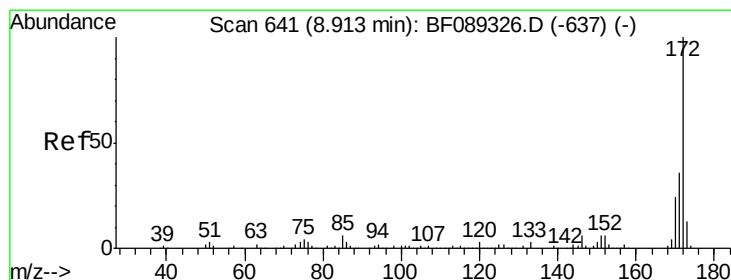
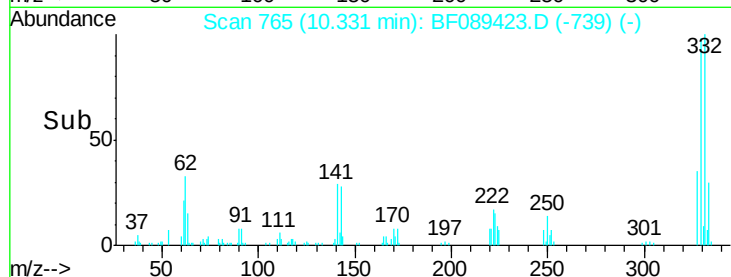
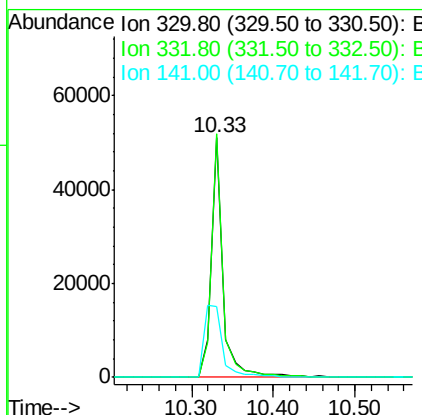
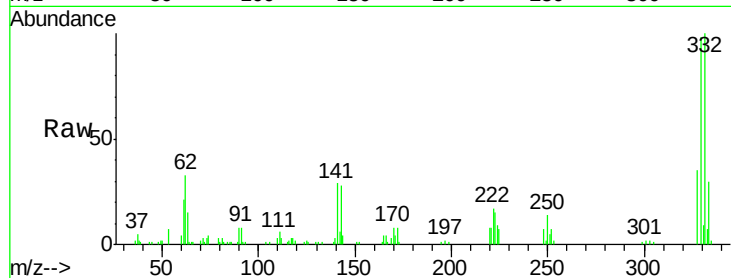




#41
 2,4,6-Tribromophenol
 Concen: 77.87 ng
 RT: 10.33 min Scan# 765
 Delta R.T. 0.00 min
 Lab File: BF089423.D
 Acq: 29 Jul 2016 22:08

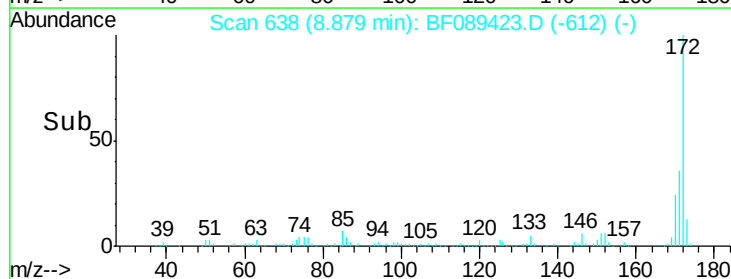
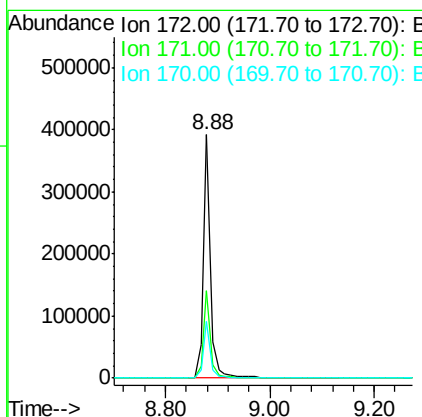
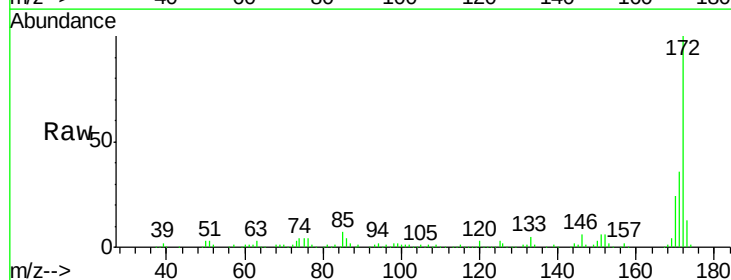
Instrument :
 BNA_F
 ClientSampleId :
 SB-48-5.5-6.5

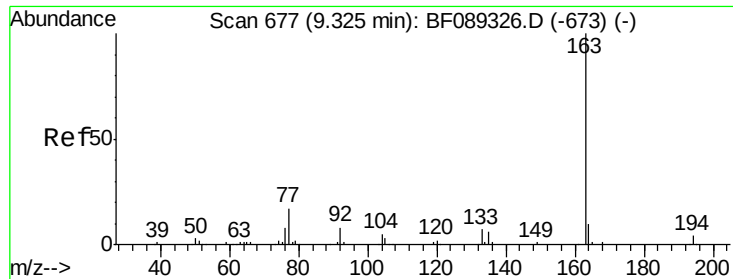
Tgt Ion	Ratio	Lower	Upper
330	100		
332	99.3	76.8	115.2
141	47.5	37.3	55.9



#44
 2-Fluorobiphenyl
 Concen: 69.76 ng
 RT: 8.88 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: BF089423.D
 Acq: 29 Jul 2016 22:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.2	43.8
170	23.5	19.2	28.8

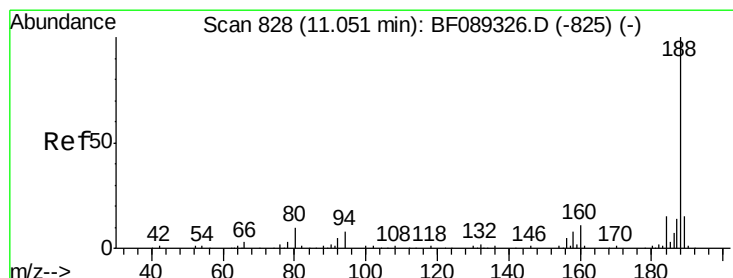
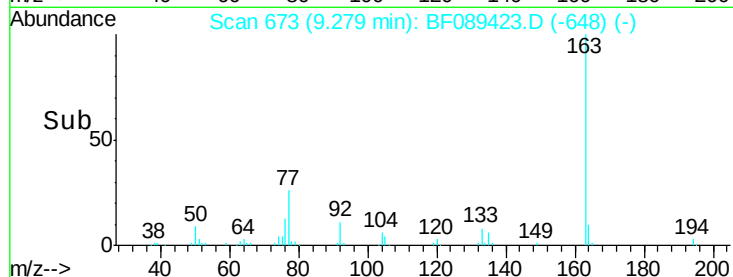
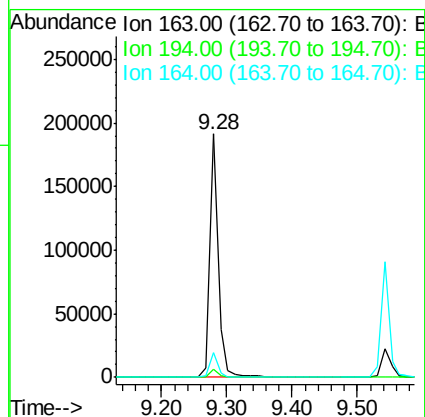
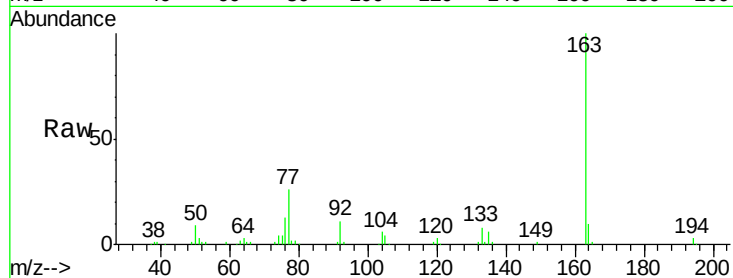




#49
Dimethylphthalate
Concen: 28.42 ng
RT: 9.28 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF089423.D
Acq: 29 Jul 2016 22:08

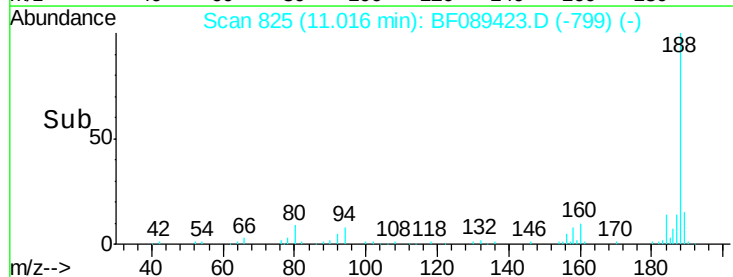
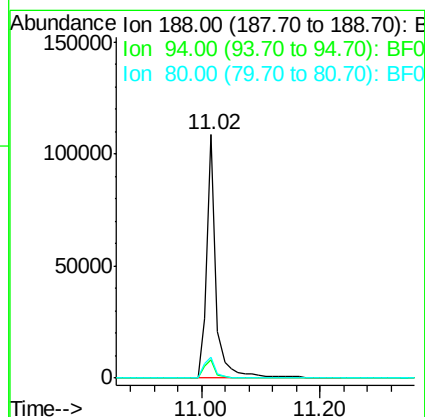
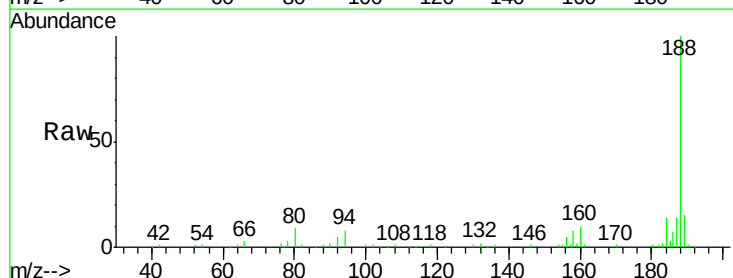
Instrument :
BNA_F
ClientSampleId :
SB-48-5.5-6.5

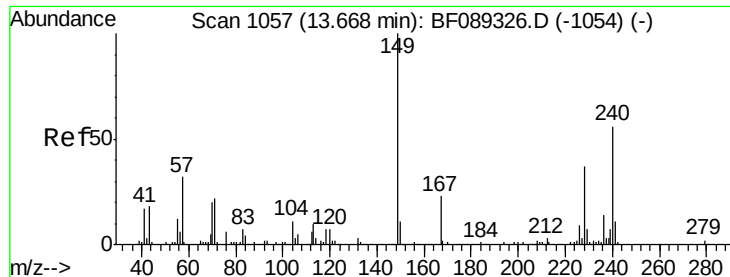
Tgt Ion:163 Resp: 173654
Ion Ratio Lower Upper
163 100
194 3.1 2.8 4.2
164 10.1 7.8 11.8



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.02 min Scan# 825
Delta R.T. 0.00 min
Lab File: BF089423.D
Acq: 29 Jul 2016 22:08

Tgt Ion:188 Resp: 123476
Ion Ratio Lower Upper
188 100
94 7.6 6.5 9.7
80 8.6 7.2 10.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.63 min Scan# 1054

Delta R.T. 0.00 min

Lab File: BF089423.D

Acq: 29 Jul 2016 22:08

Instrument :

BNA_F

ClientSampleId :

SB-48-5.5-6.5

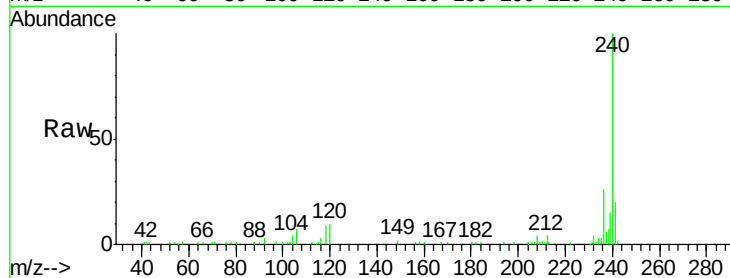
Tgt Ion:240 Resp: 85911

Ion Ratio Lower Upper

240 100

120 9.6 9.1 13.7

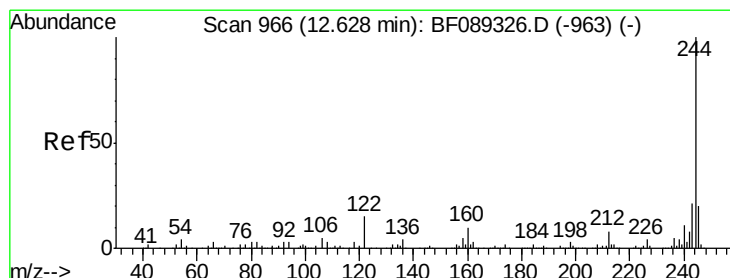
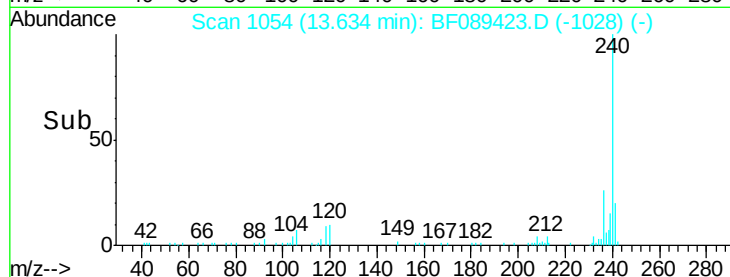
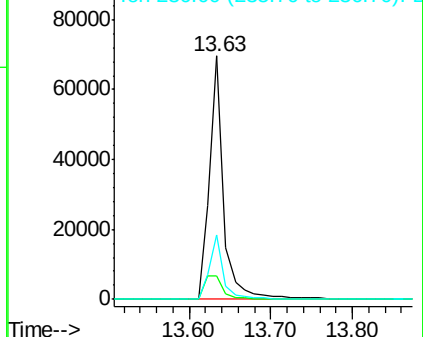
236 26.2 20.6 30.8



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: 61.76 ng

RT: 12.59 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF089423.D

Acq: 29 Jul 2016 22:08

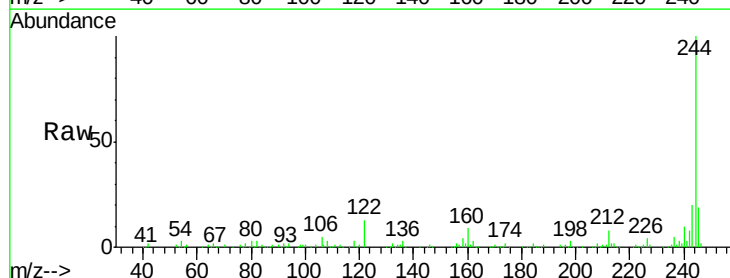
Tgt Ion:244 Resp: 226711

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

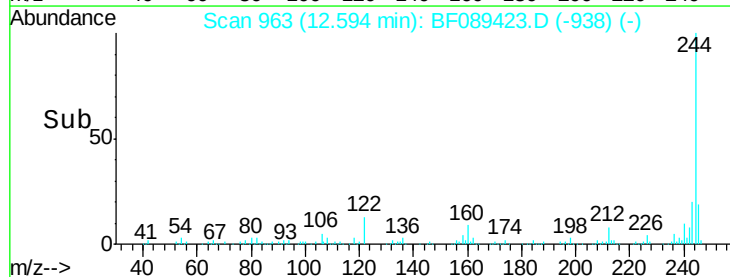
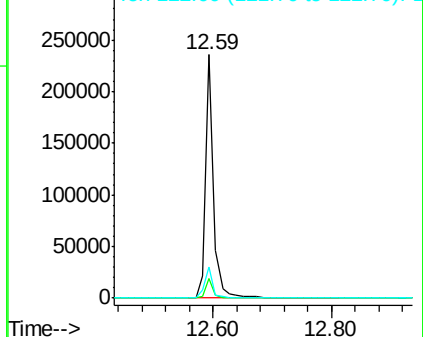
122 12.9 11.4 17.0

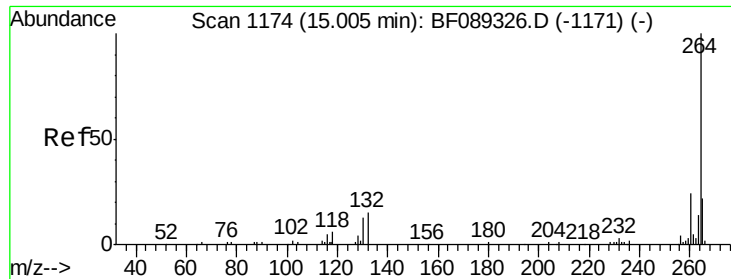


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

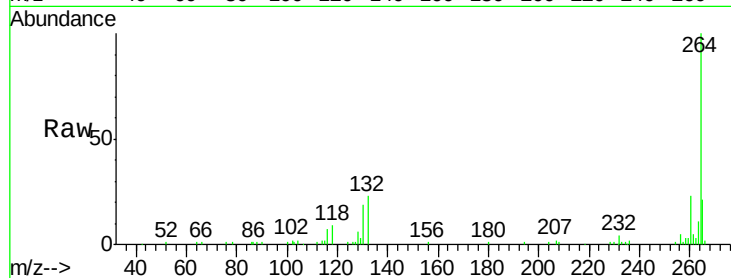




#86
Perylene-d12
Concen: 20.00 ng
RT: 14.96 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF089423.D
Acq: 29 Jul 2016 22:08

Instrument :
BNA_F
ClientSampleId :
SB-48-5.5-6.5

Tgt Ion: 264 Resp: 92114
Ion Ratio Lower Upper
264 100
260 23.1 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

