

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072916\
 Data File : BF089369.D
 Acq On : 28 Jul 2016 18:21
 Operator : UM/SJ
 Sample : H4242-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-49-10.75-15.0

Quant Time: Jul 29 01:57:29 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 16:02:32 2016
 Response via : Initial Calibration

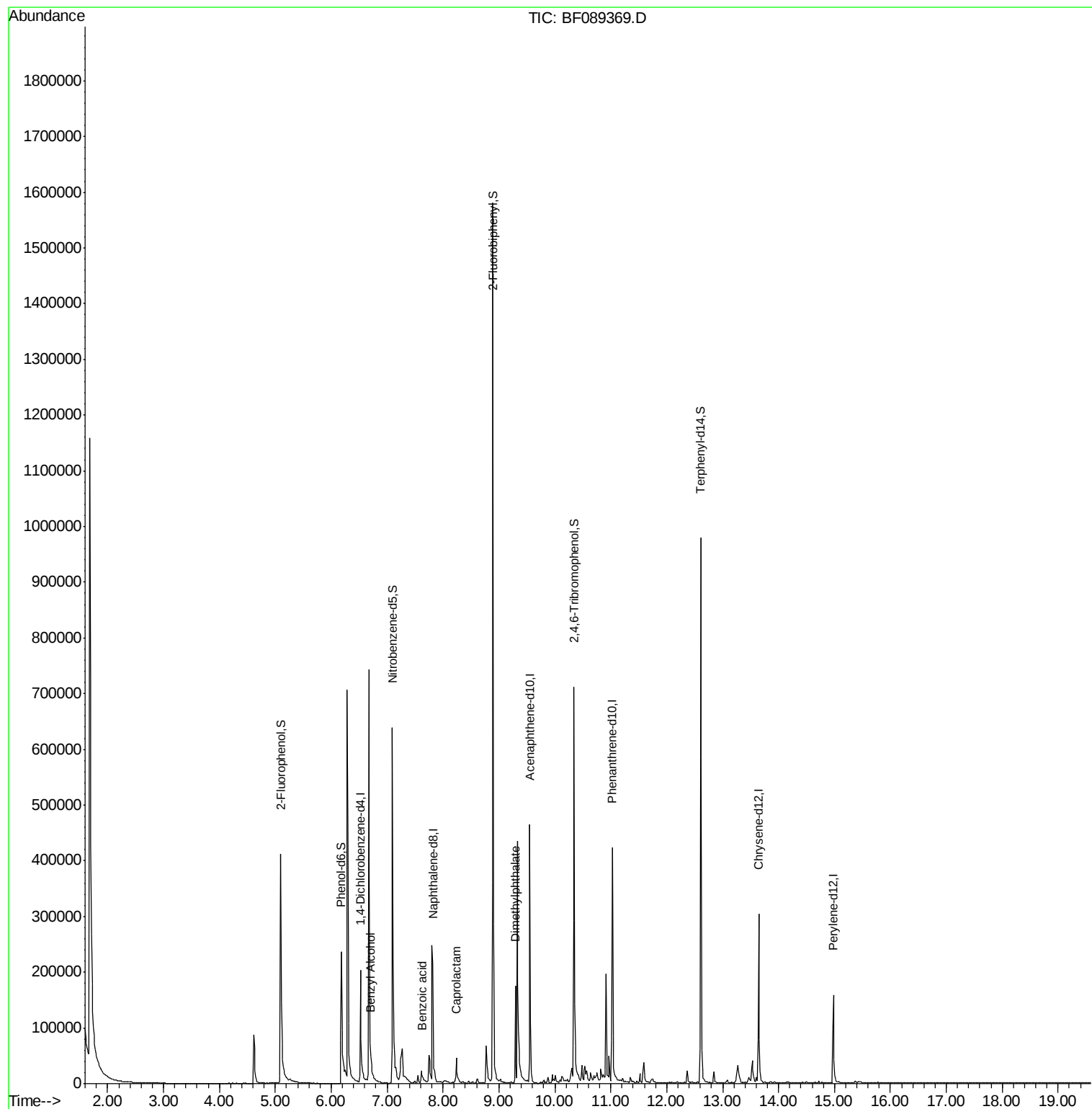
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	44907	20.00	ng	-0.02
21) Naphthalene-d8	7.82	136	190493	20.00	ng	-0.01
38) Acenaphthene-d10	9.55	164	94139	20.00	ng	-0.02
63) Phenanthrene-d10	11.03	188	176113	20.00	ng	-0.02
75) Chrysene-d12	13.65	240	111292	20.00	ng	-0.02
86) Perylene-d12	14.98	264	83929	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	174998	62.22	ng	-0.01
7) Phenol-d6	6.18	99	153636	41.34	ng	-0.02
23) Nitrobenzene-d5	7.10	82	288081	89.26	ng	-0.02
41) 2,4,6-Tribromophenol	10.34	330	85556	109.73	ng	-0.02
44) 2-Fluorobiphenyl	8.89	172	523755	81.65	ng	-0.02
78) Terphenyl-d14	12.61	244	387958	81.59	ng	-0.02
Target Compounds						Qvalue
15) Benzyl Alcohol	6.71	79	13281	5.76	ng	93
32) Benzoic acid	7.62	122	8107	4.45	ng	96
35) Caprolactam	8.24	113	6815	9.47	ng	89
49) Dimethylphthalate	9.29	163	70040	9.78	ng	99

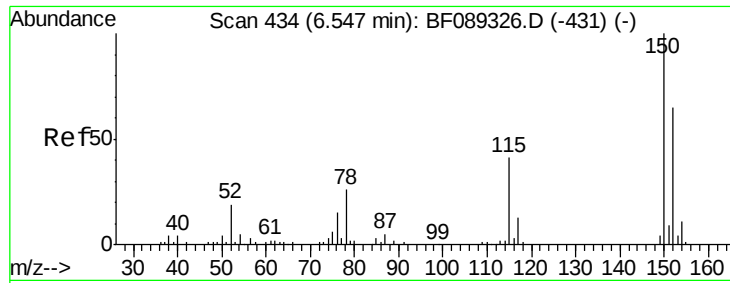
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.02 min

Lab File: BF089369.D

Acq: 28 Jul 2016 18:21

Instrument :

BNA_F

ClientSampleId :

GW-49-10.75-15.0

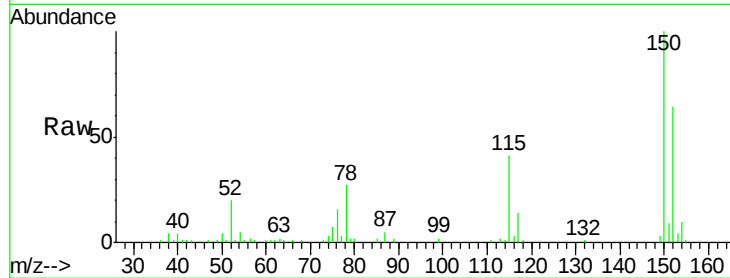
Tgt Ion:152 Resp: 44907

Ion Ratio Lower Upper

152 100

150 157.1 129.5 194.3

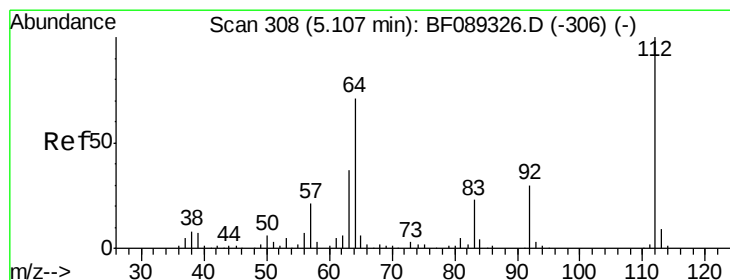
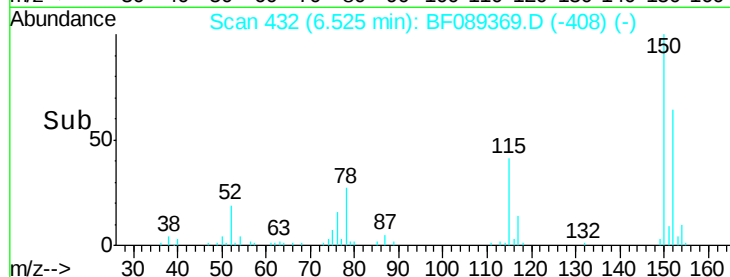
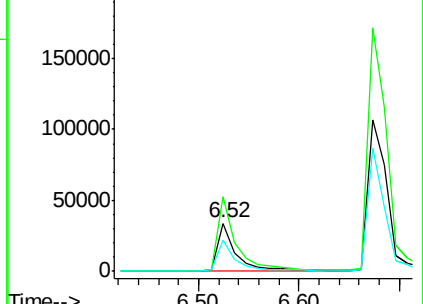
115 65.0 51.4 77.2



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: 62.22 ng

RT: 5.10 min Scan# 307

Delta R.T. -0.01 min

Lab File: BF089369.D

Acq: 28 Jul 2016 18:21

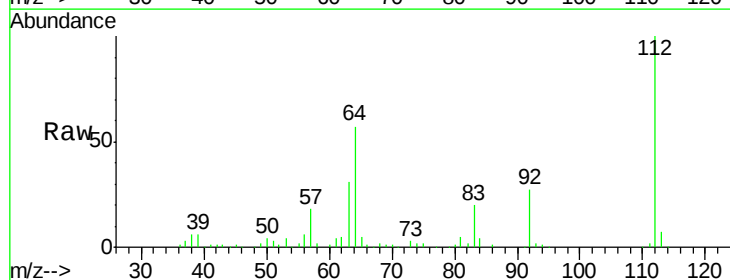
Tgt Ion:112 Resp: 174998

Ion Ratio Lower Upper

112 100

64 57.3 55.0 82.6

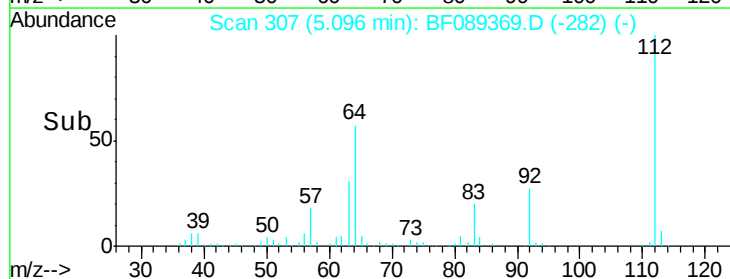
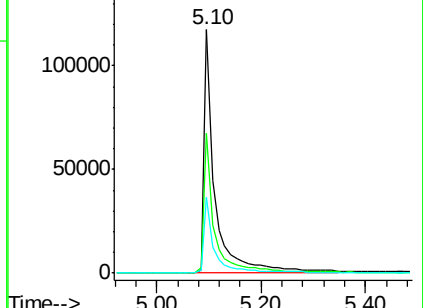
63 31.0 29.4 44.2

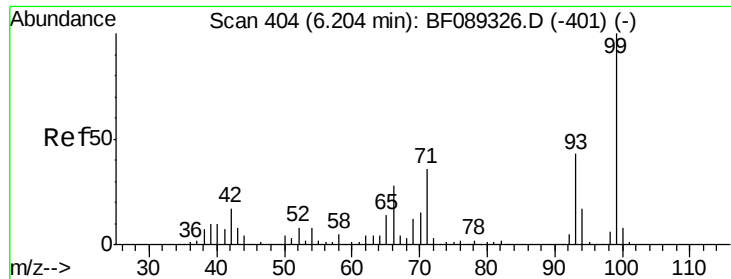


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 41.34 ng

RT: 6.18 min Scan# 402

Delta R.T. -0.02 min

Lab File: BF089369.D

Acq: 28 Jul 2016 18:21

Instrument :

BNA_F

ClientSampleId :

GW-49-10.75-15.0

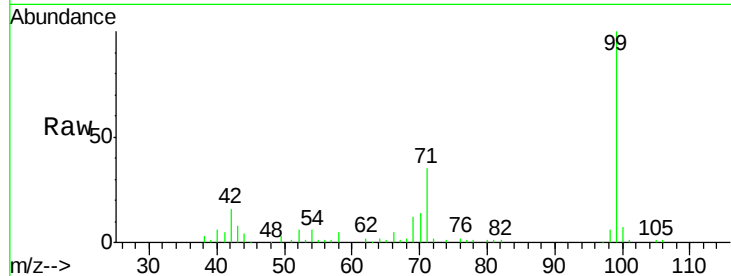
Tgt Ion: 99 Resp: 153636

Ion Ratio Lower Upper

99 100

42 15.8 13.6 20.4

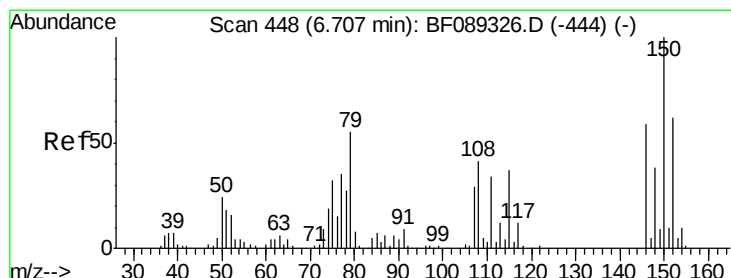
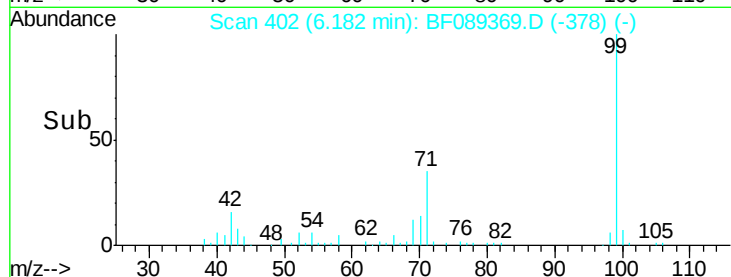
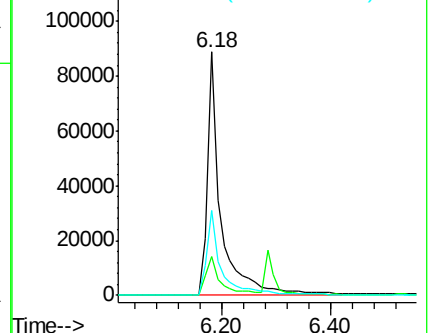
71 34.6 29.4 44.2



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



#15

Benzyl Alcohol

Concen: 5.76 ng

RT: 6.71 min Scan# 448

Delta R.T. 0.00 min

Lab File: BF089369.D

Acq: 28 Jul 2016 18:21

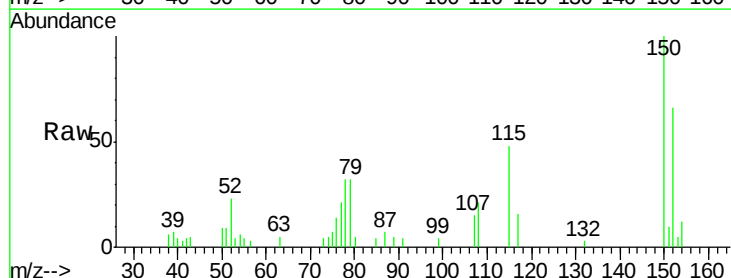
Tgt Ion: 79 Resp: 13281

Ion Ratio Lower Upper

79 100

108 64.4 59.8 89.6

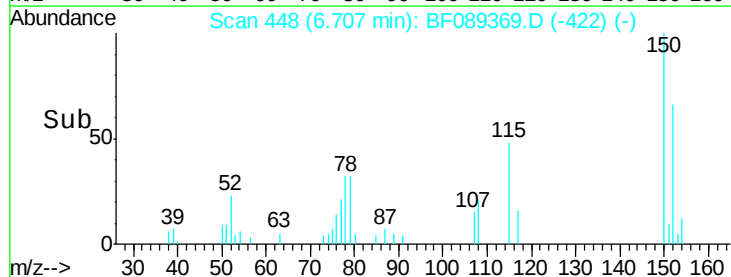
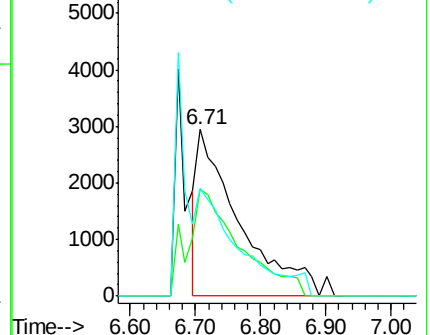
77 65.0 51.7 77.5

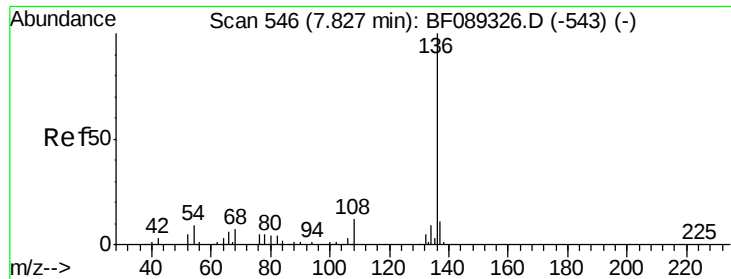


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

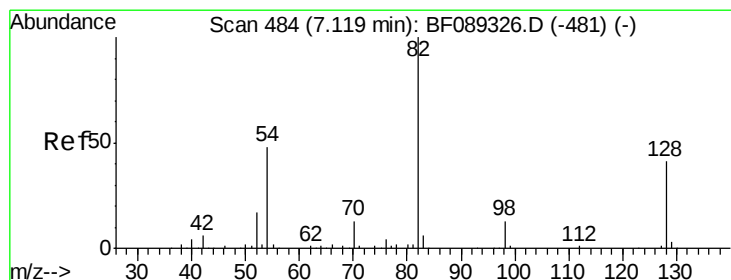
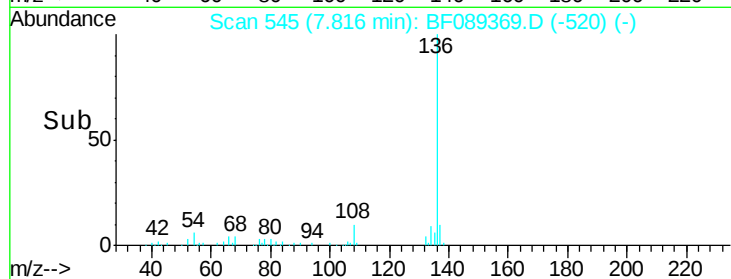
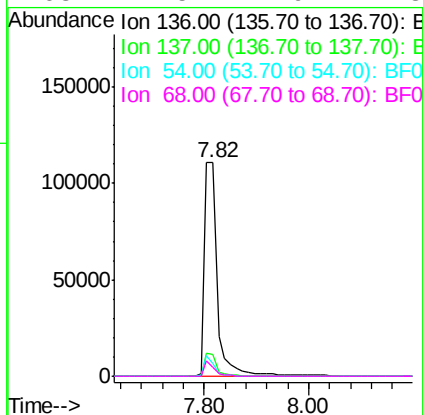
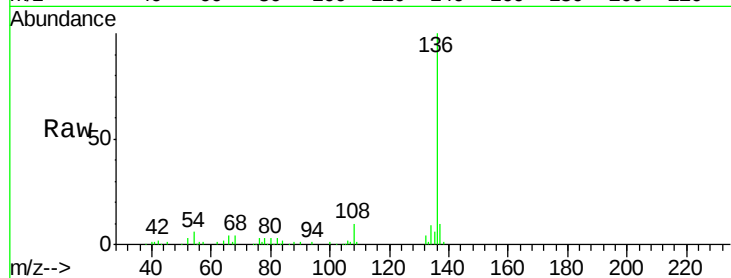




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.82 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF089369.D
Acq: 28 Jul 2016 18:21

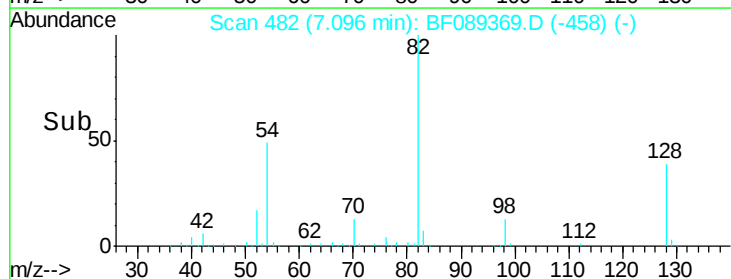
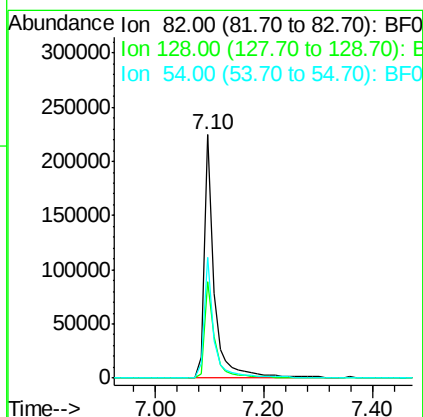
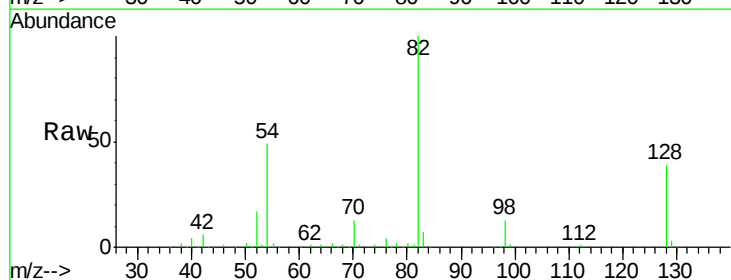
Instrument :
BNA_F
ClientSampleId :
GW-49-10.75-15.0

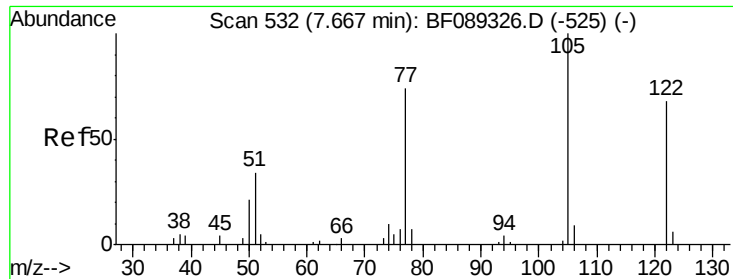
Tgt Ion:	136	Resp:	190493
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.6	13.0
54	5.8	7.0	10.4#
68	4.5	4.9	7.3#



#23
Nitrobenzene-d5
Concen: 89.26 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.02 min
Lab File: BF089369.D
Acq: 28 Jul 2016 18:21

Tgt Ion:	82	Resp:	288081
Ion	Ratio	Lower	Upper
82	100		
128	39.4	32.5	48.7
54	49.4	38.8	58.2

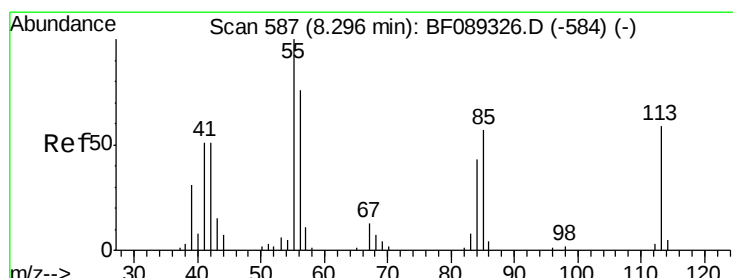
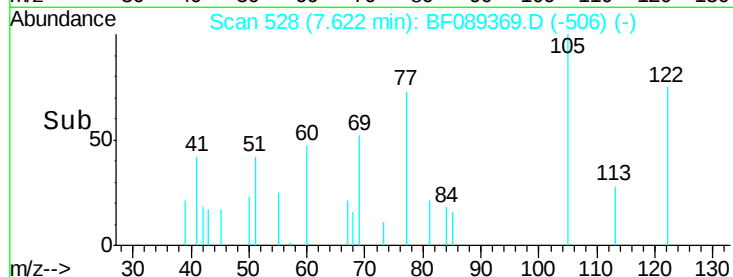
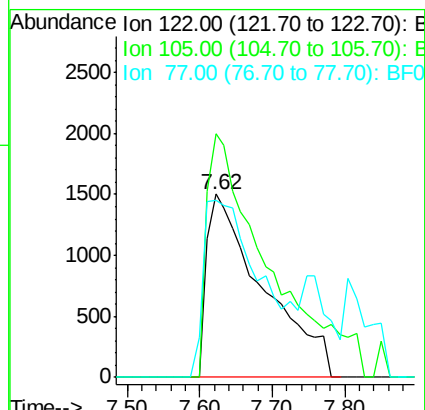
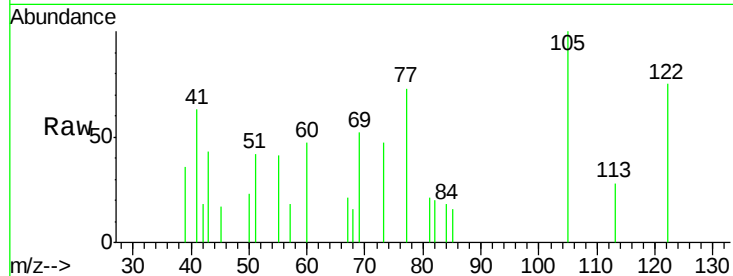




#32
Benzoic acid
Concen: 4.45 ng
RT: 7.62 min Scan# 528
Delta R.T. -0.05 min
Lab File: BF089369.D
Acq: 28 Jul 2016 18:21

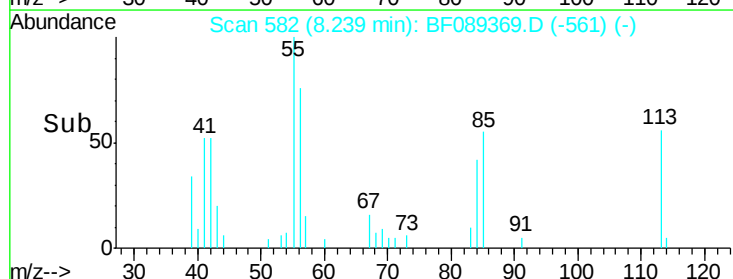
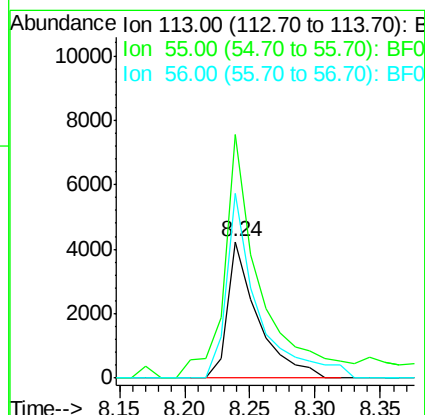
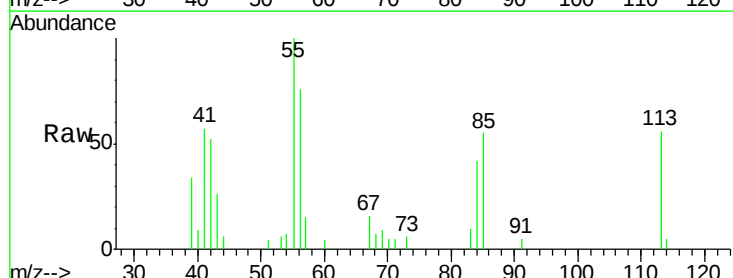
Instrument :
BNA_F
ClientSampleId :
GW-49-10.75-15.0

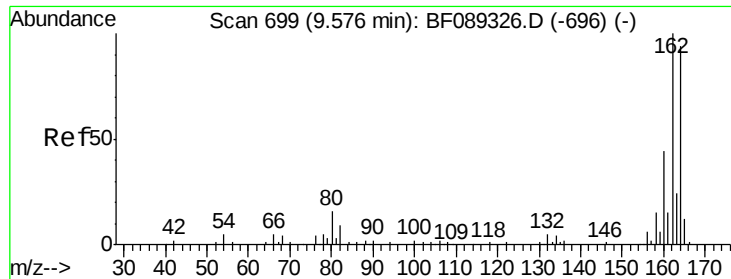
Tgt Ion:122 Resp: 8107
Ion Ratio Lower Upper
122 100
105 133.1 106.4 146.4
77 97.1 76.4 116.4



#35
Caprolactam
Concen: 9.47 ng
RT: 8.24 min Scan# 582
Delta R.T. -0.06 min
Lab File: BF089369.D
Acq: 28 Jul 2016 18:21

Tgt Ion:113 Resp: 6815
Ion Ratio Lower Upper
113 100
55 178.7 142.3 182.3
56 136.1 105.8 145.8

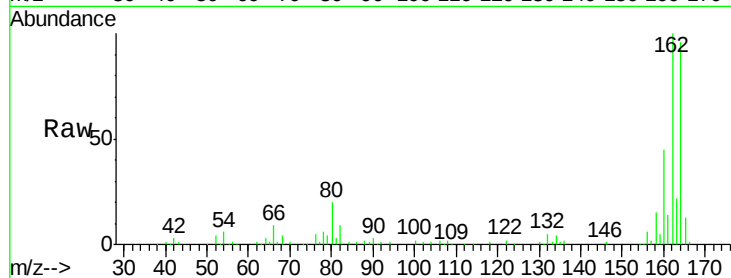




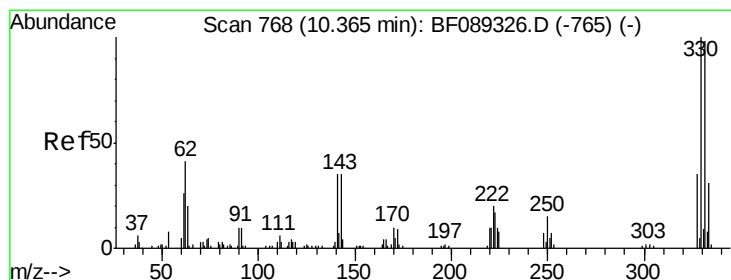
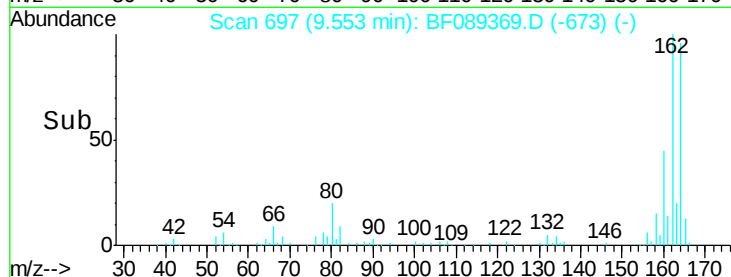
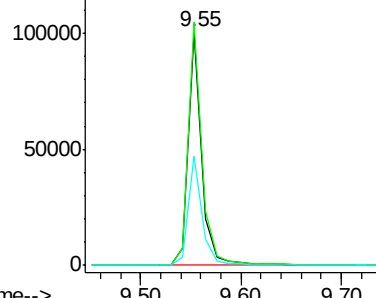
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.55 min Scan# 697
Delta R.T. -0.02 min
Lab File: BF089369.D
Acq: 28 Jul 2016 18:21

Instrument :
BNA_F
ClientSampleId :
GW-49-10.75-15.0

Tgt Ion:164 Resp: 94139
Ion Ratio Lower Upper
164 100
162 104.2 83.7 125.5
160 47.0 37.8 56.6

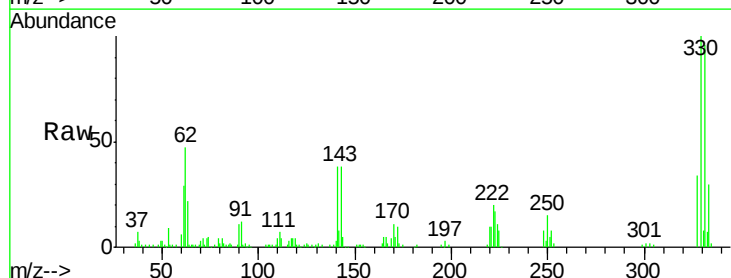


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

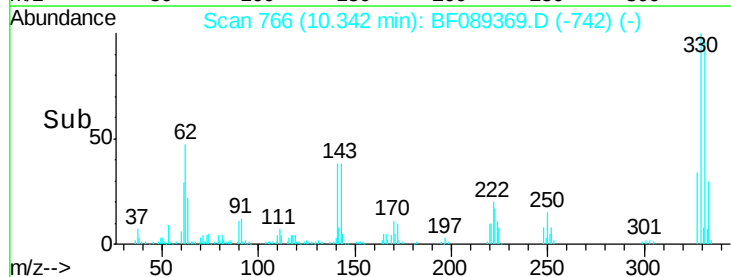
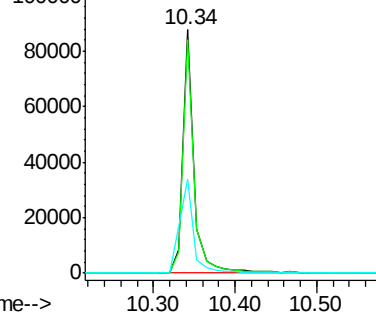


#41
2,4,6-Tribromophenol
Concen: 109.73 ng
RT: 10.34 min Scan# 766
Delta R.T. -0.02 min
Lab File: BF089369.D
Acq: 28 Jul 2016 18:21

Tgt Ion:330 Resp: 85556
Ion Ratio Lower Upper
330 100
332 95.6 76.8 115.2
141 48.5 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

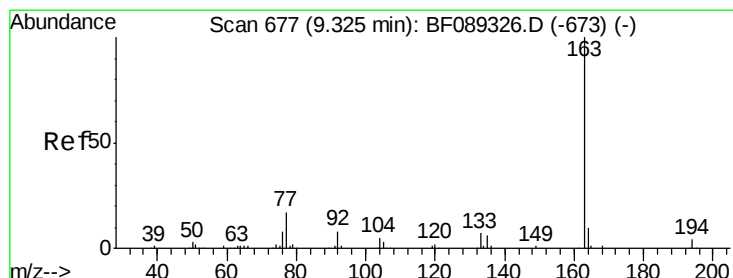
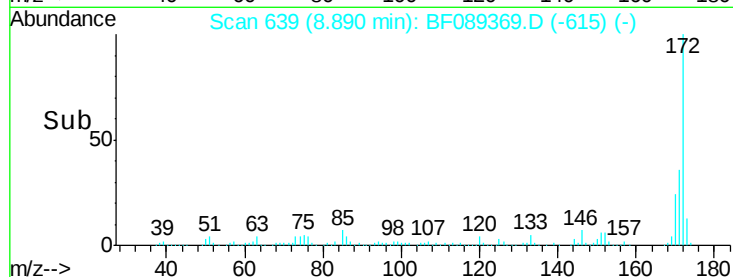
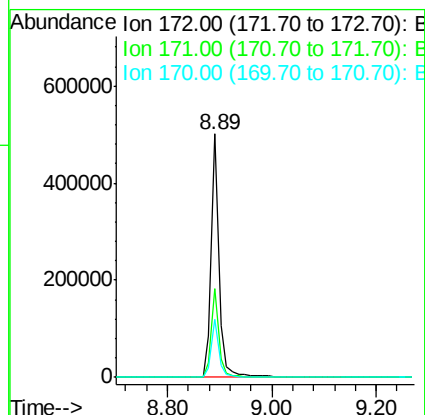
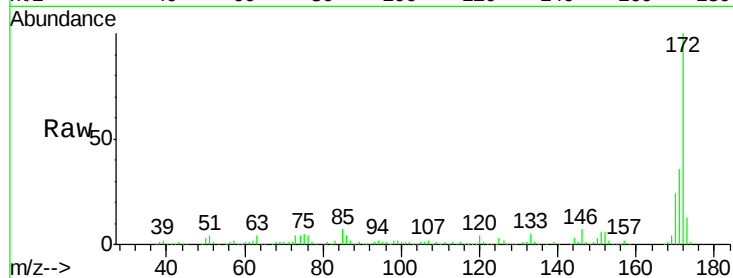




#44
 2-Fluorobiphenyl
 Concen: 81.65 ng
 RT: 8.89 min Scan# 639
 Delta R.T. -0.02 min
 Lab File: BF089369.D
 Acq: 28 Jul 2016 18:21

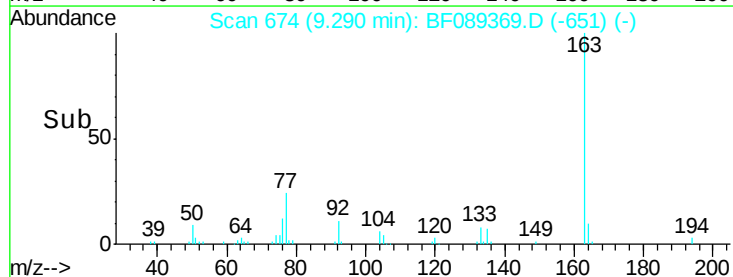
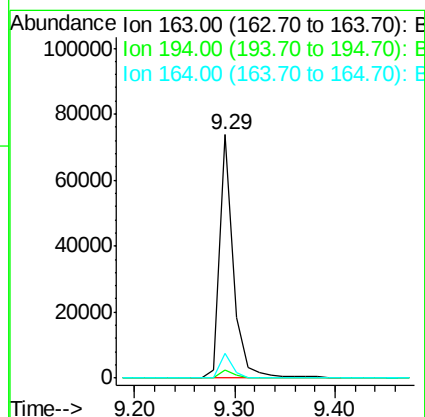
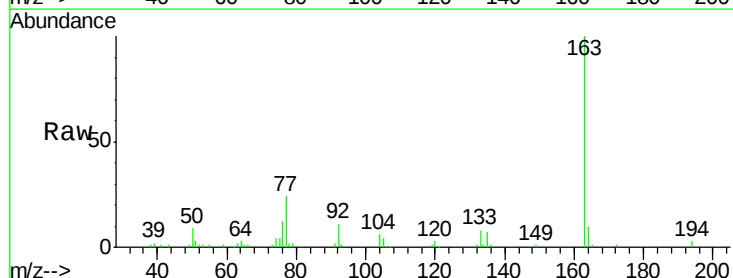
Instrument :
 BNA_F
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 GW-49-10.75-15.0

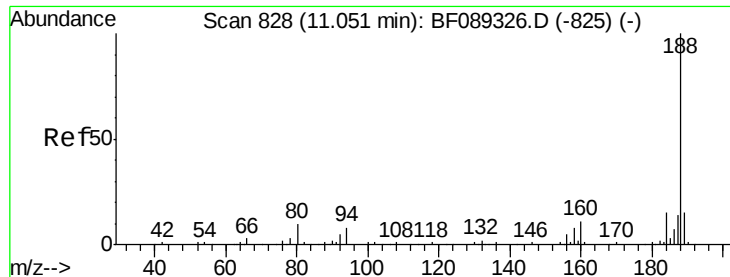
Tgt Ion:172 Resp: 523755
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.2 43.8
 170 23.7 19.2 28.8



#49
 Dimethylphthalate
 Concen: 9.78 ng
 RT: 9.29 min Scan# 674
 Delta R.T. -0.03 min
 Lab File: BF089369.D
 Acq: 28 Jul 2016 18:21

Tgt Ion:163 Resp: 70040
 Ion Ratio Lower Upper
 163 100
 194 3.1 2.8 4.2
 164 10.0 7.8 11.8

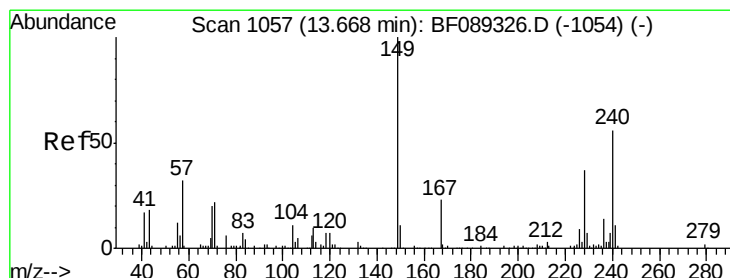
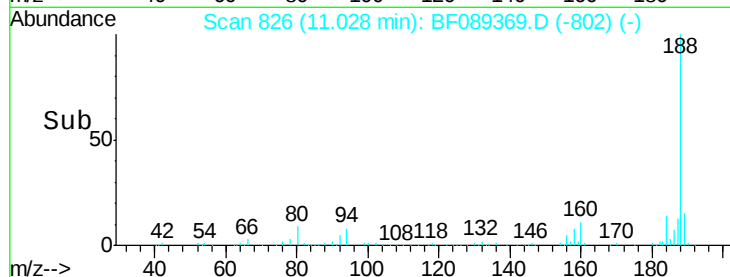
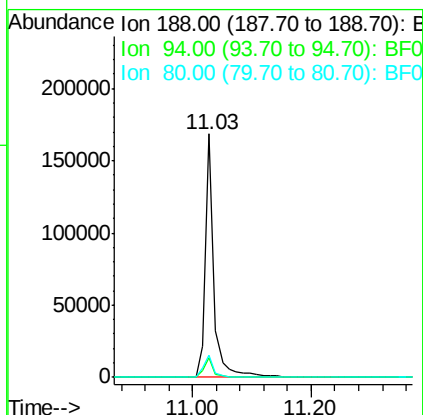
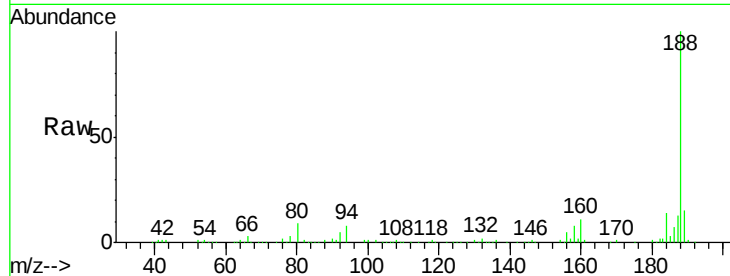




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.03 min Scan# 826
Delta R.T. -0.02 min
Lab File: BF089369.D
Acq: 28 Jul 2016 18:21

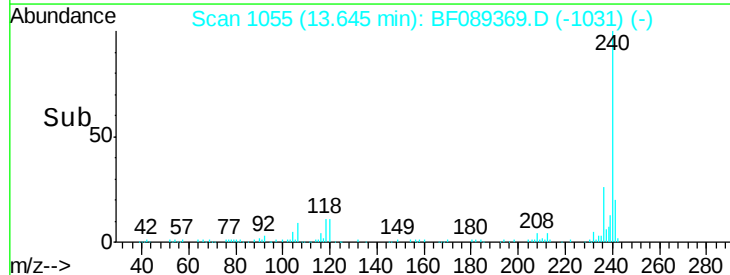
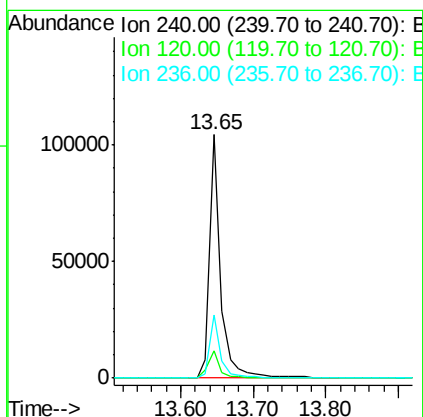
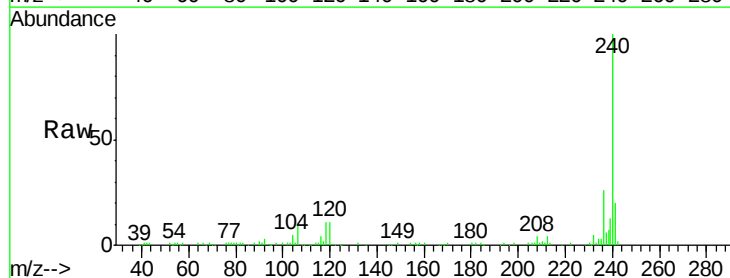
Instrument :
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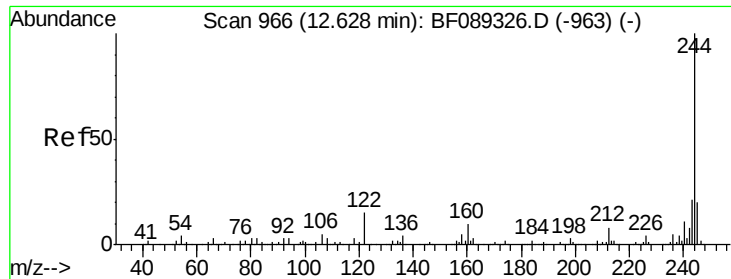
Tgt Ion:188 Resp: 176113
Ion Ratio Lower Upper
188 100
94 8.3 6.5 9.7
80 9.2 7.2 10.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.65 min Scan# 1055
Delta R.T. -0.02 min
Lab File: BF089369.D
Acq: 28 Jul 2016 18:21

Tgt Ion:240 Resp: 111292
Ion Ratio Lower Upper
240 100
120 11.5 9.1 13.7
236 26.1 20.6 30.8

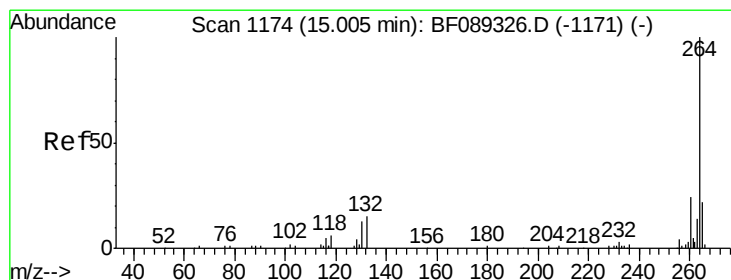
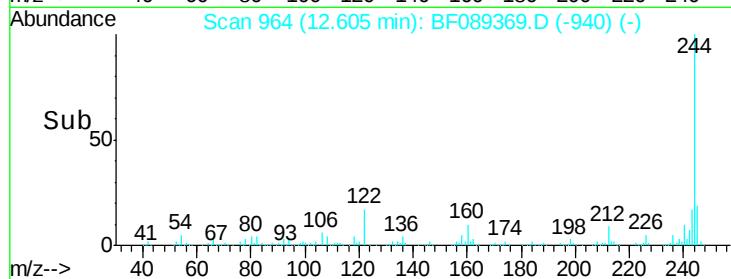
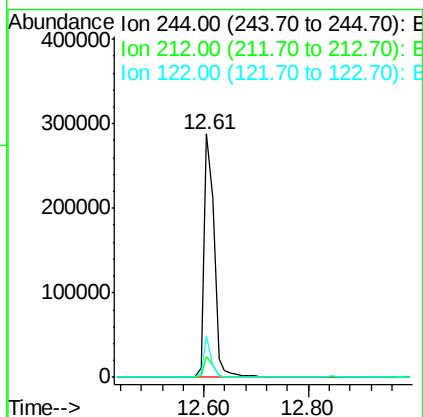
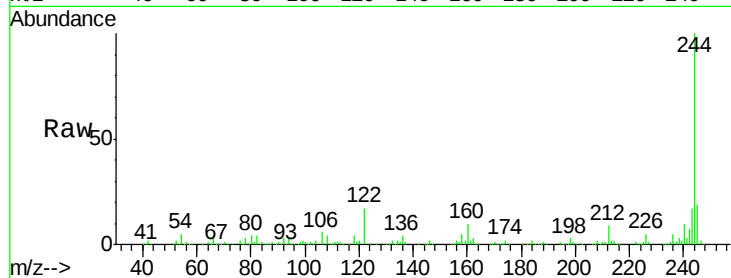




#78
 Terphenyl-d14
 Concen: 81.59 ng
 RT: 12.61 min Scan# 964
 Delta R.T. -0.02 min
 Lab File: BF089369.D
 Acq: 28 Jul 2016 18:21

Instrument :
 BNA_F
 ClientSampleId :
 GW-49-10.75-15.0

Tgt Ion:244 Resp: 387958
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.5 9.7
 122 17.0 11.4 17.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.98 min Scan# 1172
 Delta R.T. -0.02 min
 Lab File: BF089369.D
 Acq: 28 Jul 2016 18:21

Tgt Ion:264 Resp: 83929
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.0 28.4
 265 20.8 17.5 26.3

