

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073016\
 Data File : BF089437.D
 Acq On : 30 Jul 2016 5:11
 Operator : UM/SJ
 Sample : H4206-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-45A

Quant Time: Jul 30 05:39:26 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

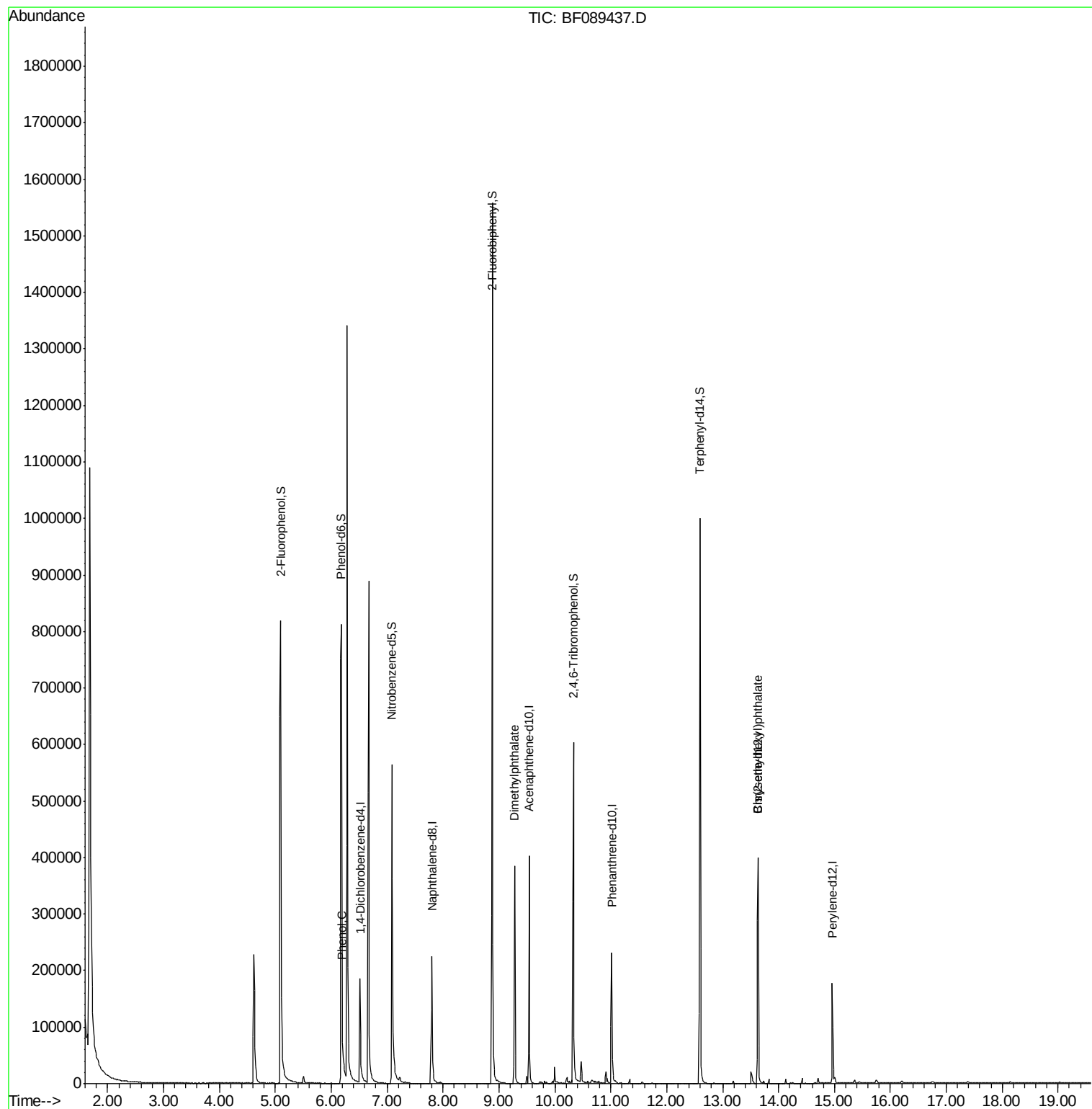
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	42045	20.00	ng	0.00
21) Naphthalene-d8	7.80	136	163063	20.00	ng	0.00
38) Acenaphthene-d10	9.54	164	78348	20.00	ng	0.00
63) Phenanthrene-d10	11.02	188	120725	20.00	ng	0.00
75) Chrysene-d12	13.63	240	81625	20.00	ng	0.00
86) Perylene-d12	14.96	264	85449	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	387720	147.24	ng	0.01
7) Phenol-d6	6.18	99	507812	145.93	ng	0.00
23) Nitrobenzene-d5	7.08	82	302048	109.34	ng	-0.01
41) 2,4,6-Tribromophenol	10.33	330	81572	125.71	ng	0.00
44) 2-Fluorobiphenyl	8.88	172	517154	96.87	ng	0.00
78) Terphenyl-d14	12.59	244	321625	92.22	ng	-0.01
Target Compounds						
10) Phenol	6.19	94	9216	2.40	ng	86
49) Dimethylphthalate	9.28	163	154046	25.83	ng	99
83) Bis(2-ethylhexyl)phthalate	13.63	149	143247	35.23	ng	96

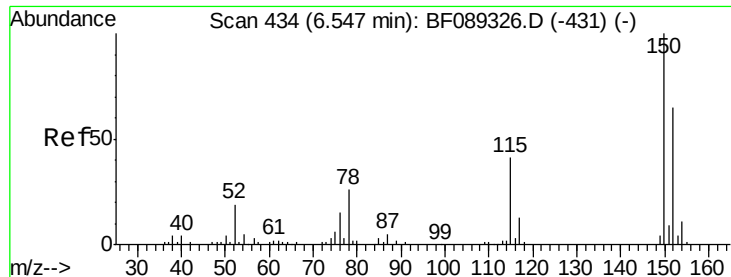
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.51 min Scan# 431

Delta R.T. 0.00 min

Lab File: BF089437.D

Acq: 30 Jul 2016 5:11

Instrument :

BNA_F

ClientSampleId :

LOCATION-45A

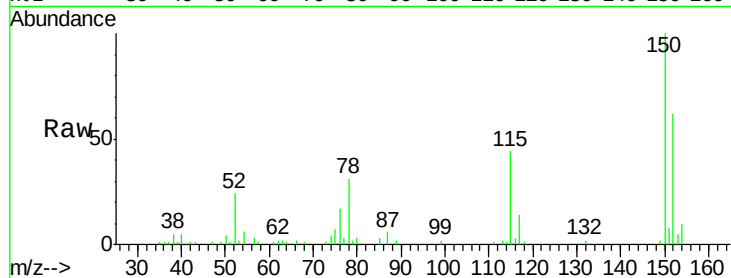
Tgt Ion:152 Resp: 42045

Ion Ratio Lower Upper

152 100

150 161.1 129.5 194.3

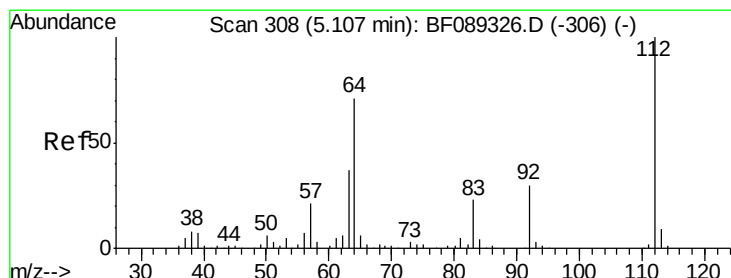
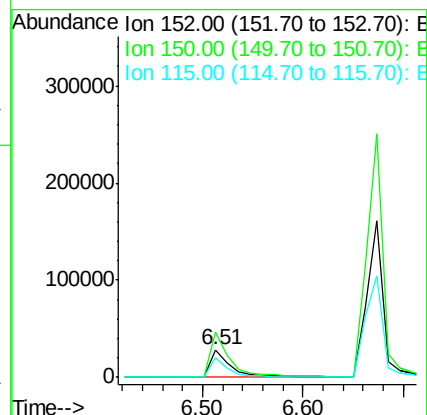
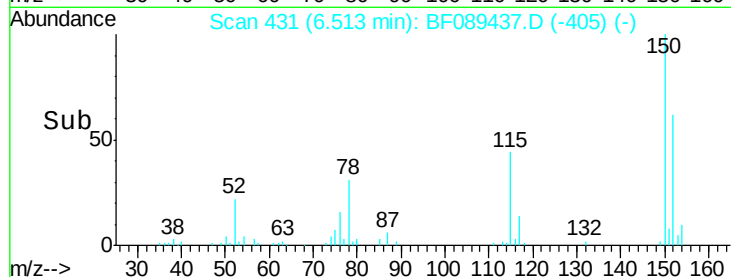
115 71.0 51.4 77.2



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: 147.24 ng

RT: 5.10 min Scan# 307

Delta R.T. 0.01 min

Lab File: BF089437.D

Acq: 30 Jul 2016 5:11

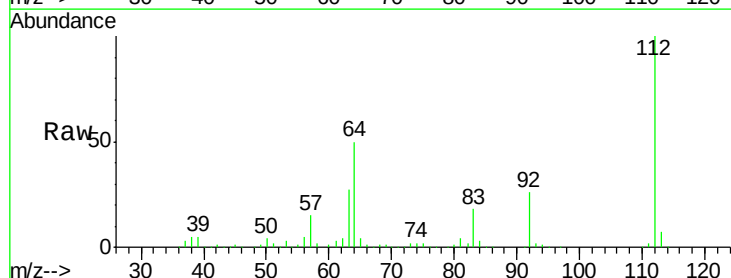
Tgt Ion:112 Resp: 387720

Ion Ratio Lower Upper

112 100

64 50.0 55.0 82.6#

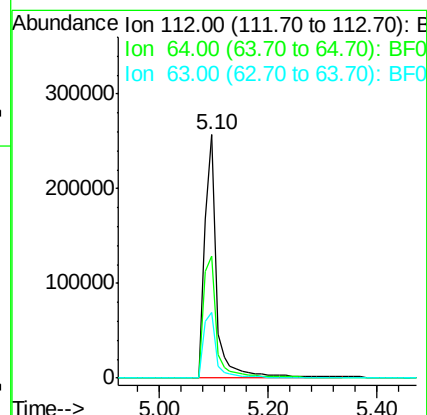
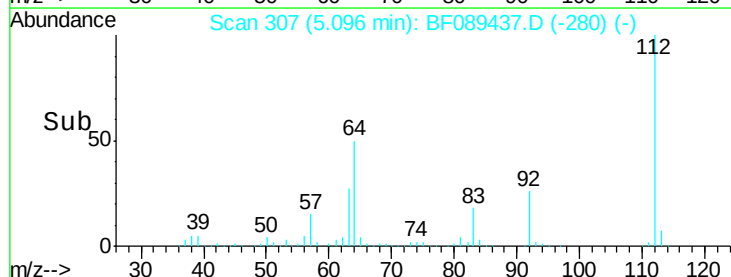
63 27.2 29.4 44.2#

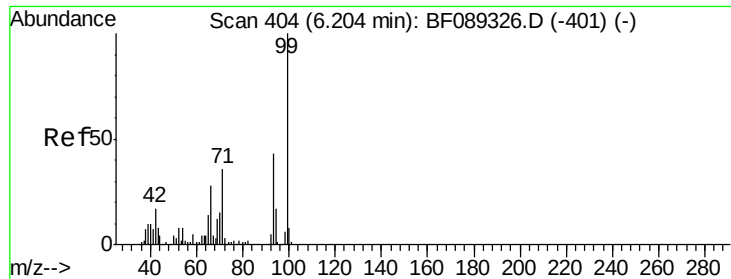


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 145.93 ng

RT: 6.18 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF089437.D

Acq: 30 Jul 2016 5:11

Instrument :

BNA_F

ClientSampleId :

LOCATION-45A

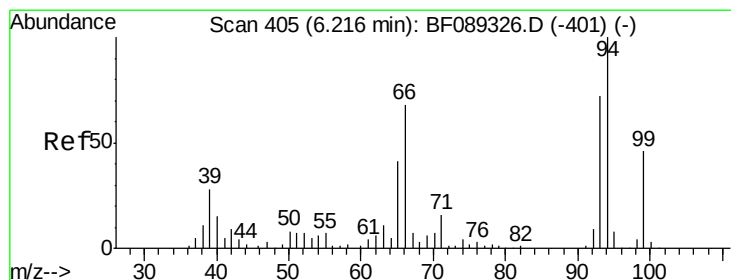
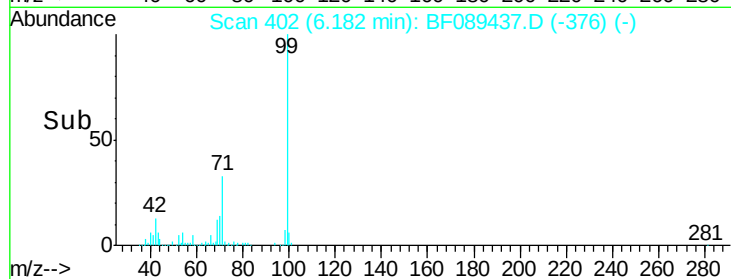
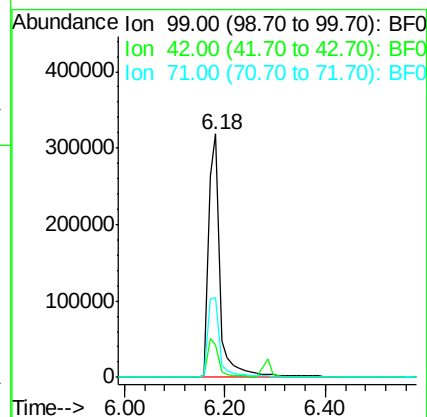
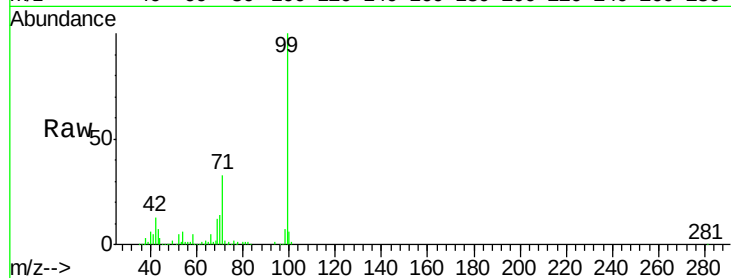
Tgt Ion: 99 Resp: 507812

Ion Ratio Lower Upper

99 100

42 13.5 13.6 20.4#

71 32.8 29.4 44.2



#10

Phenol

Concen: 2.40 ng

RT: 6.19 min Scan# 403

Delta R.T. 0.00 min

Lab File: BF089437.D

Acq: 30 Jul 2016 5:11

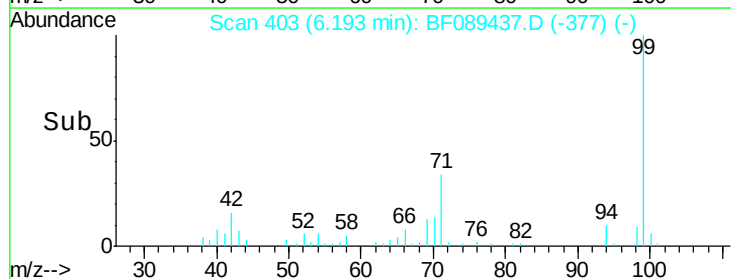
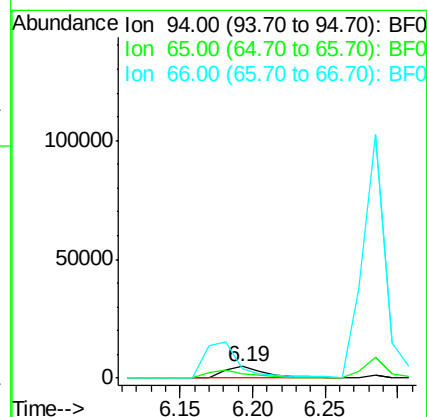
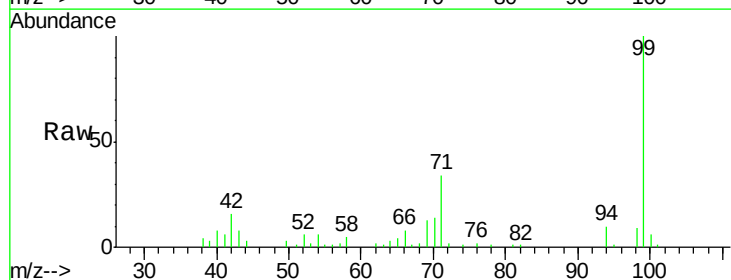
Tgt Ion: 94 Resp: 9216

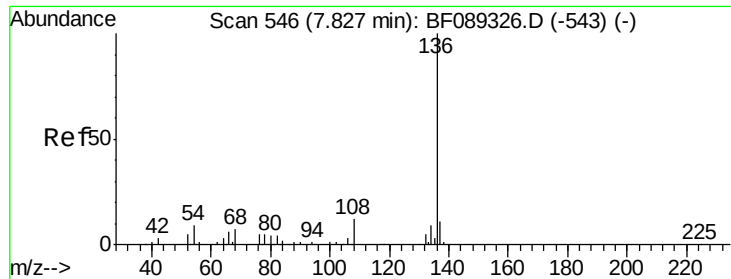
Ion Ratio Lower Upper

94 100

65 37.4 19.1 59.1

66 81.2 44.4 84.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.80 min Scan# 544

Delta R.T. 0.00 min

Lab File: BF089437.D

Acq: 30 Jul 2016 5:11

Instrument :

BNA_F

ClientSampleId :

LOCATION-45A

Tgt Ion:136 Resp: 163063

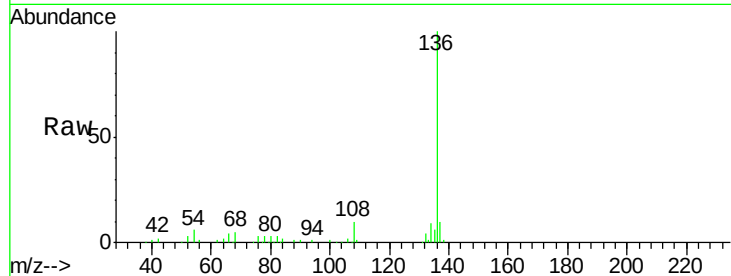
Ion Ratio Lower Upper

136 100

137 10.2 8.6 13.0

54 5.7 7.0 10.4#

68 4.9 4.9 7.3#

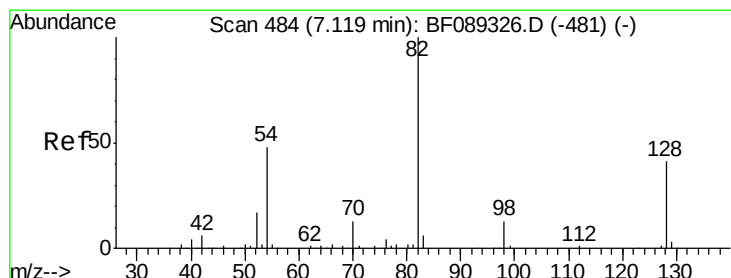
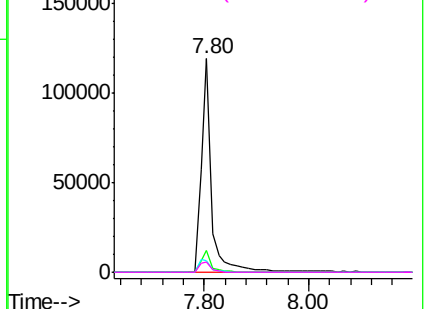
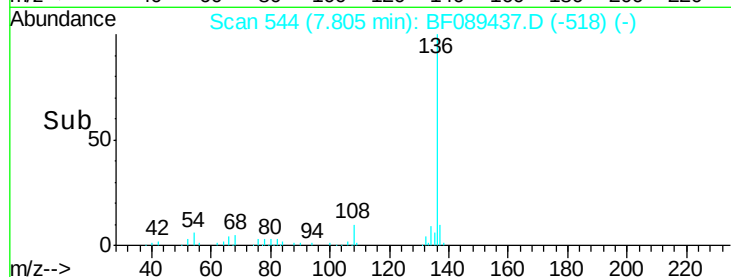


Abundance Ion 136.00 (135.70 to 136.70): E

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: 109.34 ng

RT: 7.08 min Scan# 481

Delta R.T. -0.01 min

Lab File: BF089437.D

Acq: 30 Jul 2016 5:11

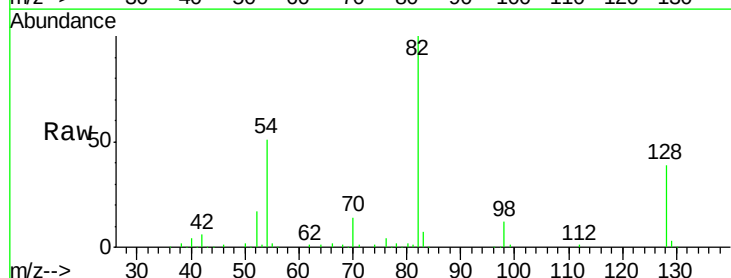
Tgt Ion: 82 Resp: 302048

Ion Ratio Lower Upper

82 100

128 38.7 32.5 48.7

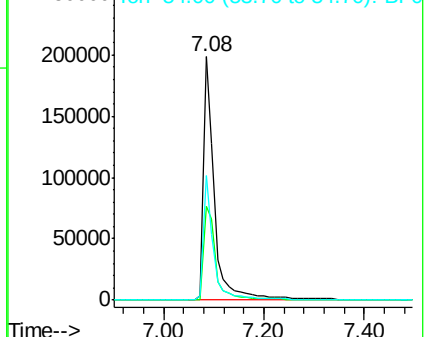
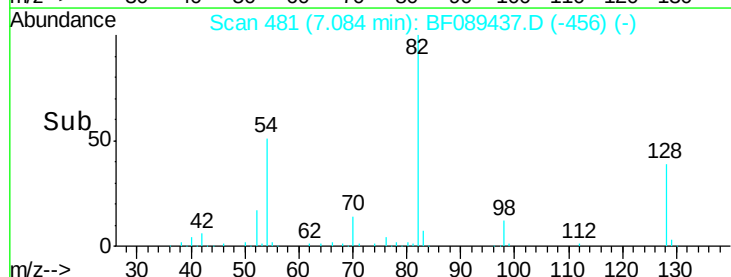
54 51.1 38.8 58.2

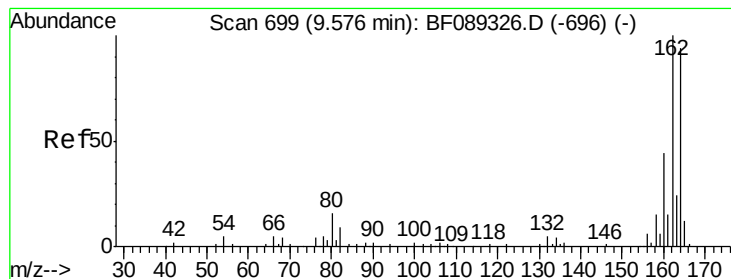


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.54 min Scan# 696

Delta R.T. 0.00 min

Lab File: BF089437.D

Acq: 30 Jul 2016 5:11

Instrument :

BNA_F

ClientSampleId :

LOCATION-45A

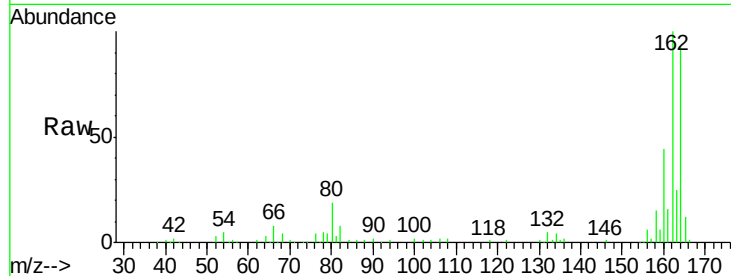
Tgt Ion:164 Resp: 78348

Ion Ratio Lower Upper

164 100

162 107.4 83.7 125.5

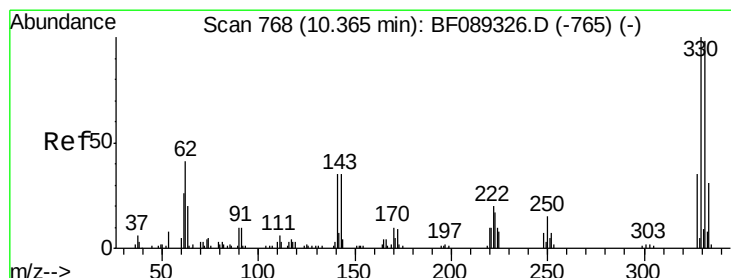
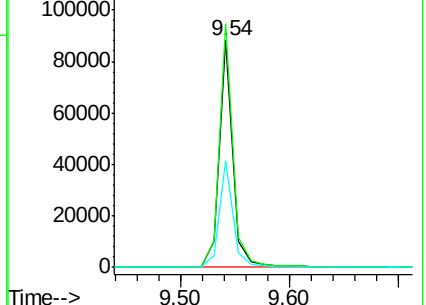
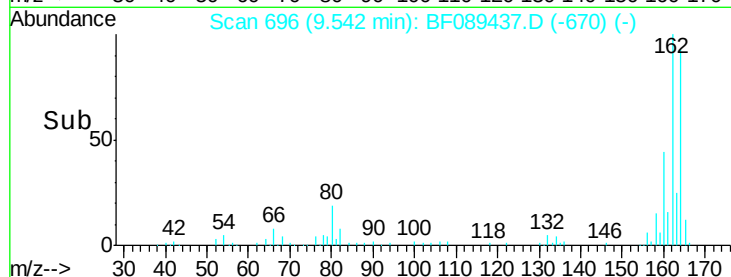
160 46.9 37.8 56.6



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: 125.71 ng

RT: 10.33 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF089437.D

Acq: 30 Jul 2016 5:11

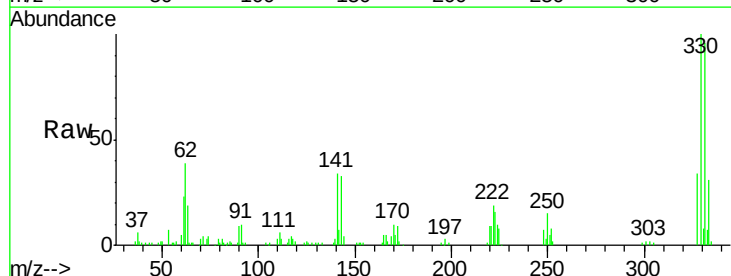
Tgt Ion:330 Resp: 81572

Ion Ratio Lower Upper

330 100

332 95.9 76.8 115.2

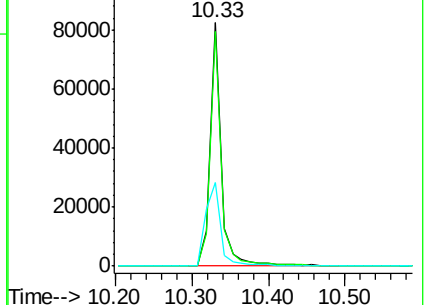
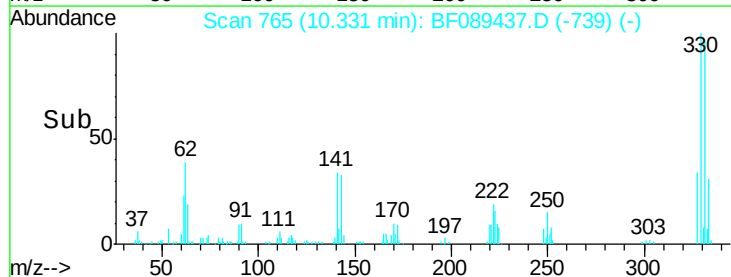
141 46.6 37.3 55.9

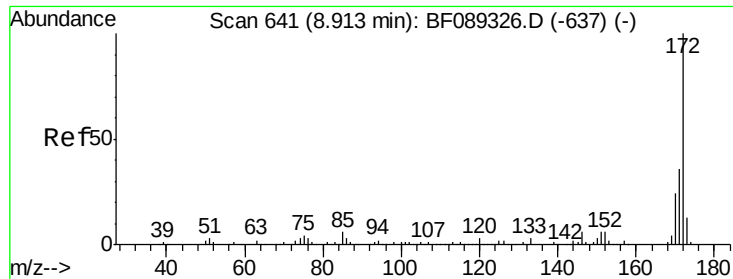


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

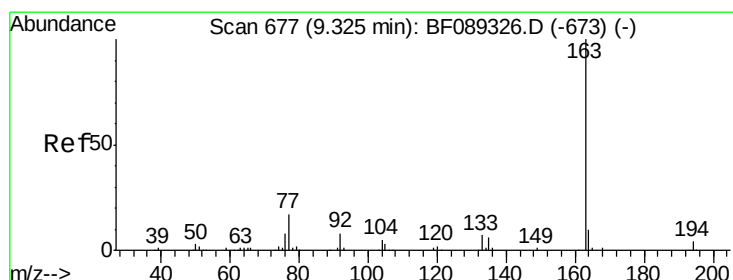
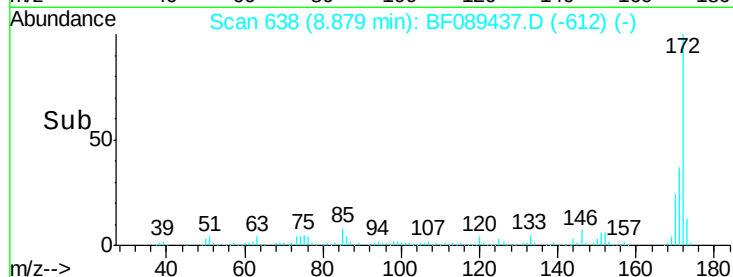
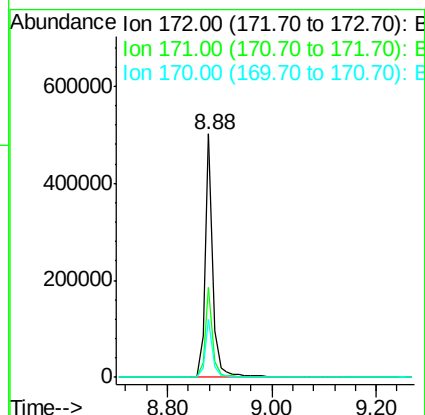
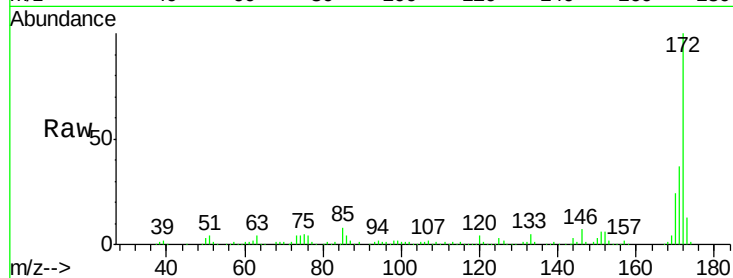




#44
 2-Fluorobiphenyl
 Concen: 96.87 ng
 RT: 8.88 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: BF089437.D
 Acq: 30 Jul 2016 5:11

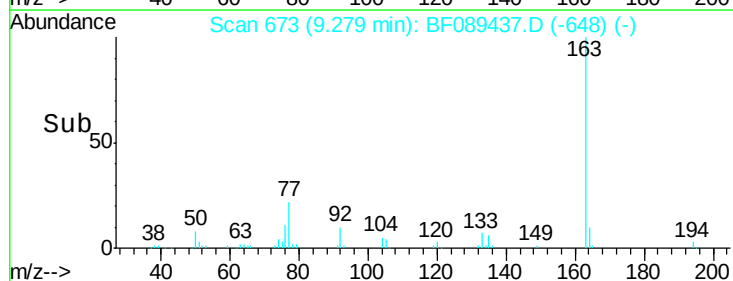
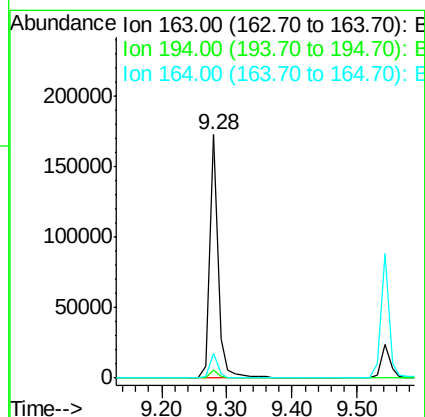
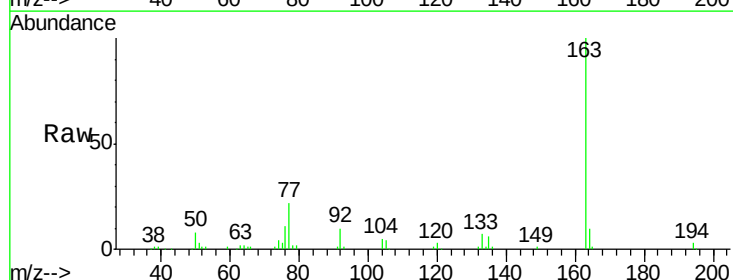
Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-45A

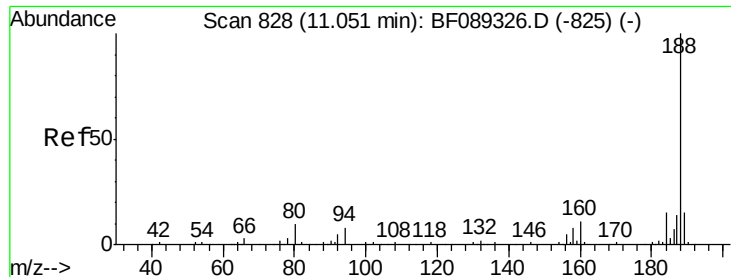
Tgt Ion:172 Resp: 517154
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.2 43.8
 170 23.9 19.2 28.8



#49
 Dimethylphthalate
 Concen: 25.83 ng
 RT: 9.28 min Scan# 673
 Delta R.T. -0.01 min
 Lab File: BF089437.D
 Acq: 30 Jul 2016 5:11

Tgt Ion:163 Resp: 154046
 Ion Ratio Lower Upper
 163 100
 194 3.2 2.8 4.2
 164 10.1 7.8 11.8

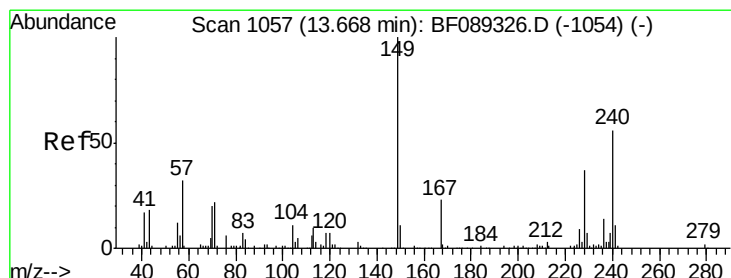
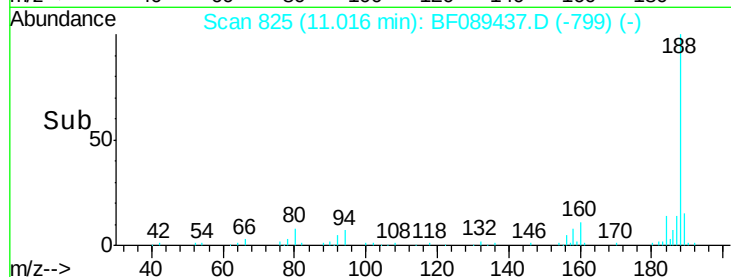
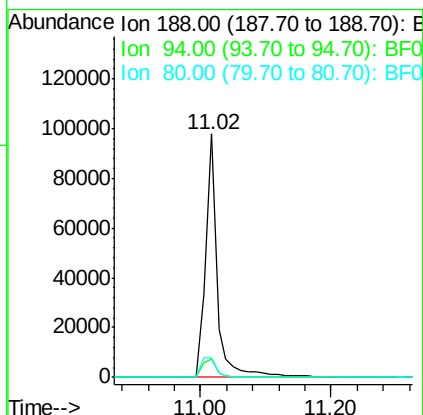
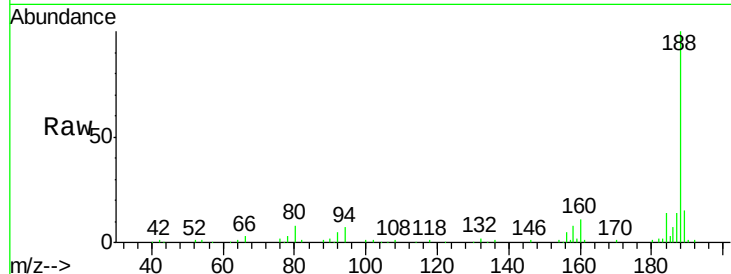




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.02 min Scan# 825
Delta R.T. 0.00 min
Lab File: BF089437.D
Acq: 30 Jul 2016 5:11

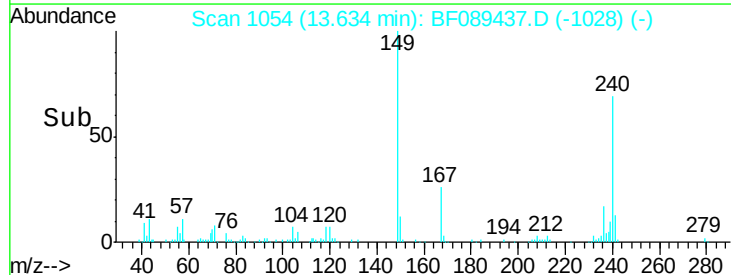
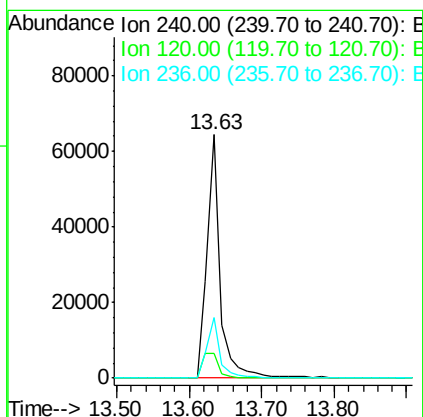
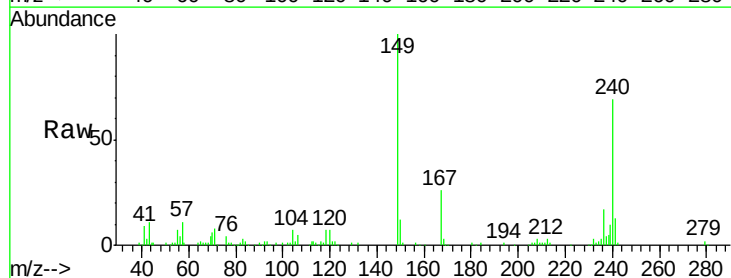
Instrument :
BNA_F
ClientSampleId :
LOCATION-45A

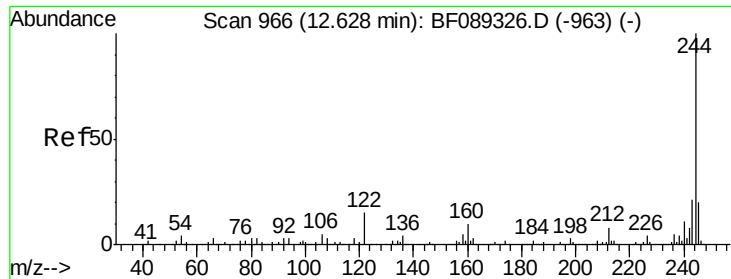
Tgt Ion:188 Resp: 120725
Ion Ratio Lower Upper
188 100
94 7.5 6.5 9.7
80 8.3 7.2 10.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.63 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BF089437.D
Acq: 30 Jul 2016 5:11

Tgt Ion:240 Resp: 81625
Ion Ratio Lower Upper
240 100
120 10.3 9.1 13.7
236 24.7 20.6 30.8

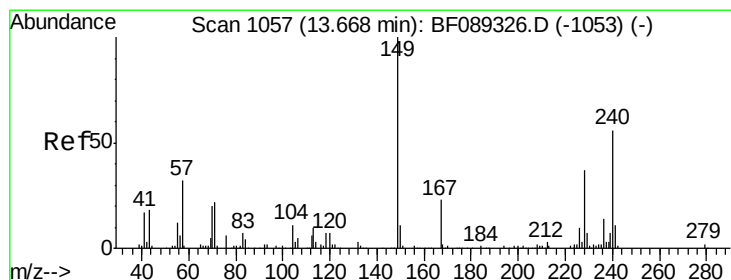
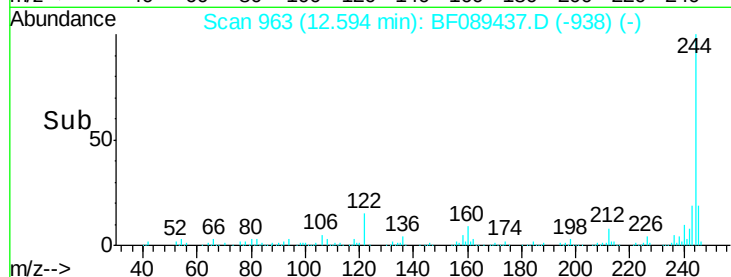
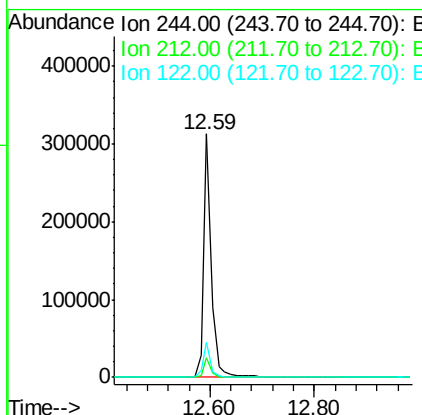
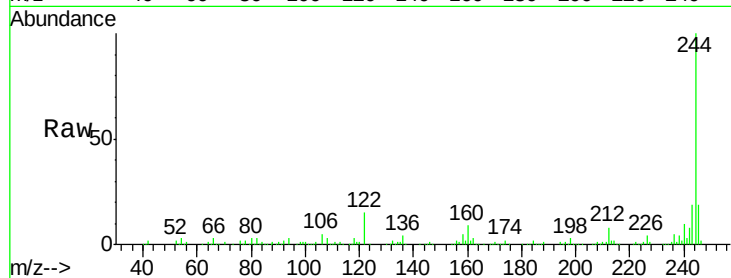




#78
 Terphenyl-d14
 Concen: 92.22 ng
 RT: 12.59 min Scan# 963
 Delta R.T. -0.01 min
 Lab File: BF089437.D
 Acq: 30 Jul 2016 5:11

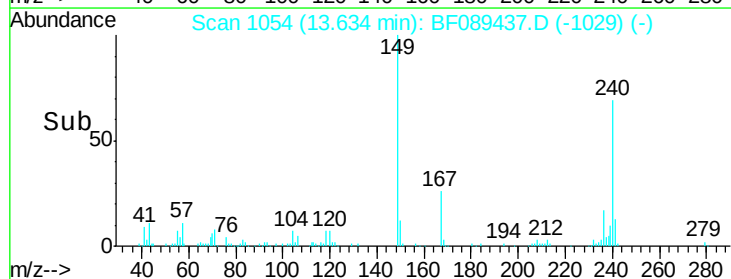
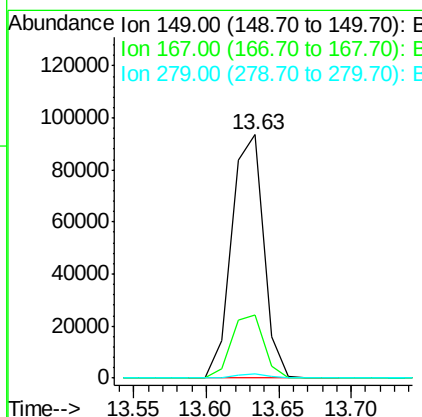
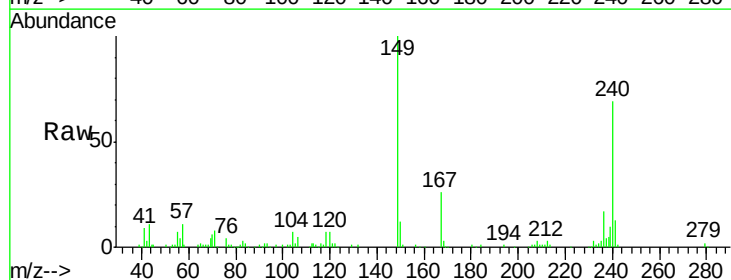
Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-45A

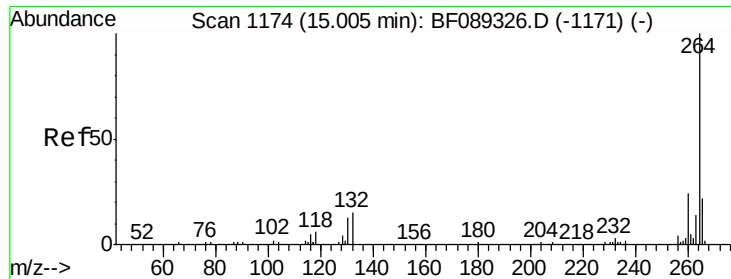
Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.5	9.7
122	14.6	11.4	17.0



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.23 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: BF089437.D
 Acq: 30 Jul 2016 5:11

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.8	18.8	28.2
279	1.8	1.4	2.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 14.96 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF089437.D
Acq: 30 Jul 2016 5:11

Instrument :
BNA_F
ClientSampleId :
LOCATION-45A

Tgt Ion: 264 Resp: 85449
Ion Ratio Lower Upper
264 100
260 23.8 19.0 28.4
265 22.1 17.5 26.3

