

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072916\
 Data File : BF089373.D
 Acq On : 28 Jul 2016 20:18
 Operator : UM/SJ
 Sample : H4200-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1606304499

Quant Time: Jul 29 01:16:49 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

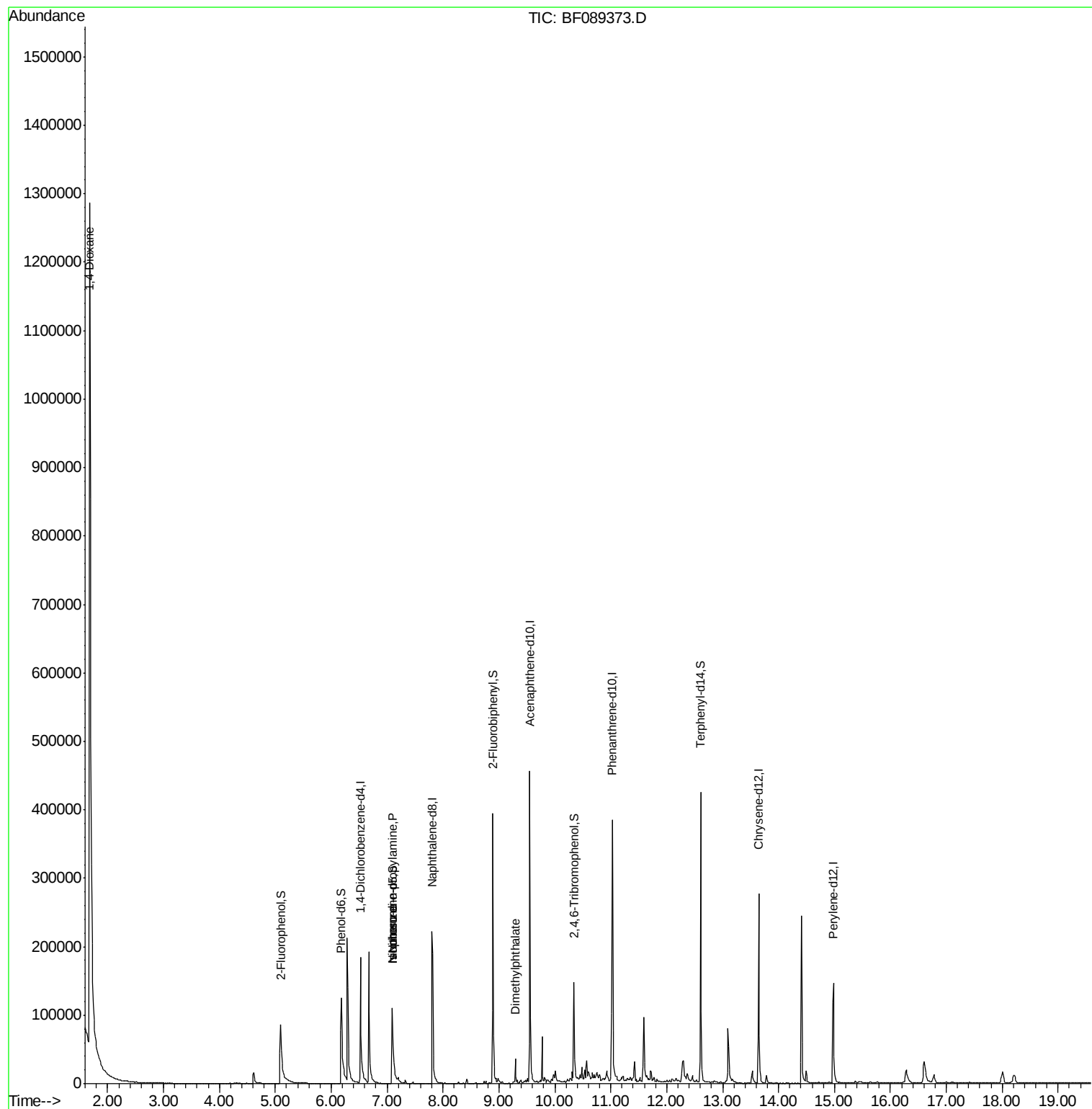
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	43737	20.00	ng	-0.02
21) Naphthalene-d8	7.80	136	185003	20.00	ng	-0.02
38) Acenaphthene-d10	9.55	164	93592	20.00	ng	-0.02
63) Phenanthrene-d10	11.03	188	172321	20.00	ng	-0.02
75) Chrysene-d12	13.65	240	109742	20.00	ng	-0.02
86) Perylene-d12	14.98	264	85549	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	71265	26.02	ng	-0.01
7) Phenol-d6	6.18	99	111287	30.74	ng	-0.02
23) Nitrobenzene-d5	7.10	82	75937	24.23	ng	-0.02
41) 2,4,6-Tribromophenol	10.34	330	24204	31.23	ng	-0.02
44) 2-Fluorobiphenyl	8.89	172	156517	24.54	ng	-0.02
78) Terphenyl-d14	12.61	244	137809	29.39	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	1.68	88	77497	64.61	ng	# 26
19) n-Nitroso-di-n-propylamine	7.10	70	8828	4.04	ng	# 80
25) Isophorone	7.10	82	75936	12.03	ng	# 67
49) Dimethylphthalate	9.29	163	17167	2.41	ng	98

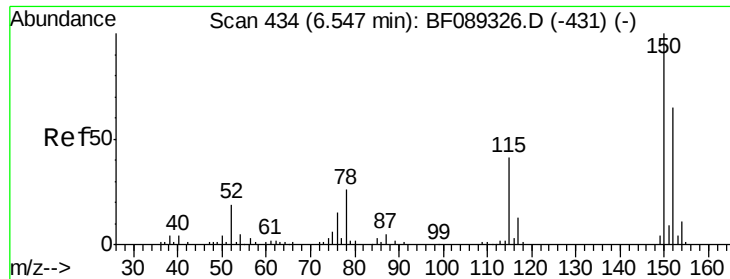
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_F
ClientSampleId :
1606304499

Quant Time: Jul 29 01:16:49 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.02 min

Lab File: BF089373.D

Acq: 28 Jul 2016 20:18

Instrument :

BNA_F

ClientSampleId :

1606304499

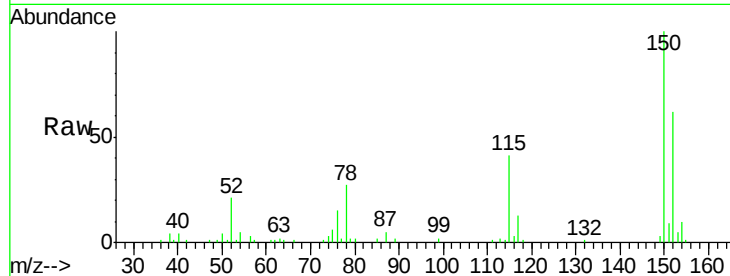
Tgt Ion:152 Resp: 43737

Ion Ratio Lower Upper

152 100

150 160.8 129.5 194.3

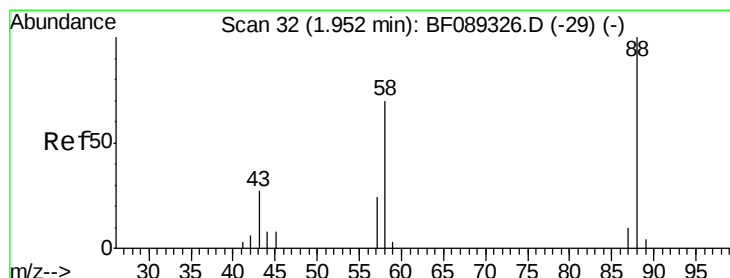
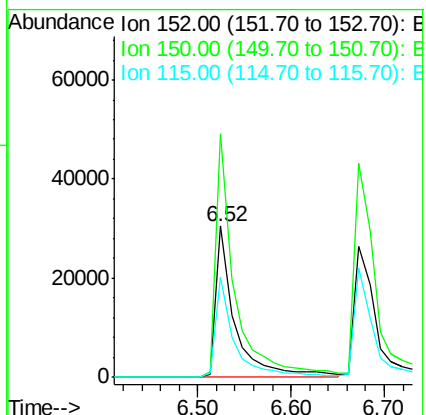
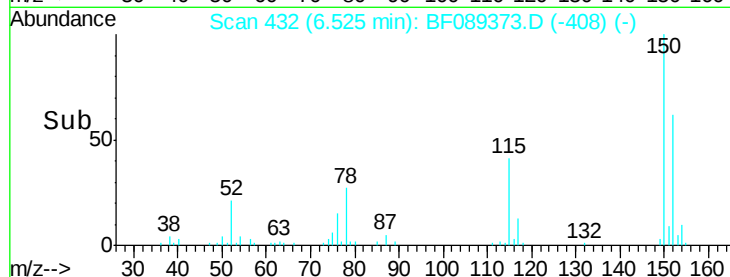
115 66.0 51.4 77.2



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



#2

1,4-Dioxane

Concen: 64.61 ng

RT: 1.68 min Scan# 8

Delta R.T. -0.27 min

Lab File: BF089373.D

Acq: 28 Jul 2016 20:18

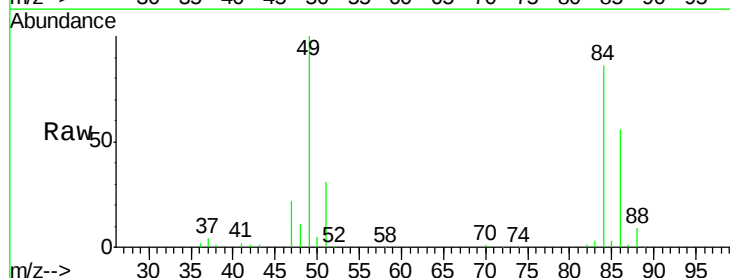
Tgt Ion: 88 Resp: 77497

Ion Ratio Lower Upper

88 100

58 0.0 53.2 79.8#

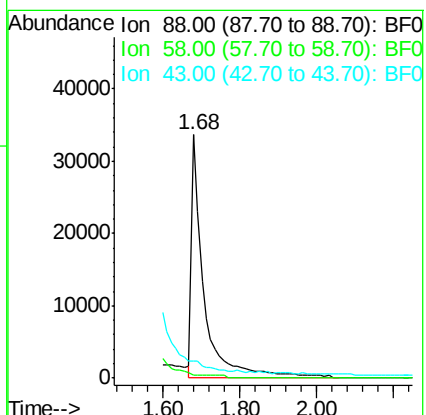
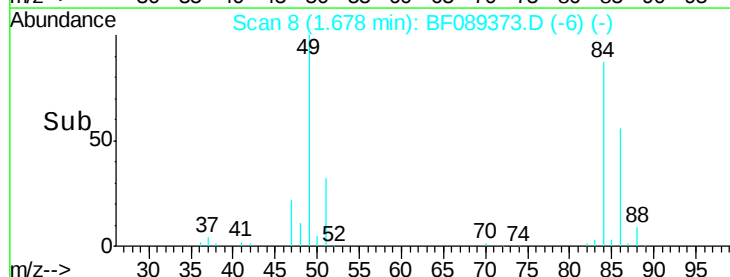
43 0.0 20.6 31.0#

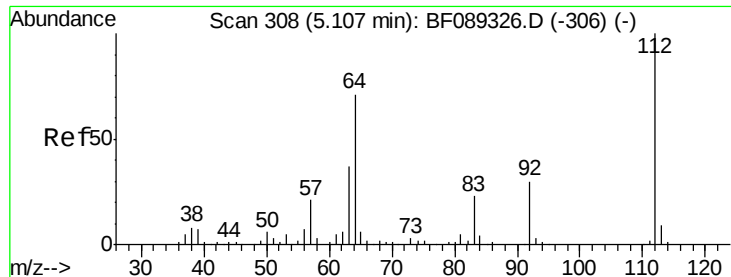


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

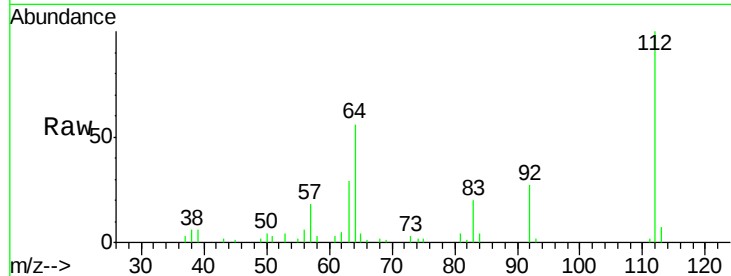




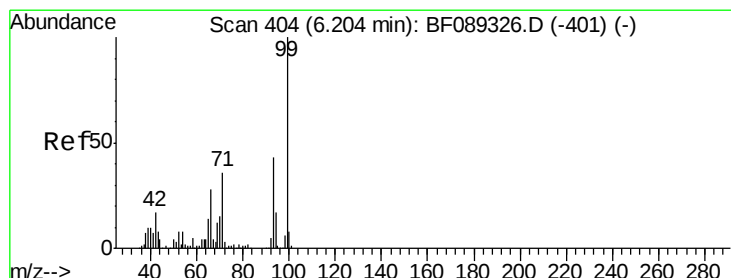
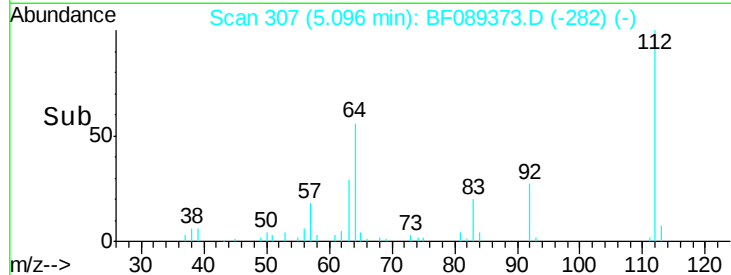
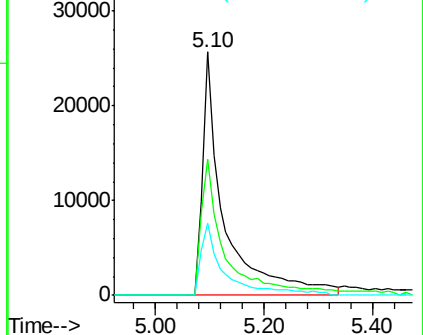
#5
 2-Fluorophenol
 Concen: 26.02 ng
 RT: 5.10 min Scan# 307
 Delta R.T. -0.01 min
 Lab File: BF089373.D
 Acq: 28 Jul 2016 20:18

Instrument :
 BNA_F
 ClientSampleId :
 1606304499

Tgt Ion: 112 Resp: 71265
 Ion Ratio Lower Upper
 112 100
 64 56.1 55.0 82.6
 63 29.4 29.4 44.2#

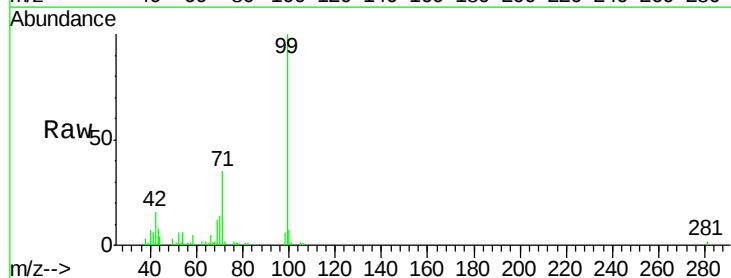


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0

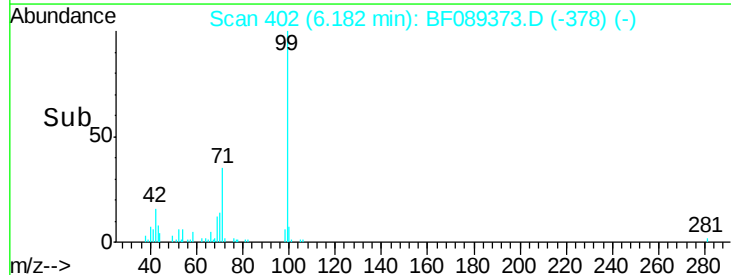
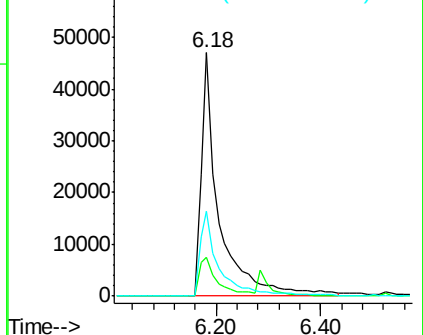


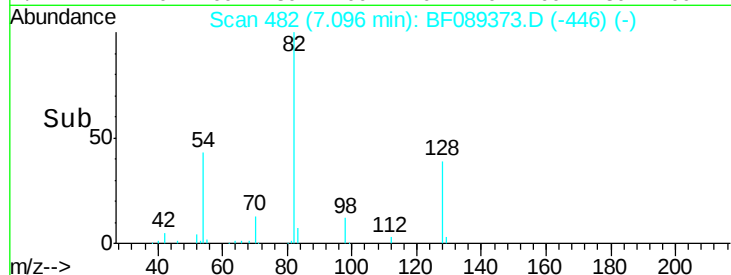
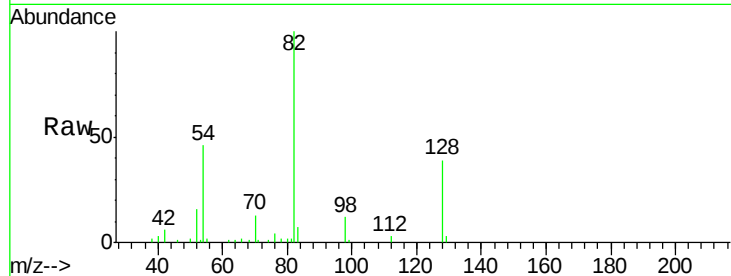
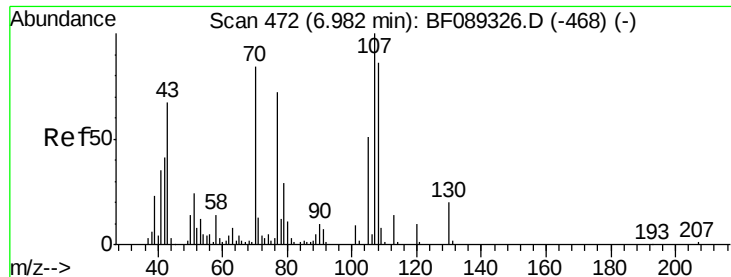
#7
 Phenol-d6
 Concen: 30.74 ng
 RT: 6.18 min Scan# 402
 Delta R.T. -0.02 min
 Lab File: BF089373.D
 Acq: 28 Jul 2016 20:18

Tgt Ion: 99 Resp: 111287
 Ion Ratio Lower Upper
 99 100
 42 15.9 13.6 20.4
 71 34.9 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

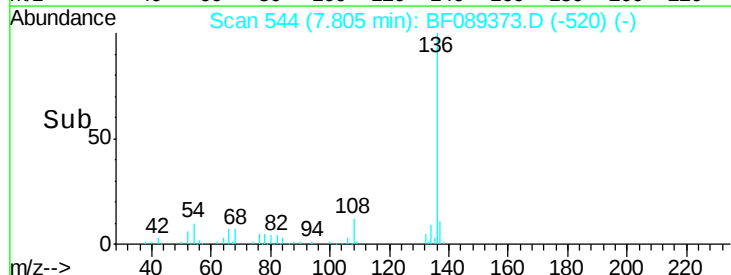
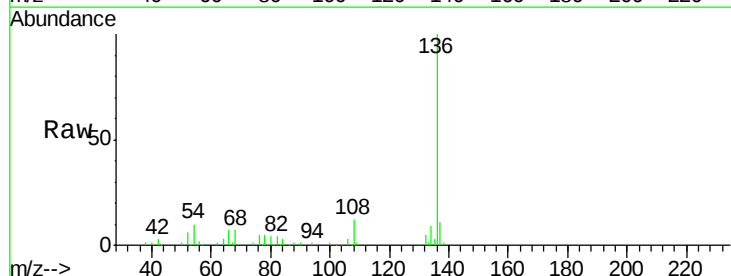
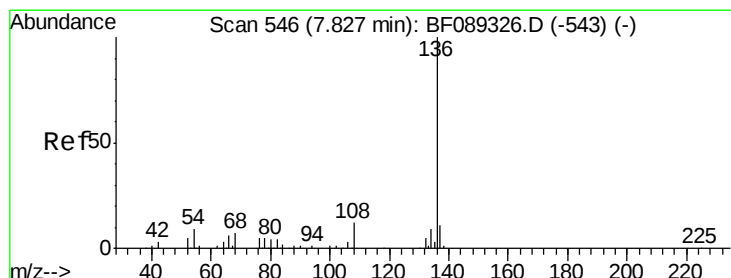
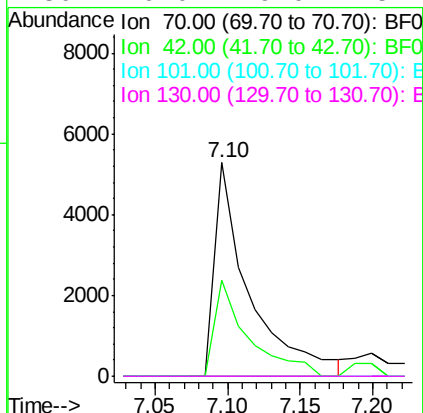




#19
n-Nitroso-di-n-propylamine
Concen: 4.04 ng
RT: 7.10 min Scan# 482
Delta R.T. 0.11 min
Lab File: BF089373.D
Acq: 28 Jul 2016 20:18

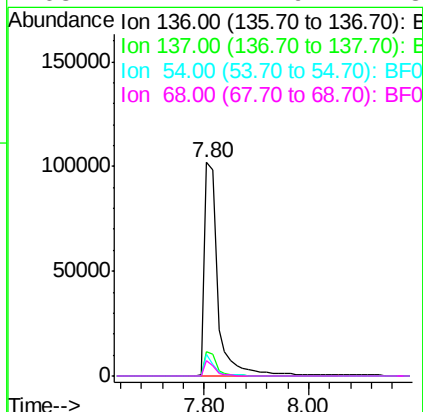
Instrument :
BNA_F
ClientSampleId :
1606304499

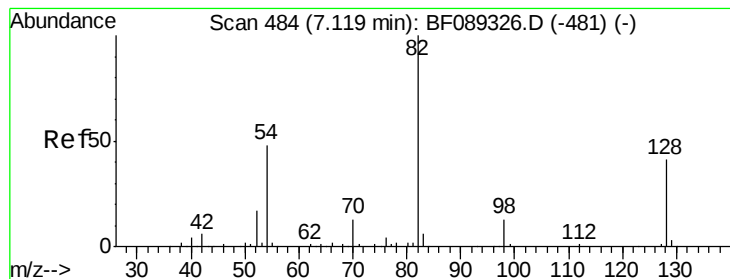
Tgt Ion: 70 Resp: 8828
Ion Ratio Lower Upper
70 100
42 45.0 38.6 57.8
101 0.0 8.3 12.5#
130 0.0 19.0 28.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.80 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF089373.D
Acq: 28 Jul 2016 20:18

Tgt Ion: 136 Resp: 185003
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 9.9 7.0 10.4
68 7.1 4.9 7.3





#23

Nitrobenzene-d5

Concen: 24.23 ng

RT: 7.10 min Scan# 482

Delta R.T. -0.02 min

Lab File: BF089373.D

Acq: 28 Jul 2016 20:18

Instrument :

BNA_F

ClientSampleId :

1606304499

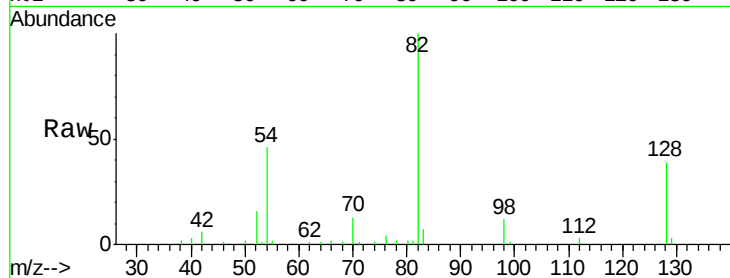
Tgt Ion: 82 Resp: 75937

Ion Ratio Lower Upper

82 100

128 39.4 32.5 48.7

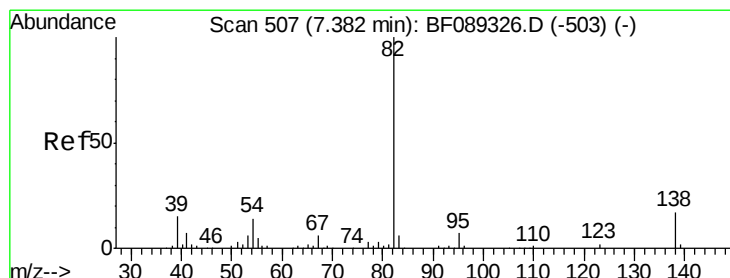
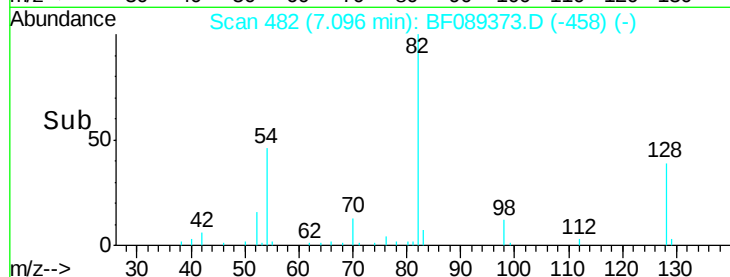
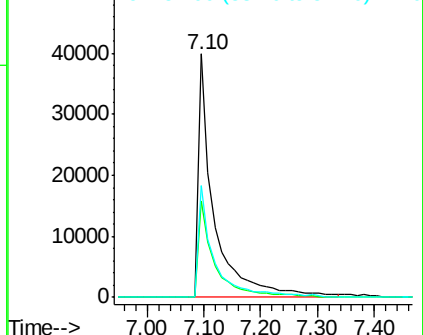
54 46.0 38.8 58.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 12.03 ng

RT: 7.10 min Scan# 482

Delta R.T. -0.29 min

Lab File: BF089373.D

Acq: 28 Jul 2016 20:18

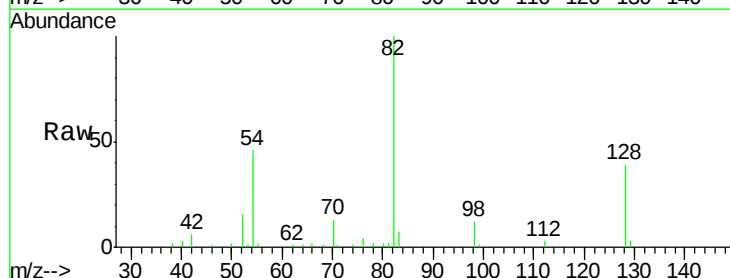
Tgt Ion: 82 Resp: 75936

Ion Ratio Lower Upper

82 100

95 0.0 6.0 9.0#

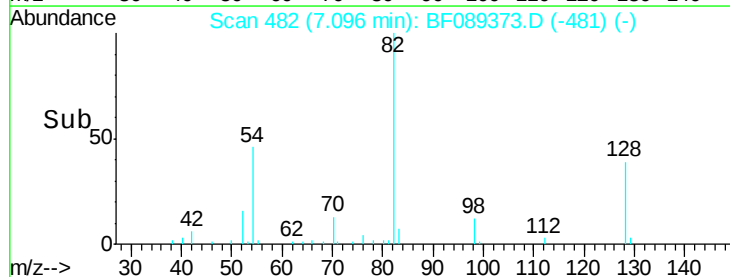
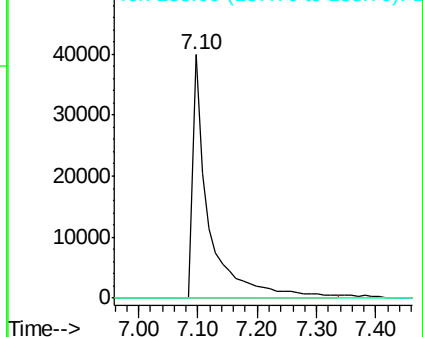
138 0.0 13.3 19.9#

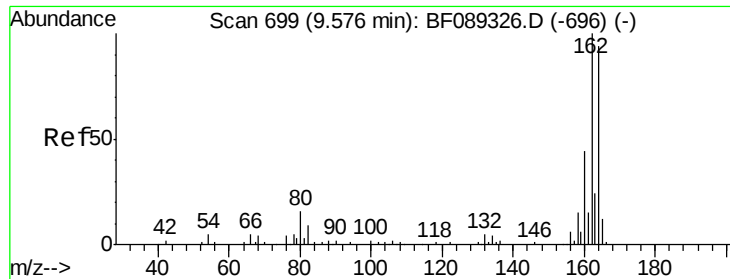


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

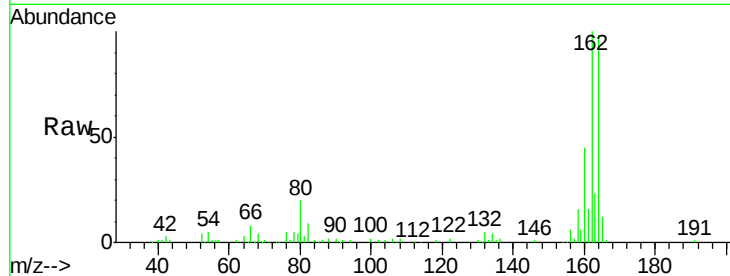




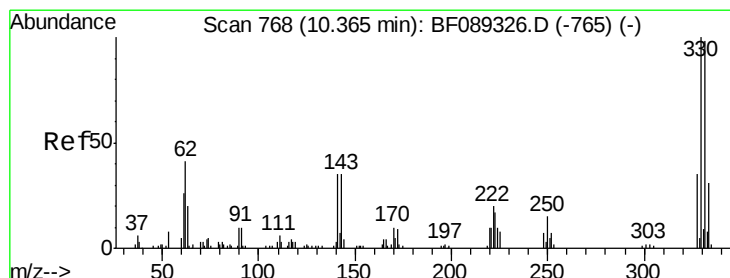
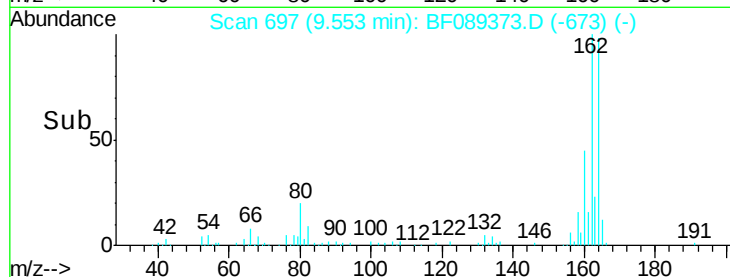
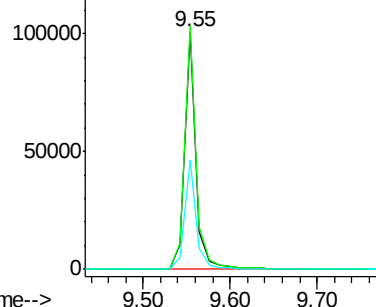
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.55 min Scan# 697
 Delta R.T. -0.02 min
 Lab File: BF089373.D
 Acq: 28 Jul 2016 20:18

Instrument :
 BNA_F
 ClientSampleId :
 1606304499

Tgt Ion:164 Resp: 93592
 Ion Ratio Lower Upper
 164 100
 162 102.5 83.7 125.5
 160 46.1 37.8 56.6

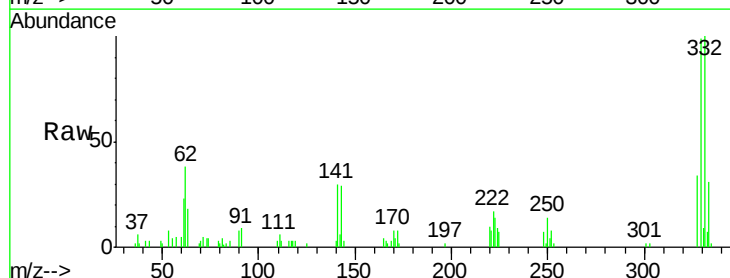


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

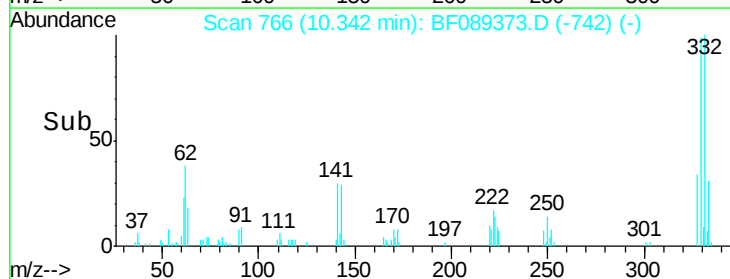
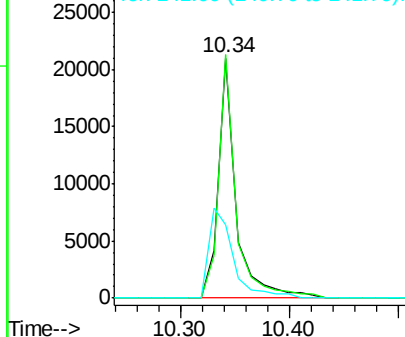


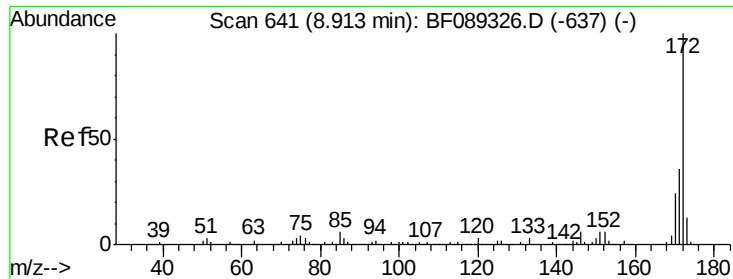
#41
 2,4,6-Tribromophenol
 Concen: 31.23 ng
 RT: 10.34 min Scan# 766
 Delta R.T. -0.02 min
 Lab File: BF089373.D
 Acq: 28 Jul 2016 20:18

Tgt Ion:330 Resp: 24204
 Ion Ratio Lower Upper
 330 100
 332 98.4 76.8 115.2
 141 51.1 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

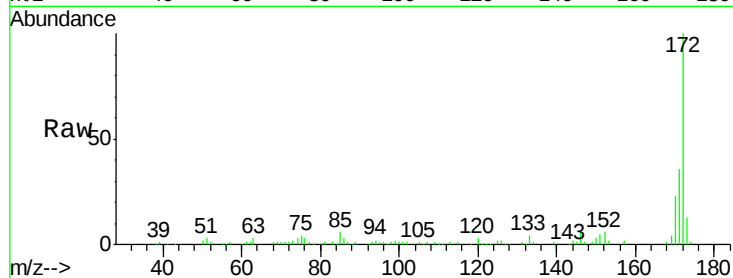




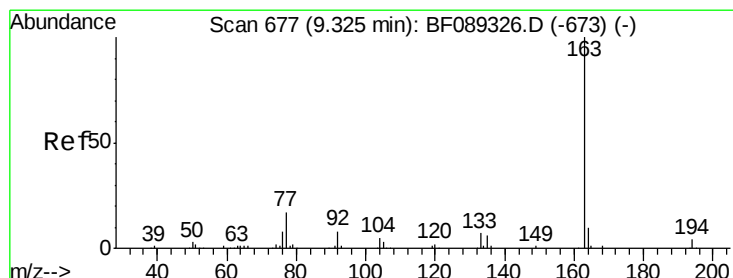
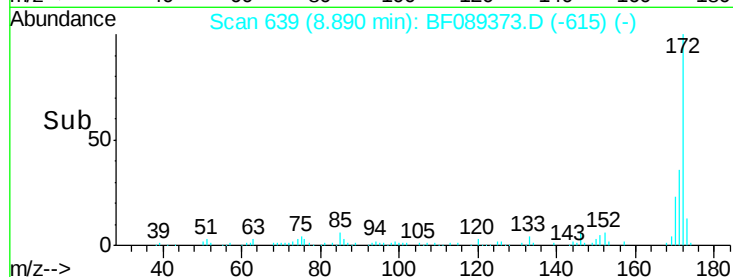
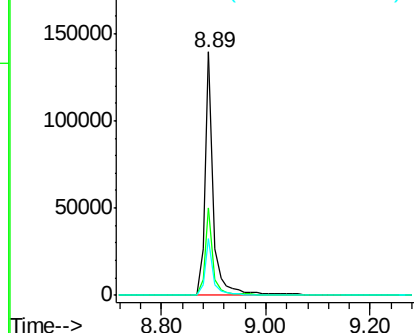
#44
 2-Fluorobiphenyl
 Concen: 24.54 ng
 RT: 8.89 min Scan# 639
 Delta R.T. -0.02 min
 Lab File: BF089373.D
 Acq: 28 Jul 2016 20:18

Instrument :
 BNA_F
 ClientSampleId :
 1606304499

Tgt Ion:172 Resp: 156517
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.2 43.8
 170 23.5 19.2 28.8

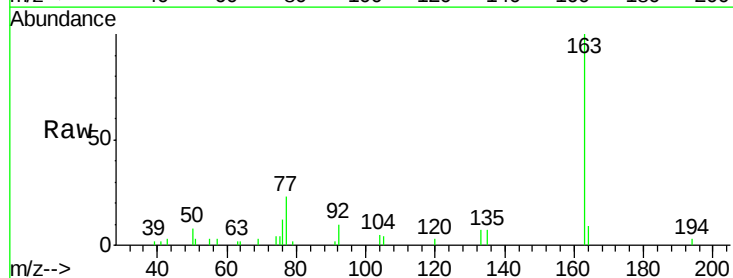


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

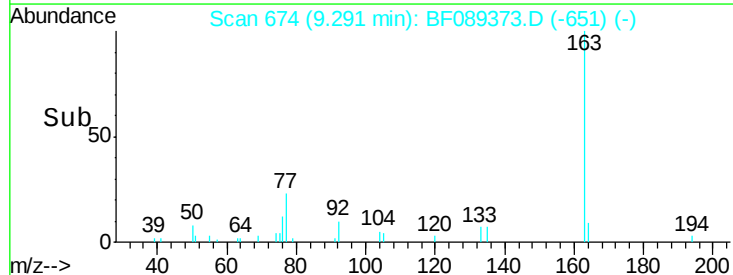
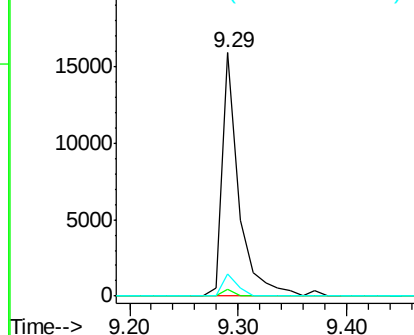


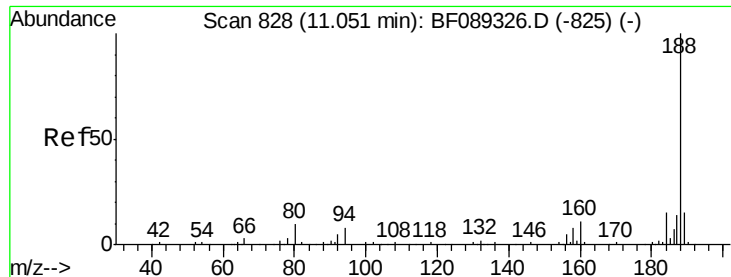
#49
 Dimethylphthalate
 Concen: 2.41 ng
 RT: 9.29 min Scan# 674
 Delta R.T. -0.03 min
 Lab File: BF089373.D
 Acq: 28 Jul 2016 20:18

Tgt Ion:163 Resp: 17167
 Ion Ratio Lower Upper
 163 100
 194 2.9 2.8 4.2
 164 8.9 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

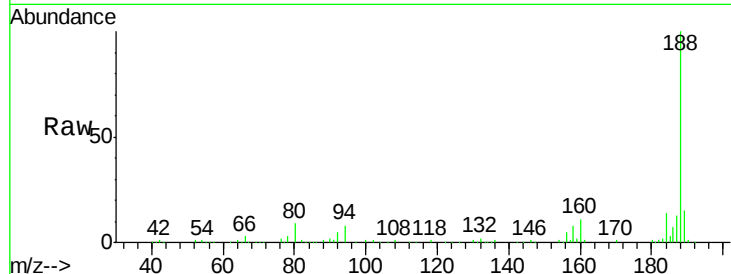




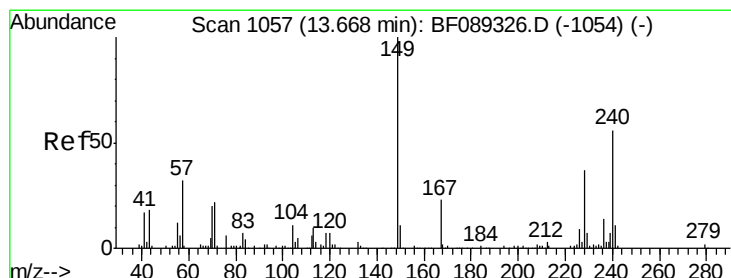
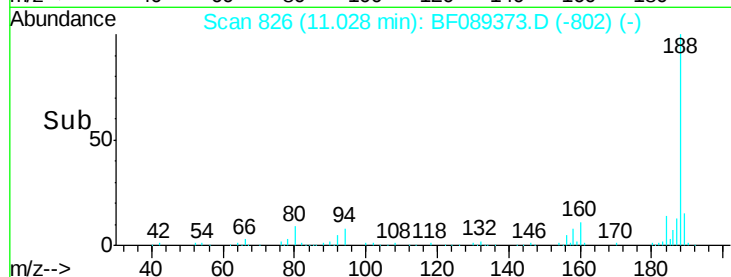
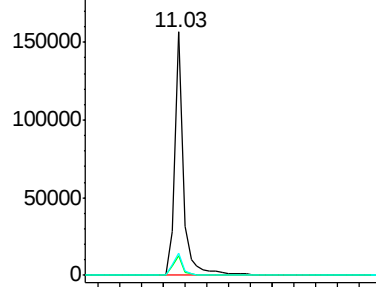
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.03 min Scan# 826
Delta R.T. -0.02 min
Lab File: BF089373.D
Acq: 28 Jul 2016 20:18

Instrument :
BNA_F
ClientSampleId :
1606304499

Tgt Ion:188 Resp: 172321
Ion Ratio Lower Upper
188 100
94 8.1 6.5 9.7
80 8.9 7.2 10.8

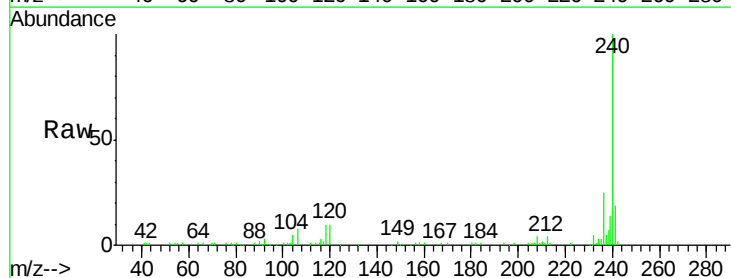


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

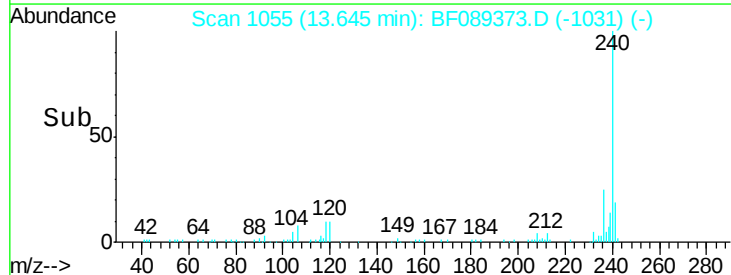
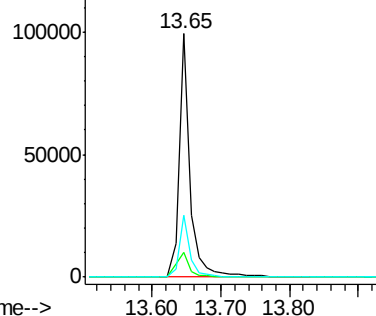


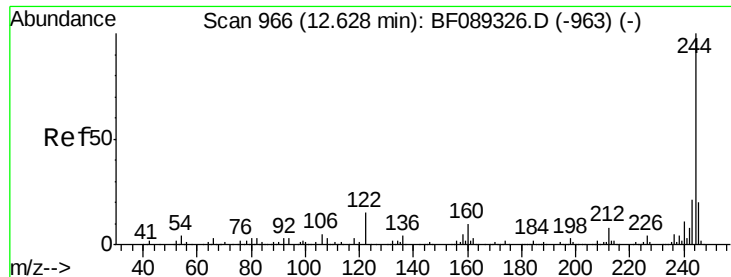
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.65 min Scan# 1055
Delta R.T. -0.02 min
Lab File: BF089373.D
Acq: 28 Jul 2016 20:18

Tgt Ion:240 Resp: 109742
Ion Ratio Lower Upper
240 100
120 10.4 9.1 13.7
236 25.5 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

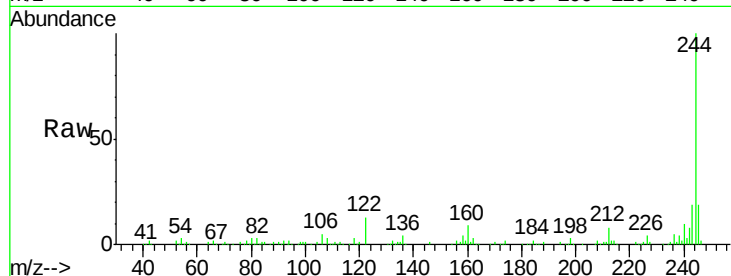




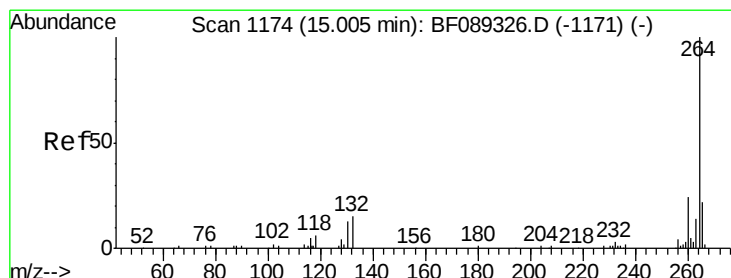
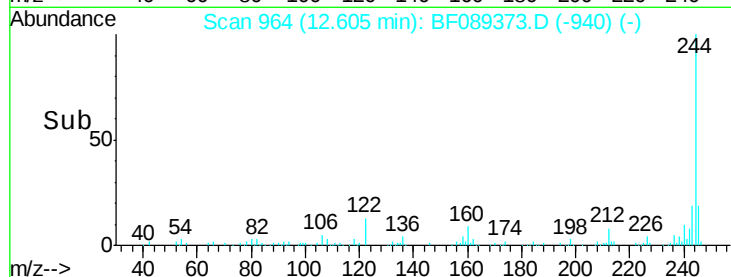
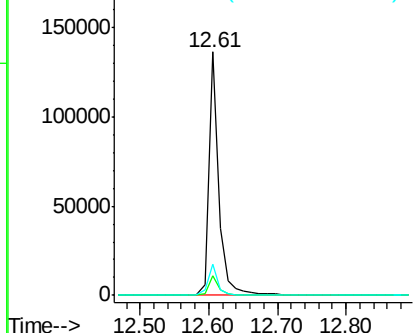
#78
 Terphenyl-d14
 Concen: 29.39 ng
 RT: 12.61 min Scan# 964
 Delta R.T. -0.02 min
 Lab File: BF089373.D
 Acq: 28 Jul 2016 20:18

Instrument :
 BNA_F
 ClientSampleId :
 1606304499

Tgt Ion:244 Resp: 137809
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.5 9.7
 122 12.8 11.4 17.0

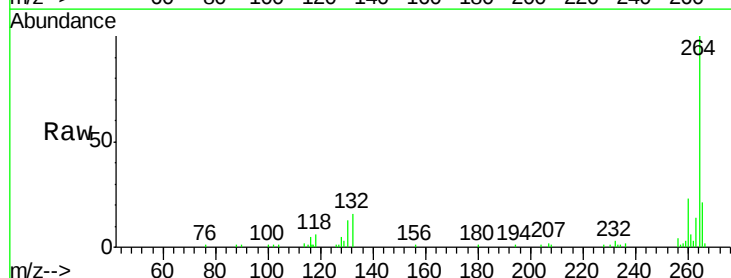


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.98 min Scan# 1172
 Delta R.T. -0.02 min
 Lab File: BF089373.D
 Acq: 28 Jul 2016 20:18

Tgt Ion:264 Resp: 85549
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.4
 265 21.1 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

