

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
 Data File : BF089474.D
 Acq On : 31 Jul 2016 16:49
 Operator : UM/SJ
 Sample : H4257-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 01 01:14:42 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

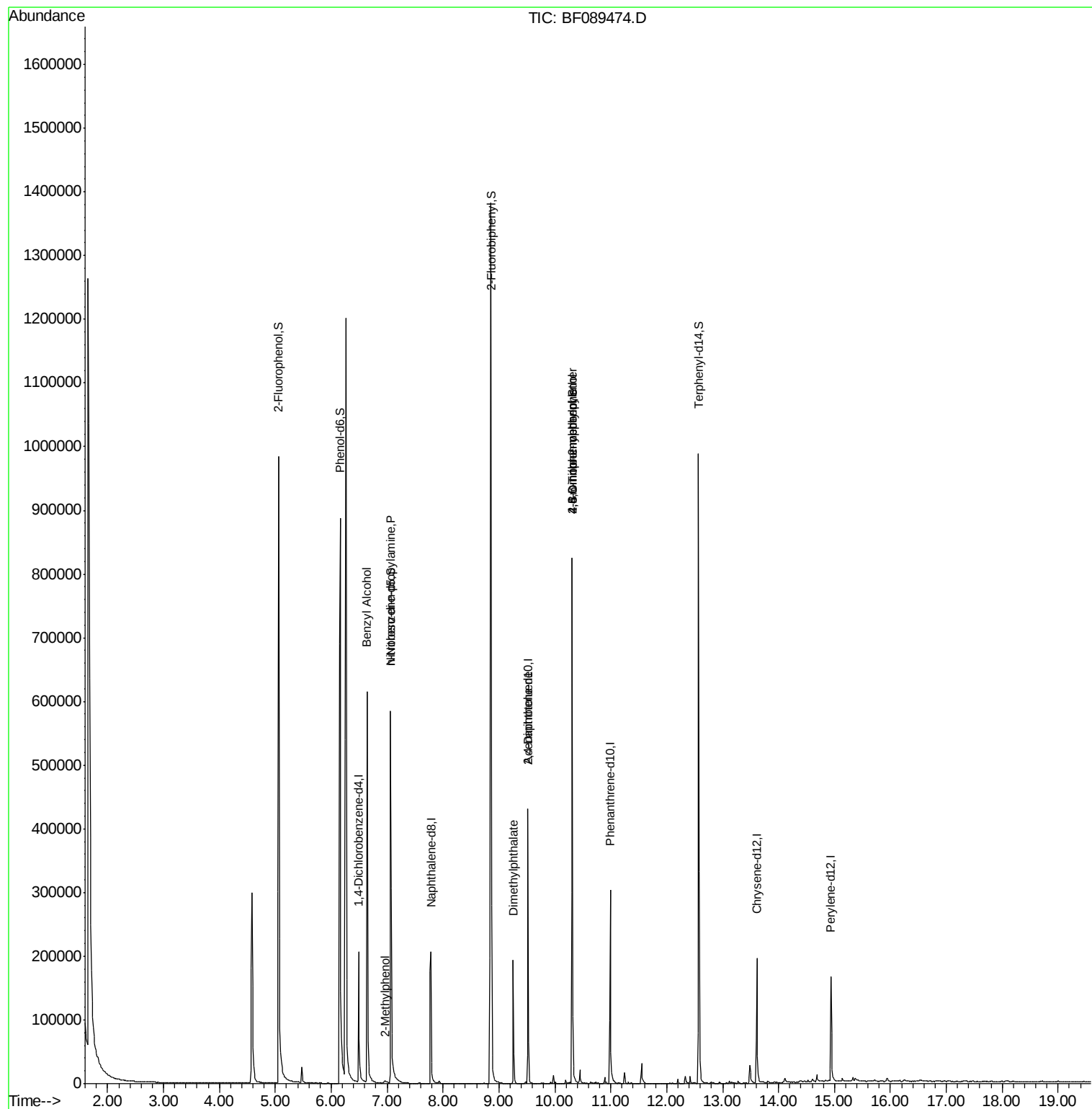
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	41791	20.00	ng	-0.06
21) Naphthalene-d8	7.78	136	164167	20.00	ng	-0.05
38) Acenaphthene-d10	9.52	164	81863	20.00	ng	-0.06
63) Phenanthrene-d10	10.99	188	141307	20.00	ng	-0.06
75) Chrysene-d12	13.61	240	82201	20.00	ng	-0.06
86) Perylene-d12	14.94	264	76394	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	361476	138.11	ng	-0.05
7) Phenol-d6	6.16	99	507292	146.66	ng	-0.05
23) Nitrobenzene-d5	7.06	82	285982	102.82	ng	-0.06
41) 2,4,6-Tribromophenol	10.31	330	92973	137.13	ng	-0.06
44) 2-Fluorobiphenyl	8.86	172	457647	82.04	ng	-0.06
78) Terphenyl-d14	12.57	244	323897	92.22	ng	-0.06
Target Compounds						
15) Benzyl Alcohol	6.64	79	4444	2.07	ng	# 48
17) 2-Methylphenol	6.96	107	5150	2.25	ng	# 65
19) n-Nitroso-di-n-propylamine	7.06	70	37736	18.09	ng	# 83
49) Dimethylphthalate	9.26	163	81570	13.09	ng	# 98
56) 2,4-Dinitrotoluene	9.52	165	10232	6.07	ng	# 7
64) 4,6-Dinitro-2-methylphenol	10.31	198	206	4.56	ng	# 1
66) 4-Bromophenyl-phenylether	10.31	248	7333	5.44	ng	# 1

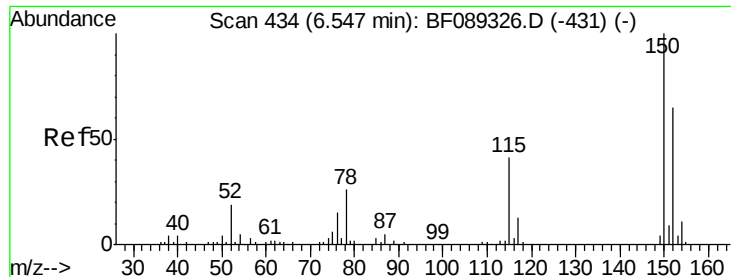
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 28 16:02:32 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.06 min

Lab File: BF089474.D

Acq: 31 Jul 2016 16:49

Instrument :

BNA_F

ClientSampled :

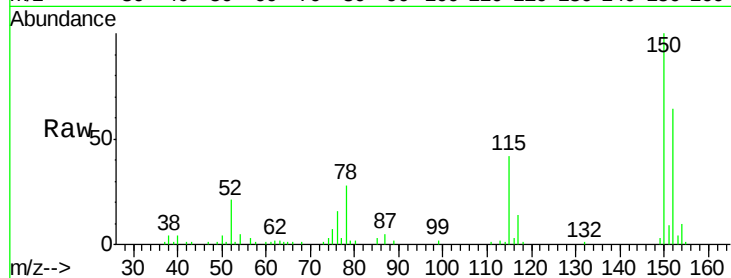
Tot Ion:152 Resp: 41791

Ion Ratio Lower Upper

152 100

150 156.3 129.5 194.3

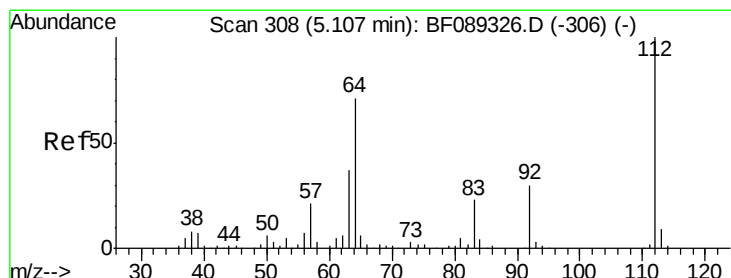
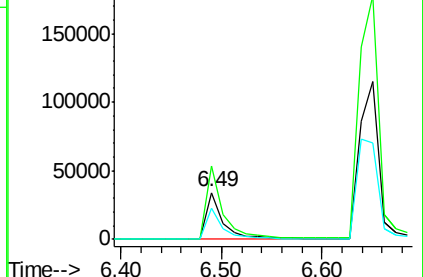
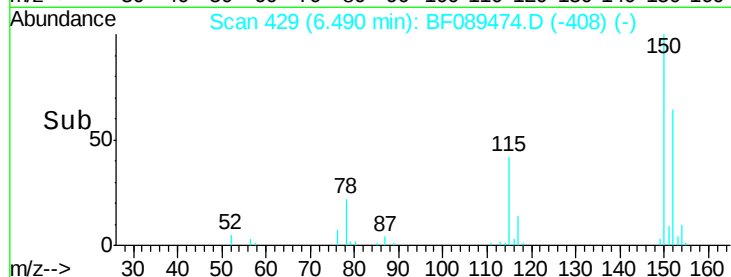
115 66.2 51.4 77.2



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: 138.11 ng

RT: 5.06 min Scan# 304

Delta R.T. -0.05 min

Lab File: BF089474.D

Acq: 31 Jul 2016 16:49

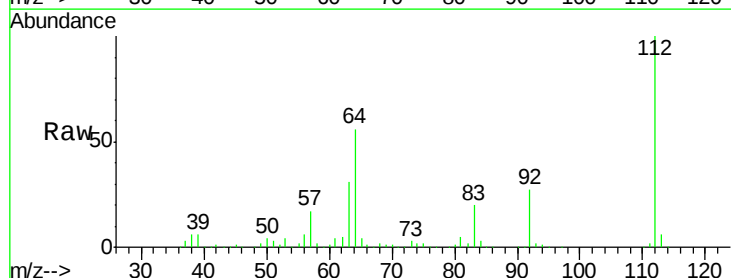
Tgt Ion:112 Resp: 361476

Ion Ratio Lower Upper

112 100

64 56.5 55.0 82.6

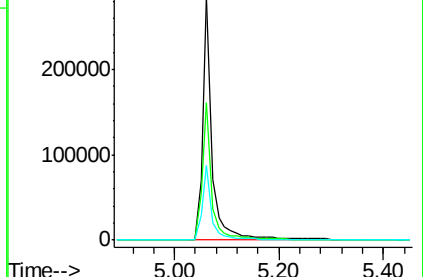
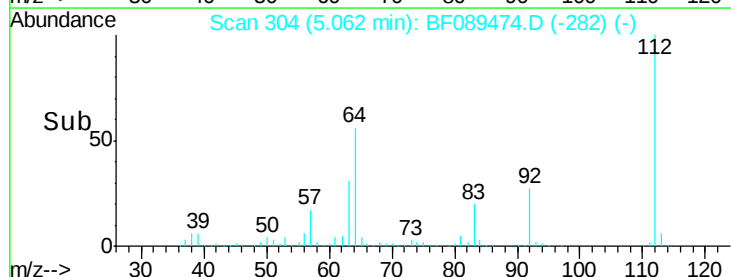
63 30.5 29.4 44.2



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: 146.66 ng

RT: 6.16 min Scan# 400

Delta R.T. -0.05 min

Lab File: BF089474.D

Acq: 31 Jul 2016 16:49

Instrument :

BNA_F

ClientSampleId :

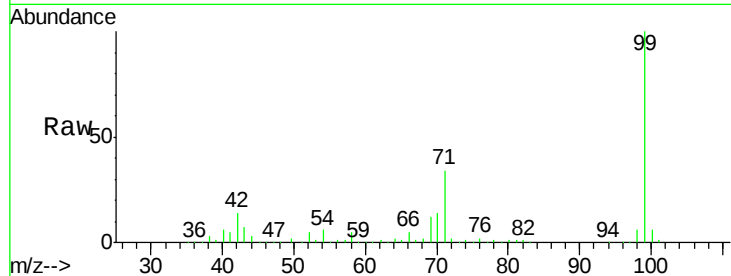
Tot Ion: 99 Resp: 507292

Ion Ratio Lower Upper

99 100

42 14.2 13.6 20.4

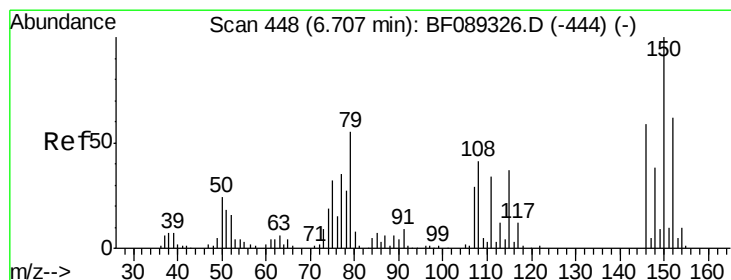
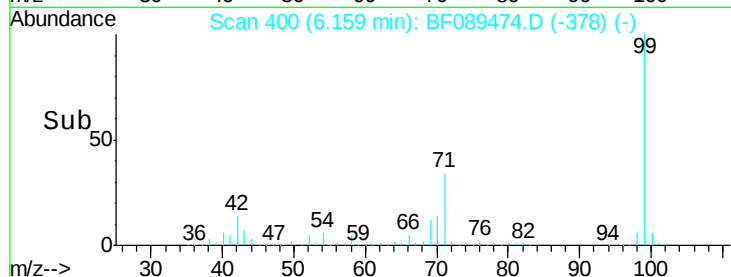
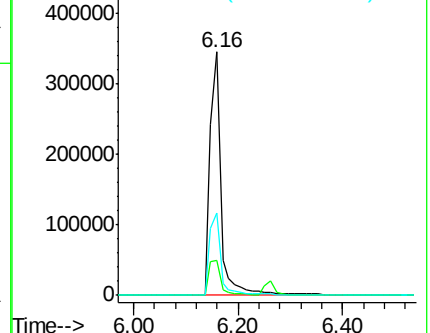
71 33.8 29.4 44.2



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: 2.07 ng

RT: 6.64 min Scan# 442

Delta R.T. -0.07 min

Lab File: BF089474.D

Acq: 31 Jul 2016 16:49

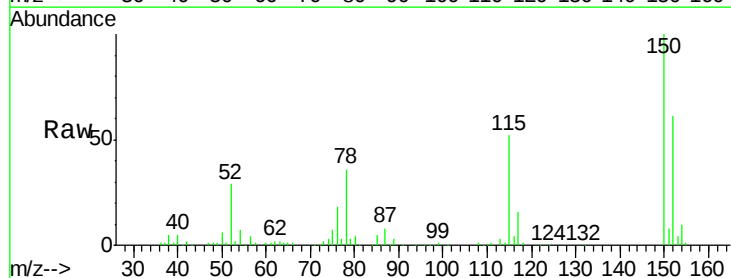
Tgt Ion: 79 Resp: 4444

Ion Ratio Lower Upper

79 100

108 24.2 59.8 89.6#

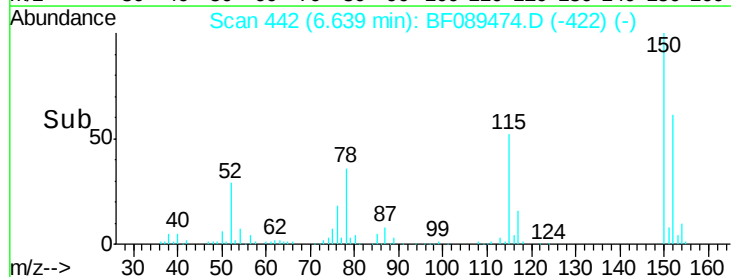
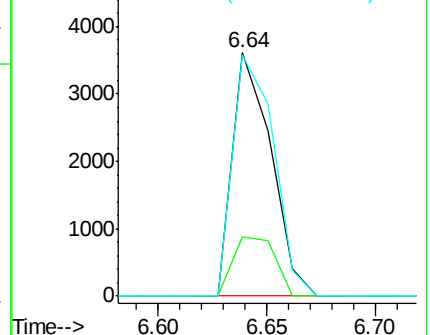
77 99.3 51.7 77.5#

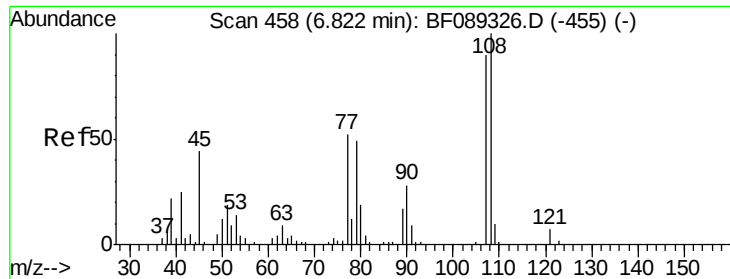


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

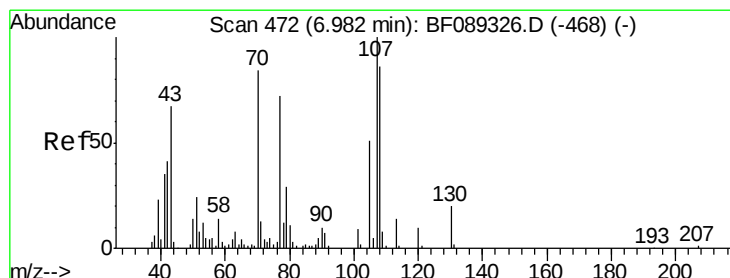
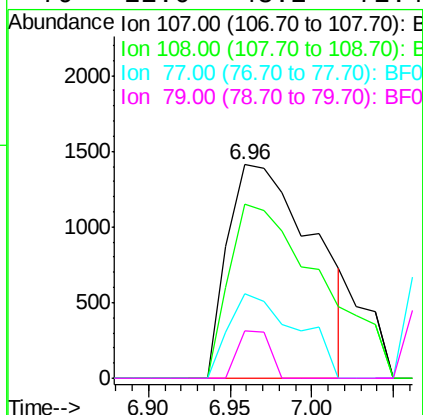
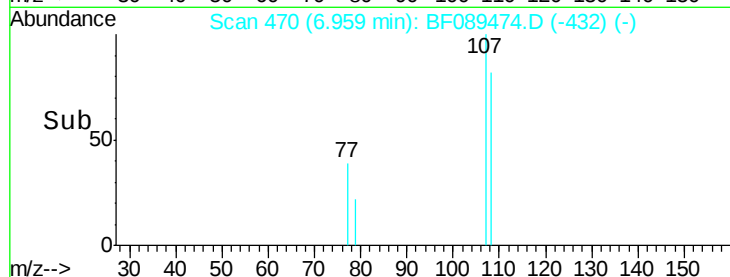
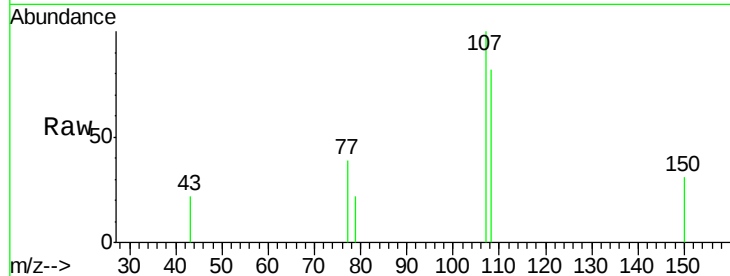




#17
2-Methylphenol
Concen: 2.25 ng
RT: 6.96 min Scan# 470
Delta R.T. 0.14 min
Lab File: BF089474.D
Acq: 31 Jul 2016 16:49

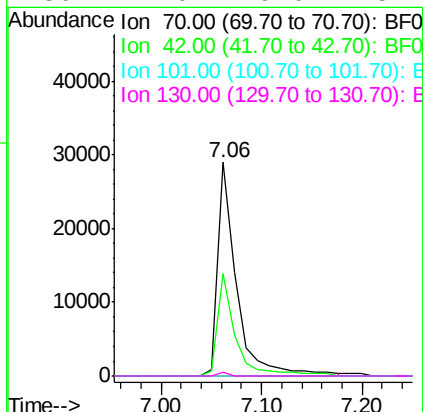
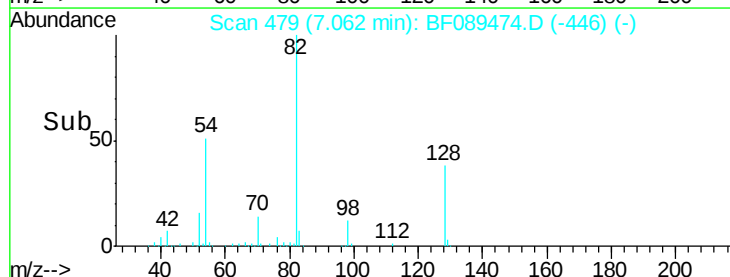
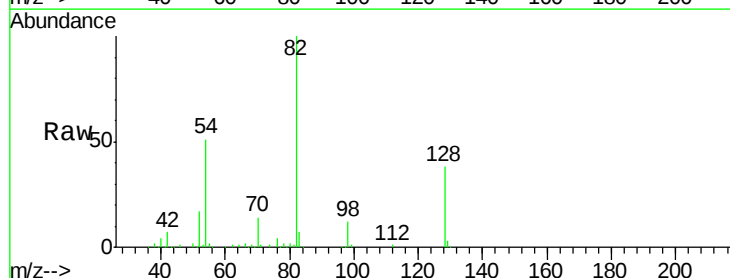
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	81.7	91.4	137.0#
77	39.4	48.6	73.0#
79	22.0	48.2	72.4#



#19
n-Nitroso-di-n-propylamine
Concen: 18.09 ng
RT: 7.06 min Scan# 479
Delta R.T. 0.08 min
Lab File: BF089474.D
Acq: 31 Jul 2016 16:49

Tgt Ion	Ratio	Lower	Upper
70	100		
42	47.8	38.6	57.8
101	0.0	8.3	12.5#
130	2.0	19.0	28.4#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.78 min Scan# 542

Delta R.T. -0.05 min

Lab File: BF089474.D

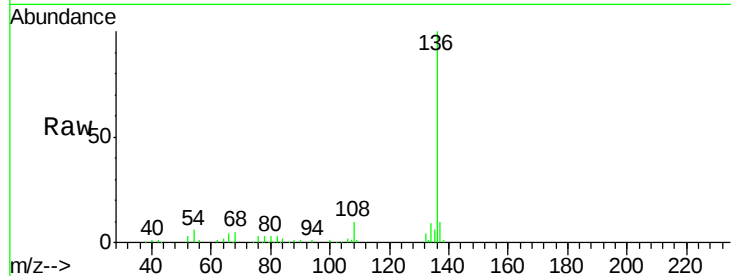
Acq: 31 Jul 2016 16:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	164167
Ion Ratio	Lower	Upper
136	100	
137	10.3	8.6 13.0
54	5.7	7.0 10.4#
68	4.6	4.9 7.3#

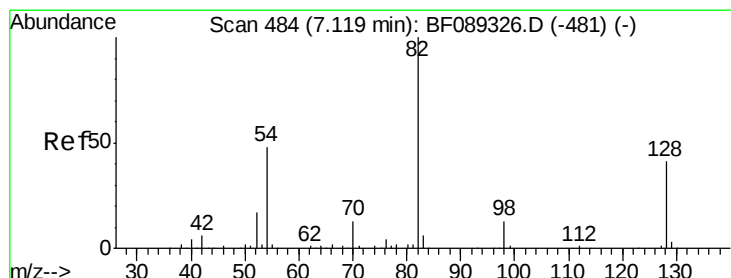
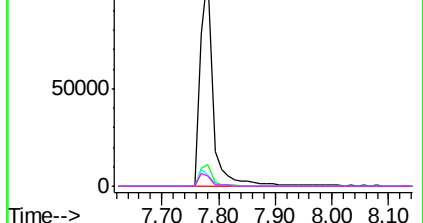
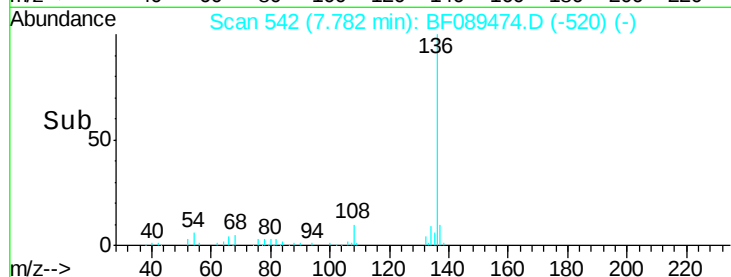


Abundance Ion 136.00 (135.70 to 136.70): E

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: 102.82 ng

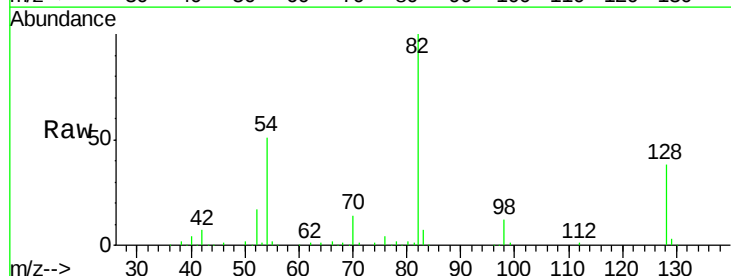
RT: 7.06 min Scan# 479

Delta R.T. -0.06 min

Lab File: BF089474.D

Acq: 31 Jul 2016 16:49

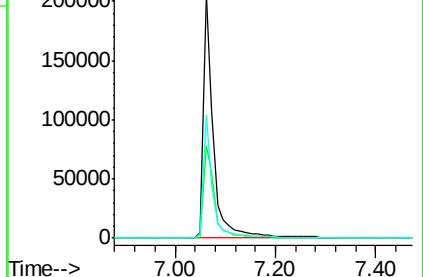
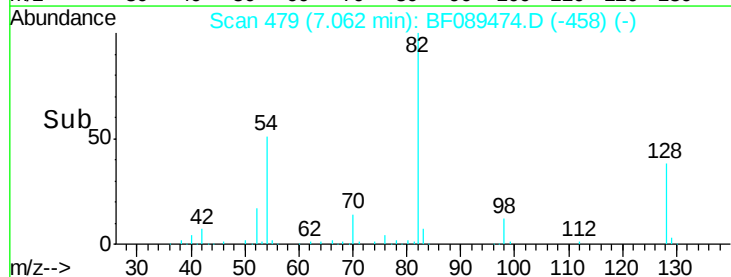
Tgt Ion: 82	Resp:	285982
Ion Ratio	Lower	Upper
82	100	
128	38.1	32.5 48.7
54	50.6	38.8 58.2

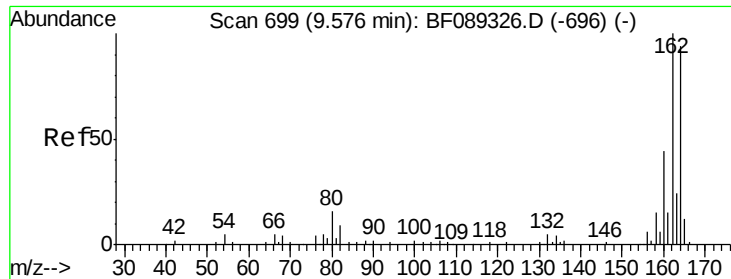


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

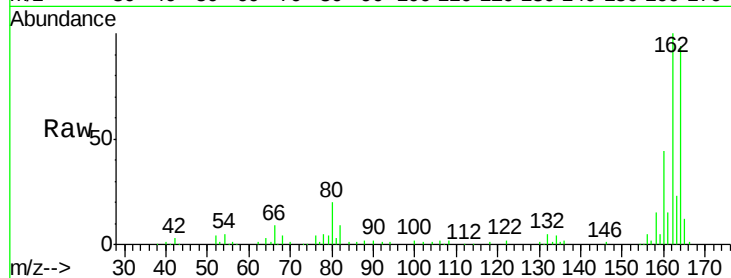




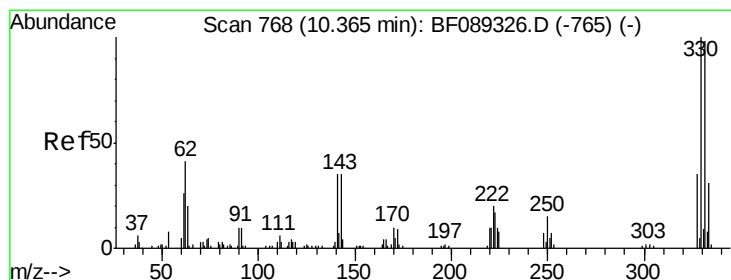
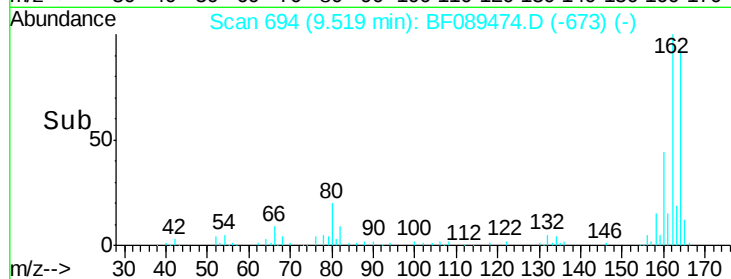
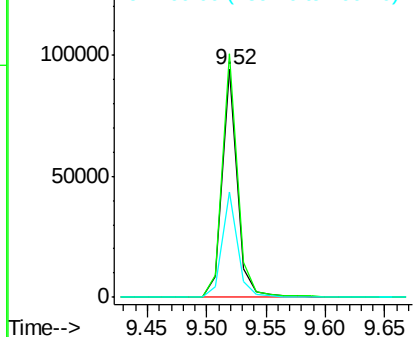
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.52 min Scan# 694
 Delta R.T. -0.06 min
 Lab File: BF089474.D
 Acq: 31 Jul 2016 16:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 81863
 Ion Ratio Lower Upper
 164 100
 162 106.9 83.7 125.5
 160 46.5 37.8 56.6

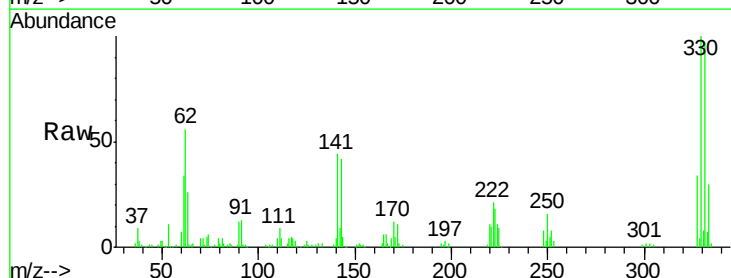


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

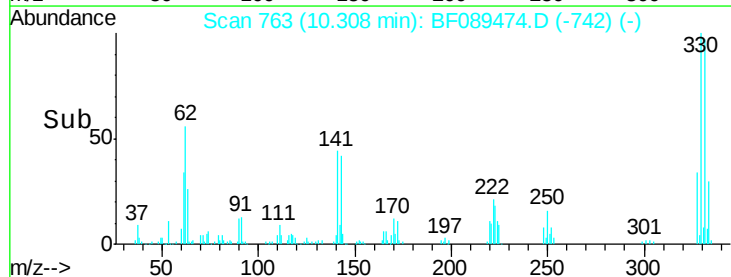
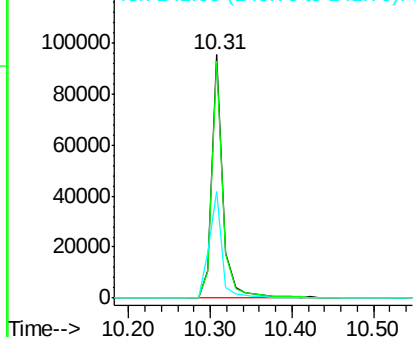


#41
 2,4,6-Tribromophenol
 Concen: 137.13 ng
 RT: 10.31 min Scan# 763
 Delta R.T. -0.06 min
 Lab File: BF089474.D
 Acq: 31 Jul 2016 16:49

Tgt Ion:330 Resp: 92973
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.8 115.2
 141 50.4 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

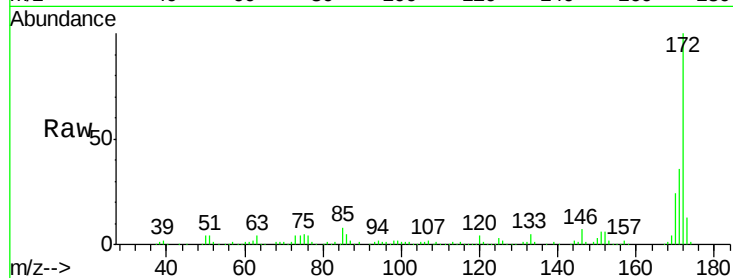




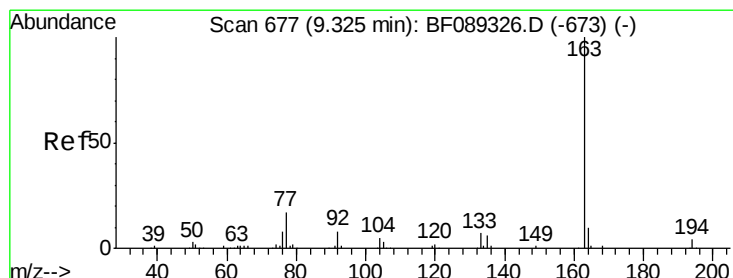
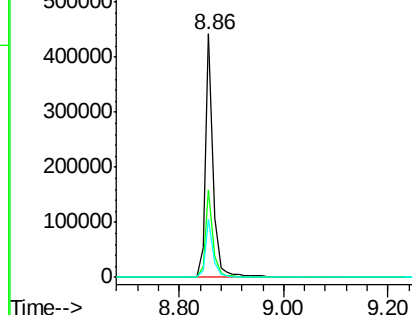
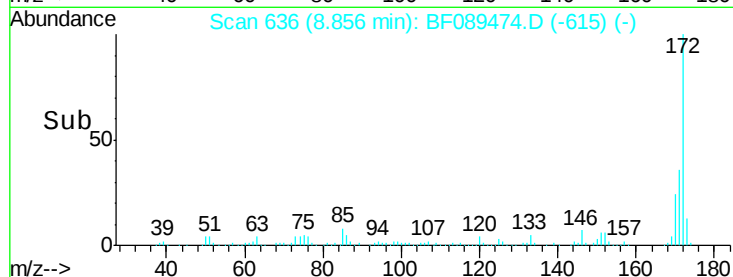
#44
 2-Fluorobiphenyl
 Concen: 82.04 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.06 min
 Lab File: BF089474.D
 Acq: 31 Jul 2016 16:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 457647
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.2 43.8
 170 24.1 19.2 28.8

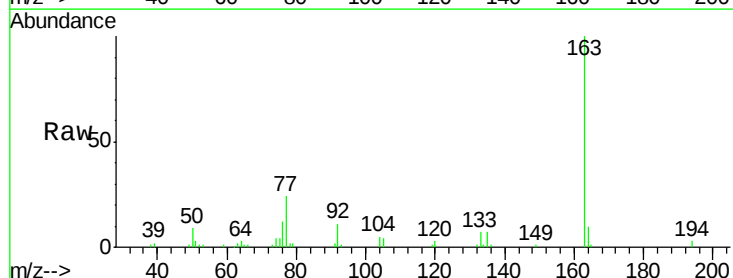


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

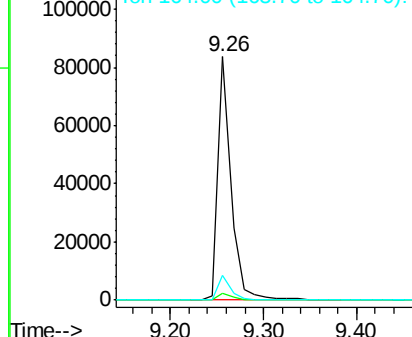
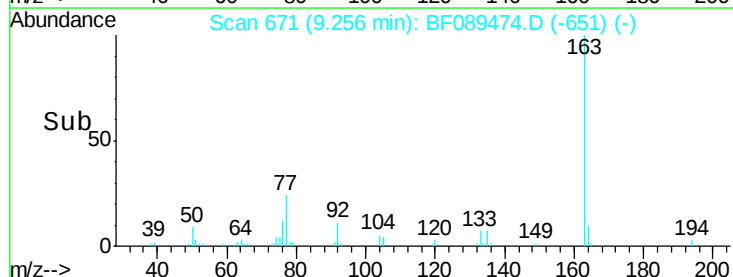


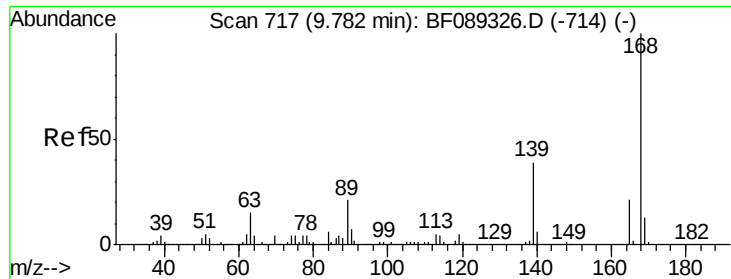
#49
 Dimethylphthalate
 Concen: 13.09 ng
 RT: 9.26 min Scan# 671
 Delta R.T. -0.07 min
 Lab File: BF089474.D
 Acq: 31 Jul 2016 16:49

Tgt Ion:163 Resp: 81570
 Ion Ratio Lower Upper
 163 100
 194 3.1 2.8 4.2
 164 10.4 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

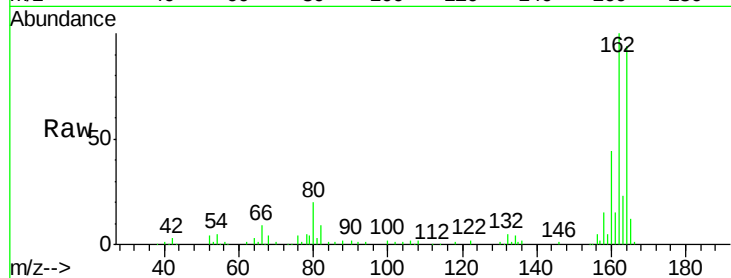




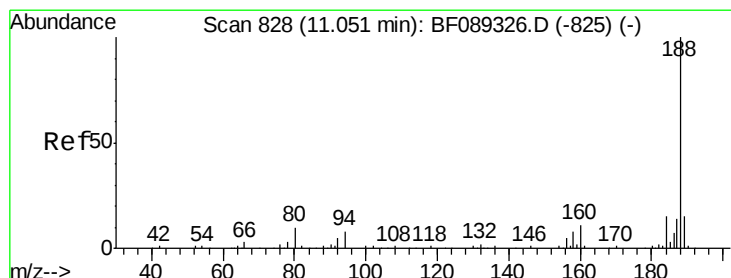
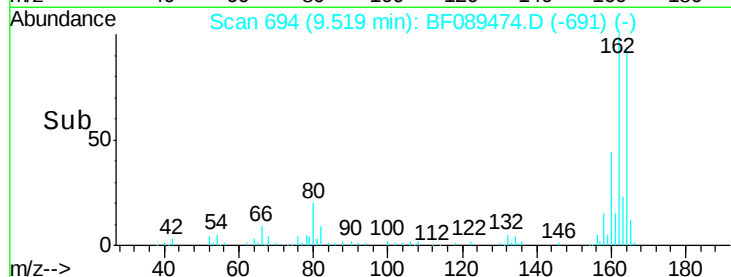
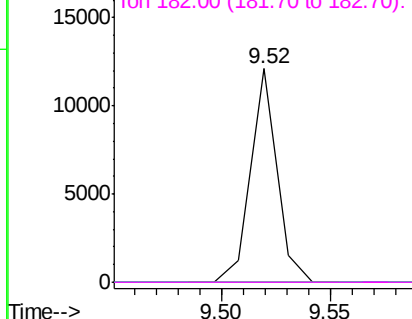
#56
2,4-Dinitrotoluene
Concen: 6.07 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.26 min
Lab File: BF089474.D
Acq: 31 Jul 2016 16:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 10232
Ion Ratio Lower Upper
165 100
63 0.0 58.2 87.2#
89 0.0 79.1 118.7#
182 0.0 1.8 2.8#

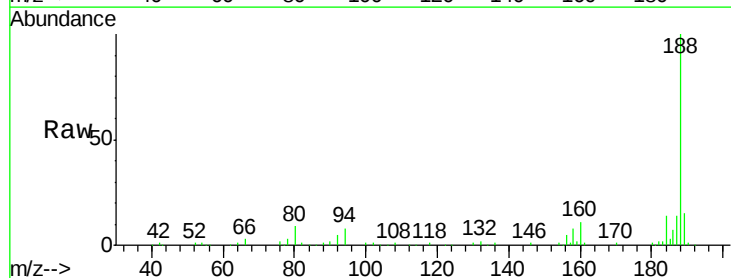


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

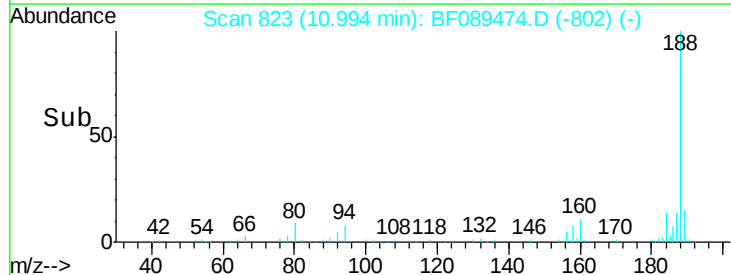
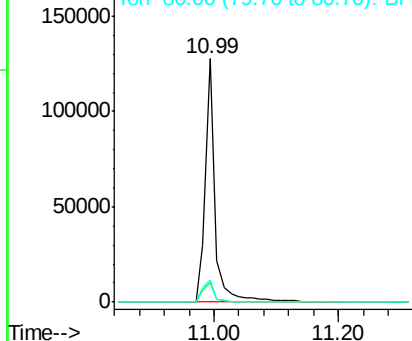


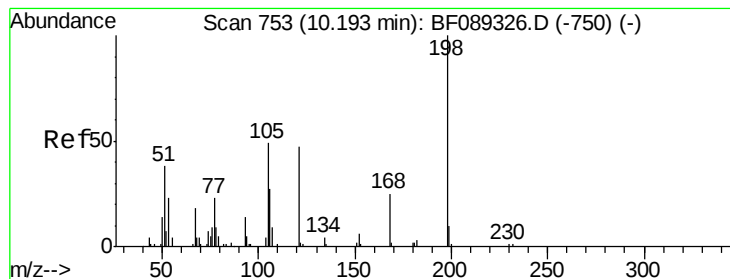
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.99 min Scan# 823
Delta R.T. -0.06 min
Lab File: BF089474.D
Acq: 31 Jul 2016 16:49

Tgt Ion:188 Resp: 141307
Ion Ratio Lower Upper
188 100
94 7.9 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





#64

4,6-Dinitro-2-methylphenol

Concen: 4.56 ng

RT: 10.31 min Scan# 763

Delta R.T. 0.11 min

Lab File: BF089474.D

Acq: 31 Jul 2016 16:49

Instrument :

BNA_F

ClientSampleId :

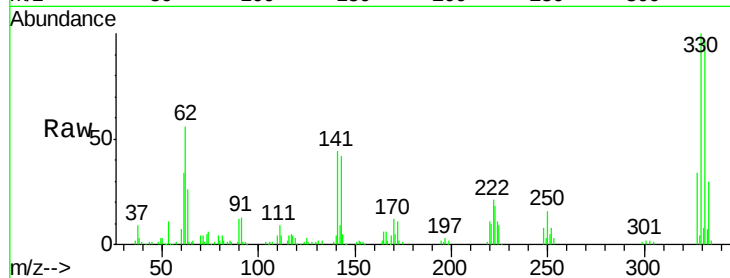
Tot Ion:198 Resp: 206

Ion Ratio Lower Upper

198 100

51 135.9 23.0 63.0#

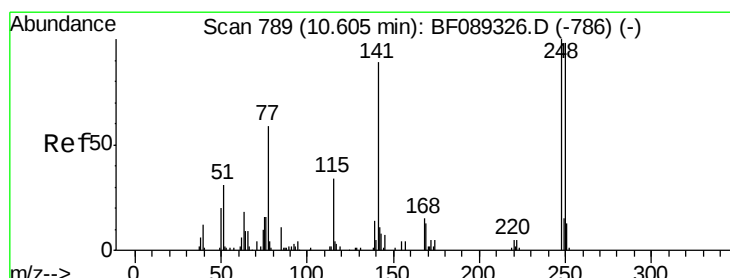
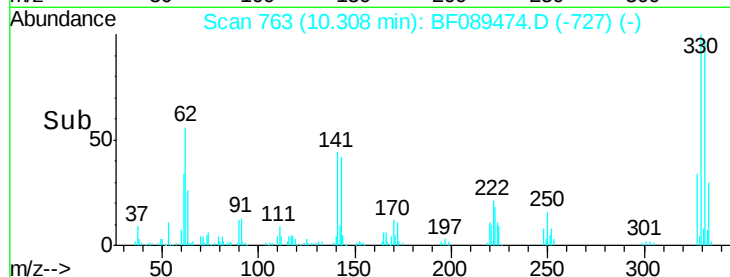
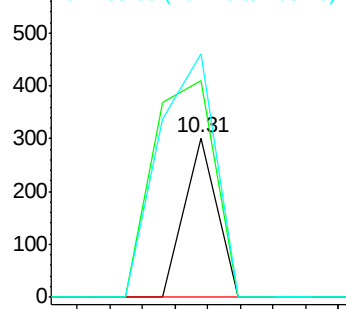
105 153.2 28.3 68.3#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 5.44 ng

RT: 10.31 min Scan# 763

Delta R.T. -0.30 min

Lab File: BF089474.D

Acq: 31 Jul 2016 16:49

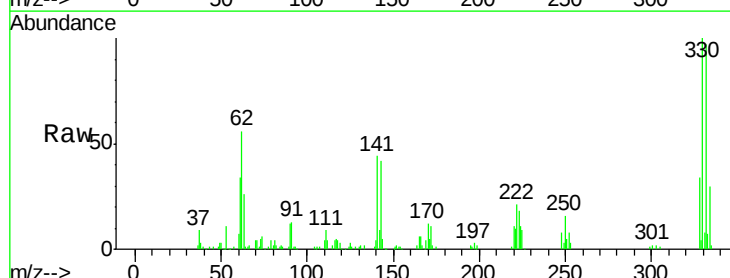
Tgt Ion:248 Resp: 7333

Ion Ratio Lower Upper

248 100

250 193.4 78.2 117.2#

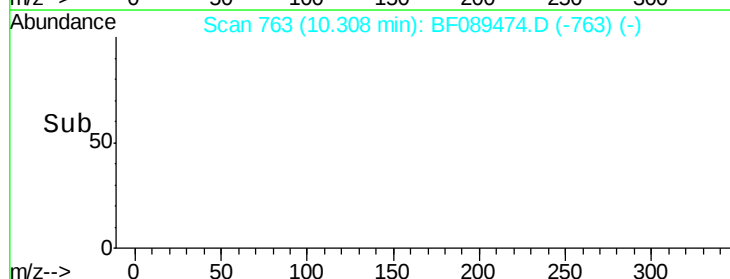
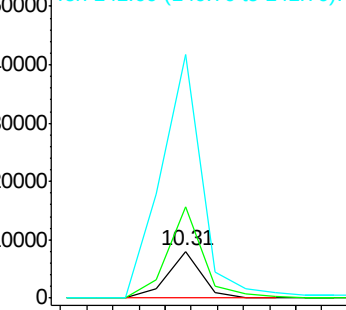
141 518.2 62.0 93.0#

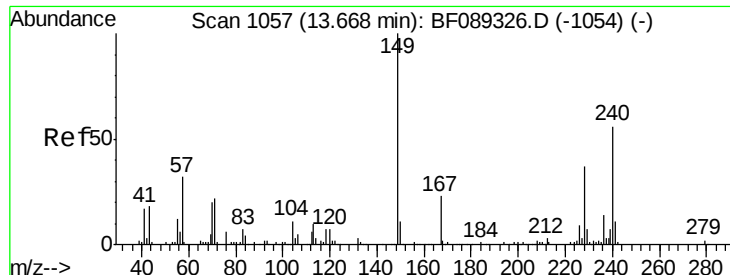


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.61 min Scan# 1052

Delta R.T. -0.06 min

Lab File: BF089474.D

Acq: 31 Jul 2016 16:49

Instrument :

BNA_F

ClientSampleId :

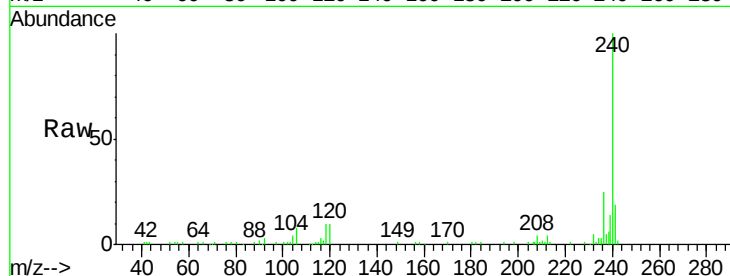
Tot Ion:240 Resp: 82201

Ion Ratio Lower Upper

240 100

120 10.1 9.1 13.7

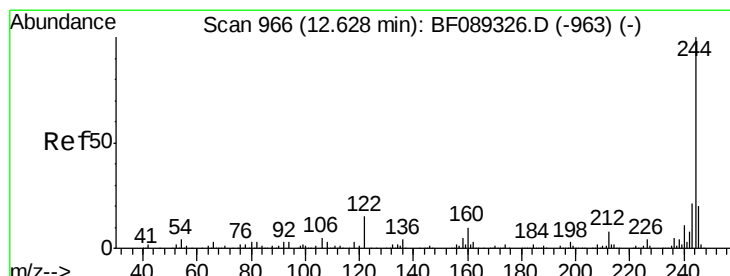
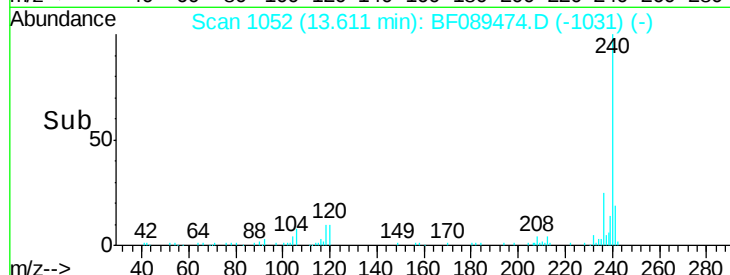
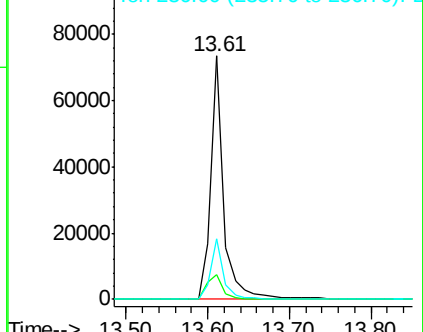
236 25.1 20.6 30.8



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: 92.22 ng

RT: 12.57 min Scan# 961

Delta R.T. -0.06 min

Lab File: BF089474.D

Acq: 31 Jul 2016 16:49

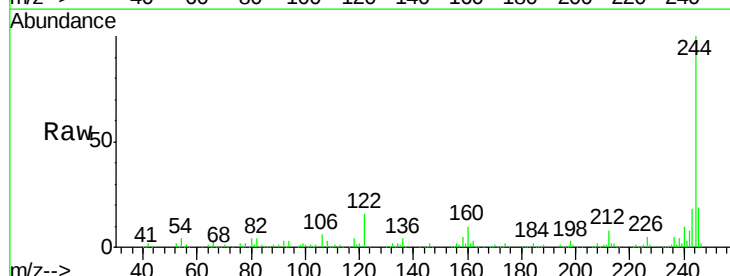
Tgt Ion:244 Resp: 323897

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

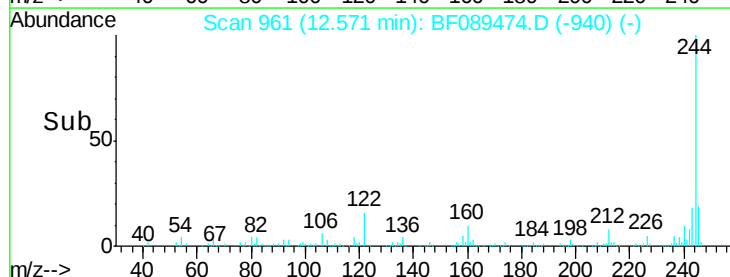
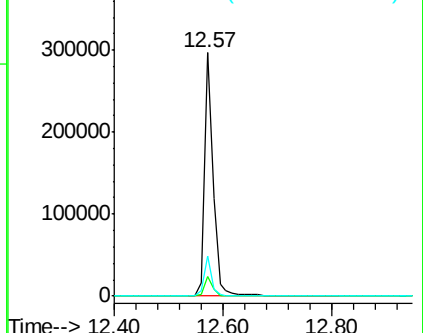
122 16.5 11.4 17.0

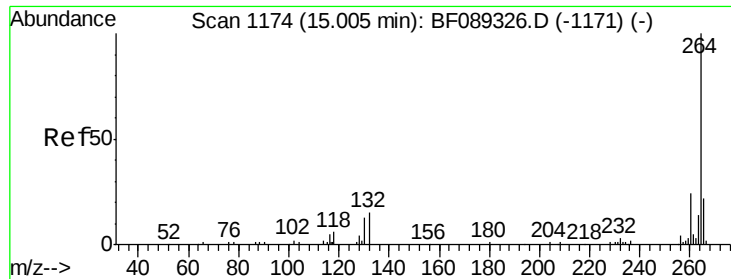


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

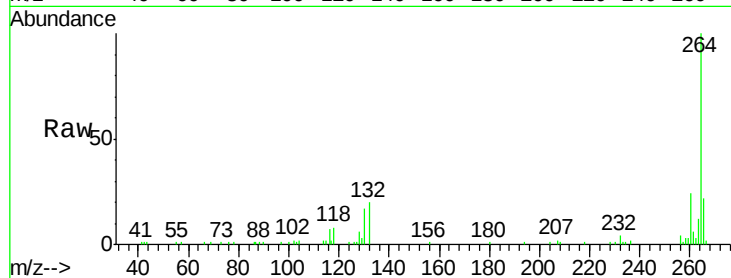




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 14.94 min Scan# 1168
 Delta R.T. -0.07 min
 Lab File: BF089474.D
 Acq: 31 Jul 2016 16:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 264 Resp: 76394
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.4
 265 22.0 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

