

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
 Data File : BF089467.D
 Acq On : 31 Jul 2016 13:21
 Operator : UM/SJ
 Sample : H4284-19
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 01 01:13:15 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

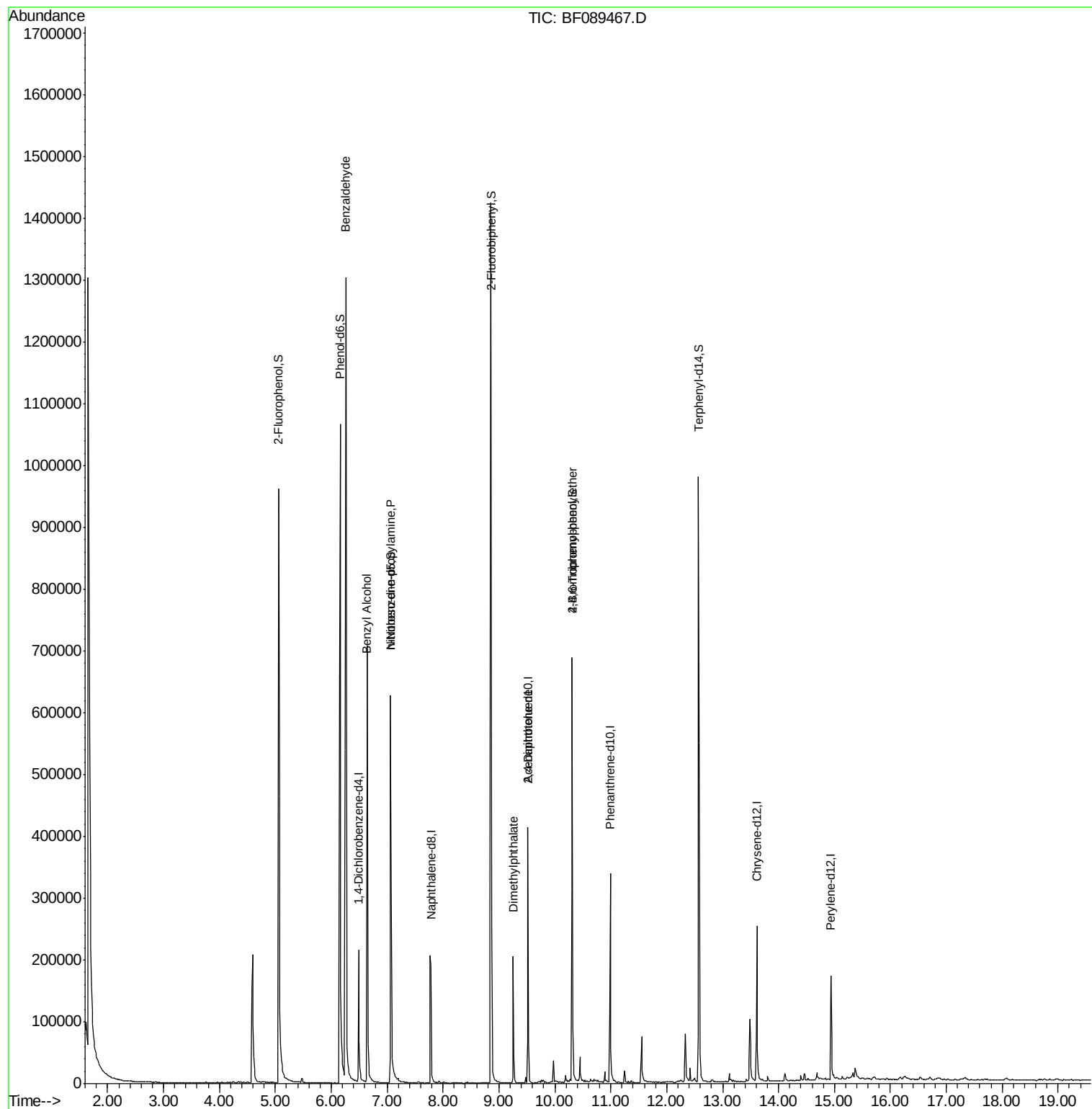
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	41406	20.00	ng	-0.06
21) Naphthalene-d8	7.78	136	165207	20.00	ng	-0.05
38) Acenaphthene-d10	9.52	164	81700	20.00	ng	-0.06
63) Phenanthrene-d10	10.99	188	154708	20.00	ng	-0.06
75) Chrysene-d12	13.61	240	99577	20.00	ng	-0.06
86) Perylene-d12	14.94	264	74103	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	365681	141.02	ng	-0.05
7) Phenol-d6	6.16	99	537461	156.83	ng	-0.05
23) Nitrobenzene-d5	7.06	82	298658	106.71	ng	-0.06
41) 2,4,6-Tribromophenol	10.31	330	82883	122.49	ng	-0.06
44) 2-Fluorobiphenyl	8.86	172	474031	85.15	ng	-0.06
78) Terphenyl-d14	12.57	244	376020	88.38	ng	-0.06
Target Compounds						
9) Benzaldehyde	6.26	77	9836	5.88	ng	Qvalue 84
15) Benzyl Alcohol	6.64	79	4732	2.22	ng	# 50
19) n-Nitroso-di-n-propylamine	7.06	70	39515	19.12	ng	# 82
49) Dimethylphthalate	9.26	163	83504	13.43	ng	99
56) 2,4-Dinitrotoluene	9.52	165	10165	6.04	ng	# 7
66) 4-Bromophenyl-phenylether	10.31	248	6321	4.28	ng	# 1

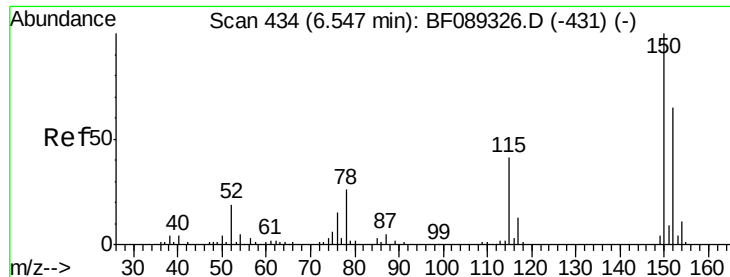
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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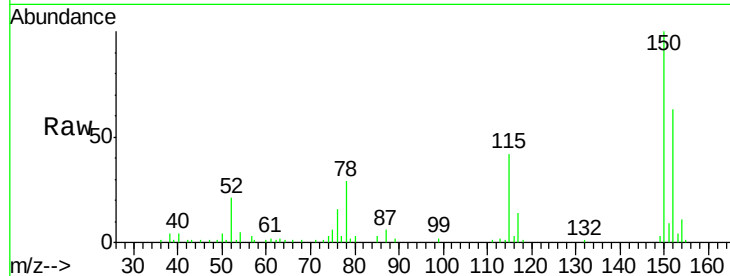


#1

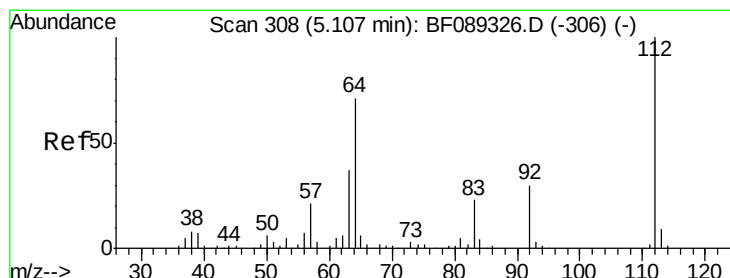
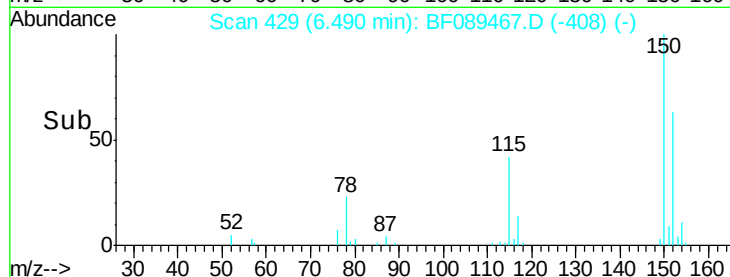
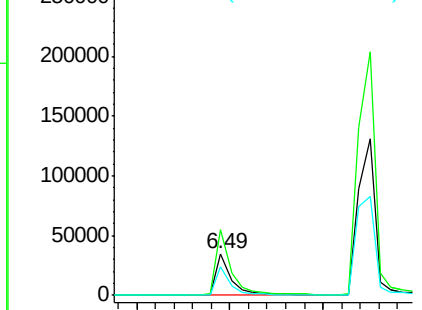
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.49 min Scan# 429
Delta R.T. -0.06 min
Lab File: BF089467.D
Acq: 31 Jul 2016 13:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 41406
Ion Ratio Lower Upper
152 100
150 158.4 129.5 194.3
115 67.3 51.4 77.2



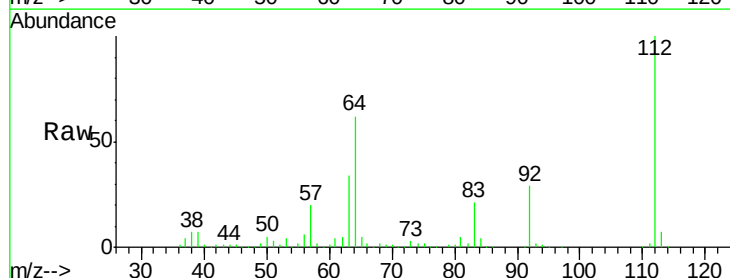
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



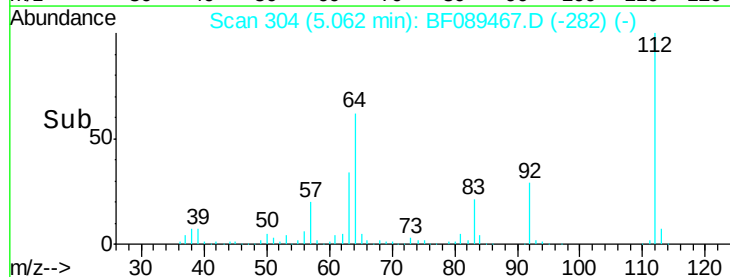
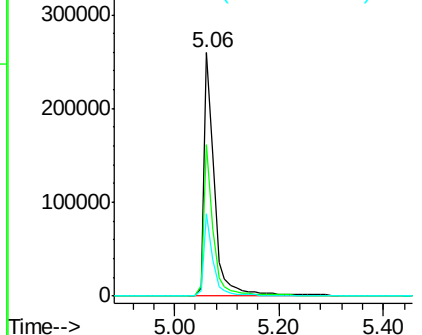
#5

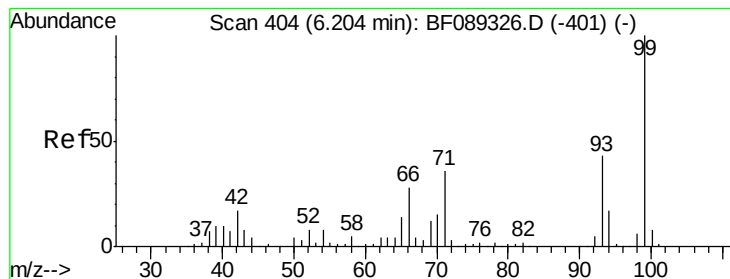
2-Fluorophenol
Concen: 141.02 ng
RT: 5.06 min Scan# 304
Delta R.T. -0.05 min
Lab File: BF089467.D
Acq: 31 Jul 2016 13:21

Tgt Ion:112 Resp: 365681
Ion Ratio Lower Upper
112 100
64 62.4 55.0 82.6
63 33.9 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: 156.83 ng

RT: 6.16 min Scan# 400

Delta R.T. -0.05 min

Lab File: BF089467.D

Acq: 31 Jul 2016 13:21

Instrument :

BNA_F

ClientSampled :

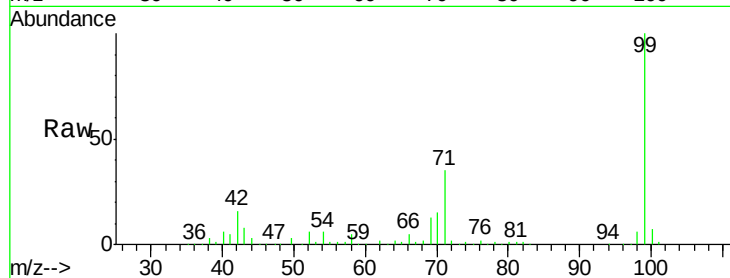
Tot Ion: 99 Resp: 537461

Ion Ratio Lower Upper

99 100

42 15.8 13.6 20.4

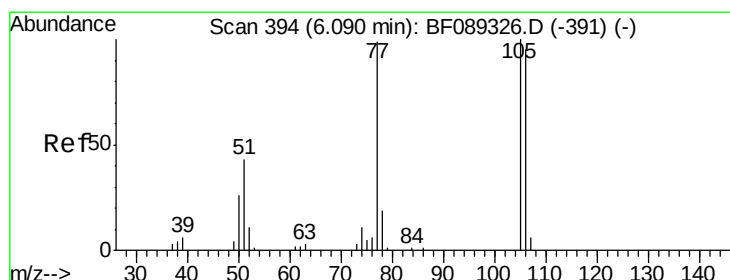
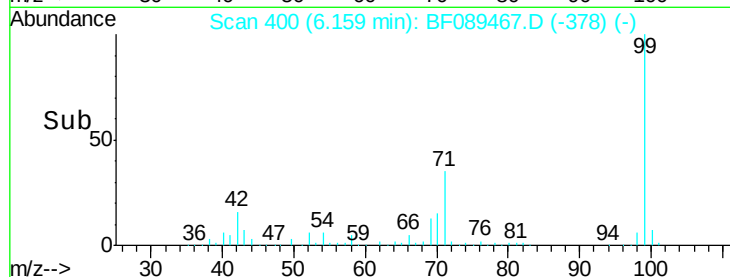
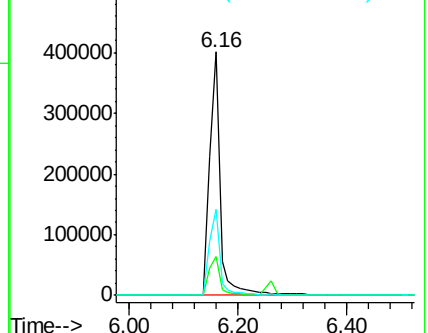
71 35.4 29.4 44.2



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



#9

Benzaldehyde

Concen: 5.88 ng

RT: 6.26 min Scan# 409

Delta R.T. 0.17 min

Lab File: BF089467.D

Acq: 31 Jul 2016 13:21

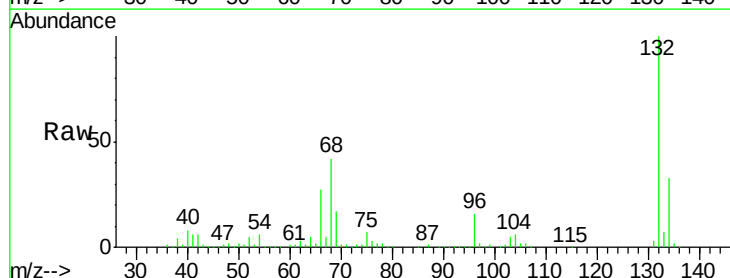
Tgt Ion: 77 Resp: 9836

Ion Ratio Lower Upper

77 100

105 86.7 82.9 122.9

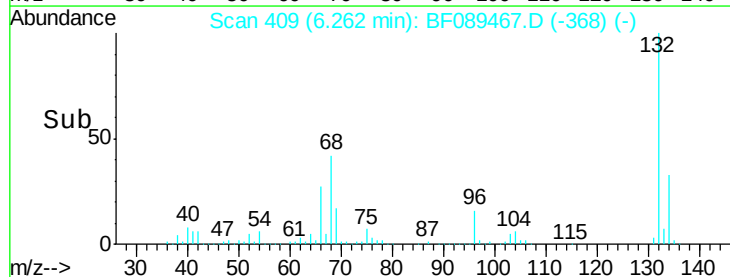
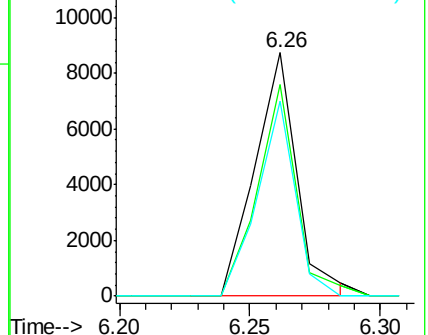
106 79.9 75.9 115.9

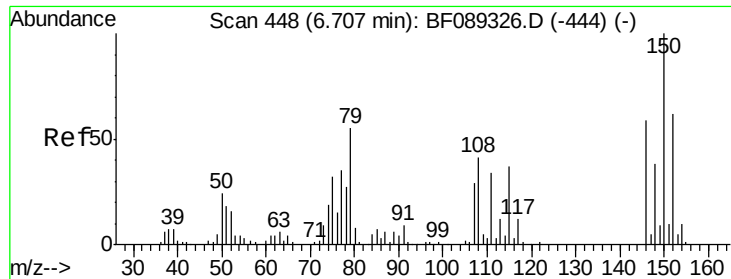


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

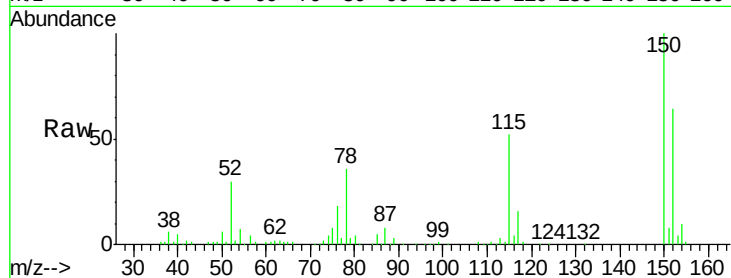




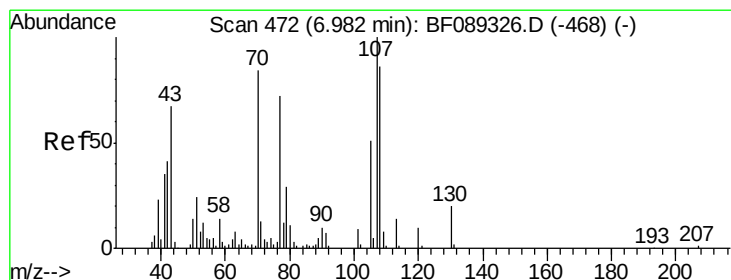
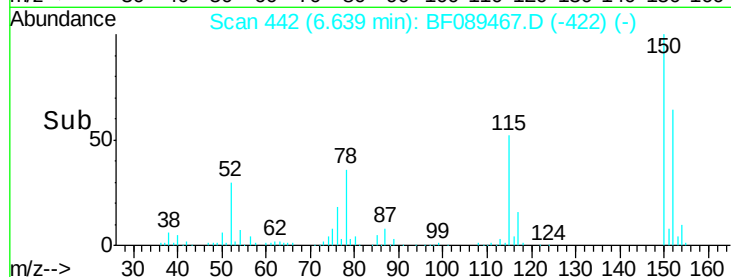
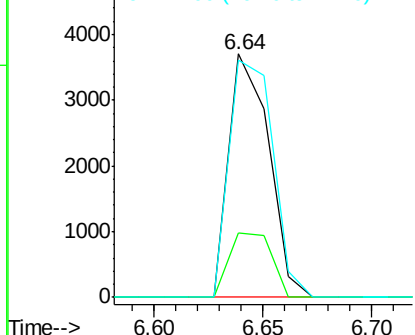
#15
Benzyl Alcohol
Concen: 2.22 ng
RT: 6.64 min Scan# 442
Delta R.T. -0.07 min
Lab File: BF089467.D
Acq: 31 Jul 2016 13:21

Instrument :
BNA_F
ClientSampled :

Tot Ion: 79 Resp: 4732
Ion Ratio Lower Upper
79 100
108 26.3 59.8 89.6#
77 97.2 51.7 77.5#

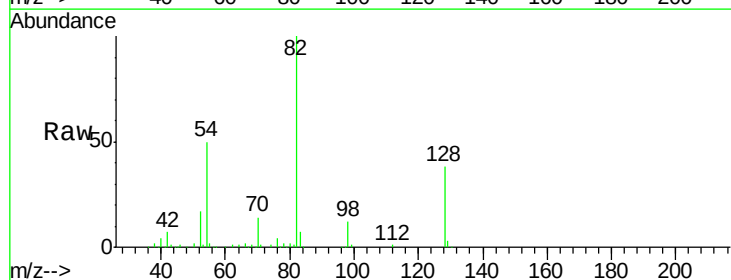


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

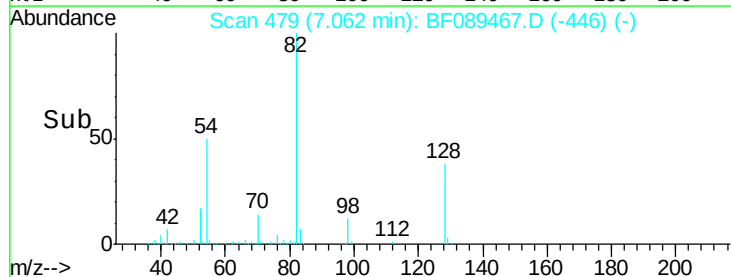
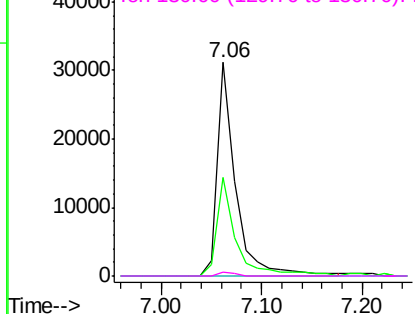


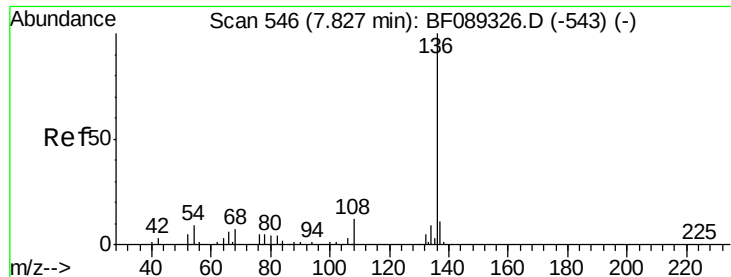
#19
n-Nitroso-di-n-propylamine
Concen: 19.12 ng
RT: 7.06 min Scan# 479
Delta R.T. 0.08 min
Lab File: BF089467.D
Acq: 31 Jul 2016 13:21

Tgt Ion: 70 Resp: 39515
Ion Ratio Lower Upper
70 100
42 46.2 38.6 57.8
101 0.0 8.3 12.5#
130 1.9 19.0 28.4#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): BF0
Ion 130.00 (129.70 to 130.70): BF0

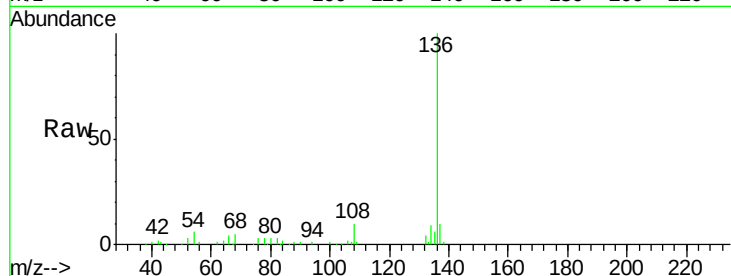




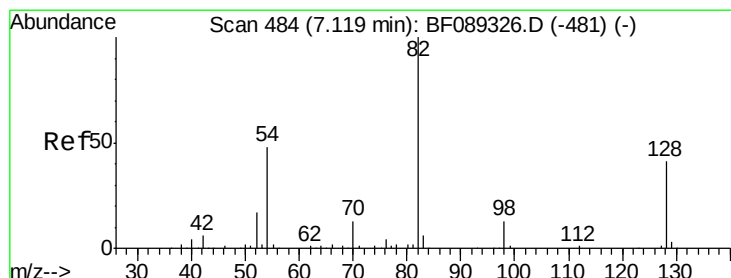
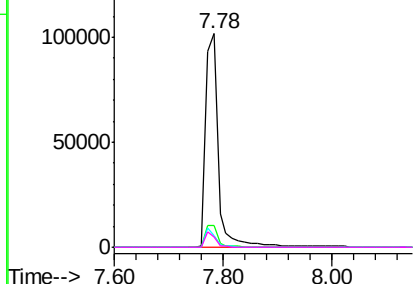
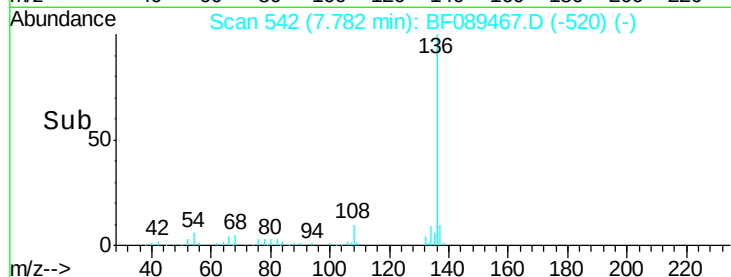
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.78 min Scan# 542
Delta R.T. -0.05 min
Lab File: BF089467.D
Acq: 31 Jul 2016 13:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	165207
Ion Ratio	Lower	Upper
136	100	
137	10.2	8.6 13.0
54	5.7	7.0 10.4#
68	4.7	4.9 7.3#

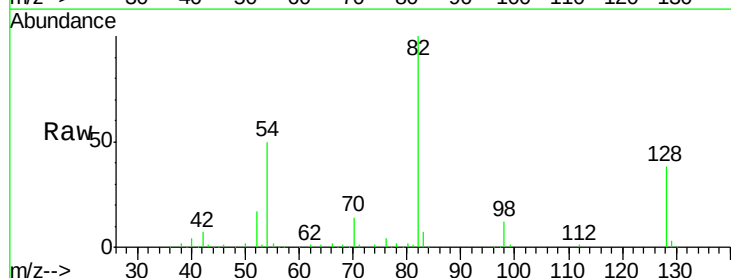


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

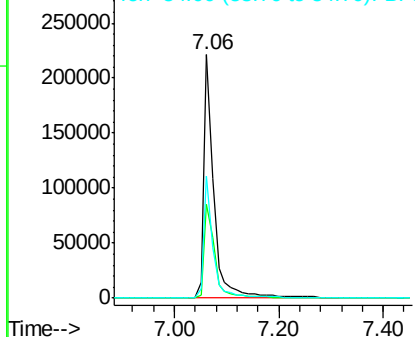
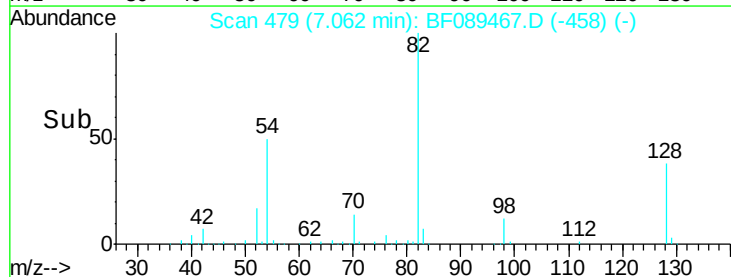


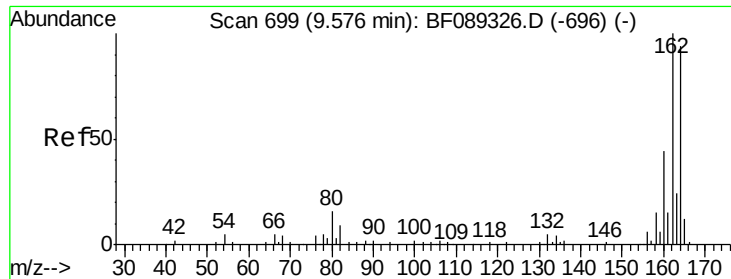
#23
Nitrobenzene-d5
Concen: 106.71 ng
RT: 7.06 min Scan# 479
Delta R.T. -0.06 min
Lab File: BF089467.D
Acq: 31 Jul 2016 13:21

Tgt Ion: 82	Resp:	298658
Ion Ratio	Lower	Upper
82	100	
128	38.4	32.5 48.7
54	50.1	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

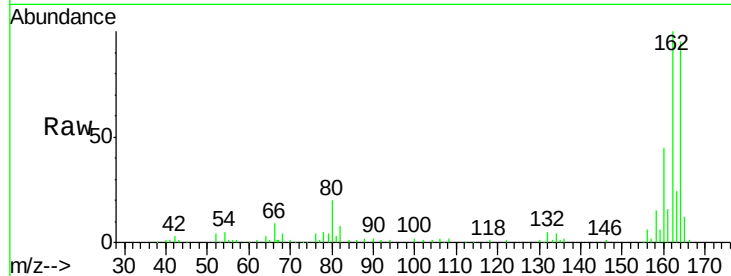




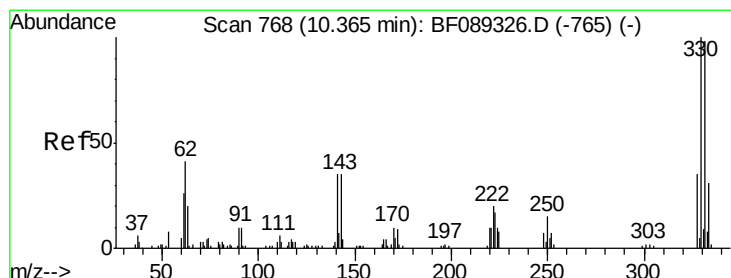
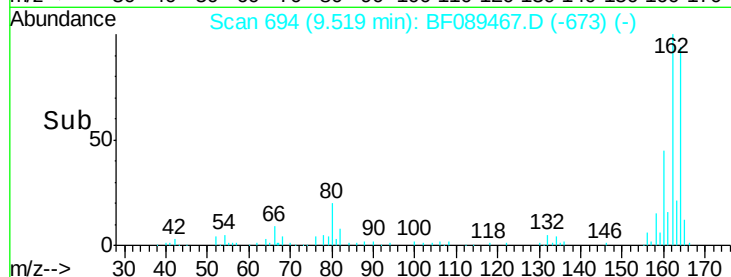
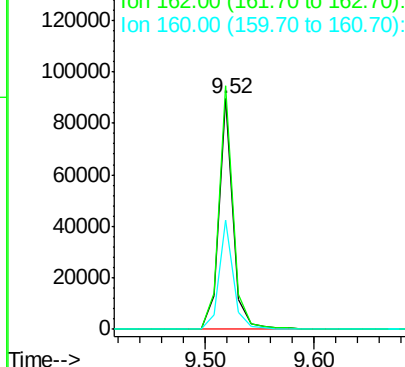
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.06 min
Lab File: BF089467.D
Acq: 31 Jul 2016 13:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 81700
Ion Ratio Lower Upper
164 100
162 105.5 83.7 125.5
160 47.6 37.8 56.6

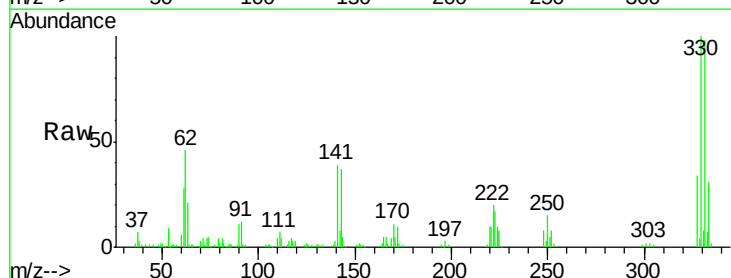


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

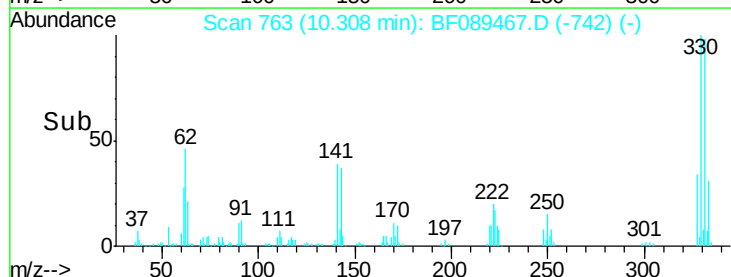
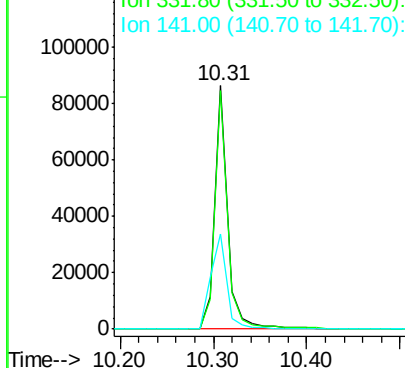


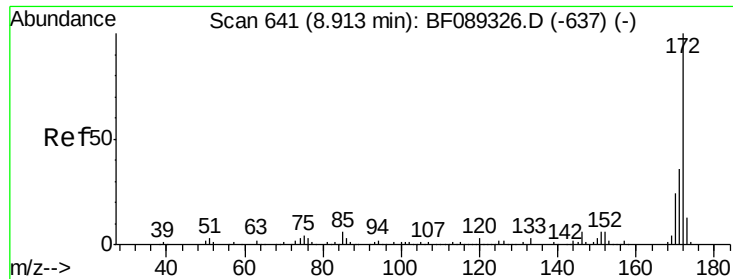
#41
2,4,6-Tribromophenol
Concen: 122.49 ng
RT: 10.31 min Scan# 763
Delta R.T. -0.06 min
Lab File: BF089467.D
Acq: 31 Jul 2016 13:21

Tgt Ion:330 Resp: 82883
Ion Ratio Lower Upper
330 100
332 97.1 76.8 115.2
141 48.6 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

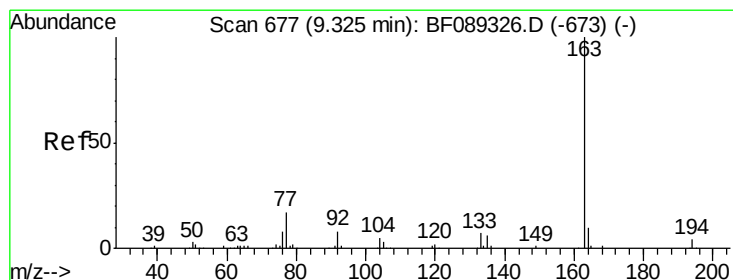
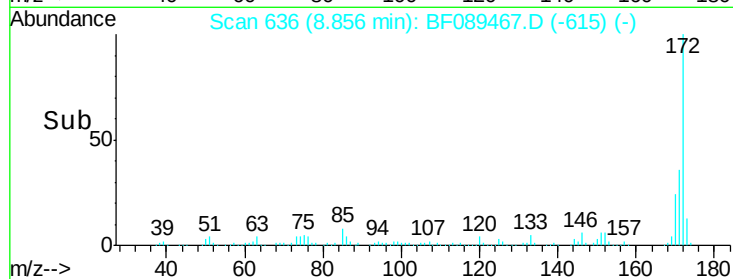
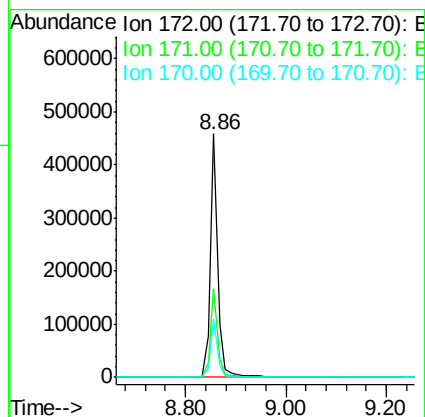
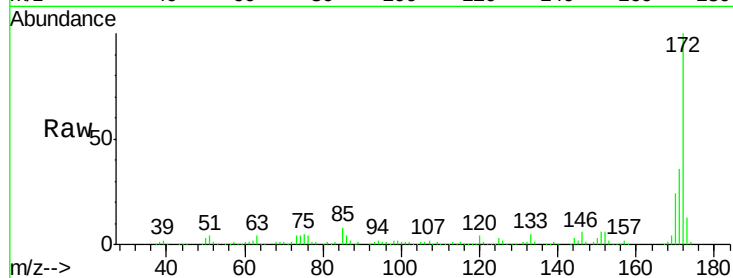




#44
2-Fluorobiphenyl
Concen: 85.15 ng
RT: 8.86 min Scan# 636
Delta R.T. -0.06 min
Lab File: BF089467.D
Acq: 31 Jul 2016 13:21

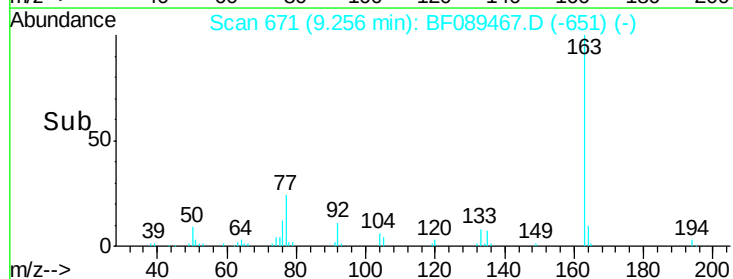
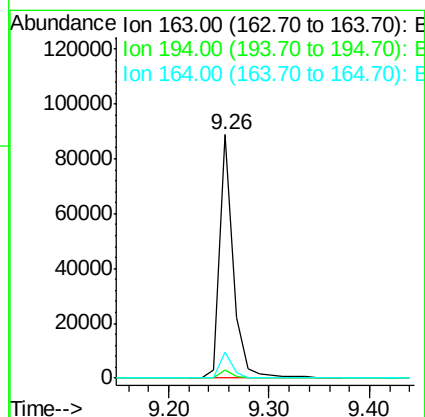
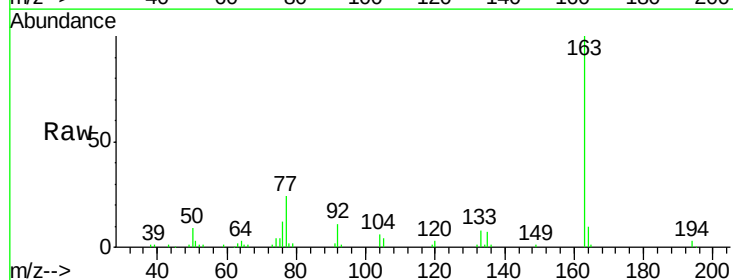
Instrument :
BNA_F
ClientSampleId :

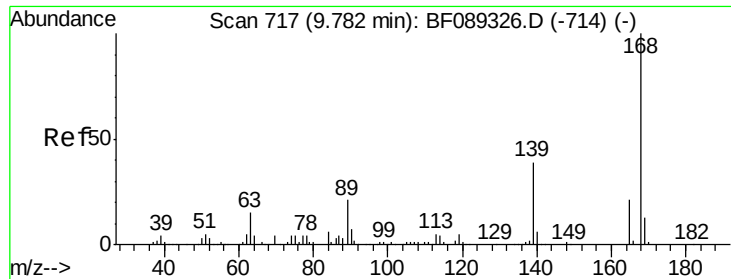
Tot Ion:172 Resp: 474031
Ion Ratio Lower Upper
172 100
171 36.4 29.2 43.8
170 24.0 19.2 28.8



#49
Dimethylphthalate
Concen: 13.43 ng
RT: 9.26 min Scan# 671
Delta R.T. -0.07 min
Lab File: BF089467.D
Acq: 31 Jul 2016 13:21

Tgt Ion:163 Resp: 83504
Ion Ratio Lower Upper
163 100
194 3.2 2.8 4.2
164 10.4 7.8 11.8

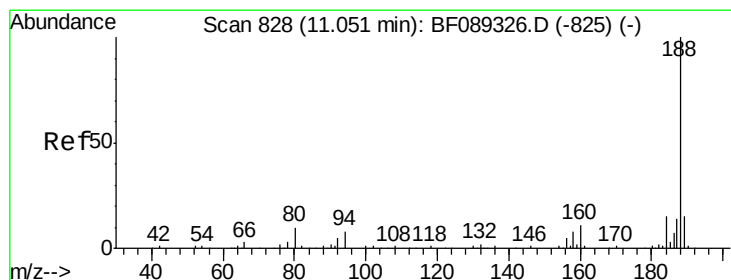
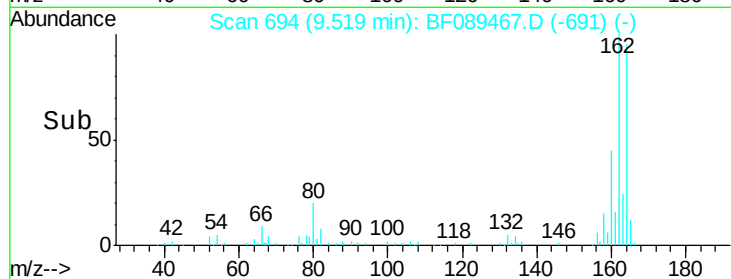
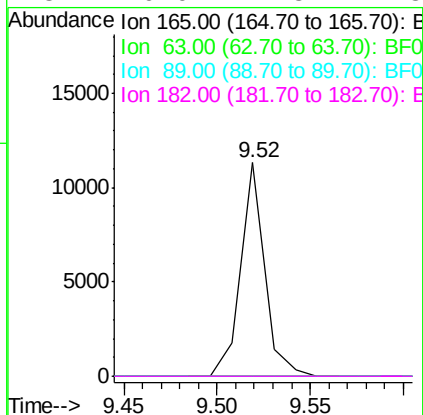
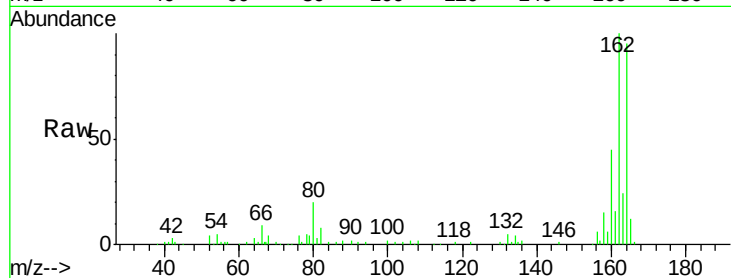




#56
 2,4-Dinitrotoluene
 Concen: 6.04 ng
 RT: 9.52 min Scan# 694
 Delta R.T. -0.26 min
 Lab File: BF089467.D
 Acq: 31 Jul 2016 13:21

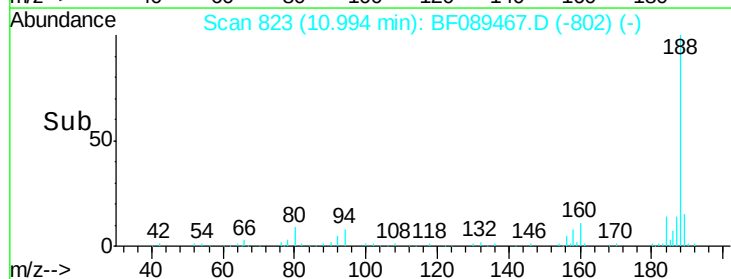
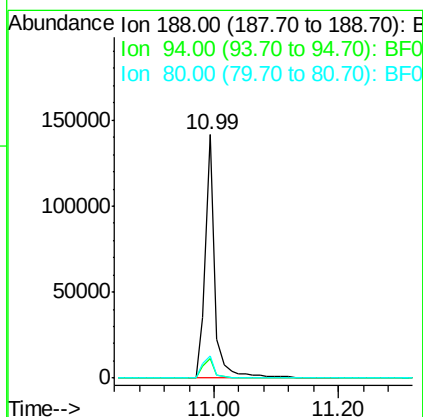
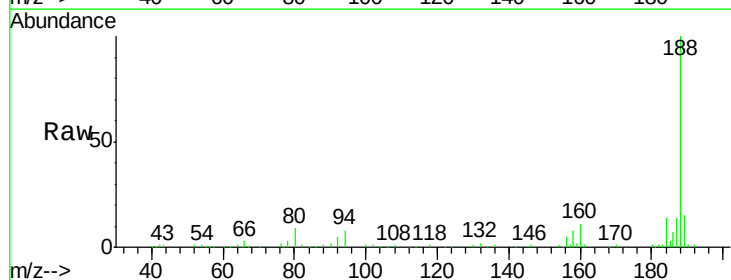
Instrument :
 BNA_F
 ClientSampleId :

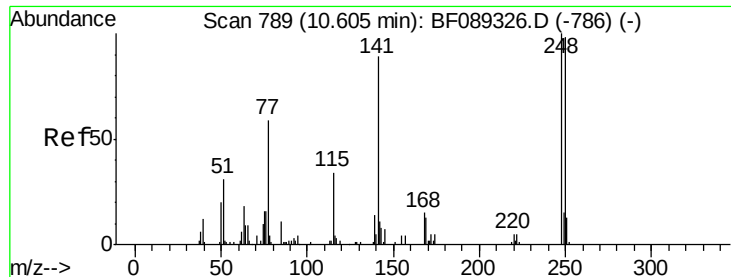
Tot Ion:165 Resp: 10165
 Ion Ratio Lower Upper
 165 100
 63 0.0 58.2 87.2#
 89 0.0 79.1 118.7#
 182 0.0 1.8 2.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.99 min Scan# 823
 Delta R.T. -0.06 min
 Lab File: BF089467.D
 Acq: 31 Jul 2016 13:21

Tgt Ion:188 Resp: 154708
 Ion Ratio Lower Upper
 188 100
 94 8.1 6.5 9.7
 80 8.9 7.2 10.8





#66

4-Bromophenyl-phenylether

Concen: 4.28 ng

RT: 10.31 min Scan# 763

Delta R.T. -0.30 min

Lab File: BF089467.D

Acq: 31 Jul 2016 13:21

Instrument :

BNA_F

ClientSampled :

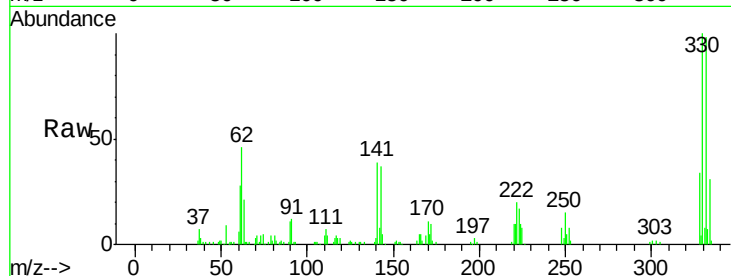
Tot Ion:248 Resp: 6321

Ion Ratio Lower Upper

248 100

250 195.2 78.2 117.2#

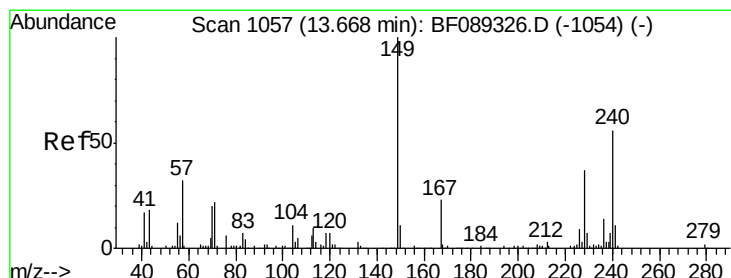
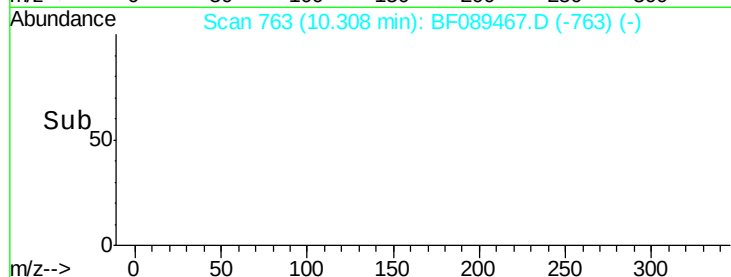
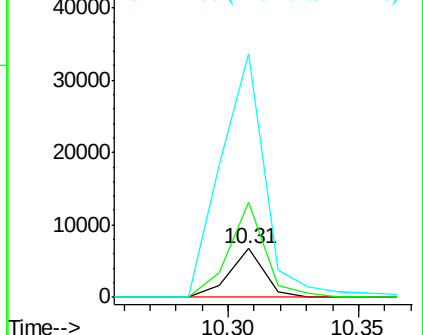
141 502.3 62.0 93.0#



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: BF089467.D

Acq: 31 Jul 2016 13:21

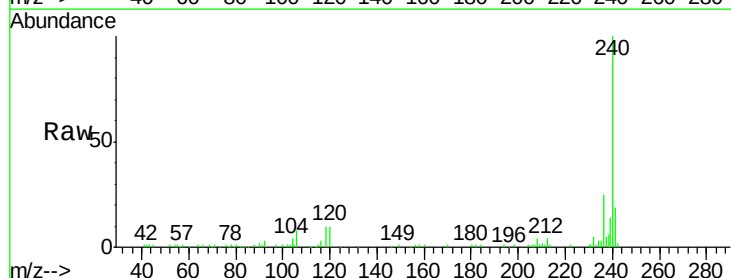
Tgt Ion:240 Resp: 99577

Ion Ratio Lower Upper

240 100

120 10.4 9.1 13.7

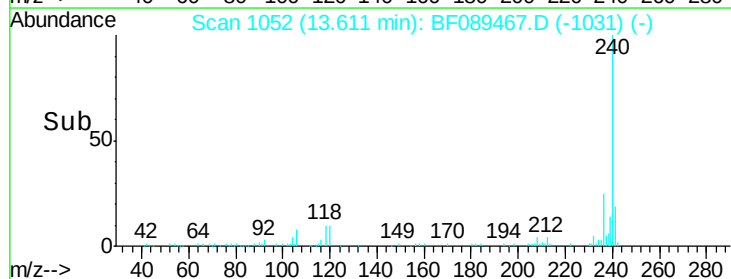
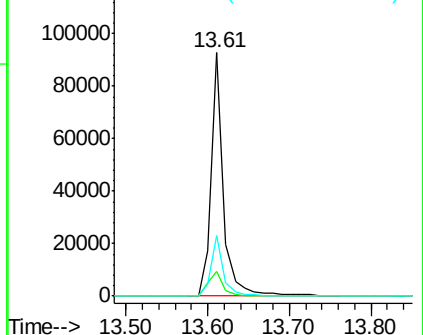
236 24.9 20.6 30.8

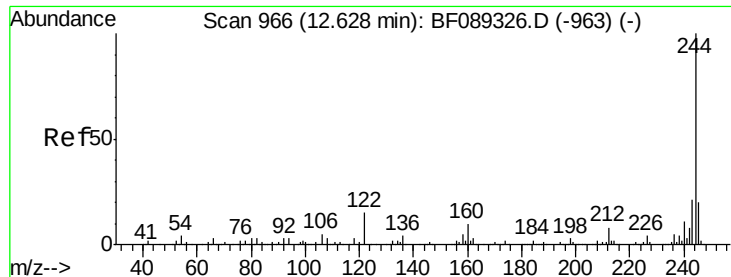


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

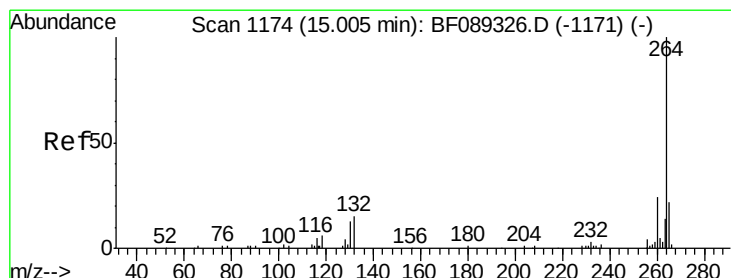
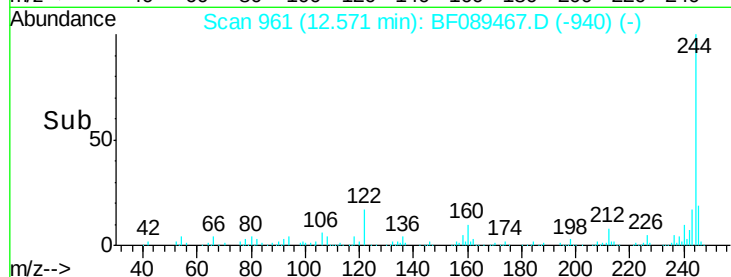
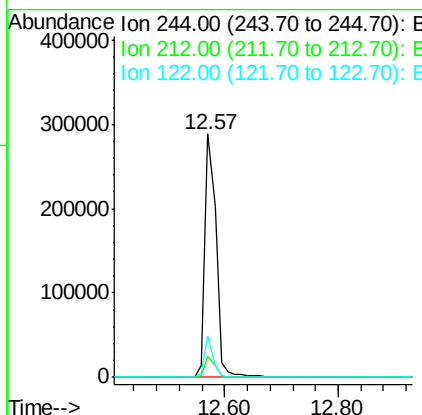
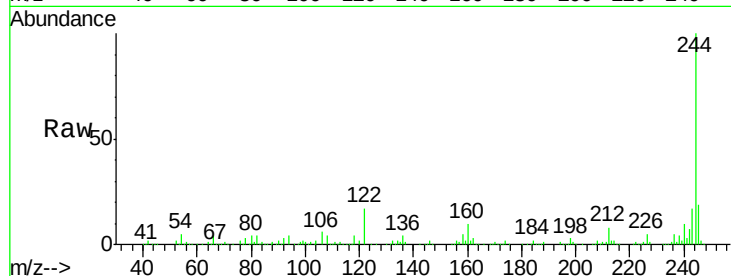




#78
 Terphenyl-d14
 Concen: 88.38 ng
 RT: 12.57 min Scan# 961
 Delta R.T. -0.06 min
 Lab File: BF089467.D
 Acq: 31 Jul 2016 13:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 376020
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.5 9.7
 122 17.0 11.4 17.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.94 min Scan# 1168
 Delta R.T. -0.07 min
 Lab File: BF089467.D
 Acq: 31 Jul 2016 13:21

Tgt Ion:264 Resp: 74103
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.4
 265 21.3 17.5 26.3

