

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080216\
 Data File : BF089555.D
 Acq On : 2 Aug 2016 19:11
 Operator : UM/SJ
 Sample : H4269-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-54-19.0-20.0

Quant Time: Aug 03 01:07:30 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

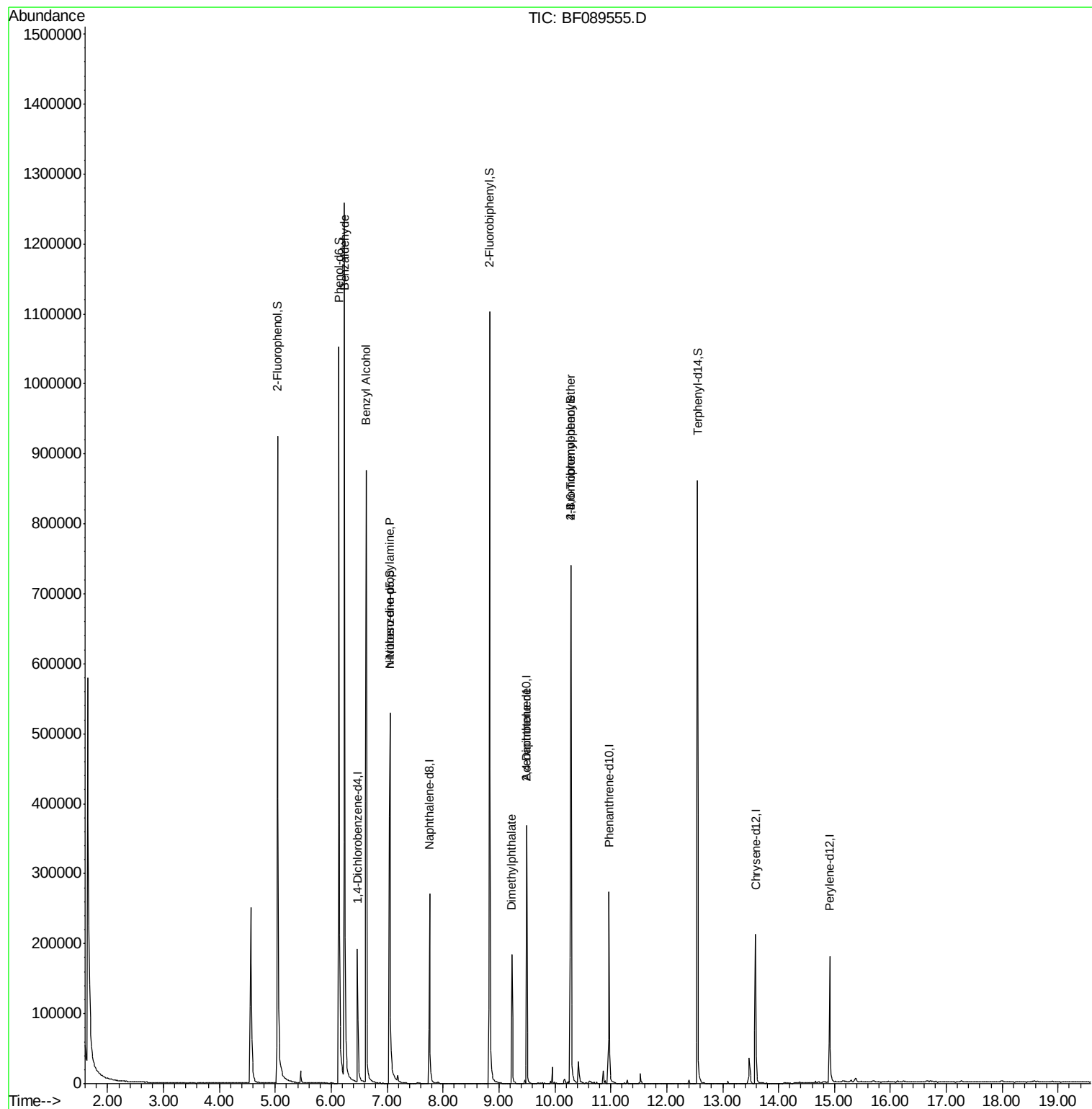
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.47	152	41902	20.00	ng	-0.08
21) Naphthalene-d8	7.76	136	159343	20.00	ng	-0.07
38) Acenaphthene-d10	9.50	164	72777	20.00	ng	-0.08
63) Phenanthrene-d10	10.97	188	122918	20.00	ng	-0.08
75) Chrysene-d12	13.59	240	92515	20.00	ng	-0.08
86) Perylene-d12	14.91	264	80275	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	344916	131.43	ng	-0.07
7) Phenol-d6	6.14	99	478446	137.96	ng	-0.07
23) Nitrobenzene-d5	7.05	82	295783	109.57	ng	-0.07
41) 2,4,6-Tribromophenol	10.28	330	78842	130.80	ng	-0.08
44) 2-Fluorobiphenyl	8.83	172	422431	85.18	ng	-0.08
78) Terphenyl-d14	12.55	244	308753	78.11	ng	-0.08
Target Compounds						
9) Benzaldehyde	6.24	77	8773	5.18	ng	Qvalue 85
15) Benzyl Alcohol	6.63	79	4683	2.18	ng	# 46
19) n-Nitroso-di-n-propylamine	7.05	70	37499	17.93	ng	# 78
49) Dimethylphthalate	9.23	163	93914	16.96	ng	# 99
56) 2,4-Dinitrotoluene	9.50	165	8895	5.94	ng	# 7
66) 4-Bromophenyl-phenylether	10.28	248	6199	5.28	ng	# 1

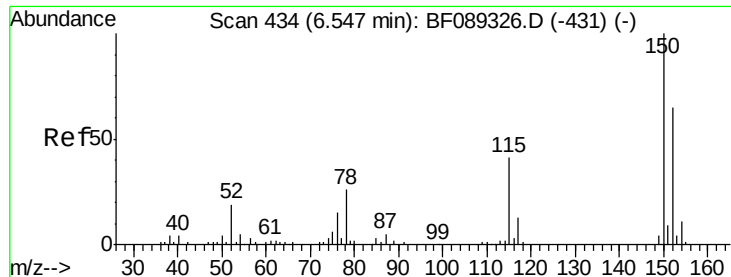
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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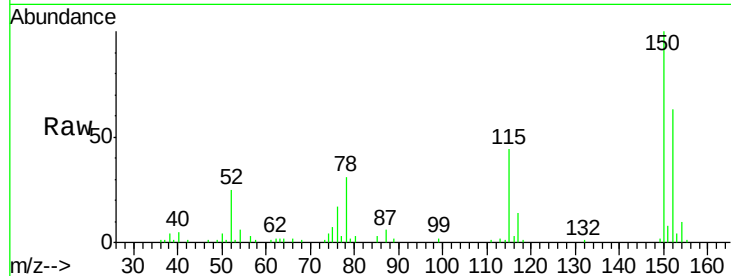


#1

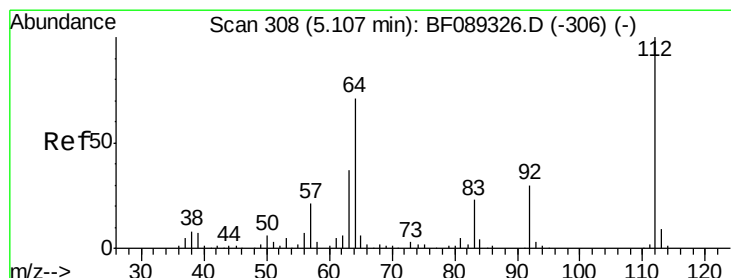
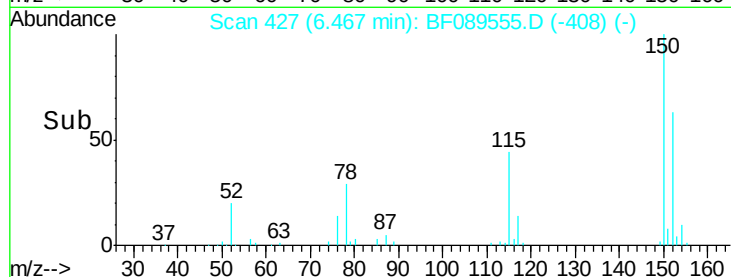
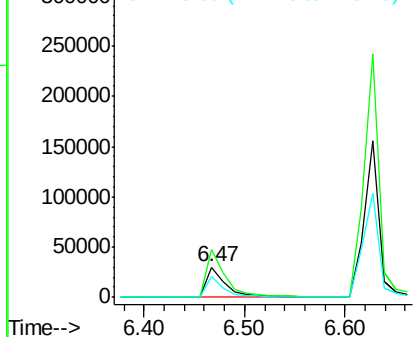
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.47 min Scan# 427
Delta R.T. -0.08 min
Lab File: BF089555.D
Acq: 2 Aug 2016 19:11

Instrument :
BNA_F
ClientSampleId :
SB-54-19.0-20.0

Tgt Ion:152 Resp: 41902
Ion Ratio Lower Upper
152 100
150 158.9 129.5 194.3
115 70.4 51.4 77.2



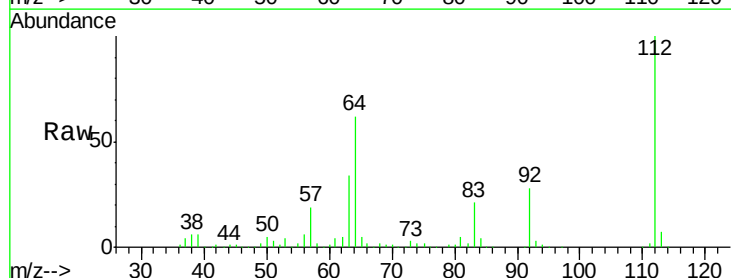
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



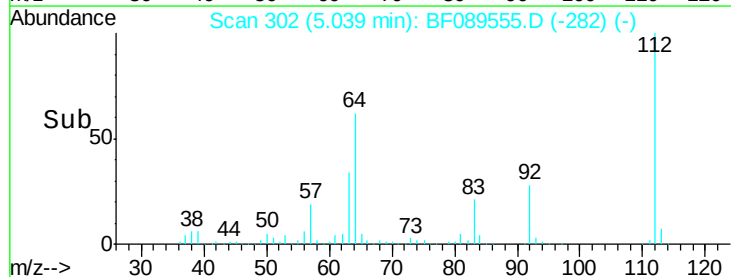
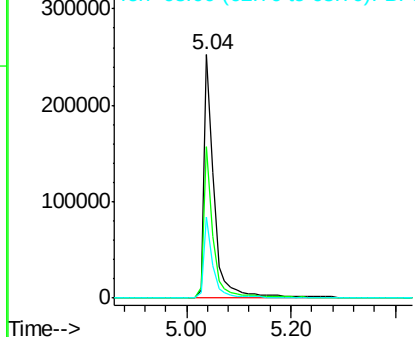
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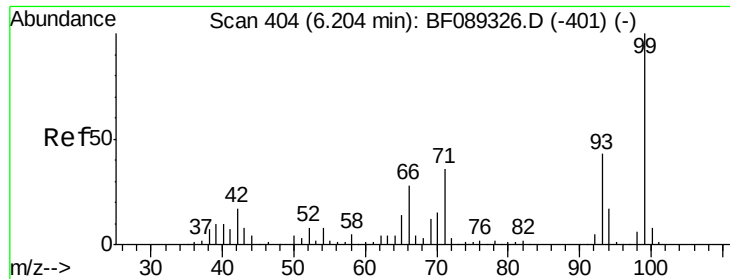
2-Fluorophenol
Concen: 131.43 ng
RT: 5.04 min Scan# 302
Delta R.T. -0.07 min
Lab File: BF089555.D
Acq: 2 Aug 2016 19:11

Tgt Ion:112 Resp: 344916
Ion Ratio Lower Upper
112 100
64 62.2 55.0 82.6
63 33.5 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: 137.96 ng

RT: 6.14 min Scan# 398

Delta R.T. -0.07 min

Lab File: BF089555.D

Acq: 2 Aug 2016 19:11

Instrument :

BNA_F

ClientSampleId :

SB-54-19.0-20.0

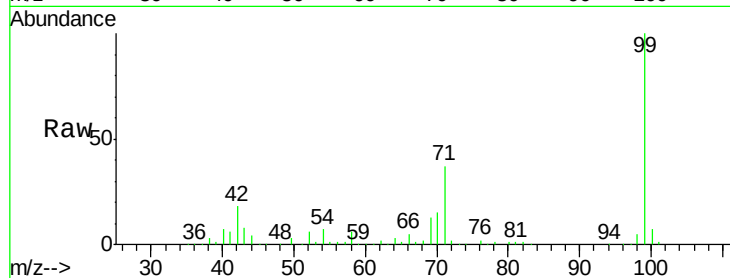
Tgt Ion: 99 Resp: 478446

Ion Ratio Lower Upper

99 100

42 17.8 13.6 20.4

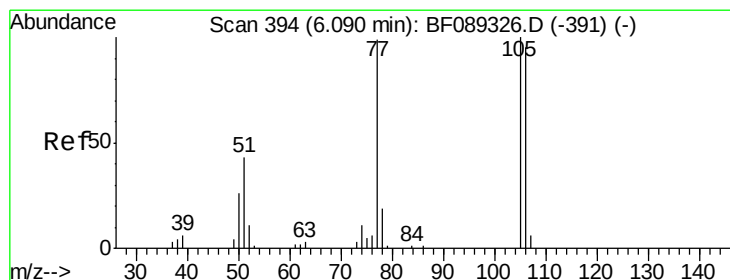
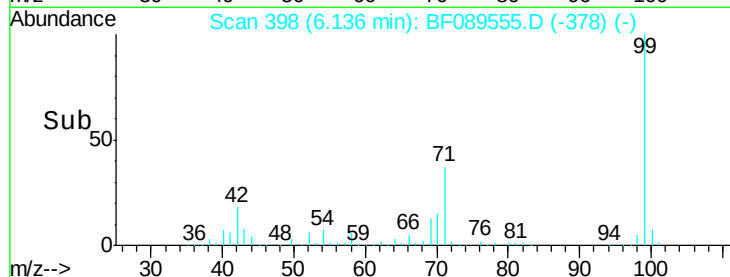
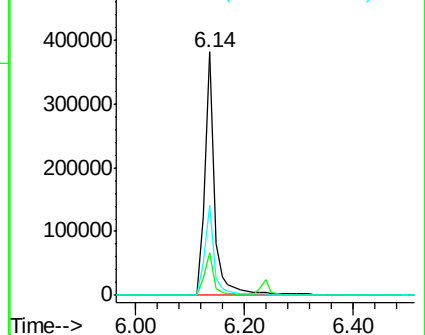
71 36.7 29.4 44.2



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: 5.18 ng

RT: 6.24 min Scan# 407

Delta R.T. 0.15 min

Lab File: BF089555.D

Acq: 2 Aug 2016 19:11

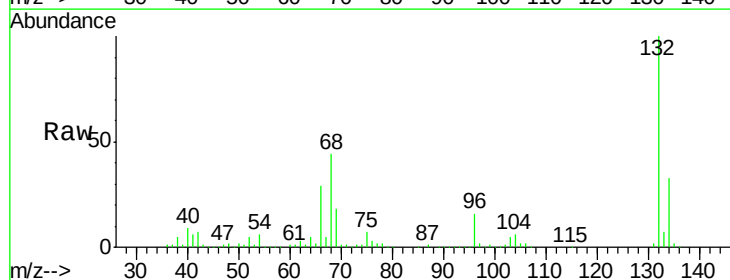
Tgt Ion: 77 Resp: 8773

Ion Ratio Lower Upper

77 100

105 87.4 82.9 122.9

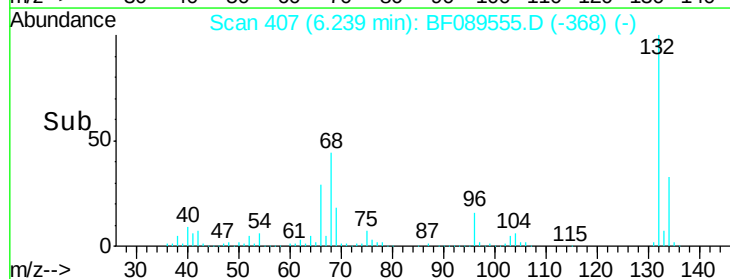
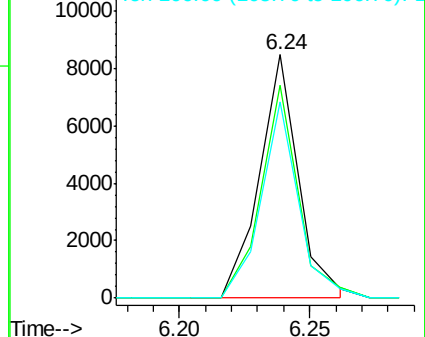
106 80.8 75.9 115.9

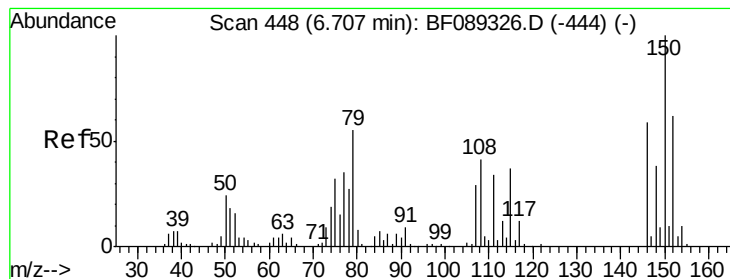


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#15

Benzyl Alcohol

Concen: 2.18 ng

RT: 6.63 min Scan# 441

Delta R.T. -0.08 min

Lab File: BF089555.D

Acq: 2 Aug 2016 19:11

Instrument :

BNA_F

ClientSampleId :

SB-54-19.0-20.0

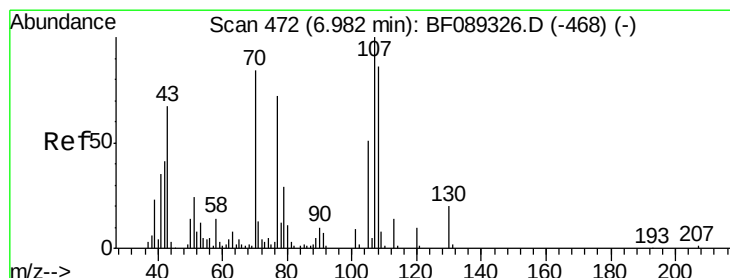
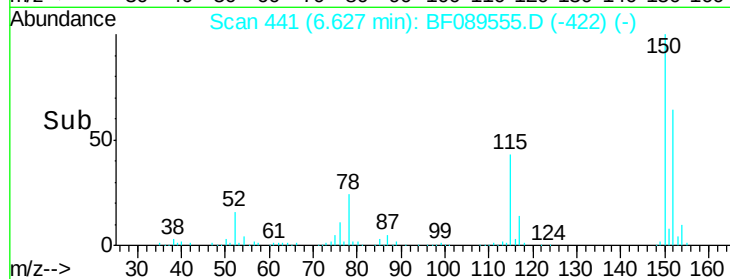
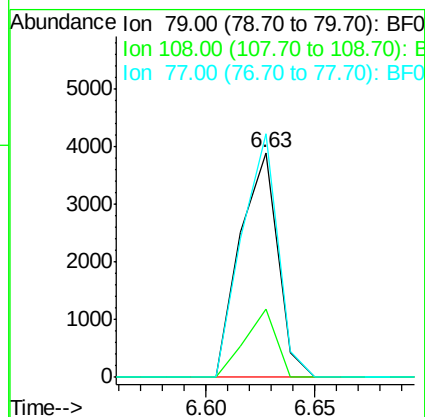
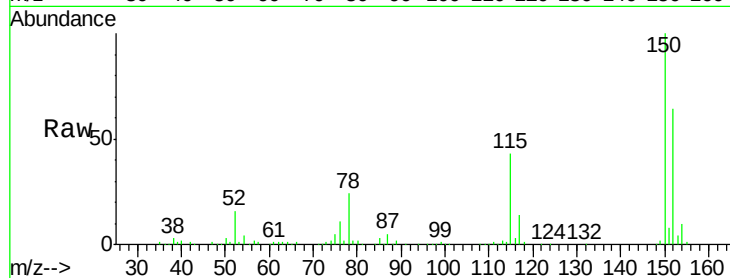
Tgt Ion: 79 Resp: 4683

Ion Ratio Lower Upper

79 100

108 30.7 59.8 89.6#

77 108.4 51.7 77.5#



#19

n-Nitroso-di-n-propylamine

Concen: 17.93 ng

RT: 7.05 min Scan# 478

Delta R.T. 0.07 min

Lab File: BF089555.D

Acq: 2 Aug 2016 19:11

Tgt Ion: 70 Resp: 37499

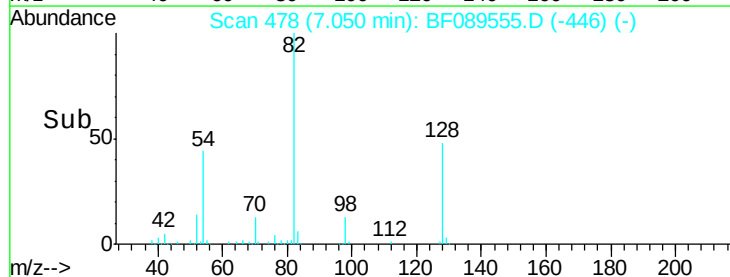
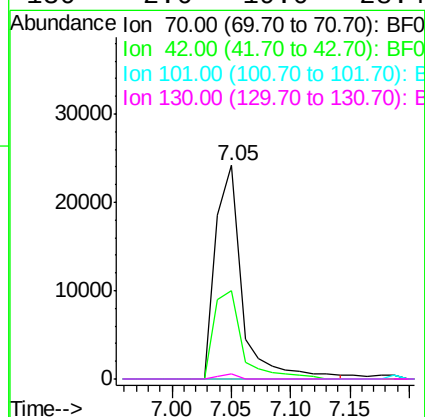
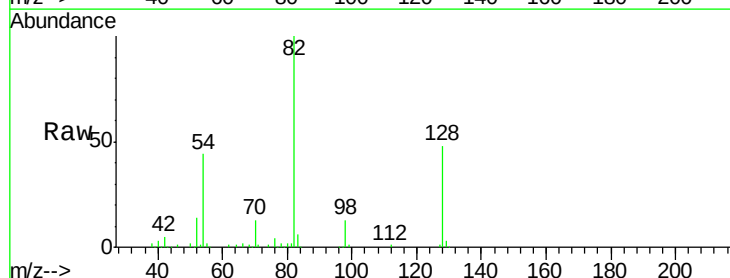
Ion Ratio Lower Upper

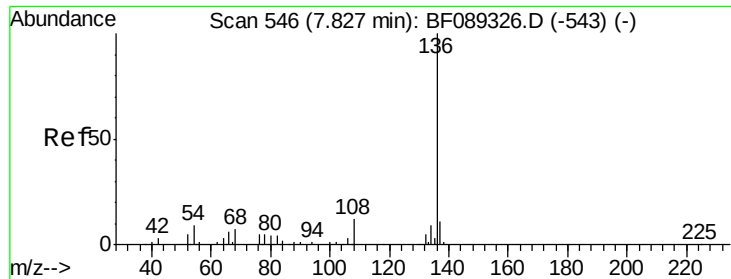
70 100

42 41.5 38.6 57.8

101 0.0 8.3 12.5#

130 2.6 19.0 28.4#

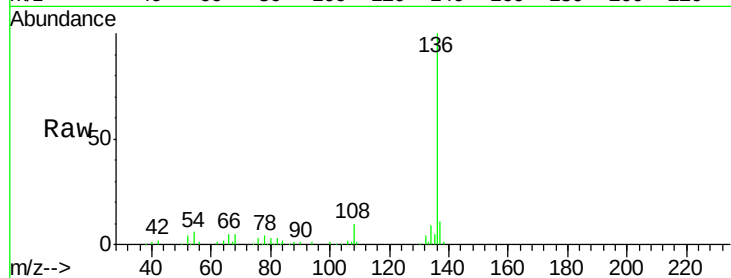




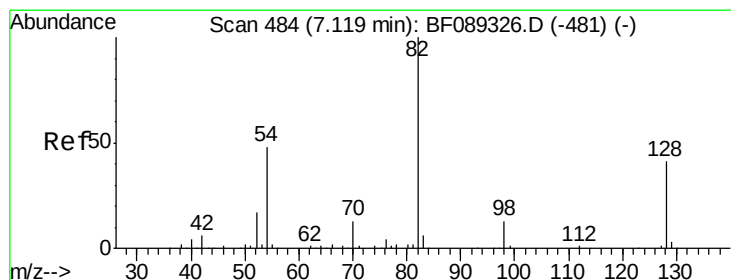
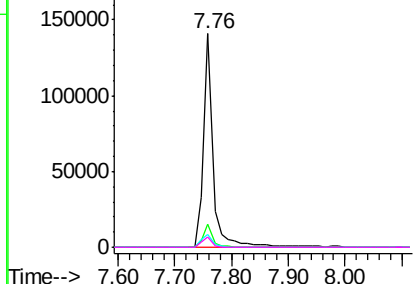
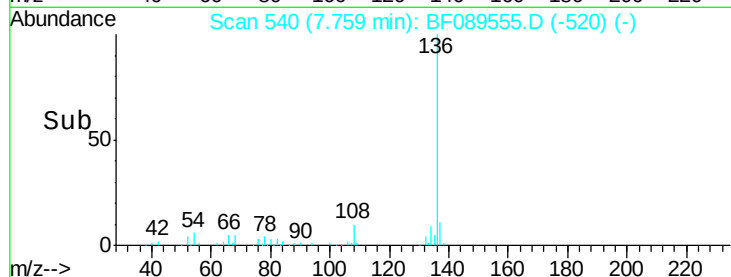
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.76 min Scan# 540
Delta R.T. -0.07 min
Lab File: BF089555.D
Acq: 2 Aug 2016 19:11

Instrument :
BNA_F
ClientSampleId :
SB-54-19.0-20.0

Tgt Ion:	136	Resp:	159343
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	6.3	7.0	10.4#
68	4.8	4.9	7.3#

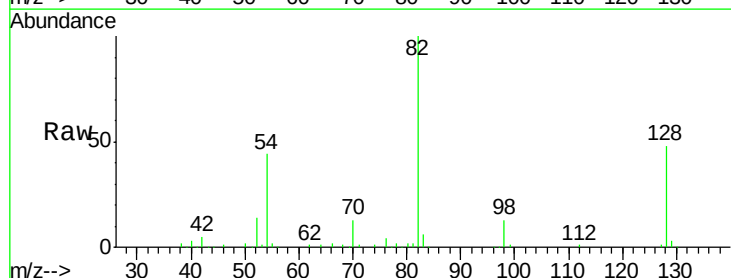


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

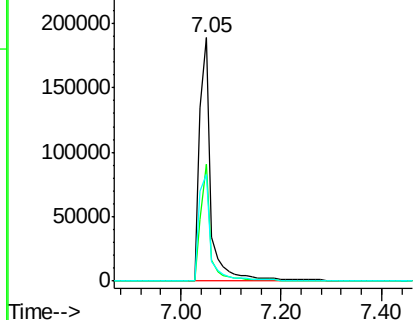
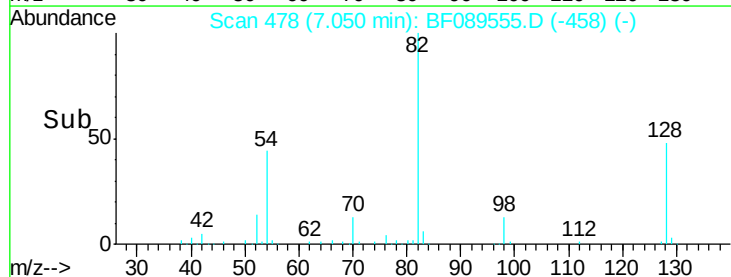


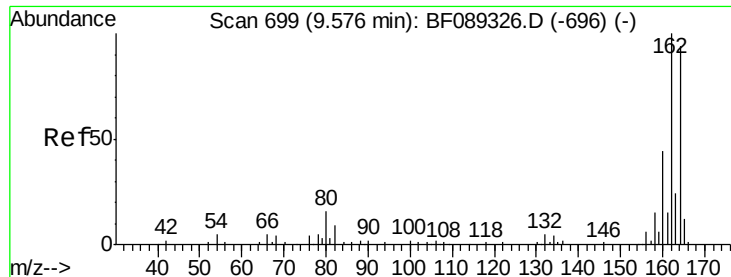
#23
Nitrobenzene-d5
Concen: 109.57 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.07 min
Lab File: BF089555.D
Acq: 2 Aug 2016 19:11

Tgt Ion:	82	Resp:	295783
Ion	Ratio	Lower	Upper
82	100		
128	47.9	32.5	48.7
54	43.8	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: 9.50 min Scan# 692

Delta R.T. -0.08 min

Lab File: BF089555.D

Acq: 2 Aug 2016 19:11

Instrument :

BNA_F

ClientSampleId :

SB-54-19.0-20.0

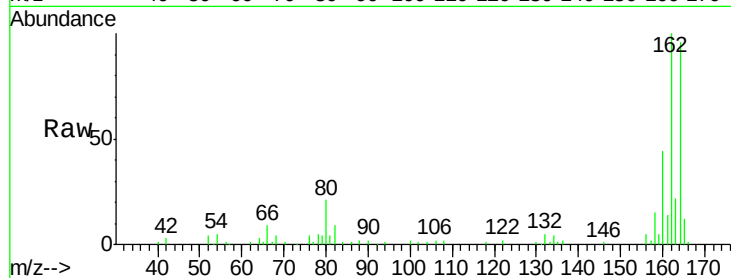
Tgt Ion:164 Resp: 72777

Ion Ratio Lower Upper

164 100

162 104.4 83.7 125.5

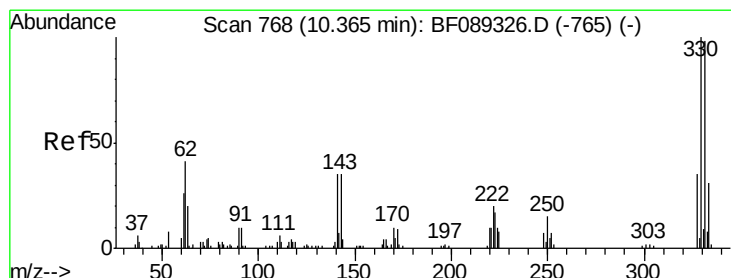
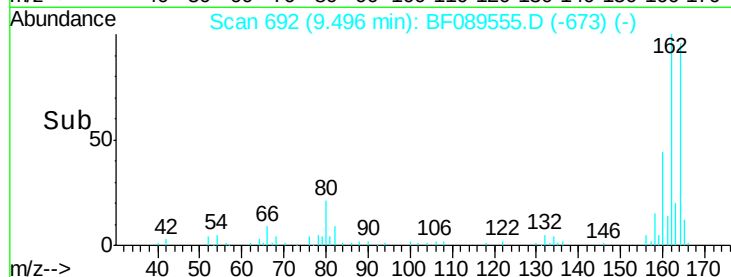
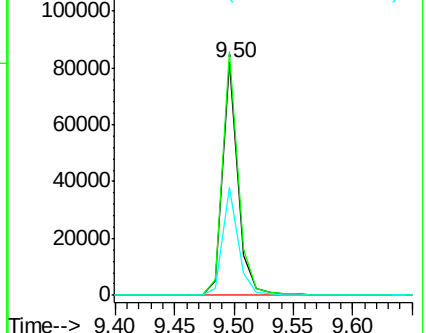
160 46.2 37.8 56.6



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: 130.80 ng

RT: 10.28 min Scan# 761

Delta R.T. -0.08 min

Lab File: BF089555.D

Acq: 2 Aug 2016 19:11

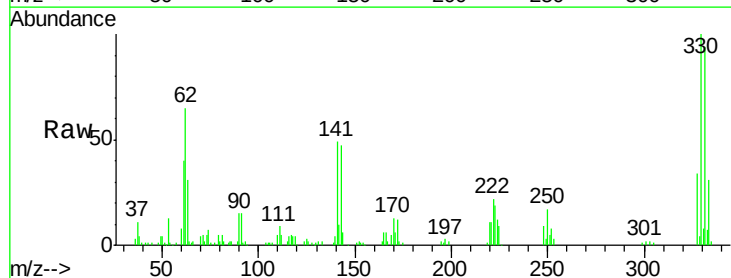
Tgt Ion:330 Resp: 78842

Ion Ratio Lower Upper

330 100

332 94.8 76.8 115.2

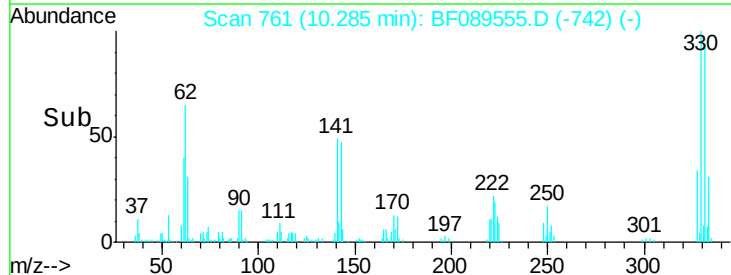
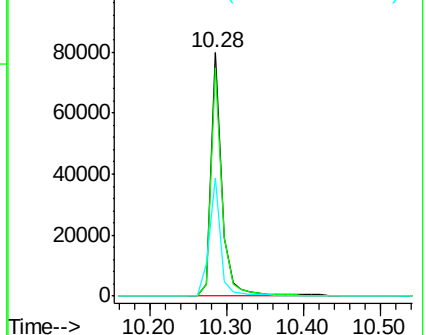
141 50.3 37.3 55.9

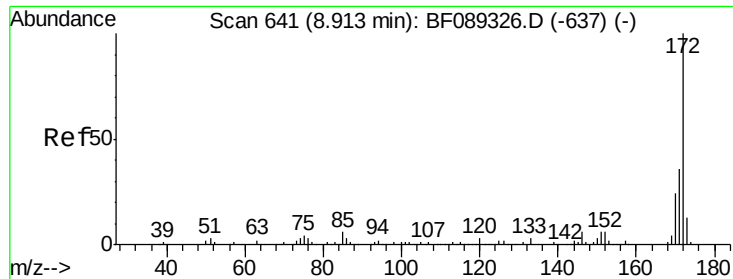


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

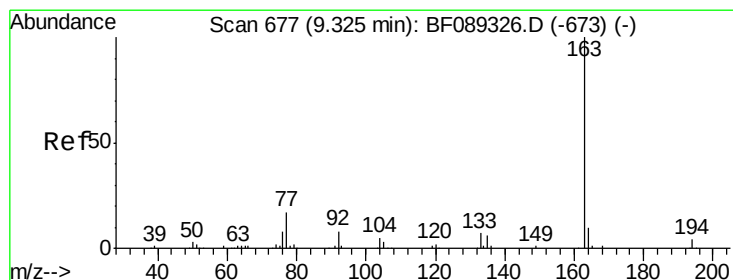
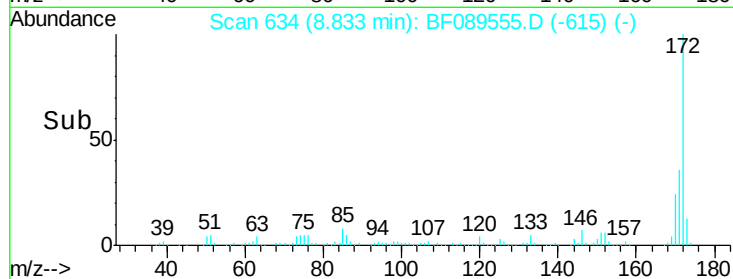
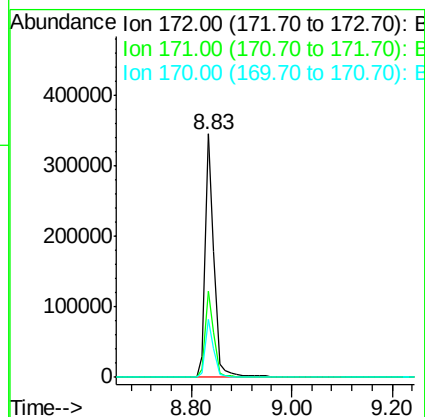
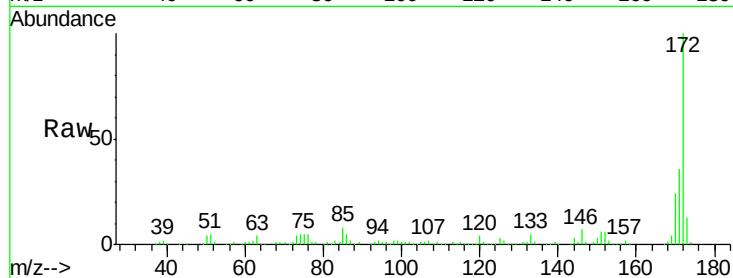




#44
 2-Fluorobiphenyl
 Concen: 85.18 ng
 RT: 8.83 min Scan# 634
 Delta R.T. -0.08 min
 Lab File: BF089555.D
 Acq: 2 Aug 2016 19:11

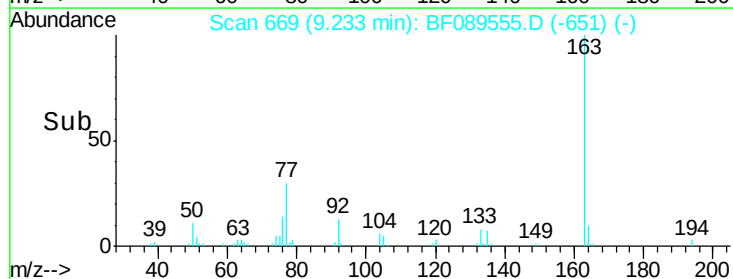
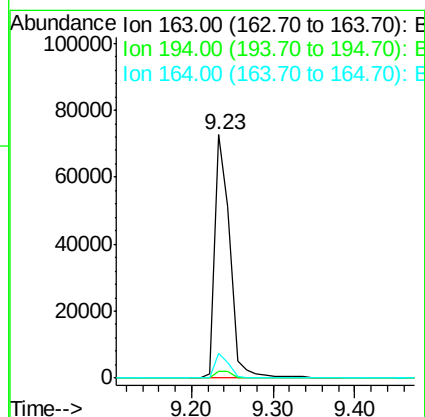
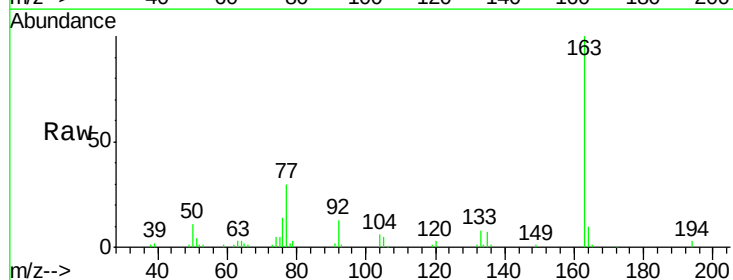
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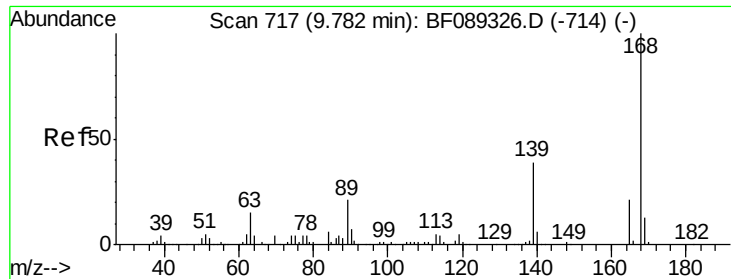
Tgt Ion:172 Resp: 422431
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.2 43.8
 170 23.6 19.2 28.8



#49
 Dimethylphthalate
 Concen: 16.96 ng
 RT: 9.23 min Scan# 669
 Delta R.T. -0.09 min
 Lab File: BF089555.D
 Acq: 2 Aug 2016 19:11

Tgt Ion:163 Resp: 93914
 Ion Ratio Lower Upper
 163 100
 194 2.7 2.8 4.2#
 164 10.0 7.8 11.8

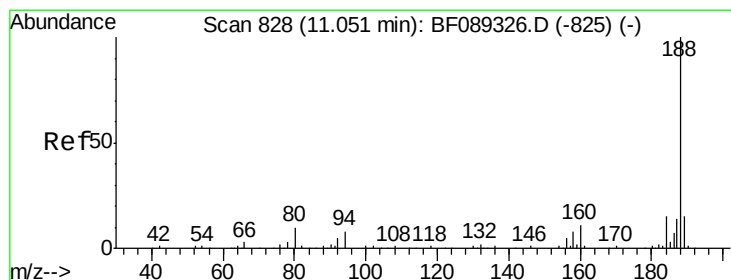
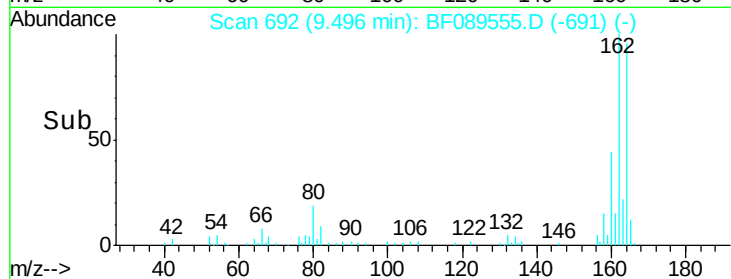
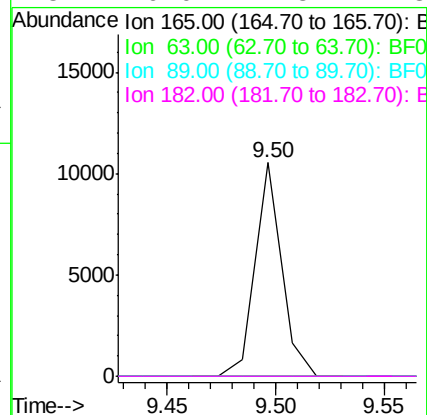
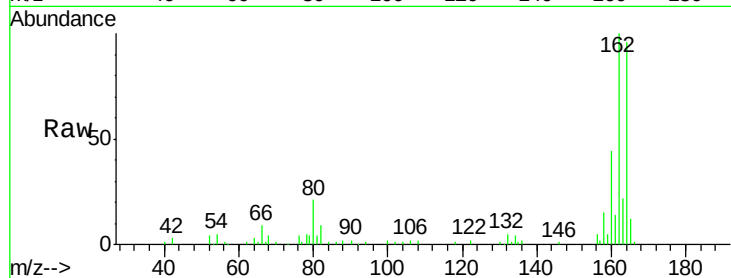




#56
 2,4-Dinitrotoluene
 Concen: 5.94 ng
 RT: 9.50 min Scan# 692
 Delta R.T. -0.29 min
 Lab File: BF089555.D
 Acq: 2 Aug 2016 19:11

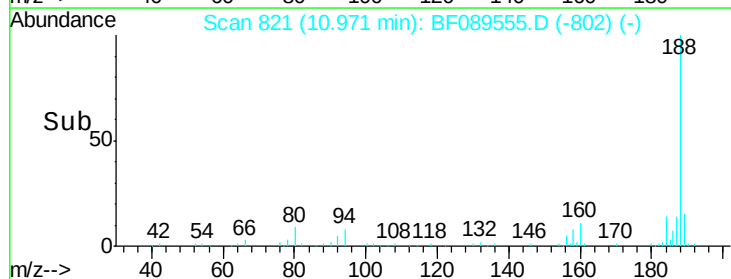
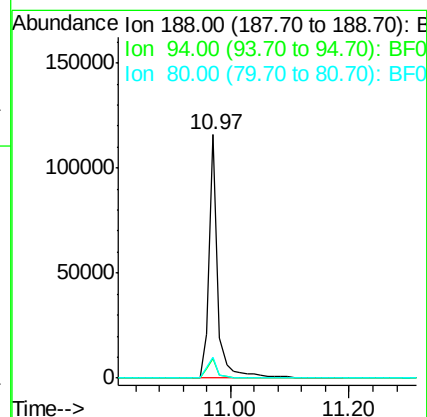
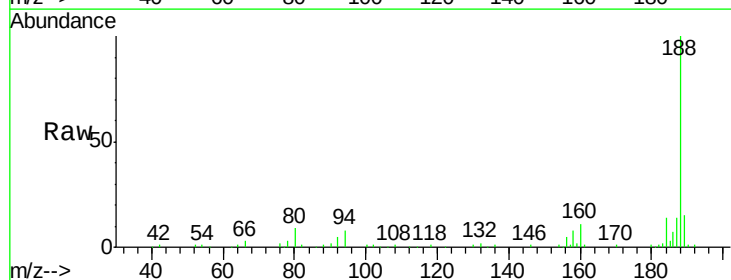
Instrument :
 BNA_F
 ClientSampleId :
 SB-54-19.0-20.0

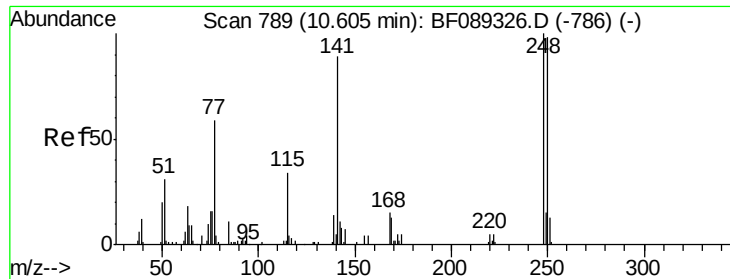
Tgt Ion:	165	Resp:	8895
Ion Ratio	Lower	Upper	
165	100		
63	0.0	58.2	87.2#
89	0.0	79.1	118.7#
182	0.0	1.8	2.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.97 min Scan# 821
 Delta R.T. -0.08 min
 Lab File: BF089555.D
 Acq: 2 Aug 2016 19:11

Tgt Ion:	188	Resp:	122918
Ion Ratio	Lower	Upper	
188	100		
94	8.0	6.5	9.7
80	8.7	7.2	10.8

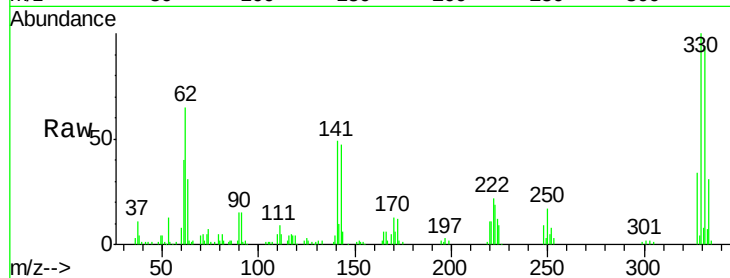




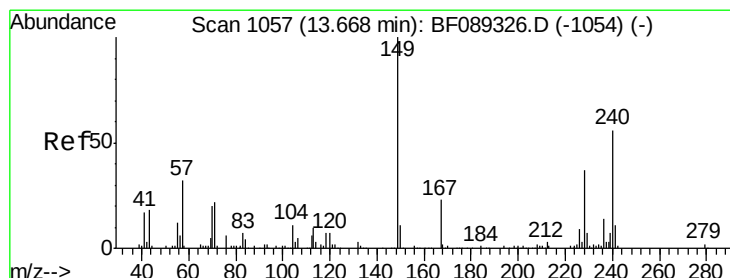
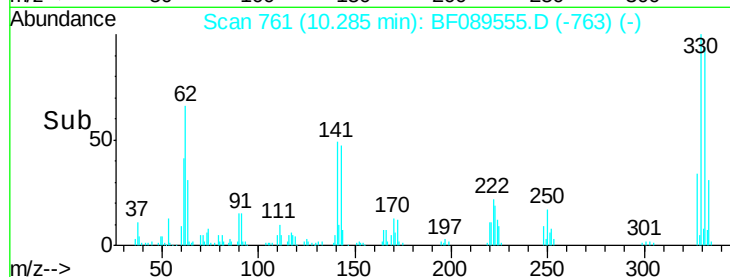
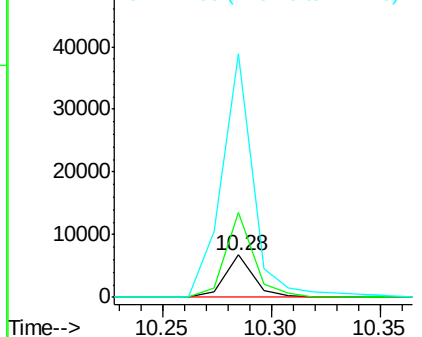
#66
 4-Bromophenyl-phenylether
 Concen: 5.28 ng
 RT: 10.28 min Scan# 761
 Delta R.T. -0.32 min
 Lab File: BF089555.D
 Acq: 2 Aug 2016 19:11

Instrument :
 BNA_F
 ClientSampleId :
 SB-54-19.0-20.0

Tgt Ion:248 Resp: 6199
 Ion Ratio Lower Upper
 248 100
 250 199.4 78.2 117.2#
 141 572.5 62.0 93.0#

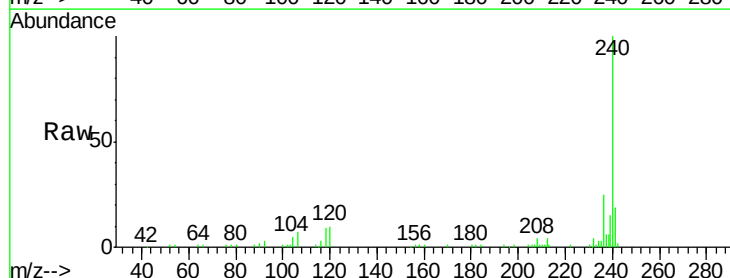


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

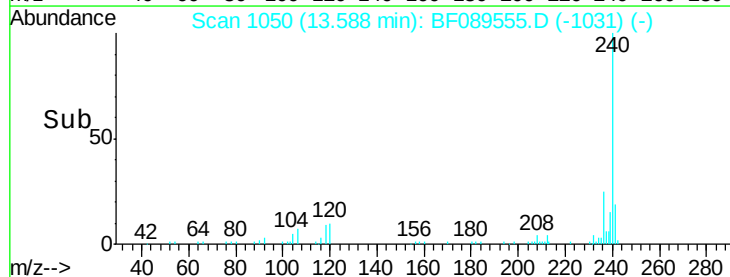
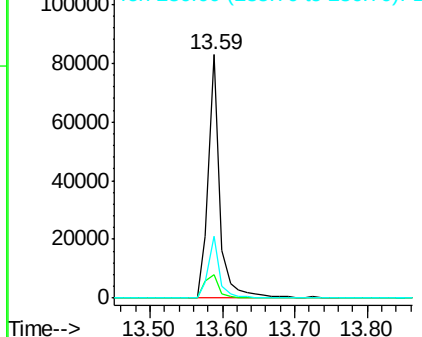


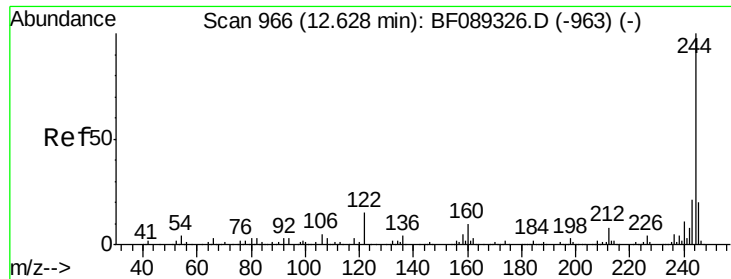
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.59 min Scan# 1050
 Delta R.T. -0.08 min
 Lab File: BF089555.D
 Acq: 2 Aug 2016 19:11

Tgt Ion:240 Resp: 92515
 Ion Ratio Lower Upper
 240 100
 120 9.8 9.1 13.7
 236 25.2 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

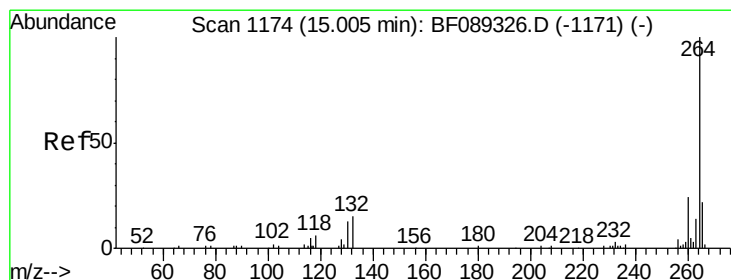
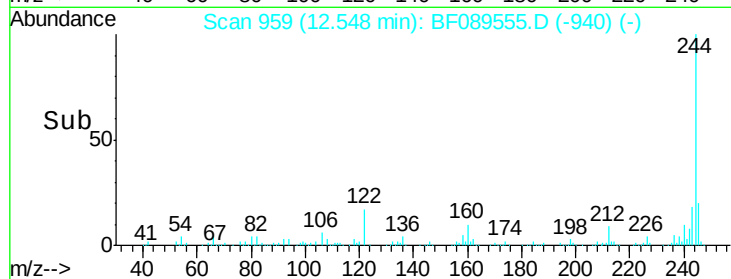
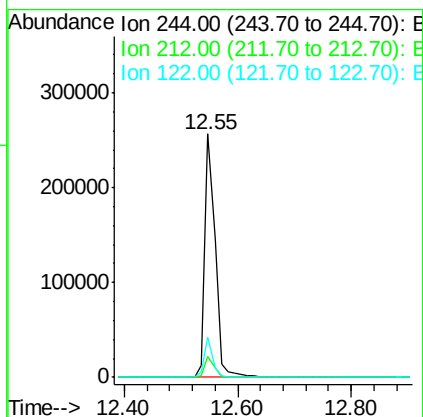
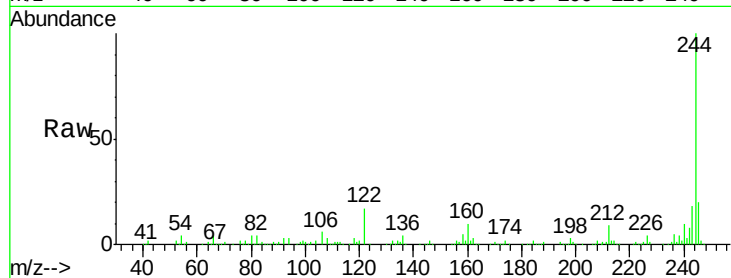




#78
 Terphenyl-d14
 Concen: 78.11 ng
 RT: 12.55 min Scan# 959
 Delta R.T. -0.08 min
 Lab File: BF089555.D
 Acq: 2 Aug 2016 19:11

Instrument :
 BNA_F
 ClientSampleId :
 SB-54-19.0-20.0

Tgt Ion:244 Resp: 308753
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.5 9.7
 122 16.5 11.4 17.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.91 min Scan# 1166
 Delta R.T. -0.09 min
 Lab File: BF089555.D
 Acq: 2 Aug 2016 19:11

Tgt Ion:264 Resp: 80275
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.0 28.4
 265 21.1 17.5 26.3

