

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072816\
 Data File : BF089342.D
 Acq On : 28 Jul 2016 3:05
 Operator : UM/SJ
 Sample : H4176-15
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-01

Quant Time: Jul 28 06:57:18 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 17:12:17 2016
 Response via : Initial Calibration

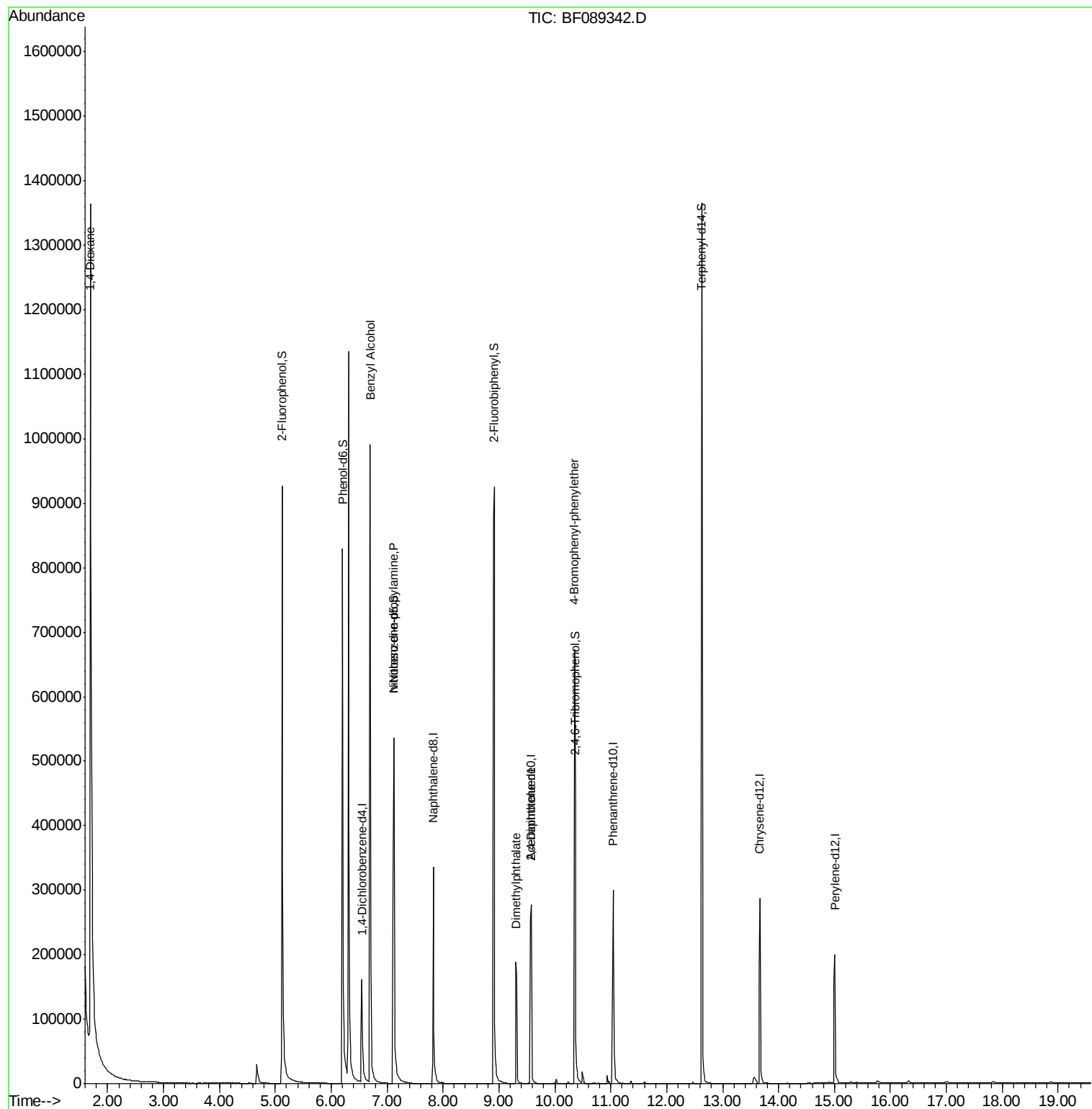
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	42453	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	194954	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	88425	20.00	ng	0.00
63) Phenanthrene-d10	11.04	188	177941	20.00	ng	-0.01
75) Chrysene-d12	13.67	240	142634	20.00	ng	0.00
86) Perylene-d12	15.01	264	113170	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	336852	126.70	ng	0.01
7) Phenol-d6	6.20	99	491042	139.75	ng	0.00
23) Nitrobenzene-d5	7.12	82	300687	91.04	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	99702	136.14	ng	0.00
44) 2-Fluorobiphenyl	8.91	172	512709	85.09	ng	0.00
78) Terphenyl-d14	12.63	244	446468	73.26	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.69	88	68822	58.78	ng	# 26
15) Benzyl Alcohol	6.70	79	4588	2.10	ng	# 51
19) n-Nitroso-di-n-propylamine	7.12	70	37828	17.85	ng	# 78
49) Dimethylphthalate	9.31	163	127318	18.92	ng	100
56) 2,4-Dinitrotoluene	9.58	165	10377	5.70	ng	# 7
66) 4-Bromophenyl-phenylether	10.35	248	6789	4.00	ng	# 1

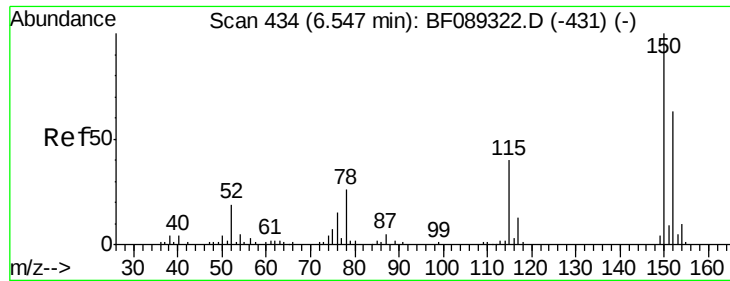
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.55 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF089342.D

Acq: 28 Jul 2016 3:05

Instrument :

BNA_F

ClientSampleId :

DUP-01

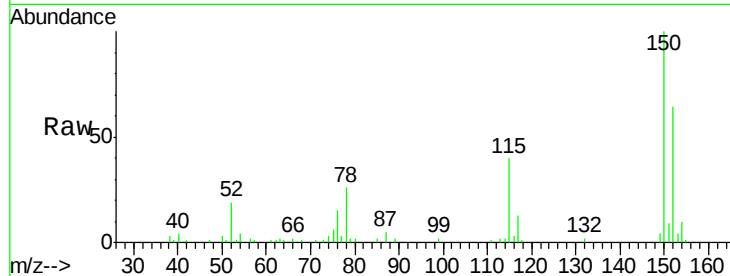
Tgt Ion:152 Resp: 42453

Ion Ratio Lower Upper

152 100

150 156.1 129.5 194.3

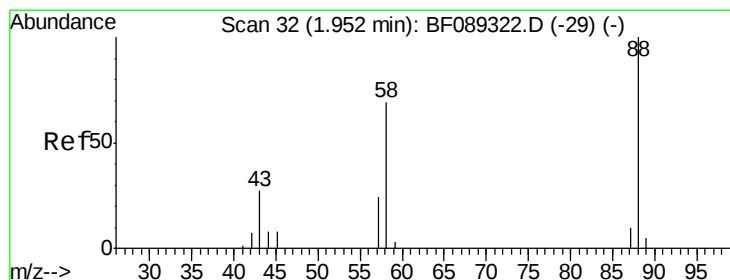
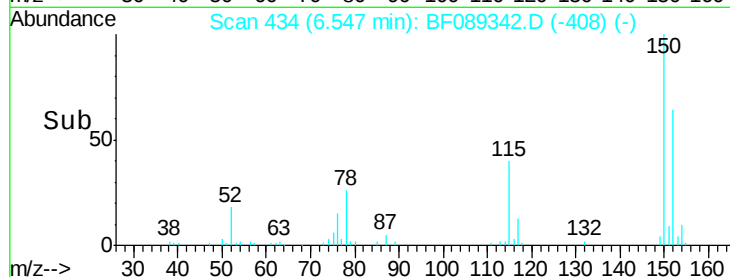
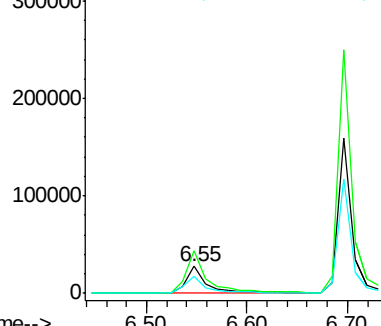
115 62.7 51.4 77.2



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: 58.78 ng

RT: 1.69 min Scan# 9

Delta R.T. -0.26 min

Lab File: BF089342.D

Acq: 28 Jul 2016 3:05

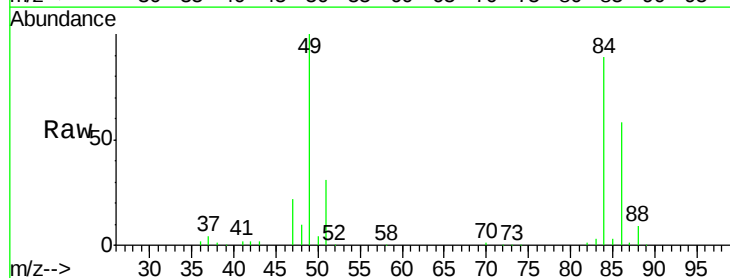
Tgt Ion: 88 Resp: 68822

Ion Ratio Lower Upper

88 100

58 0.0 53.2 79.8#

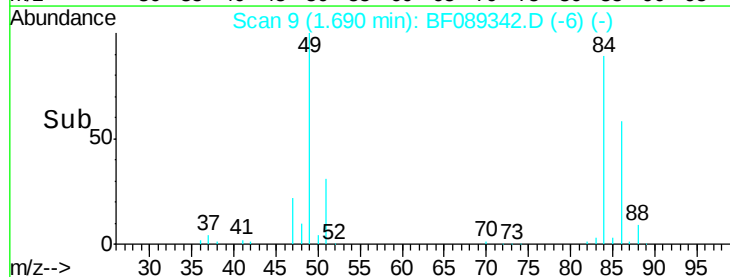
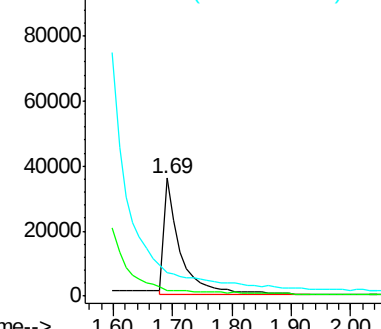
43 0.0 20.6 31.0#

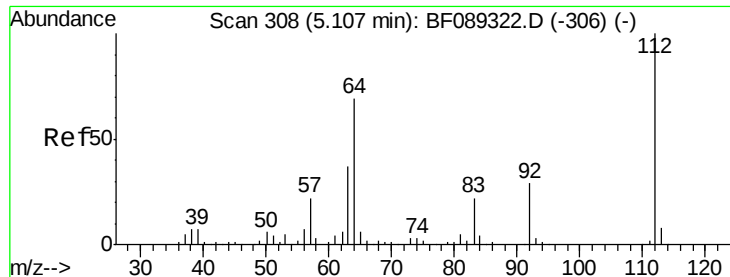


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 126.70 ng

RT: 5.12 min Scan# 309

Delta R.T. 0.01 min

Lab File: BF089342.D

Acq: 28 Jul 2016 3:05

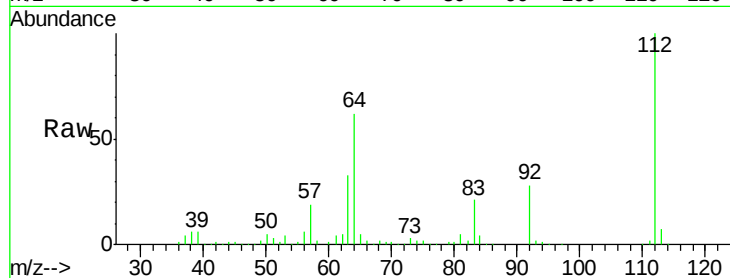
Instrument :

BNA_F

ClientSampleId :

DUP-01

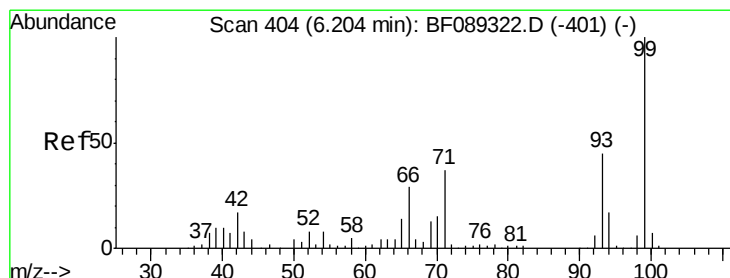
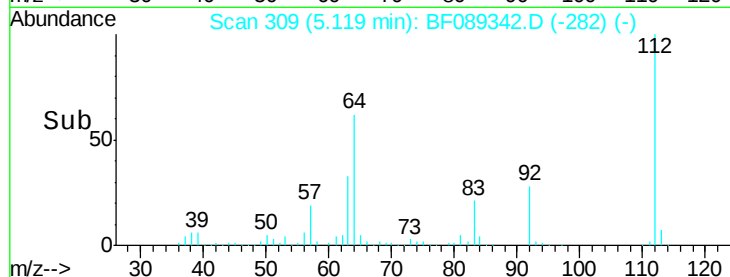
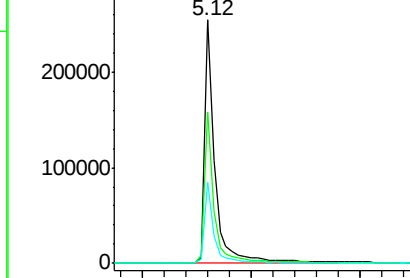
Tgt Ion:	112	Resp:	336852
Ion Ratio	Lower	Upper	
112	100		
64	62.1	55.0	82.6
63	33.2	29.4	44.2



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: 139.75 ng

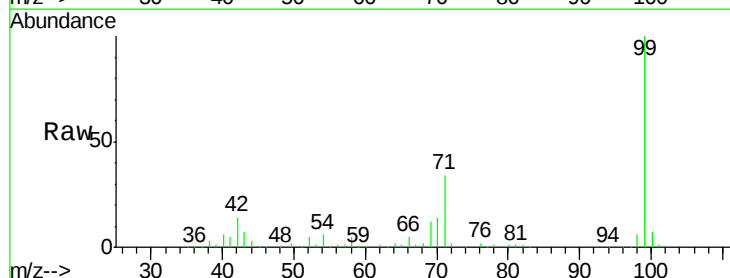
RT: 6.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF089342.D

Acq: 28 Jul 2016 3:05

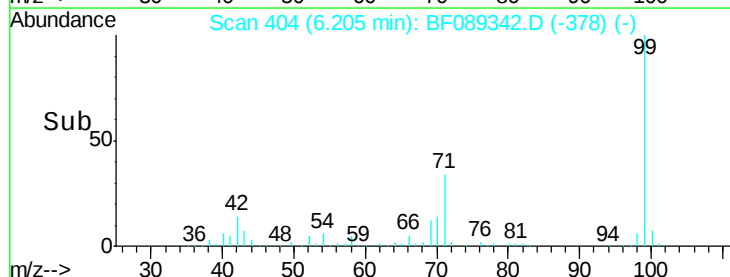
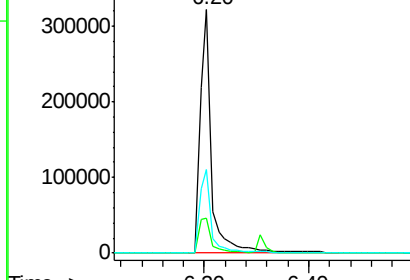
Tgt Ion:	99	Resp:	491042
Ion Ratio	Lower	Upper	
99	100		
42	14.4	13.6	20.4
71	34.2	29.4	44.2

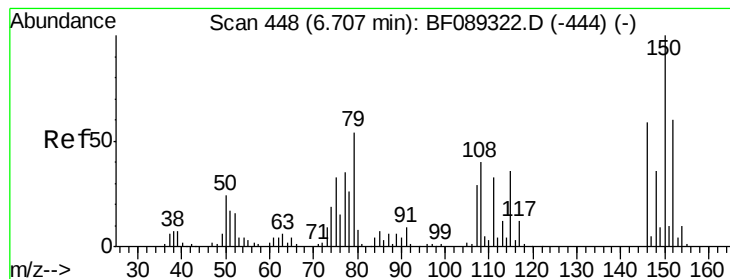


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#15

Benzyl Alcohol

Concen: 2.10 ng

RT: 6.70 min Scan# 447

Delta R.T. -0.01 min

Lab File: BF089342.D

Acq: 28 Jul 2016 3:05

Instrument :

BNA_F

ClientSampleId :

DUP-01

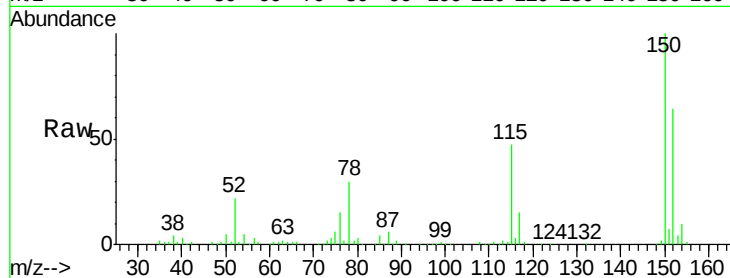
Tgt Ion: 79 Resp: 4588

Ion Ratio Lower Upper

79 100

108 30.1 59.8 89.6#

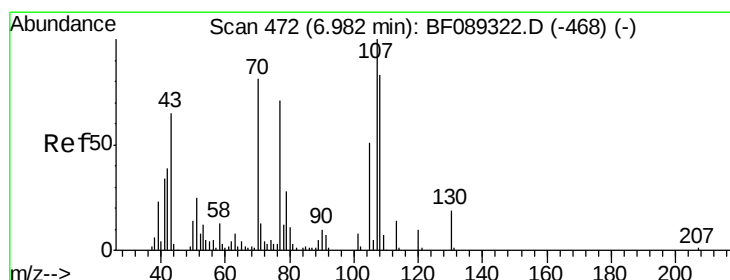
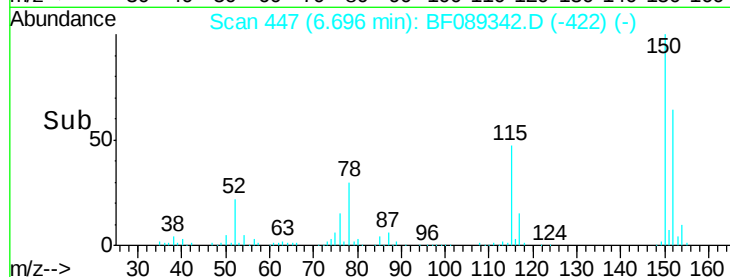
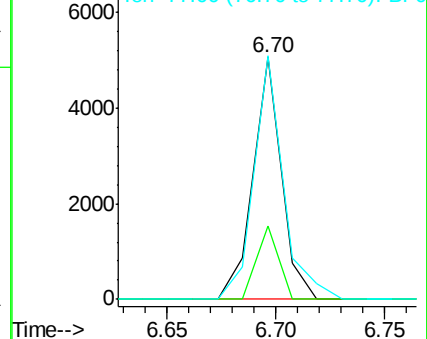
77 100.6 51.7 77.5#



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: 17.85 ng

RT: 7.12 min Scan# 484

Delta R.T. 0.14 min

Lab File: BF089342.D

Acq: 28 Jul 2016 3:05

Tgt Ion: 70 Resp: 37828

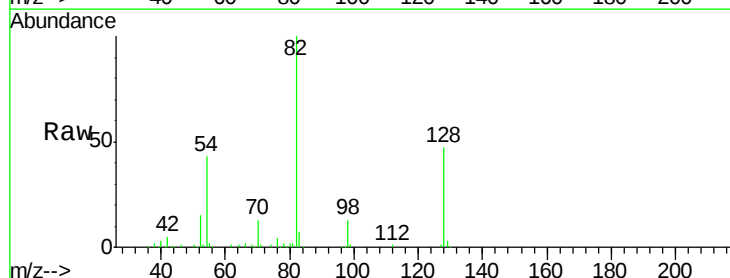
Ion Ratio Lower Upper

70 100

42 41.0 38.6 57.8

101 0.0 8.3 12.5#

130 2.5 19.0 28.4#

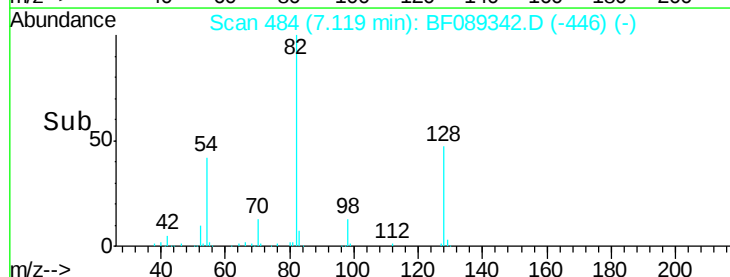
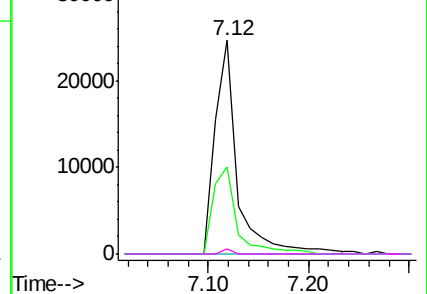


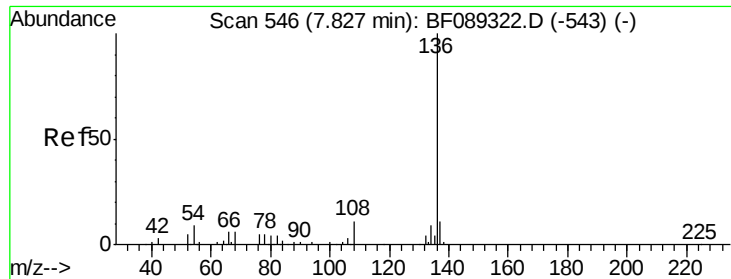
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

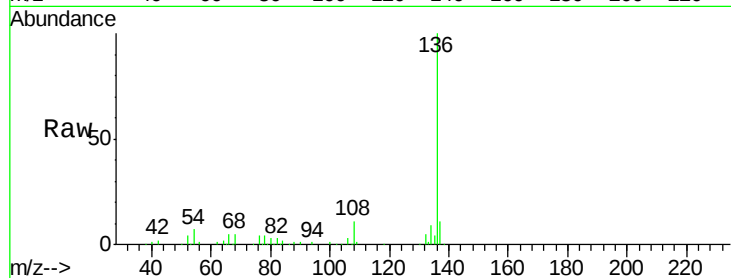




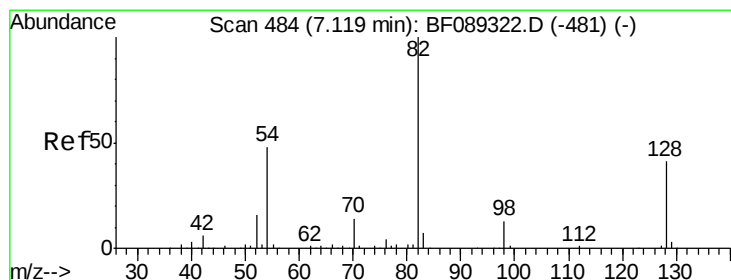
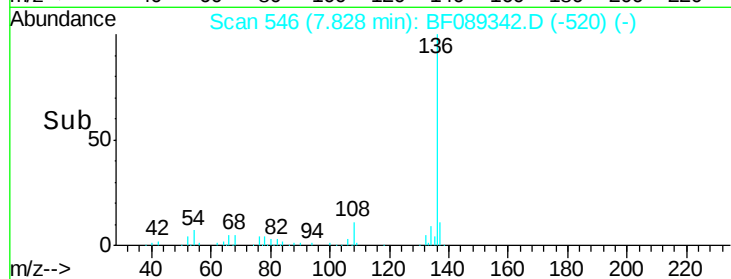
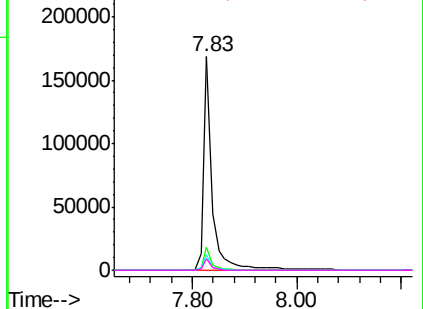
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.83 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF089342.D
Acq: 28 Jul 2016 3:05

Instrument :
BNA_F
ClientSampleId :
DUP-01

Tgt Ion:	136	Resp:	194954
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	7.1	7.0	10.4
68	5.4	4.9	7.3

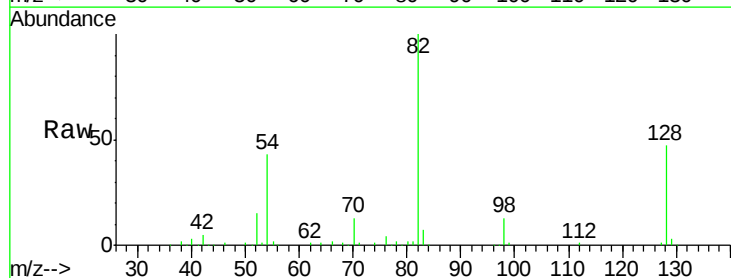


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

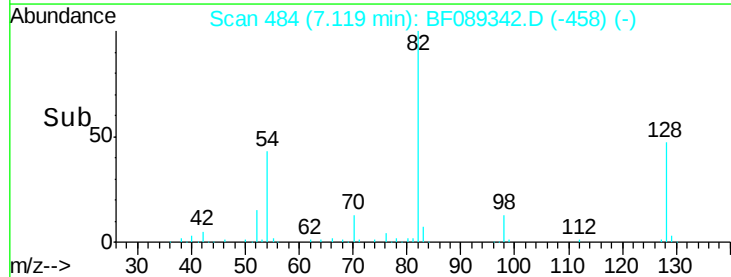
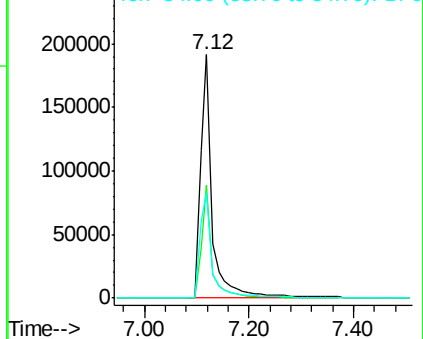


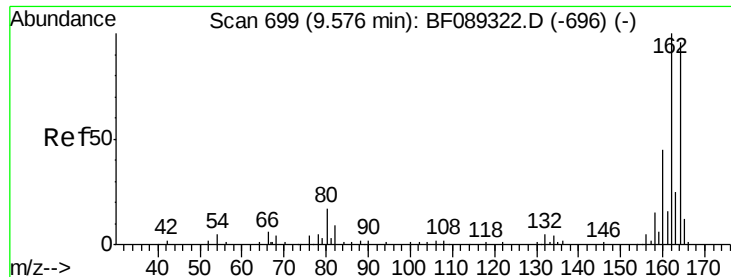
#23
Nitrobenzene-d5
Concen: 91.04 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.00 min
Lab File: BF089342.D
Acq: 28 Jul 2016 3:05

Tgt Ion:	82	Resp:	300687
Ion	Ratio	Lower	Upper
82	100		
128	46.6	32.5	48.7
54	43.3	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: 9.58 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF089342.D

Acq: 28 Jul 2016 3:05

Instrument :

BNA_F

ClientSampleId :

DUP-01

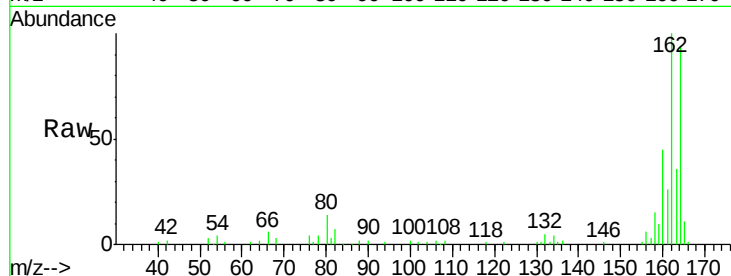
Tgt Ion:164 Resp: 88425

Ion Ratio Lower Upper

164 100

162 106.3 83.7 125.5

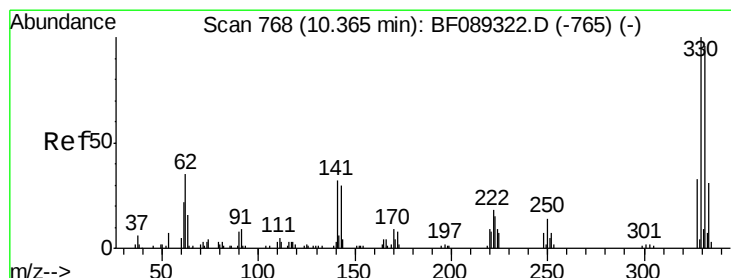
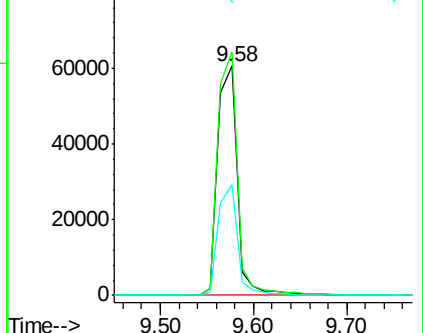
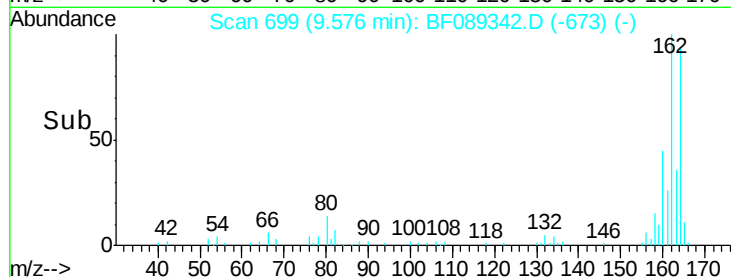
160 48.3 37.8 56.6



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: 136.14 ng

RT: 10.36 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF089342.D

Acq: 28 Jul 2016 3:05

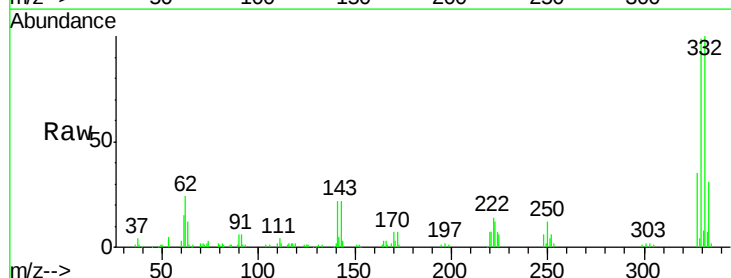
Tgt Ion:330 Resp: 99702

Ion Ratio Lower Upper

330 100

332 99.2 76.8 115.2

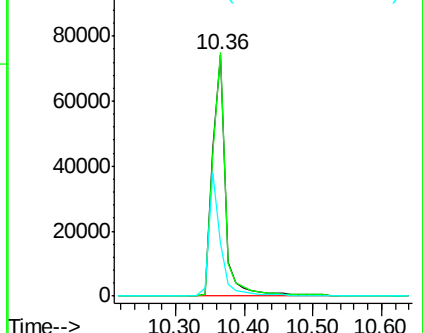
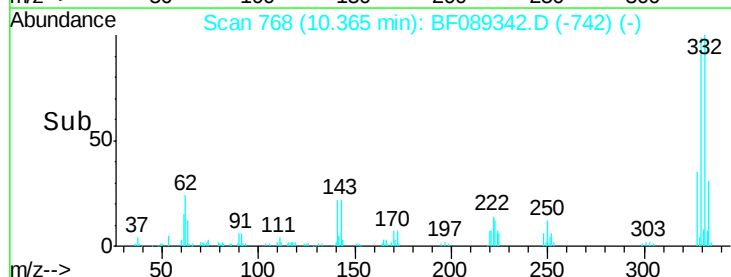
141 45.6 37.3 55.9

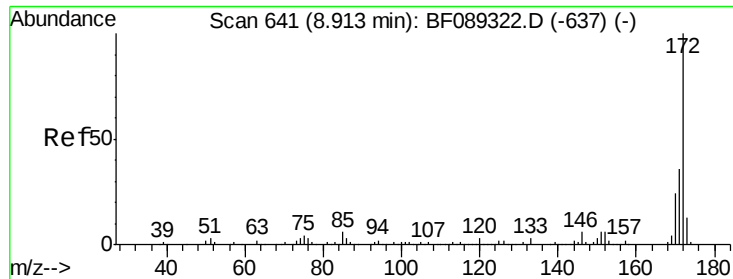


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

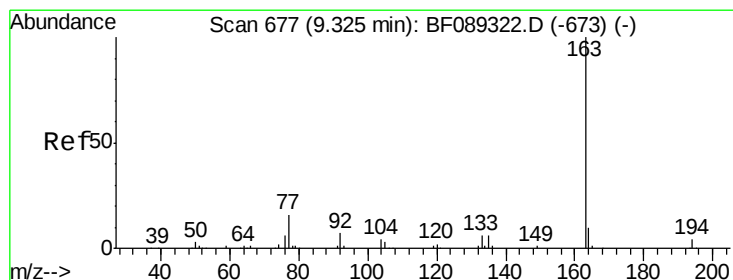
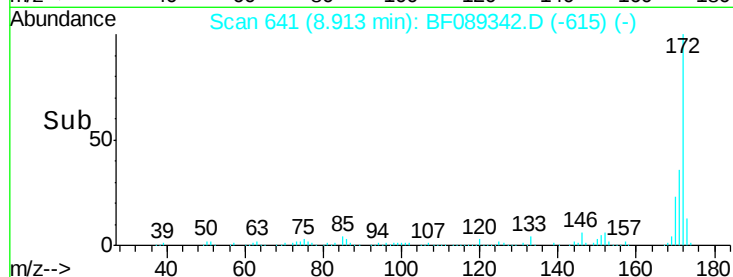
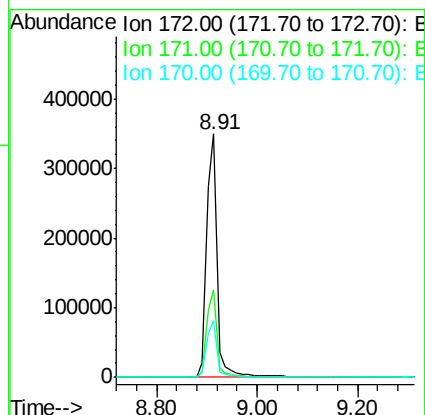
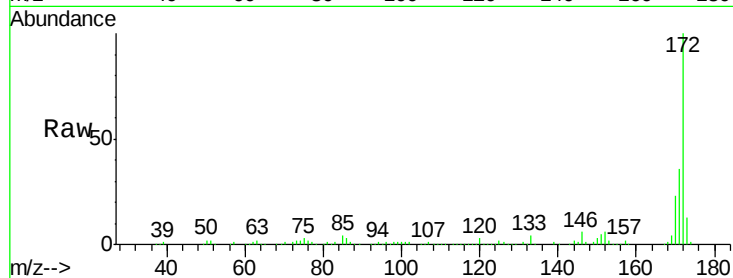




#44
 2-Fluorobiphenyl
 Concen: 85.09 ng
 RT: 8.91 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF089342.D
 Acq: 28 Jul 2016 3:05

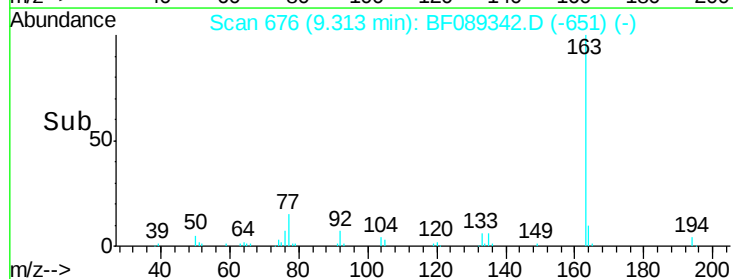
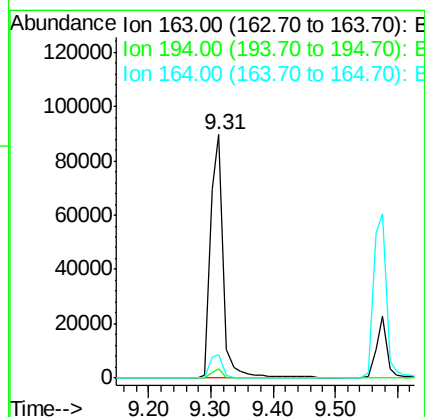
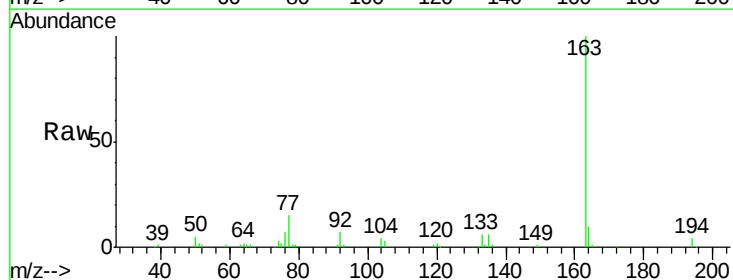
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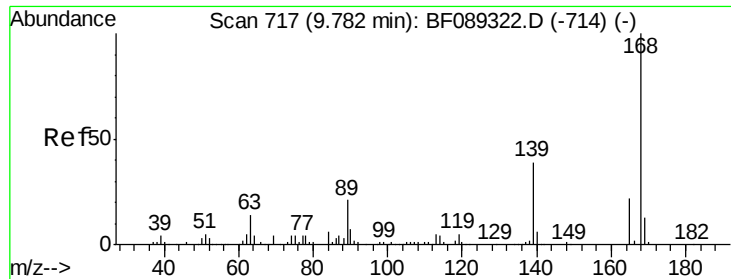
Tgt Ion:172 Resp: 512709
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.2 43.8
 170 23.1 19.2 28.8



#49
 Dimethylphthalate
 Concen: 18.92 ng
 RT: 9.31 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF089342.D
 Acq: 28 Jul 2016 3:05

Tgt Ion:163 Resp: 127318
 Ion Ratio Lower Upper
 163 100
 194 3.6 2.8 4.2
 164 9.7 7.8 11.8

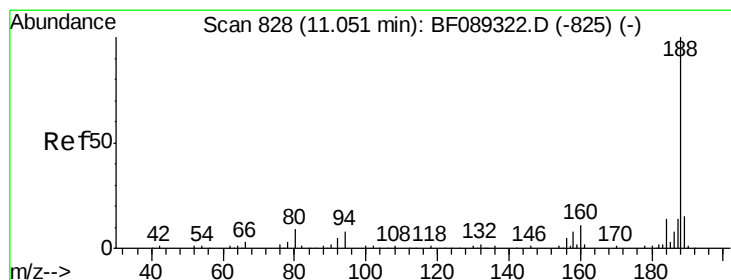
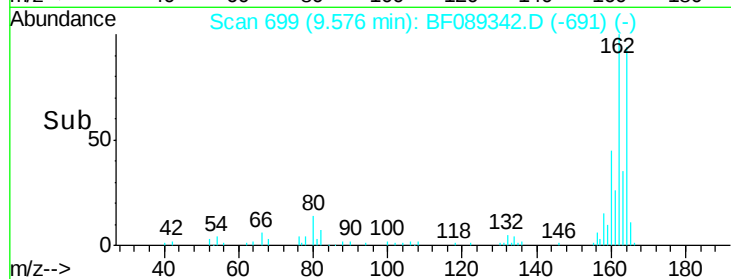
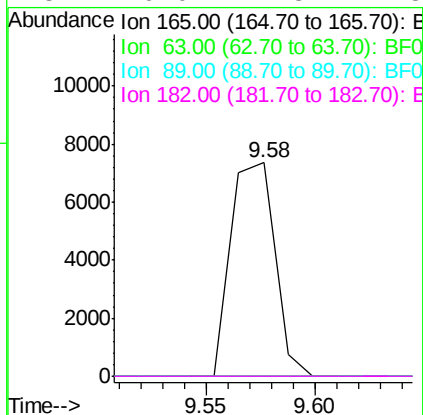
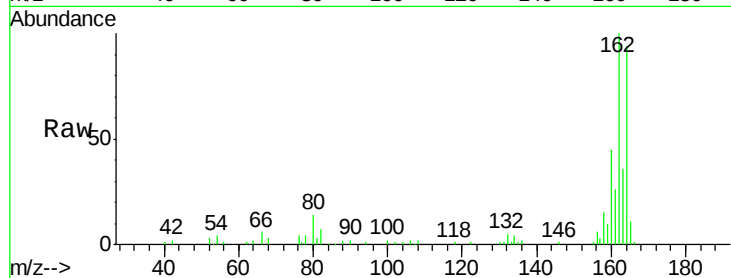




#56
 2,4-Dinitrotoluene
 Concen: 5.70 ng
 RT: 9.58 min Scan# 699
 Delta R.T. -0.21 min
 Lab File: BF089342.D
 Acq: 28 Jul 2016 3:05

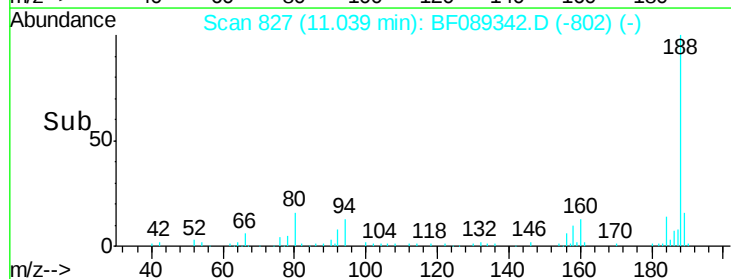
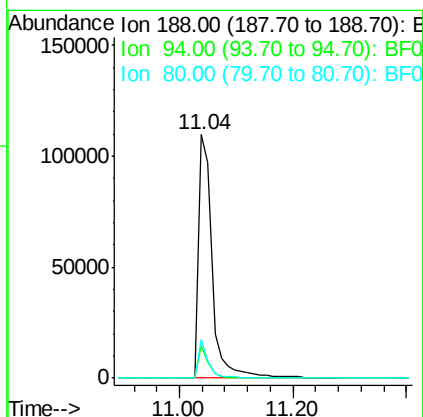
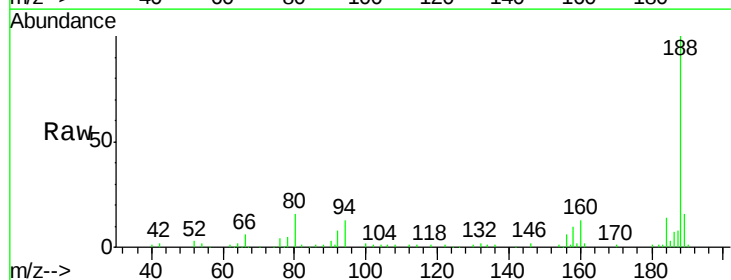
Instrument :
 BNA_F
 ClientSampleId :
 DUP-01

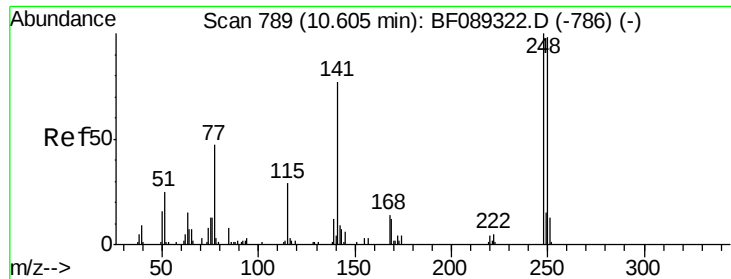
Tgt Ion:165 Resp: 10377
 Ion Ratio Lower Upper
 165 100
 63 0.0 58.2 87.2#
 89 0.0 79.1 118.7#
 182 0.0 1.8 2.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.04 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF089342.D
 Acq: 28 Jul 2016 3:05

Tgt Ion:188 Resp: 177941
 Ion Ratio Lower Upper
 188 100
 94 13.3 6.5 9.7#
 80 15.9 7.2 10.8#





#66

4-Bromophenyl-phenylether

Concen: 4.00 ng

RT: 10.35 min Scan# 767

Delta R.T. -0.25 min

Lab File: BF089342.D

Acq: 28 Jul 2016 3:05

Instrument :

BNA_F

ClientSampleId :

DUP-01

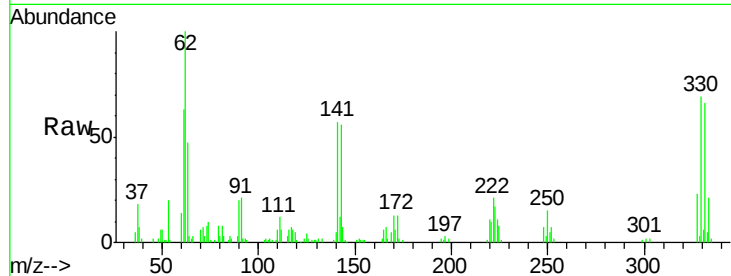
Tgt Ion:248 Resp: 6789

Ion Ratio Lower Upper

248 100

250 203.1 78.2 117.2#

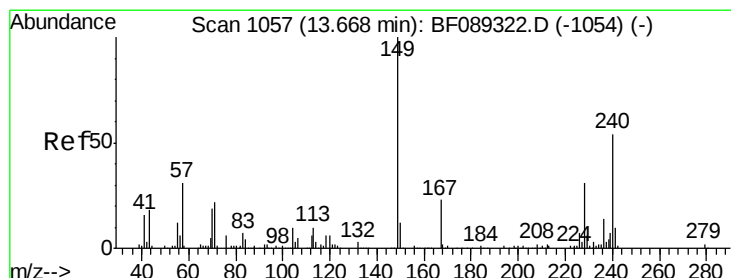
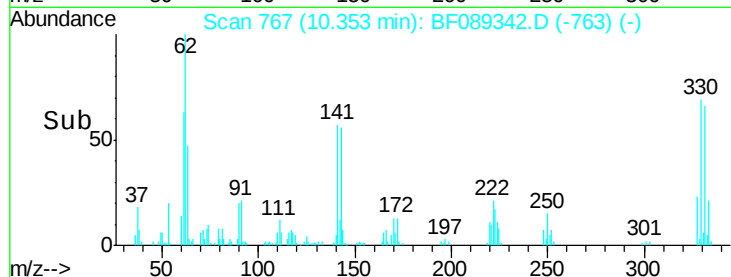
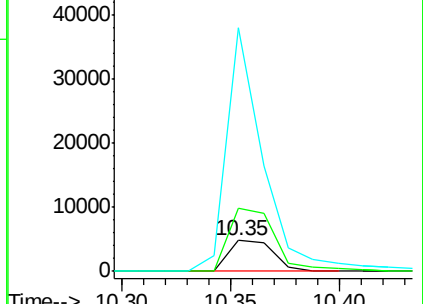
141 790.3 62.0 93.0#



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: 13.67 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BF089342.D

Acq: 28 Jul 2016 3:05

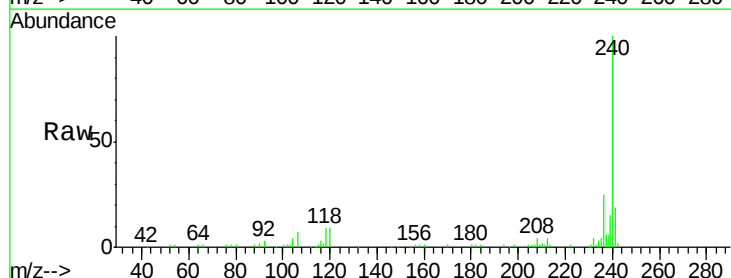
Tgt Ion:240 Resp: 142634

Ion Ratio Lower Upper

240 100

120 9.2 9.1 13.7

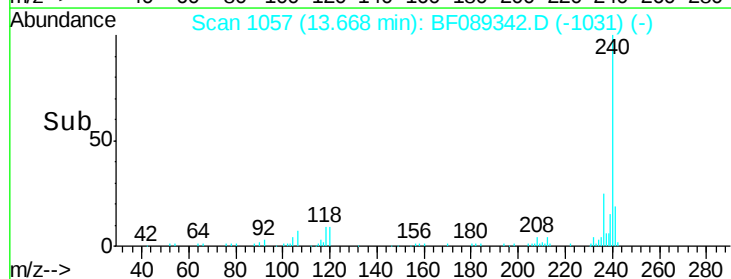
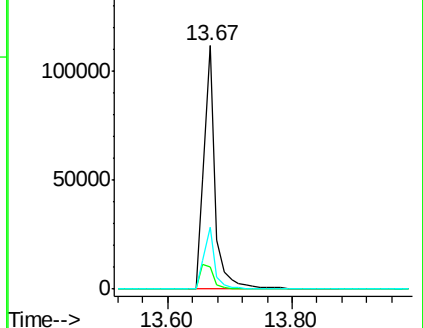
236 25.2 20.6 30.8

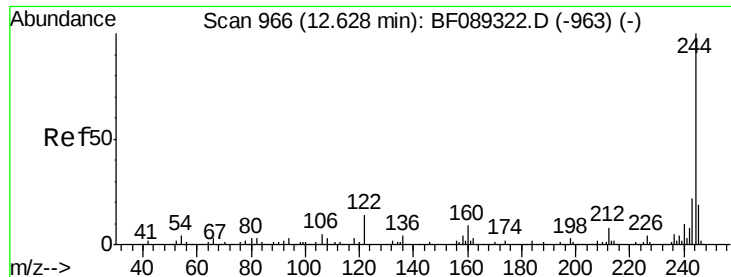


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

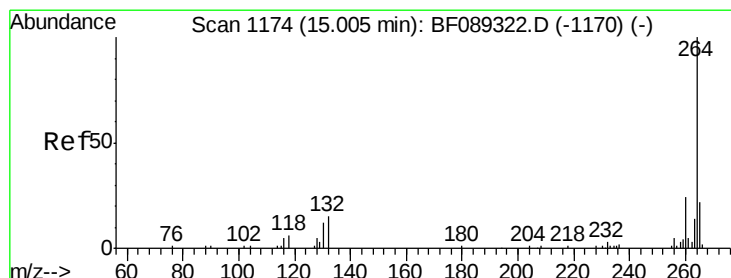
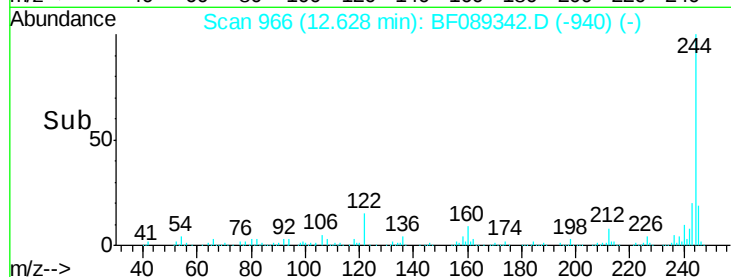
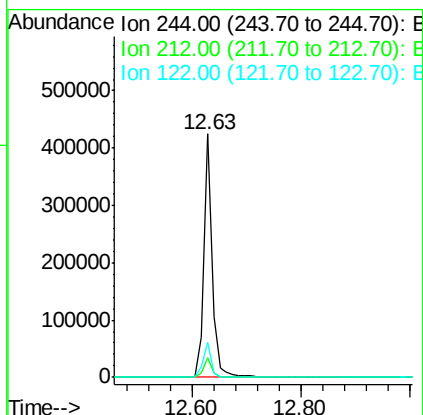
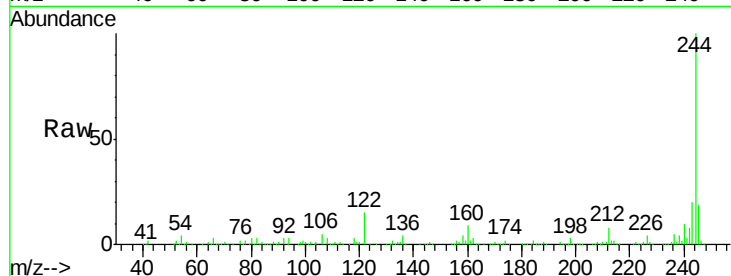




#78
 Terphenyl-d14
 Concen: 73.26 ng
 RT: 12.63 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: BF089342.D
 Acq: 28 Jul 2016 3:05

Instrument :
 BNA_F
 ClientSampleId :
 DUP-01

Tgt Ion:244 Resp: 446468
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.5 9.7
 122 14.6 11.4 17.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.01 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF089342.D
 Acq: 28 Jul 2016 3:05

Tgt Ion:264 Resp: 113170
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.0 28.4
 265 21.4 17.5 26.3

