

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072816\
 Data File : BF089343.D
 Acq On : 28 Jul 2016 3:34
 Operator : UM/SJ
 Sample : H4205-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-38-14.0-15.0

Quant Time: Jul 28 06:57:30 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

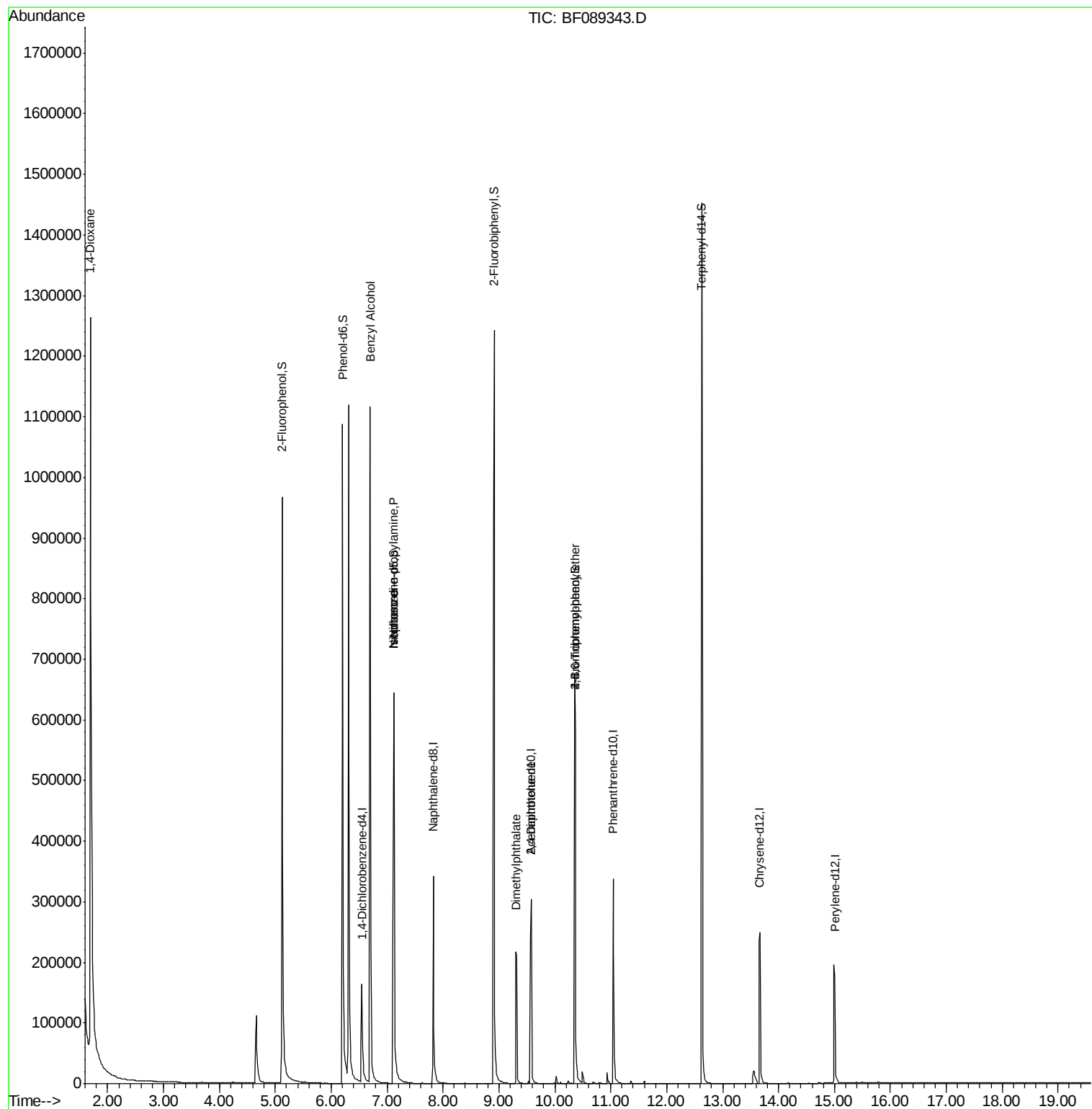
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	42437	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	199761	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	89654	20.00	ng	0.00
63) Phenanthrene-d10	11.04	188	186404	20.00	ng	-0.01
75) Chrysene-d12	13.67	240	145392	20.00	ng	0.00
86) Perylene-d12	15.01	264	115173	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	364984	137.33	ng	0.01
7) Phenol-d6	6.20	99	556835	158.54	ng	0.00
23) Nitrobenzene-d5	7.12	82	337342	99.68	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	115427	155.45	ng	0.00
44) 2-Fluorobiphenyl	8.91	172	607749	99.48	ng	0.00
78) Terphenyl-d14	12.63	244	505664	81.40	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.69	88	66014	56.25	ng	# 26
15) Benzyl Alcohol	6.70	79	5304	2.43	ng	# 50
19) n-Nitroso-di-n-propylamine	7.12	70	43443	20.51	ng	# 78
25) Isophorone	7.12	82	260597	38.23	ng	# 67
49) Dimethylphthalate	9.31	163	151191	22.16	ng	100
56) 2,4-Dinitrotoluene	9.58	165	11086	6.01	ng	# 7
66) 4-Bromophenyl-phenylether	10.36	248	7729	4.34	ng	# 1

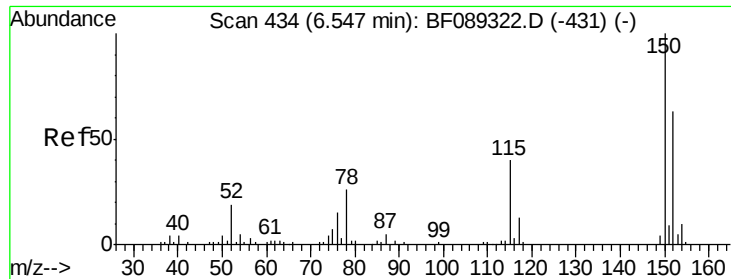
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF089343.D

Acq: 28 Jul 2016 3:34

Instrument :

BNA_F

ClientSampleId :

SB-38-14.0-15.0

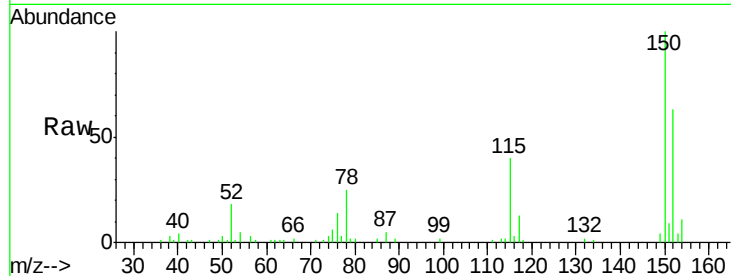
Tgt Ion:152 Resp: 42437

Ion Ratio Lower Upper

152 100

150 157.5 129.5 194.3

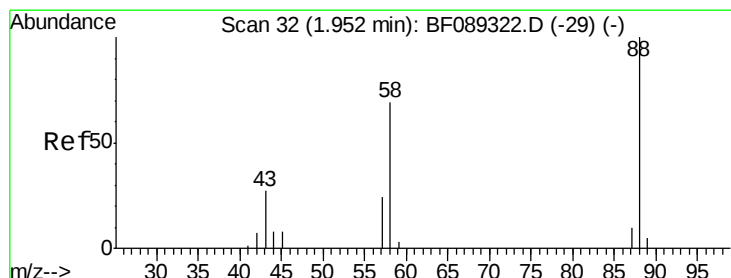
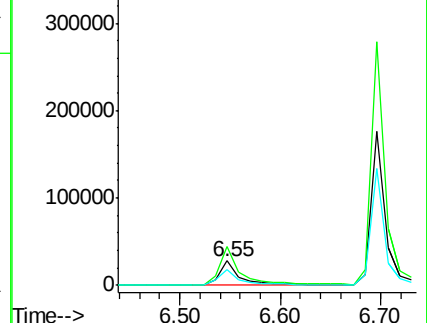
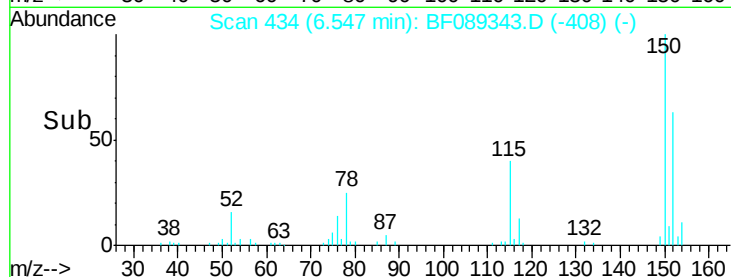
115 62.7 51.4 77.2



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: 56.25 ng

RT: 1.69 min Scan# 9

Delta R.T. -0.26 min

Lab File: BF089343.D

Acq: 28 Jul 2016 3:34

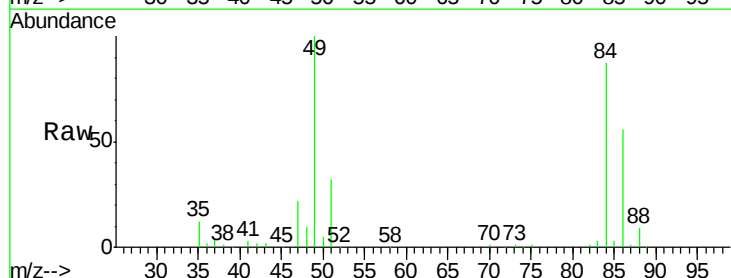
Tgt Ion: 88 Resp: 66014

Ion Ratio Lower Upper

88 100

58 0.0 53.2 79.8#

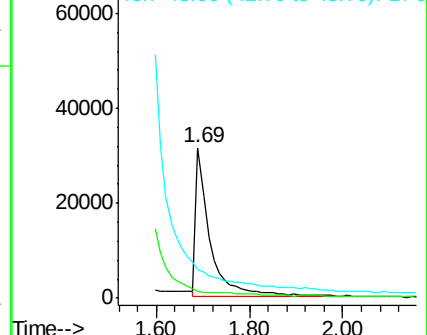
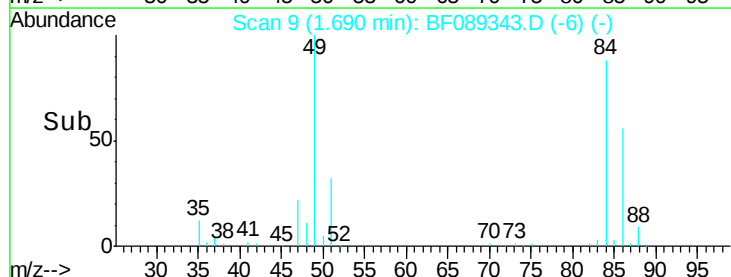
43 0.0 20.6 31.0#

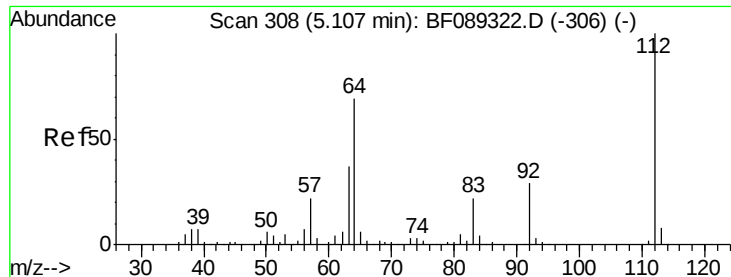


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 137.33 ng

RT: 5.12 min Scan# 309

Delta R.T. 0.01 min

Lab File: BF089343.D

Acq: 28 Jul 2016 3:34

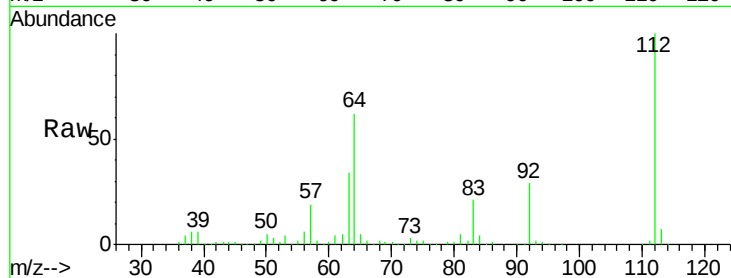
Instrument :

BNA_F

ClientSampleId :

SB-38-14.0-15.0

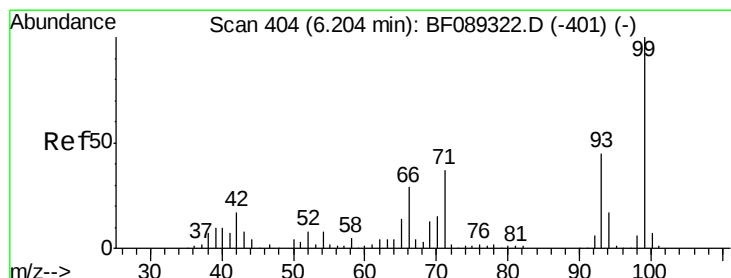
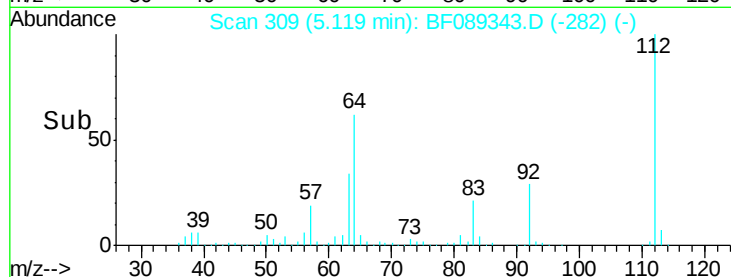
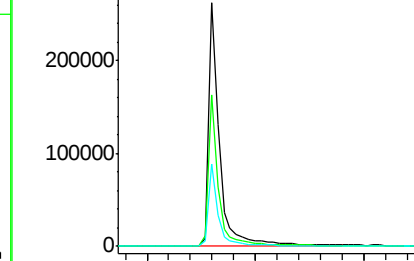
Tgt Ion:	112	Resp:	364984
Ion Ratio	Lower	Upper	
112	100		
64	62.3	55.0	82.6
63	34.0	29.4	44.2



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: 158.54 ng

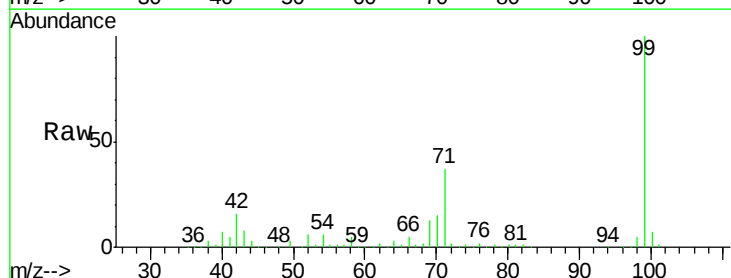
RT: 6.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF089343.D

Acq: 28 Jul 2016 3:34

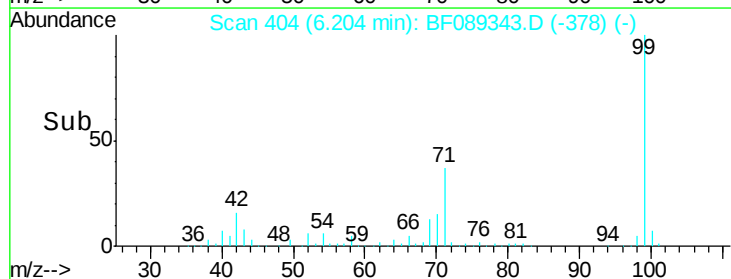
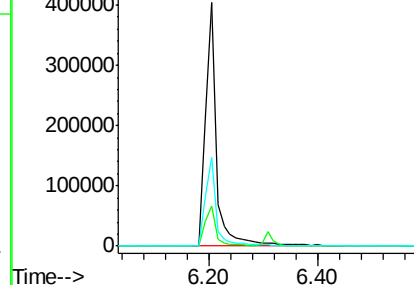
Tgt Ion:	99	Resp:	556835
Ion Ratio	Lower	Upper	
99	100		
42	16.3	13.6	20.4
71	36.6	29.4	44.2

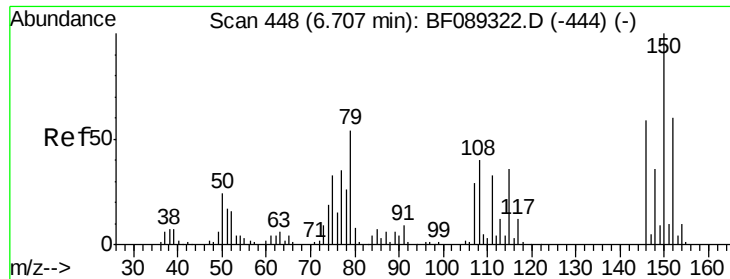


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#15

Benzyl Alcohol

Concen: 2.43 ng

RT: 6.70 min Scan# 447

Delta R.T. -0.01 min

Lab File: BF089343.D

Acq: 28 Jul 2016 3:34

Instrument :

BNA_F

ClientSampleId :

SB-38-14.0-15.0

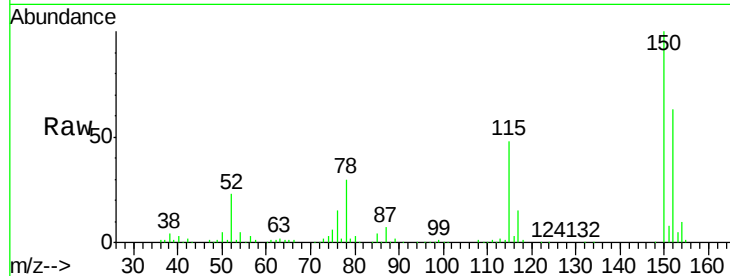
Tgt Ion: 79 Resp: 5304

Ion Ratio Lower Upper

79 100

108 25.8 59.8 89.6#

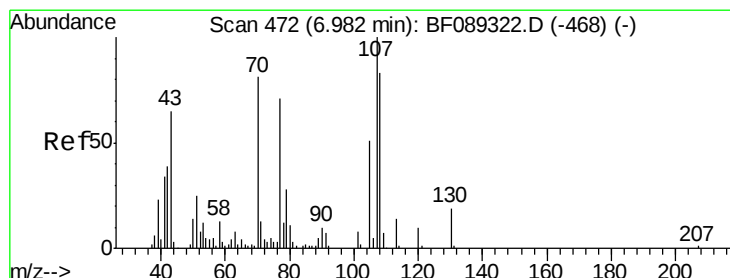
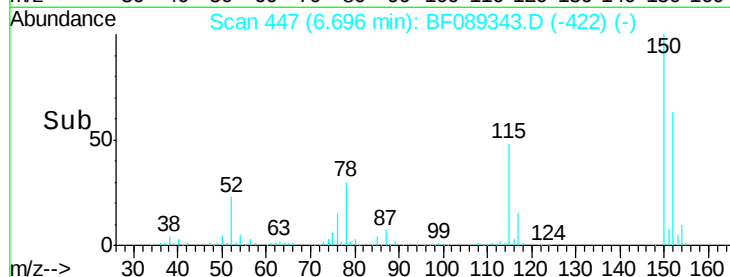
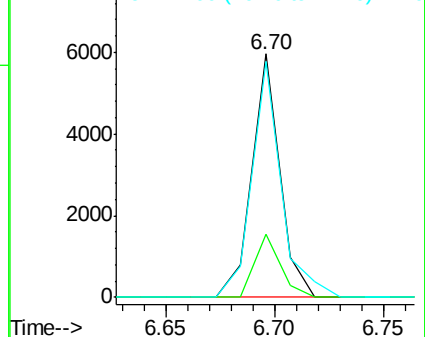
77 97.0 51.7 77.5#



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: 20.51 ng

RT: 7.12 min Scan# 484

Delta R.T. 0.14 min

Lab File: BF089343.D

Acq: 28 Jul 2016 3:34

Tgt Ion: 70 Resp: 43443

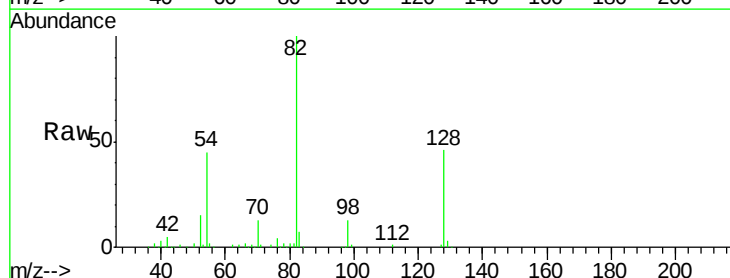
Ion Ratio Lower Upper

70 100

42 41.1 38.6 57.8

101 0.0 8.3 12.5#

130 2.1 19.0 28.4#

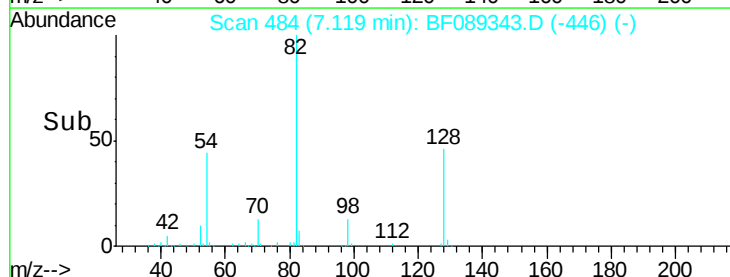
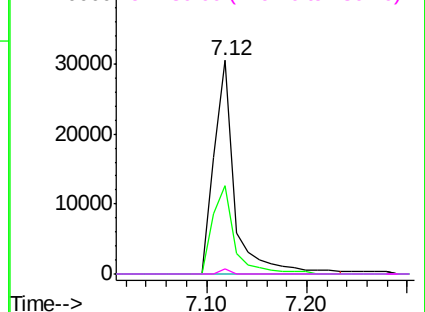


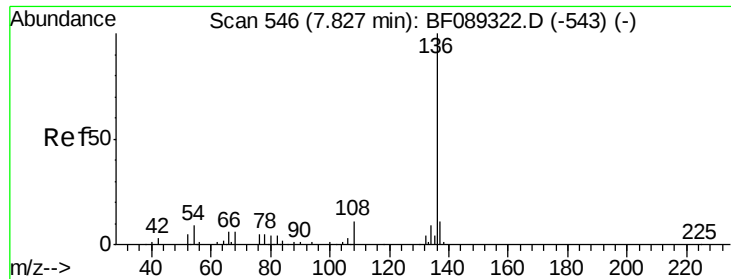
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

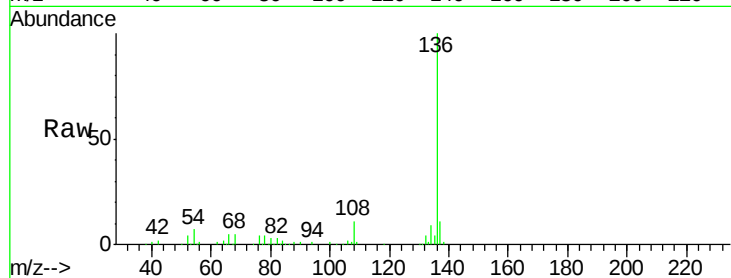




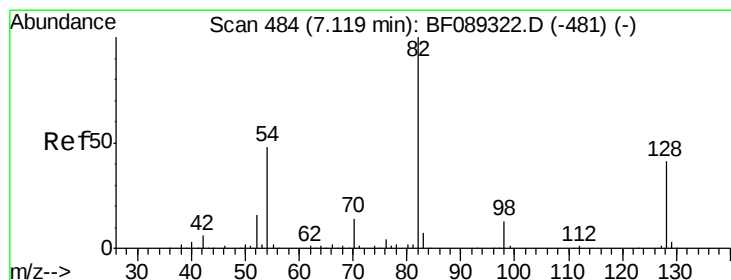
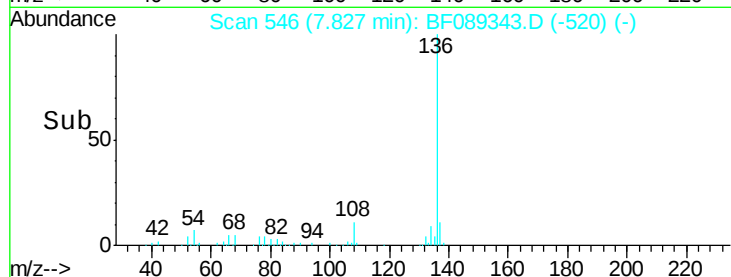
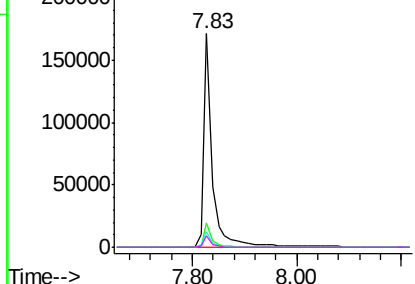
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.83 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF089343.D
Acq: 28 Jul 2016 3:34

Instrument :
BNA_F
ClientSampleId :
SB-38-14.0-15.0

Tgt Ion:	136	Resp:	199761
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	7.0	7.0	10.4
68	5.5	4.9	7.3

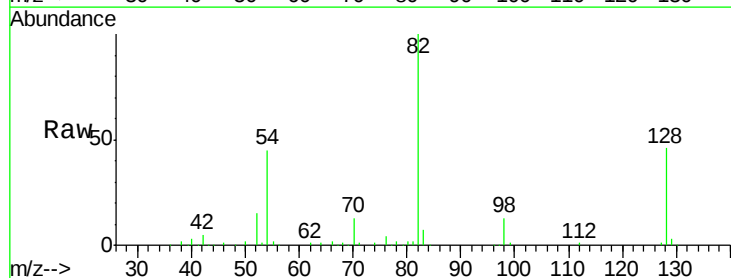


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

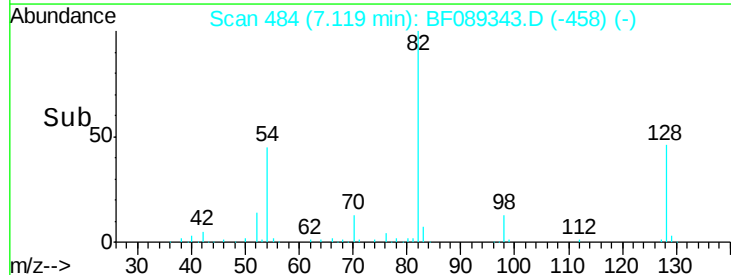
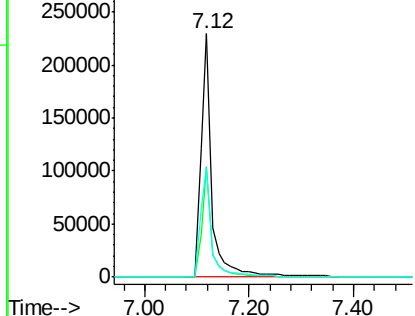


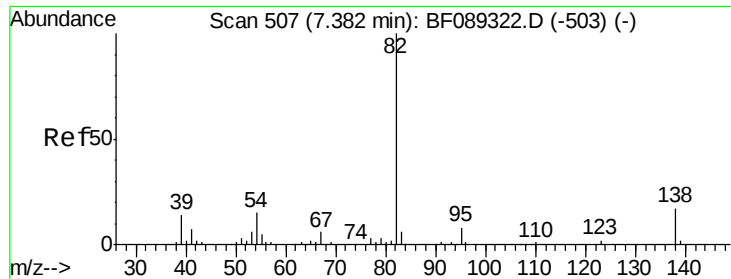
#23
Nitrobenzene-d5
Concen: 99.68 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.00 min
Lab File: BF089343.D
Acq: 28 Jul 2016 3:34

Tgt Ion:	82	Resp:	337342
Ion	Ratio	Lower	Upper
82	100		
128	45.6	32.5	48.7
54	45.0	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

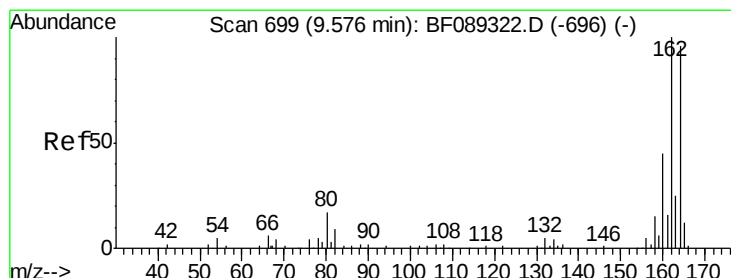
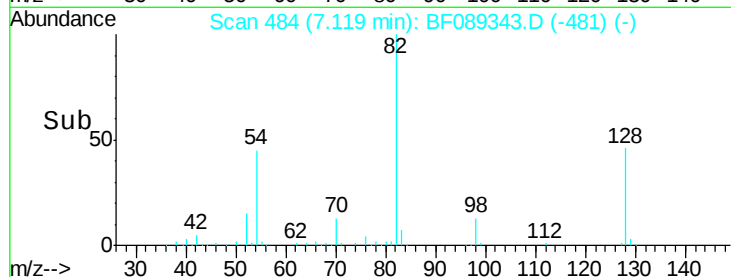
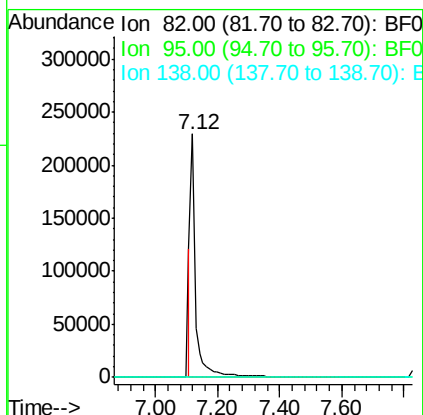
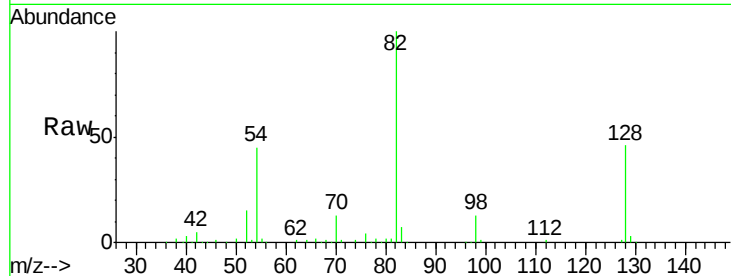




#25
Isophorone
Concen: 38.23 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.26 min
Lab File: BF089343.D
Acq: 28 Jul 2016 3:34

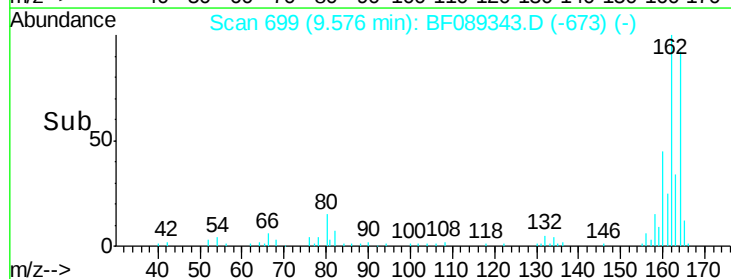
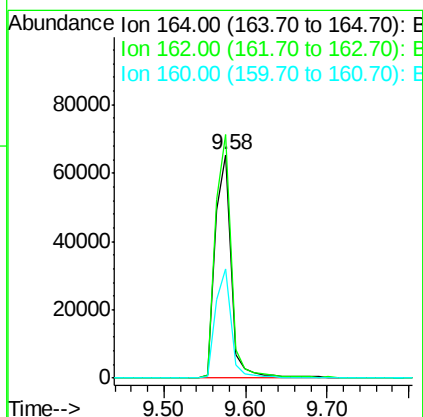
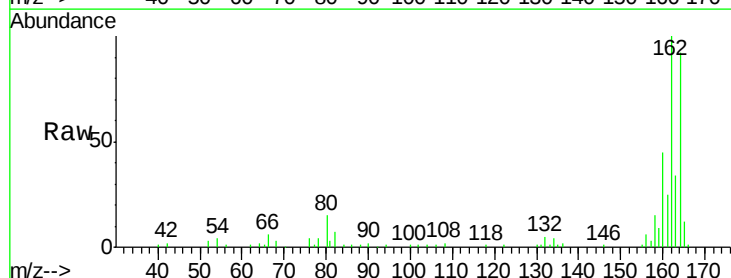
Instrument :
BNA_F
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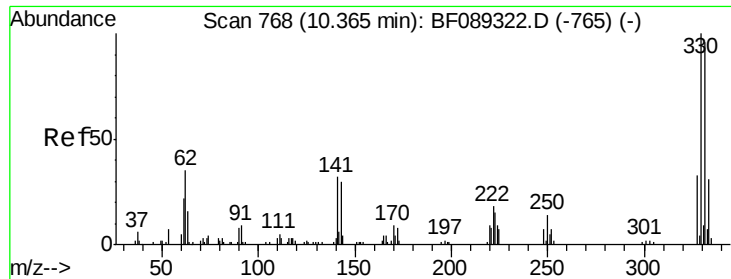
Tgt Ion: 82 Resp: 260597
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 13.3 19.9#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF089343.D
Acq: 28 Jul 2016 3:34

Tgt Ion: 164 Resp: 89654
Ion Ratio Lower Upper
164 100
162 109.0 83.7 125.5
160 48.9 37.8 56.6

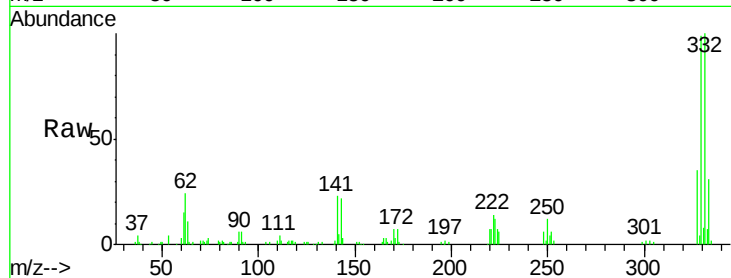




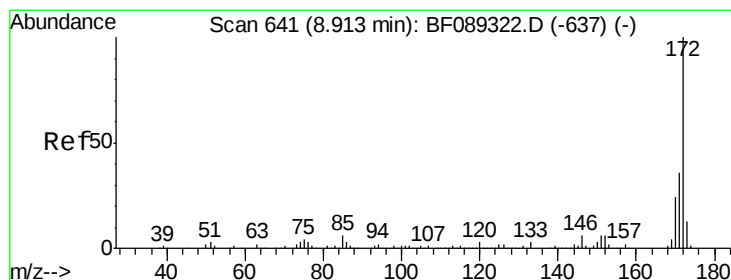
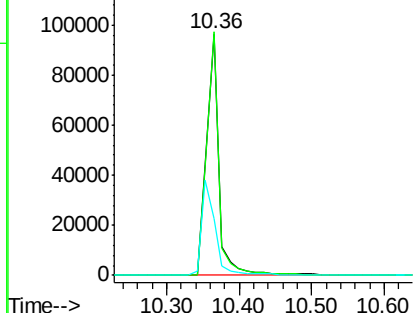
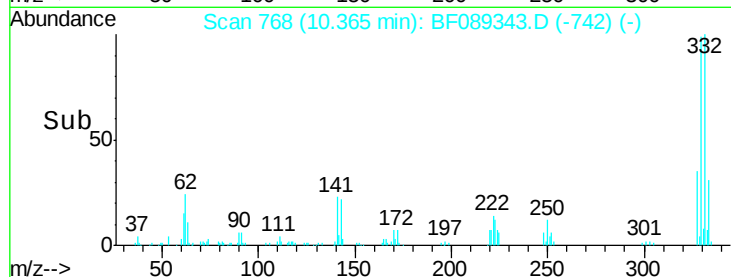
#41
 2,4,6-Tribromophenol
 Concen: 155.45 ng
 RT: 10.36 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BF089343.D
 Acq: 28 Jul 2016 3:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-38-14.0-15.0

Tgt Ion	Ratio	Lower	Upper
330	100		
332	99.2	76.8	115.2
141	42.8	37.3	55.9

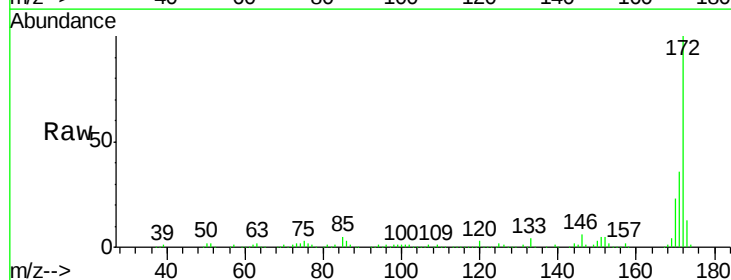


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

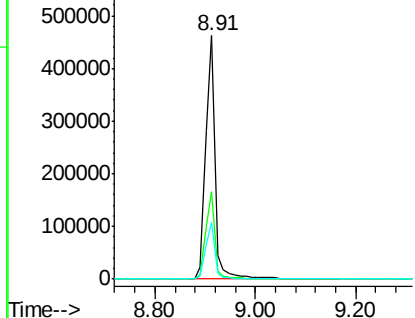
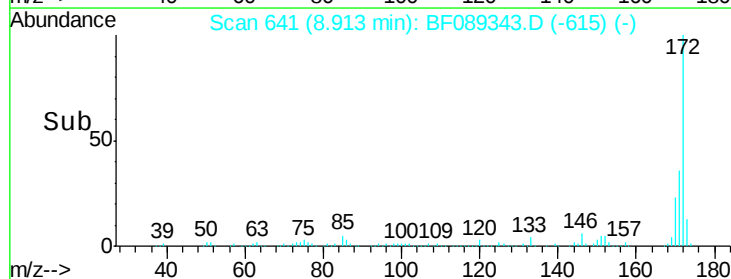


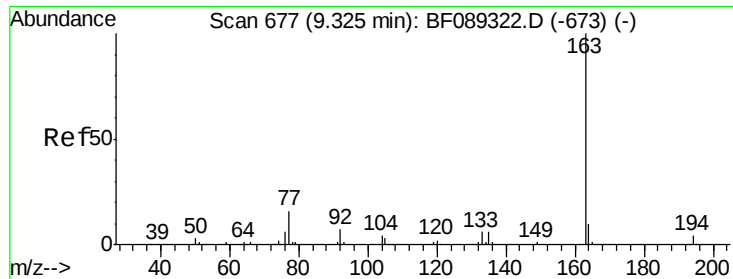
#44
 2-Fluorobiphenyl
 Concen: 99.48 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.00 min
 Lab File: BF089343.D
 Acq: 28 Jul 2016 3:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.2	43.8
170	23.2	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

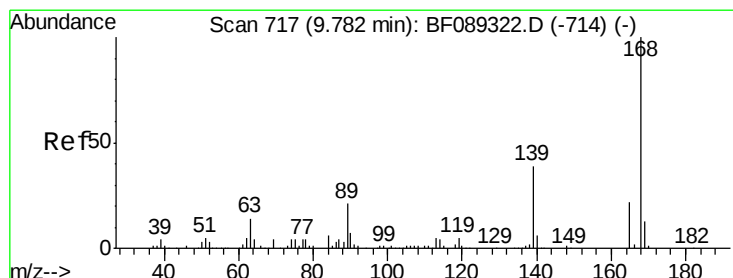
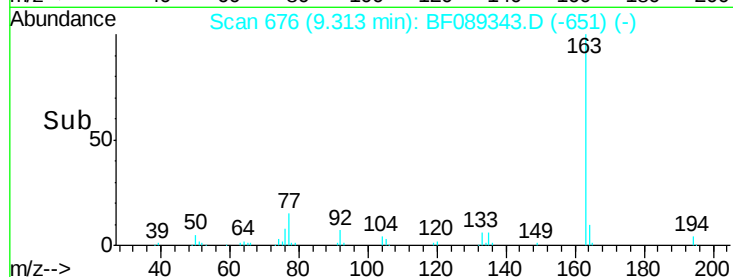
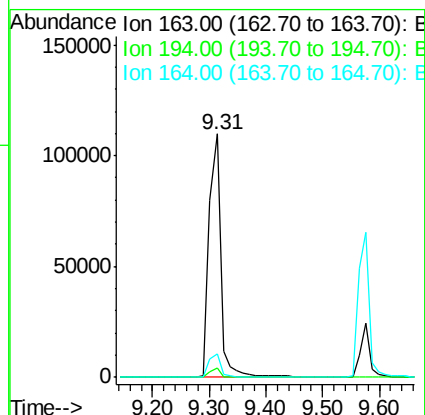
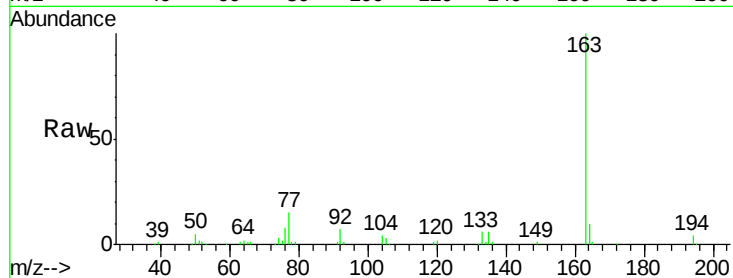




#49
Dimethylphthalate
Concen: 22.16 ng
RT: 9.31 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF089343.D
Acq: 28 Jul 2016 3:34

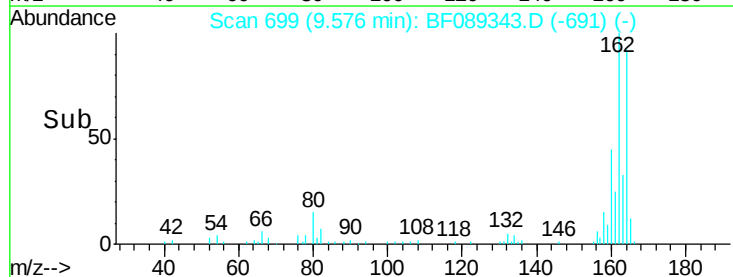
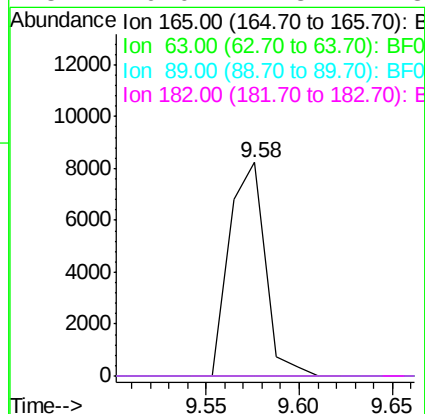
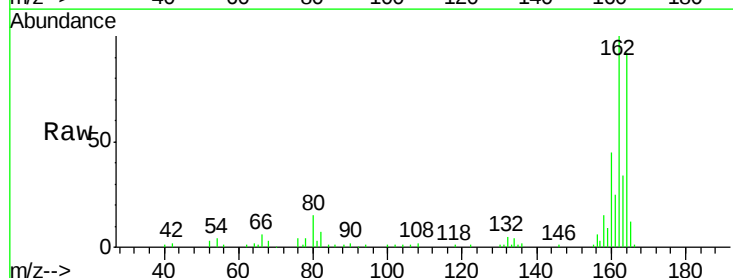
Instrument :
BNA_F
ClientSampleId :
SB-38-14.0-15.0

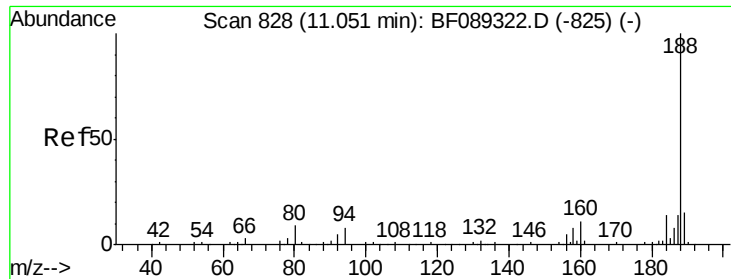
Tgt Ion:163 Resp: 151191
Ion Ratio Lower Upper
163 100
194 3.8 2.8 4.2
164 9.8 7.8 11.8



#56
2,4-Dinitrotoluene
Concen: 6.01 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.21 min
Lab File: BF089343.D
Acq: 28 Jul 2016 3:34

Tgt Ion:165 Resp: 11086
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#

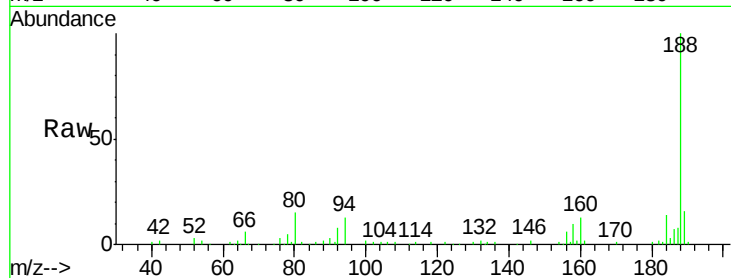




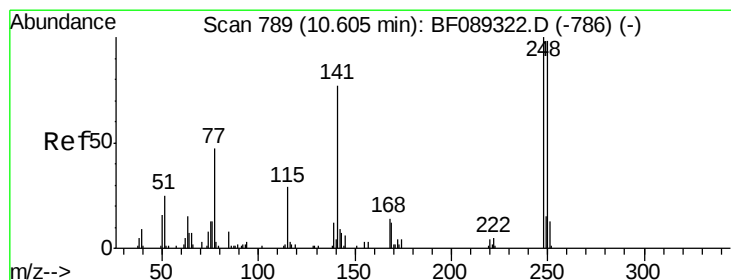
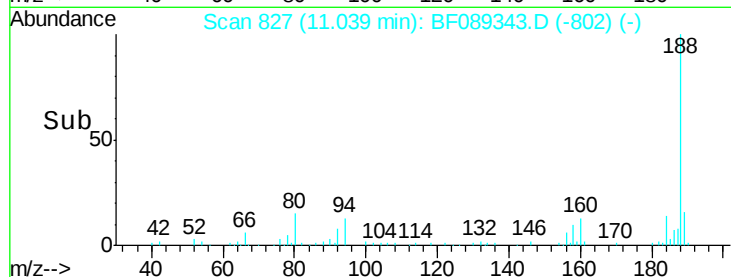
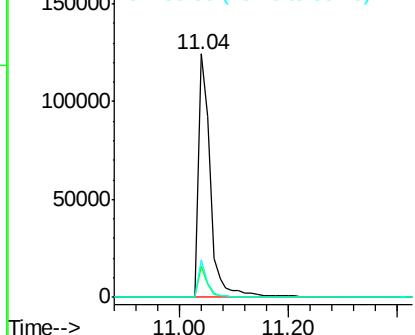
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.04 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF089343.D
Acq: 28 Jul 2016 3:34

Instrument :
BNA_F
ClientSampleId :
SB-38-14.0-15.0

Tgt Ion:188 Resp: 186404
Ion Ratio Lower Upper
188 100
94 13.0 6.5 9.7#
80 15.5 7.2 10.8#

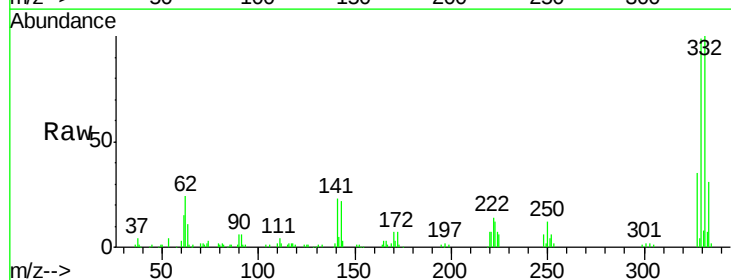


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

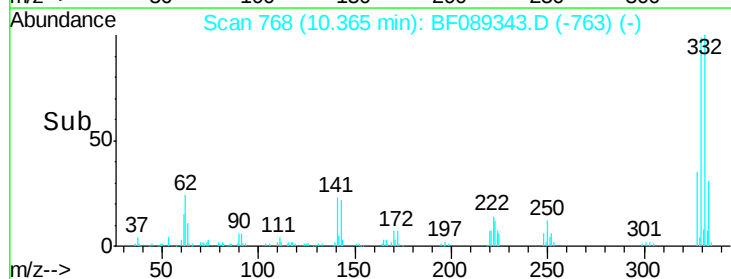
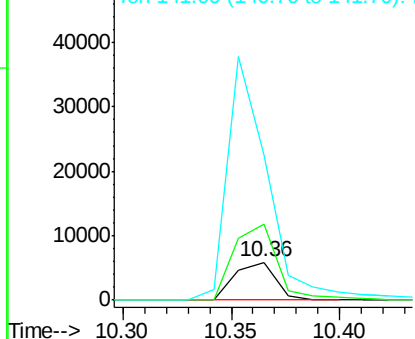


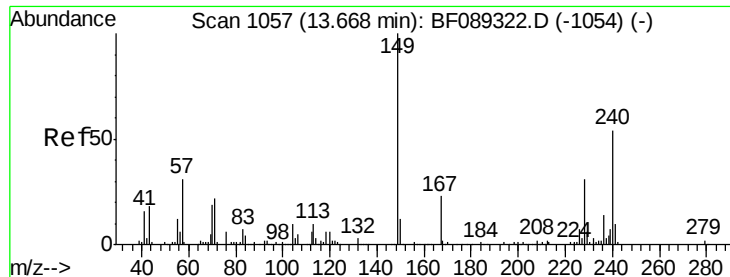
#66
4-Bromophenyl-phenylether
Concen: 4.34 ng
RT: 10.36 min Scan# 768
Delta R.T. -0.24 min
Lab File: BF089343.D
Acq: 28 Jul 2016 3:34

Tgt Ion:248 Resp: 7729
Ion Ratio Lower Upper
248 100
250 199.2 78.2 117.2#
141 382.7 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: BF089343.D

Acq: 28 Jul 2016 3:34

Instrument :

BNA_F

ClientSampleId :

SB-38-14.0-15.0

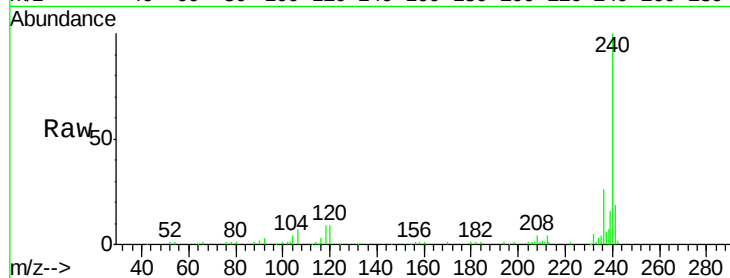
Tgt Ion:240 Resp: 145392

Ion Ratio Lower Upper

240 100

120 9.0 9.1 13.7#

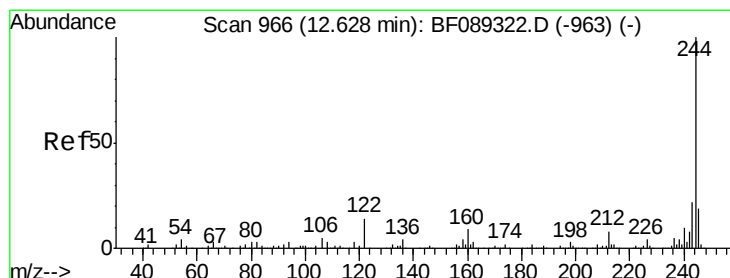
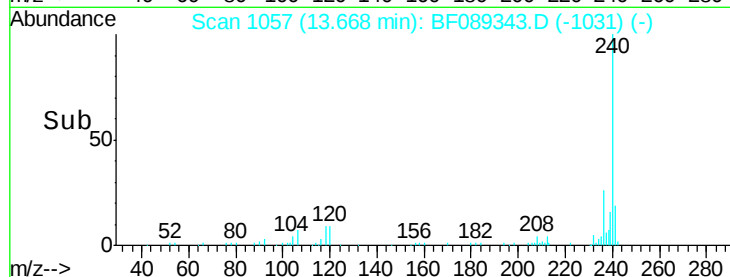
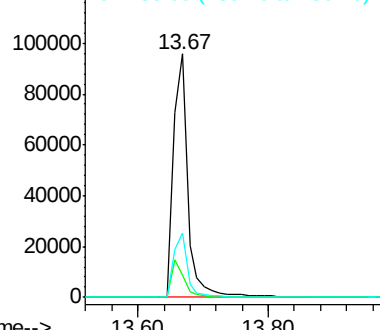
236 26.2 20.6 30.8



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: 81.40 ng

RT: 12.63 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF089343.D

Acq: 28 Jul 2016 3:34

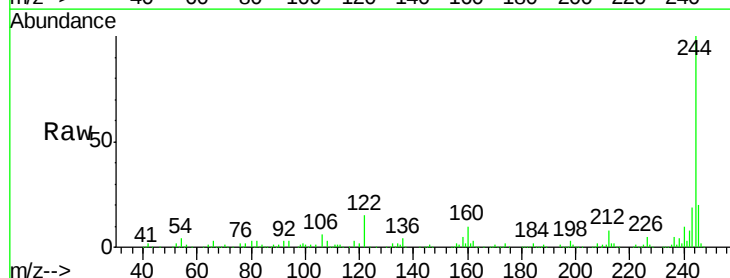
Tgt Ion:244 Resp: 505664

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

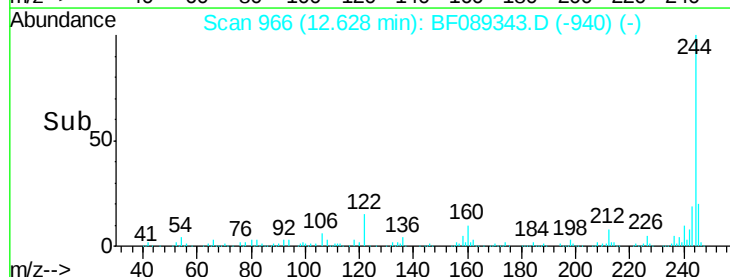
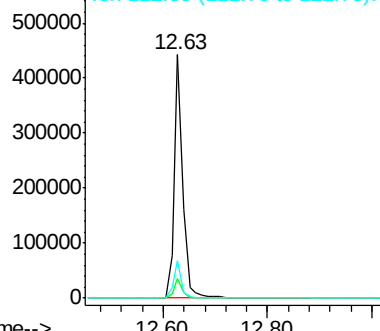
122 15.4 11.4 17.0

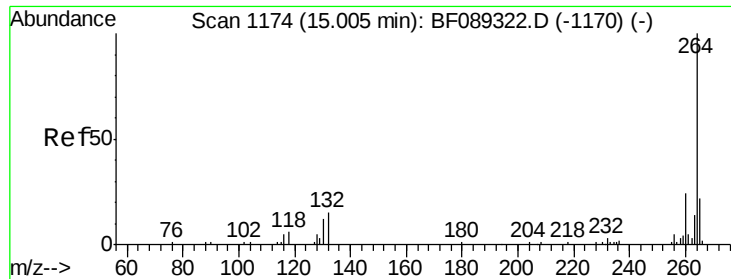


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

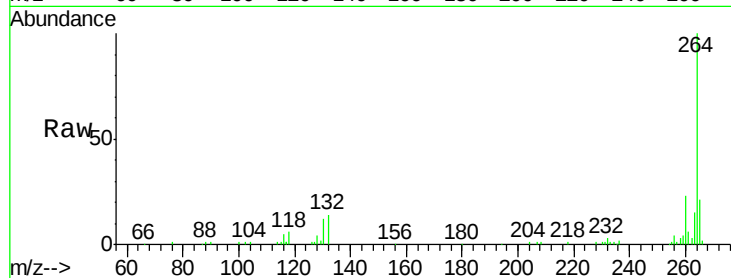




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.01 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BF089343.D
Acq: 28 Jul 2016 3:34

Instrument :
BNA_F
ClientSampleId :
SB-38-14.0-15.0

Tgt Ion: 264 Resp: 115173
Ion Ratio Lower Upper
264 100
260 23.5 19.0 28.4
265 21.5 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

