

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
 Data File : BF088446.D
 Acq On : 27 Jun 2016 9:24
 Operator : UM/SJ
 Sample : H3698-03
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 27 19:05:46 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 04:27:12 2016
 Response via : Initial Calibration

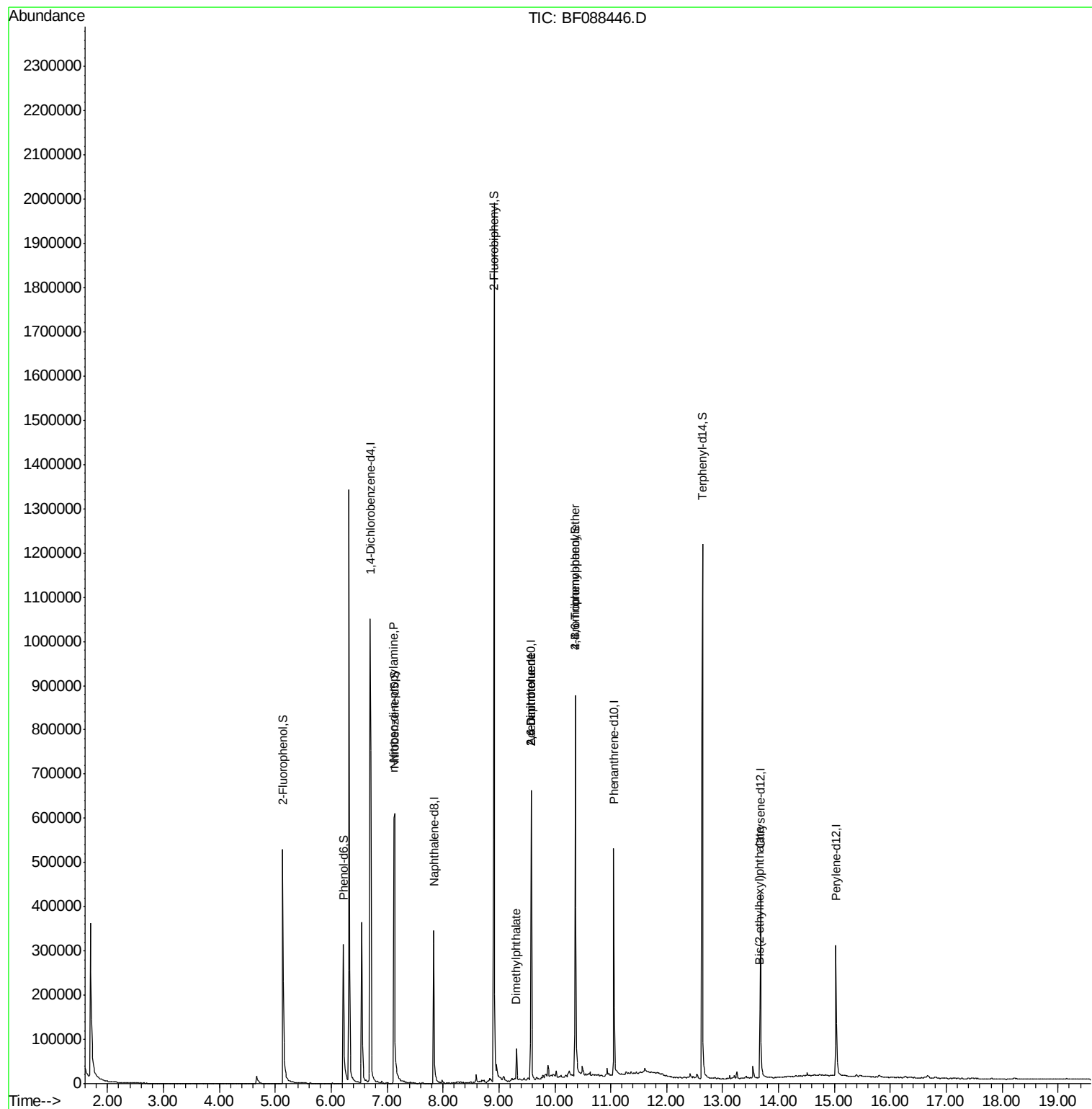
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	247693	20.00	ng	-0.15
21) Naphthalene-d8	7.84	136	287095	20.00	ng	-0.29
38) Acenaphthene-d10	9.58	164	130536	20.00	ng	-0.31
63) Phenanthrene-d10	11.05	188	215245	20.00	ng	-0.31
75) Chrysene-d12	13.68	240	162304	20.00	ng	-0.31
86) Perylene-d12	15.03	264	134723	20.00	ng	-0.37
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	253570	17.50	ng	-0.30
7) Phenol-d6	6.22	99	182371	10.39	ng	-0.26
23) Nitrobenzene-d5	7.13	82	382743	77.85	ng	-0.29
41) 2,4,6-Tribromophenol	10.37	330	132365	96.03	ng	-0.31
44) 2-Fluorobiphenyl	8.91	172	681295	81.78	ng	-0.30
78) Terphenyl-d14	12.64	244	520766	73.01	ng	-0.31
Target Compounds						
10) Phenol	6.32	94	628	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.12	70	49554	4.41 ng	#	71
45) 1,1'-Biphenyl	8.91	154	1350	Below Cal	#	1
49) Dimethylphthalate	9.31	163	29037	3.07 ng		99
50) 2,6-Dinitrotoluene	9.58	165	16621	7.68 ng	#	37
56) 2,4-Dinitrotoluene	9.58	165	16622	5.97 ng	#	36
66) 4-Bromophenyl-phenylether	10.37	248	7538	3.26 ng	#	1
83) Bis(2-ethylhexyl)phthalate	13.67	149	14316	2.21 ng		99

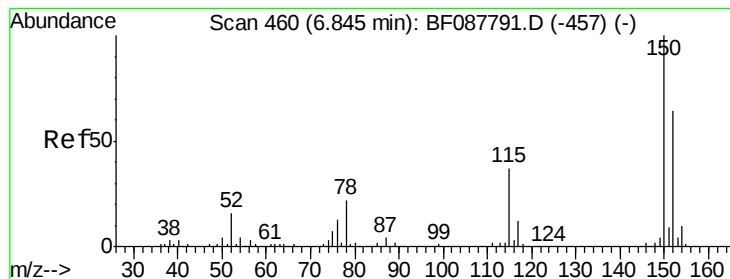
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
Data File : BF088446.D
Acq On : 27 Jun 2016 9:24
Operator : UM/SJ
Sample : H3698-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 27 19:05:46 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 27 04:27:12 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 447

Delta R.T. -0.15 min

Lab File: BF088446.D

Acq: 27 Jun 2016 9:24

Instrument :

BNA_F

ClientSampleId :

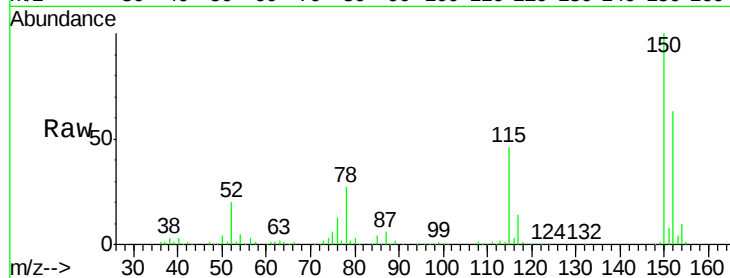
Tot Ion:152 Resp: 247693

Ion Ratio Lower Upper

152 100

150 157.5 123.8 185.6

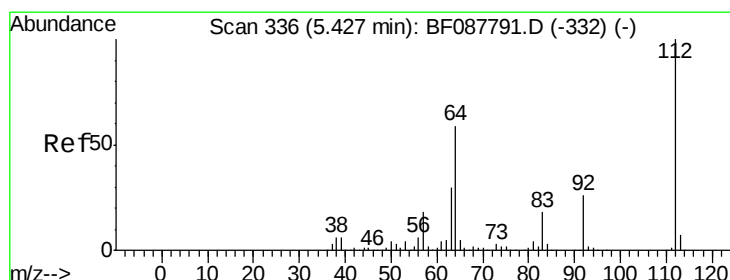
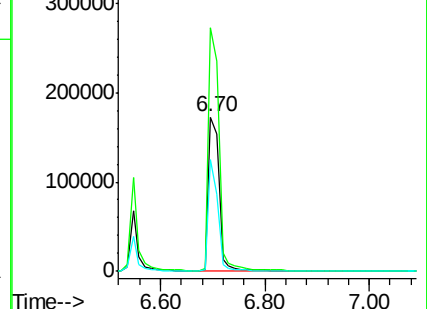
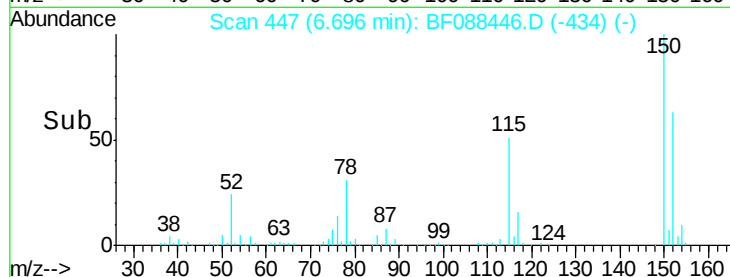
115 72.2 39.6 59.4#



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: 17.50 ng

RT: 5.13 min Scan# 310

Delta R.T. -0.30 min

Lab File: BF088446.D

Acq: 27 Jun 2016 9:24

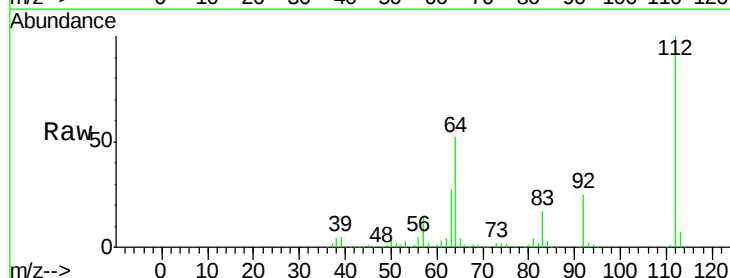
Tgt Ion:112 Resp: 253570

Ion Ratio Lower Upper

112 100

64 51.7 42.2 63.2

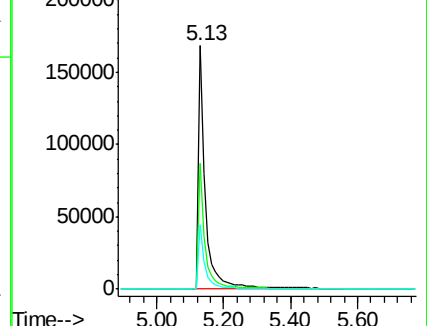
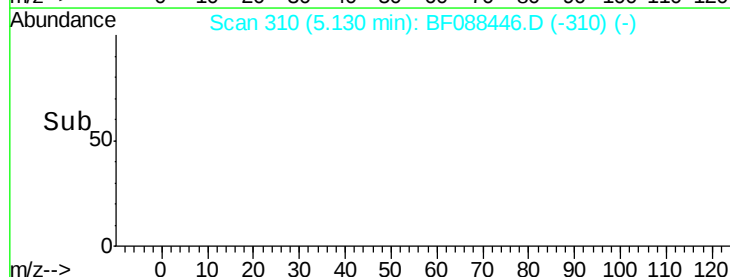
63 26.7 21.8 32.8



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: 10.39 ng

RT: 6.22 min Scan# 405

Delta R.T. -0.26 min

Lab File: BF088446.D

Acq: 27 Jun 2016 9:24

Instrument :

BNA_F

ClientSampleId :

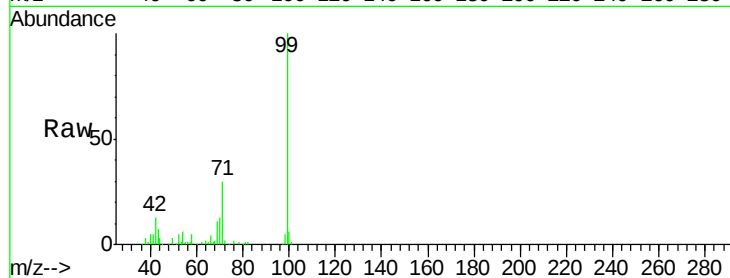
Tot Ion: 99 Resp: 182371

Ion Ratio Lower Upper

99 100

42 13.4 12.2 18.2

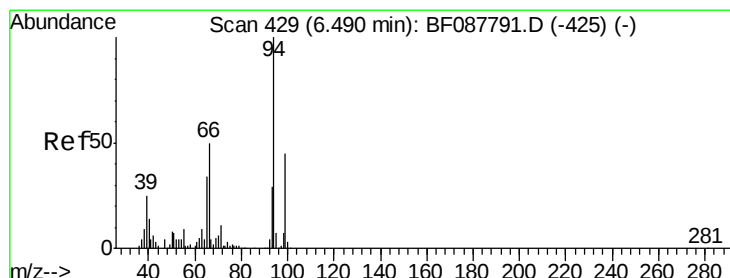
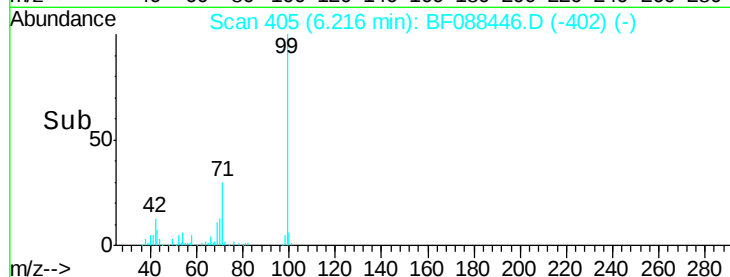
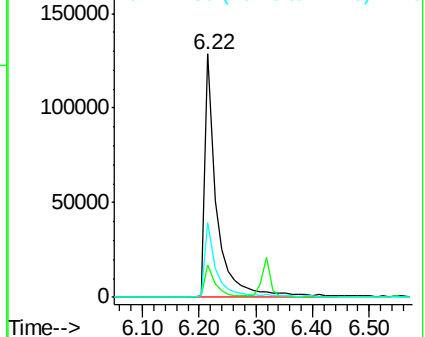
71 30.5 23.4 35.0



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



#10

Phenol

Concen: Below Cal

RT: 6.32 min Scan# 414

Delta R.T. -0.17 min

Lab File: BF088446.D

Acq: 27 Jun 2016 9:24

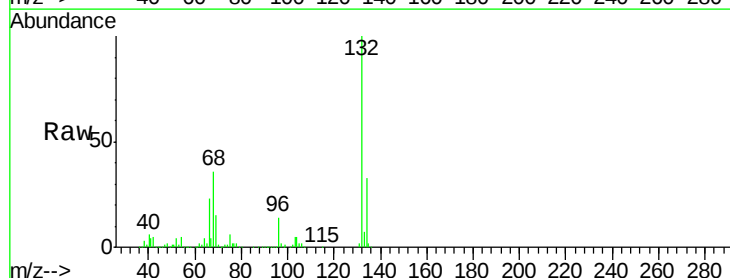
Tgt Ion: 94 Resp: 628

Ion Ratio Lower Upper

94 100

65 877.6 5.9 45.9#

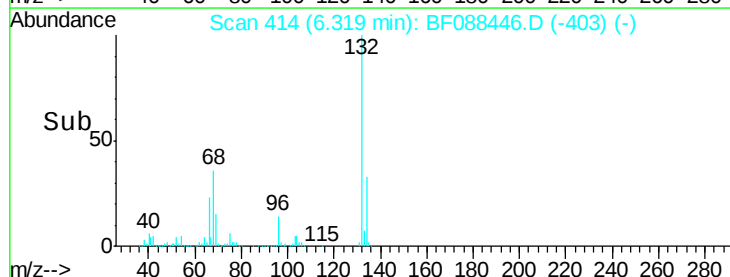
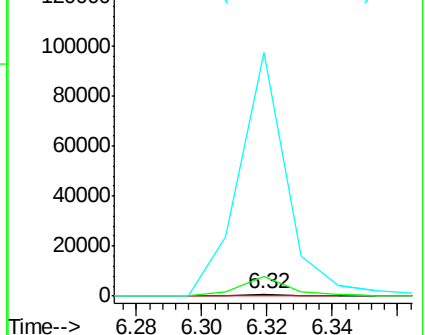
66 10635.8 14.0 54.0#

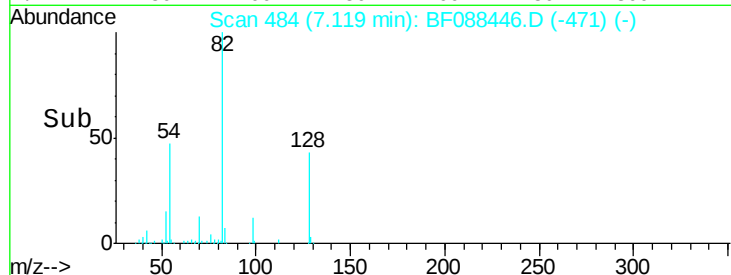
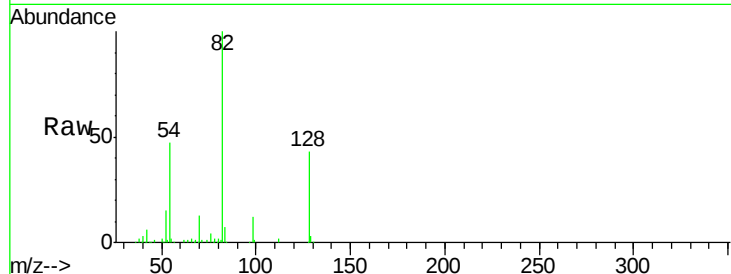


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

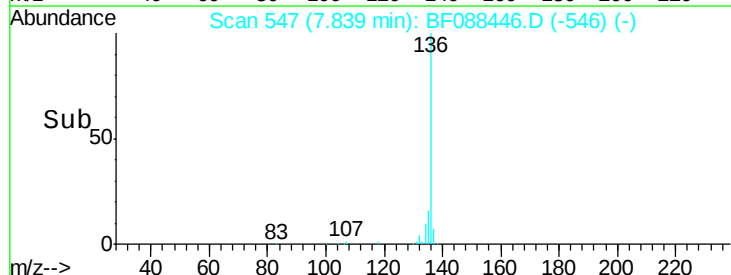
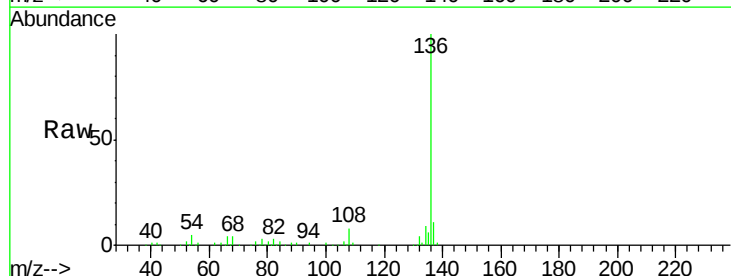
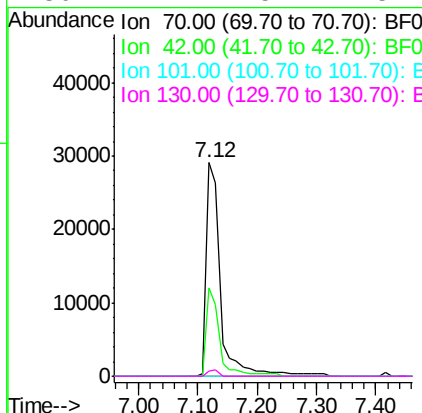




#19
n-Nitroso-di-n-propylamine
Concen: 4.41 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.15 min
Lab File: BF088446.D
Acq: 27 Jun 2016 9:24

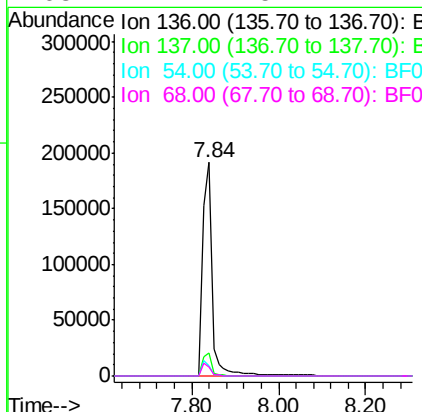
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	49554
Ion	Ratio	Lower	Upper
70	100		
42	41.6	49.6	74.4#
101	0.0	7.1	10.7#
130	2.2	15.4	23.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 547
Delta R.T. -0.29 min
Lab File: BF088446.D
Acq: 27 Jun 2016 9:24

Tgt Ion:	136	Resp:	287095
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	4.7	6.6	10.0#
68	4.1	5.1	7.7#

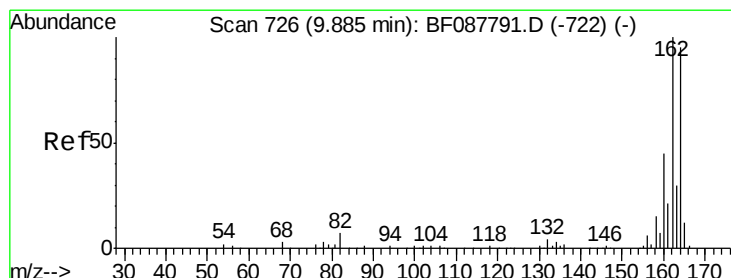
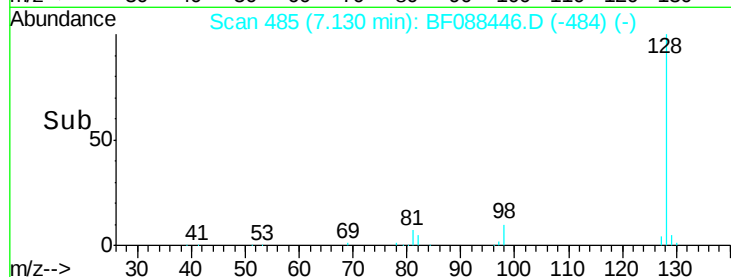
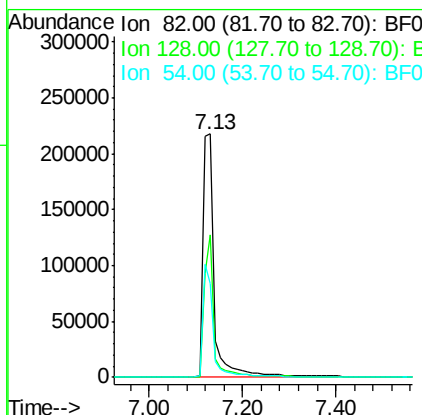
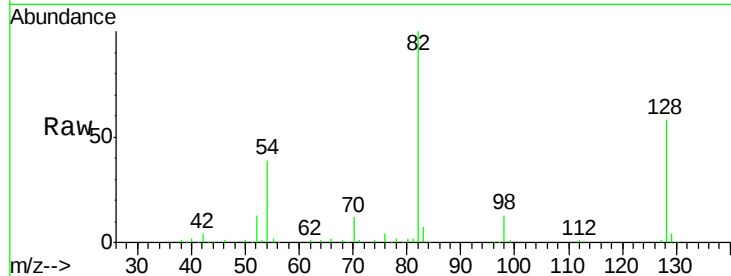




#23
Nitrobenzene-d5
Concen: 77.85 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.29 min
Lab File: BF088446.D
Acq: 27 Jun 2016 9:24

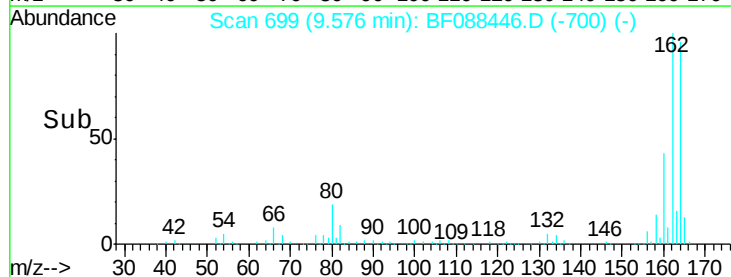
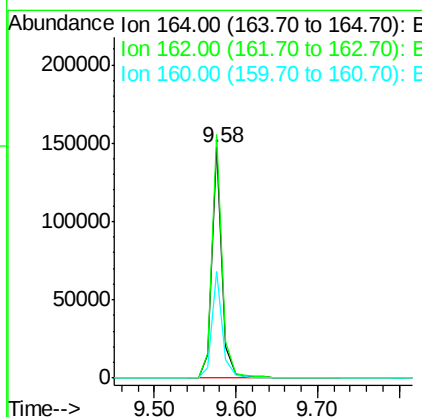
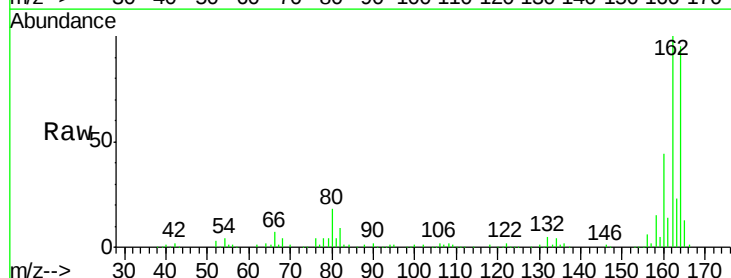
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 382743
Ion Ratio Lower Upper
82 100
128 58.3 35.9 53.9#
54 38.8 40.9 61.3#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.31 min
Lab File: BF088446.D
Acq: 27 Jun 2016 9:24

Tgt Ion:164 Resp: 130536
Ion Ratio Lower Upper
164 100
162 105.6 85.4 128.2
160 46.4 39.5 59.3

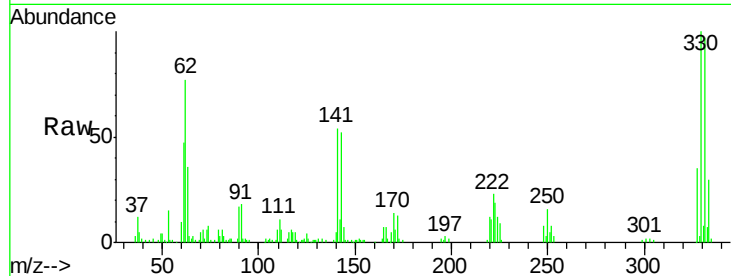




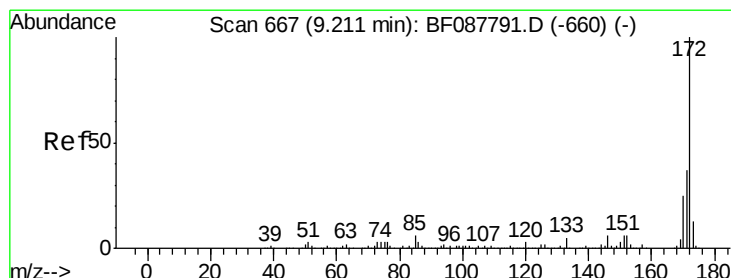
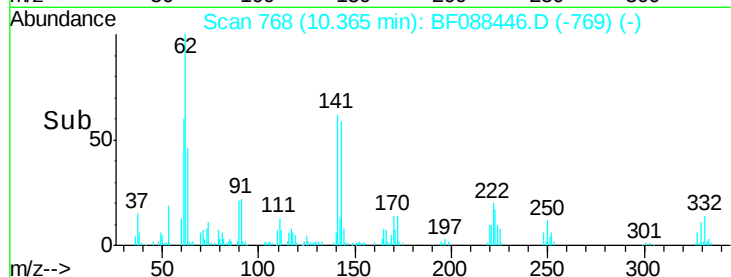
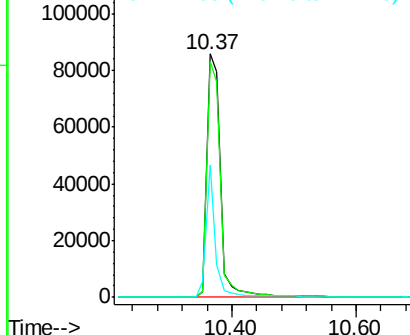
#41
 2,4,6-Tribromophenol
 Concen: 96.03 ng
 RT: 10.37 min Scan# 768
 Delta R.T. -0.31 min
 Lab File: BF088446.D
 Acq: 27 Jun 2016 9:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	0.0	0.0#
141	38.0	0.0	0.0#

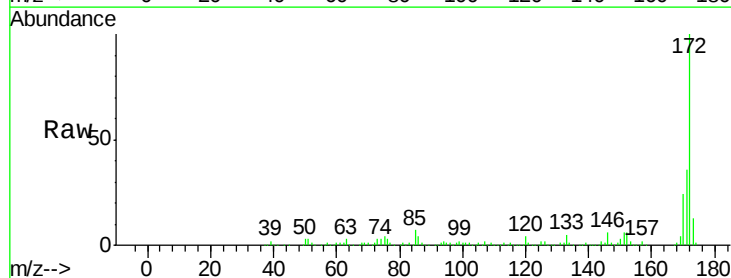


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

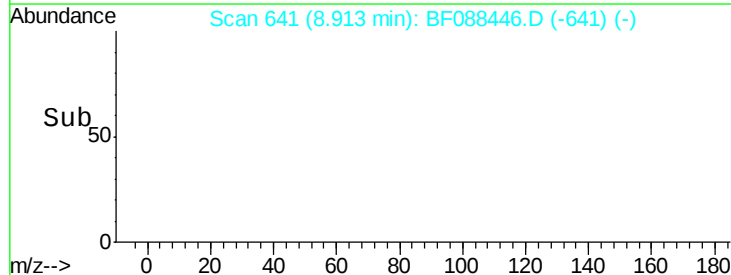
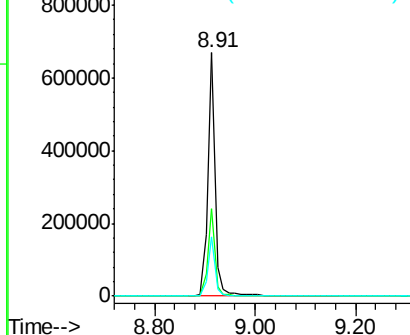


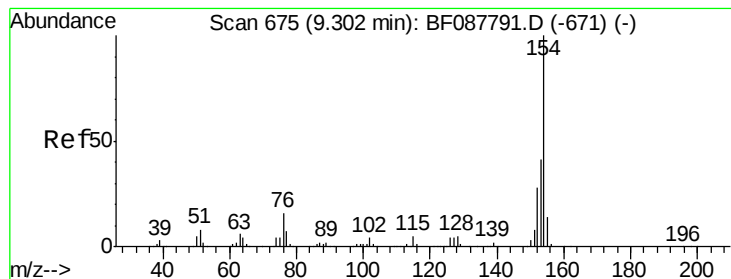
#44
 2-Fluorobiphenyl
 Concen: 81.78 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.30 min
 Lab File: BF088446.D
 Acq: 27 Jun 2016 9:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
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





#45

1,1'-Biphenyl

Concen: Below Cal

RT: 8.91 min Scan# 641

Delta R.T. -0.39 min

Lab File: BF088446.D

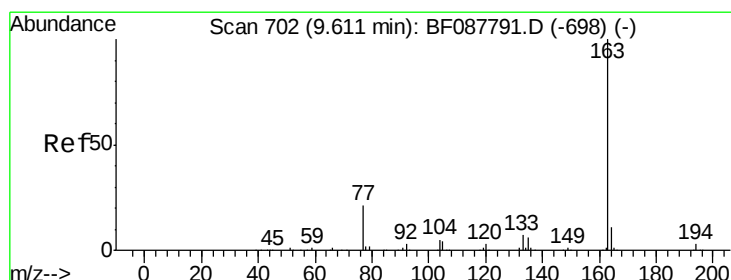
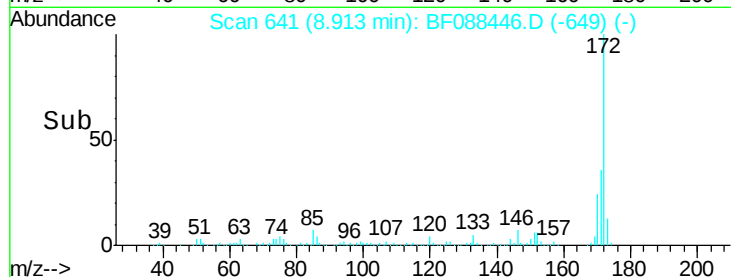
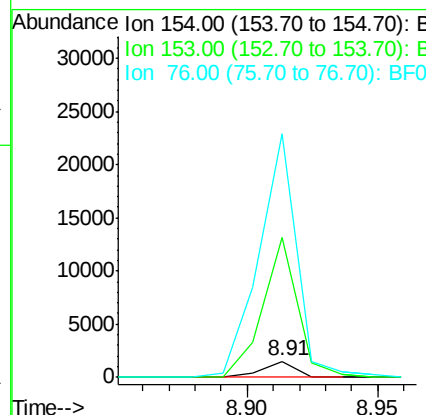
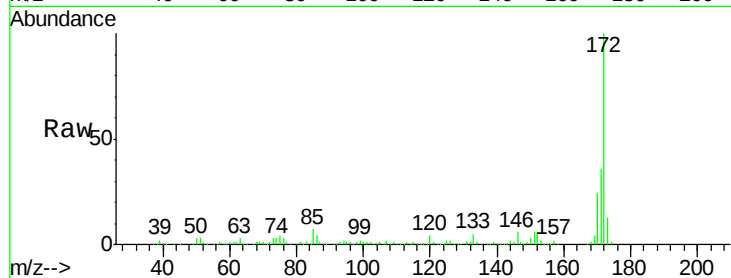
Acq: 27 Jun 2016 9:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion:154 Resp: 1350
 Ion Ratio Lower Upper
 154 100
 153 853.7 20.6 60.6#
 76 1484.4 0.0 35.1#



#49

Dimethylphthalate

Concen: 3.07 ng

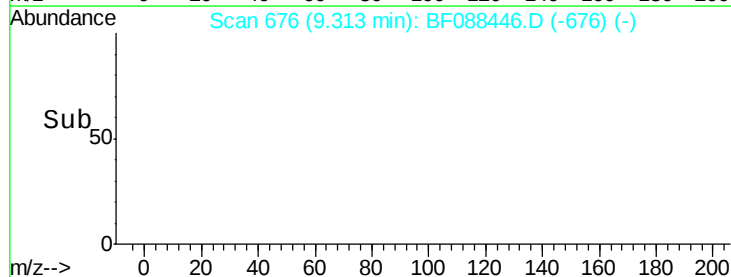
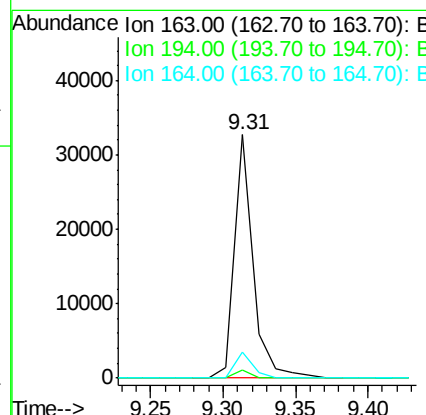
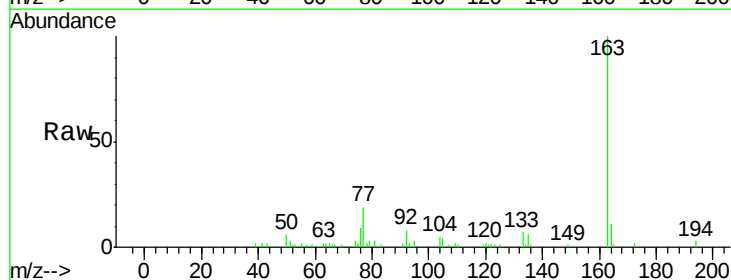
RT: 9.31 min Scan# 676

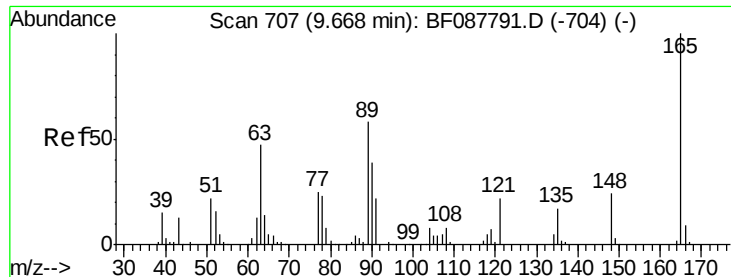
Delta R.T. -0.30 min

Lab File: BF088446.D

Acq: 27 Jun 2016 9:24

Tgt Ion:163 Resp: 29037
 Ion Ratio Lower Upper
 163 100
 194 3.2 2.8 4.2
 164 10.7 8.3 12.5

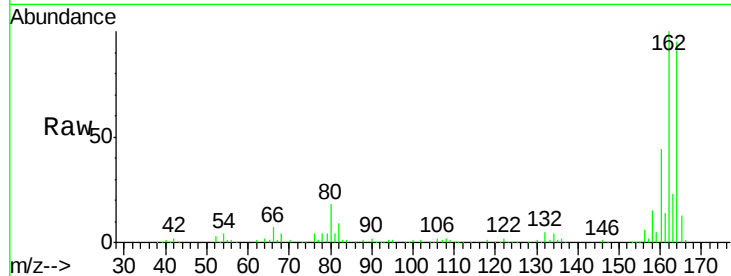




#50
 2,6-Dinitrotoluene
 Concen: 7.68 ng
 RT: 9.58 min Scan# 699
 Delta R.T. -0.09 min
 Lab File: BF088446.D
 Acq: 27 Jun 2016 9:24

Instrument :
 BNA_F
 ClientSampleId :

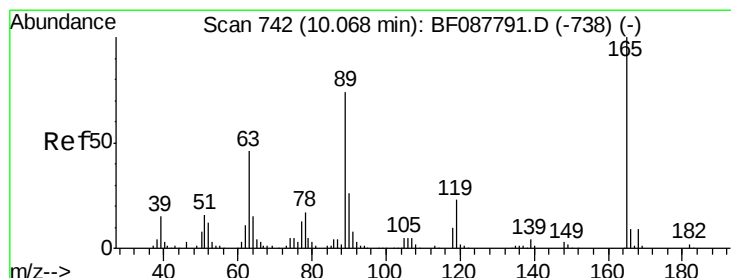
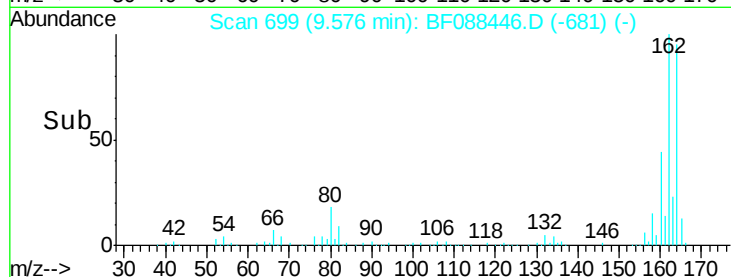
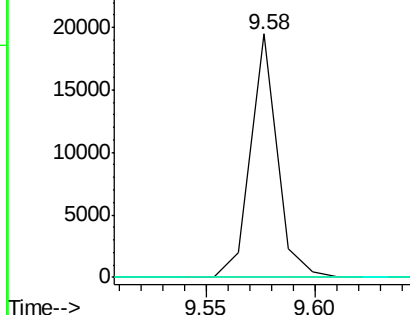
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.1	42.1#
89	0.0	32.2	48.2#



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



#56
 2,4-Dinitrotoluene
 Concen: 5.97 ng
 RT: 9.58 min Scan# 699
 Delta R.T. -0.49 min
 Lab File: BF088446.D
 Acq: 27 Jun 2016 9:24

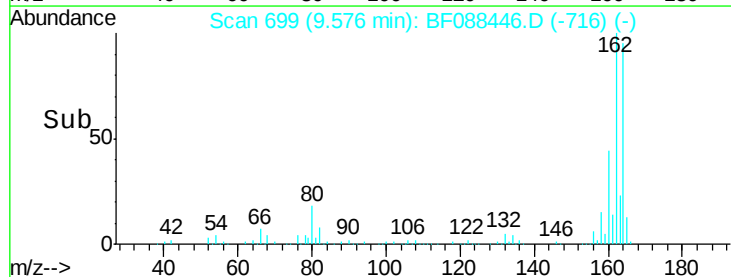
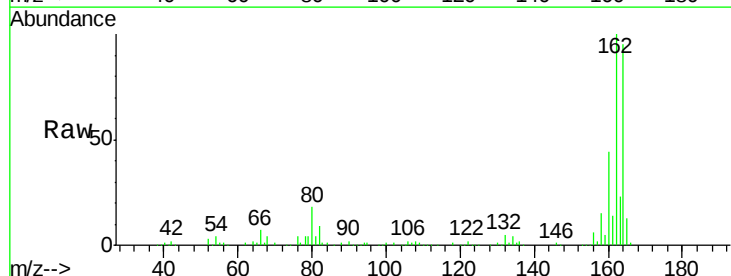
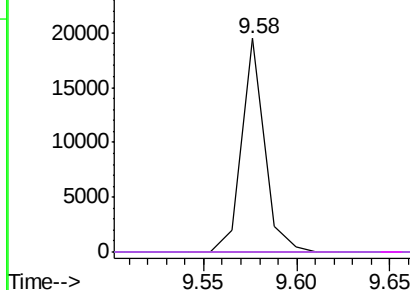
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.0	33.0#
89	0.0	41.1	61.7#
182	0.0	2.0	3.0#

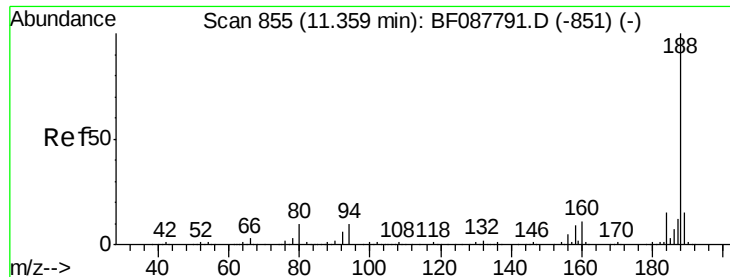
Abundance Ion 165.00 (164.70 to 165.70): E

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

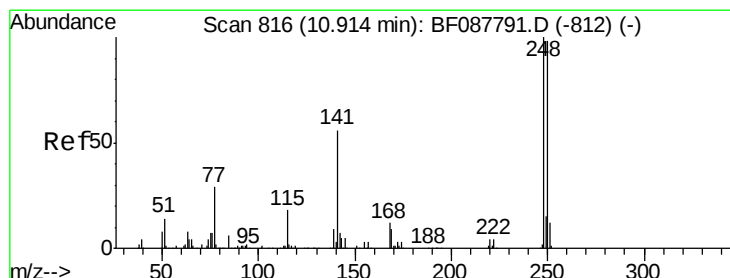
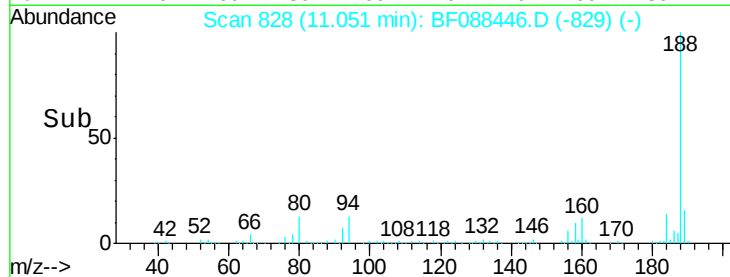
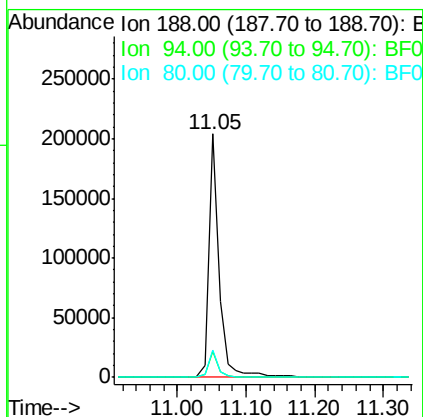
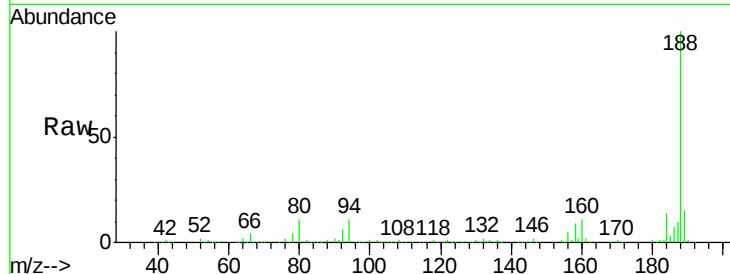




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.05 min Scan# 828
Delta R.T. -0.31 min
Lab File: BF088446.D
Acq: 27 Jun 2016 9:24

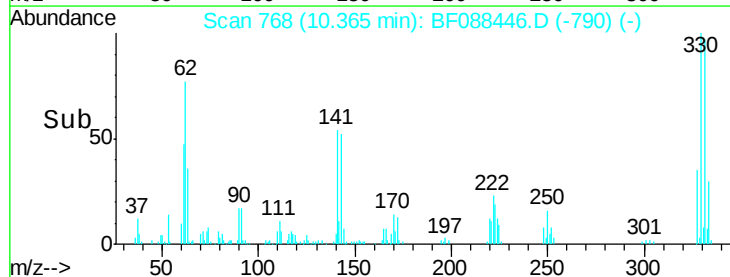
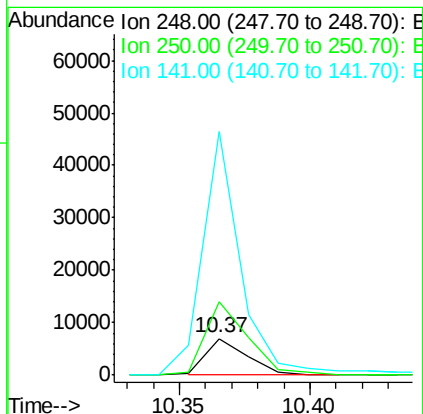
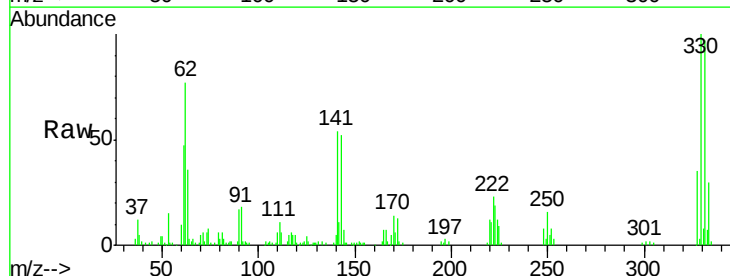
Instrument :
BNA_F
ClientSampleId :

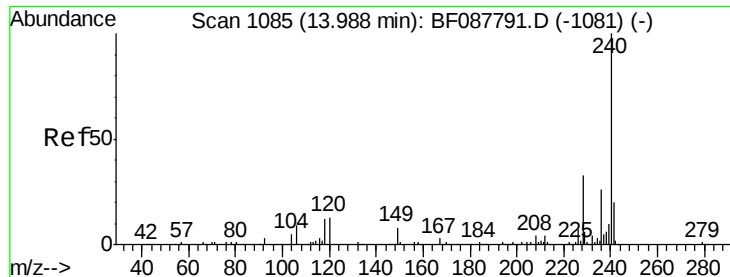
Tot Ion:188 Resp: 215245
Ion Ratio Lower Upper
188 100
94 10.9 9.0 13.6
80 11.0 10.0 15.0



#66
4-Bromophenyl-phenylether
Concen: 3.26 ng
RT: 10.37 min Scan# 768
Delta R.T. -0.55 min
Lab File: BF088446.D
Acq: 27 Jun 2016 9:24

Tgt Ion:248 Resp: 7538
Ion Ratio Lower Upper
248 100
250 200.1 77.1 115.7#
141 665.3 50.6 76.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.68 min Scan# 1058

Delta R.T. -0.31 min

Lab File: BF088446.D

Acq: 27 Jun 2016 9:24

Instrument :

BNA_F

ClientSampleId :

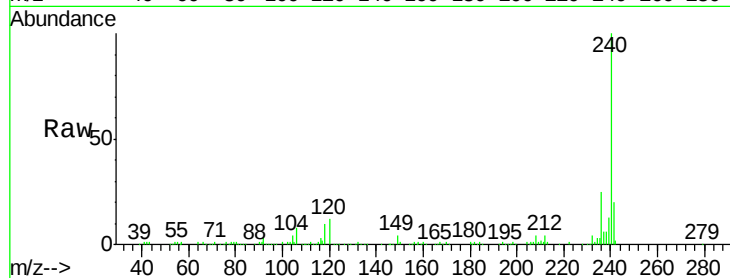
Tot Ion:240 Resp: 162304

Ion Ratio Lower Upper

240 100

120 11.7 6.8 10.2#

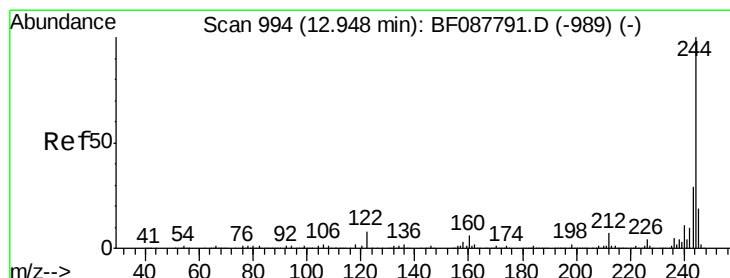
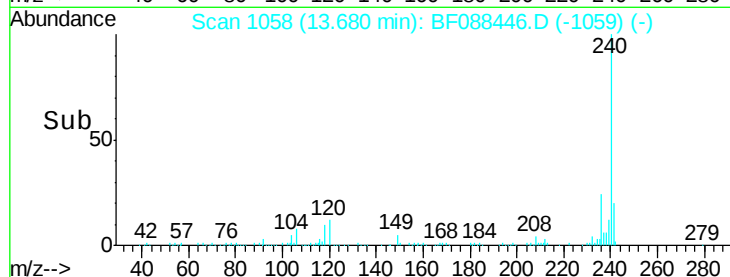
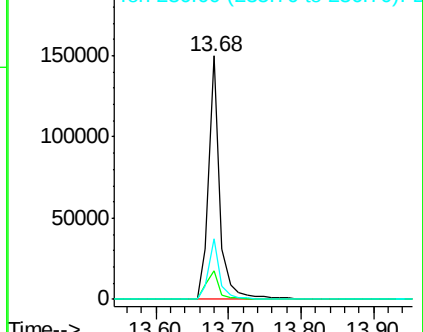
236 24.8 20.2 30.2



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: 73.01 ng

RT: 12.64 min Scan# 967

Delta R.T. -0.31 min

Lab File: BF088446.D

Acq: 27 Jun 2016 9:24

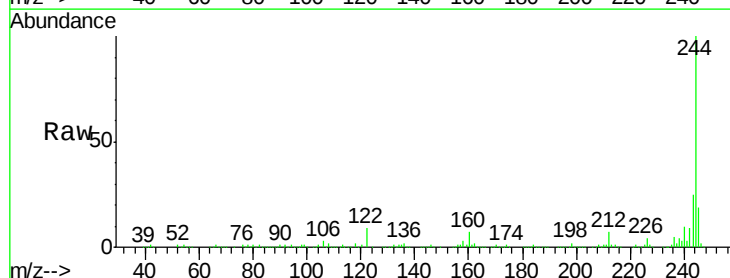
Tgt Ion:244 Resp: 520766

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

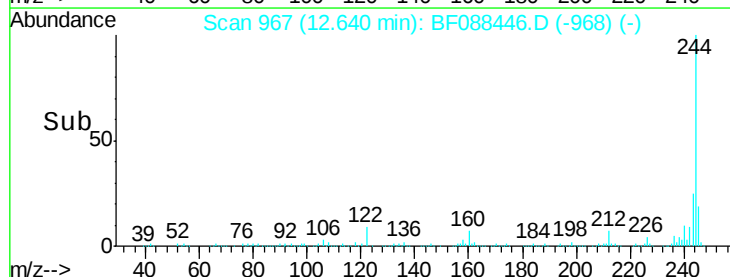
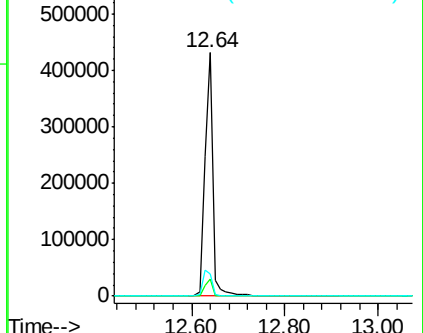
122 9.3 11.2 16.8#

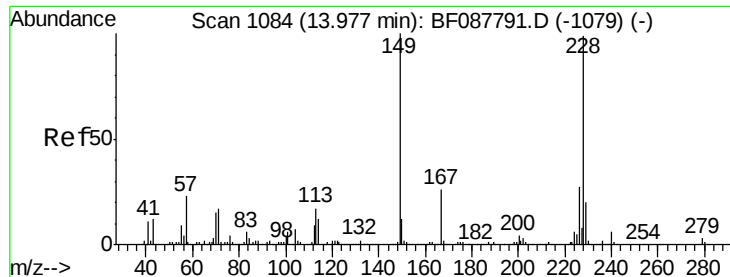


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

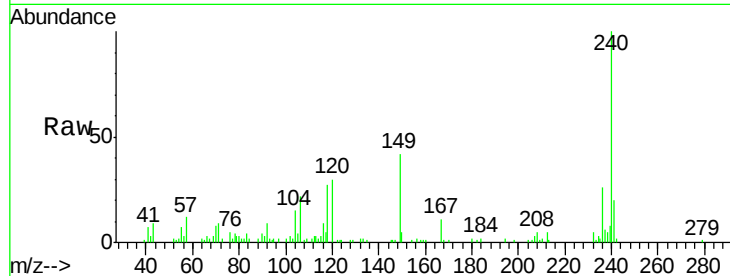




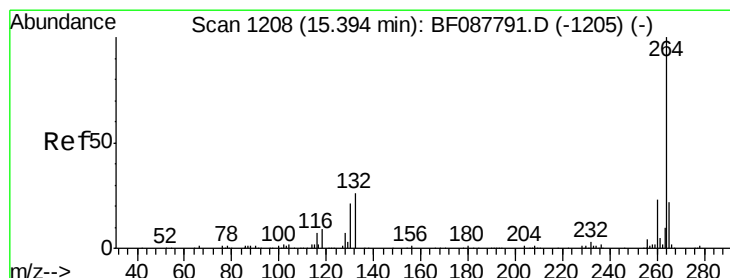
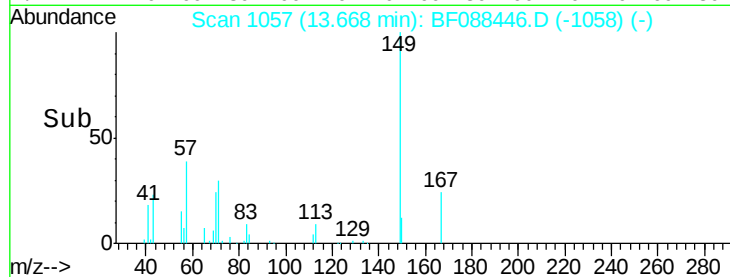
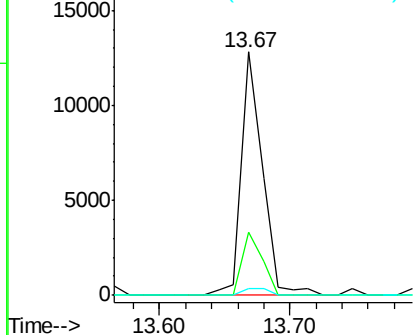
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.21 ng
 RT: 13.67 min Scan# 1057
 Delta R.T. -0.31 min
 Lab File: BF088446.D
 Acq: 27 Jun 2016 9:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 14316
 Ion Ratio Lower Upper
 149 100
 167 25.9 20.5 30.7
 279 2.7 2.0 3.0

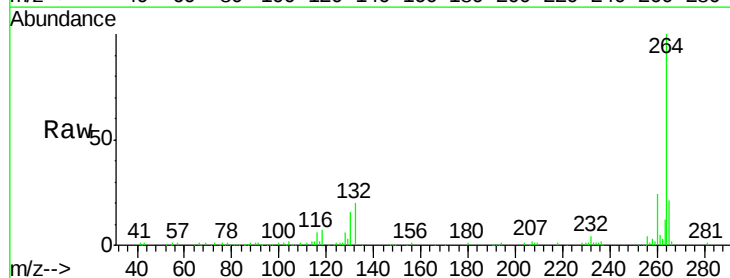


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.03 min Scan# 1176
 Delta R.T. -0.37 min
 Lab File: BF088446.D
 Acq: 27 Jun 2016 9:24

Tgt Ion:264 Resp: 134723
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.2 16.9 25.3



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

