

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062216\
 Data File : BF088278.D
 Acq On : 23 Jun 2016 6:31
 Operator : UM/SJ
 Sample : H3065-05
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 23 07:11:50 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

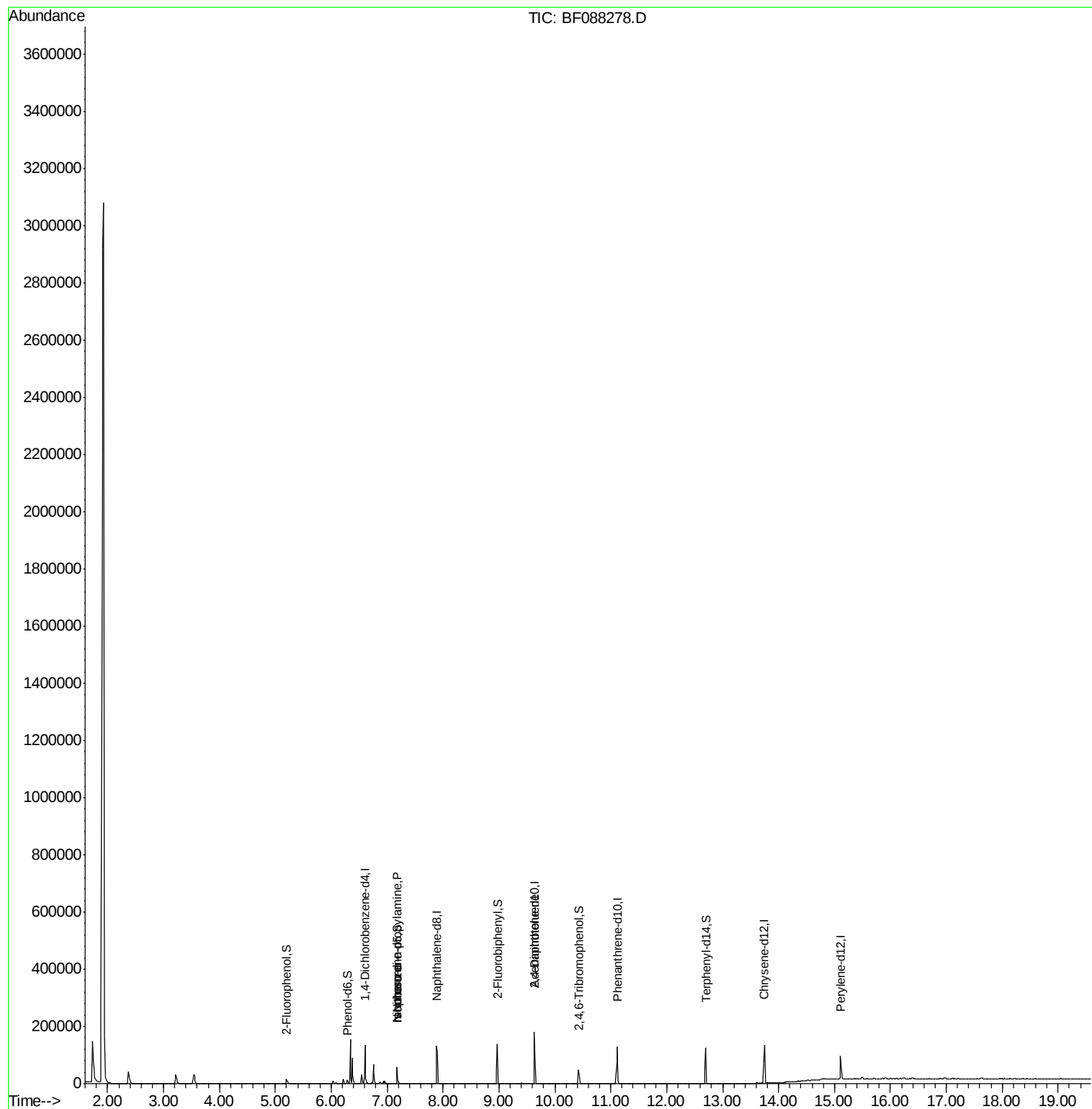
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	23689	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	94792	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	41445	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	63590	20.00	ng	0.00
75) Chrysene-d12	13.75	240	56907	20.00	ng	0.00
86) Perylene-d12	15.11	264	36653	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	11814	8.53	ng	0.02
7) Phenol-d6	6.28	99	8719	5.19	ng	0.02
23) Nitrobenzene-d5	7.18	82	22163	13.65	ng	0.00
41) 2,4,6-Tribromophenol	10.43	330	7607	17.38	ng	0.00
44) 2-Fluorobiphenyl	8.97	172	51245	14.85	ng	0.00
78) Terphenyl-d14	12.70	244	46551	18.61	ng	0.00
Target Compounds						
10) Phenol	6.22	94	277	Below Cal	#	44
19) n-Nitroso-di-n-propylamine	7.18	70	2579	2.40	ng	# 74
25) Isophorone	7.18	82	22162	7.37	ng	# 65
56) 2,4-Dinitrotoluene	9.63	165	5237	5.93	ng	# 36
57) Fluorene	10.42	166	307	Below Cal	#	93

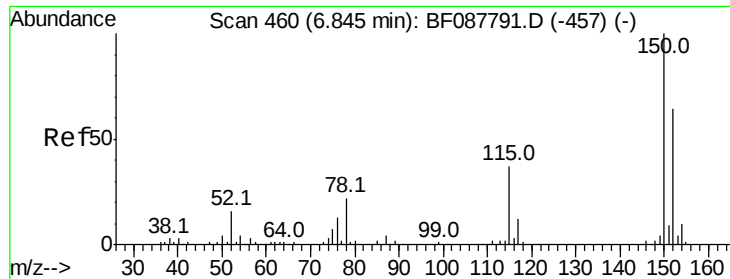
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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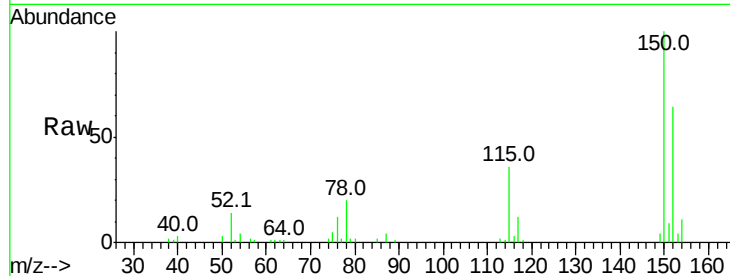


#1

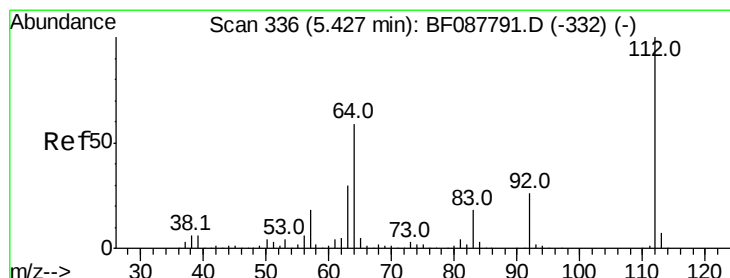
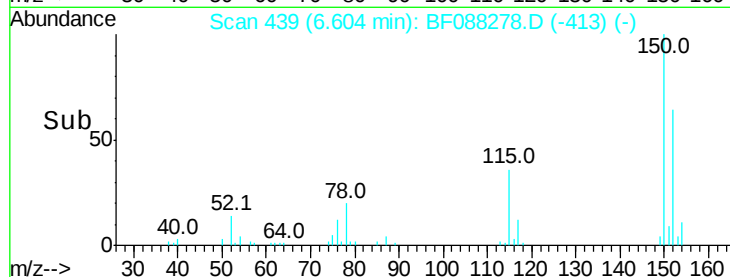
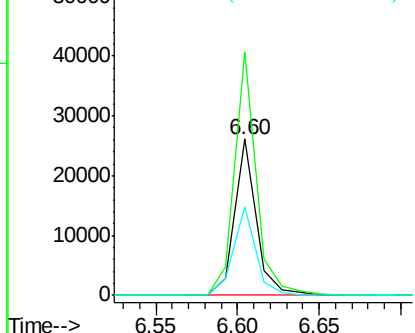
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 439
Delta R.T. -0.00 min
Lab File: BF088278.D
Acq: 23 Jun 2016 6:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 23689
Ion Ratio Lower Upper
152 100
150 155.7 123.8 185.6
115 56.8 39.6 59.4



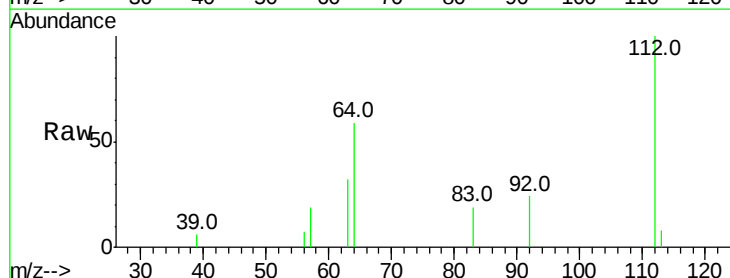
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



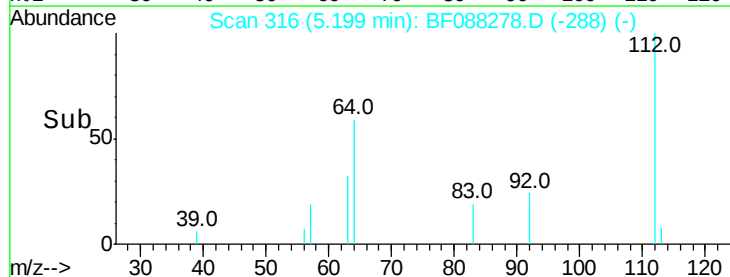
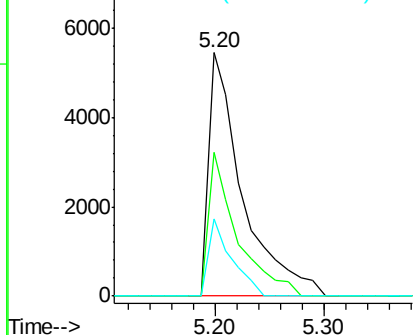
#5

2-Fluorophenol
Concen: 8.53 ng
RT: 5.20 min Scan# 316
Delta R.T. 0.02 min
Lab File: BF088278.D
Acq: 23 Jun 2016 6:31

Tgt Ion:112 Resp: 11814
Ion Ratio Lower Upper
112 100
64 59.1 42.2 63.2
63 31.7 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: 5.19 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.02 min

Lab File: BF088278.D

Acq: 23 Jun 2016 6:31

Instrument :

BNA_F

ClientSampleId :

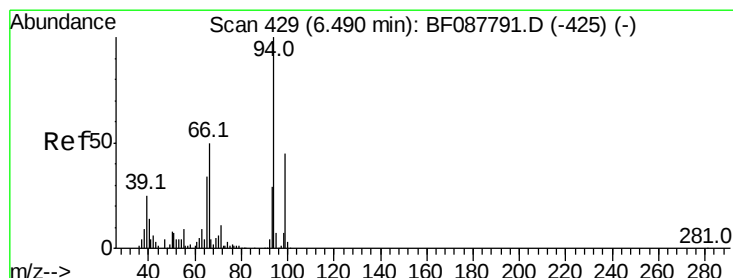
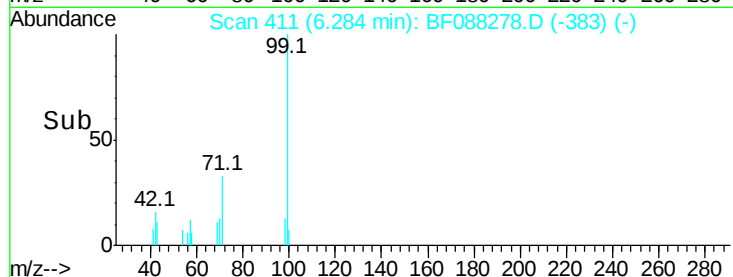
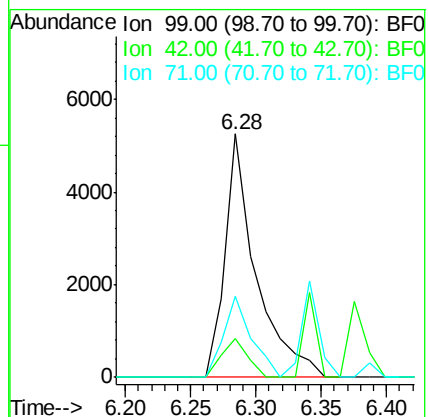
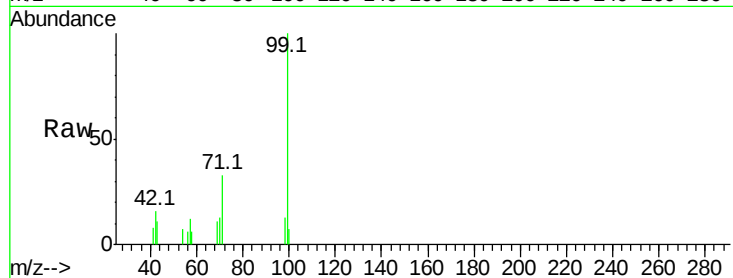
Tot Ion: 99 Resp: 8719

Ion Ratio Lower Upper

99 100

42 16.0 12.2 18.2

71 33.4 23.4 35.0



#10

Phenol

Concen: Below Cal

RT: 6.22 min Scan# 405

Delta R.T. -0.06 min

Lab File: BF088278.D

Acq: 23 Jun 2016 6:31

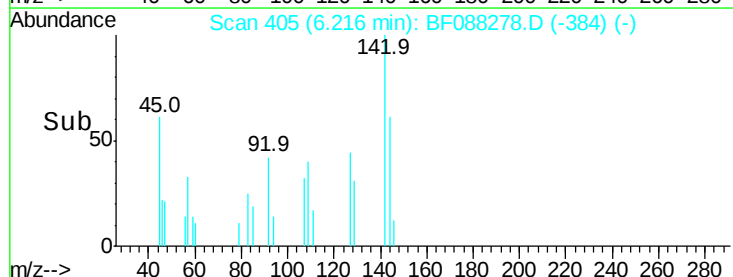
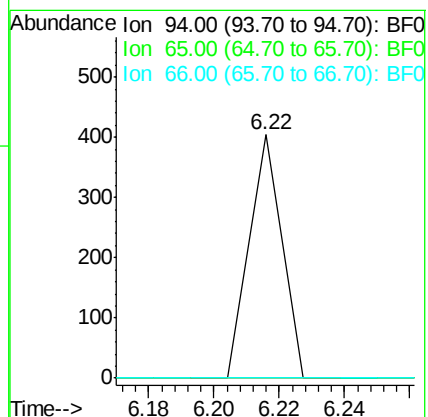
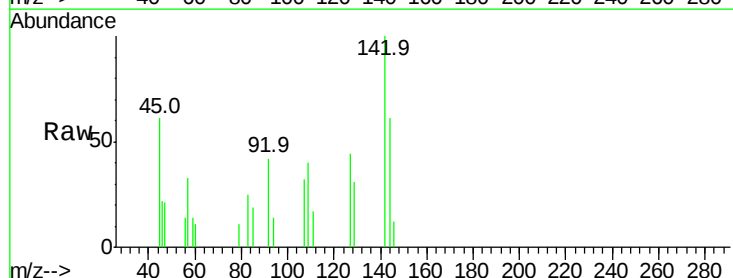
Tgt Ion: 94 Resp: 277

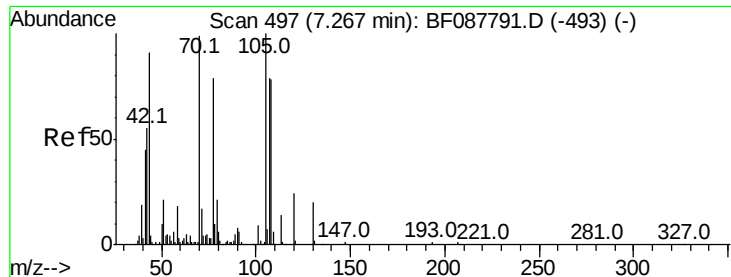
Ion Ratio Lower Upper

94 100

65 0.0 5.9 45.9#

66 0.0 14.0 54.0#

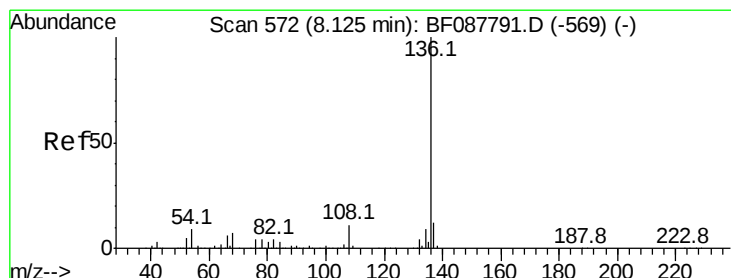
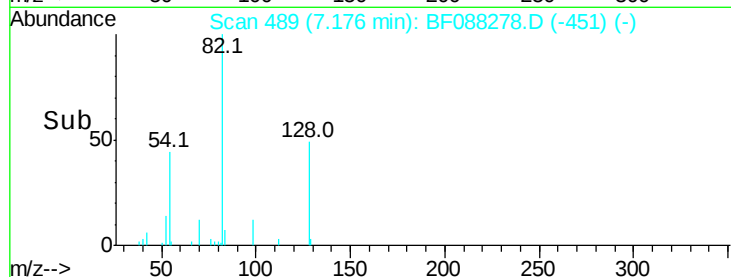
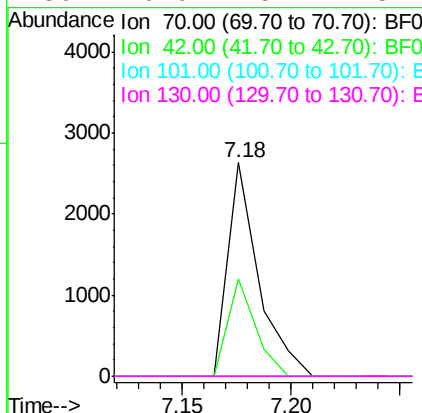
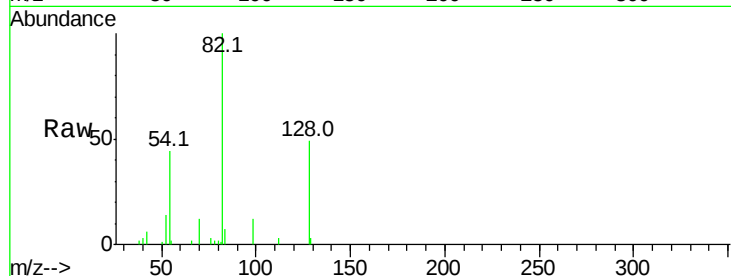




#19
n-Nitroso-di-n-propylamine
Concen: 2.40 ng
RT: 7.18 min Scan# 489
Delta R.T. 0.14 min
Lab File: BF088278.D
Acq: 23 Jun 2016 6:31

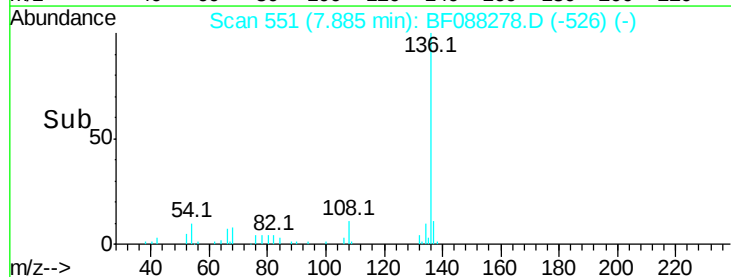
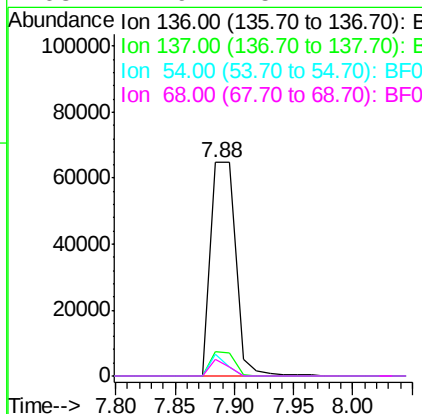
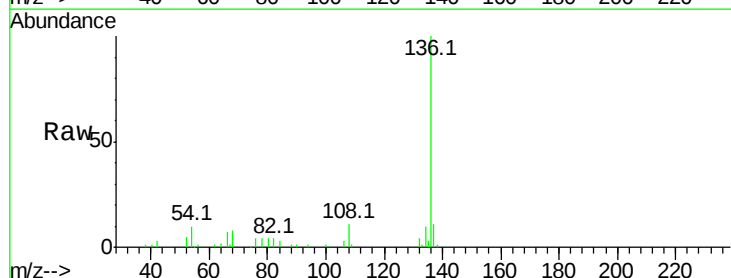
Instrument :
BNA_F
ClientSampleId :

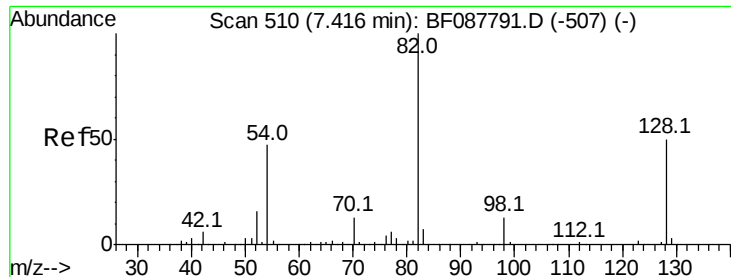
Tot Ion: 70 Resp: 2579
Ion Ratio Lower Upper
70 100
42 45.4 49.6 74.4#
101 0.0 7.1 10.7#
130 0.0 15.4 23.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF088278.D
Acq: 23 Jun 2016 6:31

Tgt Ion: 136 Resp: 94792
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 10.5 6.6 10.0#
68 7.9 5.1 7.7#

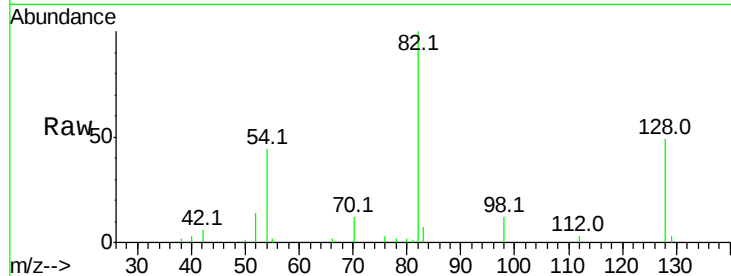




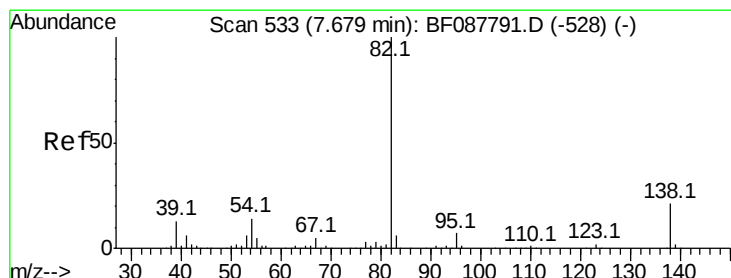
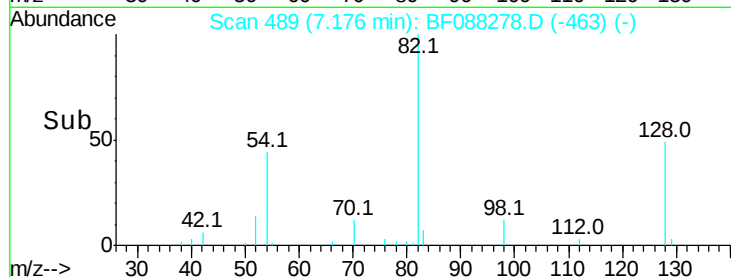
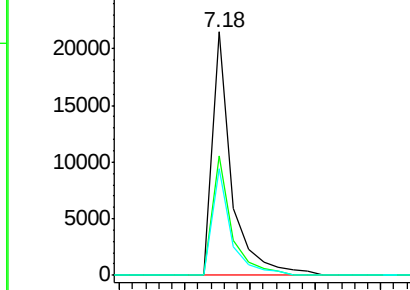
#23
Nitrobenzene-d5
Concen: 13.65 ng
RT: 7.18 min Scan# 489
Delta R.T. -0.00 min
Lab File: BF088278.D
Acq: 23 Jun 2016 6:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 22163
Ion Ratio Lower Upper
82 100
128 48.9 35.9 53.9
54 43.7 40.9 61.3

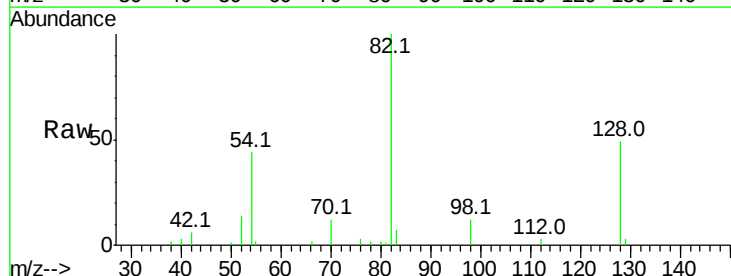


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

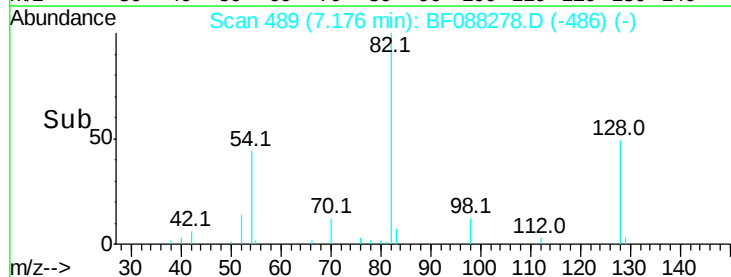
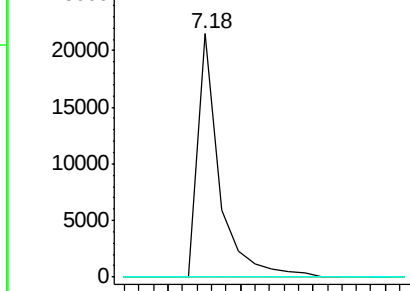


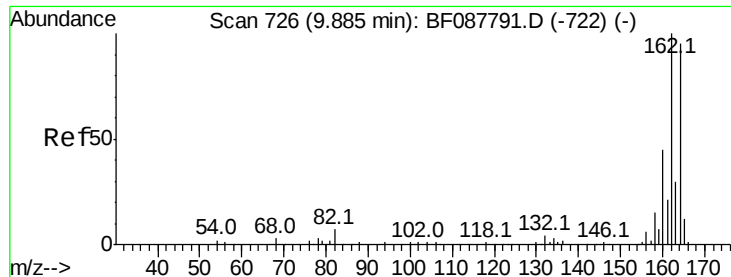
#25
Isophorone
Concen: 7.37 ng
RT: 7.18 min Scan# 489
Delta R.T. -0.26 min
Lab File: BF088278.D
Acq: 23 Jun 2016 6:31

Tgt Ion: 82 Resp: 22162
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 14.6 21.8#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

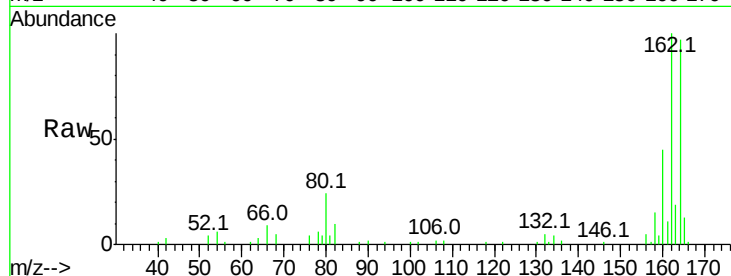




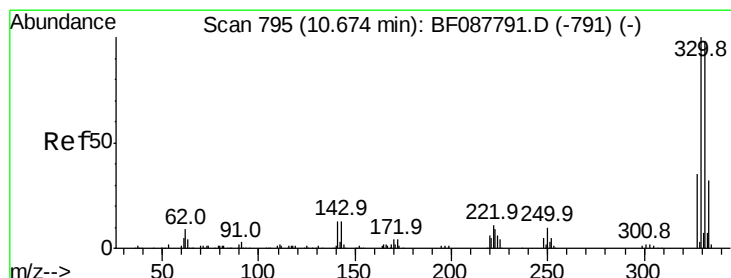
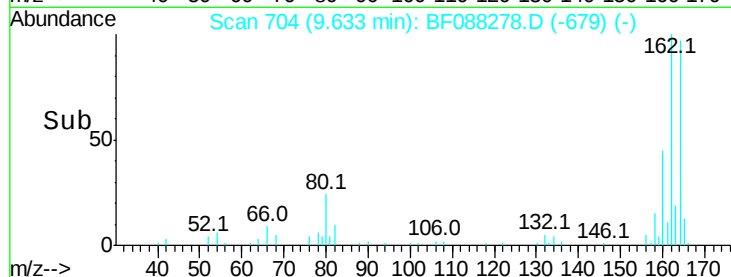
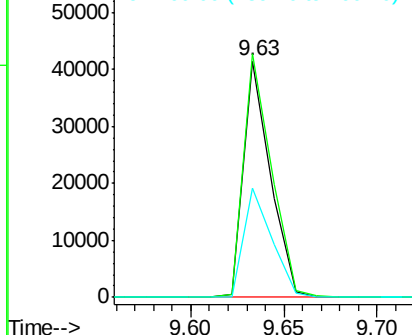
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.63 min Scan# 704
Delta R.T. -0.01 min
Lab File: BF088278.D
Acq: 23 Jun 2016 6:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 41445
Ion Ratio Lower Upper
164 100
162 103.1 85.4 128.2
160 46.1 39.5 59.3

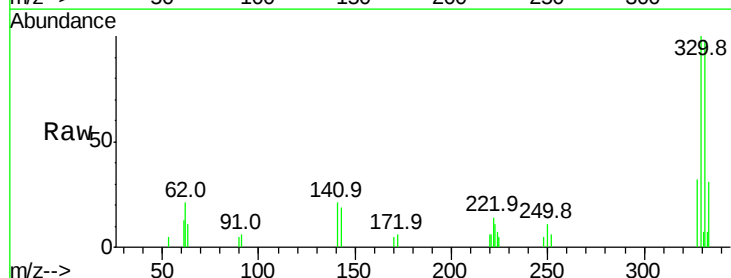


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

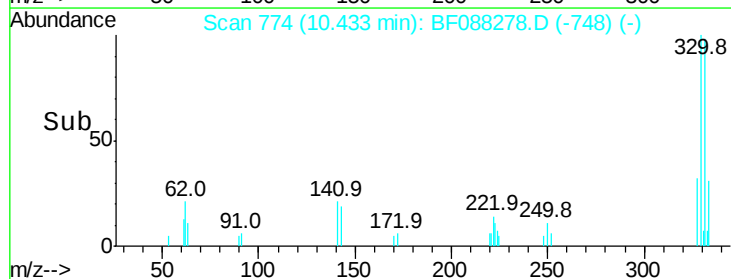
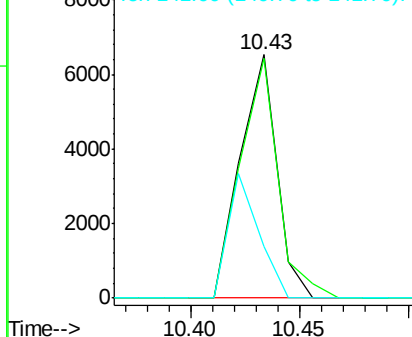


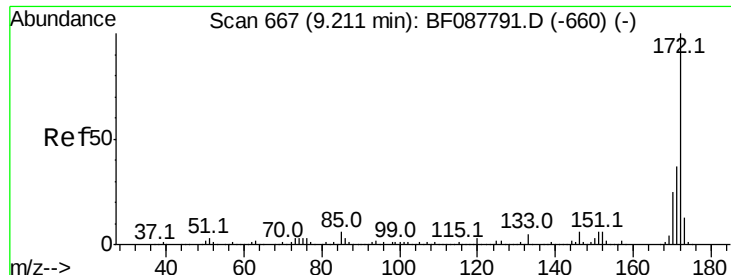
#41
2,4,6-Tribromophenol
Concen: 17.38 ng
RT: 10.43 min Scan# 774
Delta R.T. -0.00 min
Lab File: BF088278.D
Acq: 23 Jun 2016 6:31

Tgt Ion:330 Resp: 7607
Ion Ratio Lower Upper
330 100
332 101.5 0.0 0.0#
141 42.3 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

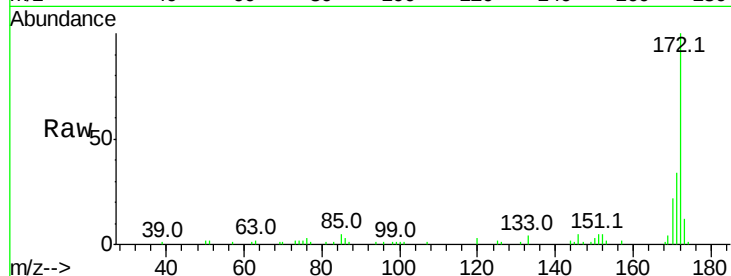




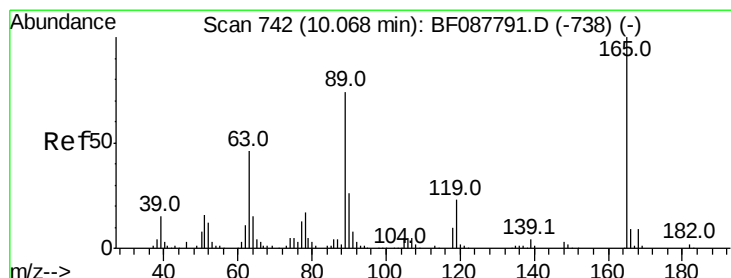
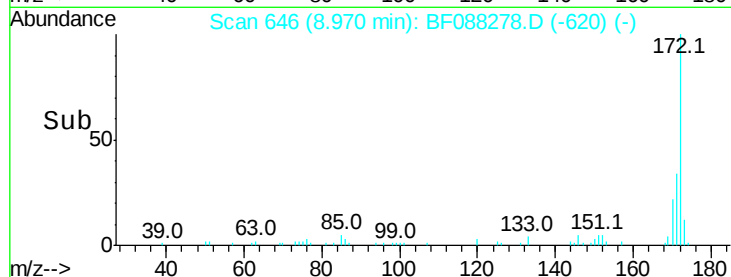
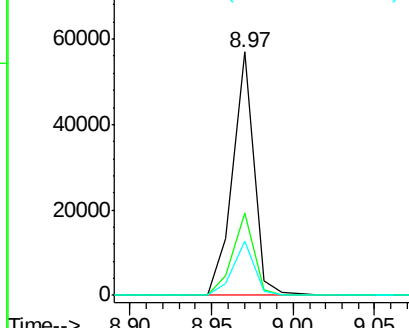
#44
 2-Fluorobiphenyl
 Concen: 14.85 ng
 RT: 8.97 min Scan# 646
 Delta R.T. -0.00 min
 Lab File: BF088278.D
 Acq: 23 Jun 2016 6:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	33.9	28.6	43.0
170	22.4	19.2	28.8

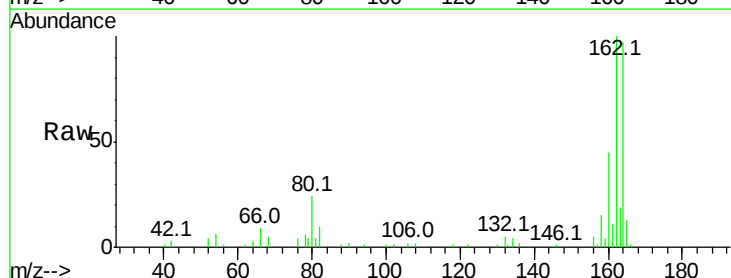


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

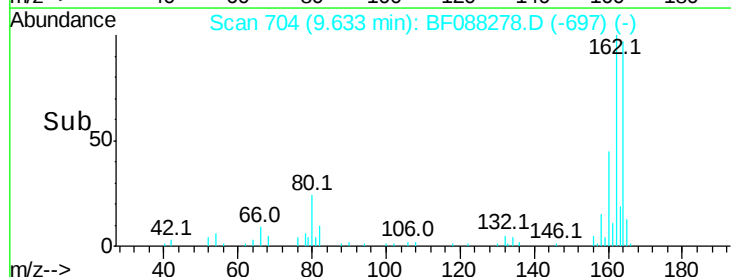
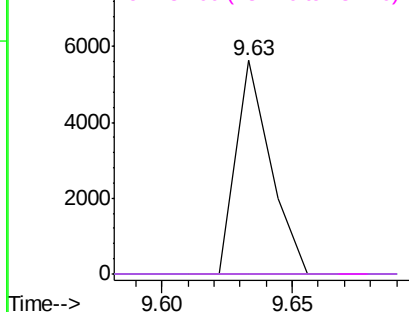


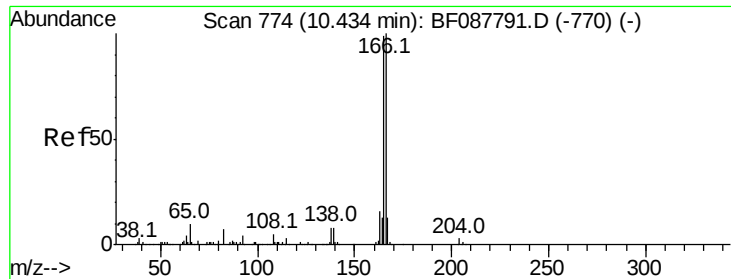
#56
 2,4-Dinitrotoluene
 Concen: 5.93 ng
 RT: 9.63 min Scan# 704
 Delta R.T. -0.22 min
 Lab File: BF088278.D
 Acq: 23 Jun 2016 6:31

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

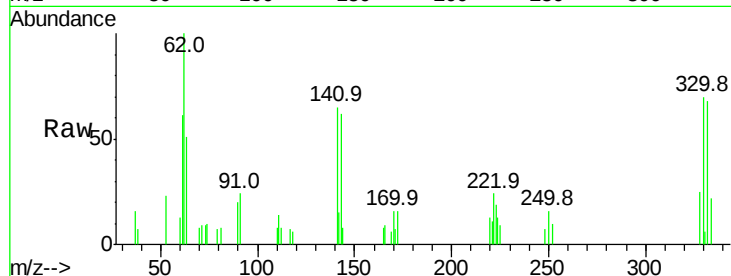




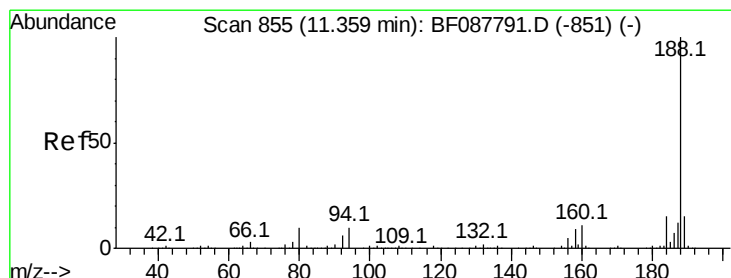
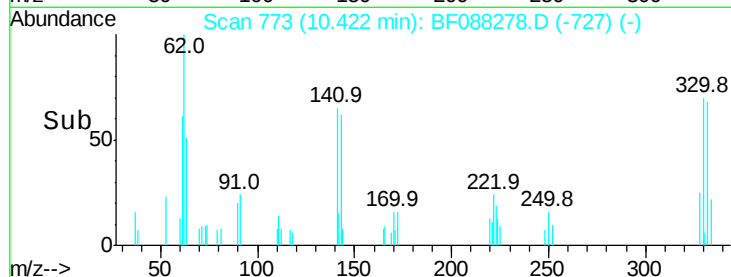
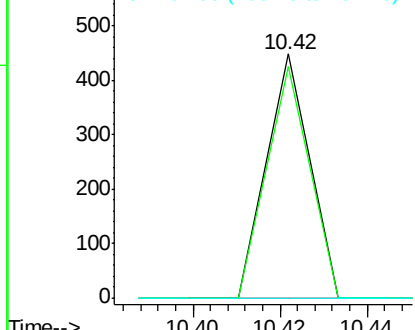
#57
Fluorene
 Concen: Below Cal
 RT: 10.42 min Scan# 773
 Delta R.T. 0.23 min
 Lab File: BF088278.D
 Acq: 23 Jun 2016 6:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 307
 Ion Ratio Lower Upper
 166 100
 165 94.6 77.8 116.8
 167 0.0 11.2 16.8#

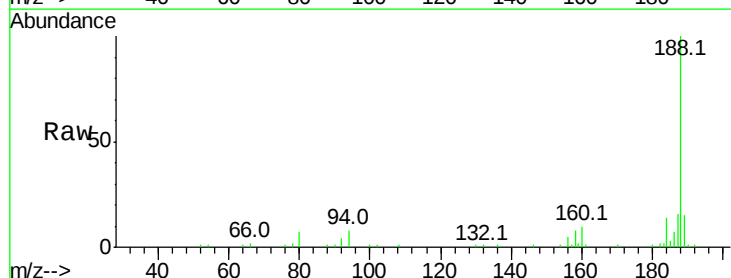


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

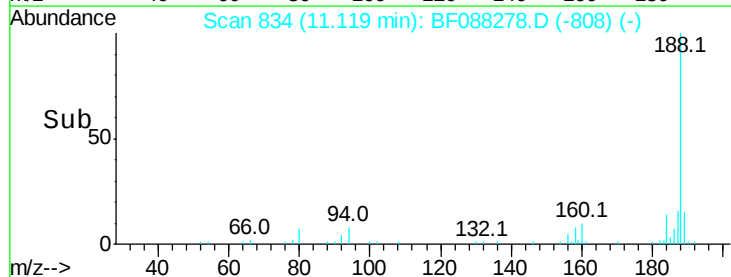
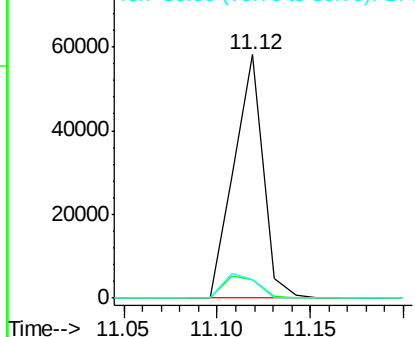


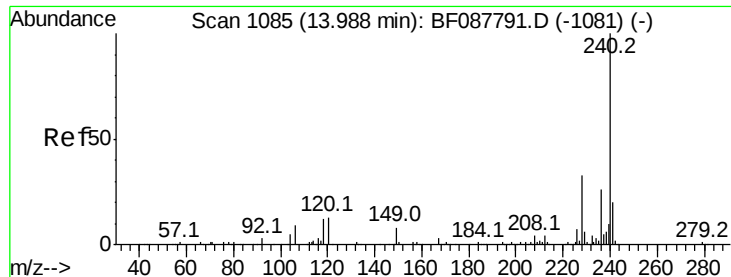
#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.12 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: BF088278.D
 Acq: 23 Jun 2016 6:31

Tgt Ion:188 Resp: 63590
 Ion Ratio Lower Upper
 188 100
 94 7.5 9.0 13.6#
 80 7.5 10.0 15.0#



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.00 min

Lab File: BF088278.D

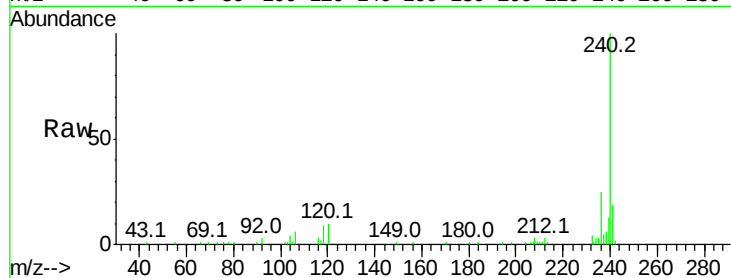
Acq: 23 Jun 2016 6:31

Instrument :

BNA_F

ClientSampleId :

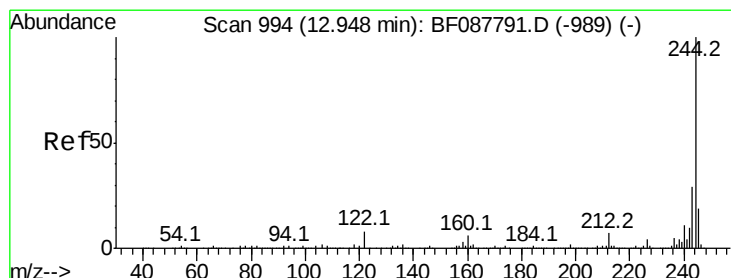
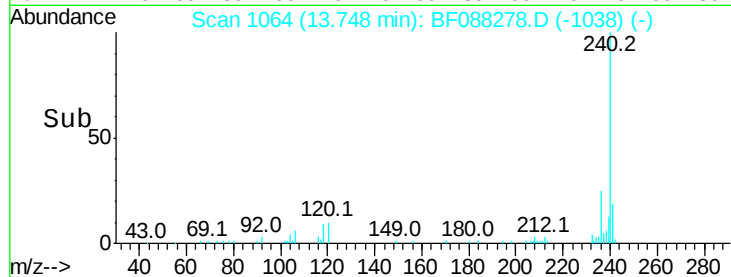
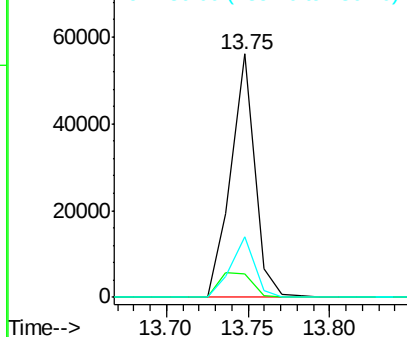
Tot Ion:240	Resp:	56907
Ion Ratio	Lower	Upper
240	100	
120	9.9	6.8 10.2
236	25.1	20.2 30.2



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: 18.61 ng

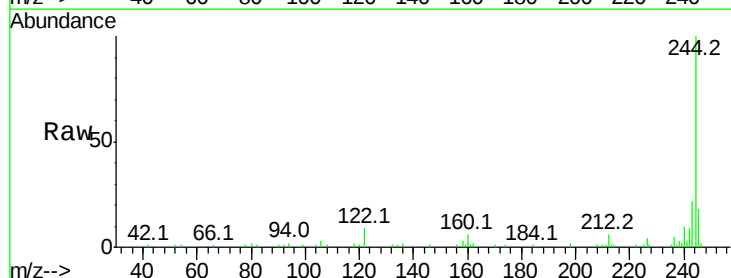
RT: 12.70 min Scan# 972

Delta R.T. -0.00 min

Lab File: BF088278.D

Acq: 23 Jun 2016 6:31

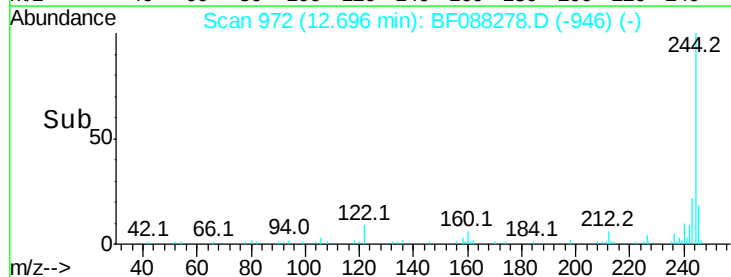
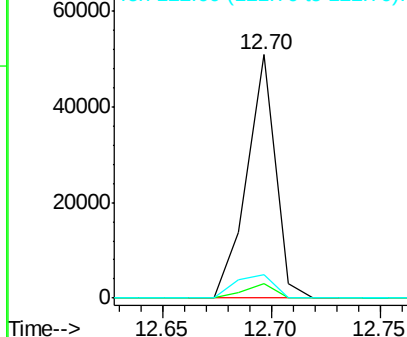
Tgt Ion:244	Resp:	46551
Ion Ratio	Lower	Upper
244	100	
212	6.1	6.0 9.0
122	9.5	11.2 16.8#

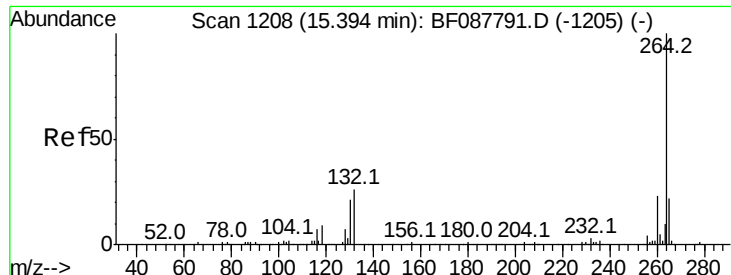


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

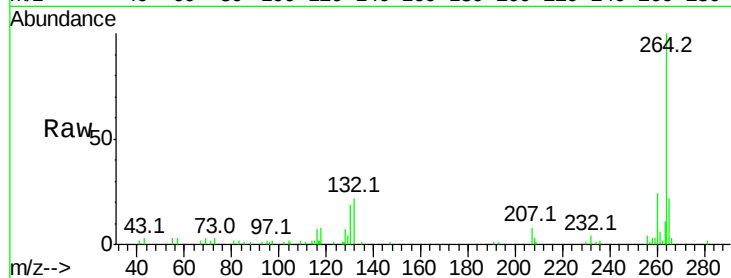




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.11 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BF088278.D
 Acq: 23 Jun 2016 6:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.9	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

