

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120716\
 Data File : BF091498.D
 Acq On : 8 Dec 2016 5:31
 Operator : UM/SJ
 Sample : H5867-08
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-05-01

Quant Time: Dec 08 06:30:53 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 08 00:35:13 2016
 Response via : Initial Calibration

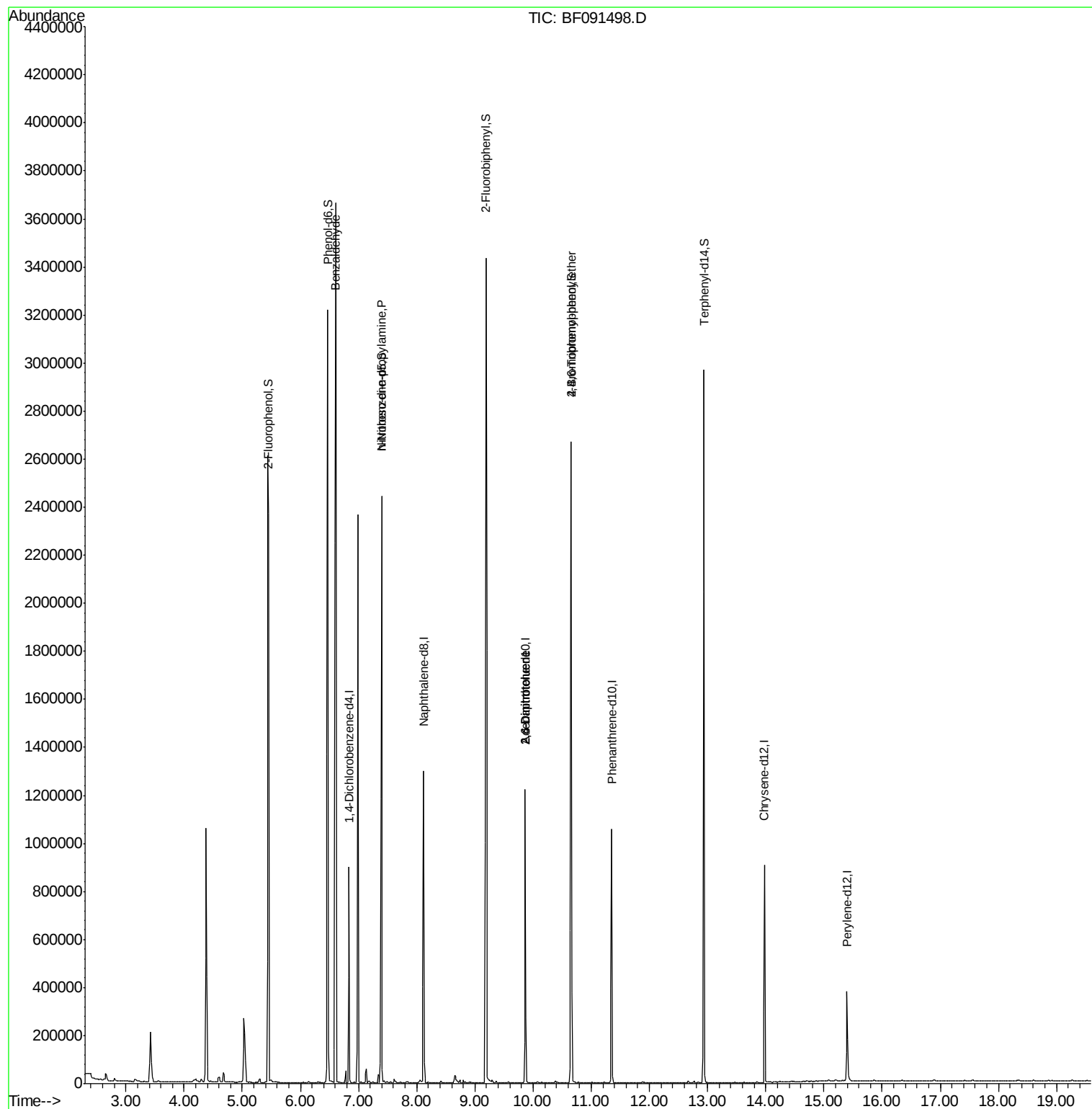
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	150173	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	581063	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	265678	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	436640	20.00	ng	0.00
75) Chrysene-d12	13.98	240	330610	20.00	ng	0.00
86) Perylene-d12	15.40	264	144964	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	992179	107.93	ng	0.02
7) Phenol-d6	6.47	99	1000878	88.45	ng	0.00
23) Nitrobenzene-d5	7.40	82	831999	80.24	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	309241	122.95	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1498516	102.13	ng	-0.01
78) Terphenyl-d14	12.94	244	1251016	82.24	ng	0.00
Target Compounds						
9) Benzaldehyde	6.61	77	27221	3.74	ng	Qvalue 94
19) n-Nitroso-di-n-propylamine	7.40	70	114046	16.00	ng	# 72
50) 2,6-Dinitrotoluene	9.86	165	33715	9.38	ng	# 17
56) 2,4-Dinitrotoluene	9.86	165	33716	7.23	ng	# 34
66) 4-Bromophenyl-phenylether	10.65	248	19484	4.15	ng	# 1

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

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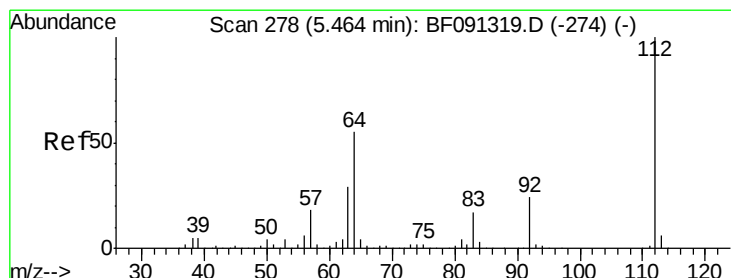
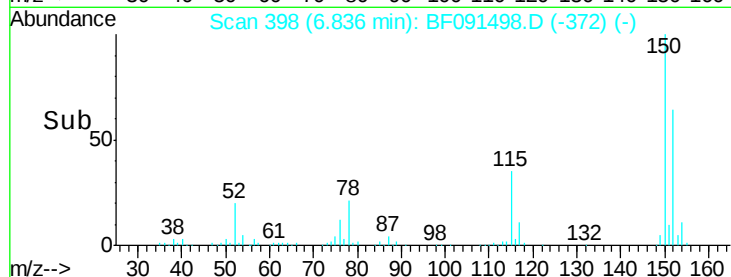
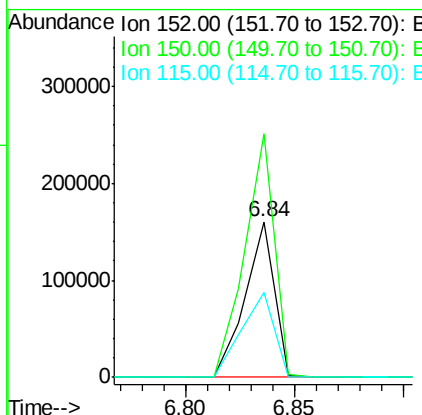
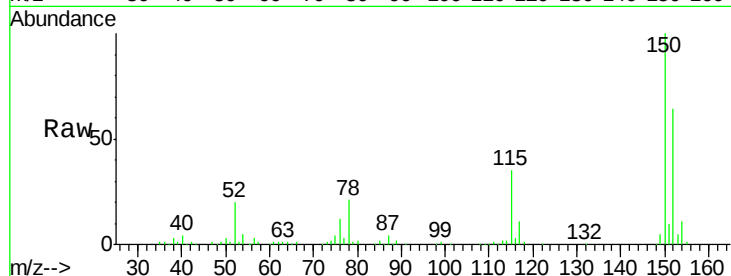




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.84 min Scan# 398
 Delta R.T. -0.00 min
 Lab File: BF091498.D
 Acq: 8 Dec 2016 5:31

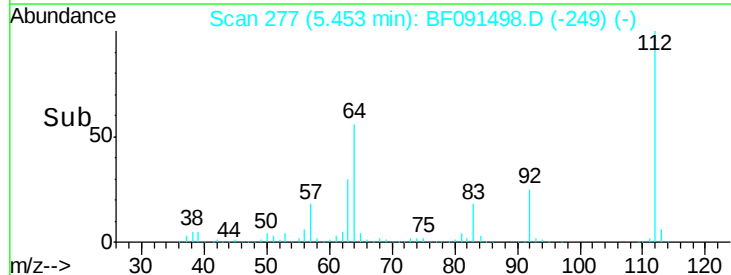
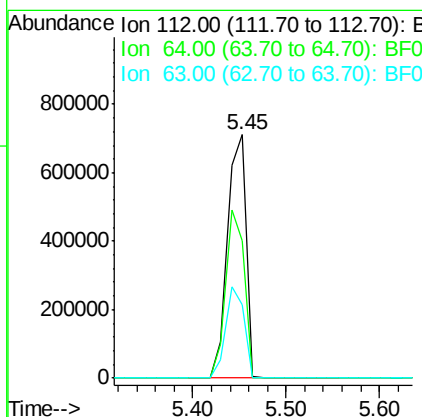
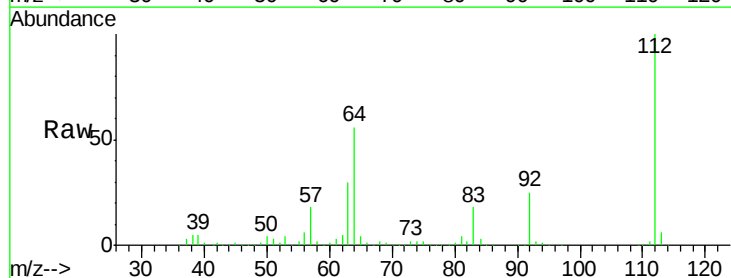
Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-05-01

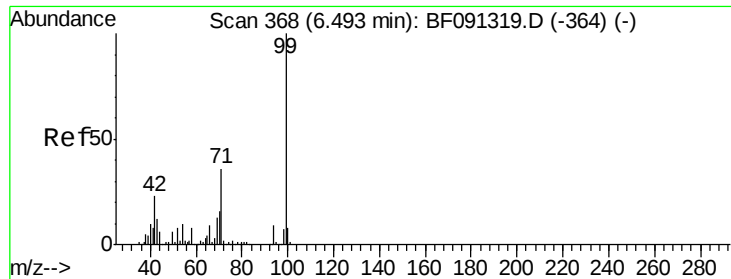
Tgt Ion:152 Resp: 150173
 Ion Ratio Lower Upper
 152 100
 150 156.7 122.5 183.7
 115 54.5 51.8 77.8



#5
 2-Fluorophenol
 Concen: 107.93 ng
 RT: 5.45 min Scan# 277
 Delta R.T. 0.02 min
 Lab File: BF091498.D
 Acq: 8 Dec 2016 5:31

Tgt Ion:112 Resp: 992179
 Ion Ratio Lower Upper
 112 100
 64 56.3 61.5 92.3#
 63 29.9 33.3 49.9#





#7

Phenol-d6

Concen: 88.45 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.00 min

Lab File: BF091498.D

Acq: 8 Dec 2016 5:31

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-05-01

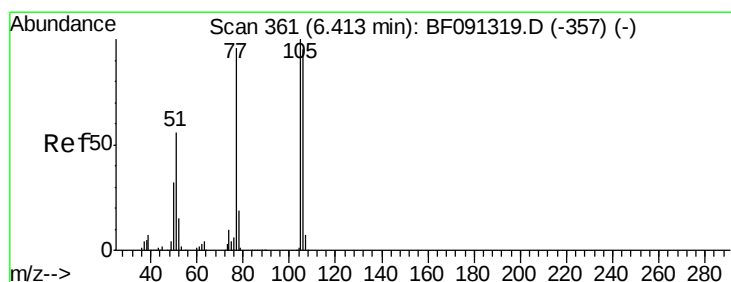
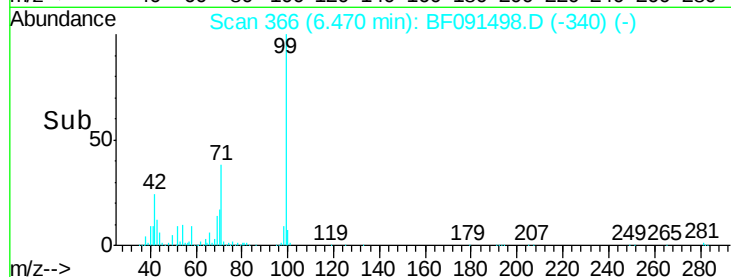
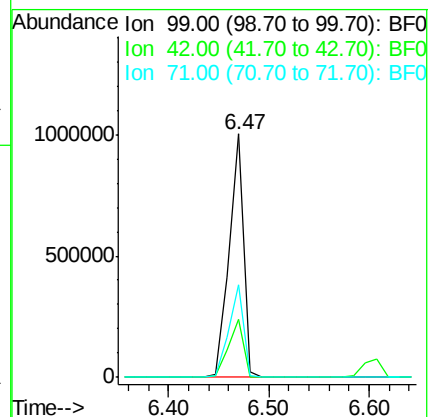
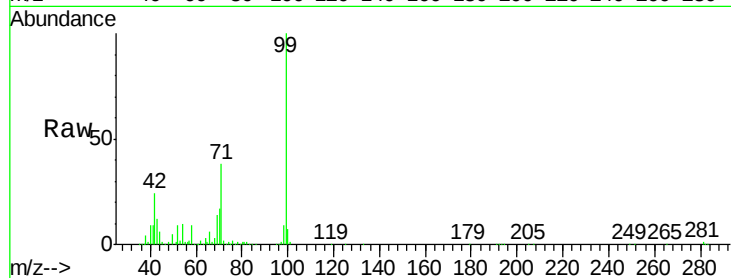
Tgt Ion: 99 Resp: 1000878

Ion Ratio Lower Upper

99 100

42 24.0 20.6 31.0

71 37.8 29.9 44.9



#9

Benzaldehyde

Concen: 3.74 ng

RT: 6.61 min Scan# 378

Delta R.T. 0.23 min

Lab File: BF091498.D

Acq: 8 Dec 2016 5:31

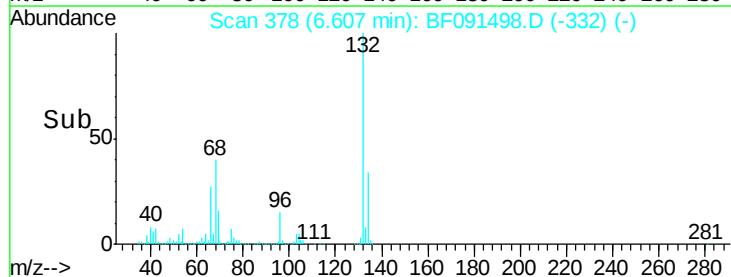
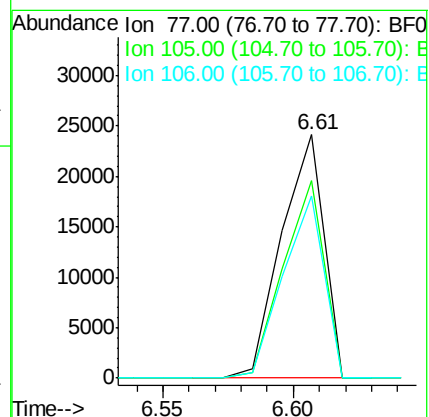
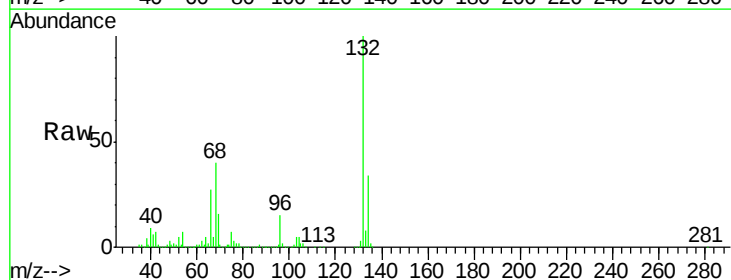
Tgt Ion: 77 Resp: 27221

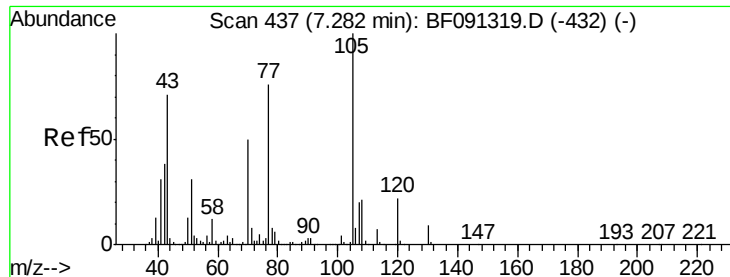
Ion Ratio Lower Upper

77 100

105 81.4 66.4 106.4

106 74.8 60.9 100.9

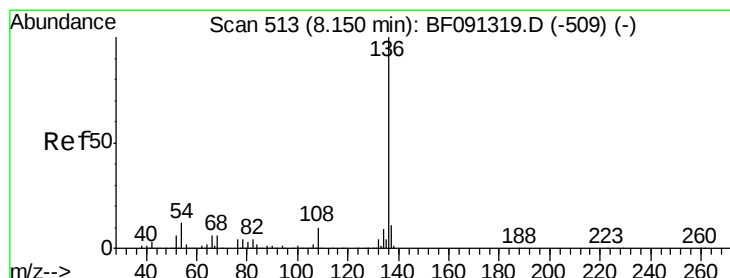
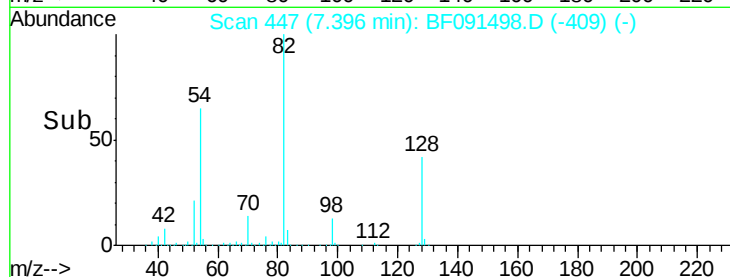
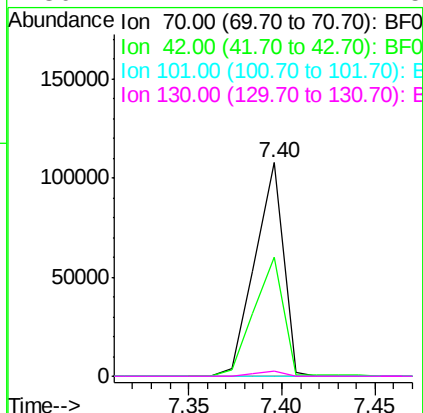
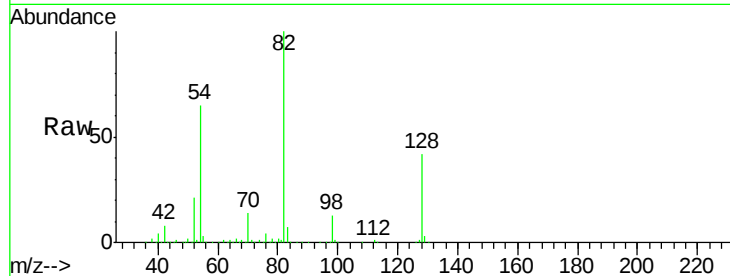




#19
n-Nitroso-di-n-propylamine
Concen: 16.00 ng
RT: 7.40 min Scan# 447
Delta R.T. 0.14 min
Lab File: BF091498.D
Acq: 8 Dec 2016 5:31

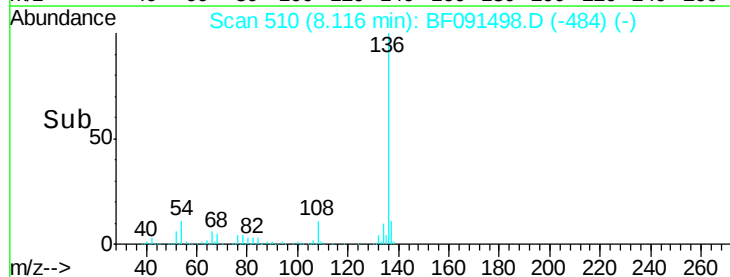
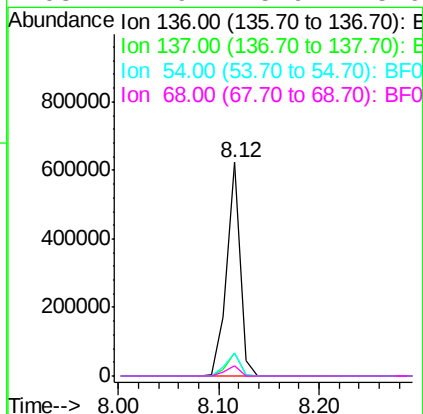
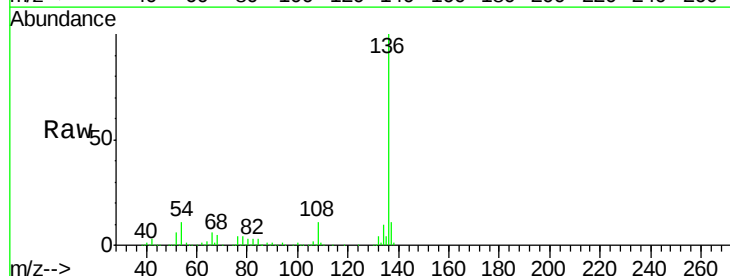
Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-05-01

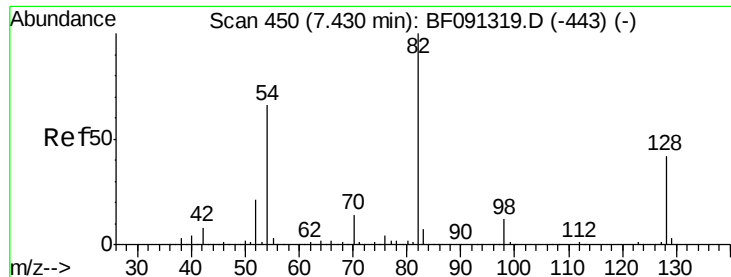
Tgt Ion: 70 Resp: 114046
Ion Ratio Lower Upper
70 100
42 56.0 64.8 97.2#
101 0.0 6.2 9.4#
130 2.2 11.7 17.5#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 510
Delta R.T. -0.00 min
Lab File: BF091498.D
Acq: 8 Dec 2016 5:31

Tgt Ion: 136 Resp: 581063
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 11.0 9.1 13.7
68 4.9 5.9 8.9#

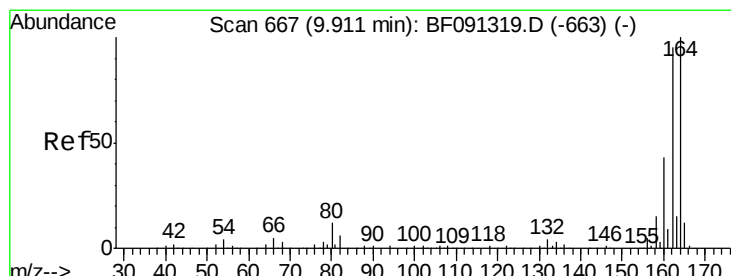
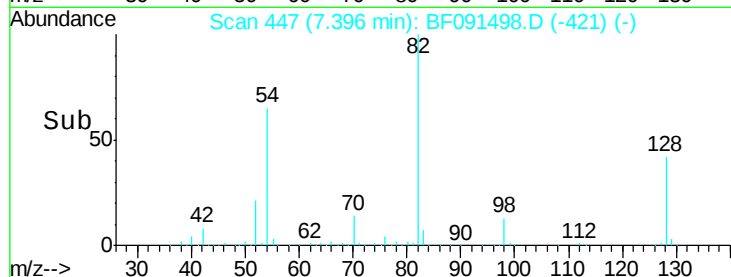
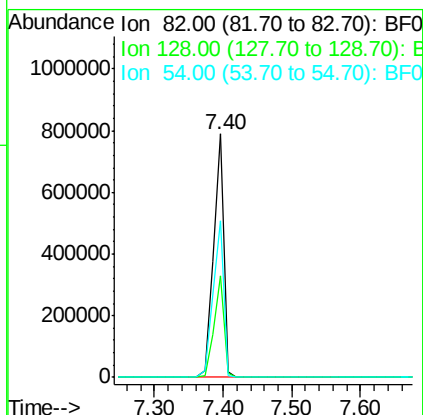
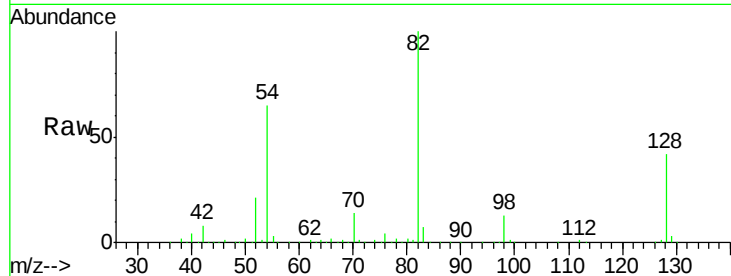




#23
 Nitrobenzene-d5
 Concen: 80.24 ng
 RT: 7.40 min Scan# 447
 Delta R.T. -0.00 min
 Lab File: BF091498.D
 Acq: 8 Dec 2016 5:31

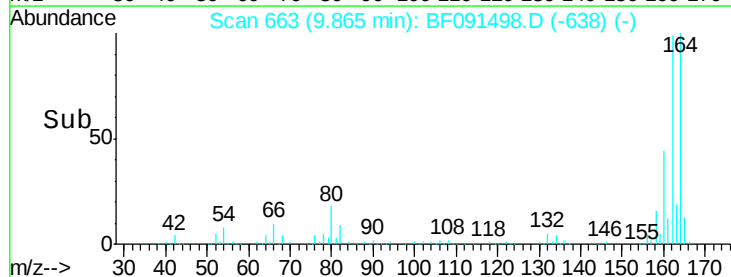
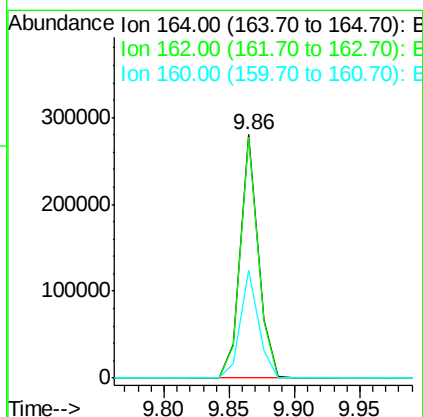
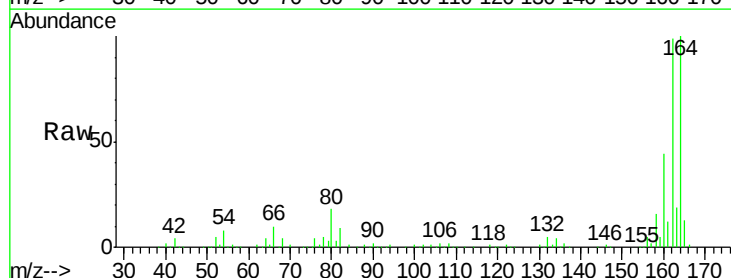
Instrument :
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 ClientSampleId :
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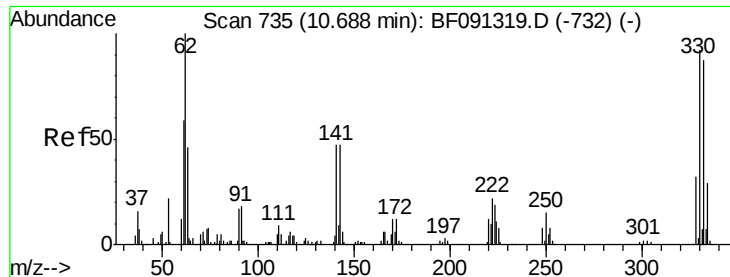
Tgt Ion: 82 Resp: 831999
 Ion Ratio Lower Upper
 82 100
 128 41.7 31.8 47.6
 54 64.5 49.1 73.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF091498.D
 Acq: 8 Dec 2016 5:31

Tgt Ion: 164 Resp: 265678
 Ion Ratio Lower Upper
 164 100
 162 99.2 82.6 124.0
 160 44.5 36.7 55.1

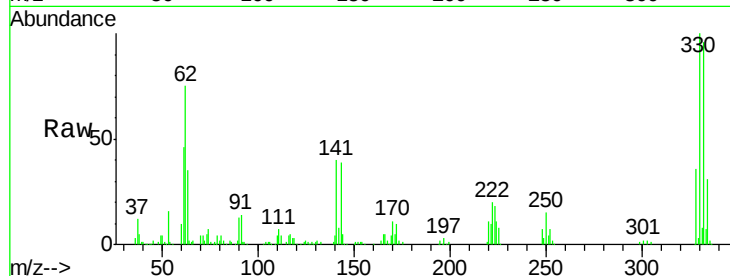




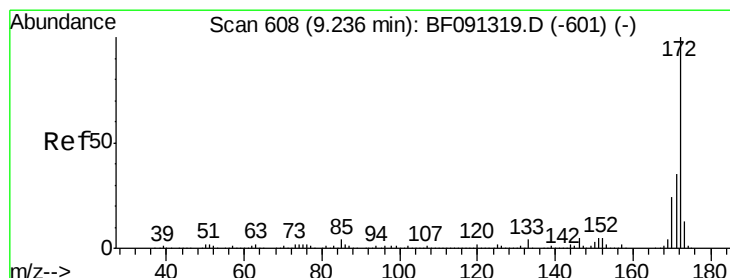
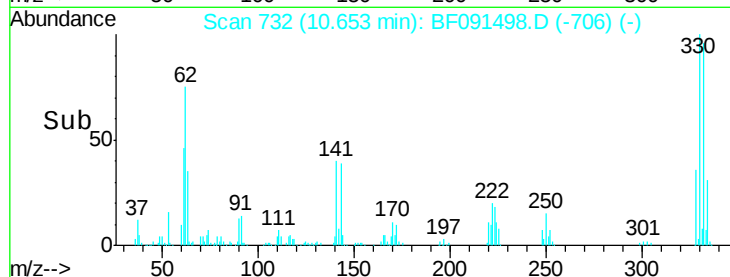
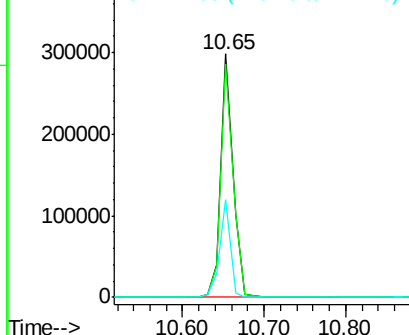
#41
 2,4,6-Tribromophenol
 Concen: 122.95 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF091498.D
 Acq: 8 Dec 2016 5:31

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-05-01

Tgt Ion:330 Resp: 309241
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.2 114.4
 141 35.0 33.6 50.4

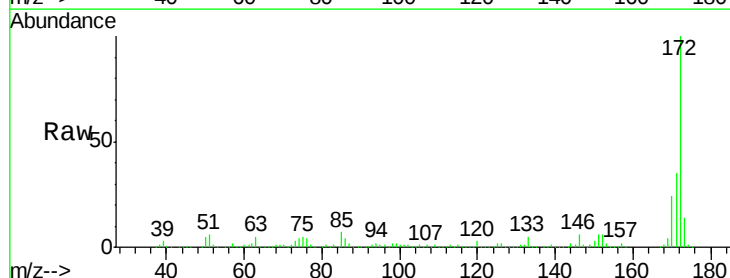


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

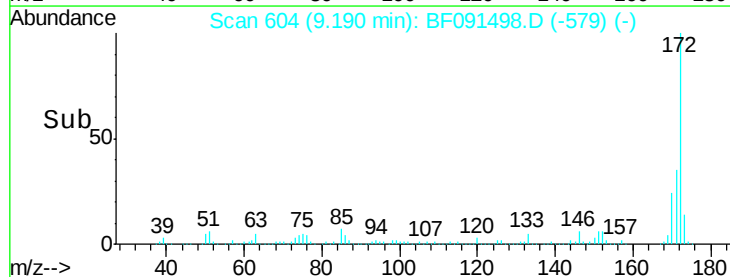
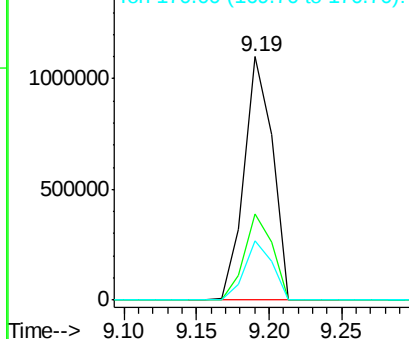


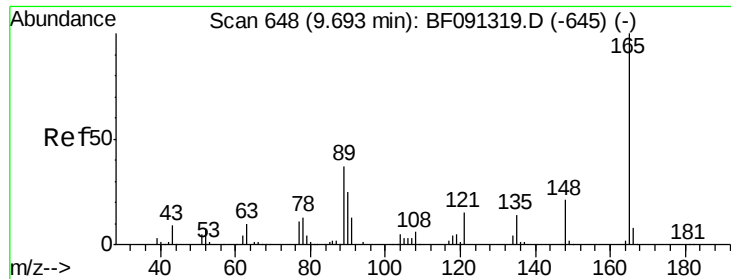
#44
 2-Fluorobiphenyl
 Concen: 102.13 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BF091498.D
 Acq: 8 Dec 2016 5:31

Tgt Ion:172 Resp: 1498516
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.4 44.0
 170 24.3 19.7 29.5



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

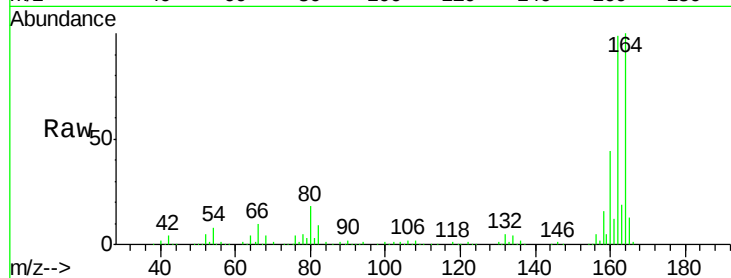




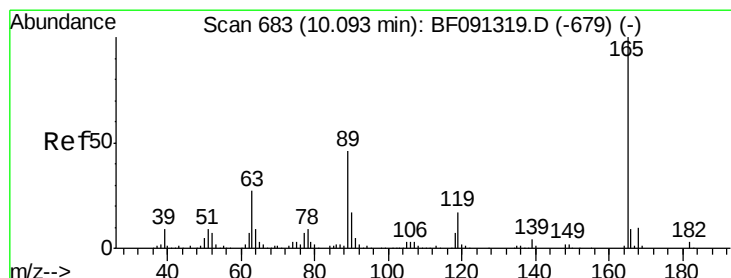
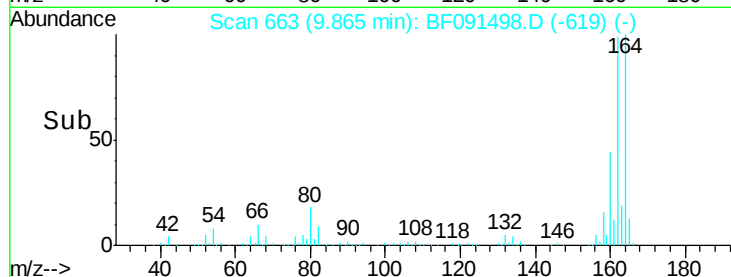
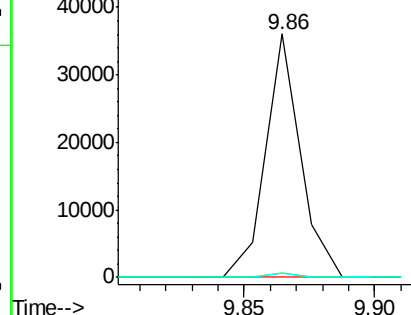
#50
2,6-Dinitrotoluene
Concen: 9.38 ng
RT: 9.86 min Scan# 663
Delta R.T. 0.21 min
Lab File: BF091498.D
Acq: 8 Dec 2016 5:31

Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-05-01

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	59.4	89.0#
89	1.5	50.8	76.2#



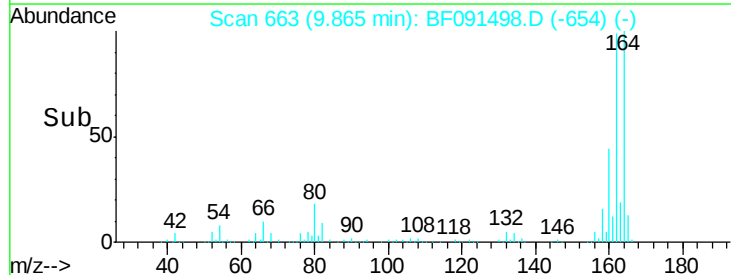
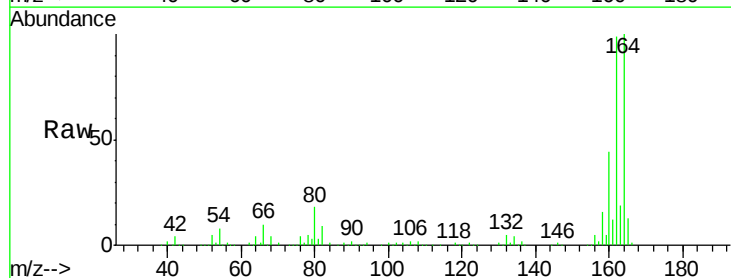
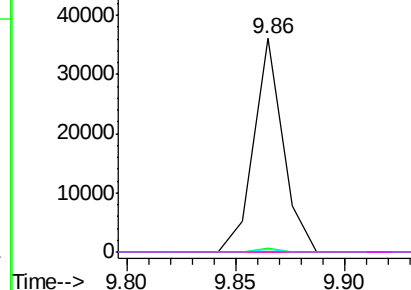
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

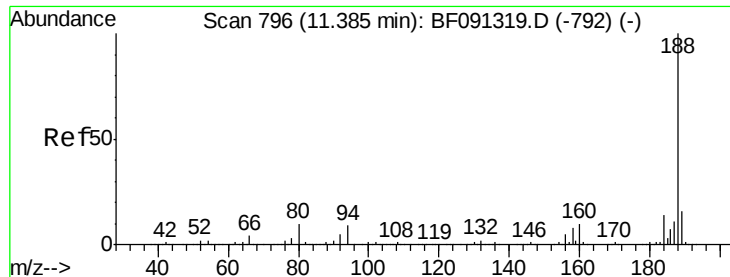


#56
2,4-Dinitrotoluene
Concen: 7.23 ng
RT: 9.86 min Scan# 663
Delta R.T. -0.19 min
Lab File: BF091498.D
Acq: 8 Dec 2016 5:31

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	29.0	43.4#
89	1.5	43.1	64.7#
182	0.0	1.9	2.9#

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

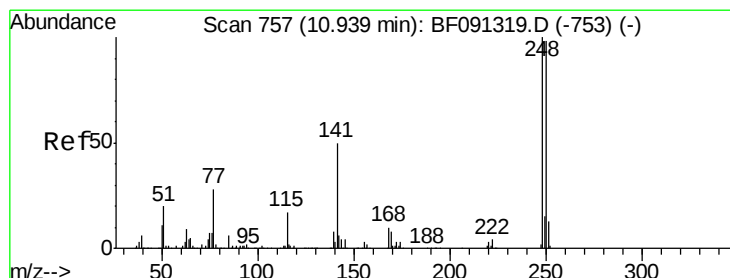
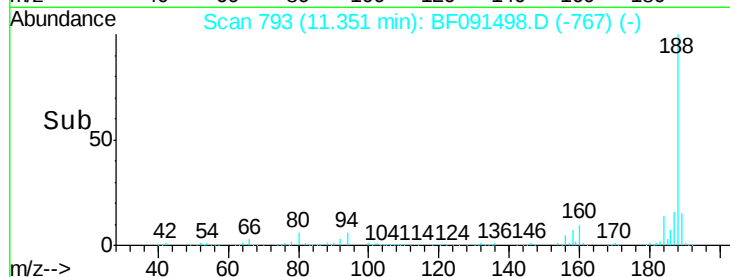
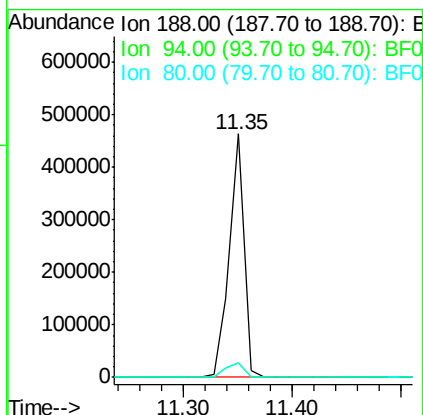
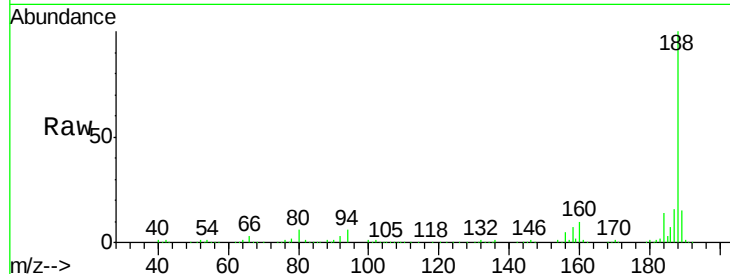




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF091498.D
Acq: 8 Dec 2016 5:31

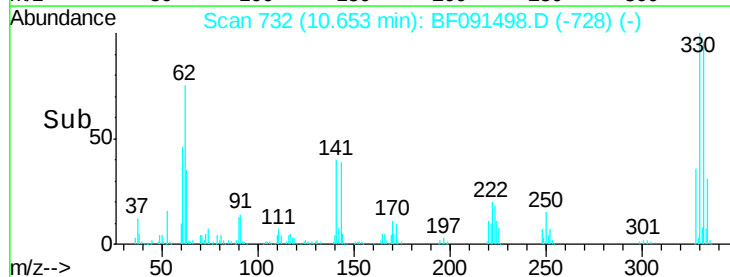
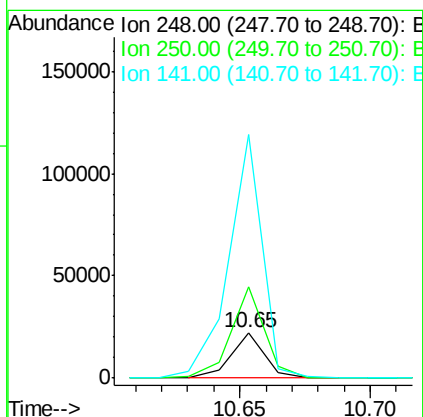
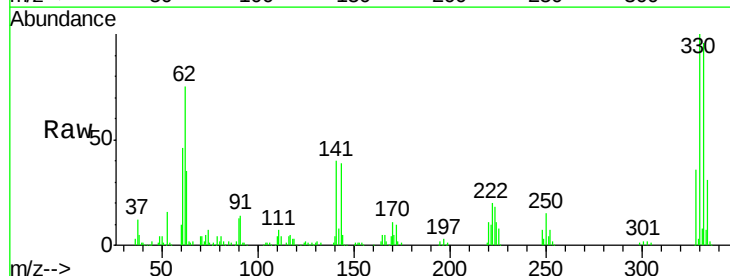
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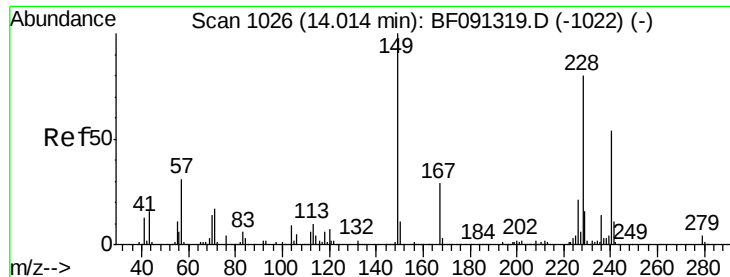
Tgt Ion:188 Resp: 436640
Ion Ratio Lower Upper
188 100
94 5.8 9.2 13.8#
80 5.8 10.5 15.7#



#66
4-Bromophenyl-phenylether
Concen: 4.15 ng
RT: 10.65 min Scan# 732
Delta R.T. -0.25 min
Lab File: BF091498.D
Acq: 8 Dec 2016 5:31

Tgt Ion:248 Resp: 19484
Ion Ratio Lower Upper
248 100
250 201.1 78.2 117.4#
141 536.3 71.9 107.9#

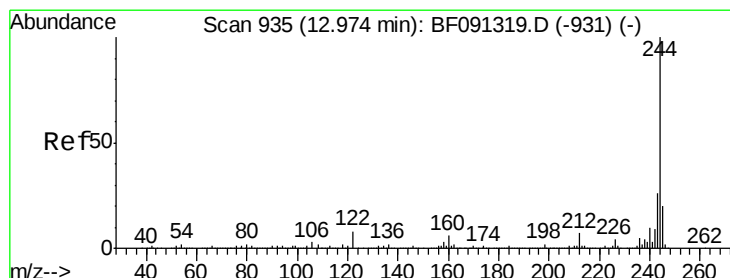
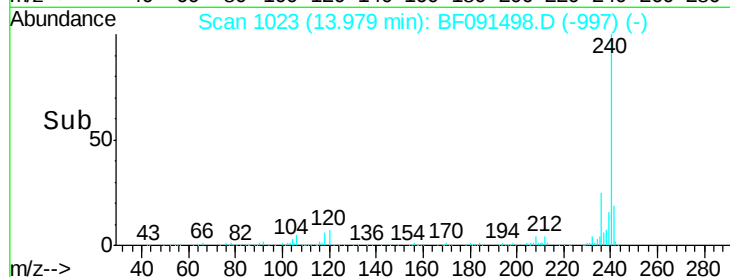
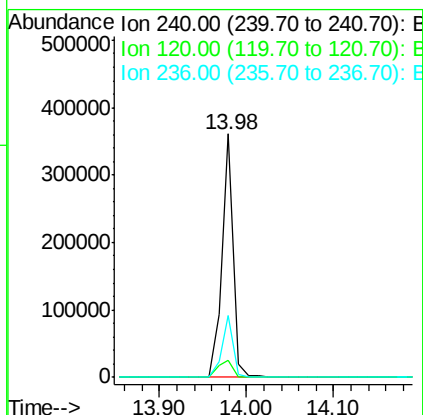
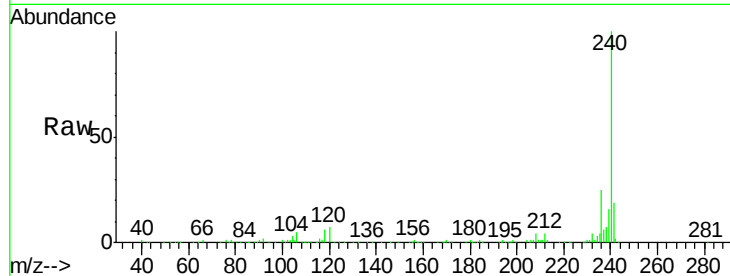




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF091498.D
Acq: 8 Dec 2016 5:31

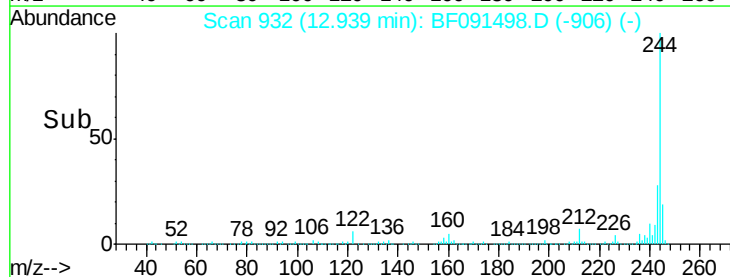
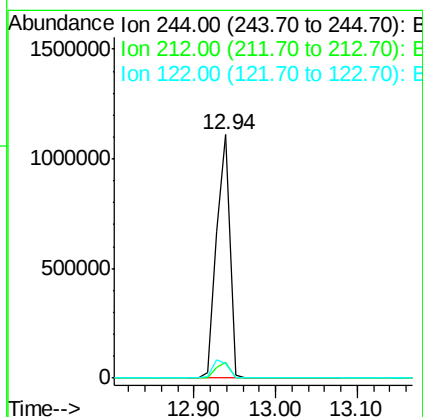
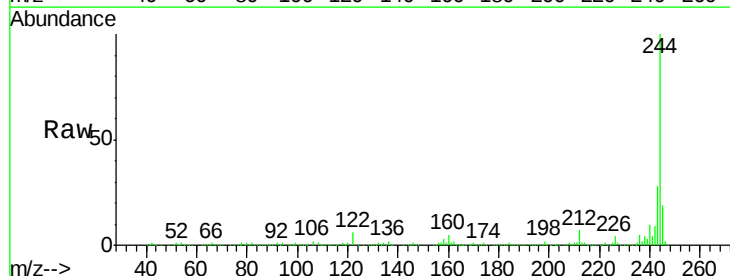
Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-05-01

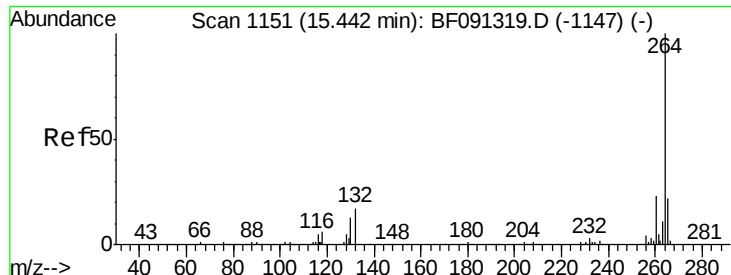
Tgt Ion: 240 Resp: 330610
Ion Ratio Lower Upper
240 100
120 7.0 12.1 18.1#
236 25.2 21.0 31.6



#78
Terphenyl-d14
Concen: 82.24 ng
RT: 12.94 min Scan# 932
Delta R.T. -0.00 min
Lab File: BF091498.D
Acq: 8 Dec 2016 5:31

Tgt Ion: 244 Resp: 1251016
Ion Ratio Lower Upper
244 100
212 6.6 6.5 9.7
122 6.1 9.5 14.3#

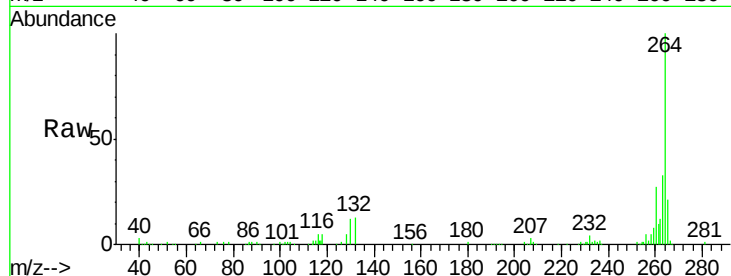




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1147
 Delta R.T. -0.00 min
 Lab File: BF091498.D
 Acq: 8 Dec 2016 5:31

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-05-01

Tgt Ion: 264 Resp: 144964
 Ion Ratio Lower Upper
 264 100
 260 26.9 18.8 28.2
 265 20.9 17.0 25.6



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

