

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012417\
 Data File : BF092440.D
 Acq On : 24 Jan 2017 20:28
 Operator : UM/SJ
 Sample : I1322-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B2-8-9

Quant Time: Jan 24 23:53:37 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

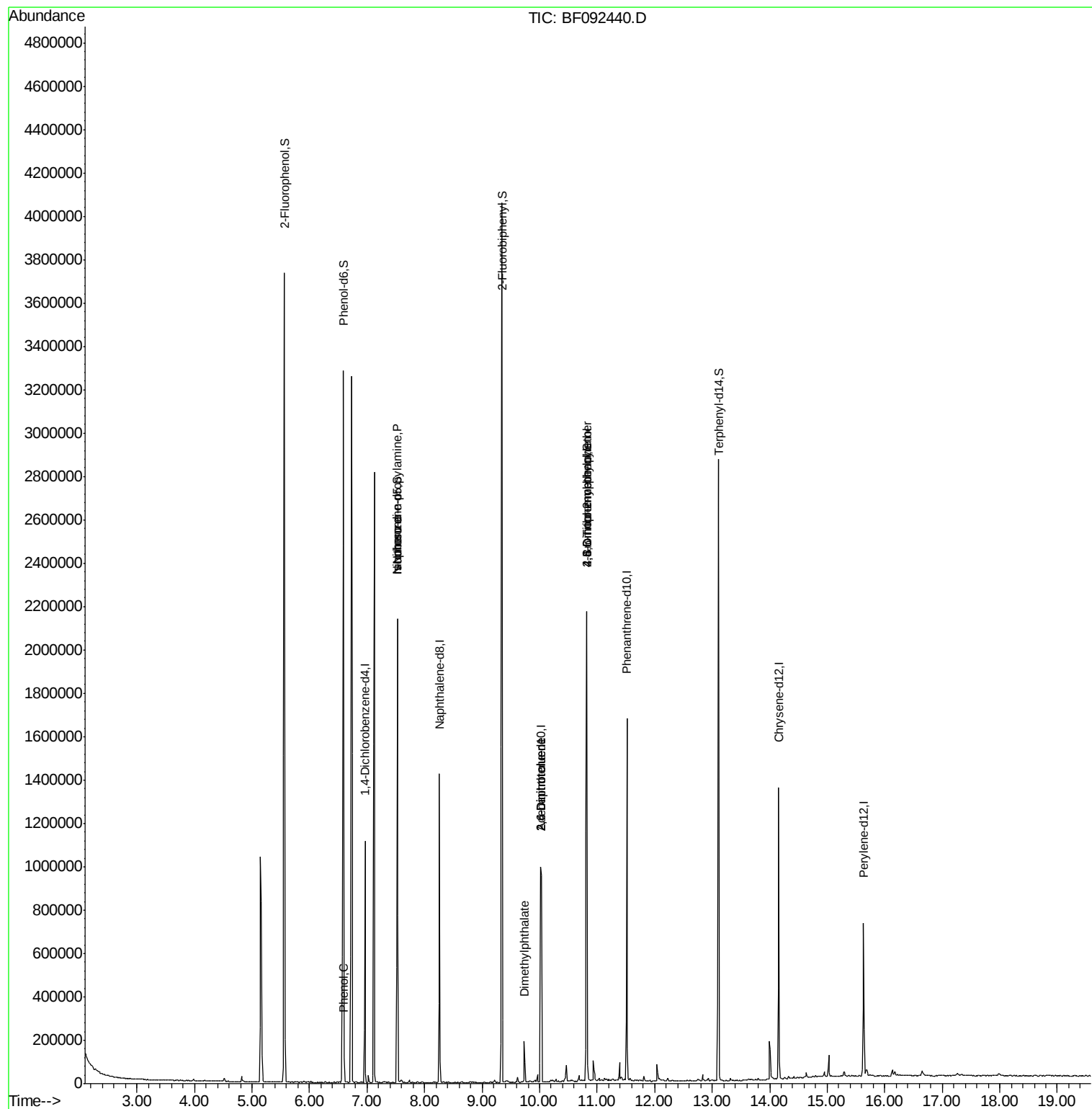
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	154582	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	616206	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	327434	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	560488	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	462072	20.00	ng	-0.01
86) Perylene-d12	15.63	264	316835	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	998566	100.50	ng	0.01
7) Phenol-d6	6.59	99	1503289	118.78	ng	0.00
23) Nitrobenzene-d5	7.53	82	793577	70.35	ng	-0.01
41) 2,4,6-Tribromophenol	10.82	330	256314	114.87	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1370618	77.40	ng	-0.01
78) Terphenyl-d14	13.12	244	1343820	77.44	ng	0.00
Target Compounds						
10) Phenol	6.60	94	42797	2.80	ng	# 61
19) n-Nitroso-di-n-propylamine	7.53	70	104344	12.11	ng	# 86
25) Isophorone	7.53	82	671744	30.22	ng	# 65
49) Dimethylphthalate	9.73	163	87281	4.19	ng	# 98
50) 2,6-Dinitrotoluene	10.03	165	40675	9.56	ng	# 29
56) 2,4-Dinitrotoluene	10.03	165	40675	7.20	ng	# 18
64) 4,6-Dinitro-2-methylphenol	10.82	198	476	5.09	ng	# 1
66) 4-Bromophenyl-phenylether	10.82	248	20554	3.63	ng	# 1

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

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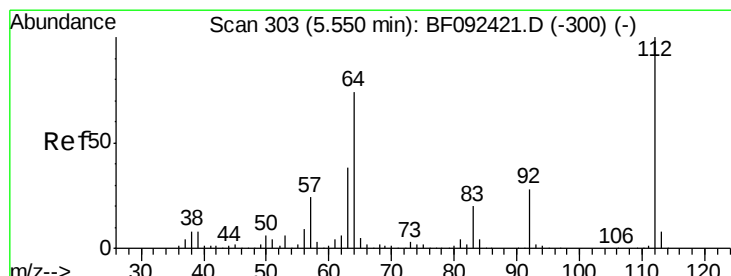
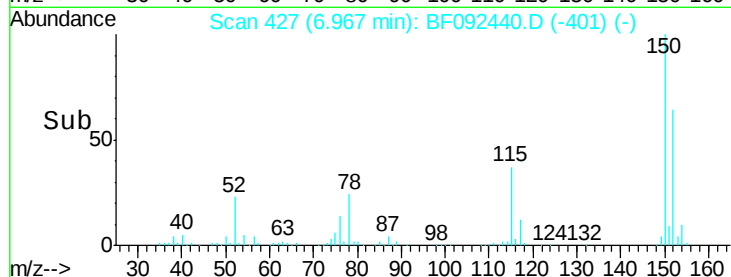
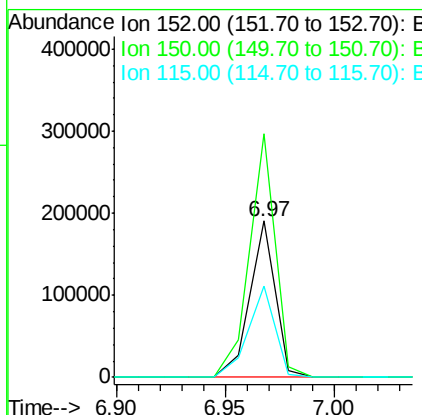
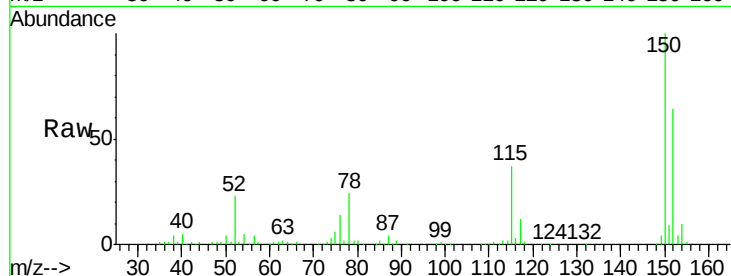




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.97 min Scan# 427
 Delta R.T. 0.00 min
 Lab File: BF092440.D
 Acq: 24 Jan 2017 20:28

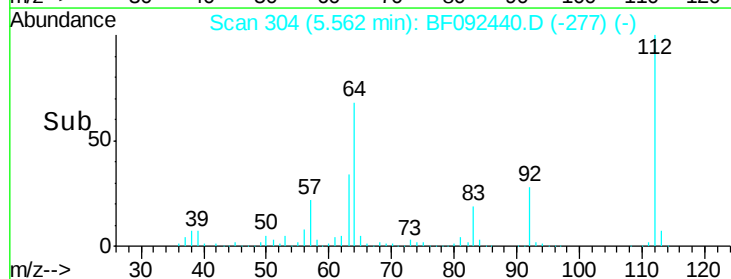
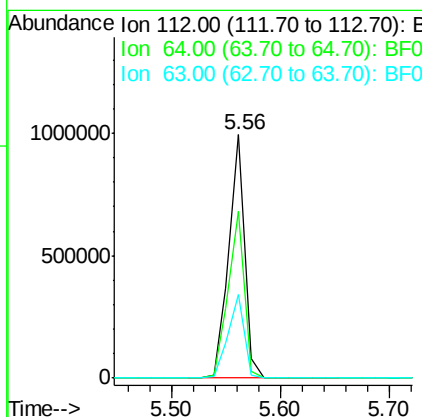
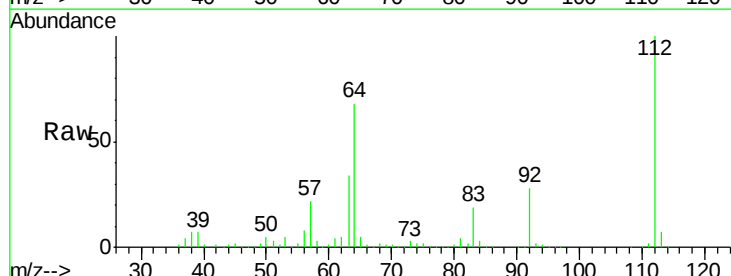
Instrument :
 BNA_F
 ClientSampleId :
 B2-8-9

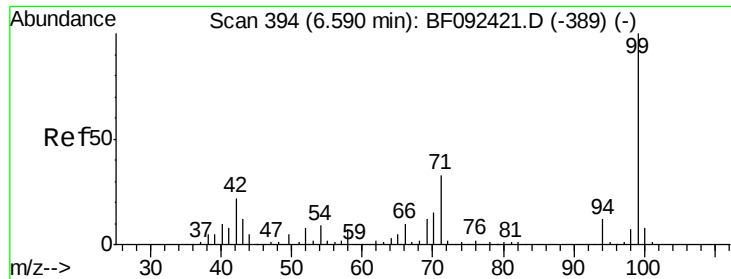
Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.9	187.3
115	58.0	46.0	69.0



#5
 2-Fluorophenol
 Concen: 100.50 ng
 RT: 5.56 min Scan# 304
 Delta R.T. 0.01 min
 Lab File: BF092440.D
 Acq: 24 Jan 2017 20:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.4	46.1	69.1
63	34.5	23.8	35.6





#7

Phenol-d6

Concen: 118.78 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF092440.D

Acq: 24 Jan 2017 20:28

Instrument :

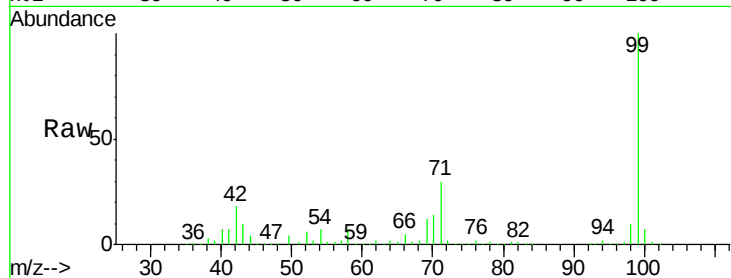
BNA_F

ClientSampleId :

B2-8-9

Tgt Ion: 99 Resp: 1503289

Ion	Ratio	Lower	Upper
99	100		
42	18.3	15.6	23.4
71	30.1	27.5	41.3

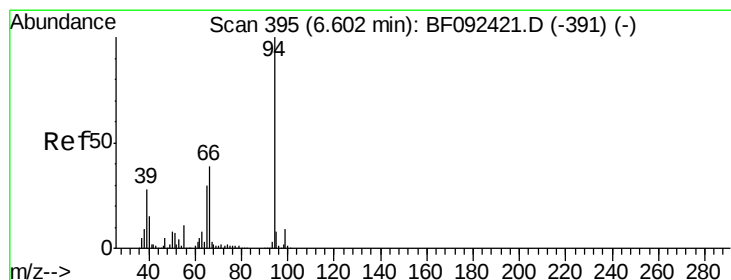
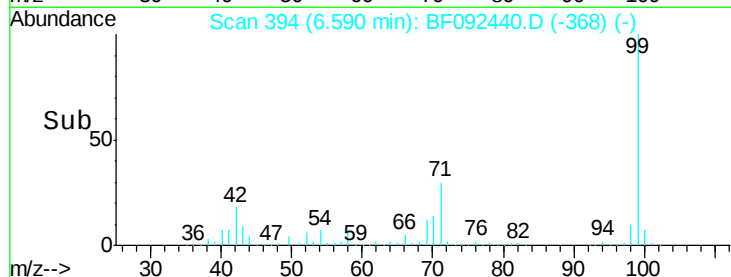
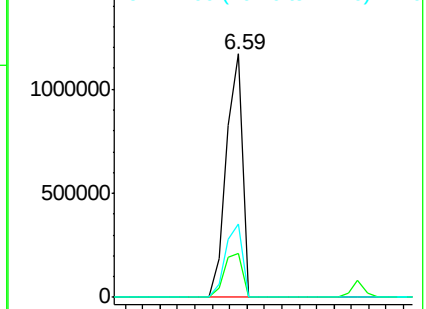


Abundance

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: 2.80 ng

RT: 6.60 min Scan# 395

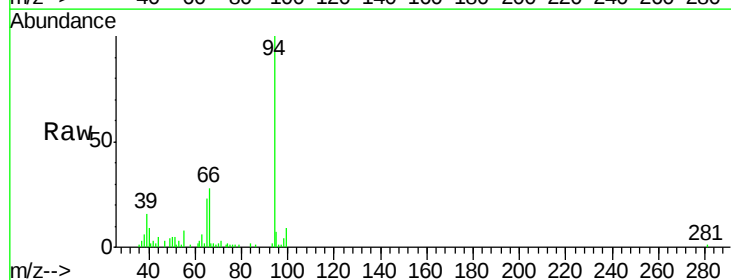
Delta R.T. 0.00 min

Lab File: BF092440.D

Acq: 24 Jan 2017 20:28

Tgt Ion: 94 Resp: 42797

Ion	Ratio	Lower	Upper
94	100		
65	22.8	21.4	61.4
66	28.2	44.0	84.0#

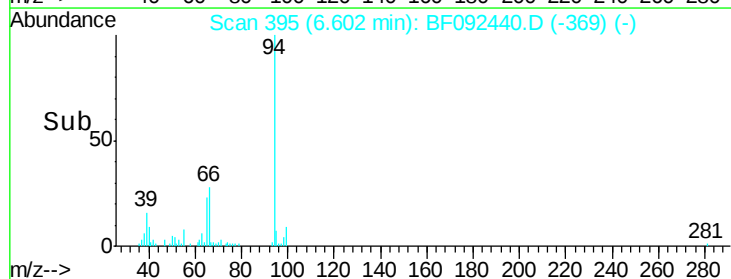
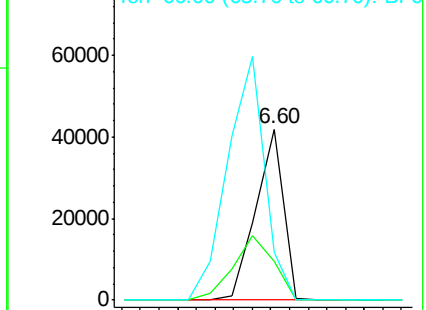


Abundance

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

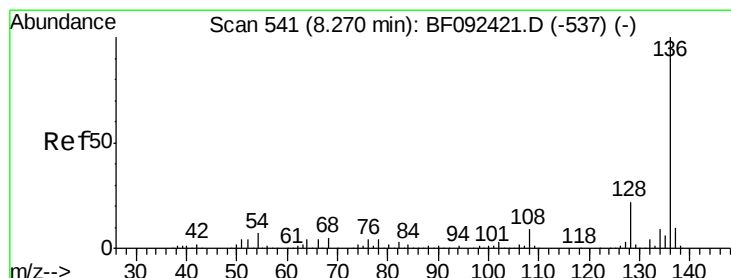
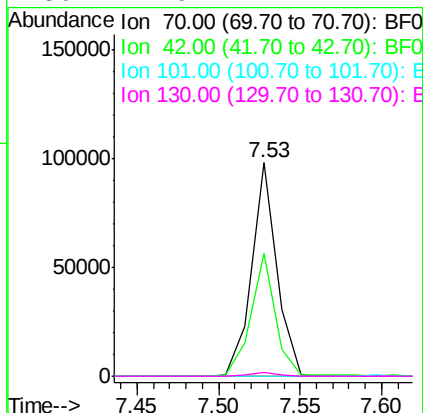
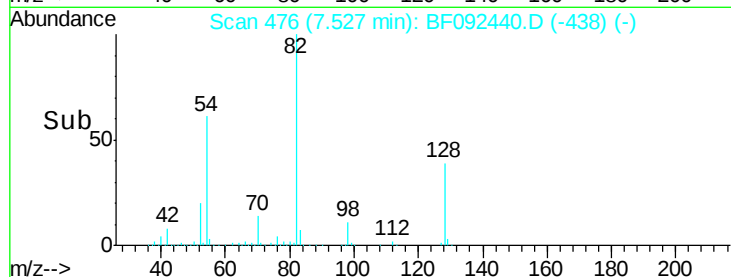
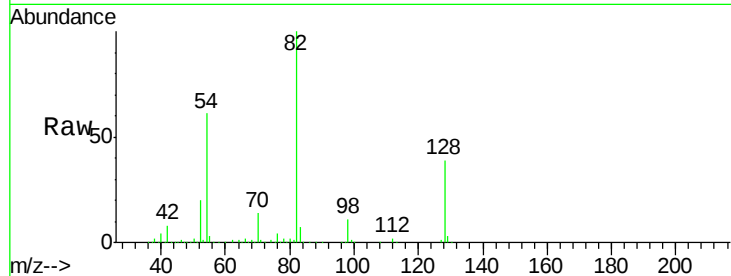




#19
n-Nitroso-di-n-propylamine
Concen: 12.11 ng
RT: 7.53 min Scan# 476
Delta R.T. 0.14 min
Lab File: BF092440.D
Acq: 24 Jan 2017 20:28

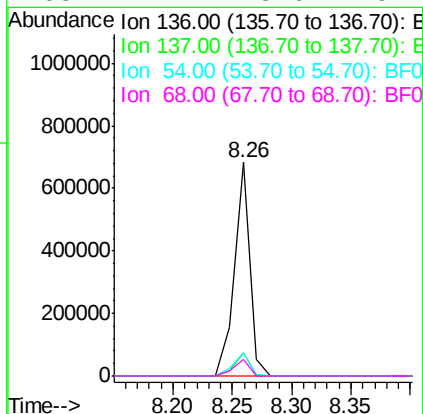
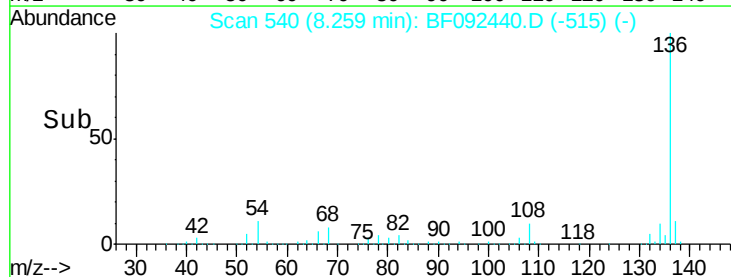
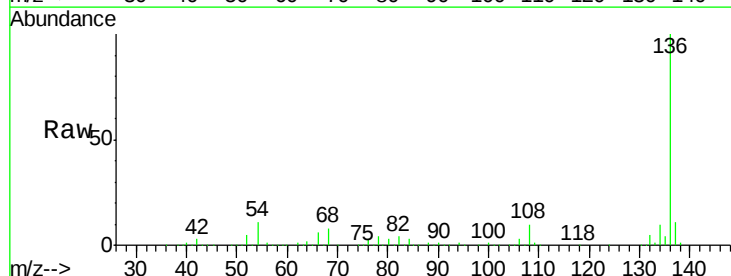
Instrument :
BNA_F
ClientSampleId :
B2-8-9

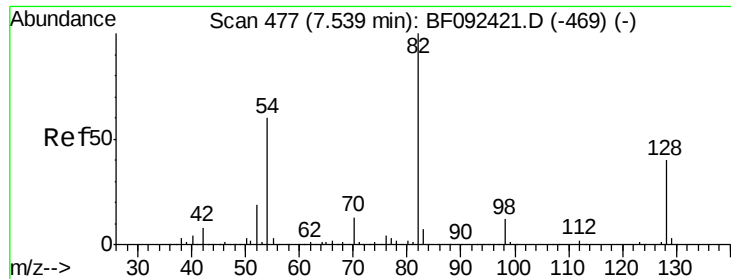
Tgt Ion: 70 Resp: 104344
Ion Ratio Lower Upper
70 100
42 57.7 49.4 74.0
101 0.0 7.4 11.2#
130 1.9 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF092440.D
Acq: 24 Jan 2017 20:28

Tgt Ion: 136 Resp: 616206
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 10.6 4.5 6.7#
68 7.7 3.6 5.4#

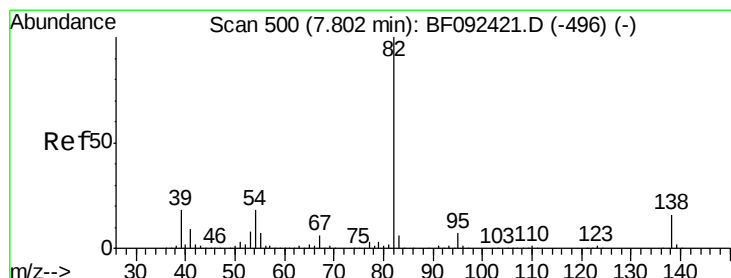
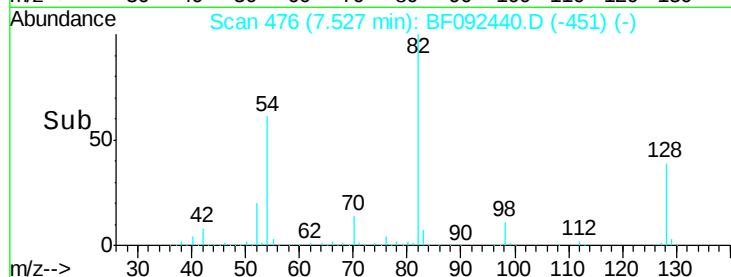
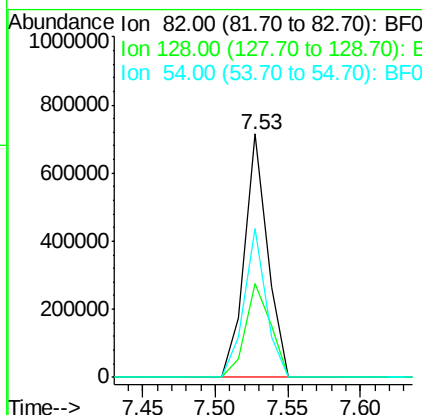
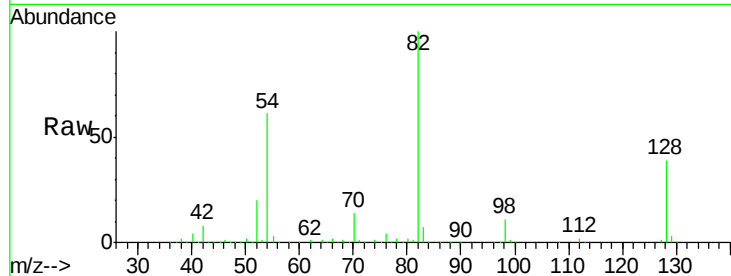




#23
 Nitrobenzene-d5
 Concen: 70.35 ng
 RT: 7.53 min Scan# 476
 Delta R.T. -0.01 min
 Lab File: BF092440.D
 Acq: 24 Jan 2017 20:28

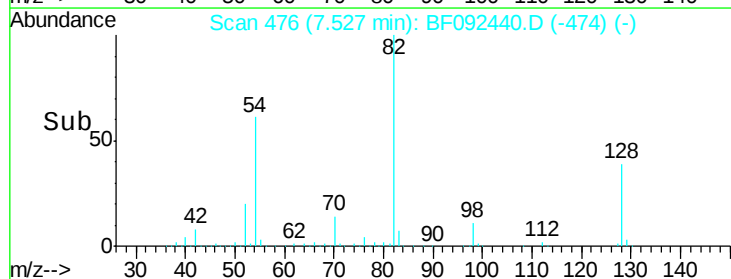
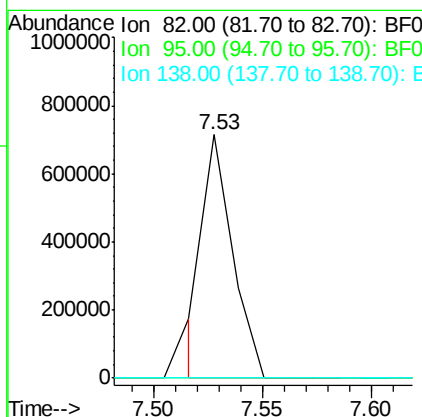
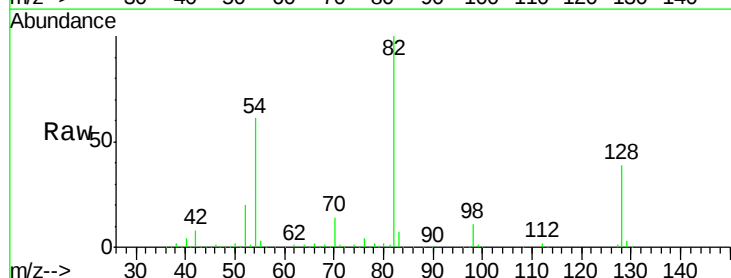
Instrument :
 BNA_F
 ClientSampleId :
 B2-8-9

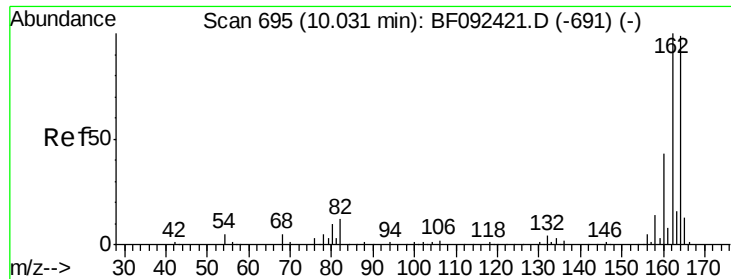
Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.6	34.6	52.0
54	61.3	39.5	59.3#



#25
 Isophorone
 Concen: 30.22 ng
 RT: 7.53 min Scan# 476
 Delta R.T. -0.27 min
 Lab File: BF092440.D
 Acq: 24 Jan 2017 20:28

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	14.6	22.0#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.03 min Scan# 695

Delta R.T. 0.00 min

Lab File: BF092440.D

Acq: 24 Jan 2017 20:28

Instrument :

BNA_F

ClientSampleId :

B2-8-9

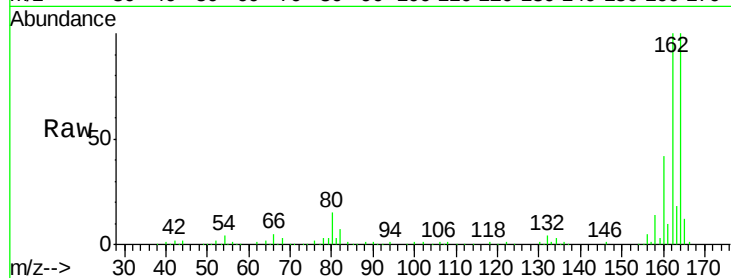
Tgt Ion:164 Resp: 327434

Ion Ratio Lower Upper

164 100

162 100.4 80.2 120.2

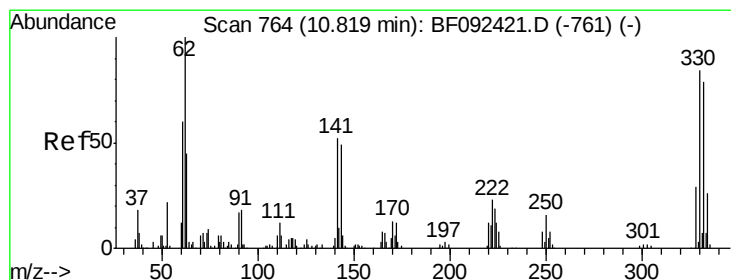
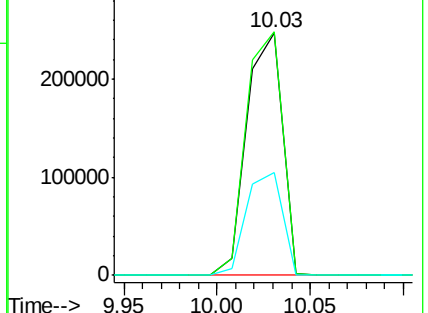
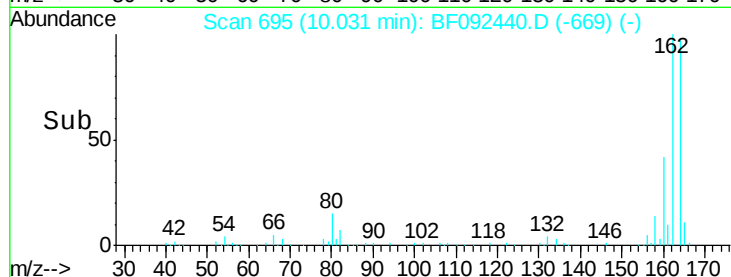
160 42.3 36.9 55.3



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: 114.87 ng

RT: 10.82 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF092440.D

Acq: 24 Jan 2017 20:28

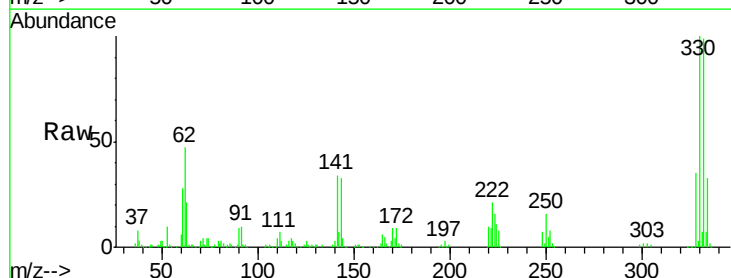
Tgt Ion:330 Resp: 256314

Ion Ratio Lower Upper

330 100

332 98.9 77.4 116.2

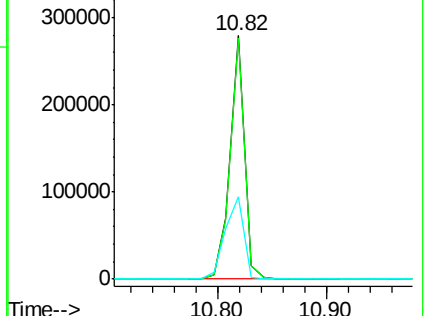
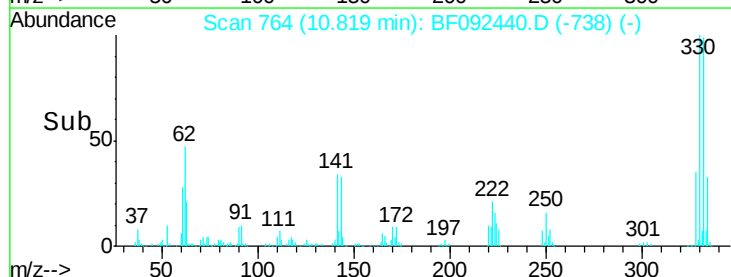
141 43.3 34.1 51.1

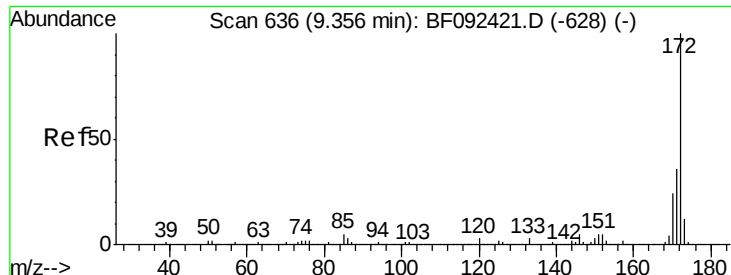


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

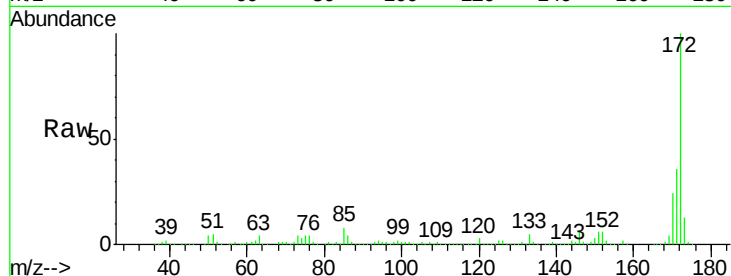




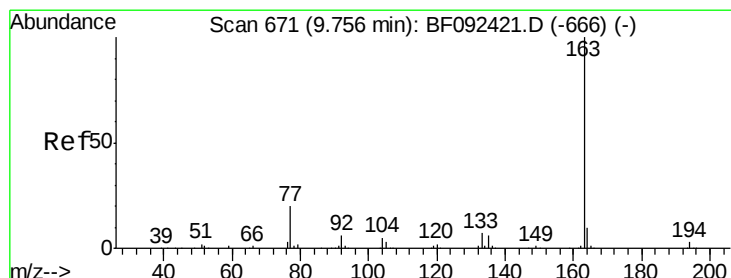
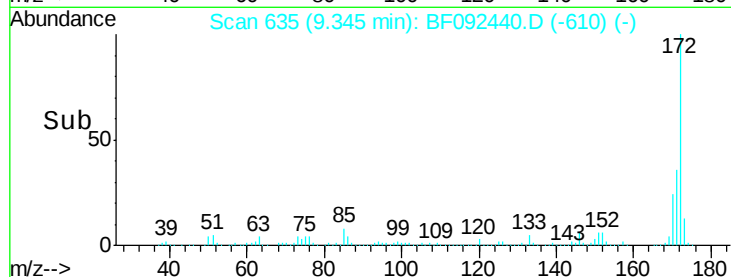
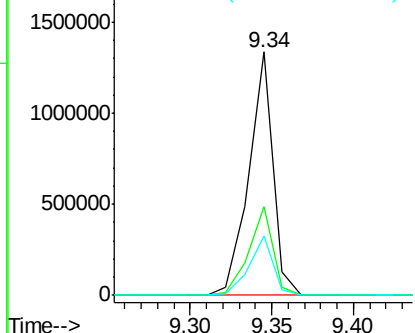
#44
 2-Fluorobiphenyl
 Concen: 77.40 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092440.D
 Acq: 24 Jan 2017 20:28

Instrument :
 BNA_F
 ClientSampleId :
 B2-8-9

Tgt Ion:172 Resp: 1370618
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.0
 170 24.2 20.2 30.4

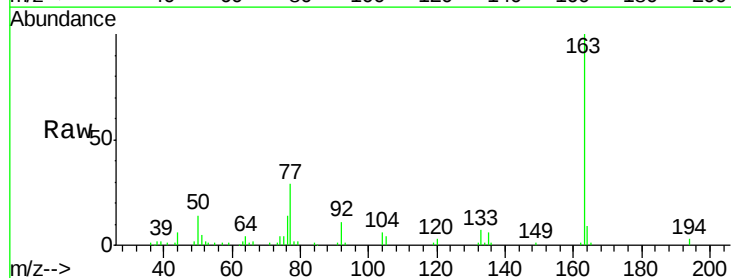


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

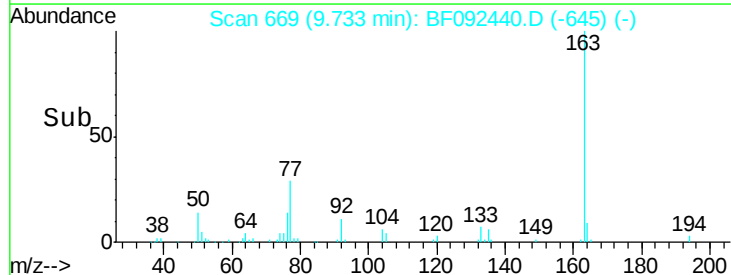
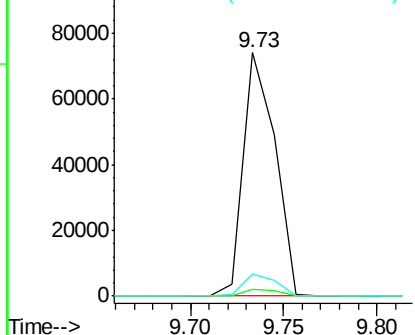


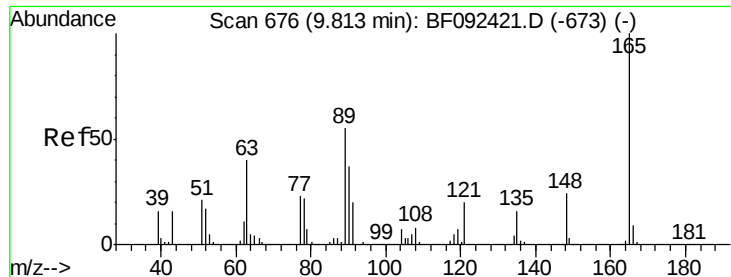
#49
 Dimethylphthalate
 Concen: 4.19 ng
 RT: 9.73 min Scan# 669
 Delta R.T. -0.02 min
 Lab File: BF092440.D
 Acq: 24 Jan 2017 20:28

Tgt Ion:163 Resp: 87281
 Ion Ratio Lower Upper
 163 100
 194 3.0 3.0 4.4
 164 9.2 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

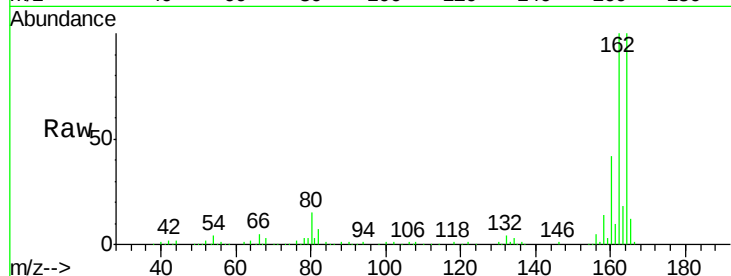




#50
2,6-Dinitrotoluene
Concen: 9.56 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.22 min
Lab File: BF092440.D
Acq: 24 Jan 2017 20:28

Instrument :
BNA_F
ClientSampleId :
B2-8-9

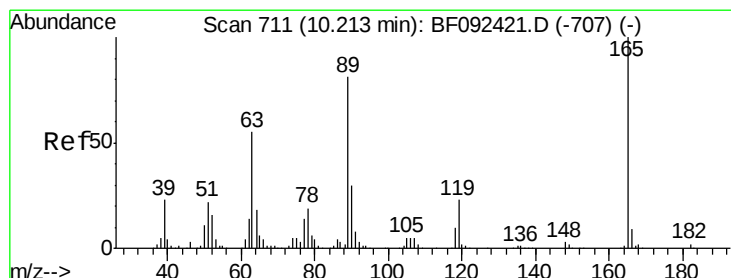
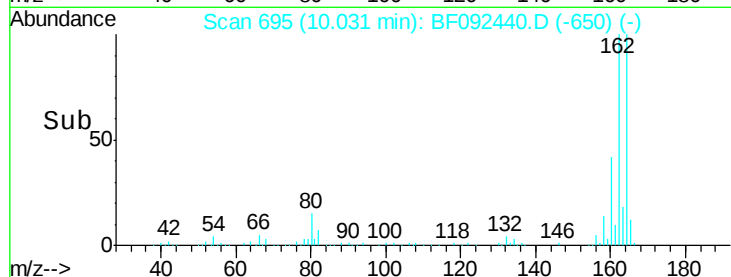
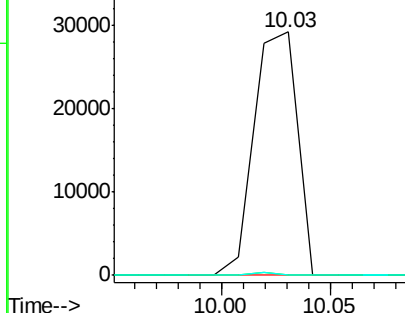
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.2	54.4#
89	0.0	40.2	60.4#



Abundance Ion 165.00 (164.70 to 165.70): E

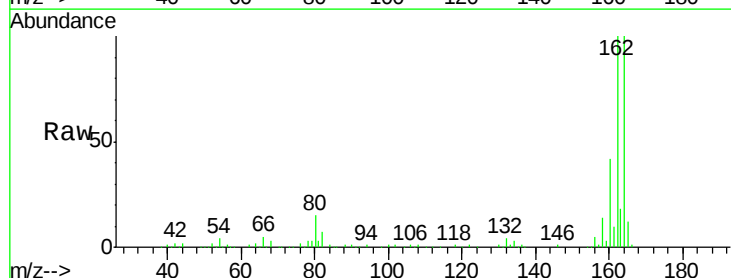
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
2,4-Dinitrotoluene
Concen: 7.20 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.18 min
Lab File: BF092440.D
Acq: 24 Jan 2017 20:28

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.2	60.4#
89	0.0	62.5	93.7#
182	0.0	1.8	2.8#

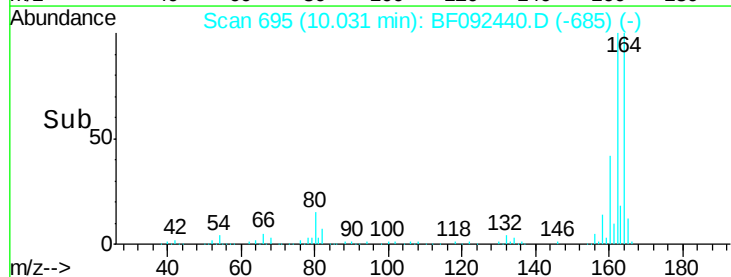
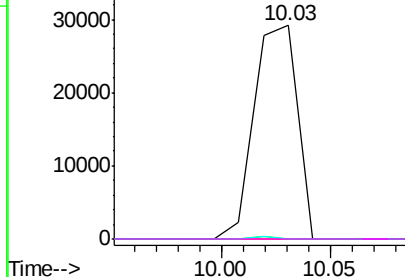


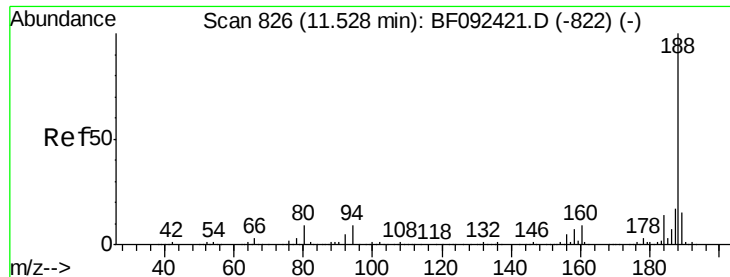
Abundance Ion 165.00 (164.70 to 165.70): E

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

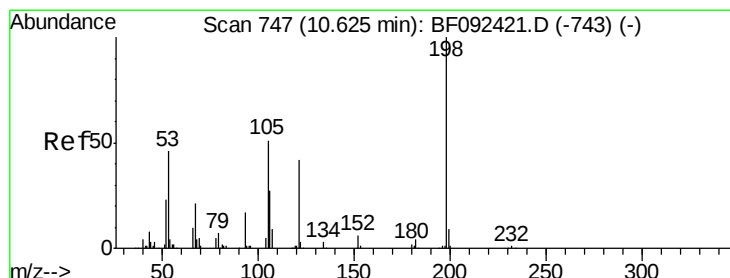
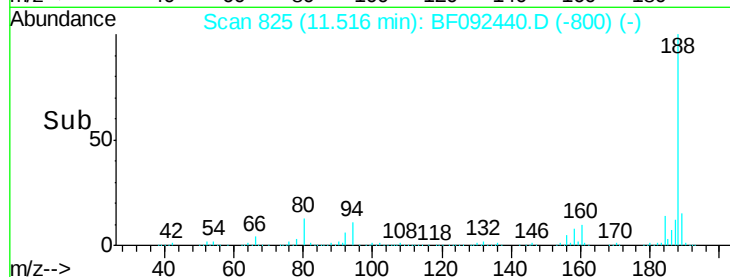
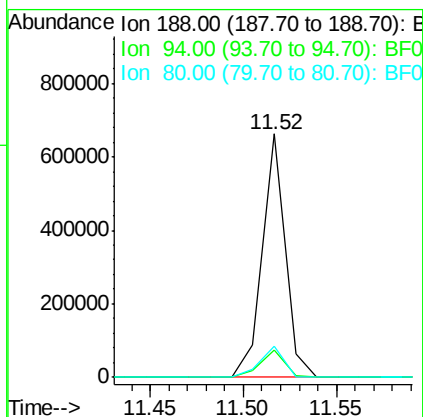
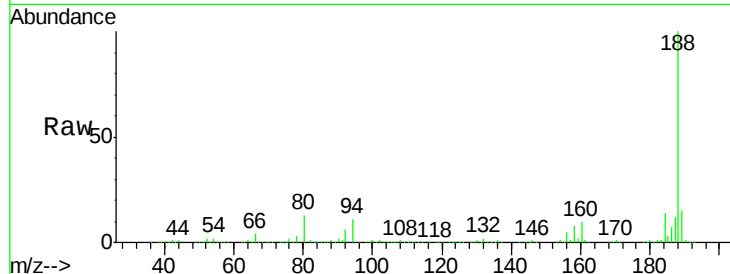




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF092440.D
 Acq: 24 Jan 2017 20:28

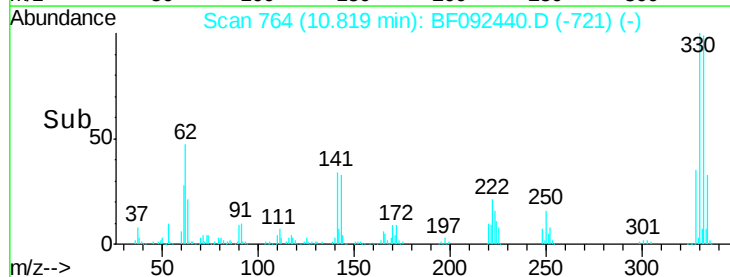
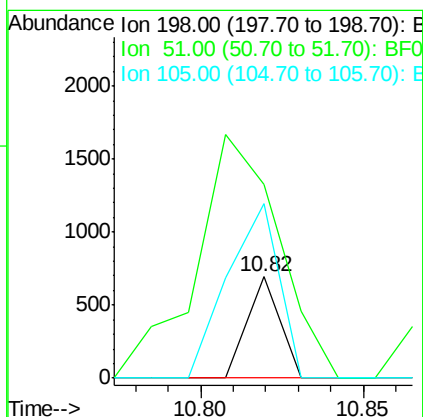
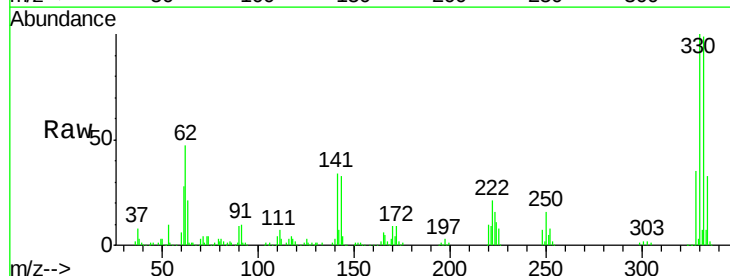
Instrument :
 BNA_F
 ClientSampleId :
 B2-8-9

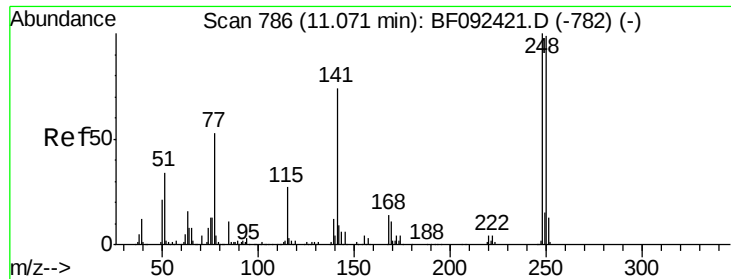
Tgt Ion:188 Resp: 560488
 Ion Ratio Lower Upper
 188 100
 94 11.4 10.0 15.0
 80 12.7 11.2 16.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.09 ng
 RT: 10.82 min Scan# 764
 Delta R.T. 0.20 min
 Lab File: BF092440.D
 Acq: 24 Jan 2017 20:28

Tgt Ion:198 Resp: 476
 Ion Ratio Lower Upper
 198 100
 51 190.5 6.7 46.7#
 105 172.5 16.6 56.6#





#66

4-Bromophenyl-phenylether

Concen: 3.63 ng

RT: 10.82 min Scan# 764

Delta R.T. -0.25 min

Lab File: BF092440.D

Acq: 24 Jan 2017 20:28

Instrument :

BNA_F

ClientSampleId :

B2-8-9

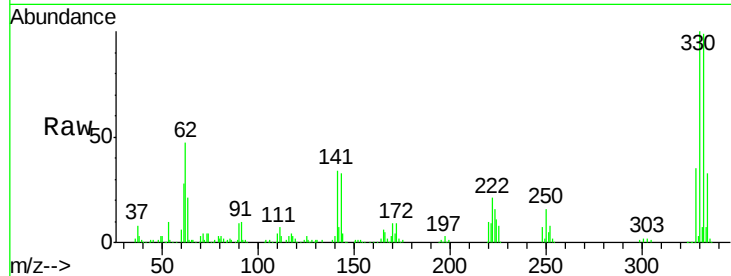
Tgt Ion:248 Resp: 20554

Ion Ratio Lower Upper

248 100

250 209.6 76.9 115.3#

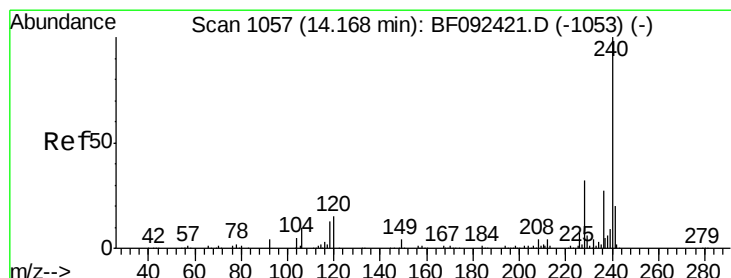
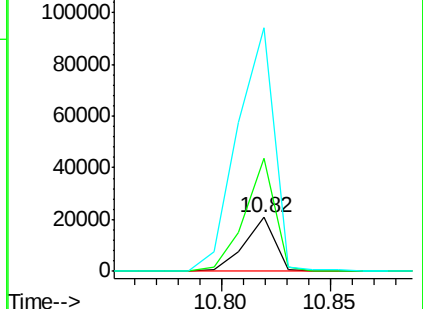
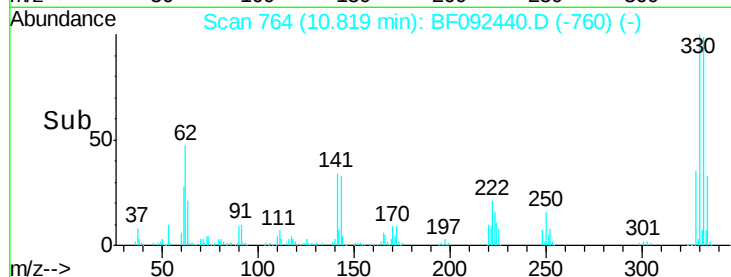
141 450.4 68.2 102.4#



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: 14.16 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BF092440.D

Acq: 24 Jan 2017 20:28

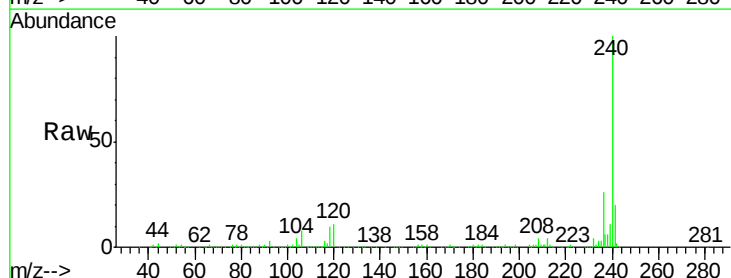
Tgt Ion:240 Resp: 462072

Ion Ratio Lower Upper

240 100

120 11.2 12.9 19.3#

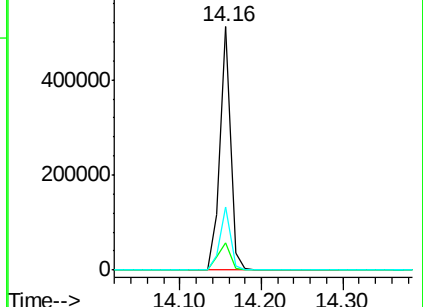
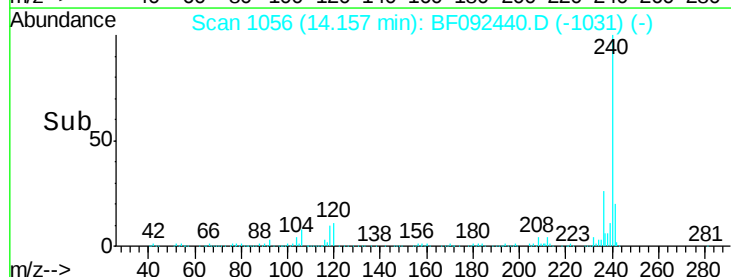
236 25.9 20.9 31.3

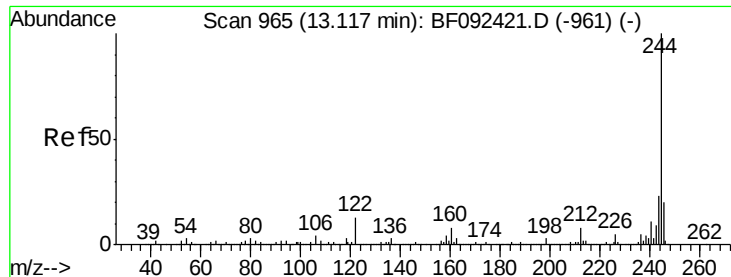


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

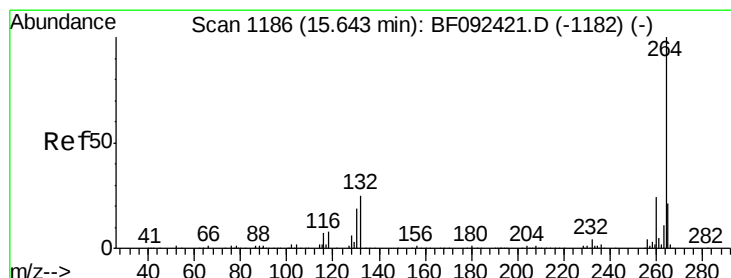
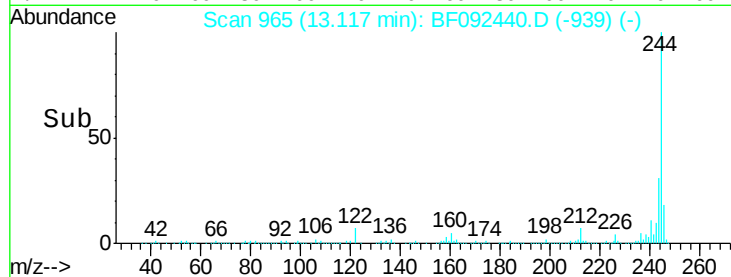
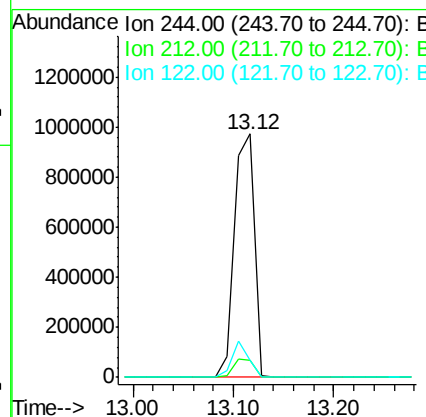
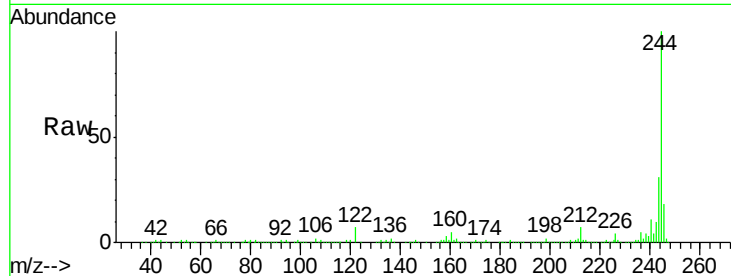




#78
 Terphenyl-d14
 Concen: 77.44 ng
 RT: 13.12 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: BF092440.D
 Acq: 24 Jan 2017 20:28

Instrument :
 BNA_F
 ClientSampleId :
 B2-8-9

Tgt Ion:244 Resp: 1343820
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.2 9.2
 122 7.1 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.63 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF092440.D
 Acq: 24 Jan 2017 20:28

Tgt Ion:264 Resp: 316835
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.2 28.8
 265 21.8 17.4 26.0

