

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012417\
 Data File : BF092451.D
 Acq On : 25 Jan 2017 1:30
 Operator : UM/SJ
 Sample : I1351-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CAS-WCS-011917(15-70)

Quant Time: Jan 25 04:40:43 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

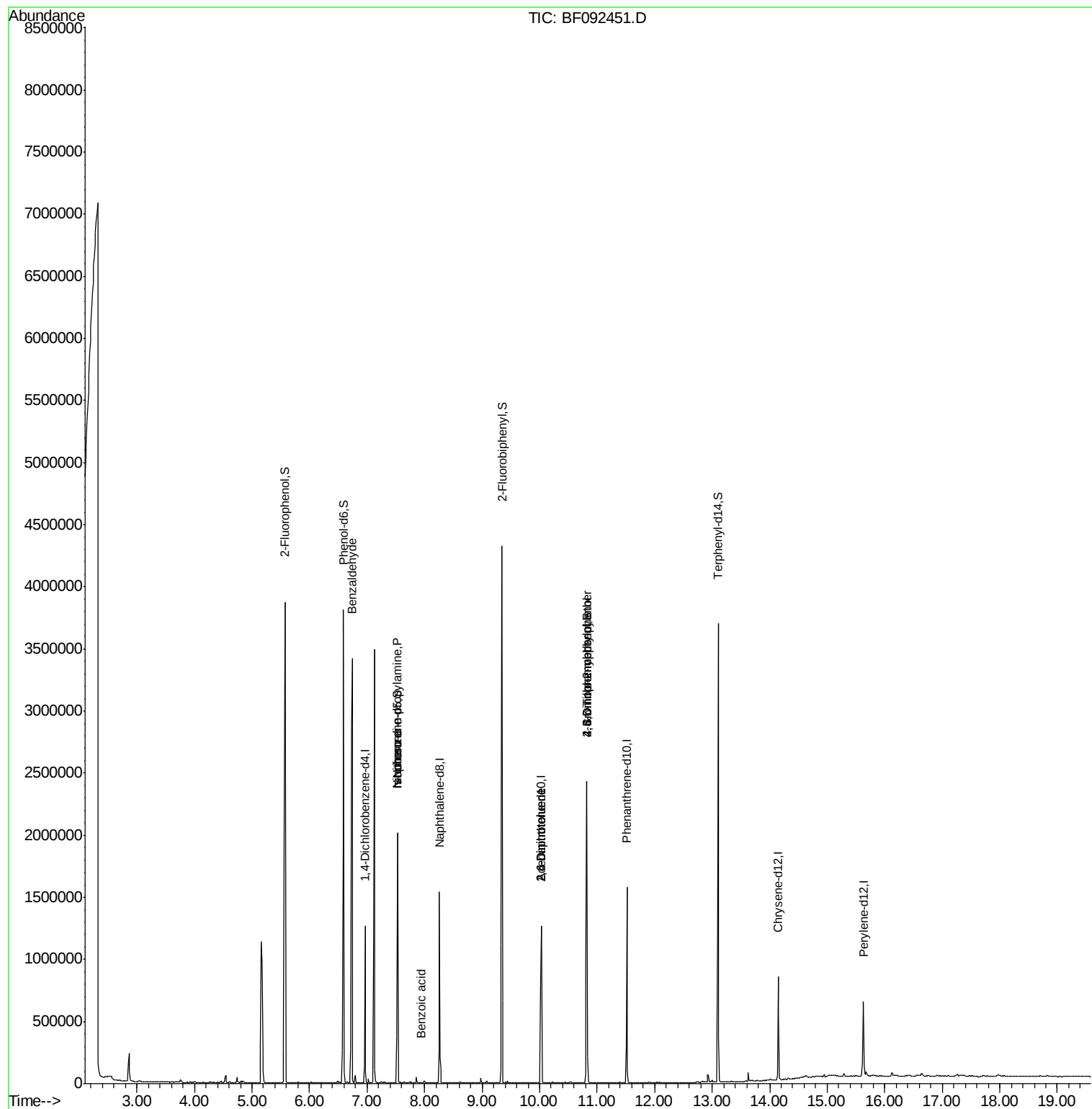
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	166265	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	643808	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	343966	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	533398	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	344449	20.00	ng	-0.02
86) Perylene-d12	15.63	264	325771	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	1198714	112.17	ng	0.02
7) Phenol-d6	6.59	99	1412422	103.76	ng	0.00
23) Nitrobenzene-d5	7.53	82	976131	82.82	ng	-0.01
41) 2,4,6-Tribromophenol	10.82	330	267308	114.04	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1425744	76.65	ng	-0.01
78) Terphenyl-d14	13.10	244	1151506	89.02	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.74	77	27839	2.88	ng	Qvalue 84
19) n-Nitroso-di-n-propylamine	7.53	70	129604	13.98	ng	# 85
25) Isophorone	7.53	82	893818	38.48	ng	# 65
32) Benzoic acid	7.94	122	549	4.76	ng	# 85
50) 2,6-Dinitrotoluene	10.03	165	44007	9.84	ng	# 30
56) 2,4-Dinitrotoluene	10.03	165	44011	7.42	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.82	198	571	5.13	ng	# 1
66) 4-Bromophenyl-phenylether	10.82	248	20567	3.82	ng	# 1

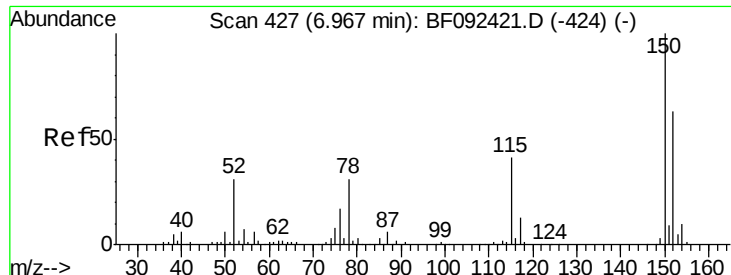
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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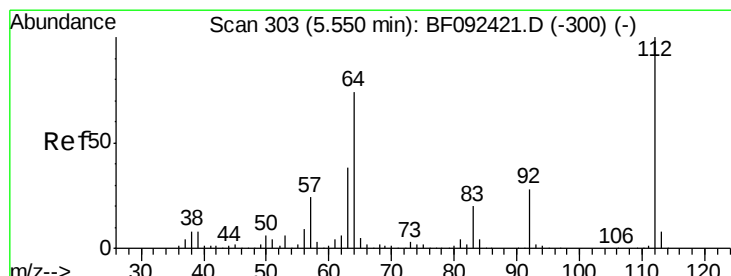
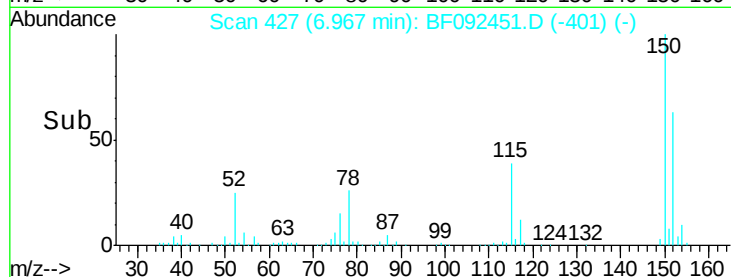
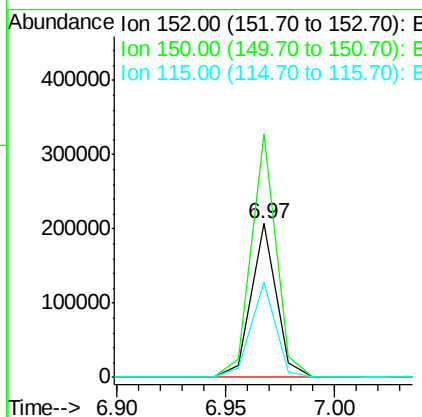
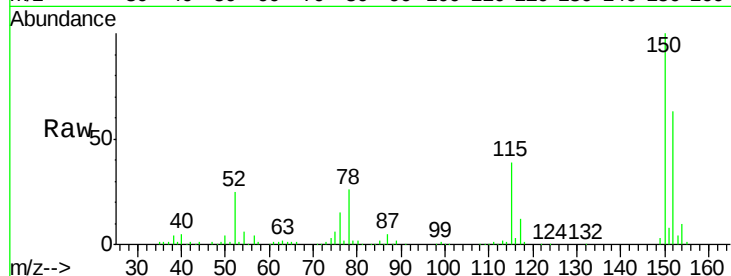




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.97 min Scan# 427
 Delta R.T. -0.00 min
 Lab File: BF092451.D
 Acq: 25 Jan 2017 1:30

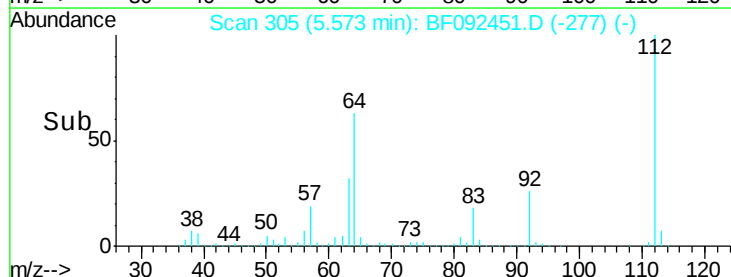
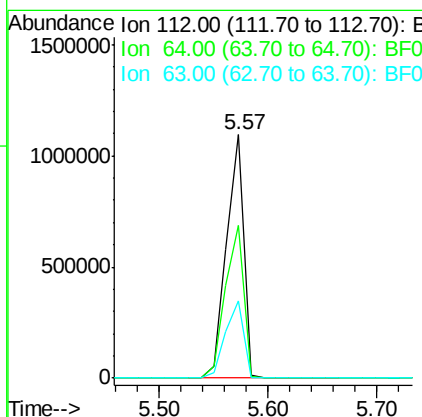
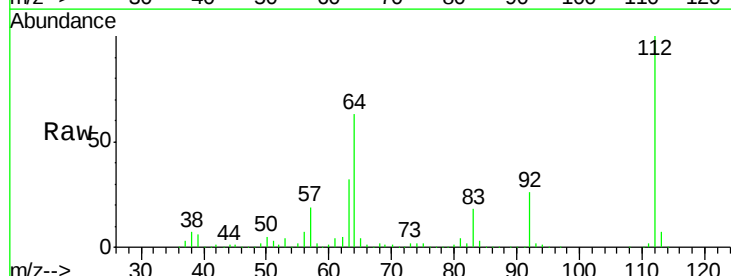
Instrument :
 BNA_F
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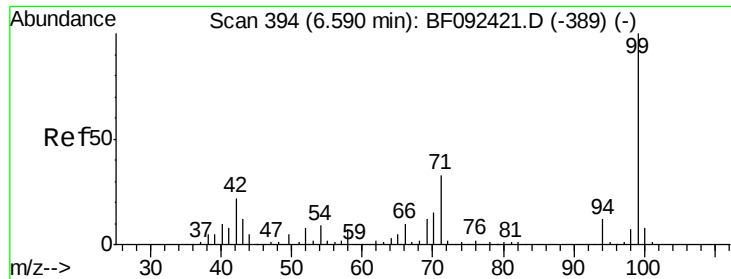
Tgt Ion:152 Resp: 166265
 Ion Ratio Lower Upper
 152 100
 150 158.3 124.9 187.3
 115 61.4 46.0 69.0



#5
 2-Fluorophenol
 Concen: 112.17 ng
 RT: 5.57 min Scan# 305
 Delta R.T. 0.02 min
 Lab File: BF092451.D
 Acq: 25 Jan 2017 1:30

Tgt Ion:112 Resp: 1198714
 Ion Ratio Lower Upper
 112 100
 64 62.9 46.1 69.1
 63 31.6 23.8 35.6





#7

Phenol-d6

Concen: 103.76 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF092451.D

Acq: 25 Jan 2017 1:30

Instrument :

BNA_F

ClientSampleId :

CAS-WCS-011917(15-70)

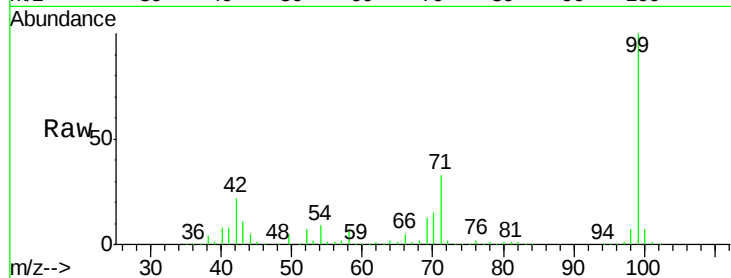
Tgt Ion: 99 Resp: 1412422

Ion Ratio Lower Upper

99 100

42 21.5 15.6 23.4

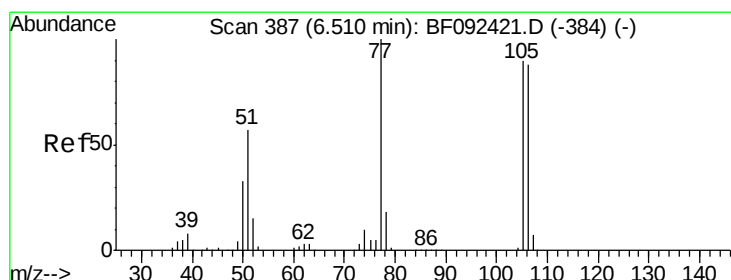
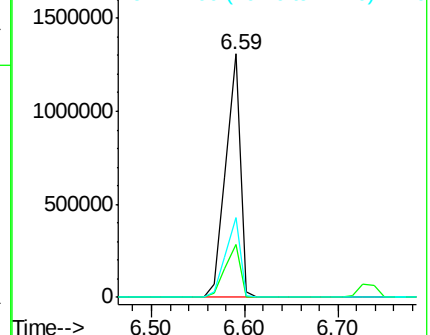
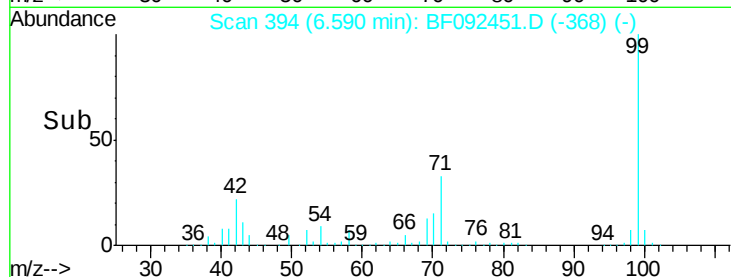
71 32.7 27.5 41.3



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



#9

Benzaldehyde

Concen: 2.88 ng

RT: 6.74 min Scan# 407

Delta R.T. 0.23 min

Lab File: BF092451.D

Acq: 25 Jan 2017 1:30

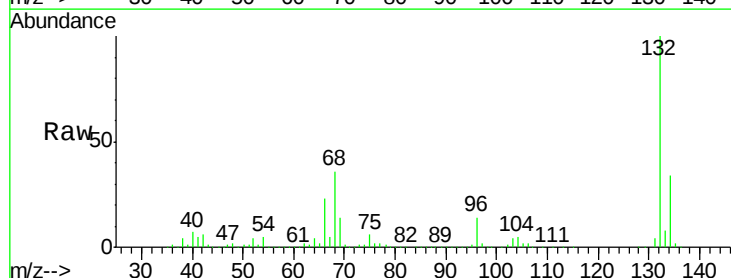
Tgt Ion: 77 Resp: 27839

Ion Ratio Lower Upper

77 100

105 85.4 83.9 123.9

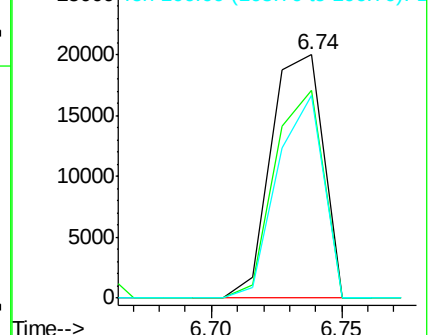
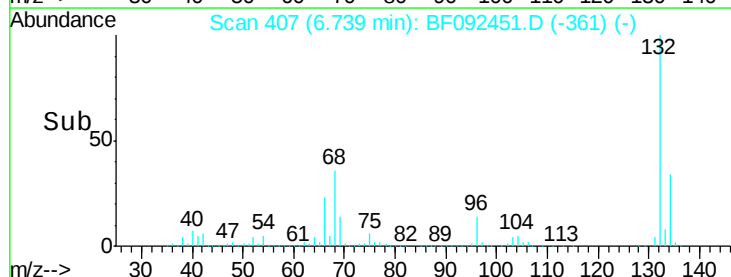
106 83.2 77.6 117.6

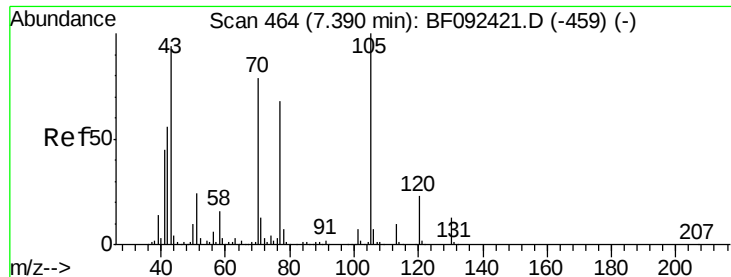


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

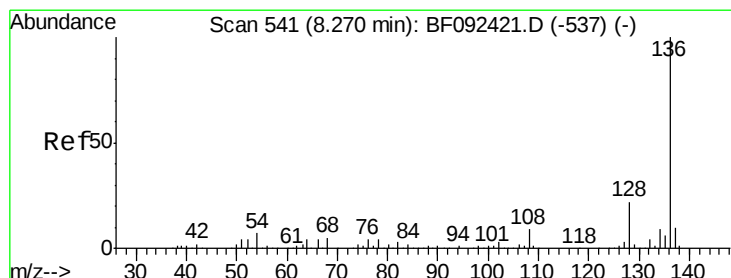
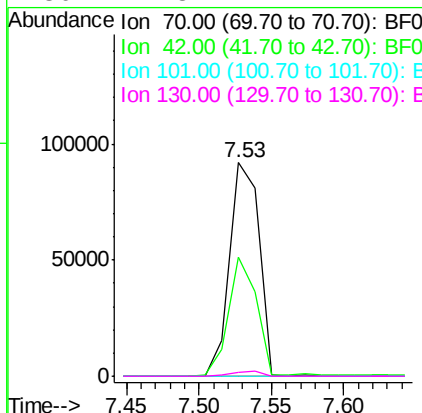
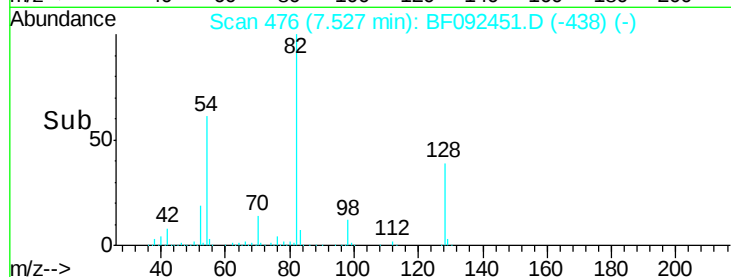
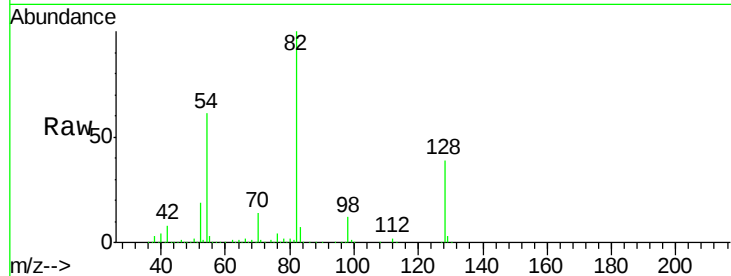




#19
n-Nitroso-di-n-propylamine
Concen: 13.98 ng
RT: 7.53 min Scan# 476
Delta R.T. 0.14 min
Lab File: BF092451.D
Acq: 25 Jan 2017 1:30

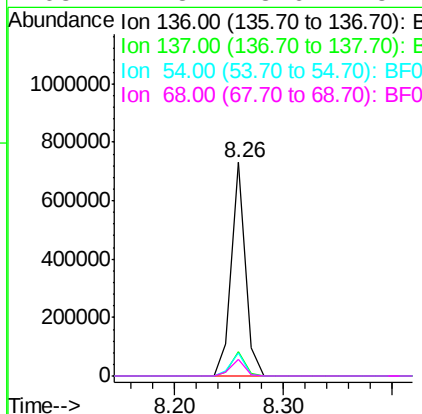
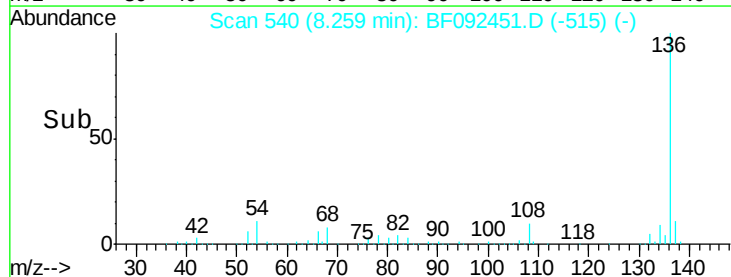
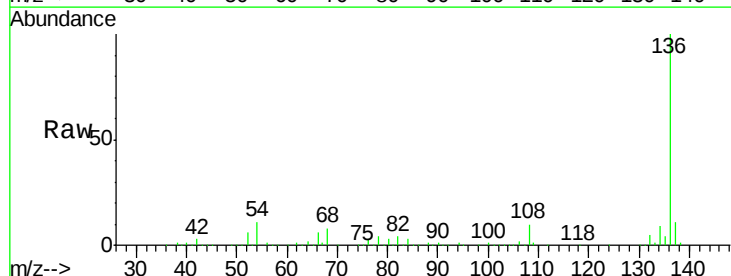
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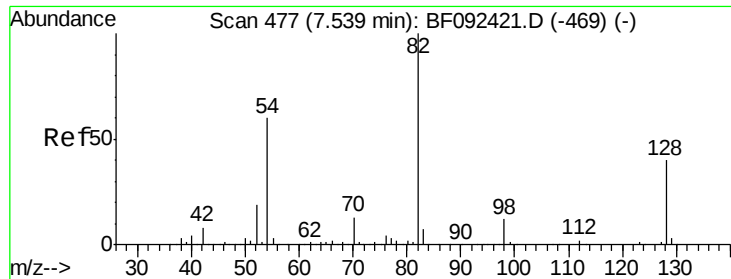
Tgt Ion: 70 Resp: 129604
Ion Ratio Lower Upper
70 100
42 56.0 49.4 74.0
101 0.0 7.4 11.2#
130 1.8 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF092451.D
Acq: 25 Jan 2017 1:30

Tgt Ion: 136 Resp: 643808
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 11.0 4.5 6.7#
68 7.8 3.6 5.4#

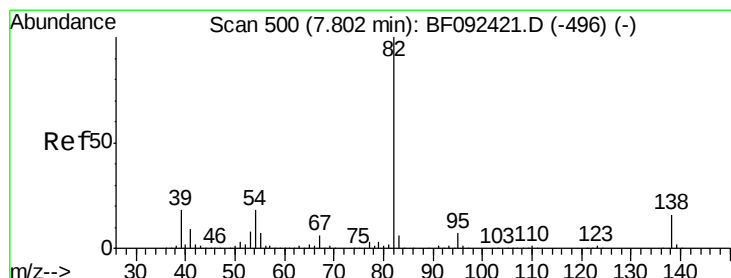
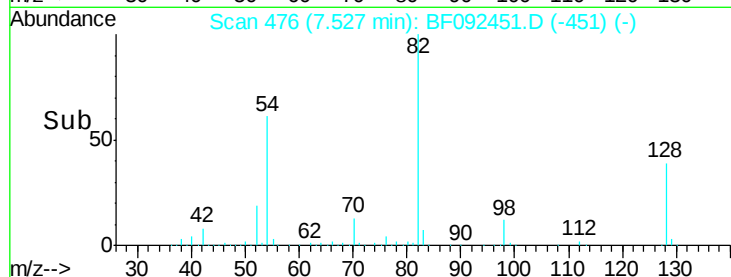
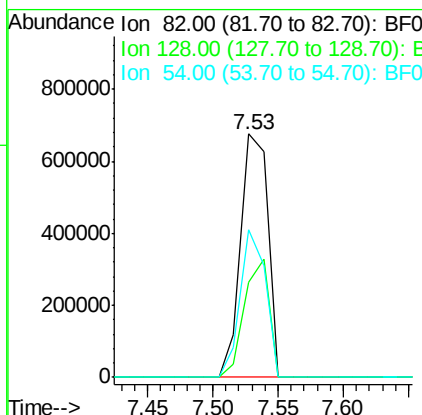
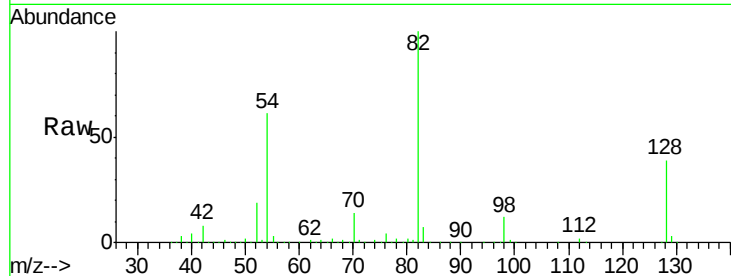




#23
 Nitrobenzene-d5
 Concen: 82.82 ng
 RT: 7.53 min Scan# 476
 Delta R.T. -0.01 min
 Lab File: BF092451.D
 Acq: 25 Jan 2017 1:30

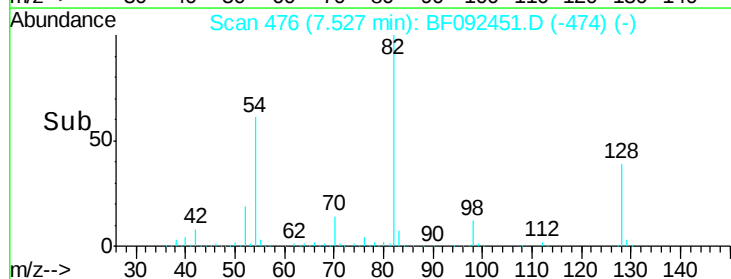
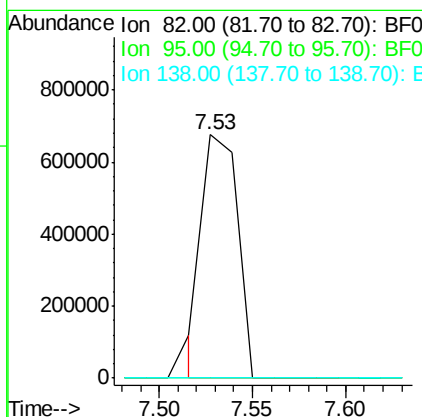
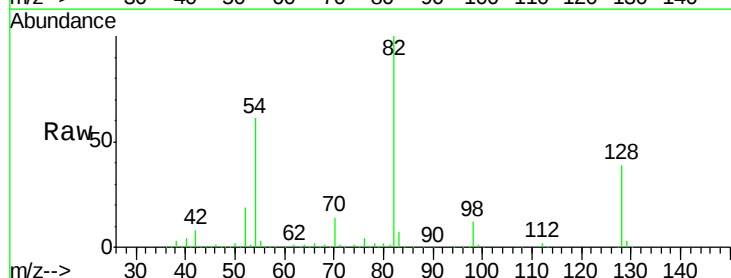
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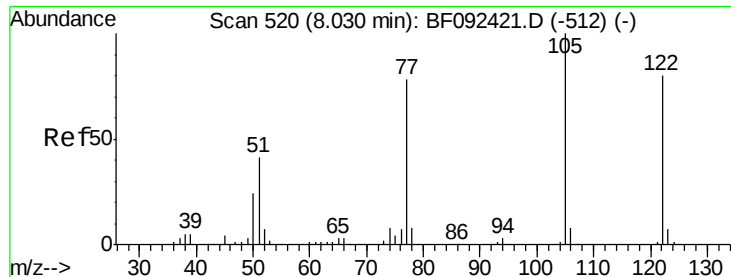
Tgt Ion: 82 Resp: 976131
 Ion Ratio Lower Upper
 82 100
 128 38.9 34.6 52.0
 54 60.6 39.5 59.3#



#25
 Isophorone
 Concen: 38.48 ng
 RT: 7.53 min Scan# 476
 Delta R.T. -0.27 min
 Lab File: BF092451.D
 Acq: 25 Jan 2017 1:30

Tgt Ion: 82 Resp: 893818
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 14.6 22.0#

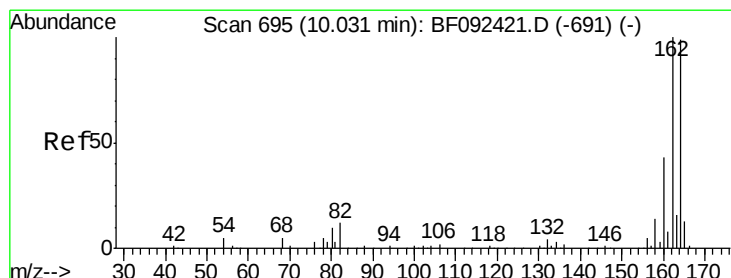
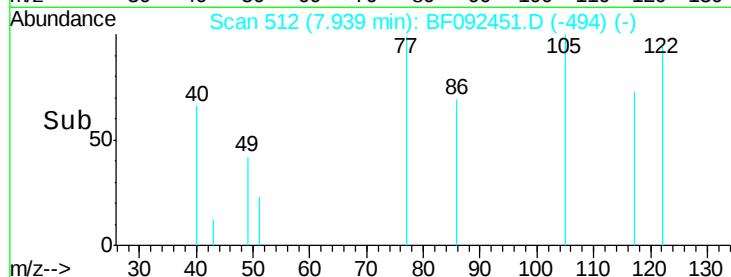
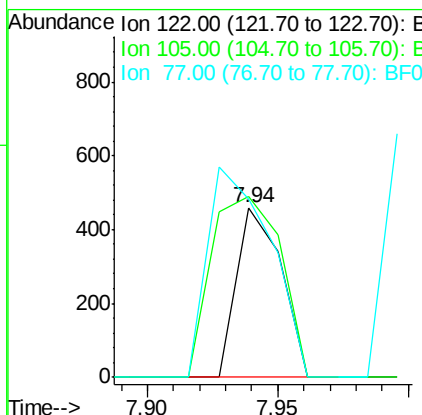
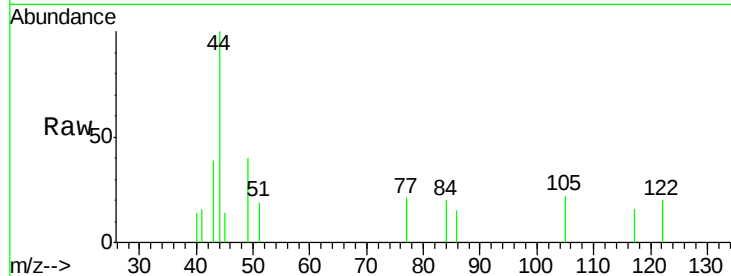




#32
Benzoic acid
Concen: 4.76 ng
RT: 7.94 min Scan# 512
Delta R.T. -0.09 min
Lab File: BF092451.D
Acq: 25 Jan 2017 1:30

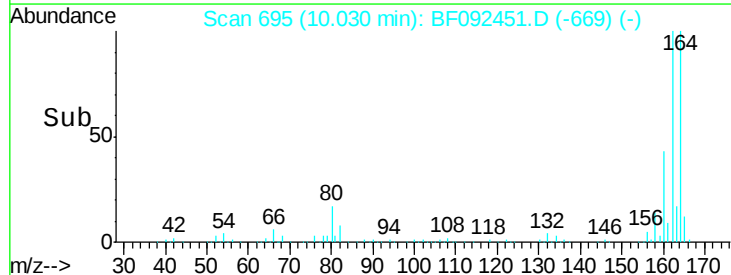
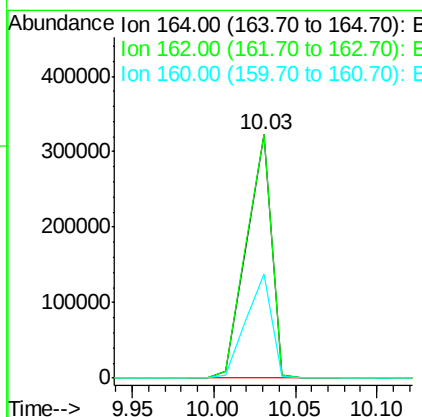
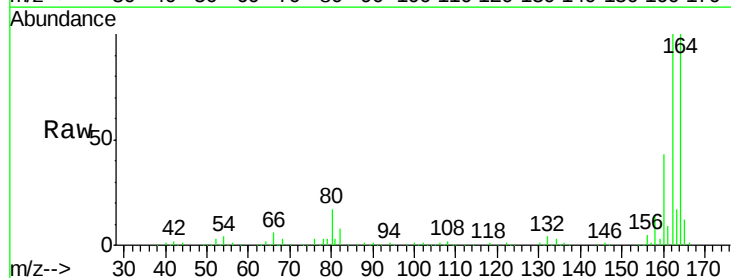
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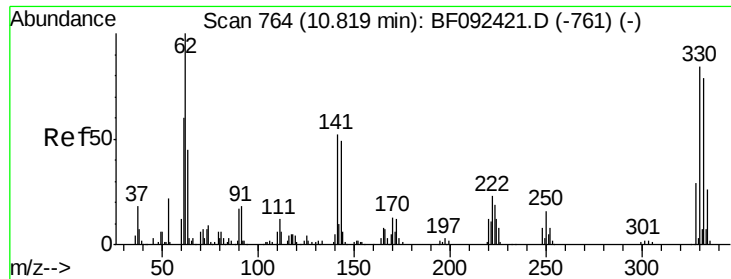
Tgt Ion:122 Resp: 549
Ion Ratio Lower Upper
122 100
105 106.8 107.2 147.2#
77 105.2 74.5 114.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF092451.D
Acq: 25 Jan 2017 1:30

Tgt Ion:164 Resp: 343966
Ion Ratio Lower Upper
164 100
162 100.0 80.2 120.2
160 42.7 36.9 55.3

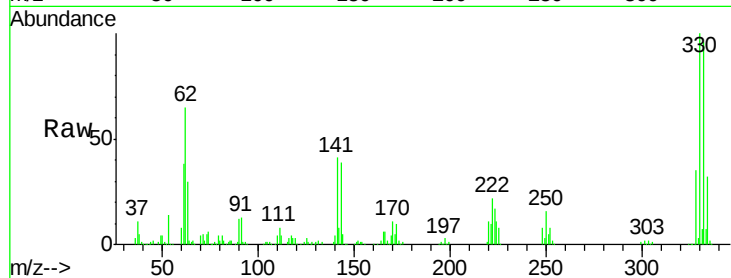




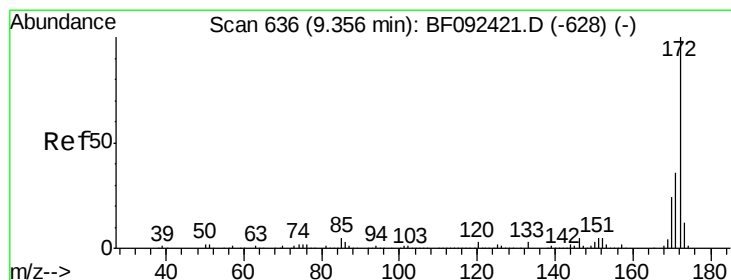
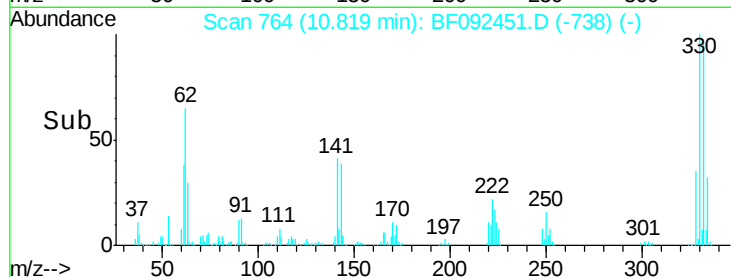
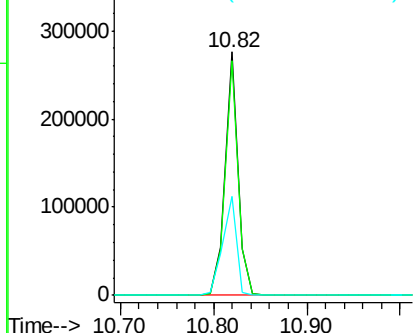
#41
 2,4,6-Tribromophenol
 Concen: 114.04 ng
 RT: 10.82 min Scan# 764
 Delta R.T. -0.00 min
 Lab File: BF092451.D
 Acq: 25 Jan 2017 1:30

Instrument :
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 ClientSampleId :
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Tgt Ion:330 Resp: 267308
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.4 116.2
 141 43.1 34.1 51.1

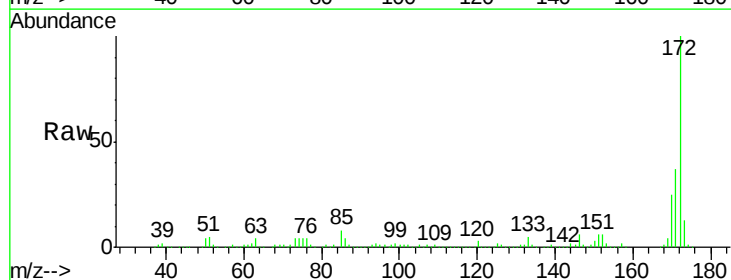


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

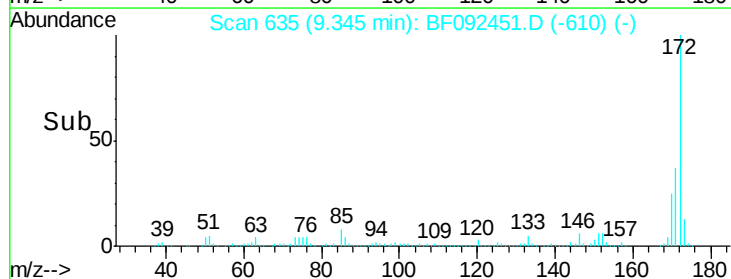
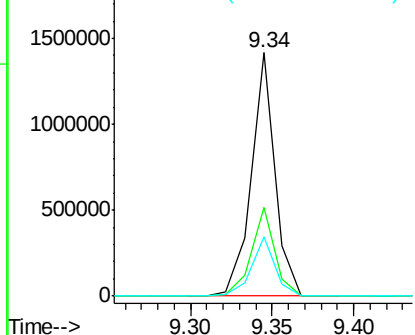


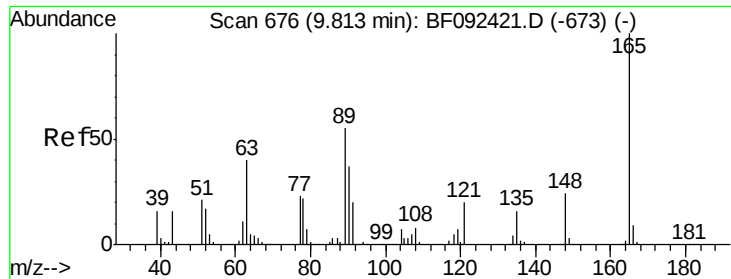
#44
 2-Fluorobiphenyl
 Concen: 76.65 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092451.D
 Acq: 25 Jan 2017 1:30

Tgt Ion:172 Resp: 1425744
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.0
 170 24.6 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

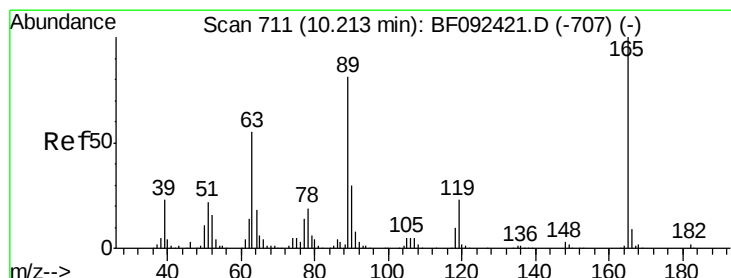
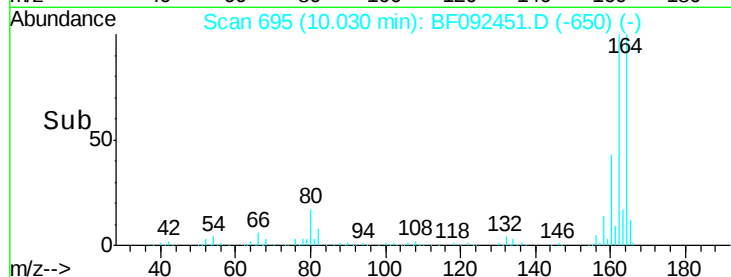
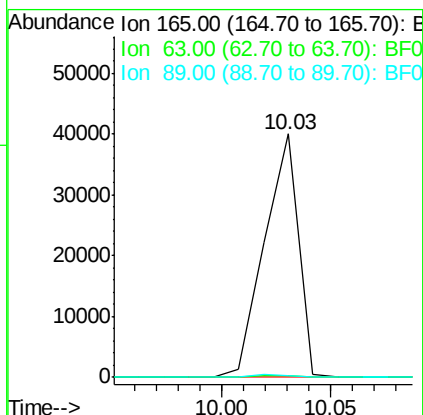
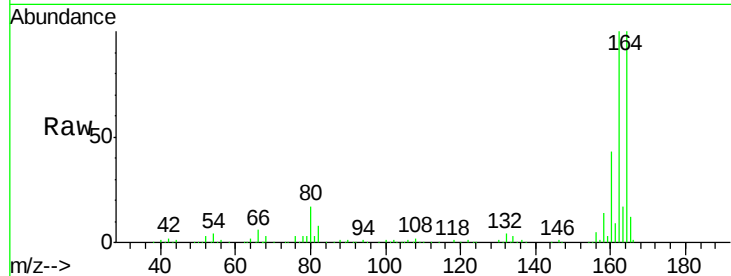




#50
2,6-Dinitrotoluene
Concen: 9.84 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.22 min
Lab File: BF092451.D
Acq: 25 Jan 2017 1:30

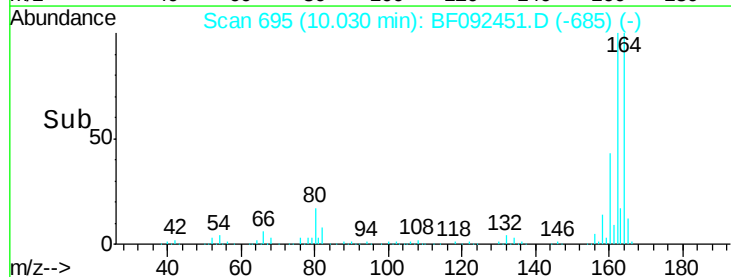
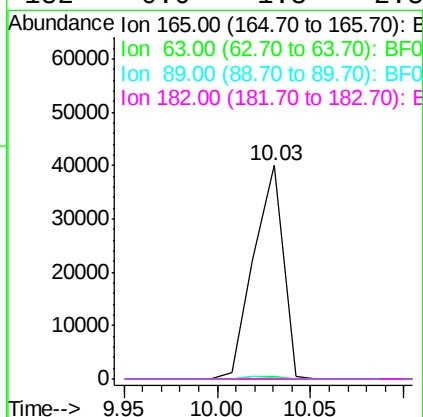
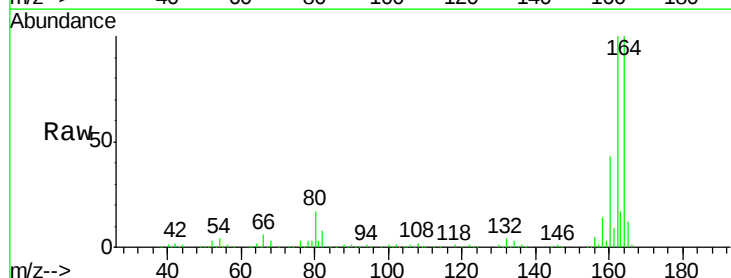
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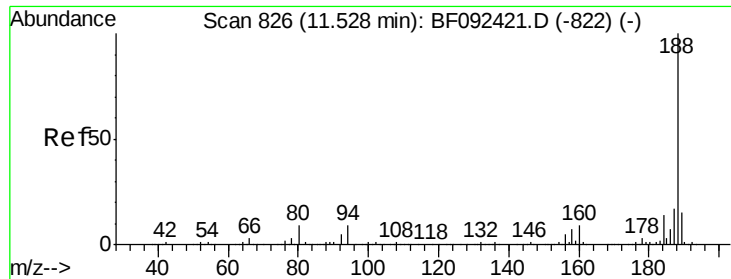
Tgt Ion:165 Resp: 44007
Ion Ratio Lower Upper
165 100
63 0.9 36.2 54.4#
89 0.8 40.2 60.4#



#56
2,4-Dinitrotoluene
Concen: 7.42 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.18 min
Lab File: BF092451.D
Acq: 25 Jan 2017 1:30

Tgt Ion:165 Resp: 44011
Ion Ratio Lower Upper
165 100
63 0.9 40.2 60.4#
89 0.8 62.5 93.7#
182 0.0 1.8 2.8#

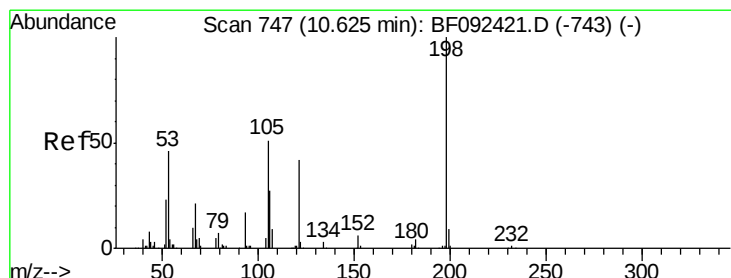
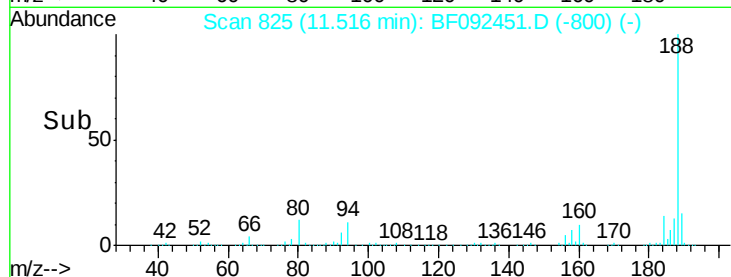
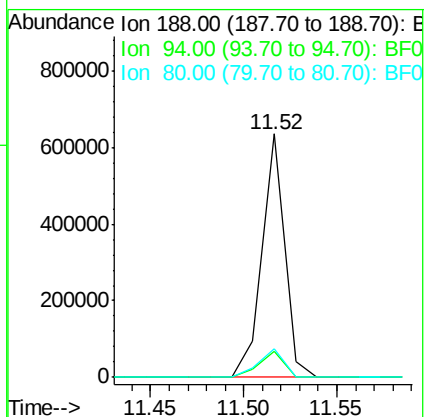
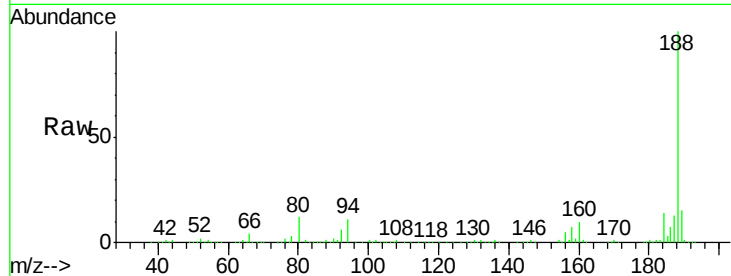




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.52 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF092451.D
Acq: 25 Jan 2017 1:30

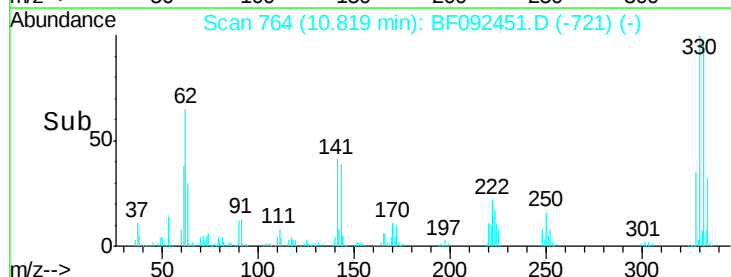
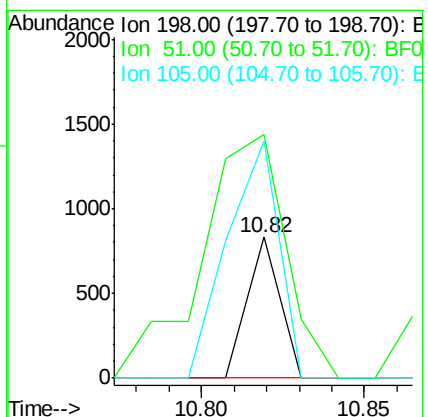
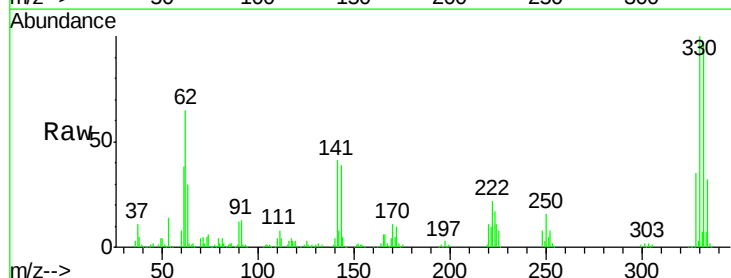
Instrument :
BNA_F
ClientSampleId :
CAS-WCS-011917(15-70)

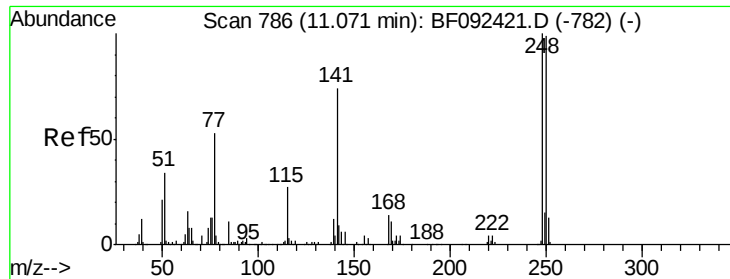
Tgt Ion:188 Resp: 533398
Ion Ratio Lower Upper
188 100
94 10.6 10.0 15.0
80 11.6 11.2 16.8



#64
4,6-Dinitro-2-methylphenol
Concen: 5.13 ng
RT: 10.82 min Scan# 764
Delta R.T. 0.20 min
Lab File: BF092451.D
Acq: 25 Jan 2017 1:30

Tgt Ion:198 Resp: 571
Ion Ratio Lower Upper
198 100
51 172.7 6.7 46.7#
105 167.9 16.6 56.6#

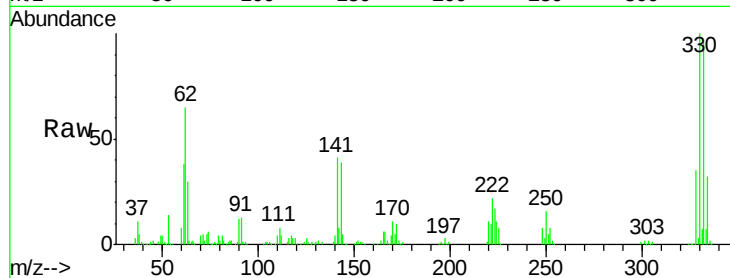




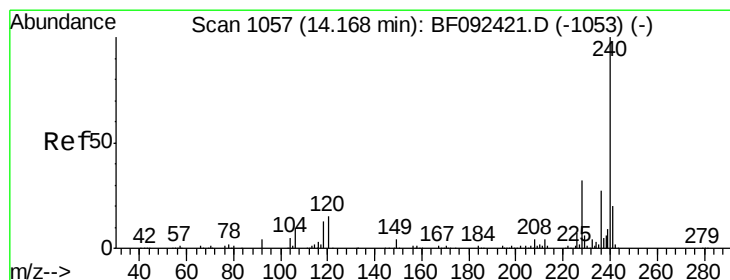
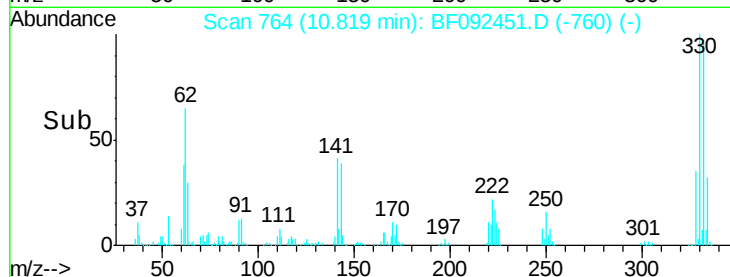
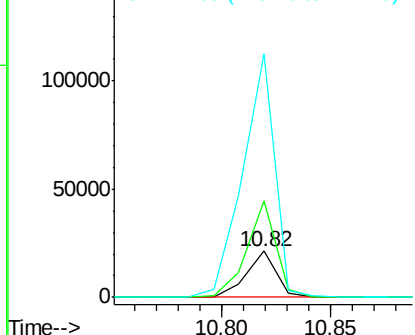
#66
4-Bromophenyl-phenylether
Concen: 3.82 ng
RT: 10.82 min Scan# 764
Delta R.T. -0.25 min
Lab File: BF092451.D
Acq: 25 Jan 2017 1:30

Instrument :
BNA_F
ClientSampleId :
CAS-WCS-011917(15-70)

Tgt Ion:248 Resp: 20567
Ion Ratio Lower Upper
248 100
250 206.8 76.9 115.3#
141 524.7 68.2 102.4#

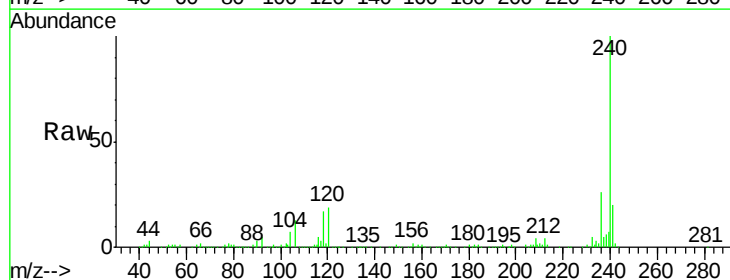


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

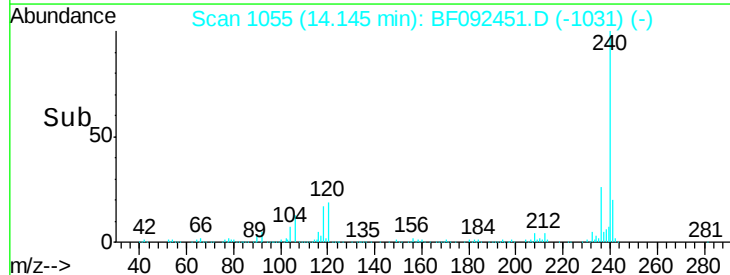
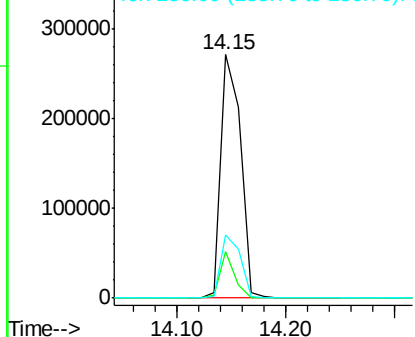


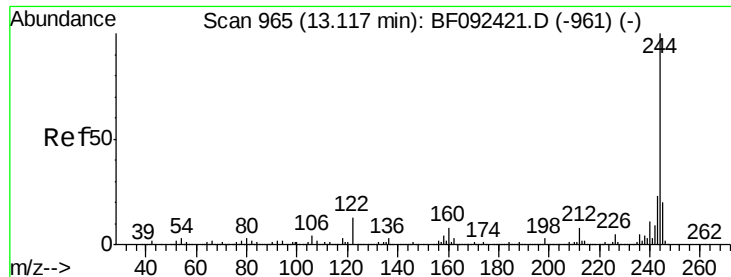
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.15 min Scan# 1055
Delta R.T. -0.02 min
Lab File: BF092451.D
Acq: 25 Jan 2017 1:30

Tgt Ion:240 Resp: 344449
Ion Ratio Lower Upper
240 100
120 19.2 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

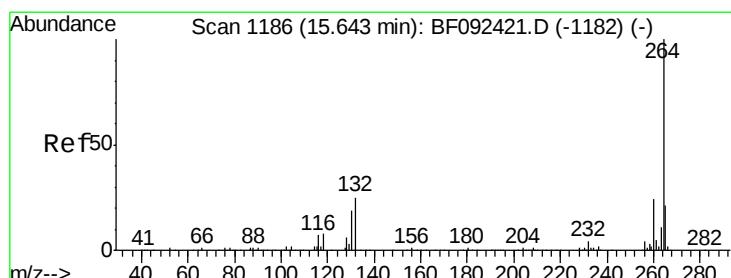
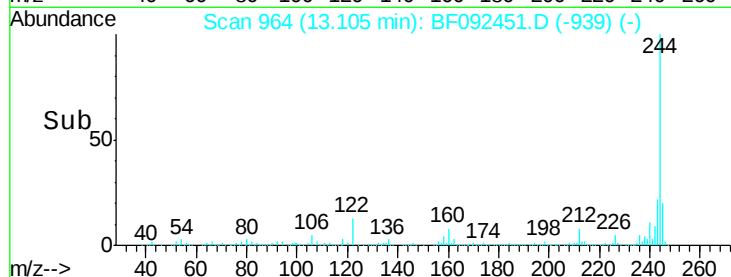
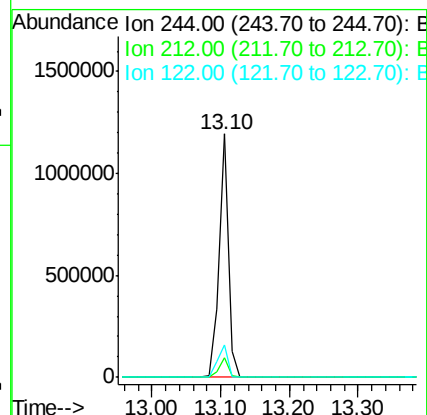
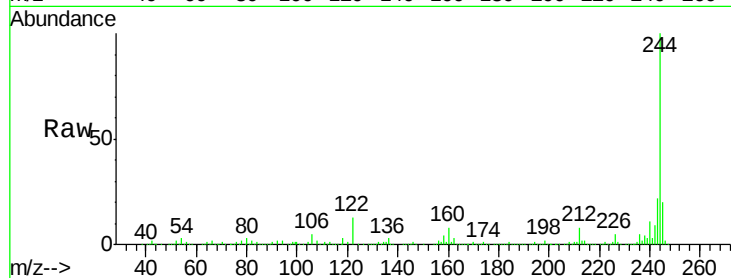




#78
 Terphenyl-d14
 Concen: 89.02 ng
 RT: 13.10 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: BF092451.D
 Acq: 25 Jan 2017 1:30

Instrument :
 BNA_F
 ClientSampleId :
 CAS-WCS-011917(15-70)

Tgt Ion:244 Resp: 1151506
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 13.4 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: BF092451.D
 Acq: 25 Jan 2017 1:30

Tgt Ion:264 Resp: 325771
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.2 28.8
 265 21.4 17.4 26.0

