

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031317\
 Data File : BF093620.D
 Acq On : 13 Mar 2017 21:07
 Operator : SJ/MA
 Sample : I2230-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-2-CHAR

Quant Time: Mar 14 01:05:38 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

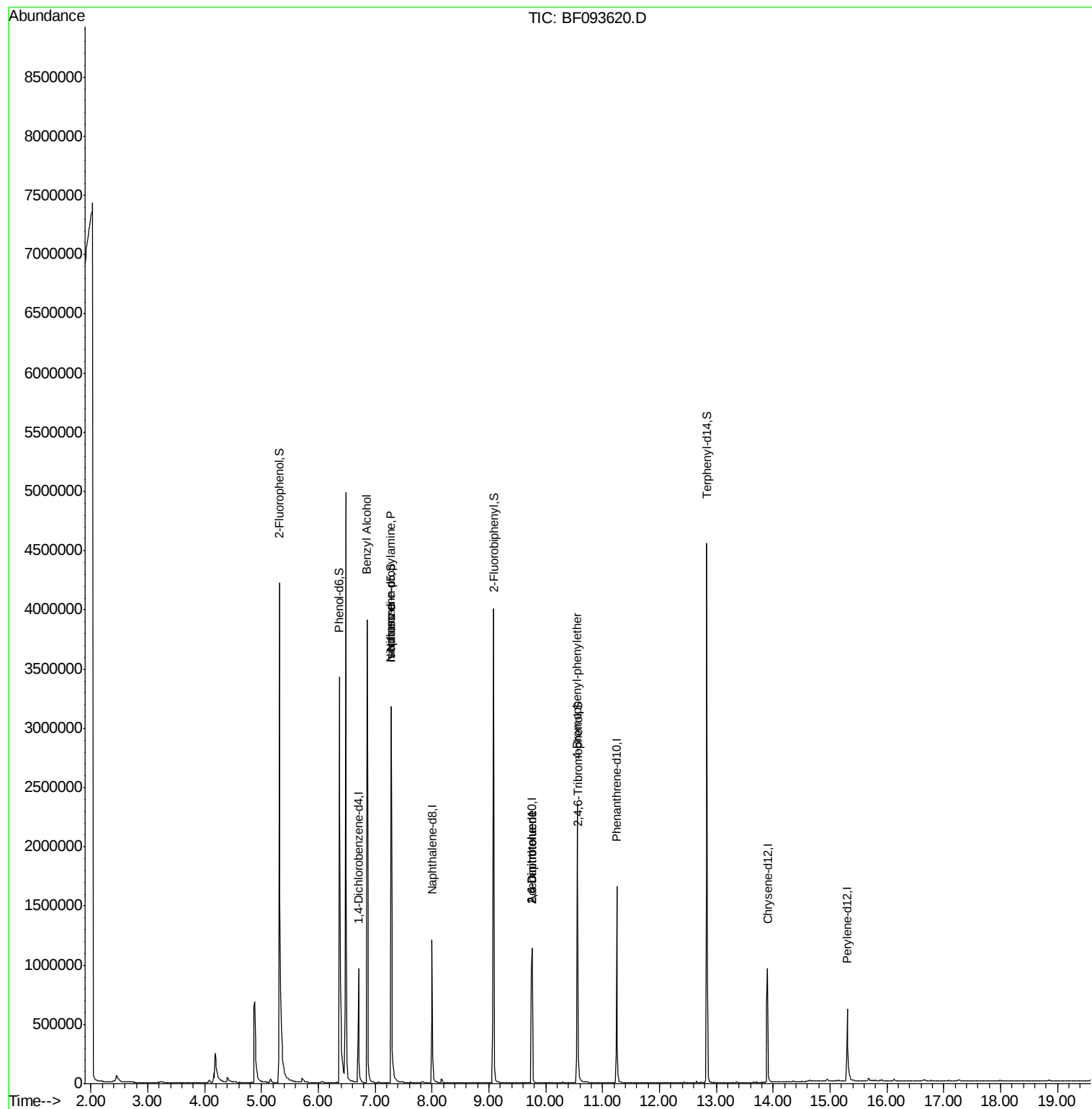
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	170617	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	689816	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	323686	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	634132	20.00	ng	0.00
75) Chrysene-d12	13.90	240	478812	20.00	ng	0.01
86) Perylene-d12	15.31	264	295473	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1578851	154.01	ng	0.00
7) Phenol-d6	6.37	99	1946159	150.55	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1243181	99.99	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	391484	185.64	ng	0.01
44) 2-Fluorobiphenyl	9.09	172	1990495	114.38	ng	0.00
78) Terphenyl-d14	12.84	244	1617206	87.81	ng	0.01
Target Compounds						
9) Benzaldehyde	6.37	77	2958	Below Cal	#	1
15) Benzyl Alcohol	6.86	79	19126	2.08 ng	#	45
19) n-Nitroso-di-n-propylamine	7.28	70	168438	18.95 ng	#	84
25) Isophorone	7.28	82	1206893	48.14 ng	#	65
50) 2,6-Dinitrotoluene	9.76	165	39431	8.37 ng	#	32
56) 2,4-Dinitrotoluene	9.76	165	39431	6.82 ng	#	21
66) 4-Bromophenyl-phenylether	10.55	248	27380	4.08 ng	#	1

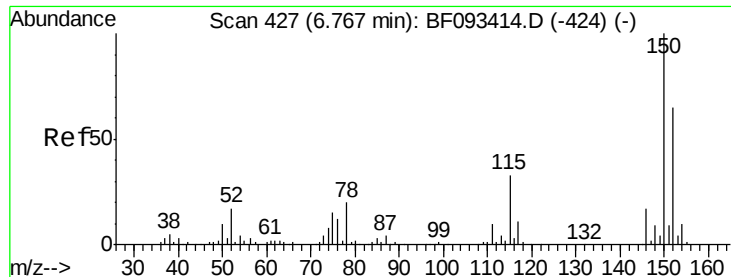
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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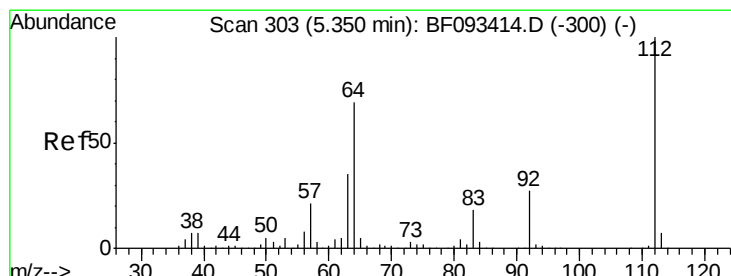
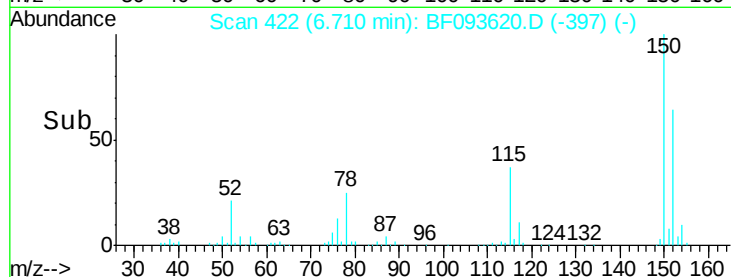
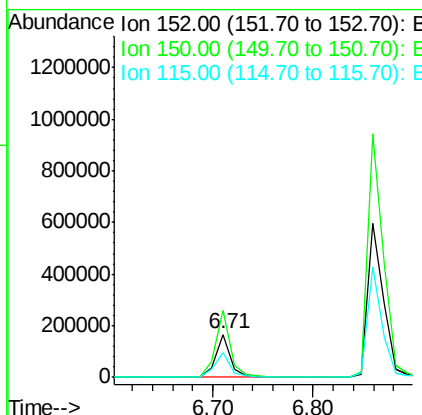
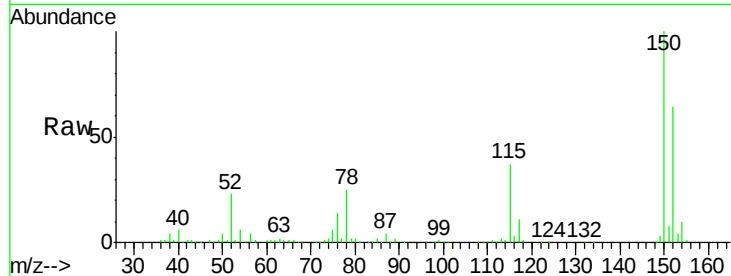


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF093620.D
Acq: 13 Mar 2017 21:07

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-2-CHAR

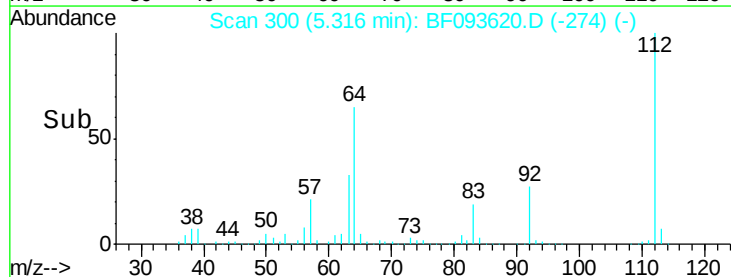
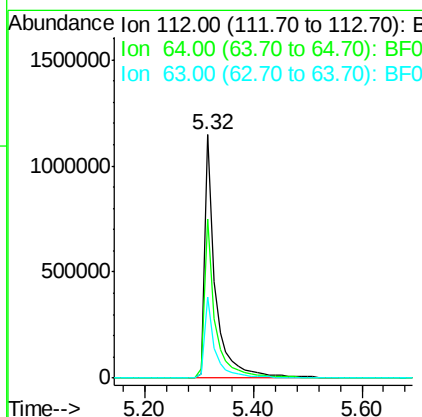
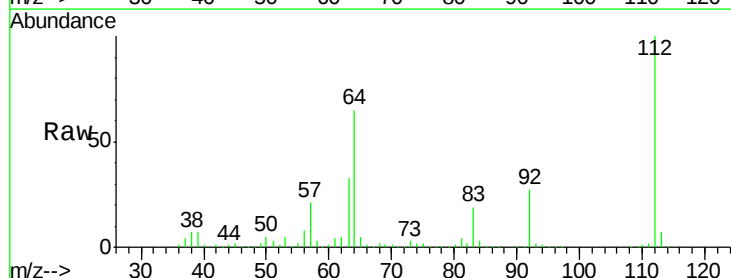
Tgt Ion:152 Resp: 170617
Ion Ratio Lower Upper
152 100
150 156.5 124.9 187.3
115 57.3 46.0 69.0

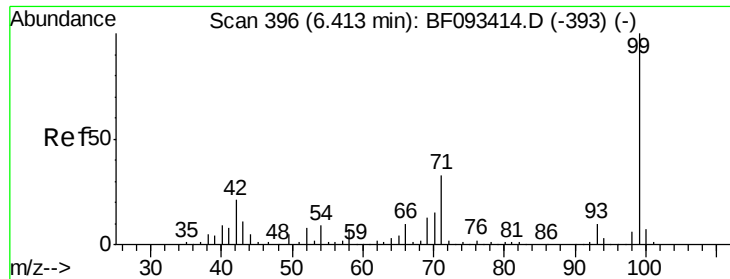


#5

2-Fluorophenol
Concen: 154.01 ng
RT: 5.32 min Scan# 300
Delta R.T. 0.00 min
Lab File: BF093620.D
Acq: 13 Mar 2017 21:07

Tgt Ion:112 Resp: 1578851
Ion Ratio Lower Upper
112 100
64 65.3 46.1 69.1
63 33.4 23.8 35.6





#7

Phenol-d6

Concen: 150.55 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF093620.D

Acq: 13 Mar 2017 21:07

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-2-CHAR

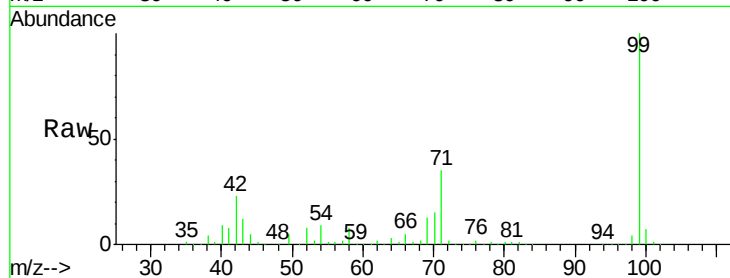
Tgt Ion: 99 Resp: 1946159

Ion Ratio Lower Upper

99 100

42 22.9 15.6 23.4

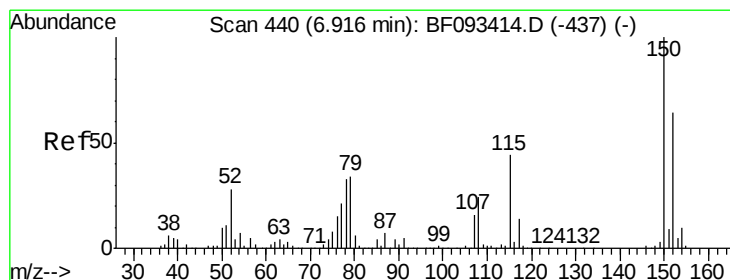
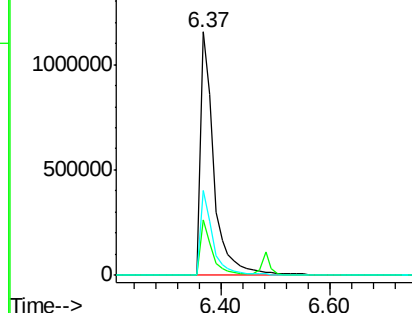
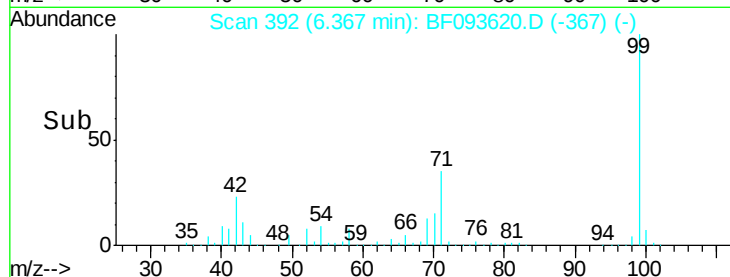
71 34.7 27.5 41.3



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



#15

Benzyl Alcohol

Concen: 2.08 ng

RT: 6.86 min Scan# 435

Delta R.T. -0.02 min

Lab File: BF093620.D

Acq: 13 Mar 2017 21:07

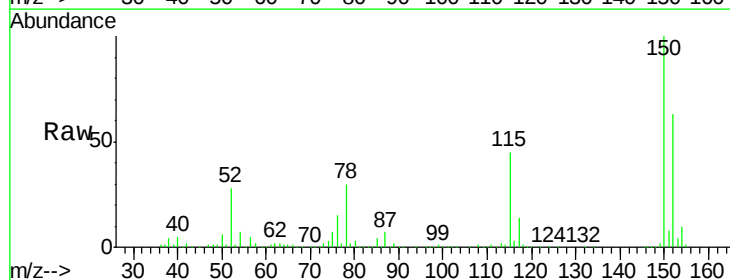
Tgt Ion: 79 Resp: 19126

Ion Ratio Lower Upper

79 100

108 27.9 61.4 92.0#

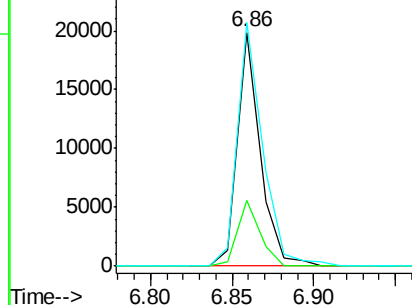
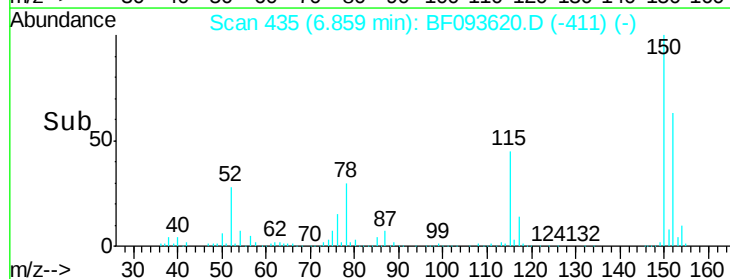
77 104.3 50.9 76.3#

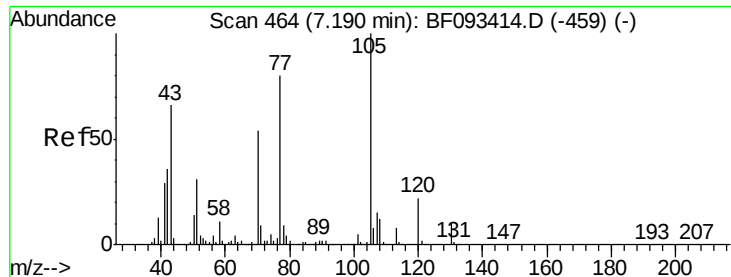


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

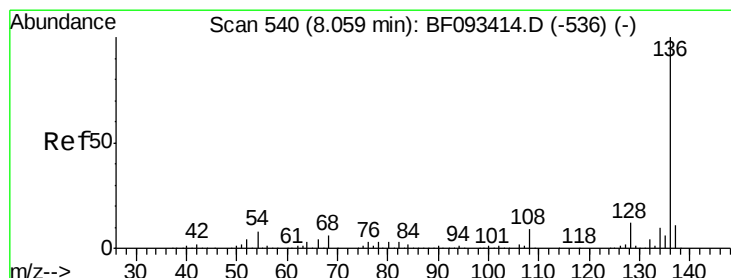
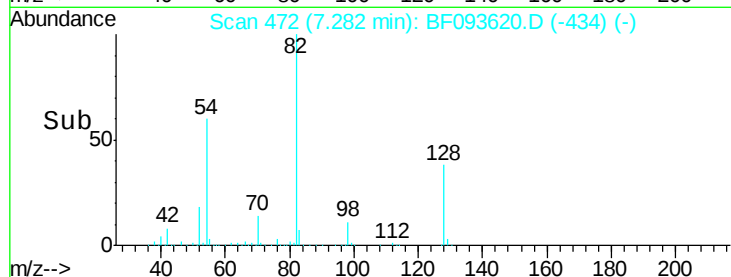
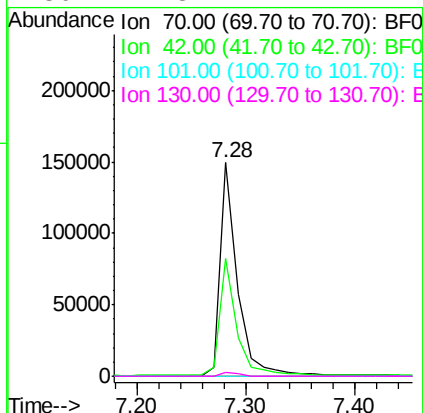
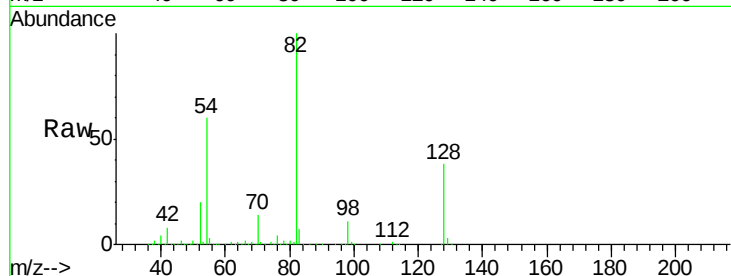




#19
n-Nitroso-di-n-propylamine
Concen: 18.95 ng
RT: 7.28 min Scan# 472
Delta R.T. 0.14 min
Lab File: BF093620.D
Acq: 13 Mar 2017 21:07

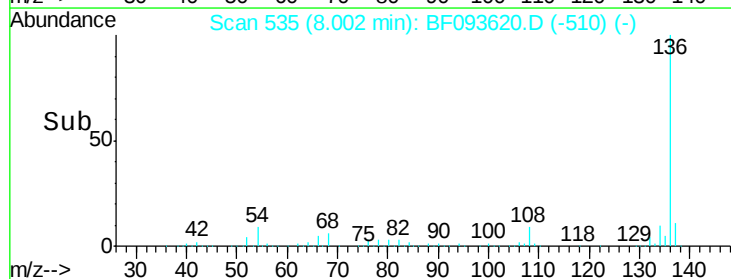
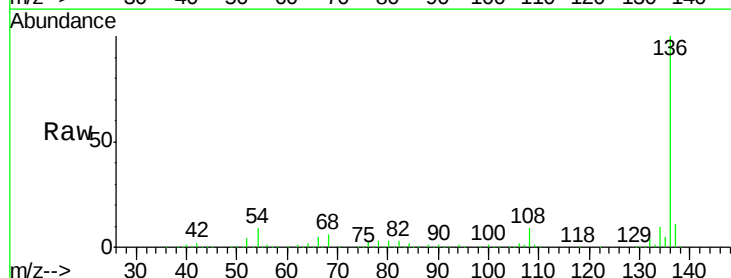
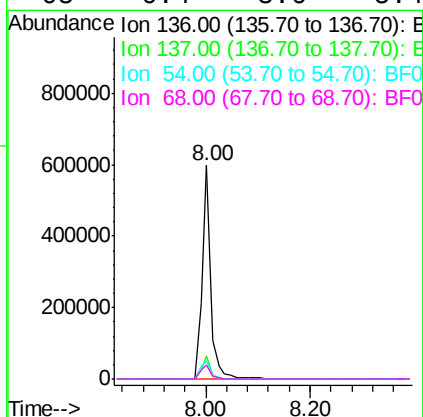
Instrument :
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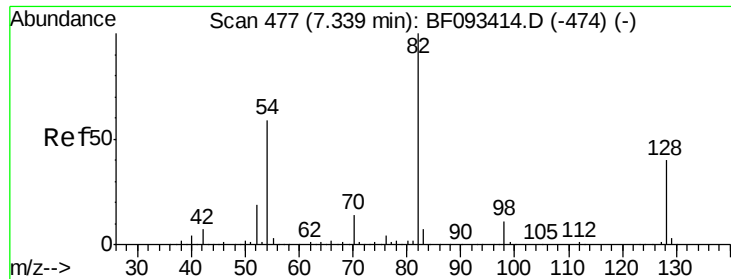
Tgt Ion: 70 Resp: 168438
Ion Ratio Lower Upper
70 100
42 55.1 49.4 74.0
101 0.0 7.4 11.2#
130 1.8 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093620.D
Acq: 13 Mar 2017 21:07

Tgt Ion: 136 Resp: 689816
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 8.7 4.5 6.7#
68 6.4 3.6 5.4#

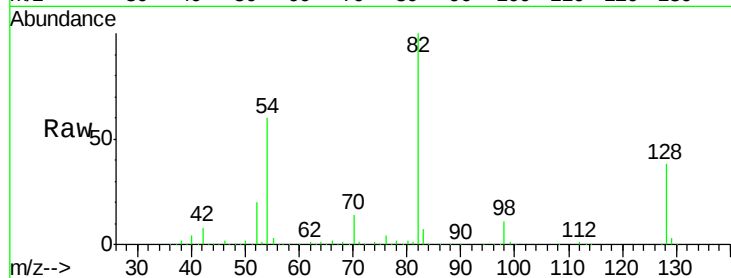




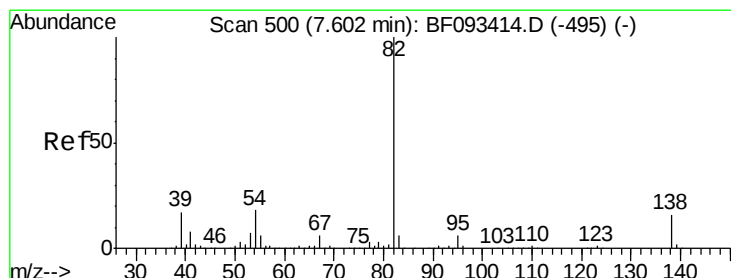
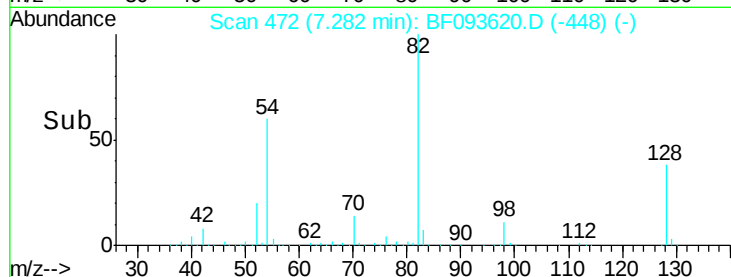
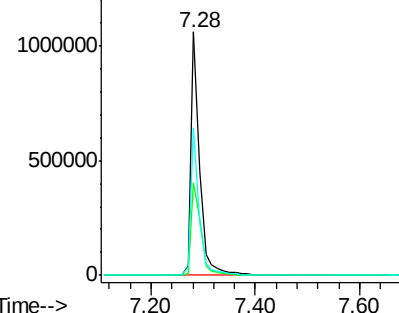
#23
Nitrobenzene-d5
Concen: 99.99 ng
RT: 7.28 min Scan# 472
Delta R.T. -0.02 min
Lab File: BF093620.D
Acq: 13 Mar 2017 21:07

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-2-CHAR

Tgt Ion: 82 Resp: 1243181
Ion Ratio Lower Upper
82 100
128 38.2 34.6 52.0
54 60.4 39.5 59.3#

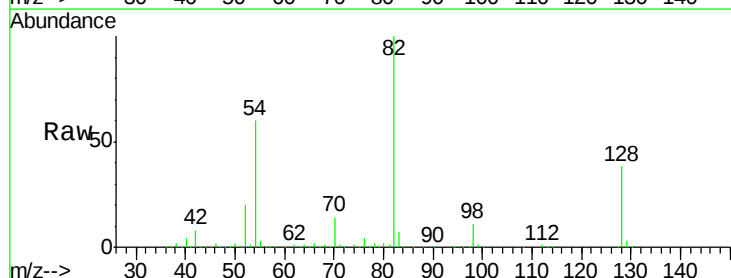


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

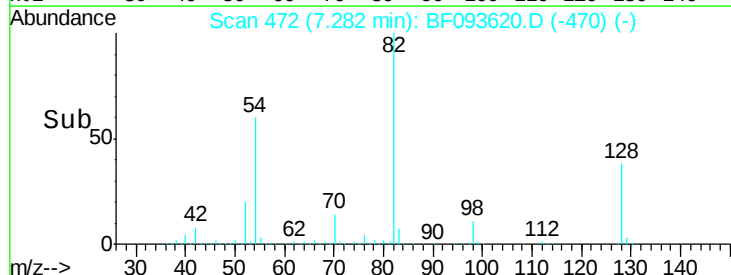
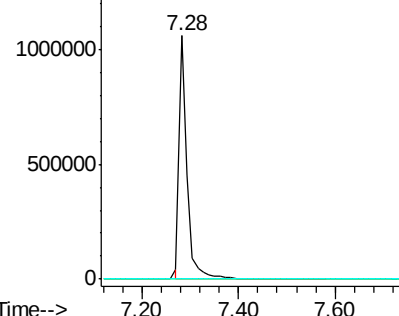


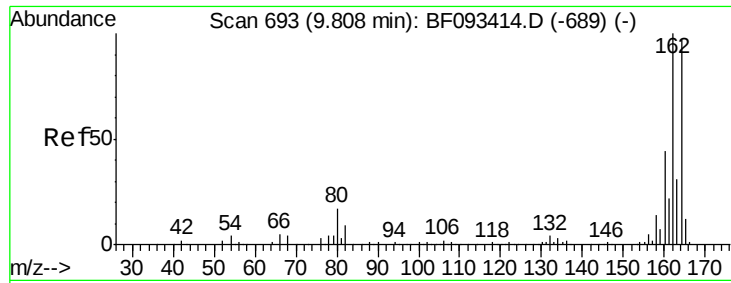
#25
Isophorone
Concen: 48.14 ng
RT: 7.28 min Scan# 472
Delta R.T. -0.27 min
Lab File: BF093620.D
Acq: 13 Mar 2017 21:07

Tgt Ion: 82 Resp: 1206893
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.6 22.0#



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

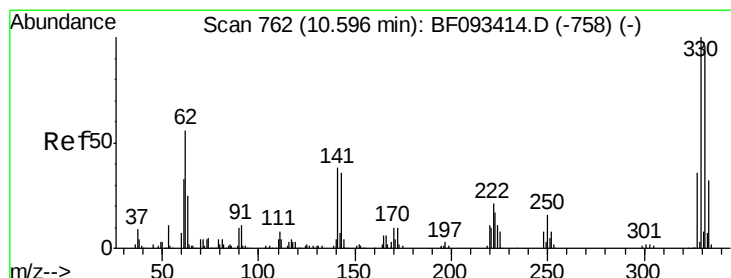
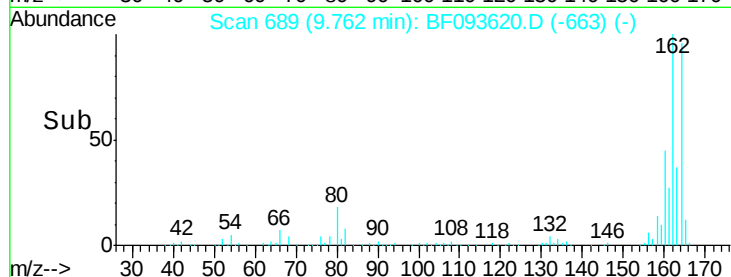
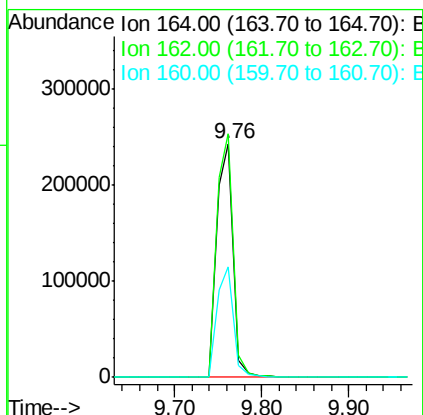
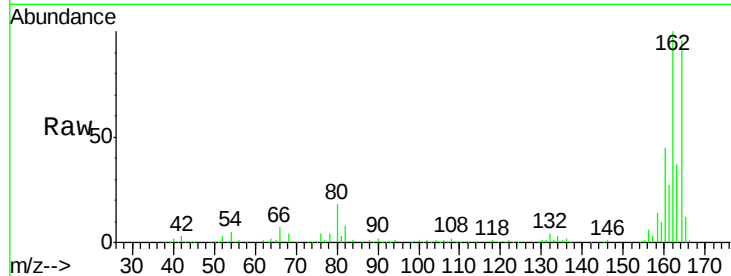




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: BF093620.D
 Acq: 13 Mar 2017 21:07

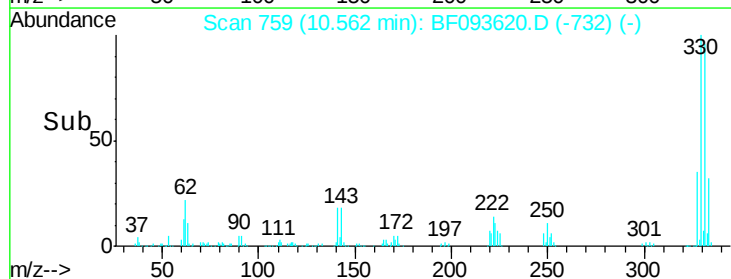
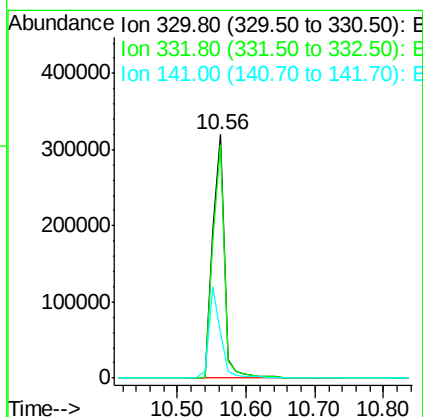
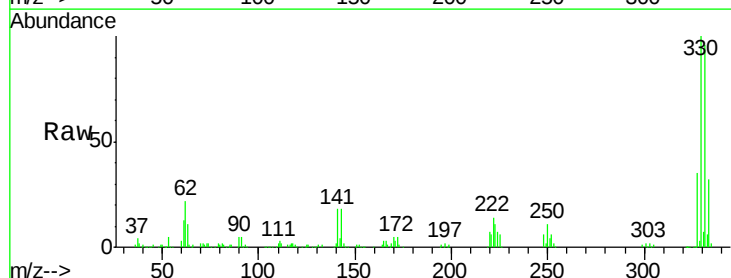
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 COMPOSITE-2-CHAR

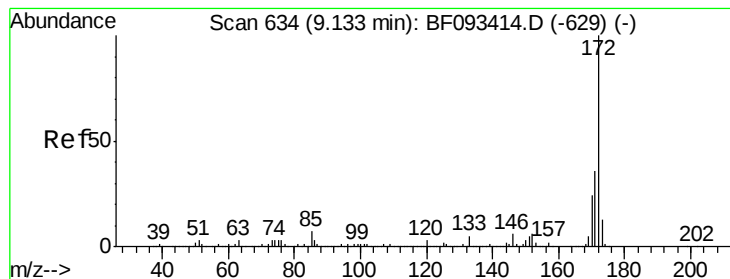
Tgt Ion:164 Resp: 323686
 Ion Ratio Lower Upper
 164 100
 162 104.3 80.2 120.2
 160 47.4 36.9 55.3



#41
 2,4,6-Tribromophenol
 Concen: 185.64 ng
 RT: 10.56 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: BF093620.D
 Acq: 13 Mar 2017 21:07

Tgt Ion:330 Resp: 391484
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.4 116.2
 141 36.9 34.1 51.1





#44

2-Fluorobiphenyl

Concen: 114.38 ng

RT: 9.09 min Scan# 630

Delta R.T. 0.00 min

Lab File: BF093620.D

Acq: 13 Mar 2017 21:07

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-2-CHAR

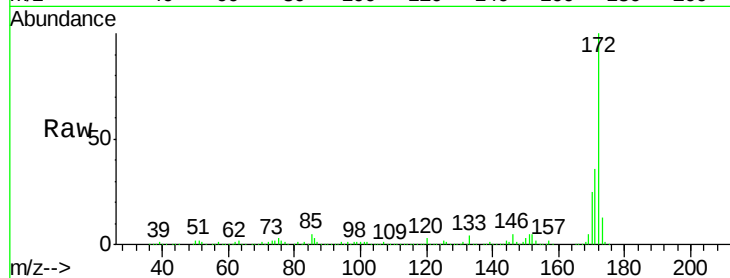
Tgt Ion:172 Resp: 1990495

Ion Ratio Lower Upper

172 100

171 36.3 29.4 44.0

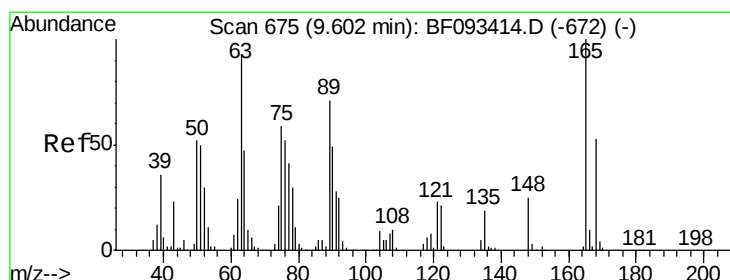
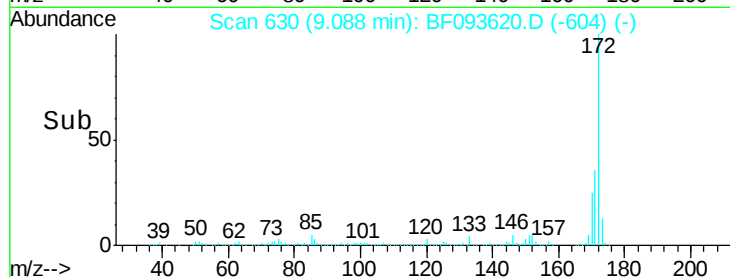
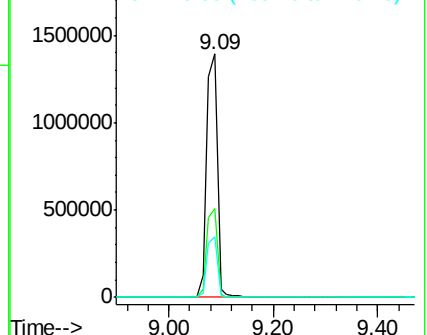
170 24.7 20.2 30.4



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: 8.37 ng

RT: 9.76 min Scan# 689

Delta R.T. 0.19 min

Lab File: BF093620.D

Acq: 13 Mar 2017 21:07

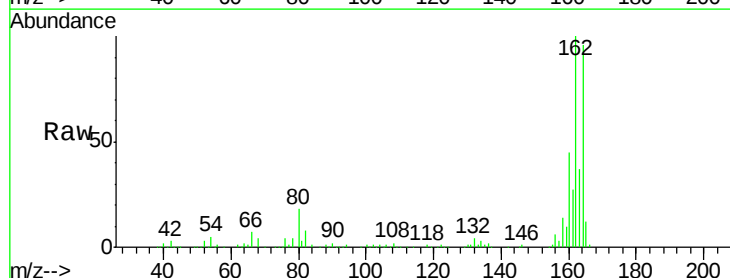
Tgt Ion:165 Resp: 39431

Ion Ratio Lower Upper

165 100

63 2.0 36.2 54.4#

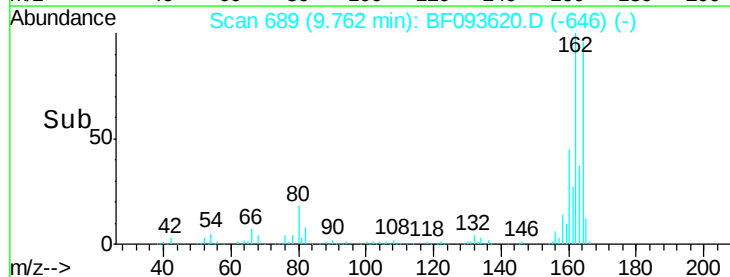
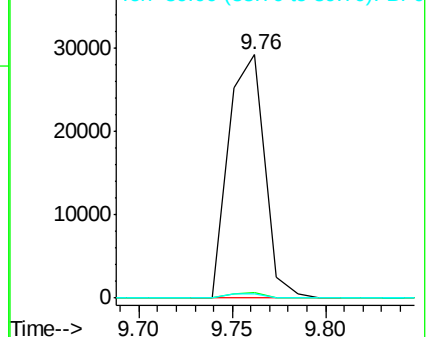
89 2.0 40.2 60.4#

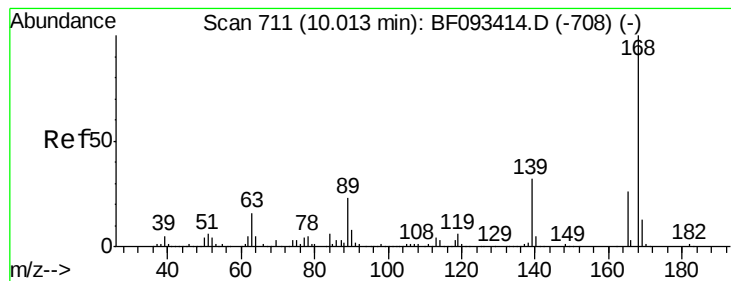


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

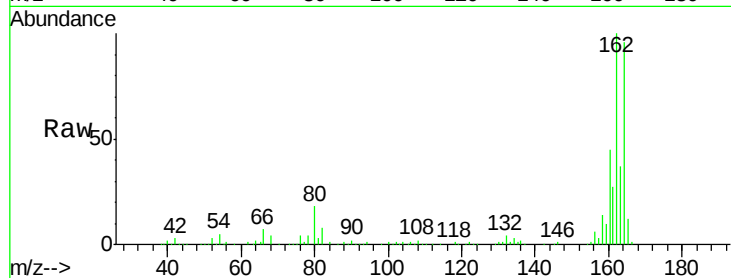




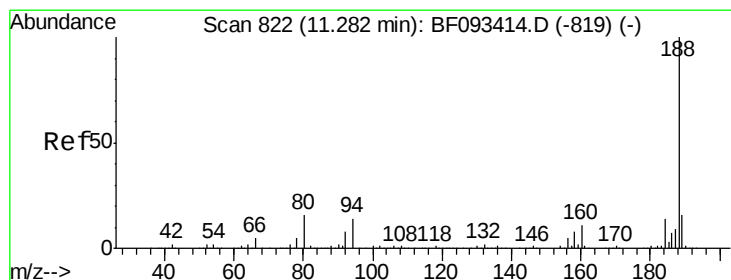
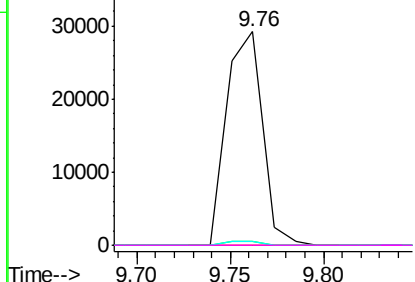
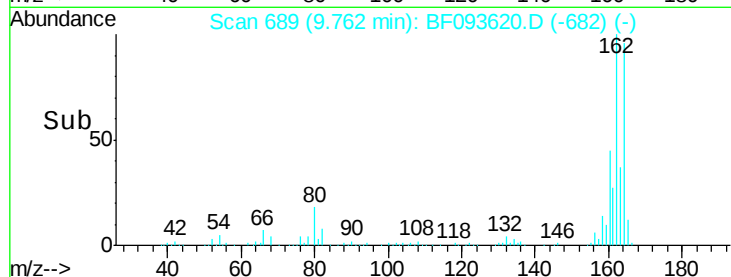
#56
 2,4-Dinitrotoluene
 Concen: 6.82 ng
 RT: 9.76 min Scan# 689
 Delta R.T. -0.22 min
 Lab File: BF093620.D
 Acq: 13 Mar 2017 21:07

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-2-CHAR

Tgt Ion:165 Resp: 39431
 Ion Ratio Lower Upper
 165 100
 63 2.0 40.2 60.4#
 89 2.0 62.5 93.7#
 182 0.0 1.8 2.8#

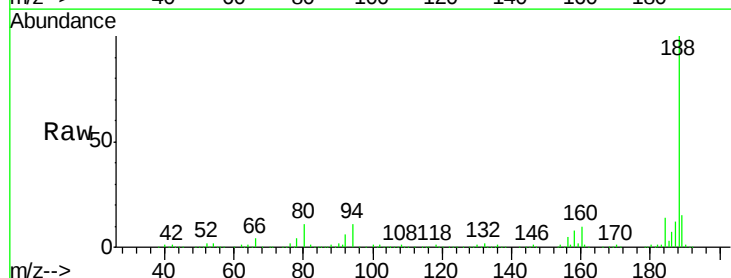


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

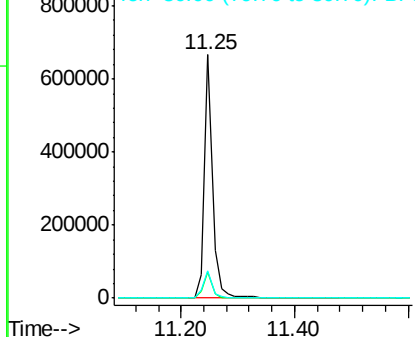
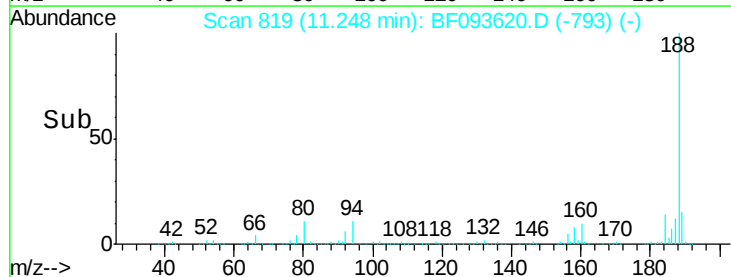


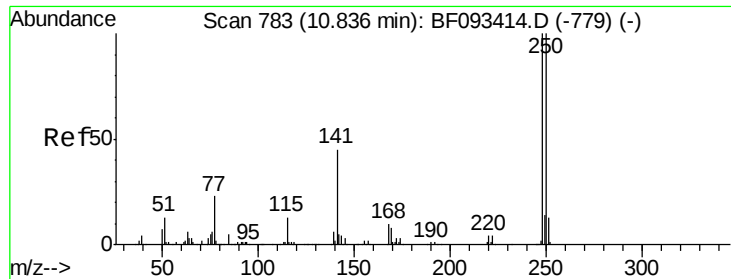
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.25 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF093620.D
 Acq: 13 Mar 2017 21:07

Tgt Ion:188 Resp: 634132
 Ion Ratio Lower Upper
 188 100
 94 10.7 10.0 15.0
 80 11.3 11.2 16.8



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

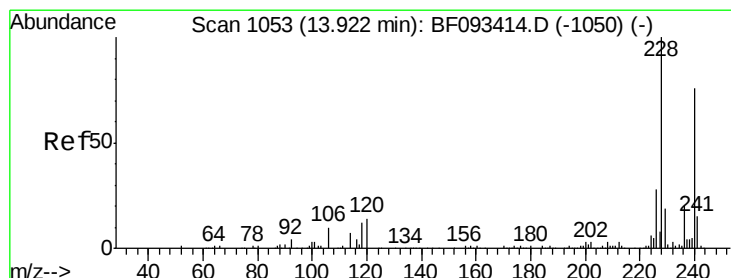
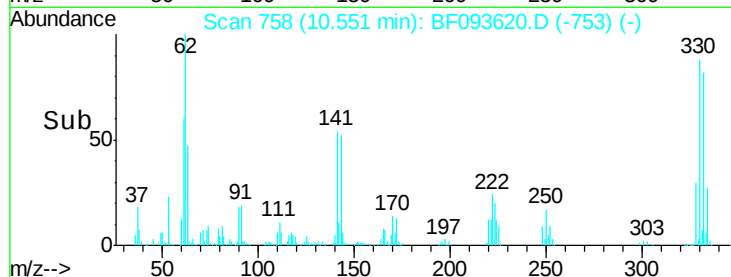
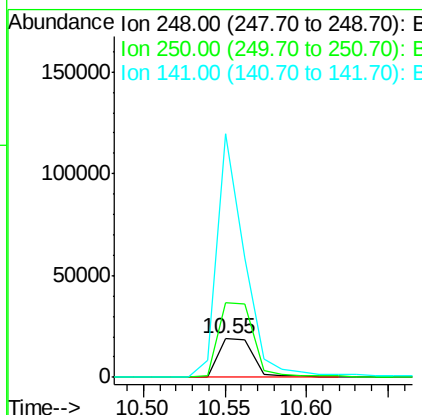
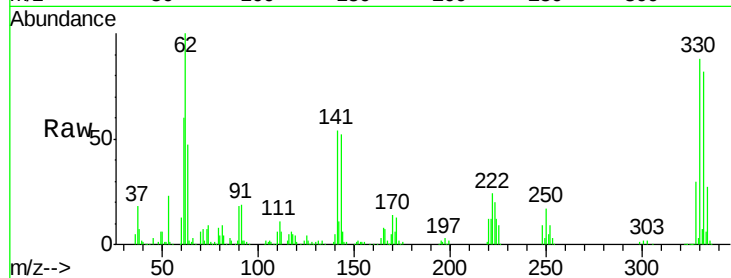




#66
4-Bromophenyl-phenylether
Concen: 4.08 ng
RT: 10.55 min Scan# 758
Delta R.T. -0.24 min
Lab File: BF093620.D
Acq: 13 Mar 2017 21:07

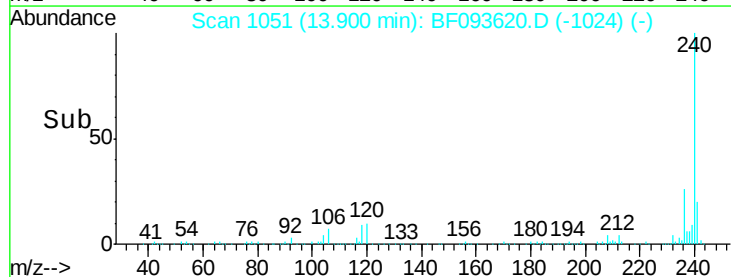
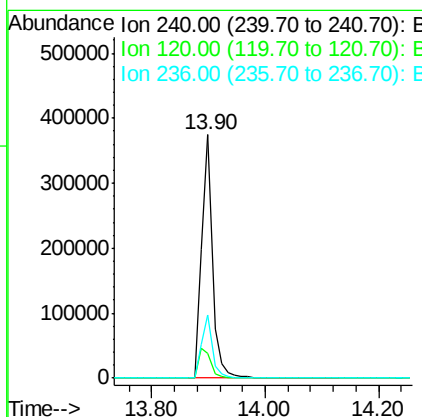
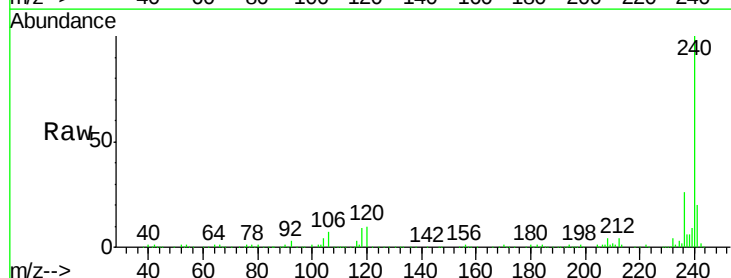
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-2-CHAR

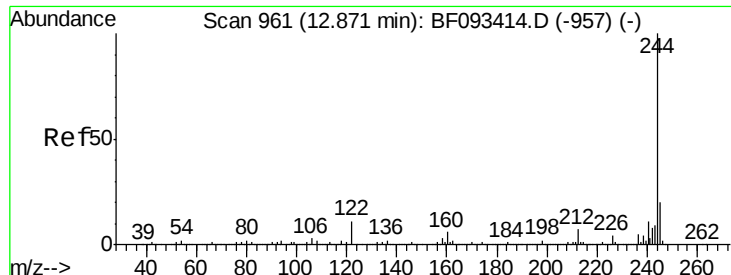
Tgt Ion:248 Resp: 27380
Ion Ratio Lower Upper
248 100
250 195.6 76.9 115.3#
141 633.0 68.2 102.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.90 min Scan# 1051
Delta R.T. 0.01 min
Lab File: BF093620.D
Acq: 13 Mar 2017 21:07

Tgt Ion:240 Resp: 478812
Ion Ratio Lower Upper
240 100
120 10.4 12.9 19.3#
236 25.9 20.9 31.3

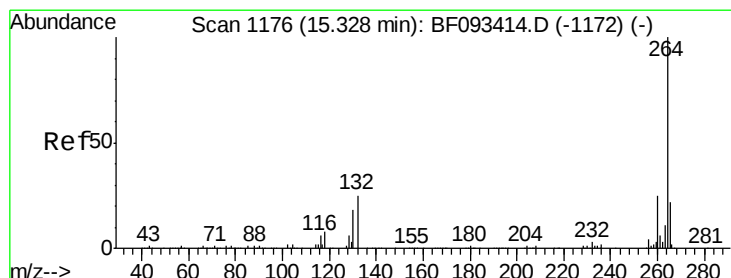
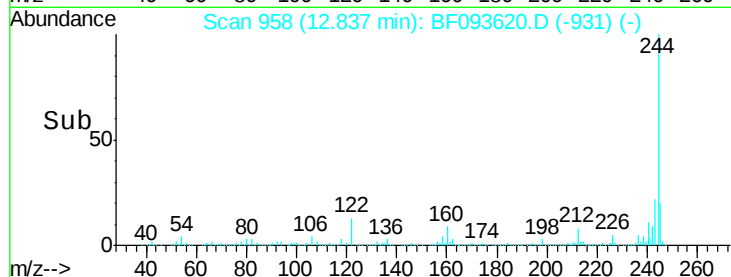
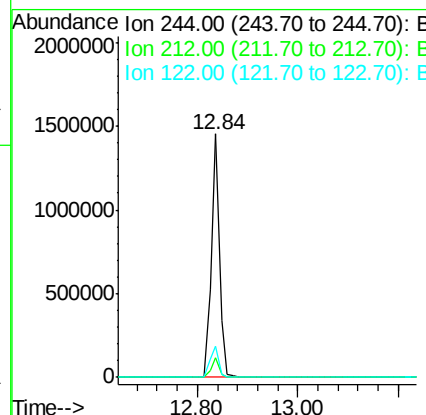
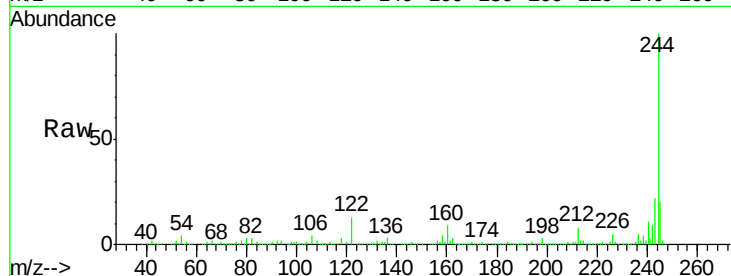




#78
 Terphenyl-d14
 Concen: 87.81 ng
 RT: 12.84 min Scan# 958
 Delta R.T. 0.01 min
 Lab File: BF093620.D
 Acq: 13 Mar 2017 21:07

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-2-CHAR

Tgt Ion:244 Resp: 1617206
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.2
 122 12.9 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1174
 Delta R.T. 0.02 min
 Lab File: BF093620.D
 Acq: 13 Mar 2017 21:07

Tgt Ion:264 Resp: 295473
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.2 28.8
 265 21.3 17.4 26.0

