

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
 Data File : BF083471.D
 Acq On : 3 Dec 2015 20:49
 Operator : UM/IZ
 Sample : G4573-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 K207-64-65

Quant Time: Dec 04 00:32:28 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 01 01:17:16 2015
 Response via : Initial Calibration

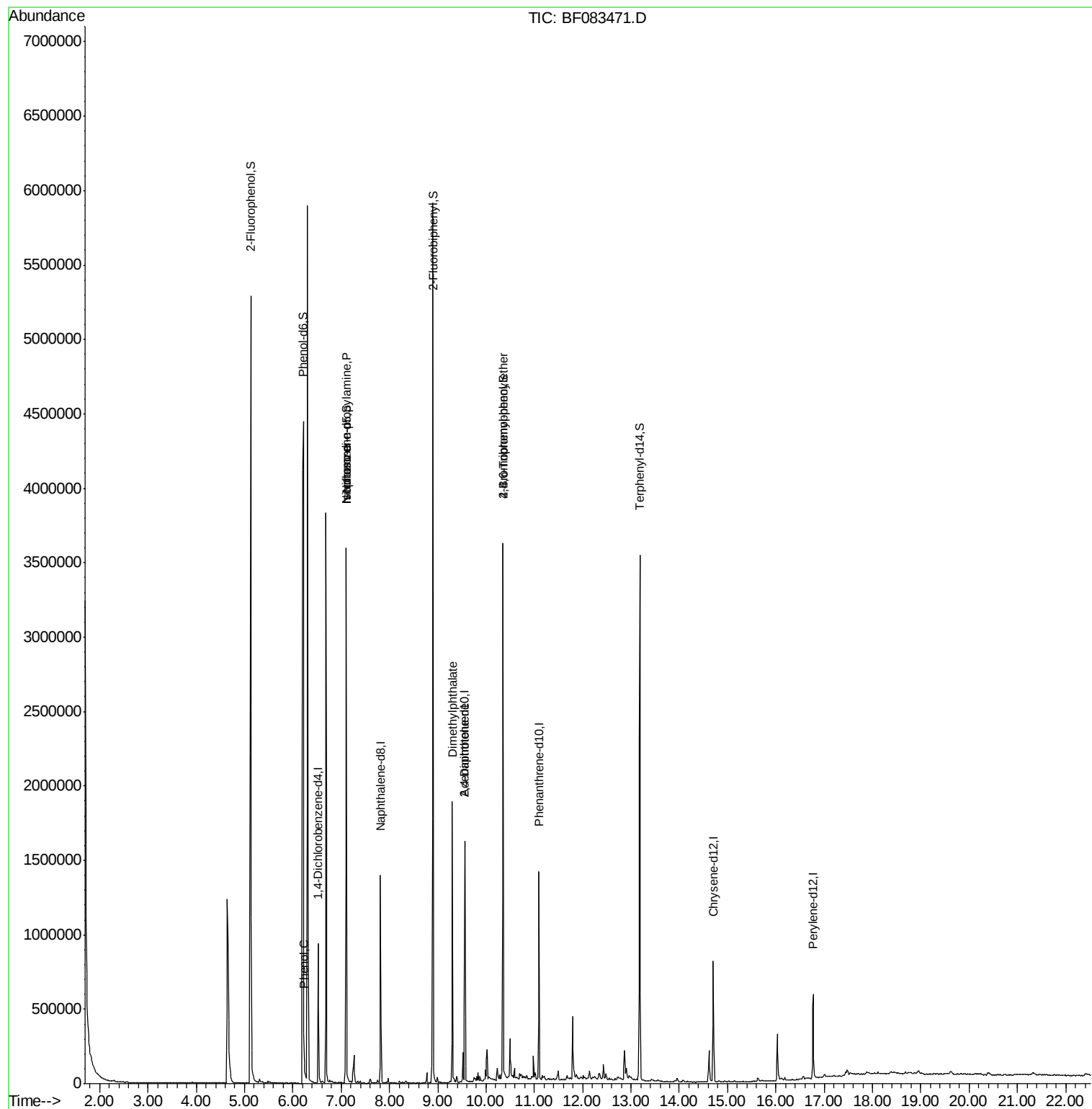
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	161754	20.00	ng	-0.02
21) Naphthalene-d8	7.81	136	619741	20.00	ng	-0.02
38) Acenaphthene-d10	9.56	164	313796	20.00	ng	-0.02
63) Phenanthrene-d10	11.09	188	545371	20.00	ng	-0.03
75) Chrysene-d12	14.71	240	375208	20.00	ng	-0.06
86) Perylene-d12	16.77	264	333859	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	1655980	153.62	ng	0.00
7) Phenol-d6	6.21	99	2400790	162.72	ng	-0.01
23) Nitrobenzene-d5	7.10	82	1375294	97.55	ng	-0.02
41) 2,4,6-Tribromophenol	10.35	330	394128	125.12	ng	-0.03
44) 2-Fluorobiphenyl	8.90	172	1822900	82.78	ng	-0.02
78) Terphenyl-d14	13.19	244	1571349	99.88	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.21	77	3863	Below Cal	#	6
10) Phenol	6.22	94	38221	2.15 ng		93
19) n-Nitroso-di-n-propylamine	7.10	70	189523	17.97 ng	#	82
25) Isophorone	7.10	82	1004859	36.80 ng	#	70
49) Dimethylphthalate	9.30	163	710603	27.87 ng		99
56) 2,4-Dinitrotoluene	9.56	165	40142	5.81 ng	#	6
66) 4-Bromophenyl-phenylether	10.35	248	28178	4.72 ng	#	1

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

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Quant Time: Dec 04 00:32:28 2015
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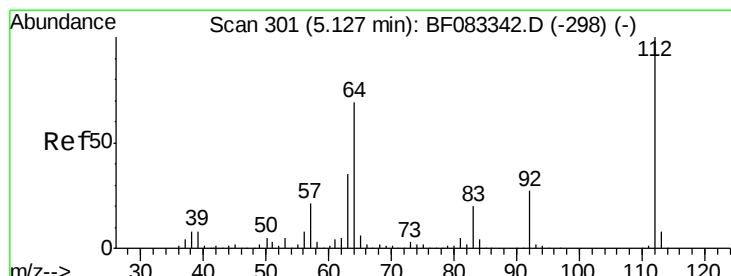
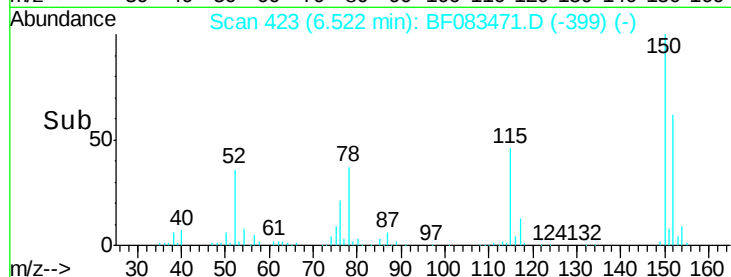
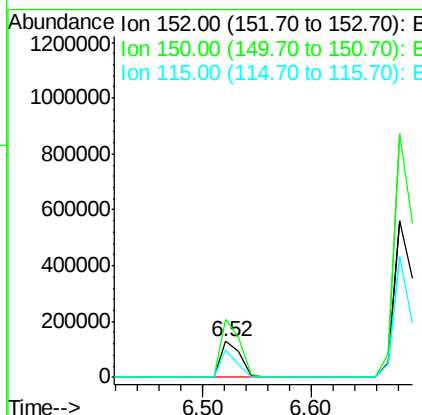
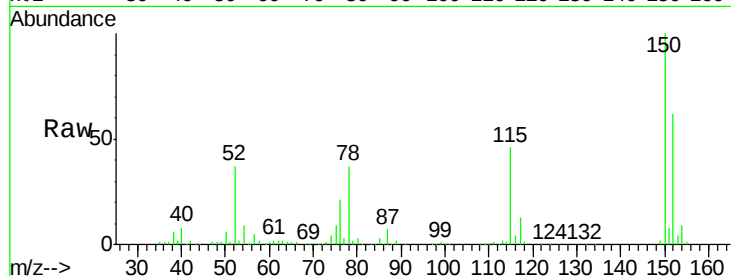




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.52 min Scan# 423
 Delta R.T. -0.02 min
 Lab File: BF083471.D
 Acq: 3 Dec 2015 20:49

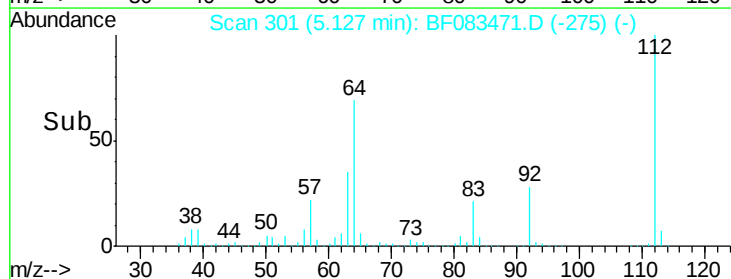
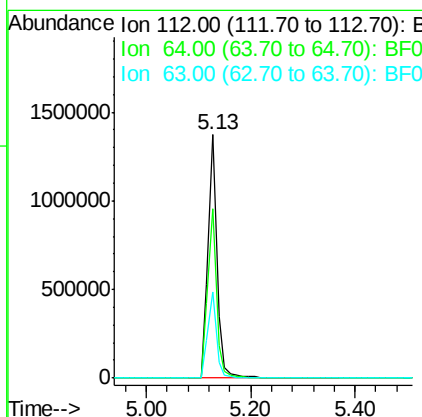
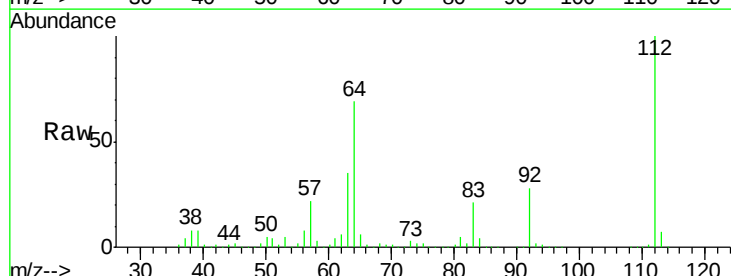
Instrument :
 BNA_F
 ClientSampleId :
 K207-64-65

Tgt Ion:152 Resp: 161754
 Ion Ratio Lower Upper
 152 100
 150 162.0 129.8 194.8
 115 74.3 59.2 88.8



#5
 2-Fluorophenol
 Concen: 153.62 ng
 RT: 5.13 min Scan# 301
 Delta R.T. 0.00 min
 Lab File: BF083471.D
 Acq: 3 Dec 2015 20:49

Tgt Ion:112 Resp: 1655980
 Ion Ratio Lower Upper
 112 100
 64 69.4 55.6 83.4
 63 35.4 28.2 42.2





#7

Phenol-d6

Concen: 162.72 ng

RT: 6.21 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF083471.D

Acq: 3 Dec 2015 20:49

Instrument :

BNA_F

ClientSampleId :

K207-64-65

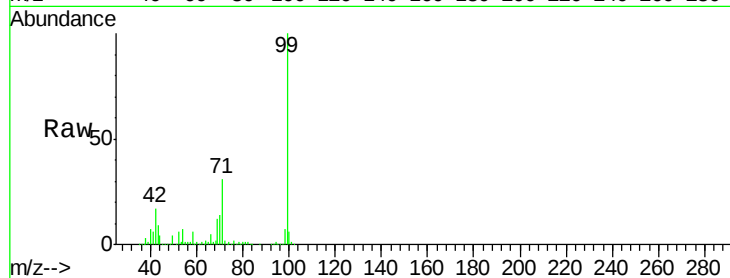
Tgt Ion: 99 Resp: 2400790

Ion Ratio Lower Upper

99 100

42 17.2 14.9 22.3

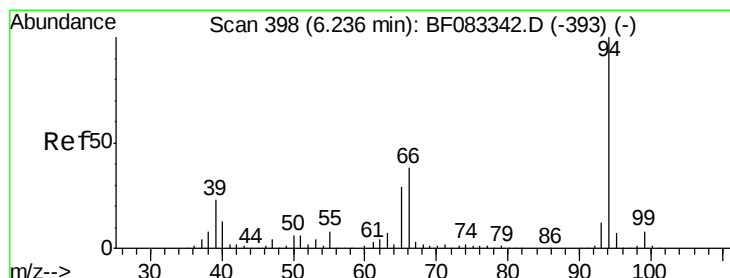
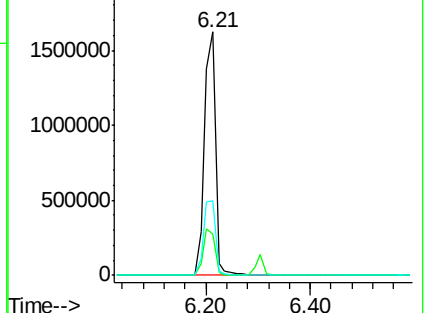
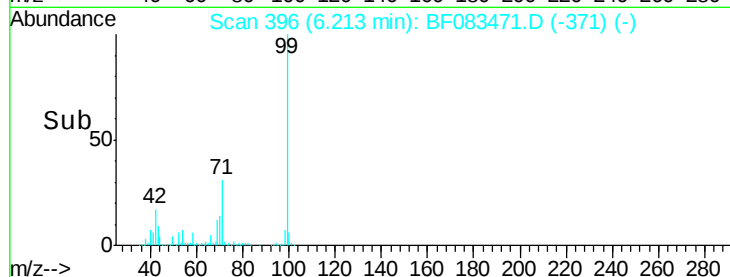
71 30.9 24.7 37.1



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: 2.15 ng

RT: 6.22 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF083471.D

Acq: 3 Dec 2015 20:49

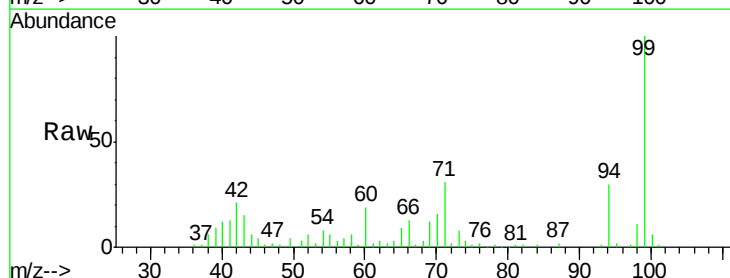
Tgt Ion: 94 Resp: 38221

Ion Ratio Lower Upper

94 100

65 30.0 9.5 49.5

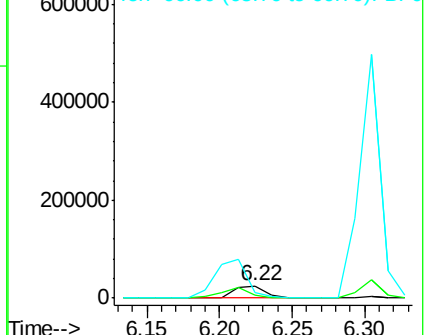
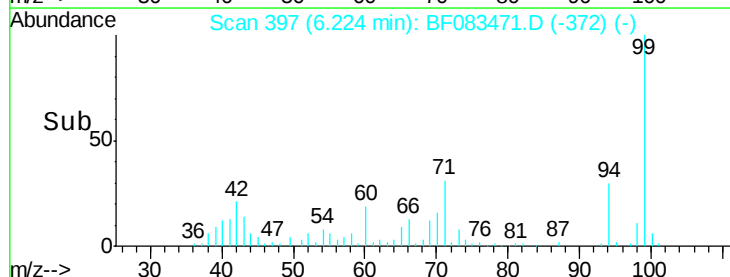
66 44.4 17.9 57.9

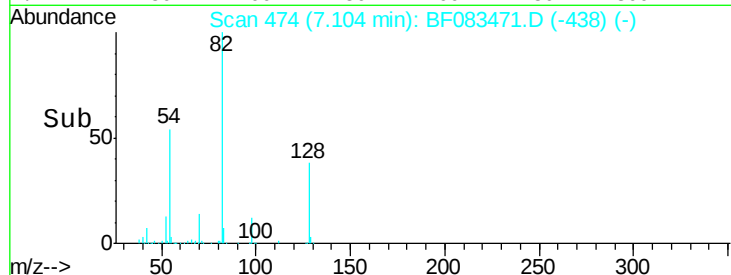
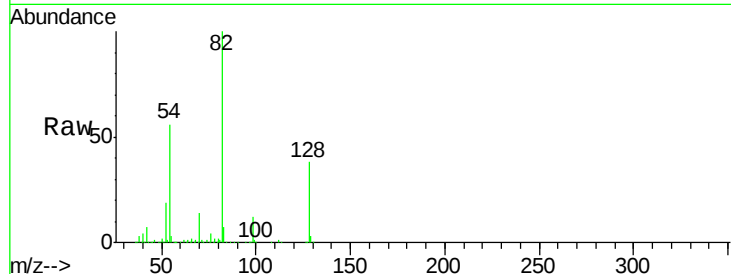
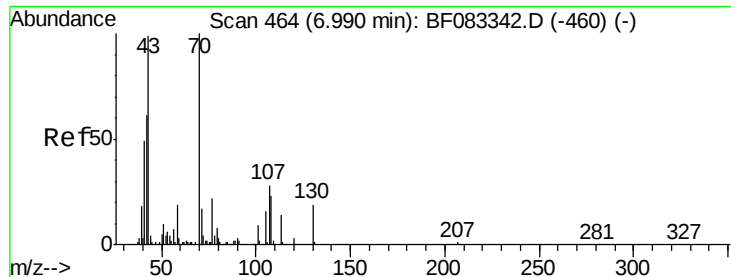


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

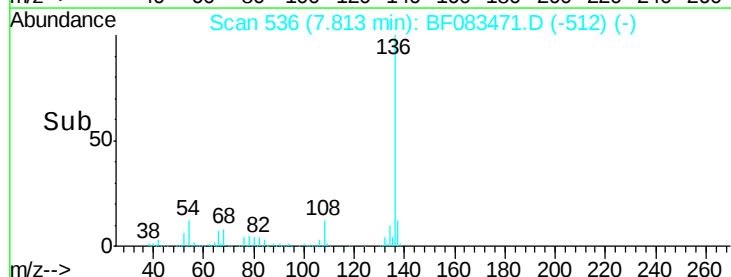
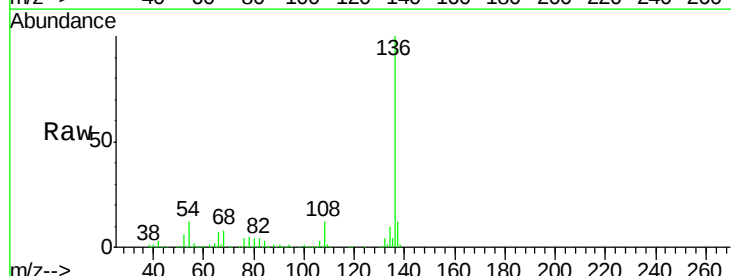
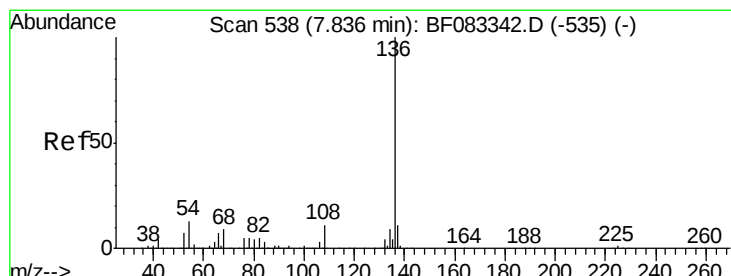
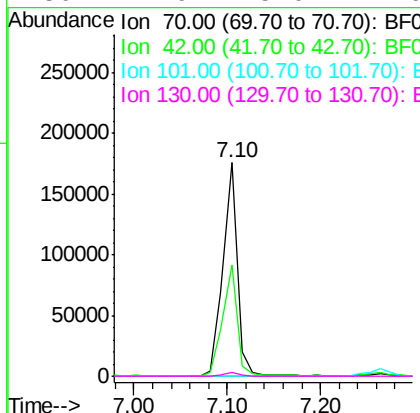




#19
n-Nitroso-di-n-propylamine
Concen: 17.97 ng
RT: 7.10 min Scan# 474
Delta R.T. 0.11 min
Lab File: BF083471.D
Acq: 3 Dec 2015 20:49

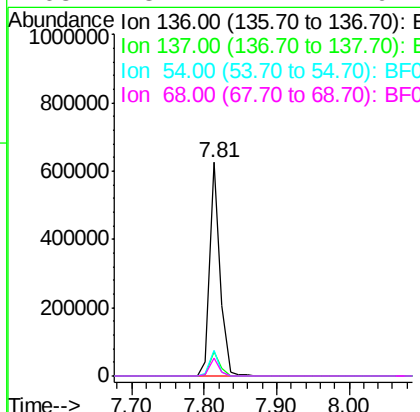
Instrument :
BNA_F
ClientSampleId :
K207-64-65

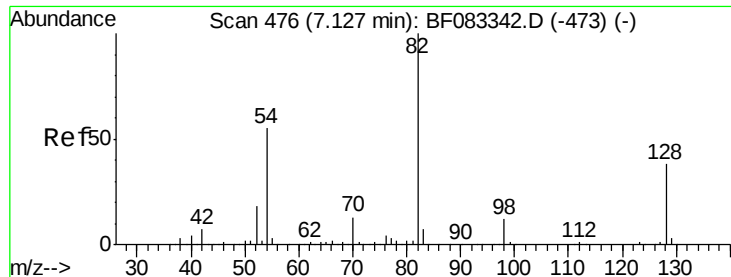
Tgt Ion: 70 Resp: 189523
Ion Ratio Lower Upper
70 100
42 52.4 48.8 73.2
101 0.0 7.1 10.7#
130 1.9 15.0 22.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.81 min Scan# 536
Delta R.T. -0.02 min
Lab File: BF083471.D
Acq: 3 Dec 2015 20:49

Tgt Ion: 136 Resp: 619741
Ion Ratio Lower Upper
136 100
137 11.6 9.0 13.4
54 11.8 10.1 15.1
68 8.1 7.1 10.7

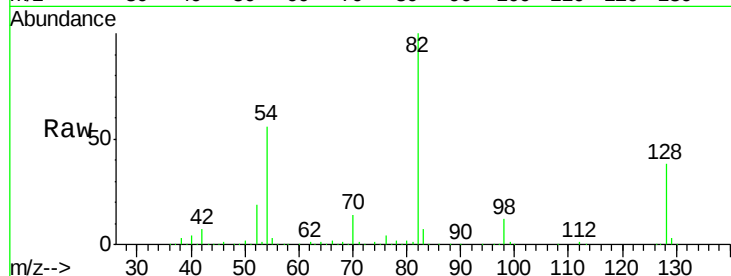




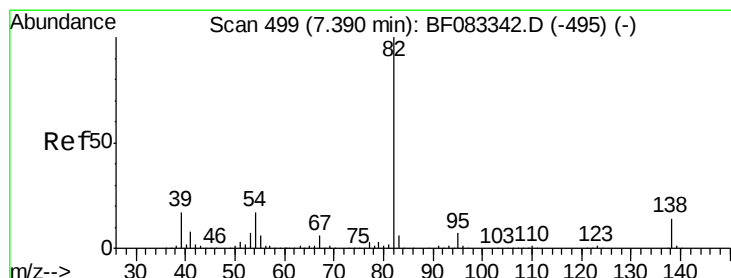
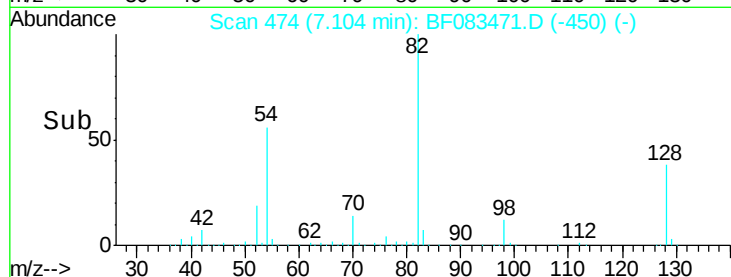
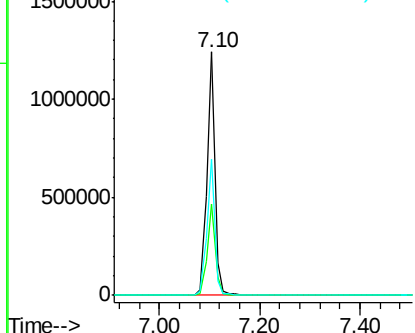
#23
 Nitrobenzene-d5
 Concen: 97.55 ng
 RT: 7.10 min Scan# 474
 Delta R.T. -0.02 min
 Lab File: BF083471.D
 Acq: 3 Dec 2015 20:49

Instrument :
 BNA_F
 ClientSampleId :
 K207-64-65

Tgt Ion: 82 Resp: 1375294
 Ion Ratio Lower Upper
 82 100
 128 37.6 30.6 46.0
 54 55.6 43.8 65.6

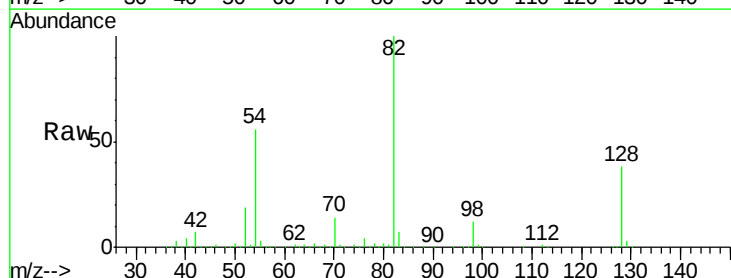


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

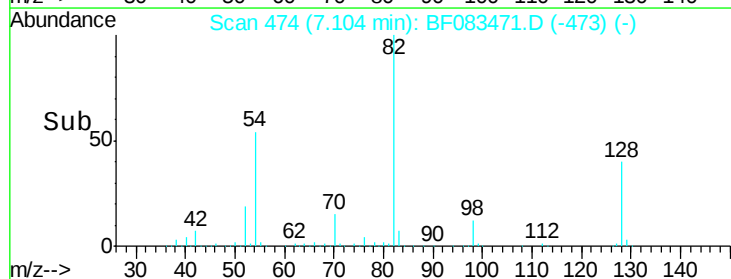
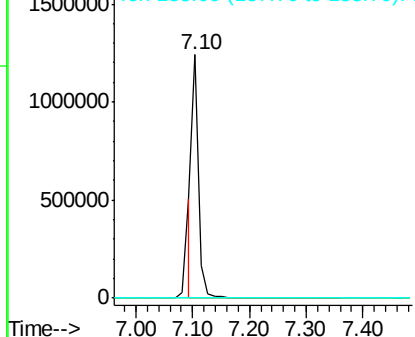


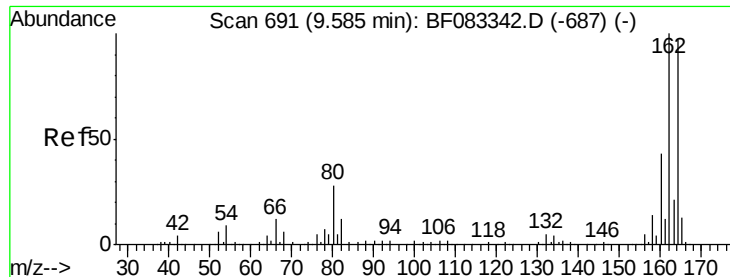
#25
 Isophorone
 Concen: 36.80 ng
 RT: 7.10 min Scan# 474
 Delta R.T. -0.29 min
 Lab File: BF083471.D
 Acq: 3 Dec 2015 20:49

Tgt Ion: 82 Resp: 1004859
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 11.6 17.4#



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: 9.56 min Scan# 689

Delta R.T. -0.02 min

Lab File: BF083471.D

Acq: 3 Dec 2015 20:49

Instrument :

BNA_F

ClientSampleId :

K207-64-65

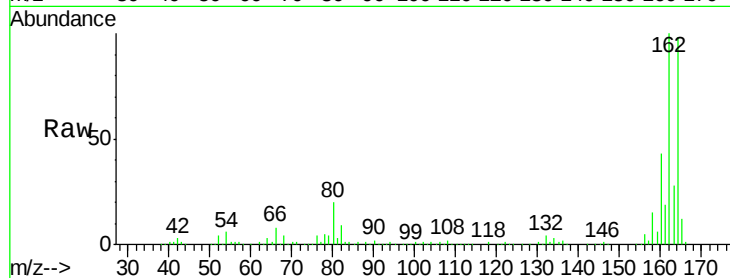
Tgt Ion:164 Resp: 313796

Ion Ratio Lower Upper

164 100

162 102.2 82.6 123.8

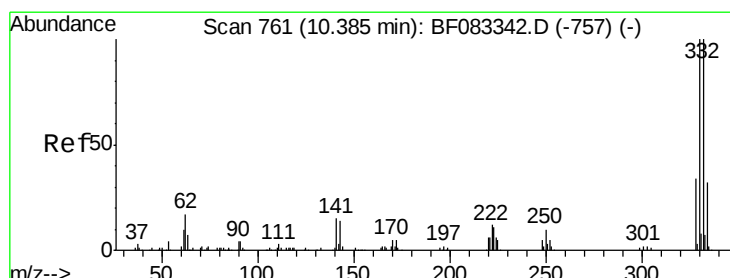
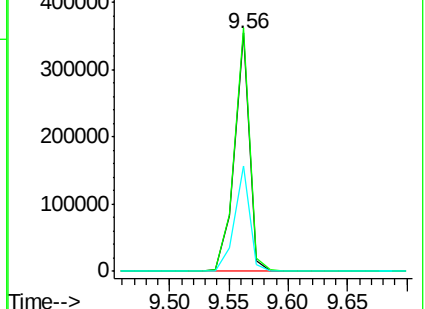
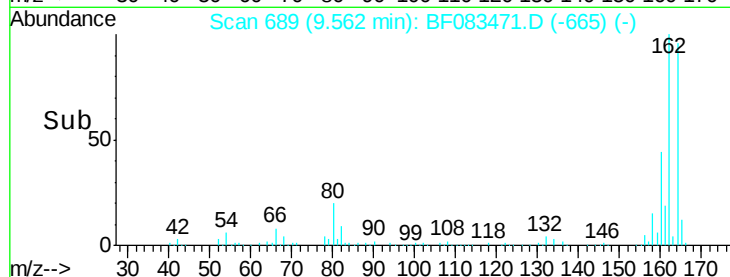
160 44.4 35.3 52.9



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: 125.12 ng

RT: 10.35 min Scan# 758

Delta R.T. -0.03 min

Lab File: BF083471.D

Acq: 3 Dec 2015 20:49

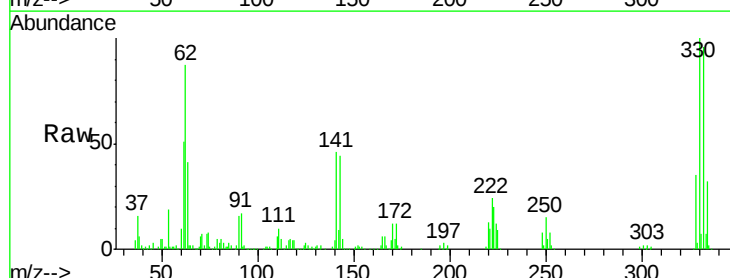
Tgt Ion:330 Resp: 394128

Ion Ratio Lower Upper

330 100

332 97.4 77.8 116.6

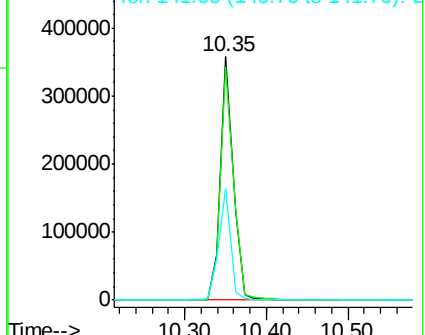
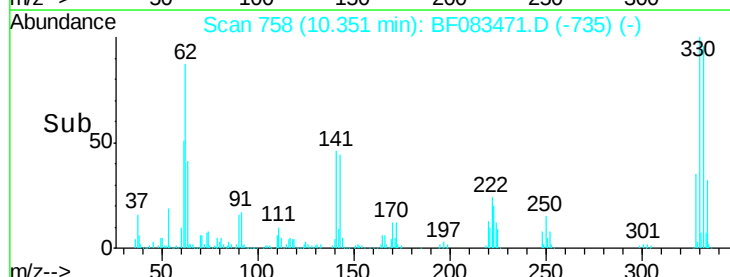
141 42.8 29.4 44.0

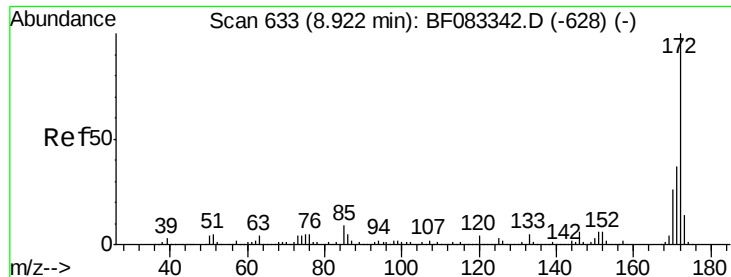


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

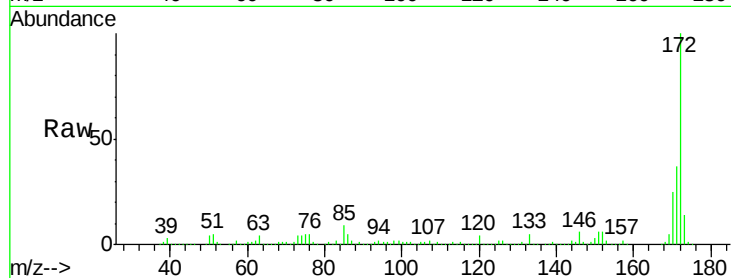




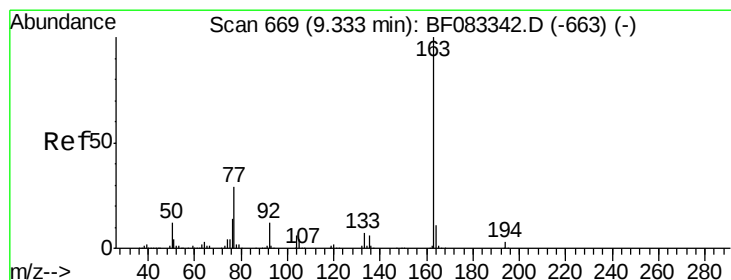
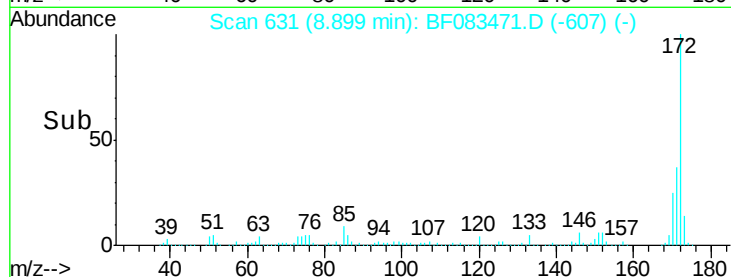
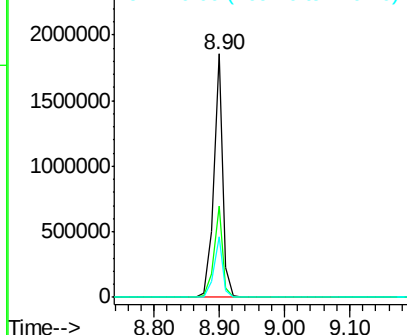
#44
 2-Fluorobiphenyl
 Concen: 82.78 ng
 RT: 8.90 min Scan# 631
 Delta R.T. -0.02 min
 Lab File: BF083471.D
 Acq: 3 Dec 2015 20:49

Instrument :
 BNA_F
 ClientSampleId :
 K207-64-65

Tgt Ion:172 Resp: 1822900
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.4 44.0
 170 24.7 20.4 30.6

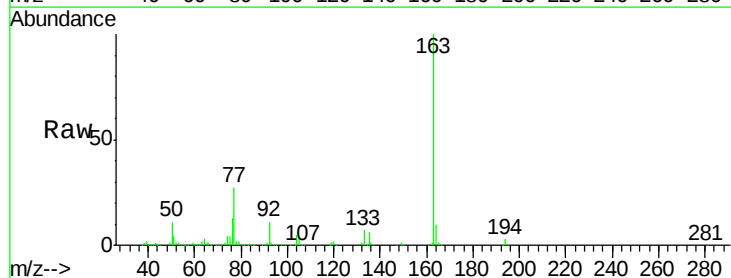


Abundance Ion 172.00 (171.70 to 172.70): E
 2500000 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

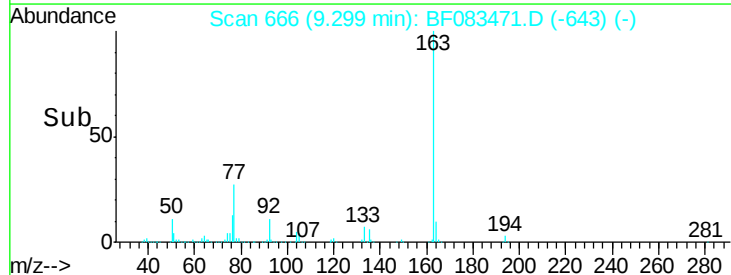
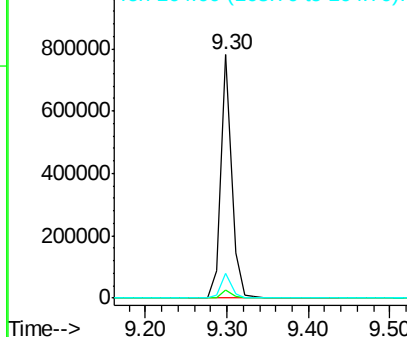


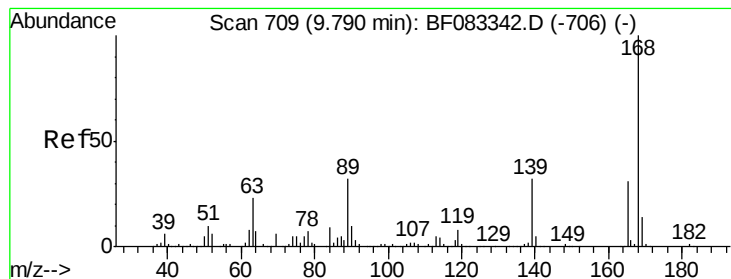
#49
 Dimethylphthalate
 Concen: 27.87 ng
 RT: 9.30 min Scan# 666
 Delta R.T. -0.03 min
 Lab File: BF083471.D
 Acq: 3 Dec 2015 20:49

Tgt Ion:163 Resp: 710603
 Ion Ratio Lower Upper
 163 100
 194 3.3 2.7 4.1
 164 10.3 8.8 13.2



Abundance Ion 163.00 (162.70 to 163.70): E
 1000000 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E





#56

2,4-Dinitrotoluene

Concen: 5.81 ng

RT: 9.56 min Scan# 689

Delta R.T. -0.23 min

Lab File: BF083471.D

Acq: 3 Dec 2015 20:49

Instrument :

BNA_F

ClientSampleId :

K207-64-65

Tgt Ion:165 Resp: 40142

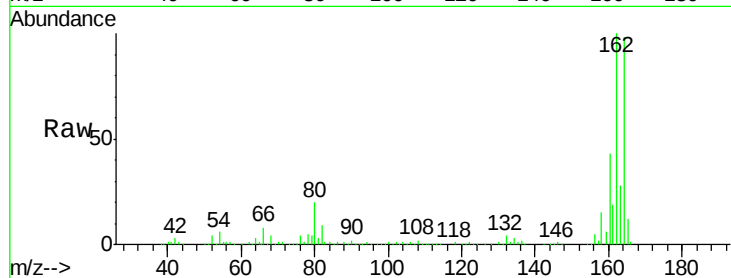
Ion Ratio Lower Upper

165 100

63 1.5 65.4 98.0#

89 1.9 81.2 121.8#

182 0.0 1.8 2.8#

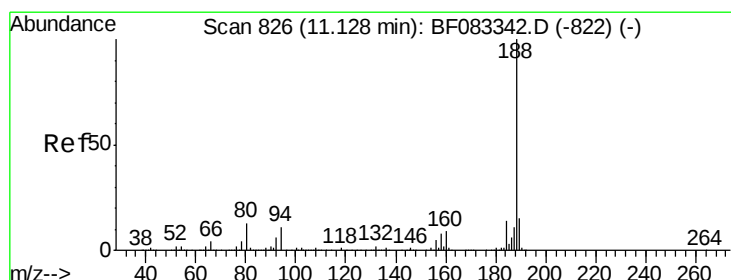
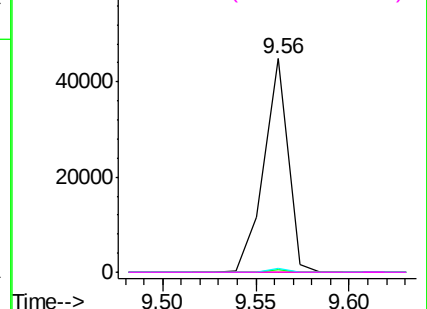
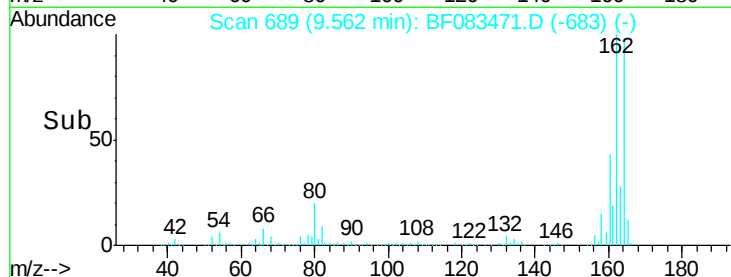


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.09 min Scan# 823

Delta R.T. -0.03 min

Lab File: BF083471.D

Acq: 3 Dec 2015 20:49

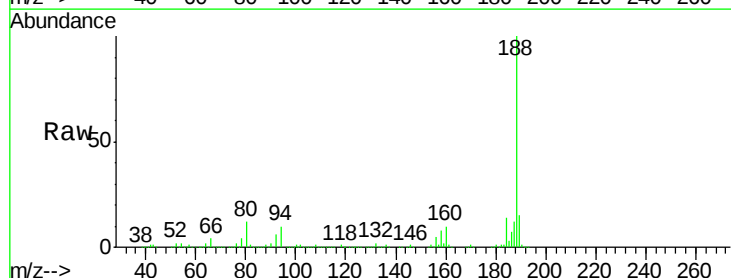
Tgt Ion:188 Resp: 545371

Ion Ratio Lower Upper

188 100

94 10.4 8.7 13.1

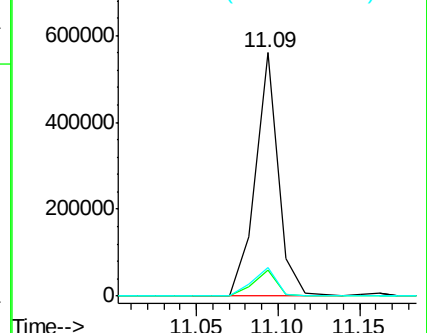
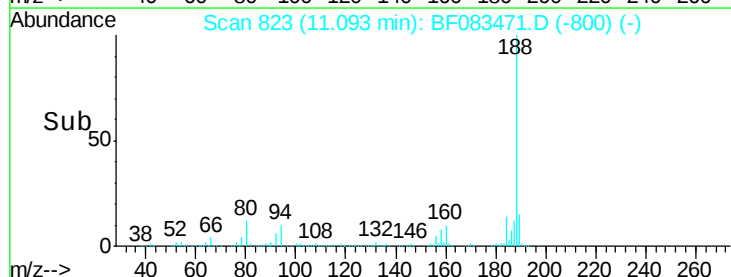
80 11.7 10.3 15.5

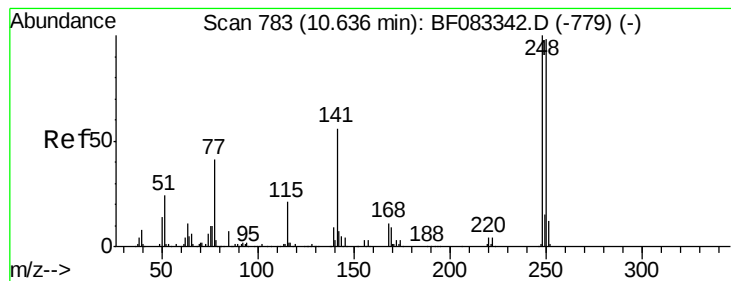


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 4.72 ng

RT: 10.35 min Scan# 758

Delta R.T. -0.29 min

Lab File: BF083471.D

Acq: 3 Dec 2015 20:49

Instrument :

BNA_F

ClientSampleId :

K207-64-65

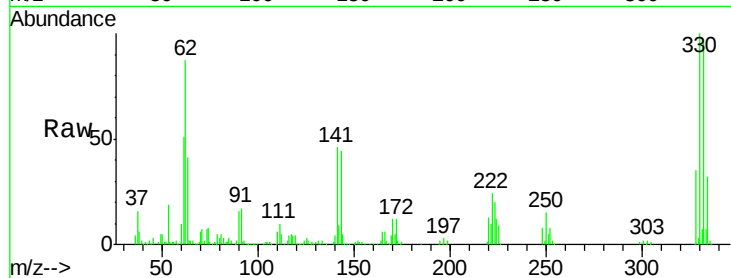
Tgt Ion:248 Resp: 28178

Ion Ratio Lower Upper

248 100

250 192.6 78.6 118.0#

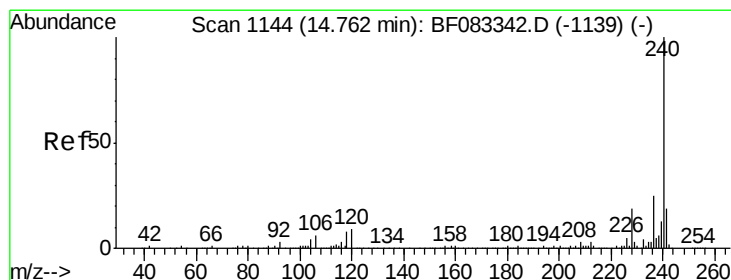
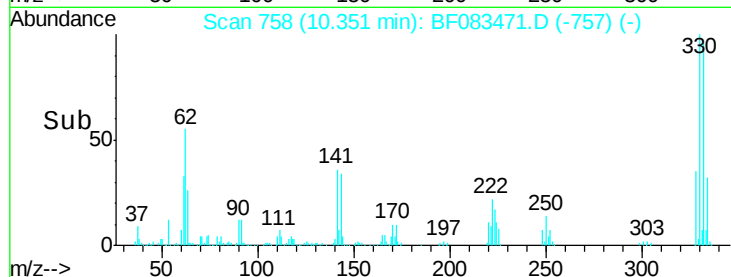
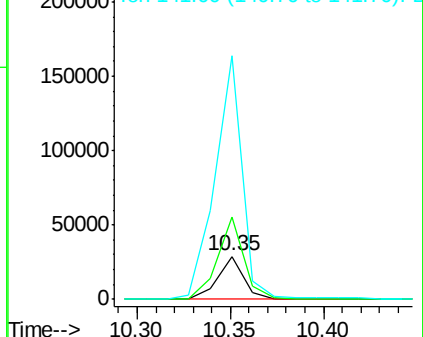
141 570.3 44.4 66.6#



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: 14.71 min Scan# 1139

Delta R.T. -0.06 min

Lab File: BF083471.D

Acq: 3 Dec 2015 20:49

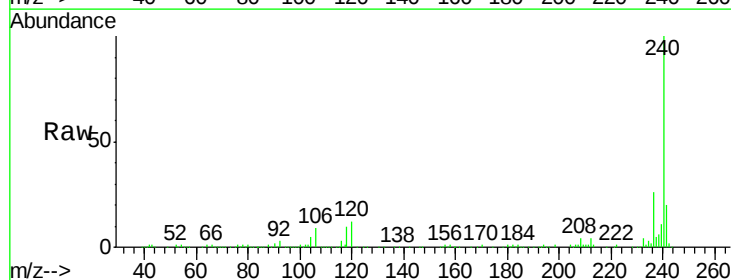
Tgt Ion:240 Resp: 375208

Ion Ratio Lower Upper

240 100

120 11.6 6.9 10.3#

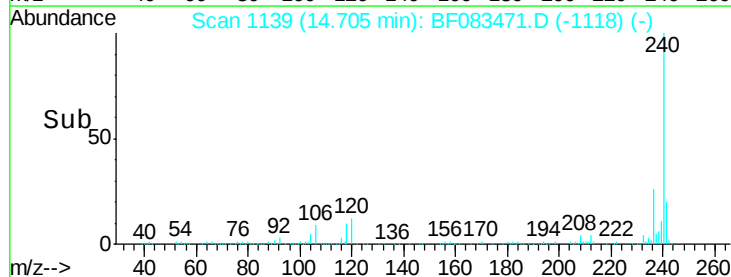
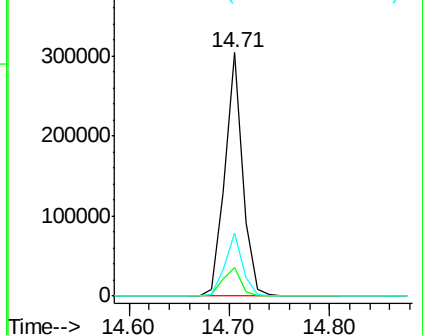
236 25.7 19.8 29.6

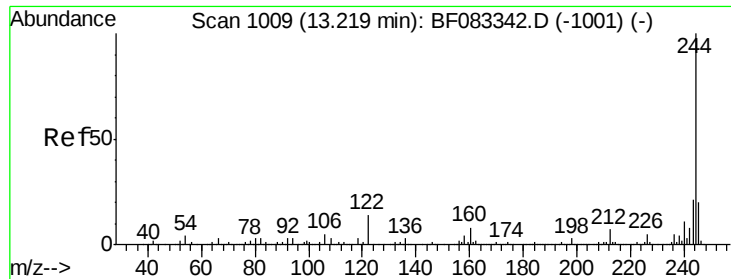


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

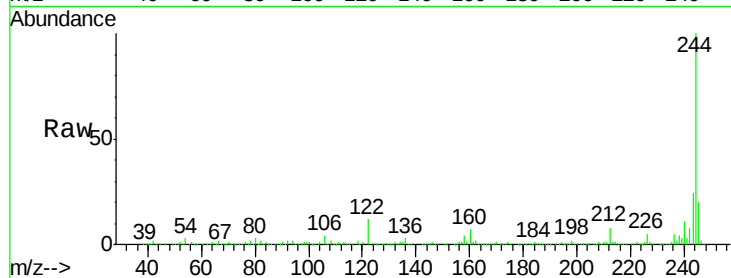




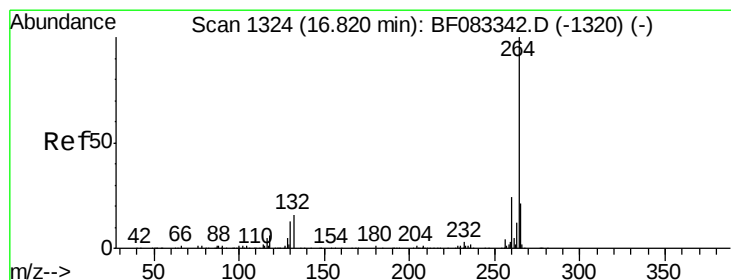
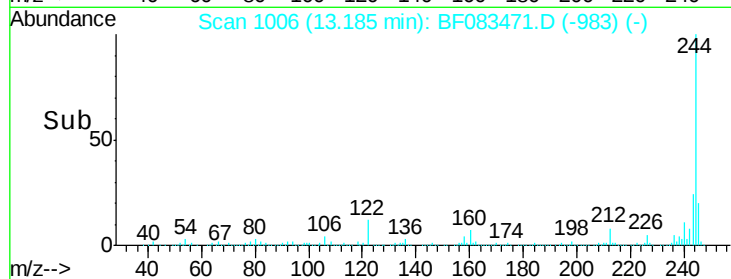
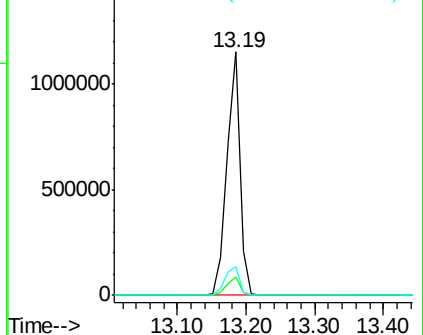
#78
 Terphenyl-d14
 Concen: 99.88 ng
 RT: 13.19 min Scan# 1006
 Delta R.T. -0.03 min
 Lab File: BF083471.D
 Acq: 3 Dec 2015 20:49

Instrument :
 BNA_F
 ClientSampleId :
 K207-64-65

Tgt Ion:244 Resp: 1571349
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.8
 122 12.0 11.0 16.4

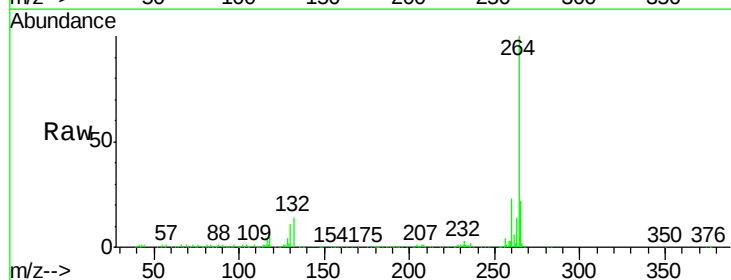


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.77 min Scan# 1320
 Delta R.T. -0.05 min
 Lab File: BF083471.D
 Acq: 3 Dec 2015 20:49

Tgt Ion:264 Resp: 333859
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.4
 265 21.5 16.8 25.2



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

