

Data Path : Z:\HPCHEM1\BNA F\Data\BF031716\
 Data File : BF085529.D
 Acq On : 18 Mar 2016 10:37
 Operator : UM/SJ
 Sample : H1776-18
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 18 10:35:10 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 15 18:57:05 2016
 Response via : Initial Calibration

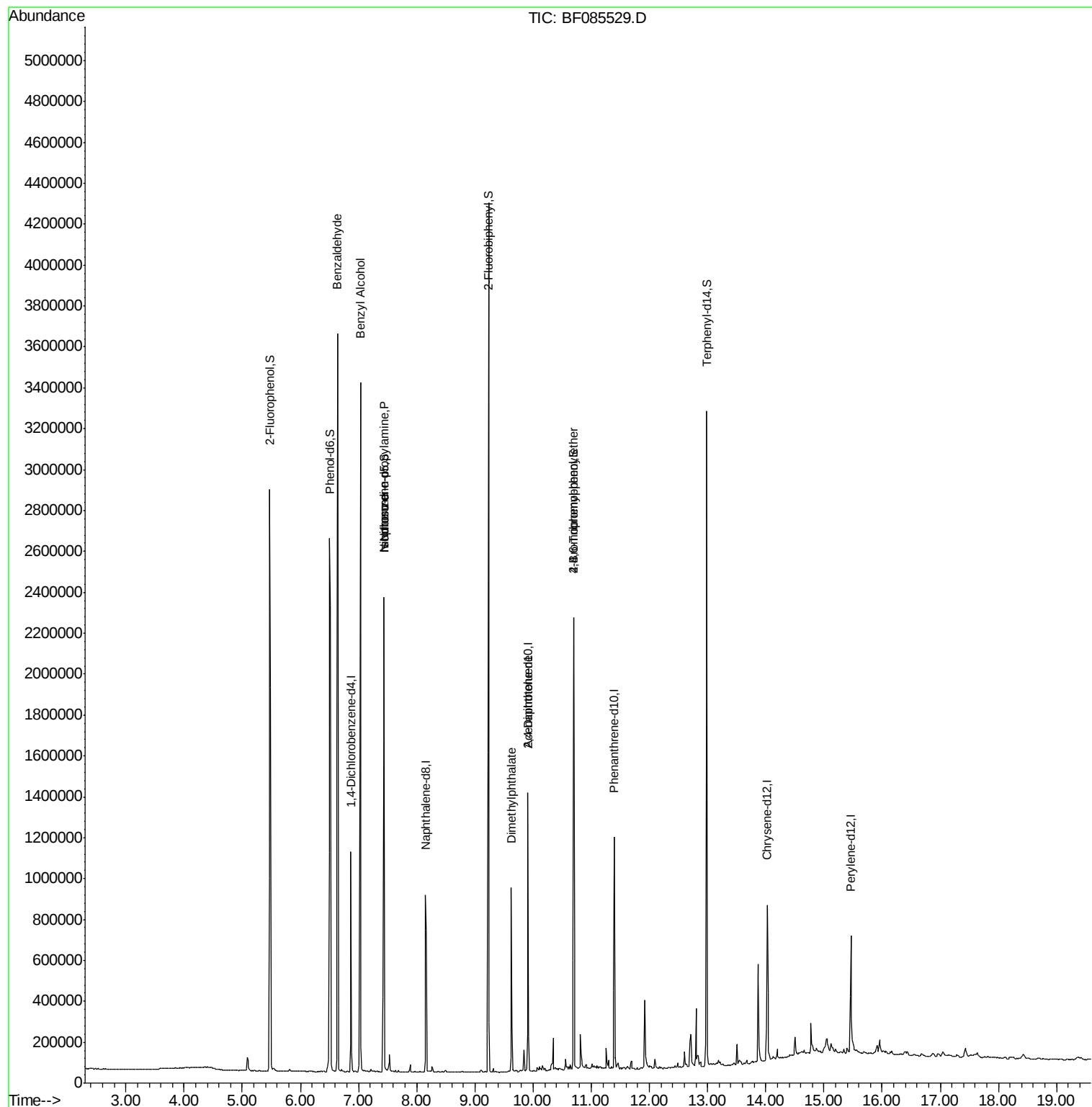
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	152403	20.00	ng	-0.05
21) Naphthalene-d8	8.15	136	573397	20.00	ng	-0.06
38) Acenaphthene-d10	9.91	164	250809	20.00	ng	-0.05
63) Phenanthrene-d10	11.40	188	427988	20.00	ng	-0.05
75) Chrysene-d12	14.03	240	271617	20.00	ng	-0.06
86) Perylene-d12	15.47	264	247796	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1250573	141.05	ng	-0.03
7) Phenol-d6	6.50	99	1657120	144.09	ng	-0.05
23) Nitrobenzene-d5	7.44	82	1080726	111.44	ng	-0.05
41) 2,4,6-Tribromophenol	10.70	330	308170	133.40	ng	-0.06
44) 2-Fluorobiphenyl	9.24	172	1430836	98.97	ng	-0.05
78) Terphenyl-d14	12.98	244	1198282	99.80	ng	-0.05
Target Compounds						Qvalue
9) Benzaldehyde	6.64	77	25072	3.90	ng	86
15) Benzyl Alcohol	7.03	79	16456	2.00	ng	# 43
19) n-Nitroso-di-n-propylamine	7.44	70	142397	20.68	ng	# 75
25) Isophorone	7.44	82	985261	49.82	ng	# 67
49) Dimethylphthalate	9.62	163	360605	19.71	ng	# 98
56) 2,4-Dinitrotoluene	9.91	165	32185	6.35	ng	# 22
66) 4-Bromophenyl-phenylether	10.70	248	19621	4.53	ng	# 1

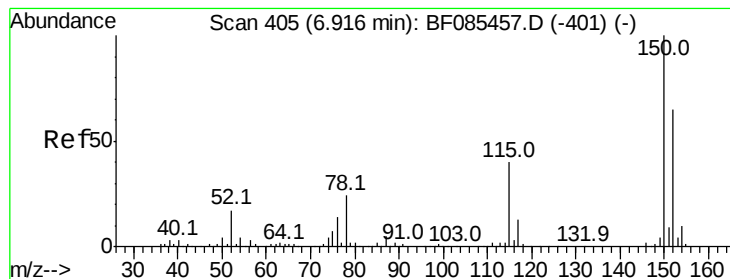
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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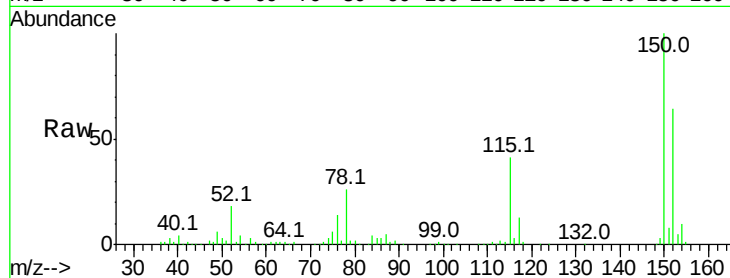


#1

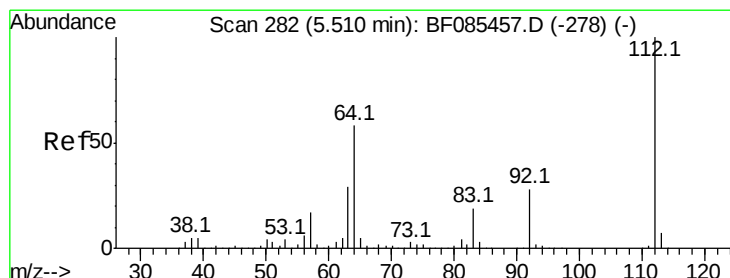
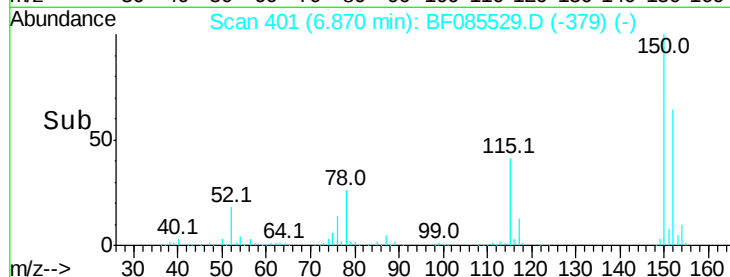
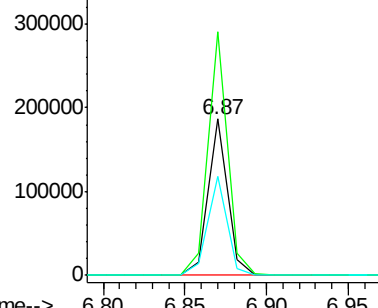
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 401
Delta R.T. -0.05 min
Lab File: BF085529.D
Acq: 18 Mar 2016 10:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 152403
Ion Ratio Lower Upper
152 100
150 155.8 124.6 186.8
115 63.5 46.6 70.0



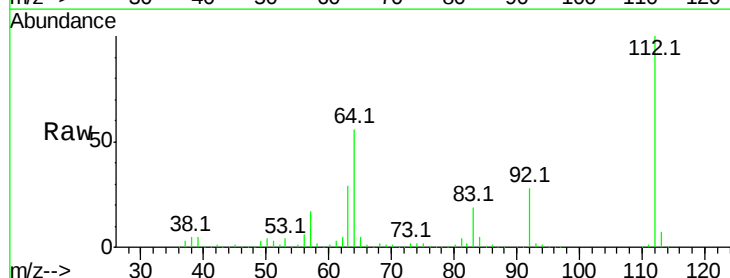
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



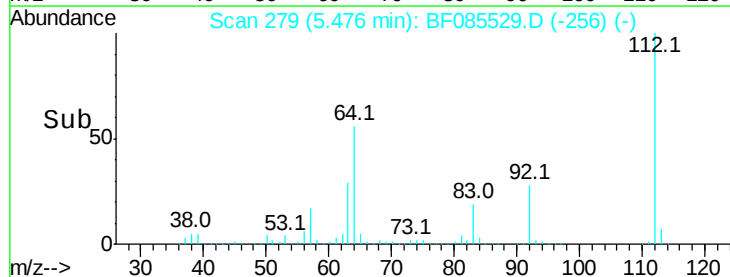
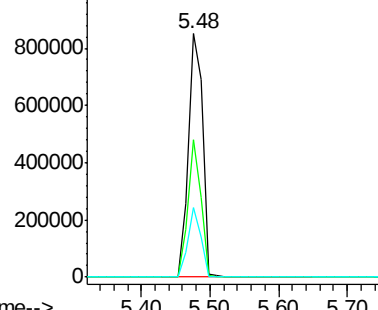
#5

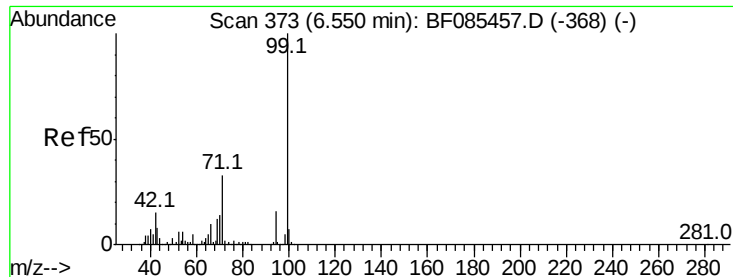
2-Fluorophenol
Concen: 141.05 ng
RT: 5.48 min Scan# 279
Delta R.T. -0.03 min
Lab File: BF085529.D
Acq: 18 Mar 2016 10:37

Tgt Ion:112 Resp: 1250573
Ion Ratio Lower Upper
112 100
64 56.4 49.0 73.4
63 28.7 24.8 37.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 144.09 ng

RT: 6.50 min Scan# 369

Delta R.T. -0.05 min

Lab File: BF085529.D

Acq: 18 Mar 2016 10:37

Instrument :

BNA_F

ClientSampled :

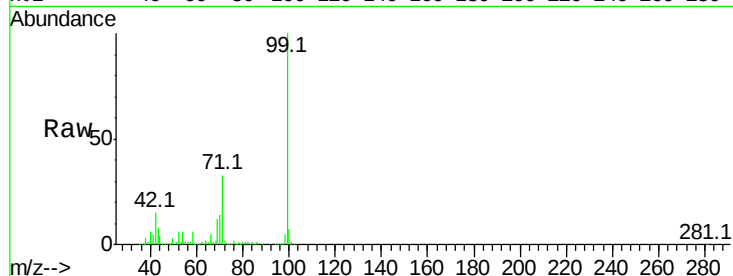
Tot Ion: 99 Resp: 1657120

Ion Ratio Lower Upper

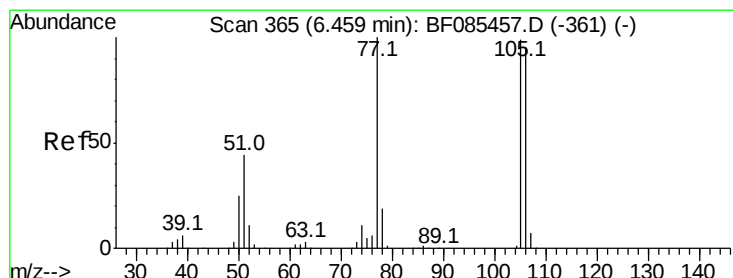
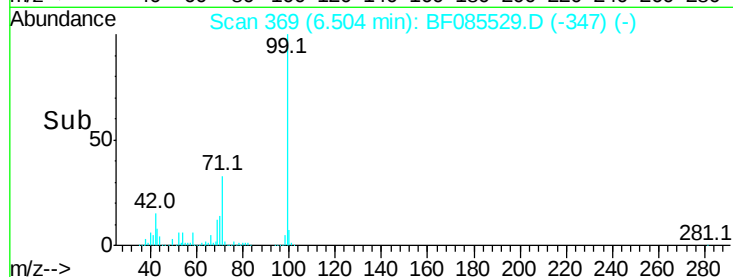
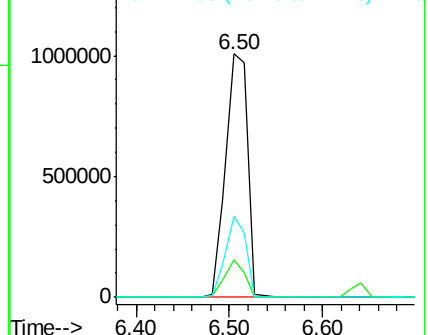
99 100

42 15.4 13.6 20.4

71 33.1 26.7 40.1



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



#9

Benzaldehyde

Concen: 3.90 ng

RT: 6.64 min Scan# 381

Delta R.T. 0.18 min

Lab File: BF085529.D

Acq: 18 Mar 2016 10:37

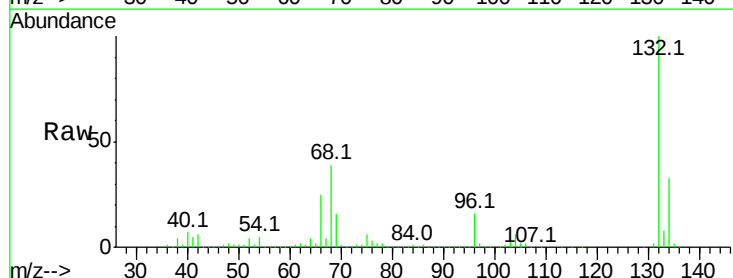
Tgt Ion: 77 Resp: 25072

Ion Ratio Lower Upper

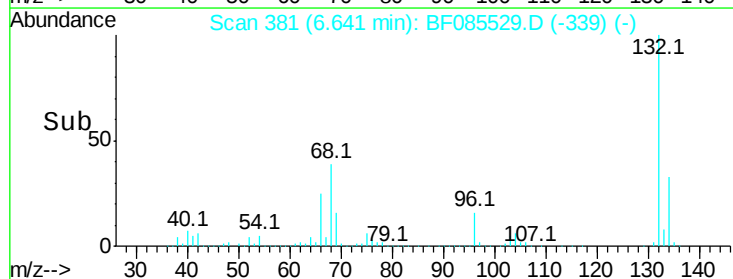
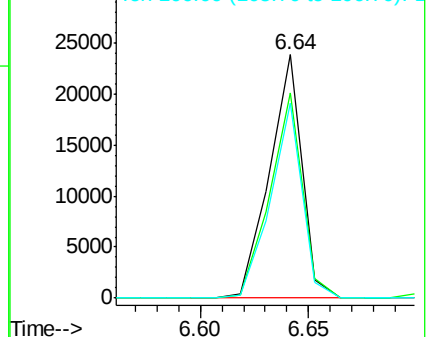
77 100

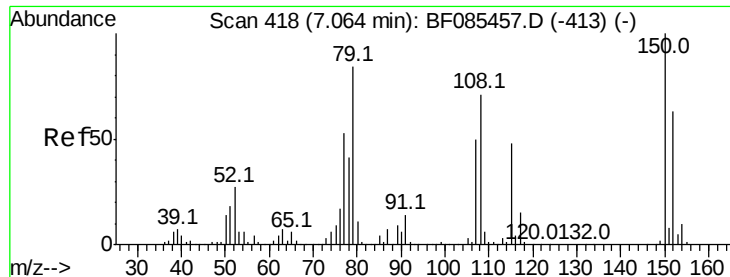
105 84.4 78.2 118.2

106 80.1 72.9 112.9



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0





#15

Benzyl Alcohol

Concen: 2.00 ng

RT: 7.03 min Scan# 415

Delta R.T. -0.03 min

Lab File: BF085529.D

Acq: 18 Mar 2016 10:37

Instrument :

BNA_F

ClientSampleId :

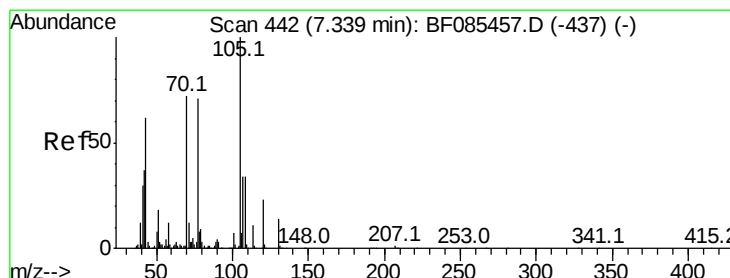
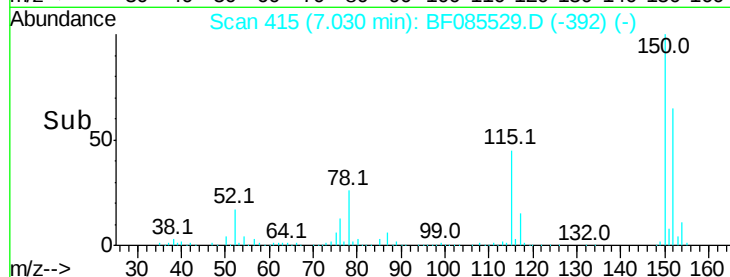
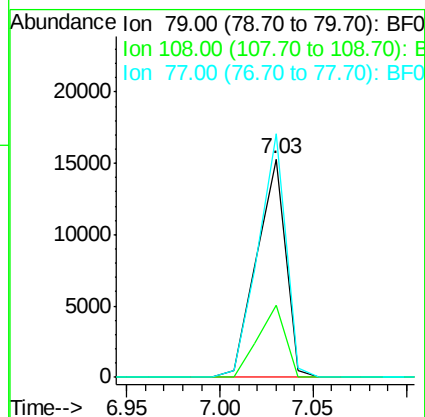
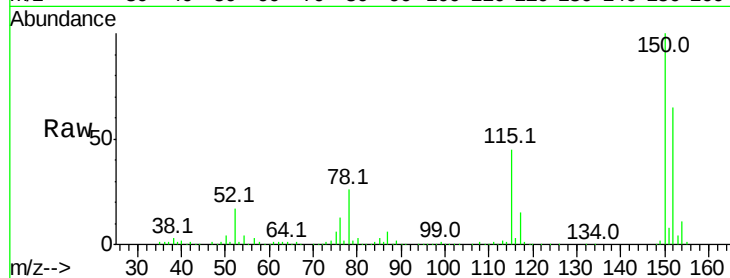
Tot Ion: 79 Resp: 16456

Ion Ratio Lower Upper

79 100

108 33.3 62.9 94.3#

77 111.6 49.5 74.3#



#19

n-Nitroso-di-n-propylamine

Concen: 20.68 ng

RT: 7.44 min Scan# 451

Delta R.T. 0.10 min

Lab File: BF085529.D

Acq: 18 Mar 2016 10:37

Tgt Ion: 70 Resp: 142397

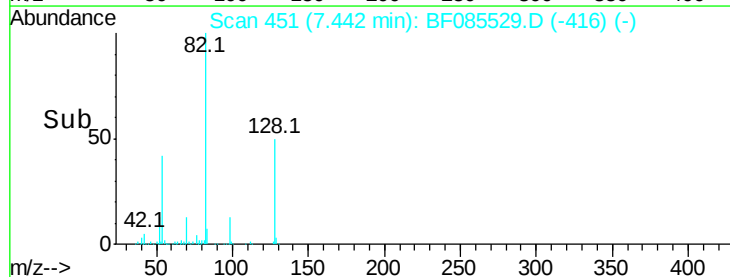
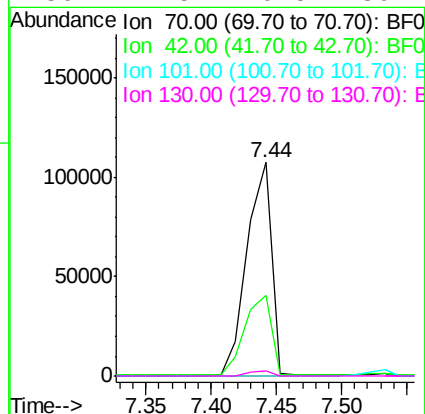
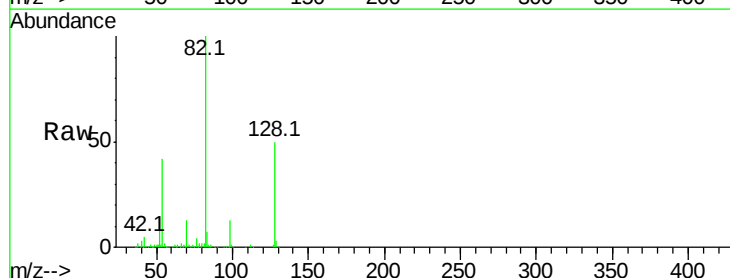
Ion Ratio Lower Upper

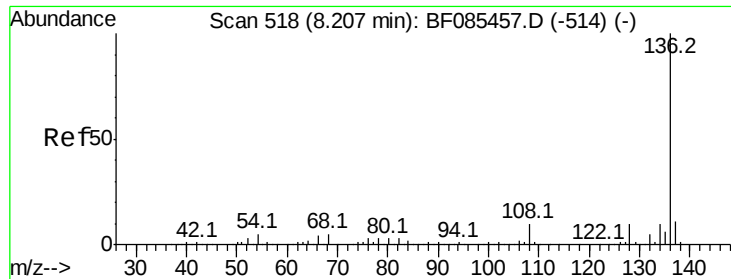
70 100

42 37.8 37.7 56.5

101 0.0 8.2 12.4#

130 2.5 20.5 30.7#

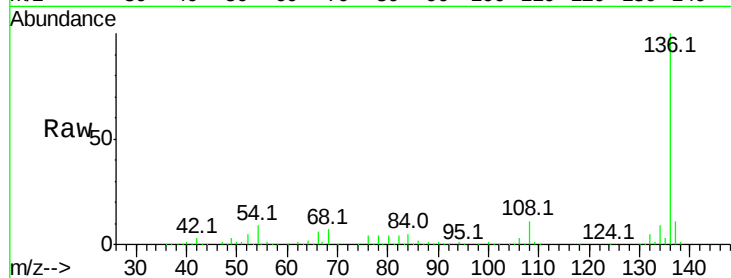




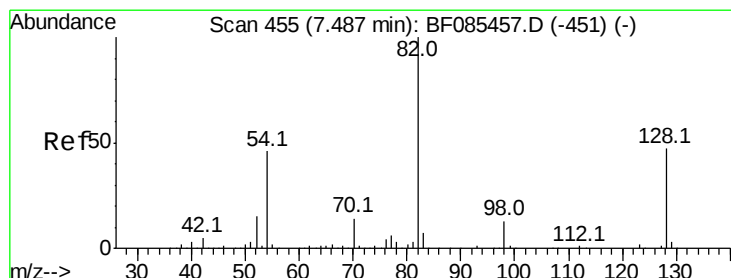
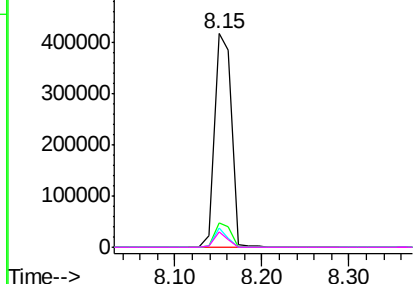
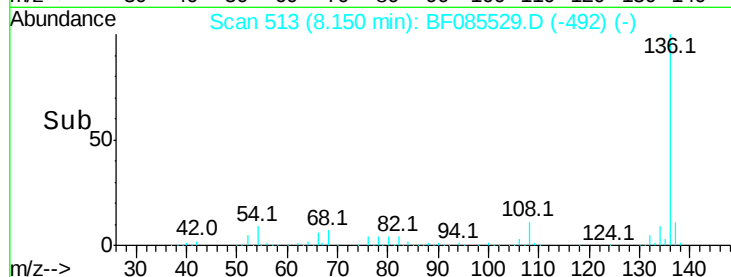
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 513
Delta R.T. -0.06 min
Lab File: BF085529.D
Acq: 18 Mar 2016 10:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	573397	
Ion Ratio	Lower	Upper	
136 100			
137 11.3	9.3	13.9	
54 8.9	7.4	11.2	
68 7.0	6.0	9.0	

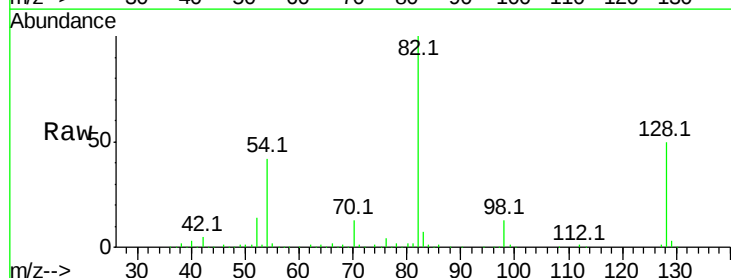


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

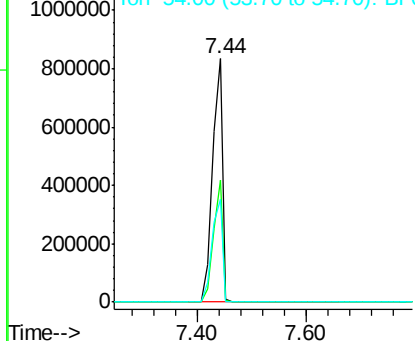
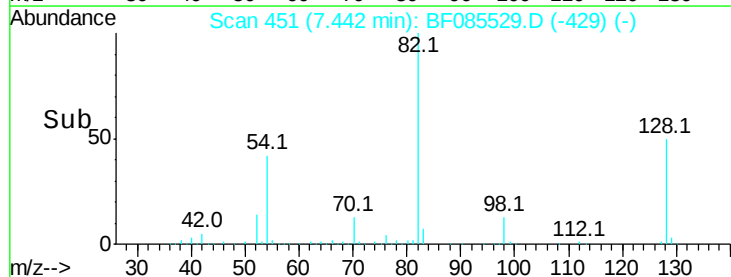


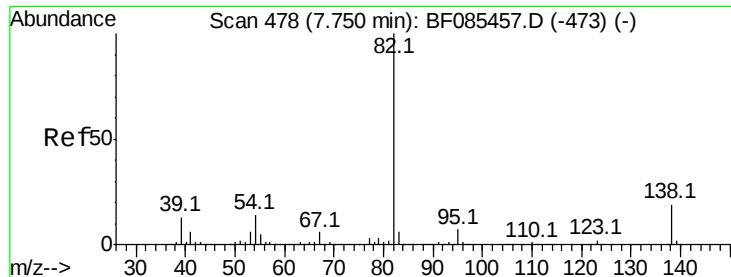
#23
Nitrobenzene-d5
Concen: 111.44 ng
RT: 7.44 min Scan# 451
Delta R.T. -0.05 min
Lab File: BF085529.D
Acq: 18 Mar 2016 10:37

Tgt Ion: 82	Resp: 1080726
Ion Ratio	Lower Upper
82 100	
128 50.2	34.5 51.7
54 42.3	39.3 58.9



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





#25

Isophorone

Concen: 49.82 ng

RT: 7.44 min Scan# 451

Delta R.T. -0.31 min

Lab File: BF085529.D

Acq: 18 Mar 2016 10:37

Instrument :

BNA_F

ClientSampled :

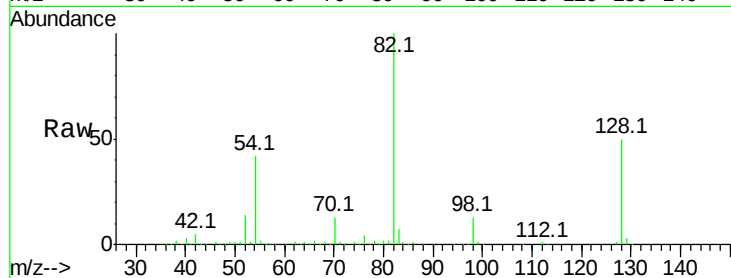
Tot Ion: 82 Resp: 985261

Ion Ratio Lower Upper

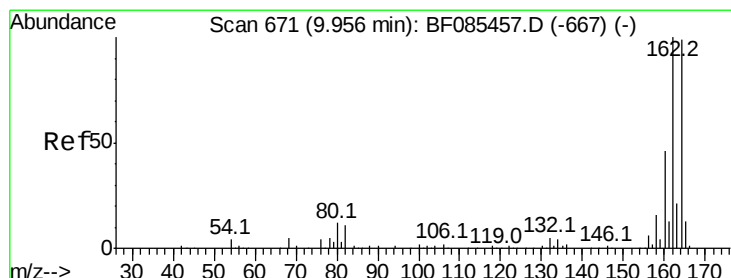
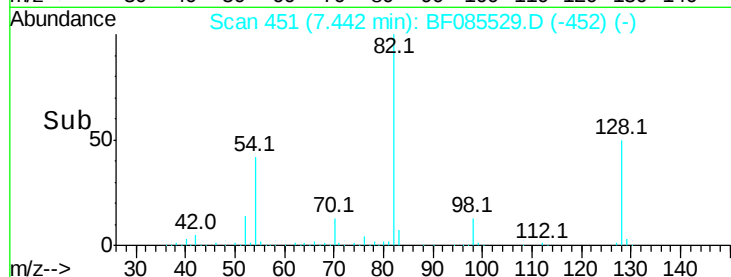
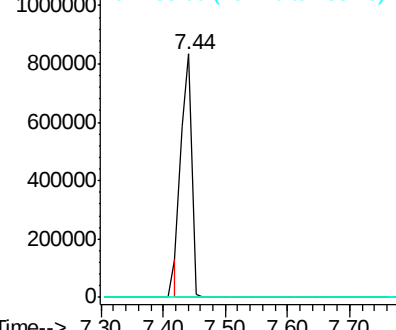
82 100

95 0.0 5.4 8.2#

138 0.0 13.3 19.9#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.91 min Scan# 667

Delta R.T. -0.05 min

Lab File: BF085529.D

Acq: 18 Mar 2016 10:37

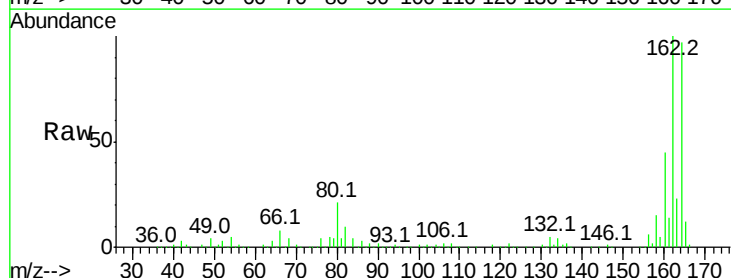
Tgt Ion: 164 Resp: 250809

Ion Ratio Lower Upper

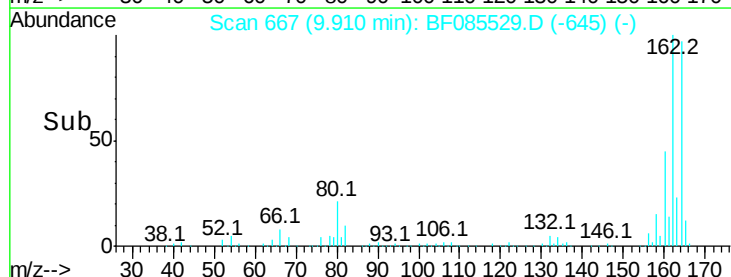
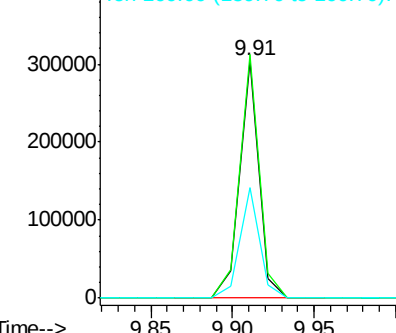
164 100

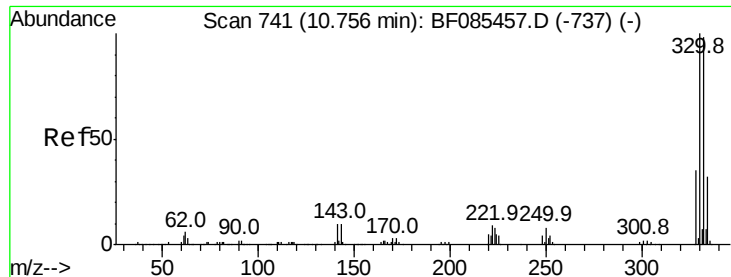
162 102.6 83.3 124.9

160 46.6 37.9 56.9



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

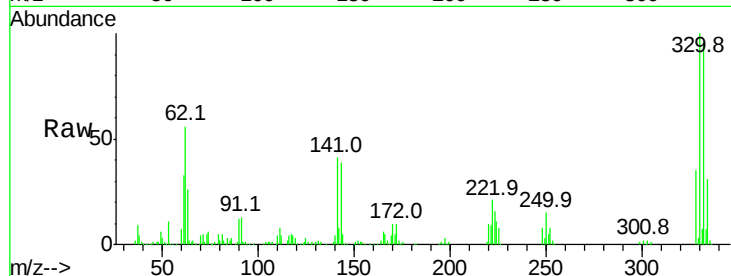




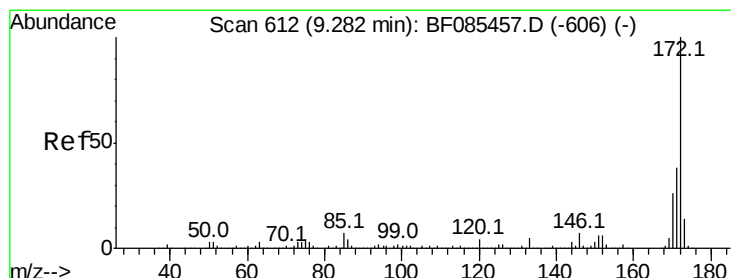
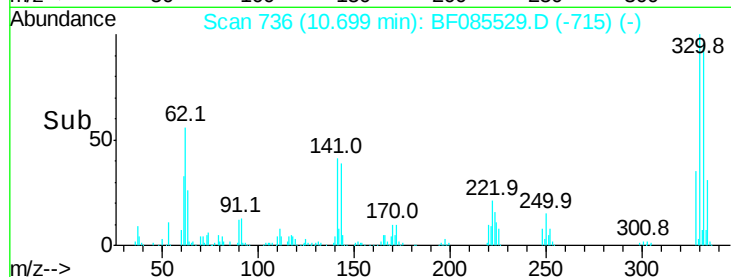
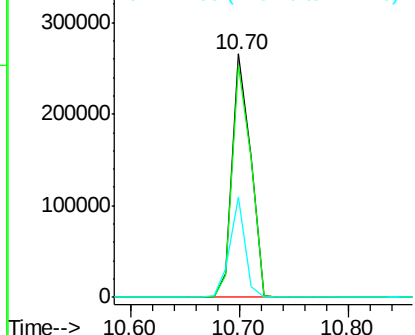
#41
 2,4,6-Tribromophenol
 Concen: 133.40 ng
 RT: 10.70 min Scan# 736
 Delta R.T. -0.06 min
 Lab File: BF085529.D
 Acq: 18 Mar 2016 10:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 308170
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.1 115.7
 141 34.9 35.0 52.6#

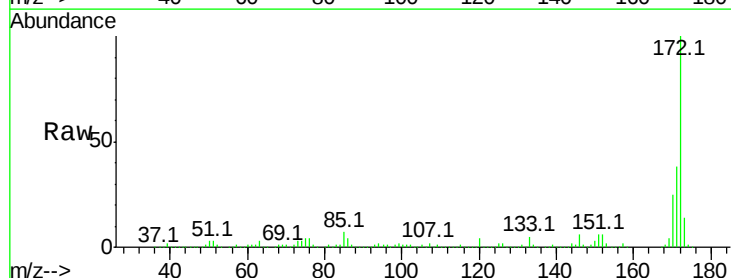


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

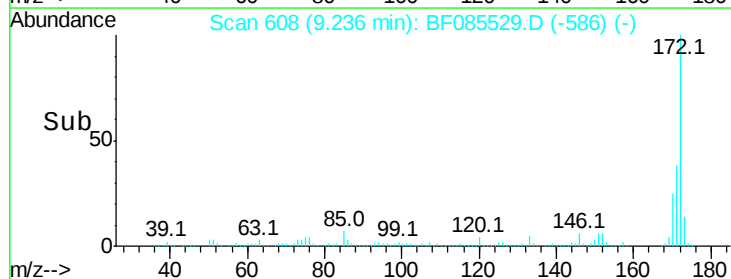
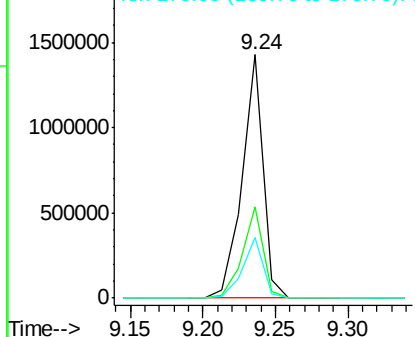


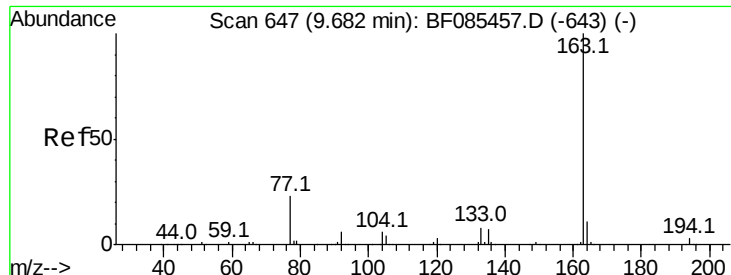
#44
 2-Fluorobiphenyl
 Concen: 98.97 ng
 RT: 9.24 min Scan# 608
 Delta R.T. -0.05 min
 Lab File: BF085529.D
 Acq: 18 Mar 2016 10:37

Tgt Ion:172 Resp: 1430836
 Ion Ratio Lower Upper
 172 100
 171 37.5 29.3 43.9
 170 24.9 20.0 30.0



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

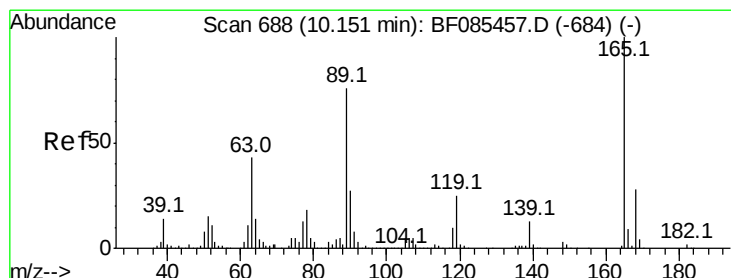
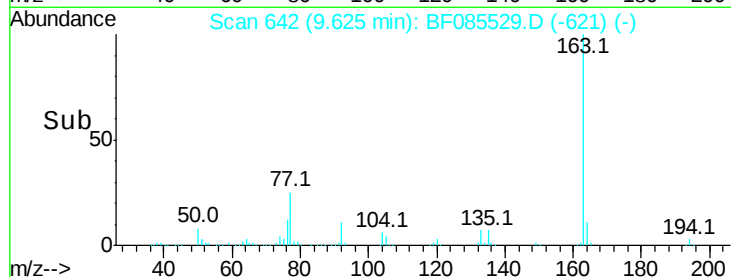
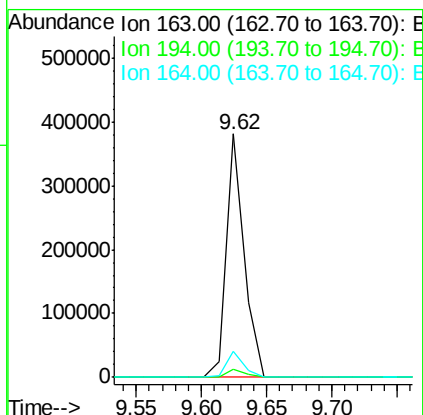
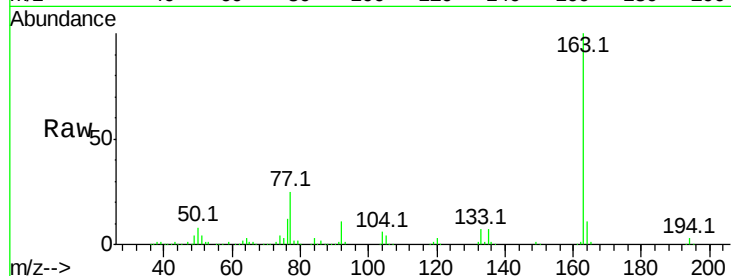




#49
Dimethylphthalate
Concen: 19.71 ng
RT: 9.62 min Scan# 642
Delta R.T. -0.06 min
Lab File: BF085529.D
Acq: 18 Mar 2016 10:37

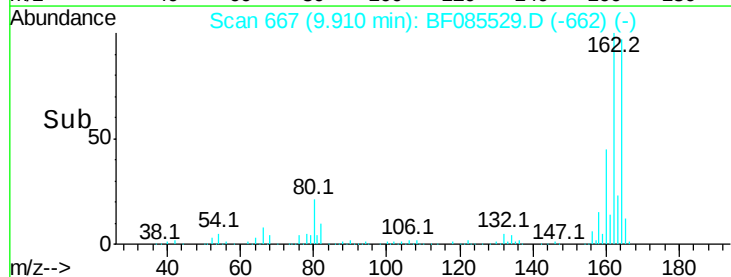
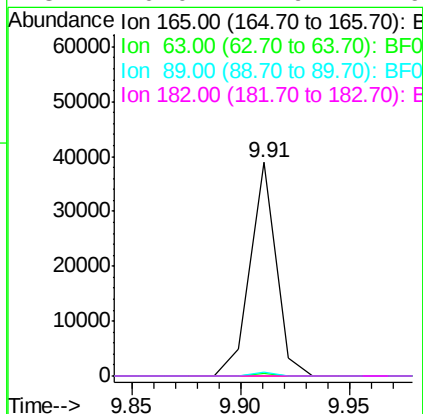
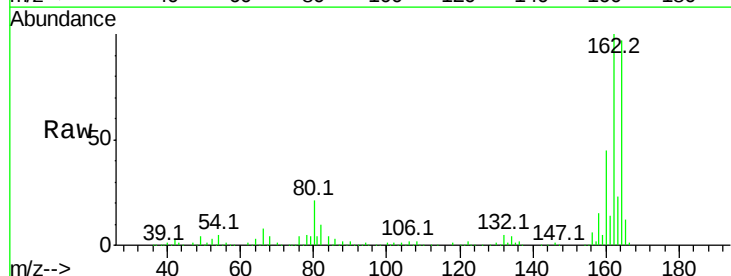
Instrument :
BNA_F
ClientSampled :

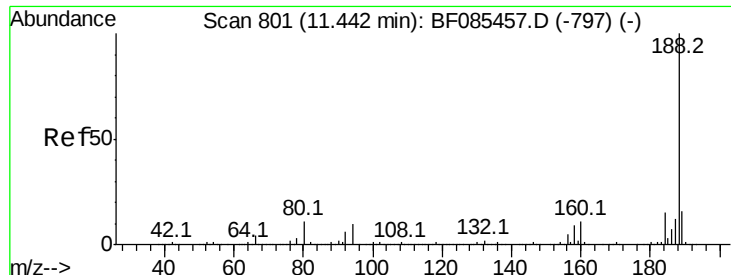
Tot Ion:163 Resp: 360605
Ion Ratio Lower Upper
163 100
194 3.1 3.1 4.7#
164 10.8 8.2 12.4



#56
2,4-Dinitrotoluene
Concen: 6.35 ng
RT: 9.91 min Scan# 667
Delta R.T. -0.24 min
Lab File: BF085529.D
Acq: 18 Mar 2016 10:37

Tgt Ion:165 Resp: 32185
Ion Ratio Lower Upper
165 100
63 1.1 35.4 53.0#
89 1.5 61.9 92.9#
182 0.0 1.9 2.9#

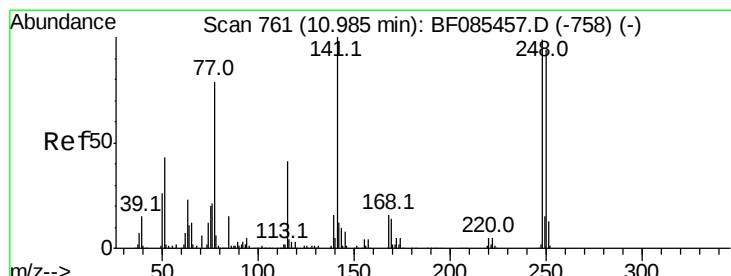
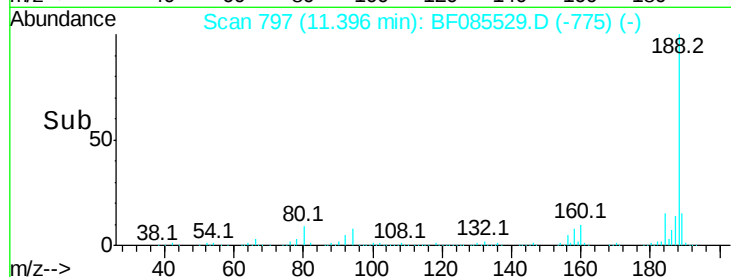
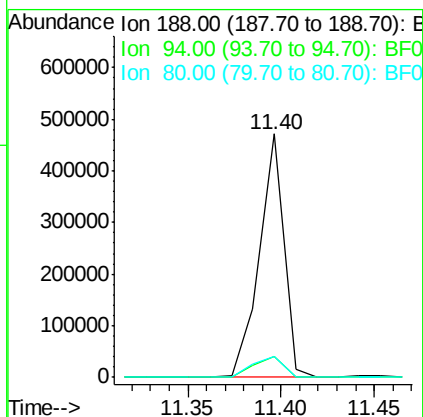
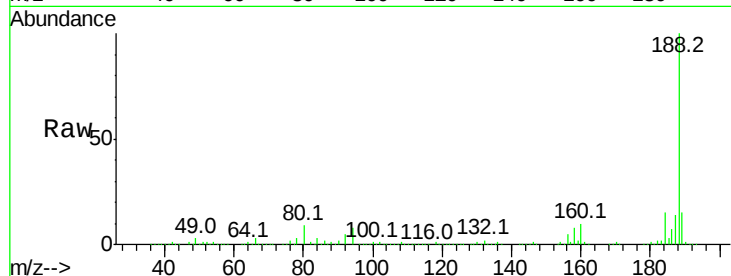




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.40 min Scan# 797
 Delta R.T. -0.05 min
 Lab File: BF085529.D
 Acq: 18 Mar 2016 10:37

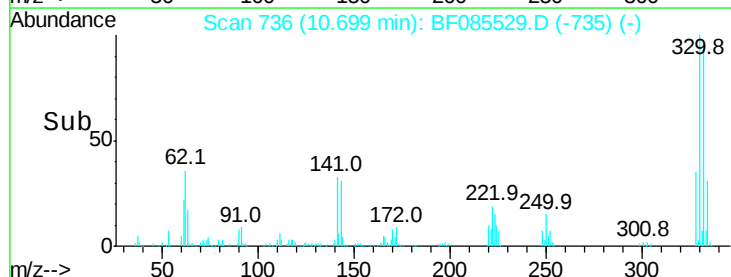
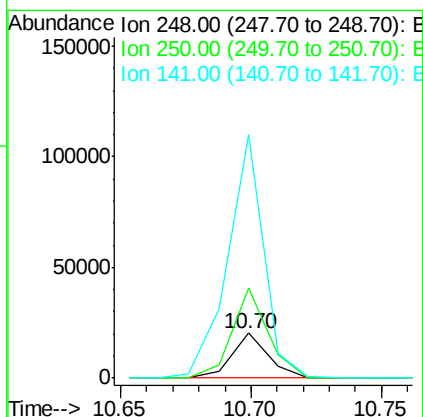
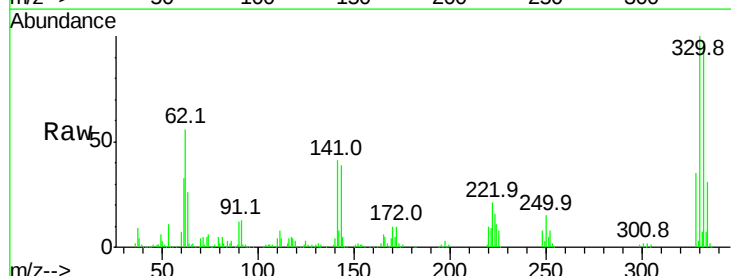
Instrument :
 BNA_F
 ClientSampleId :

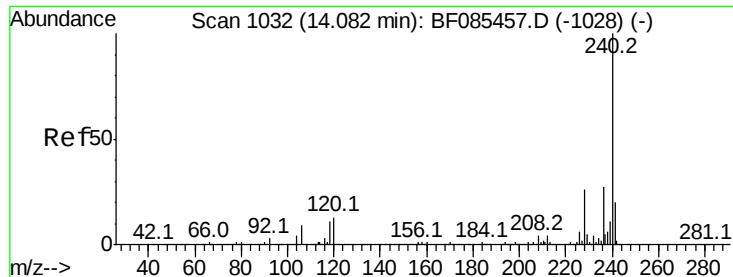
Tot Ion:188 Resp: 427988
 Ion Ratio Lower Upper
 188 100
 94 8.4 7.0 10.6
 80 8.7 7.4 11.0



#66
 4-Bromophenyl-phenylether
 Concen: 4.53 ng
 RT: 10.70 min Scan# 736
 Delta R.T. -0.29 min
 Lab File: BF085529.D
 Acq: 18 Mar 2016 10:37

Tgt Ion:248 Resp: 19621
 Ion Ratio Lower Upper
 248 100
 250 200.7 77.1 115.7#
 141 541.0 66.2 99.2#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 1027

Delta R.T. -0.06 min

Lab File: BF085529.D

Acq: 18 Mar 2016 10:37

Instrument :

BNA_F

ClientSampleId :

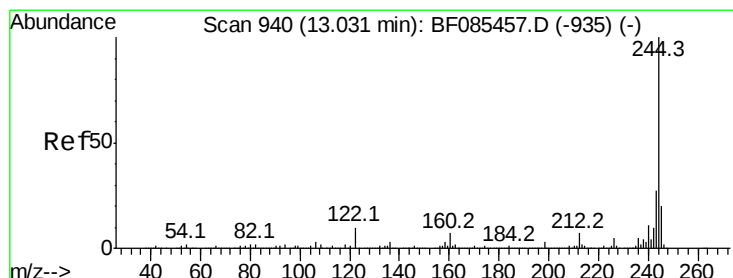
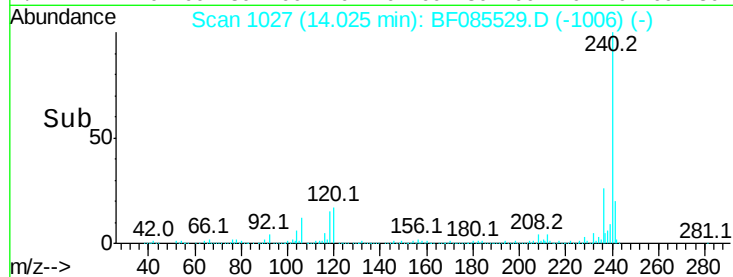
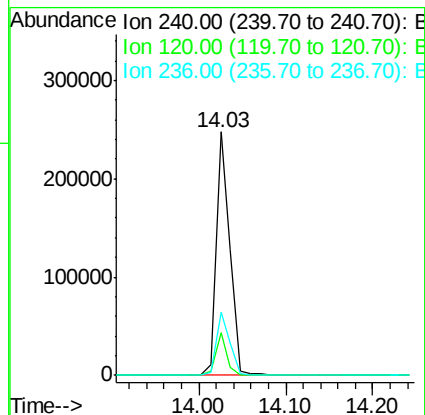
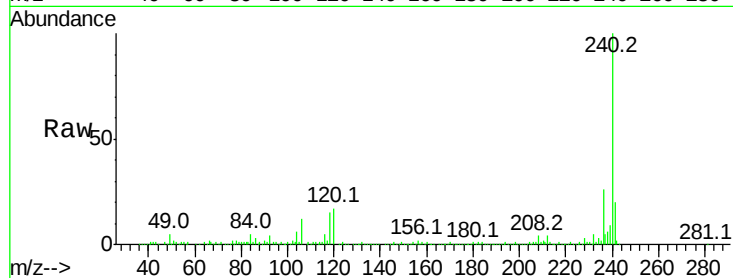
Tot Ion:240 Resp: 271617

Ion Ratio Lower Upper

240 100

120 17.3 5.3 7.9#

236 25.9 20.7 31.1



#78

Terphenyl-d14

Concen: 99.80 ng

RT: 12.98 min Scan# 936

Delta R.T. -0.05 min

Lab File: BF085529.D

Acq: 18 Mar 2016 10:37

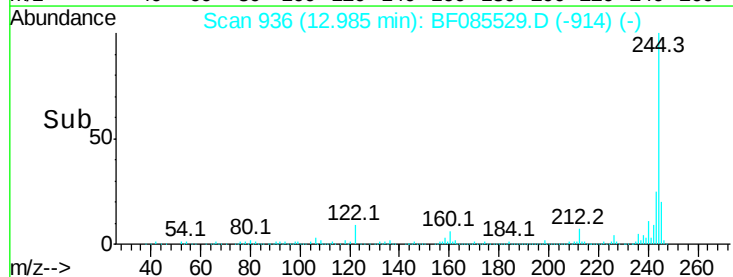
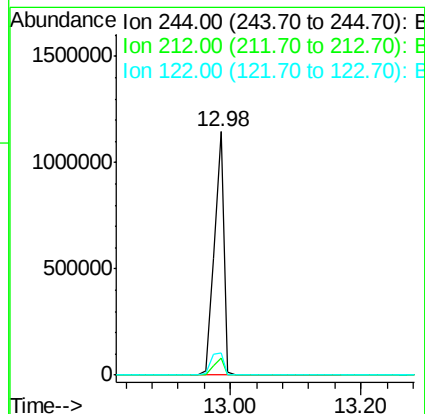
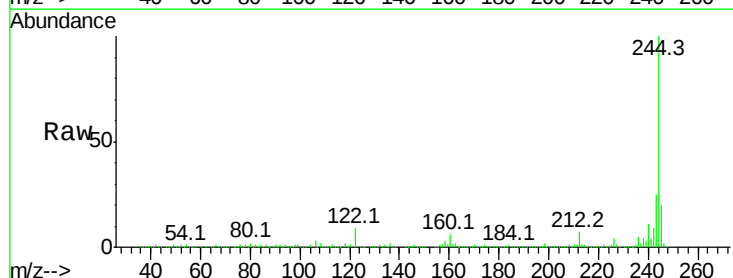
Tgt Ion:244 Resp: 1198282

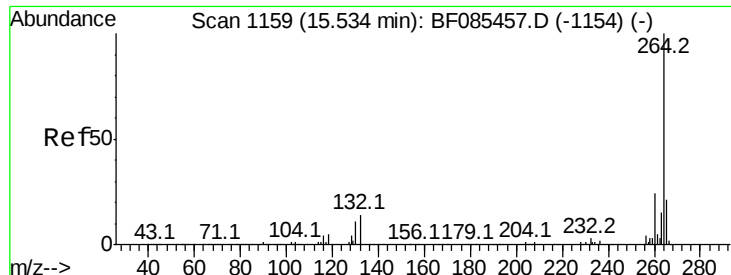
Ion Ratio Lower Upper

244 100

212 6.9 6.4 9.6

122 9.0 11.4 17.2#

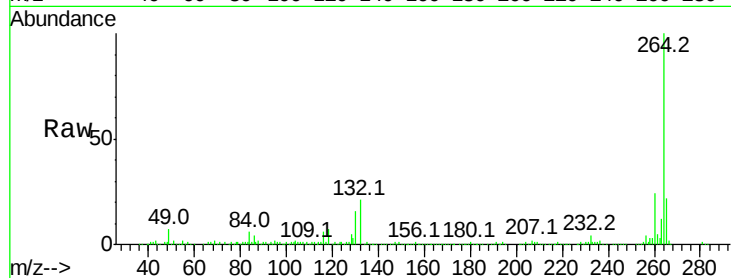




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.47 min Scan# 1153
Delta R.T. -0.07 min
Lab File: BF085529.D
Acq: 18 Mar 2016 10:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.2	17.3	25.9



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

