

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
 Data File : BF085811.D
 Acq On : 28 Mar 2016 19:47
 Operator : UM/SJ
 Sample : H1905-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-10B

Quant Time: Mar 29 03:36:55 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 28 15:27:05 2016
 Response via : Initial Calibration

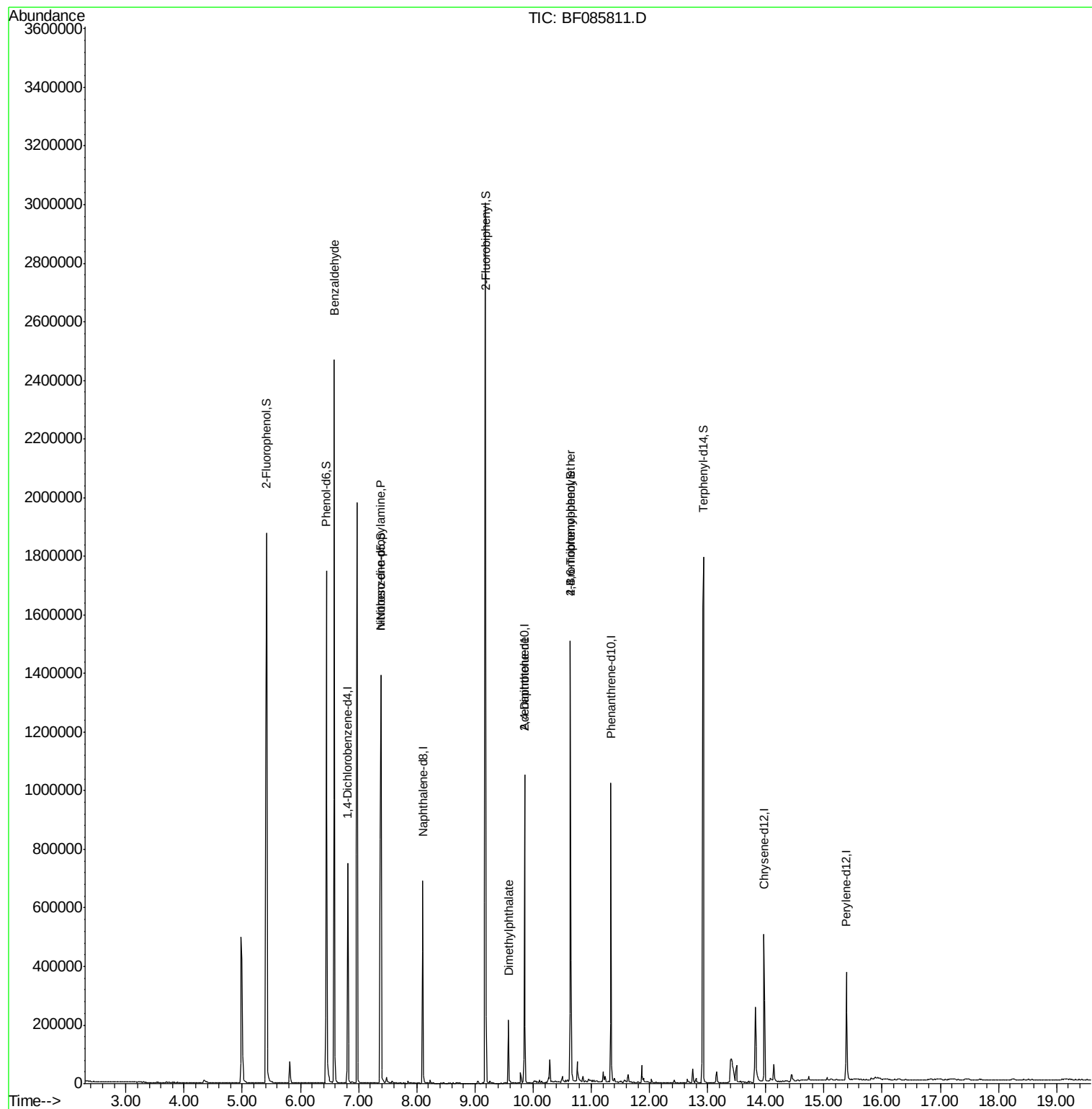
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	107439	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	414075	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	193276	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	356923	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	204178	20.00	ng	-0.01
86) Perylene-d12	15.39	264	176795	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	711662	110.32	ng	0.01
7) Phenol-d6	6.45	99	822937	100.33	ng	-0.01
23) Nitrobenzene-d5	7.38	82	575737	78.30	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	186852	101.75	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	896177	77.47	ng	-0.01
78) Terphenyl-d14	12.93	244	815453	82.14	ng	0.00
Target Compounds						
9) Benzaldehyde	6.58	77	16669	3.37	ng	Qvalue 84
19) n-Nitroso-di-n-propylamine	7.38	70	73959	15.06	ng	# 75
49) Dimethylphthalate	9.58	163	122943	8.38	ng	98
56) 2,4-Dinitrotoluene	9.85	165	24671	6.15	ng	# 37
66) 4-Bromophenyl-phenylether	10.64	248	12376	3.39	ng	# 1

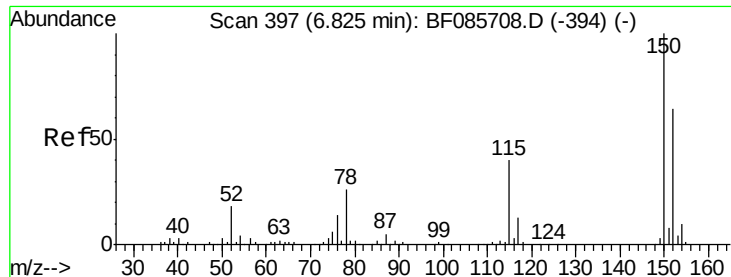
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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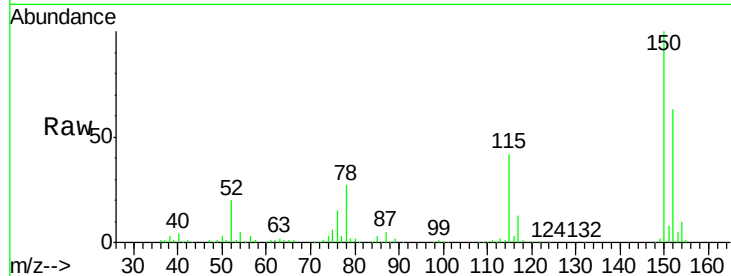


#1

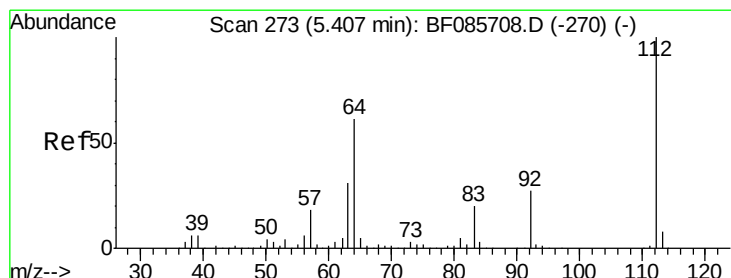
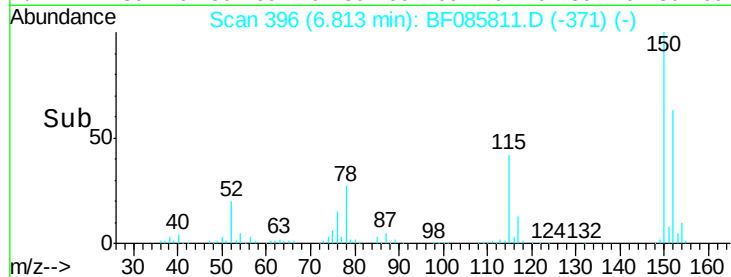
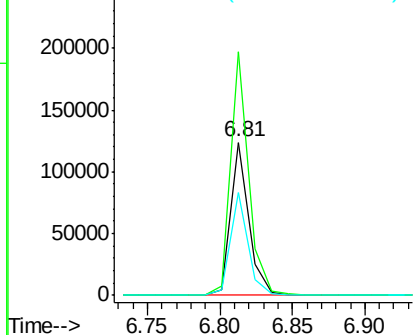
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.81 min Scan# 396
 Delta R.T. -0.01 min
 Lab File: BF085811.D
 Acq: 28 Mar 2016 19:47

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-10B

Tgt Ion:152 Resp: 107439
 Ion Ratio Lower Upper
 152 100
 150 159.1 124.2 186.2
 115 66.8 47.0 70.6



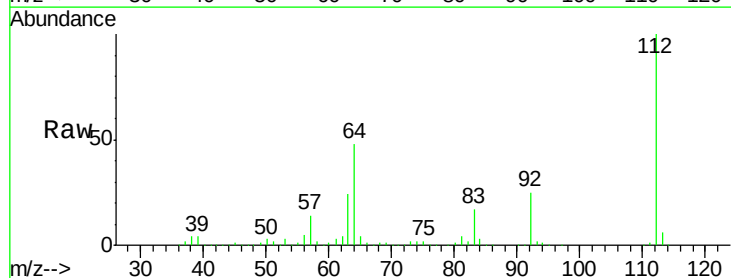
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



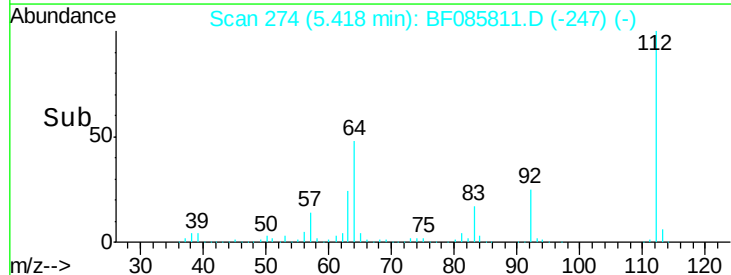
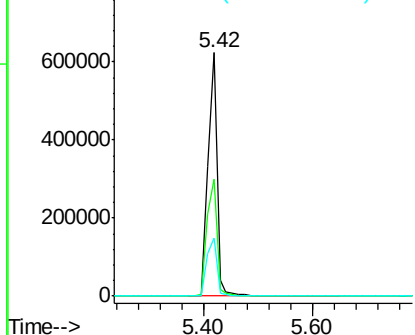
#5

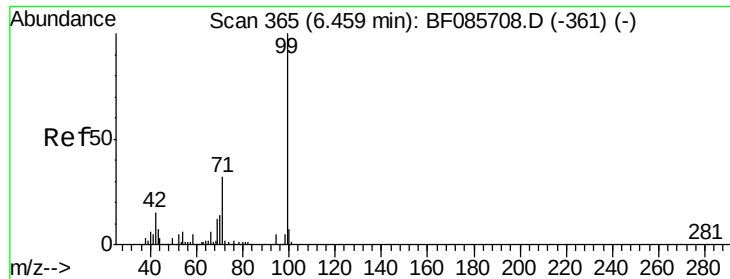
2-Fluorophenol
 Concen: 110.32 ng
 RT: 5.42 min Scan# 274
 Delta R.T. 0.01 min
 Lab File: BF085811.D
 Acq: 28 Mar 2016 19:47

Tgt Ion:112 Resp: 711662
 Ion Ratio Lower Upper
 112 100
 64 47.9 39.9 59.9
 63 24.0 20.2 30.2



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: 100.33 ng

RT: 6.45 min Scan# 364

Delta R.T. -0.01 min

Lab File: BF085811.D

Acq: 28 Mar 2016 19:47

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-10B

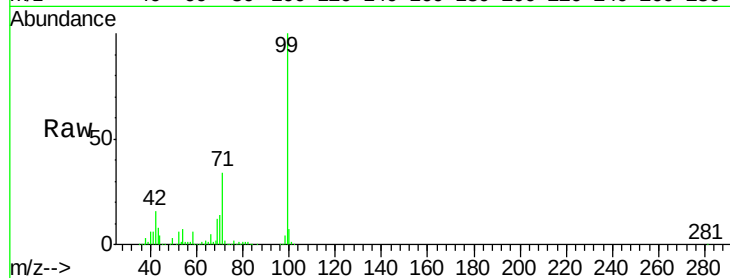
Tgt Ion: 99 Resp: 822937

Ion Ratio Lower Upper

99 100

42 16.4 11.1 16.7

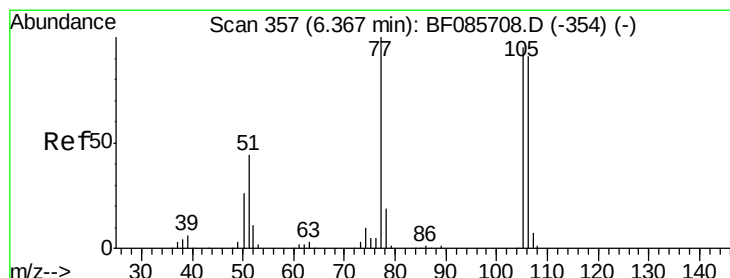
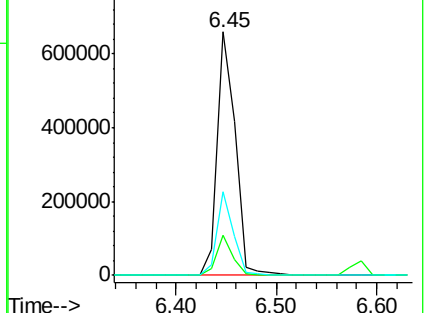
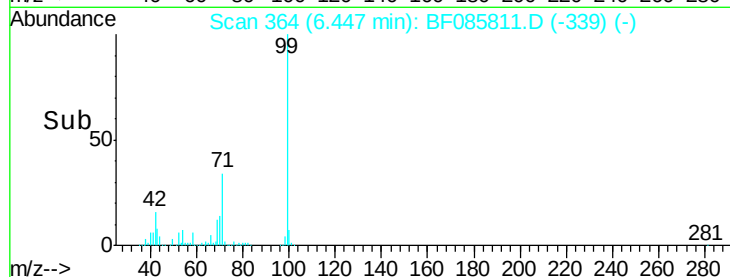
71 34.2 24.9 37.3



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: 3.37 ng

RT: 6.58 min Scan# 376

Delta R.T. 0.22 min

Lab File: BF085811.D

Acq: 28 Mar 2016 19:47

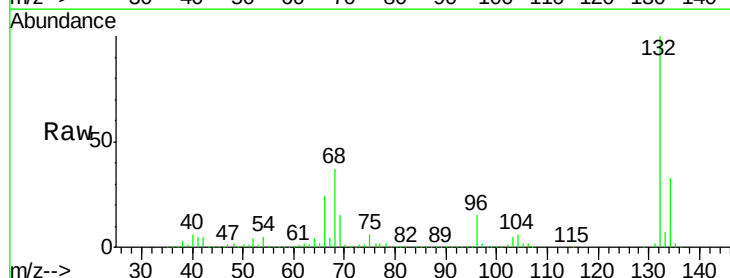
Tgt Ion: 77 Resp: 16669

Ion Ratio Lower Upper

77 100

105 84.1 80.1 120.1

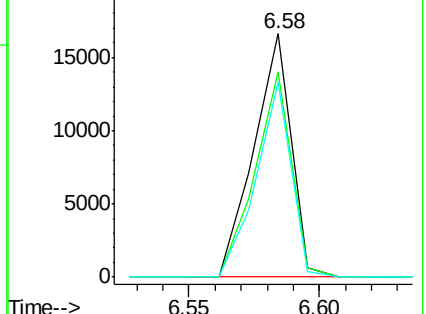
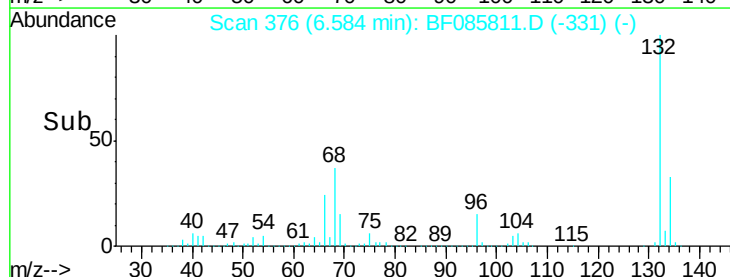
106 80.0 75.0 115.0

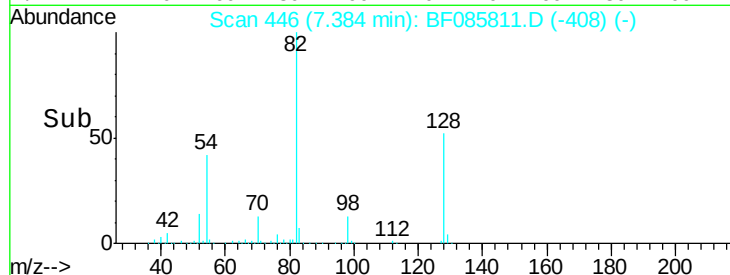
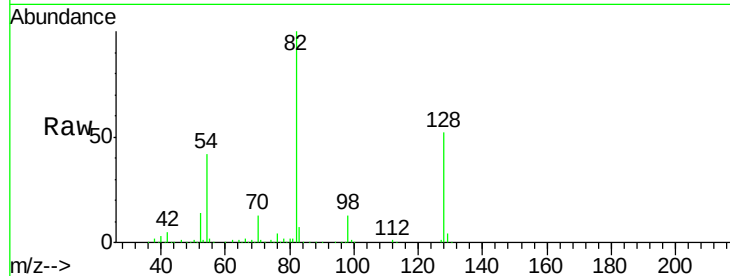
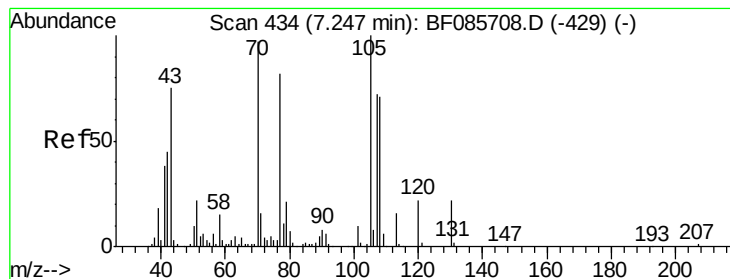


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 15.06 ng

RT: 7.38 min Scan# 446

Delta R.T. 0.14 min

Lab File: BF085811.D

Acq: 28 Mar 2016 19:47

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-10B

Tgt Ion: 70 Resp: 73959

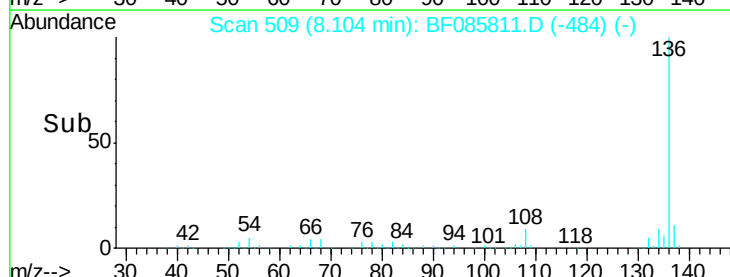
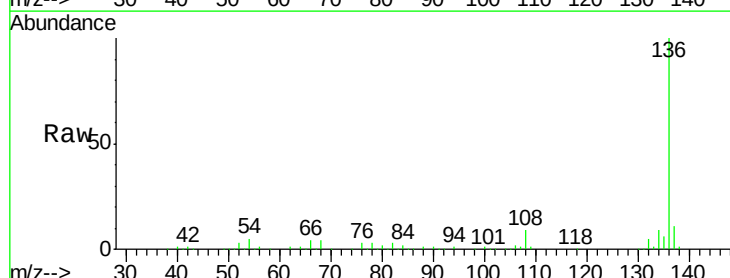
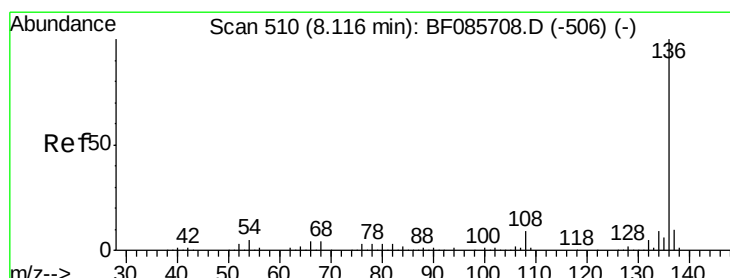
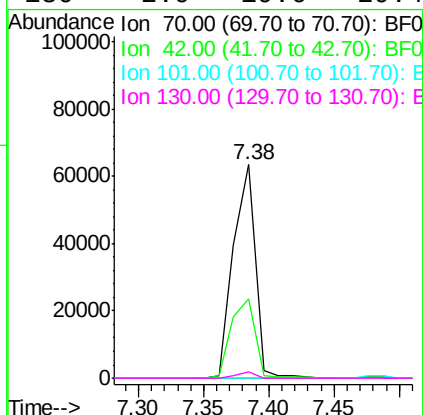
Ion Ratio Lower Upper

70 100

42 37.1 37.1 55.7#

101 0.0 8.6 12.8#

130 2.9 19.6 29.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 509

Delta R.T. -0.01 min

Lab File: BF085811.D

Acq: 28 Mar 2016 19:47

Tgt Ion: 136 Resp: 414075

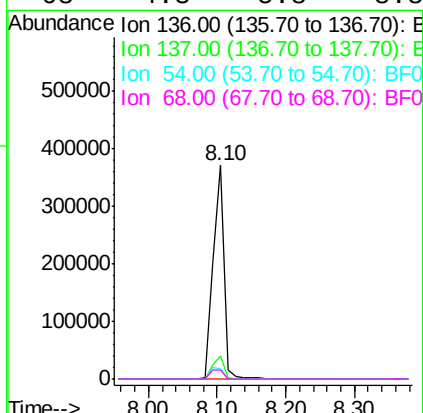
Ion Ratio Lower Upper

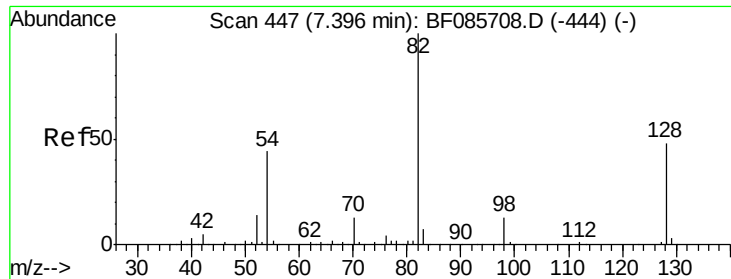
136 100

137 10.5 9.1 13.7

54 4.8 7.4 11.0#

68 4.3 5.8 8.8#

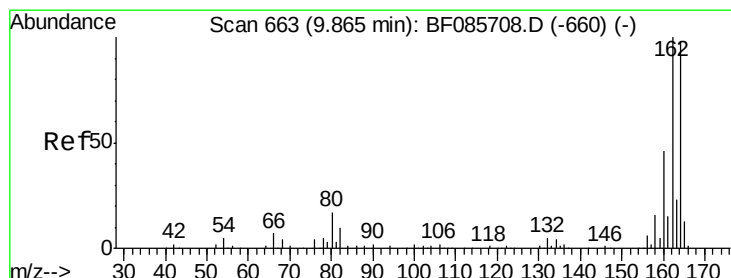
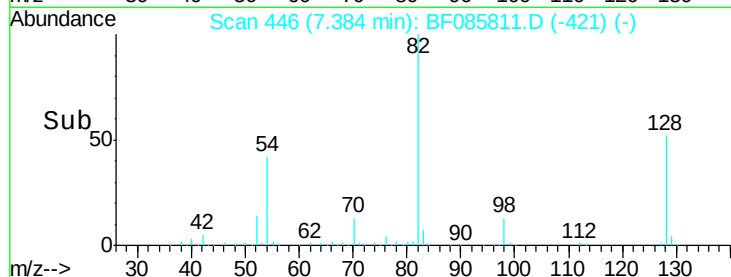
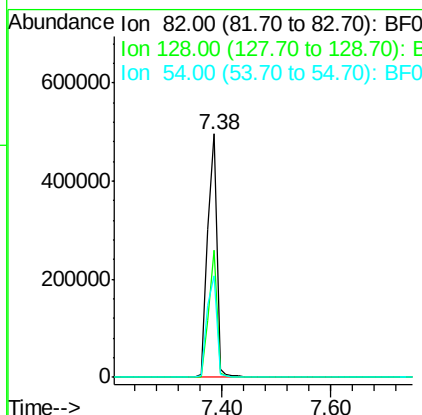
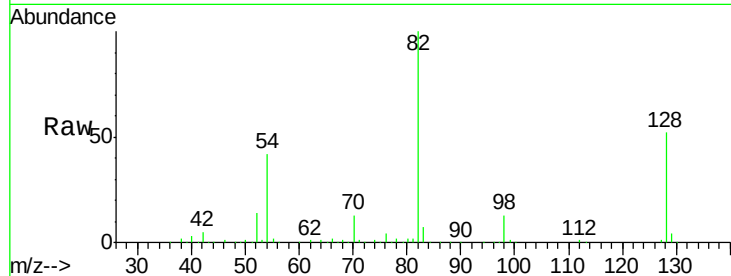




#23
 Nitrobenzene-d5
 Concen: 78.30 ng
 RT: 7.38 min Scan# 446
 Delta R.T. -0.01 min
 Lab File: BF085811.D
 Acq: 28 Mar 2016 19:47

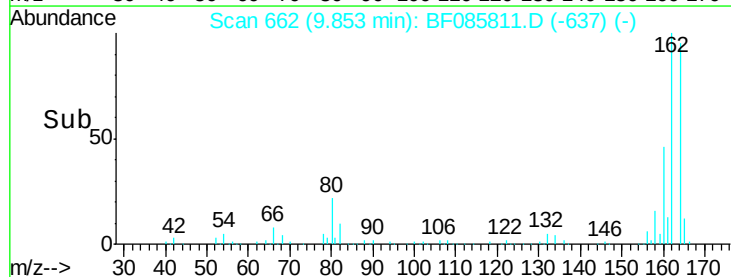
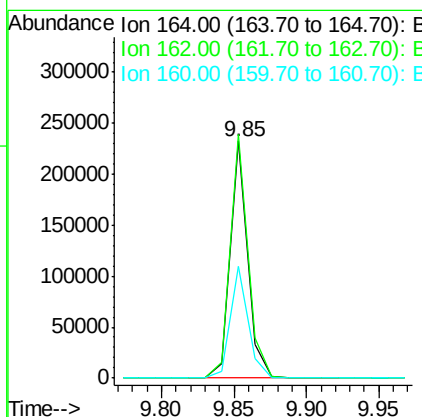
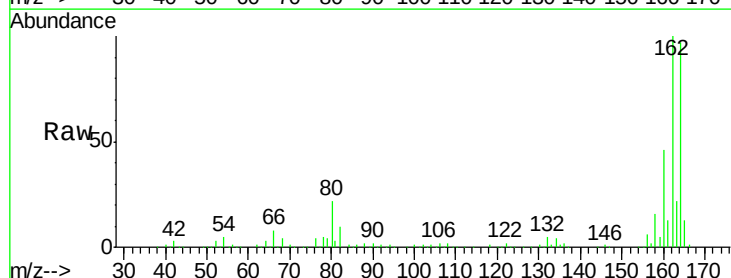
Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-10B

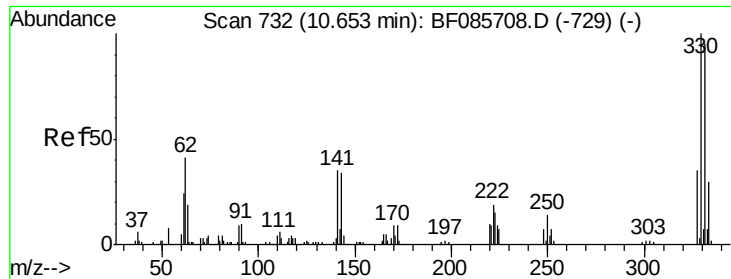
Tgt Ion: 82 Resp: 575737
 Ion Ratio Lower Upper
 82 100
 128 52.0 41.8 62.8
 54 41.9 33.4 50.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 662
 Delta R.T. -0.01 min
 Lab File: BF085811.D
 Acq: 28 Mar 2016 19:47

Tgt Ion: 164 Resp: 193276
 Ion Ratio Lower Upper
 164 100
 162 102.8 82.1 123.1
 160 47.3 37.4 56.2

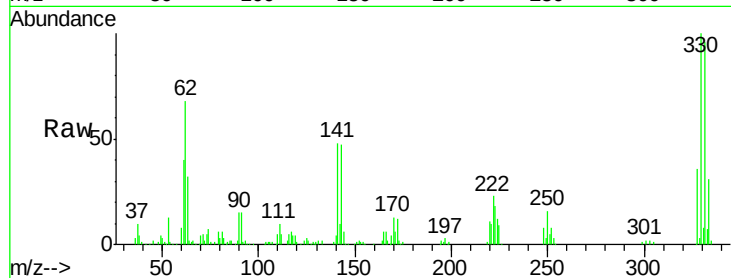




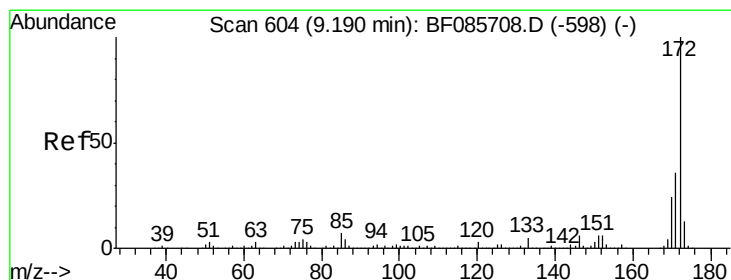
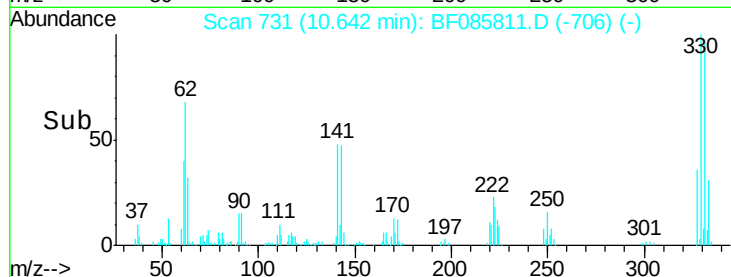
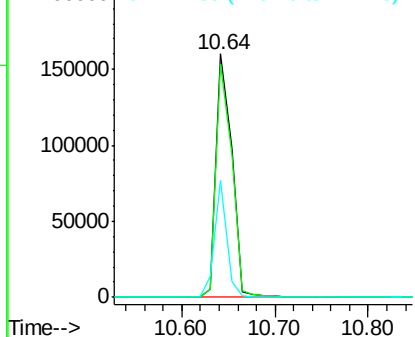
#41
 2,4,6-Tribromophenol
 Concen: 101.75 ng
 RT: 10.64 min Scan# 731
 Delta R.T. -0.01 min
 Lab File: BF085811.D
 Acq: 28 Mar 2016 19:47

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-10B

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	78.2	117.2
141	38.2	31.5	47.3

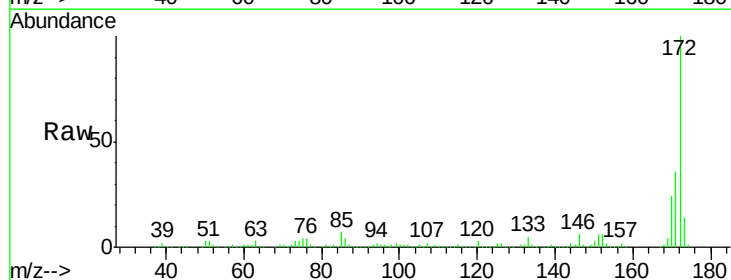


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

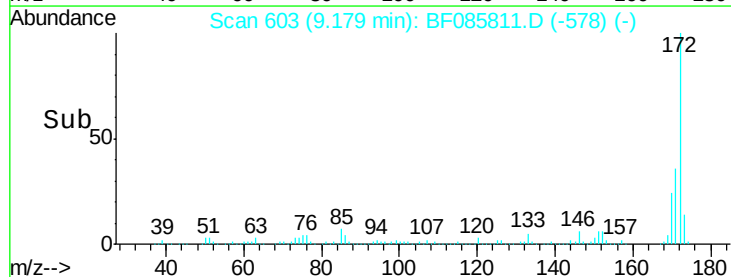
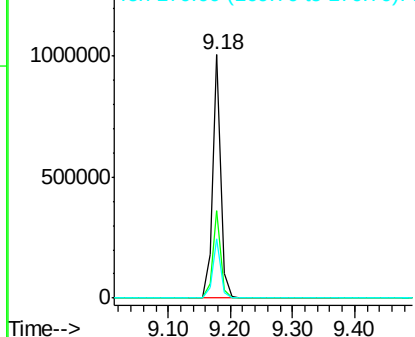


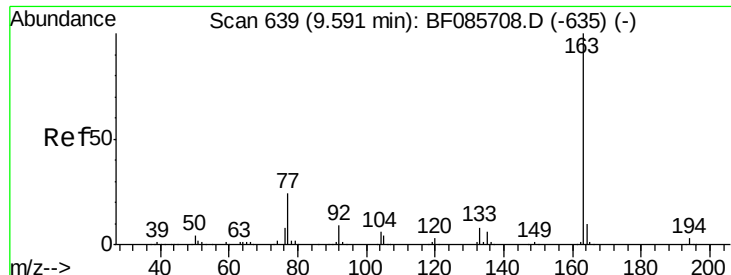
#44
 2-Fluorobiphenyl
 Concen: 77.47 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF085811.D
 Acq: 28 Mar 2016 19:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.2
170	24.4	19.8	29.6



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: 8.38 ng

RT: 9.58 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF085811.D

Acq: 28 Mar 2016 19:47

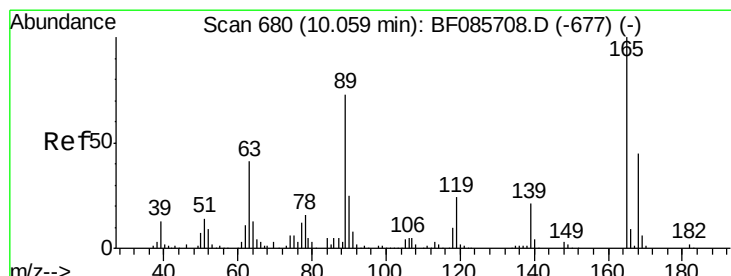
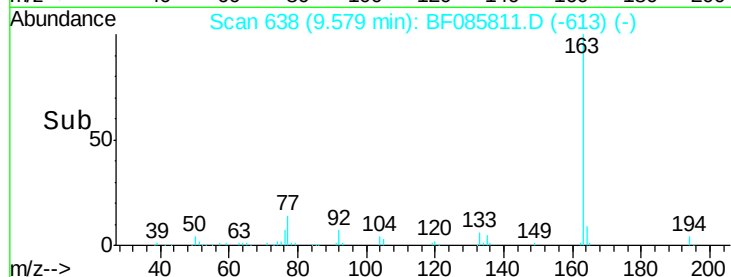
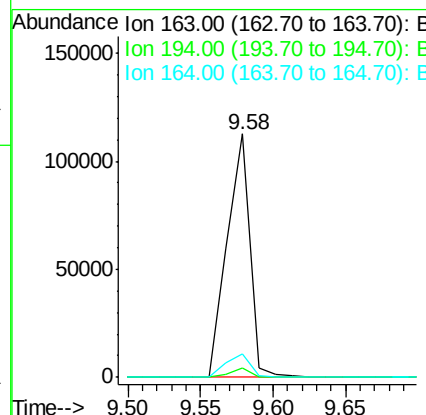
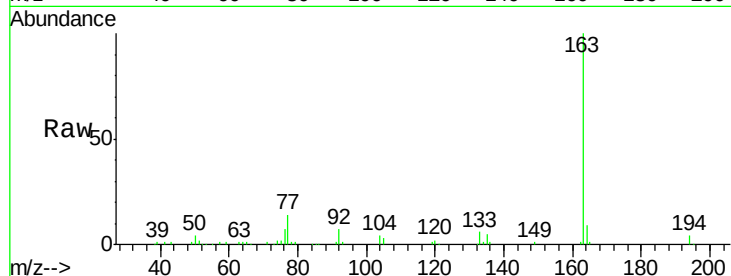
Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-10B

Tgt Ion:	163	Resp:	122943
Ion Ratio	Lower	Upper	
163	100		
194	4.0	2.9	4.3
164	9.4	8.3	12.5



#56

2,4-Dinitrotoluene

Concen: 6.15 ng

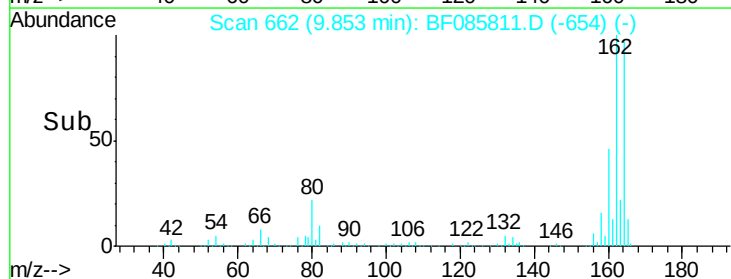
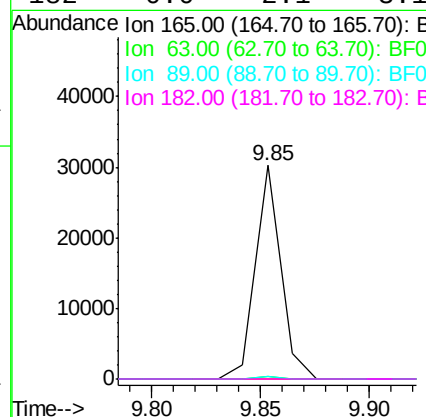
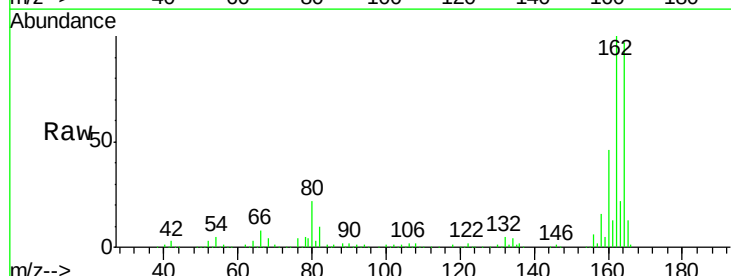
RT: 9.85 min Scan# 662

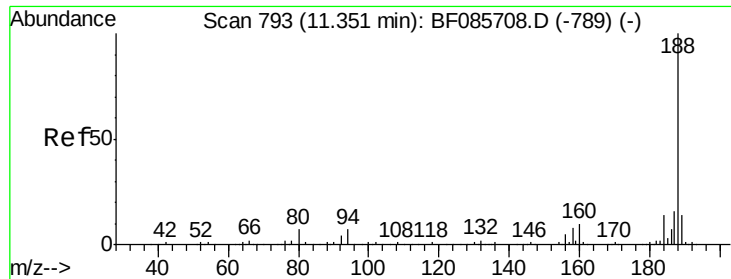
Delta R.T. -0.21 min

Lab File: BF085811.D

Acq: 28 Mar 2016 19:47

Tgt Ion:	165	Resp:	24671
Ion Ratio	Lower	Upper	
165	100		
63	1.3	24.9	37.3#
89	1.4	41.0	61.6#
182	0.0	2.1	3.1#

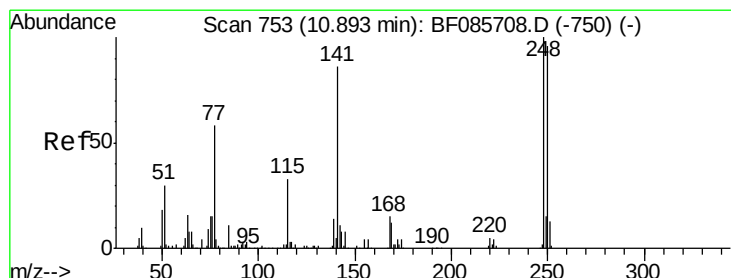
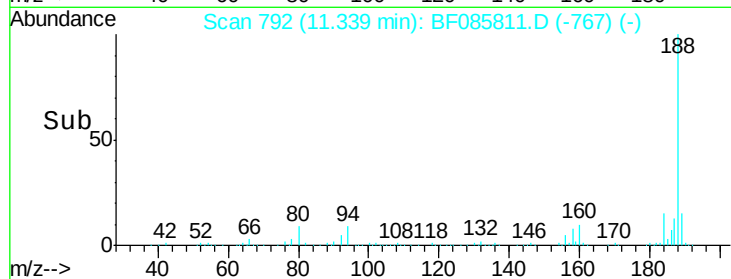
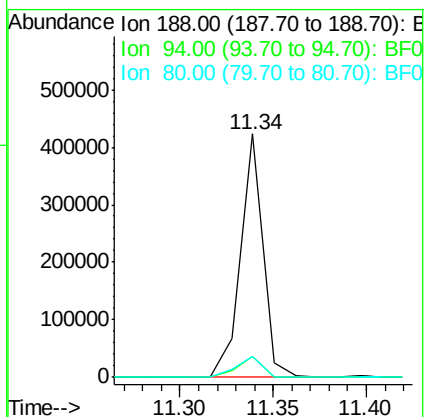
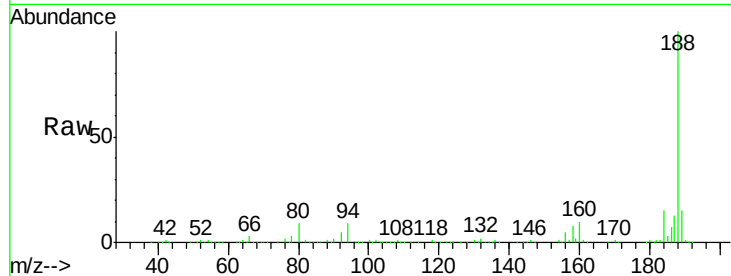




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.34 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF085811.D
 Acq: 28 Mar 2016 19:47

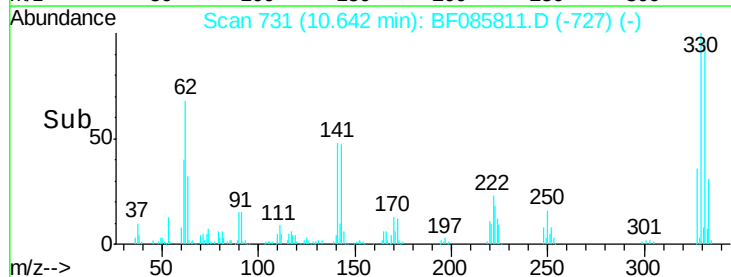
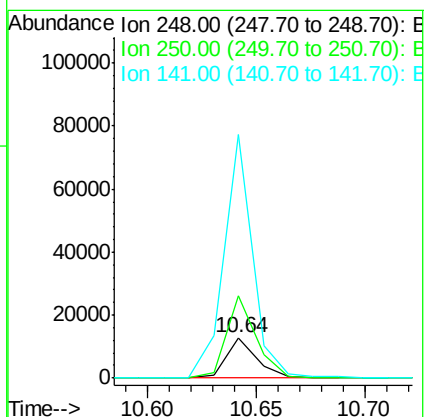
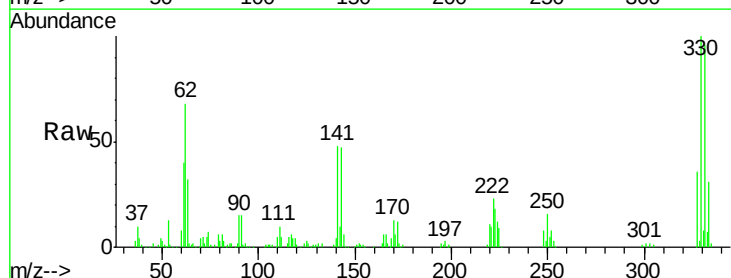
Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-10B

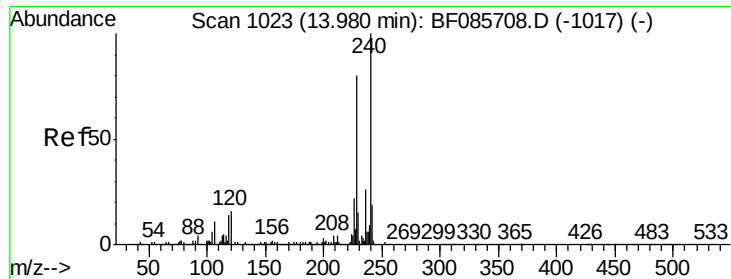
Tgt Ion:188 Resp: 356923
 Ion Ratio Lower Upper
 188 100
 94 8.6 5.4 8.0#
 80 8.8 5.5 8.3#



#66
 4-Bromophenyl-phenylether
 Concen: 3.39 ng
 RT: 10.64 min Scan# 731
 Delta R.T. -0.25 min
 Lab File: BF085811.D
 Acq: 28 Mar 2016 19:47

Tgt Ion:248 Resp: 12376
 Ion Ratio Lower Upper
 248 100
 250 202.6 77.4 116.0#
 141 598.2 63.6 95.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF085811.D

Acq: 28 Mar 2016 19:47

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-10B

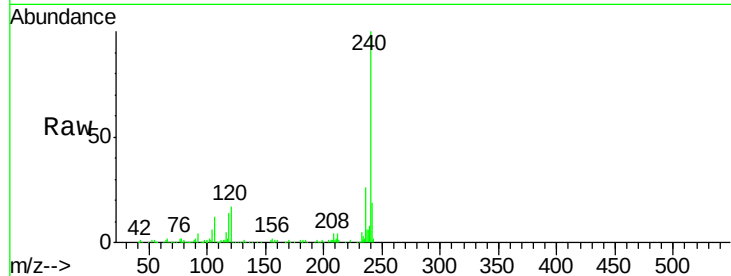
Tgt Ion:240 Resp: 204178

Ion Ratio Lower Upper

240 100

120 16.9 13.8 20.8

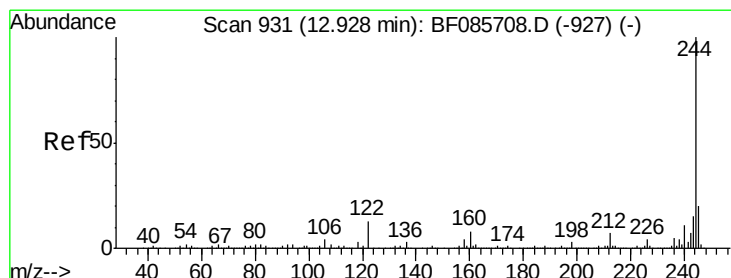
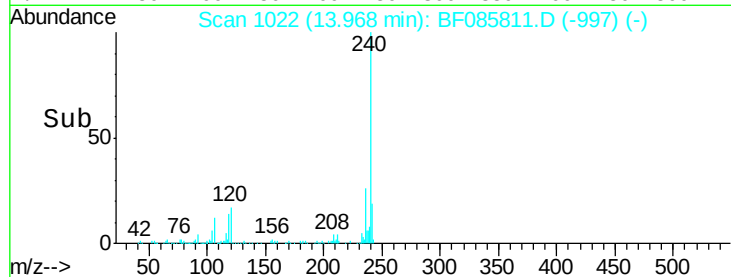
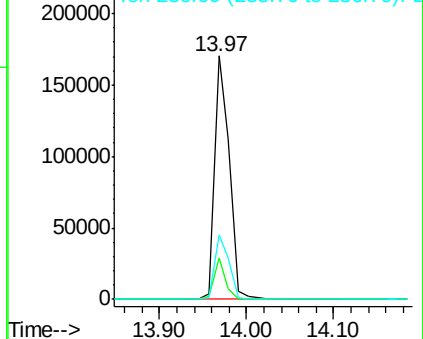
236 26.3 20.6 30.8



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: 82.14 ng

RT: 12.93 min Scan# 931

Delta R.T. -0.00 min

Lab File: BF085811.D

Acq: 28 Mar 2016 19:47

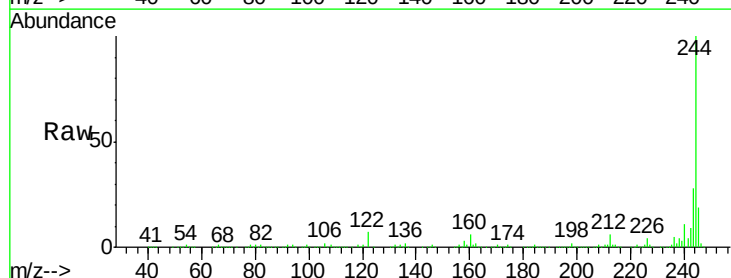
Tgt Ion:244 Resp: 815453

Ion Ratio Lower Upper

244 100

212 6.5 6.1 9.1

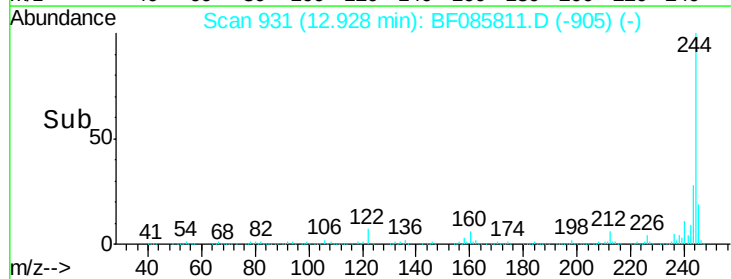
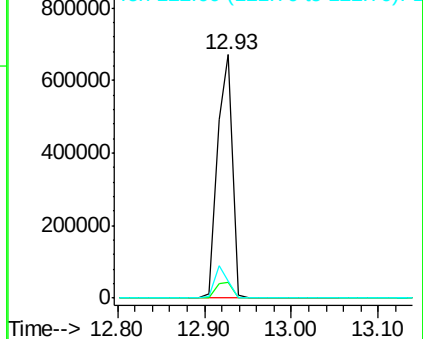
122 6.8 10.2 15.4#

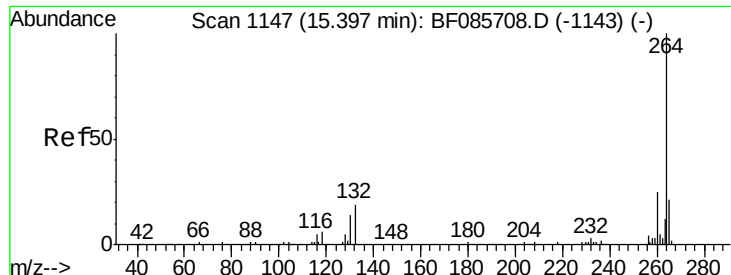


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

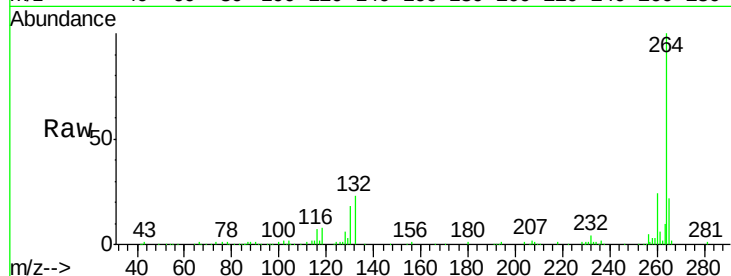




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF085811.D
Acq: 28 Mar 2016 19:47

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-10B

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	21.7	17.2	25.8



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

