

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112515\
 Data File : BF083292.D
 Acq On : 26 Nov 2015 00:16
 Operator : UM/IZ
 Sample : G4569-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IM-CLAY-001

Quant Time: Nov 26 01:19:49 2015
 Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

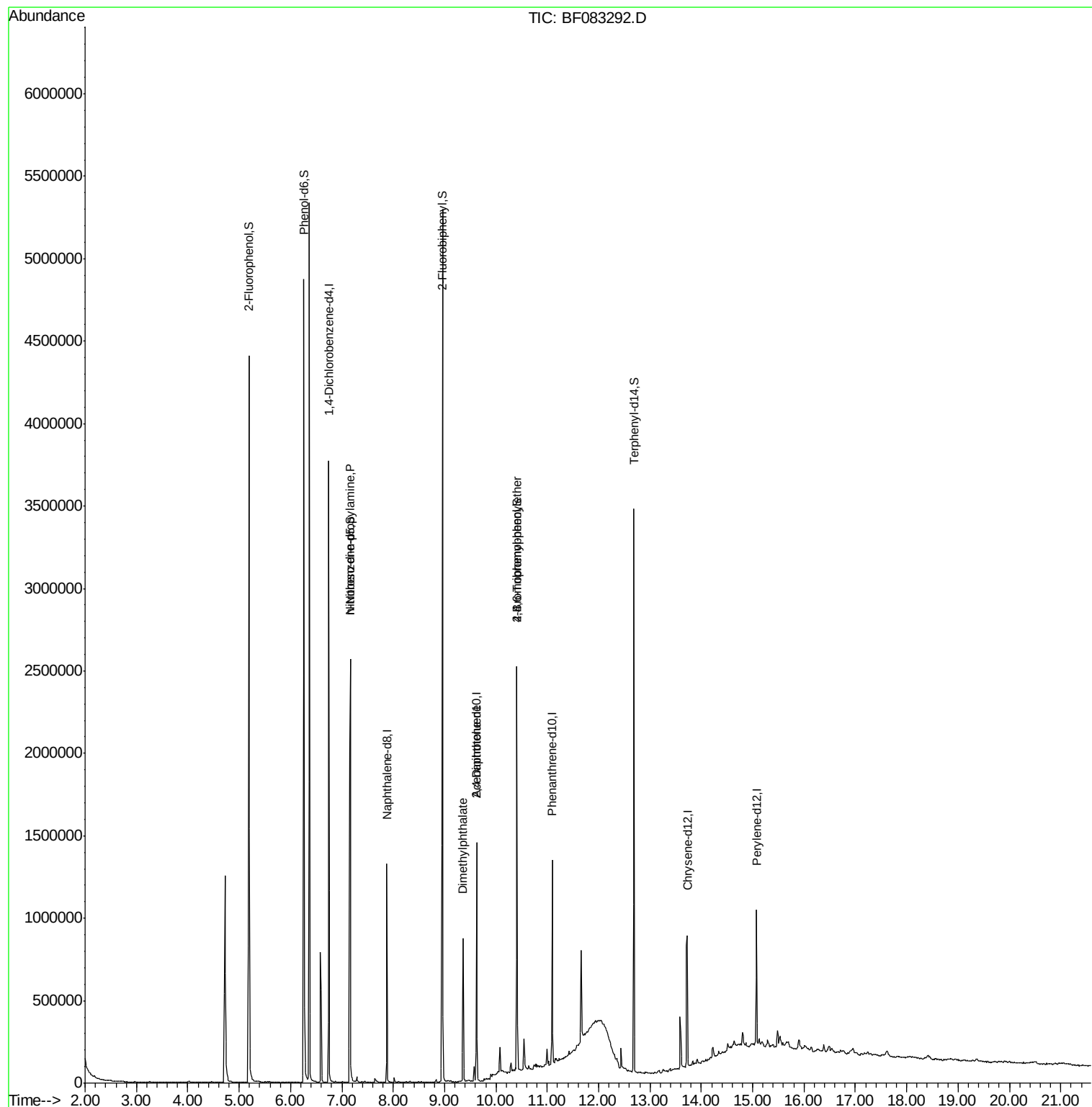
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	586787	20.00	ng	0.08
21) Naphthalene-d8	7.87	136	577022	20.00	ng	-0.08
38) Acenaphthene-d10	9.62	164	268526	20.00	ng	-0.08
63) Phenanthrene-d10	11.10	188	425049	20.00	ng	-0.08
75) Chrysene-d12	13.73	240	395517	20.00	ng	-0.08
86) Perylene-d12	15.07	264	365354	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	1316072	33.91	ng	-0.09
7) Phenol-d6	6.26	99	1880865	37.45	ng	-0.08
23) Nitrobenzene-d5	7.16	82	1199902	95.02	ng	-0.07
41) 2,4,6-Tribromophenol	10.41	330	252702	91.99	ng	-0.08
44) 2-Fluorobiphenyl	8.96	172	1606453	83.42	ng	-0.07
78) Terphenyl-d14	12.68	244	1045708	62.26	ng	-0.08
Target Compounds						
9) Benzaldehyde	6.26	77	2926	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	7.16	70	158932	4.55 ng	#	72
49) Dimethylphthalate	9.36	163	334753	16.19 ng		100
56) 2,4-Dinitrotoluene	9.62	165	33555	5.71 ng	#	10
66) 4-Bromophenyl-phenylether	10.41	248	18135	3.84 ng	#	1

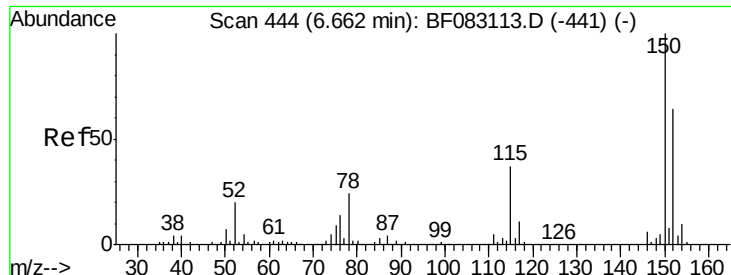
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112515\
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Quant Time: Nov 26 01:19:49 2015
Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 416

Delta R.T. 0.08 min

Lab File: BF083292.D

Acq: 26 Nov 2015 00:16

Instrument :

BNA_F

ClientSampleId :

IM-CLAY-001

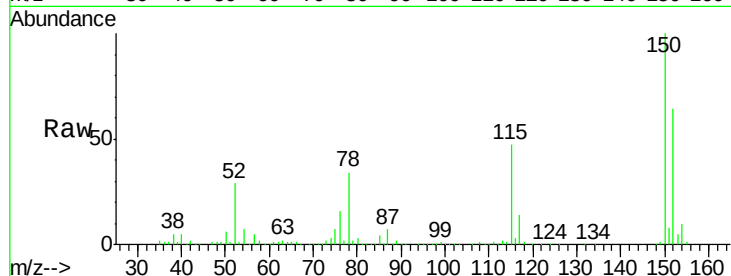
Tgt Ion:152 Resp: 586787

Ion Ratio Lower Upper

152 100

150 156.3 125.8 188.8

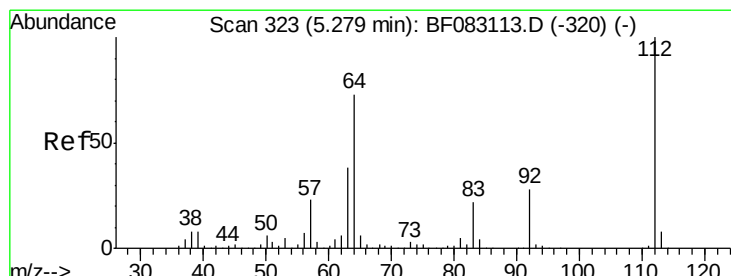
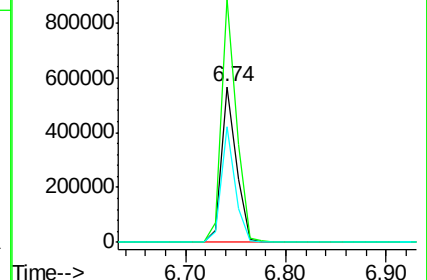
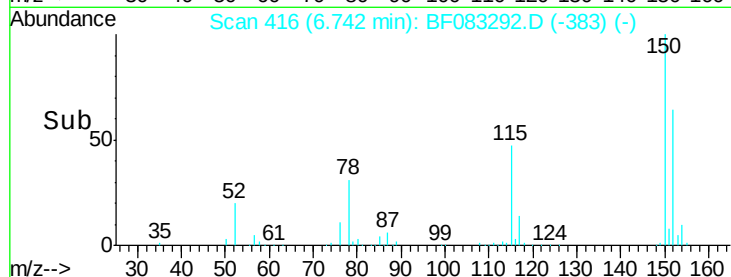
115 74.2 46.9 70.3#



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: 33.91 ng

RT: 5.19 min Scan# 280

Delta R.T. -0.09 min

Lab File: BF083292.D

Acq: 26 Nov 2015 00:16

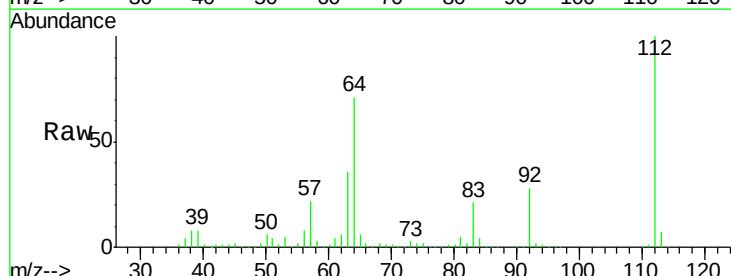
Tgt Ion:112 Resp: 1316072

Ion Ratio Lower Upper

112 100

64 71.5 58.4 87.6

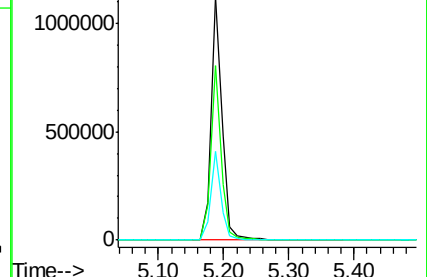
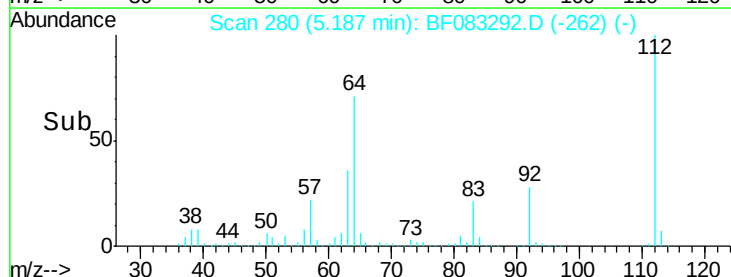
63 36.4 30.0 45.0

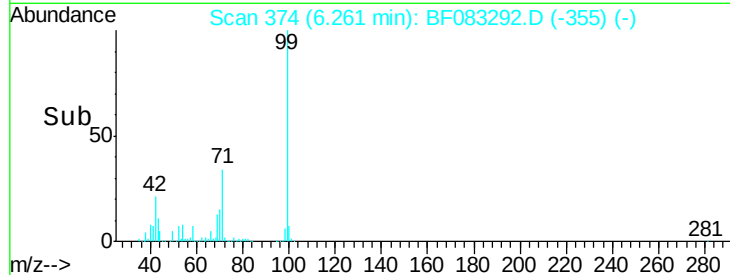
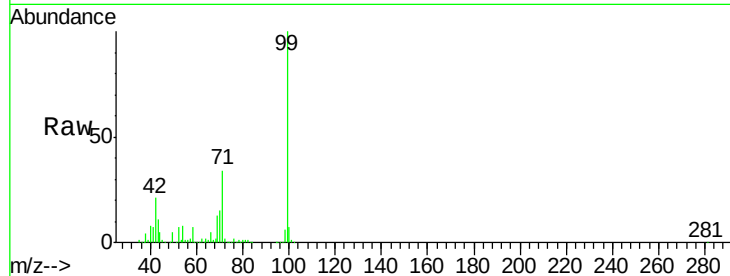
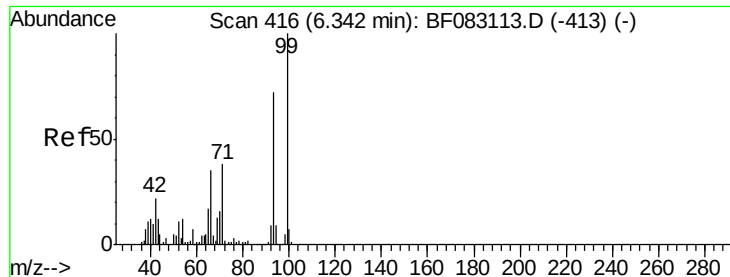


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 37.45 ng

RT: 6.26 min Scan# 374

Delta R.T. -0.08 min

Lab File: BF083292.D

Acq: 26 Nov 2015 00:16

Instrument :

BNA_F

ClientSampleId :

IM-CLAY-001

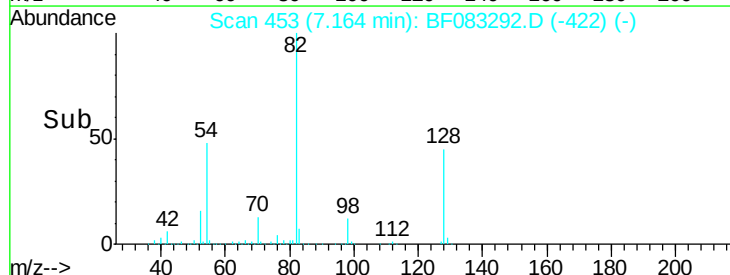
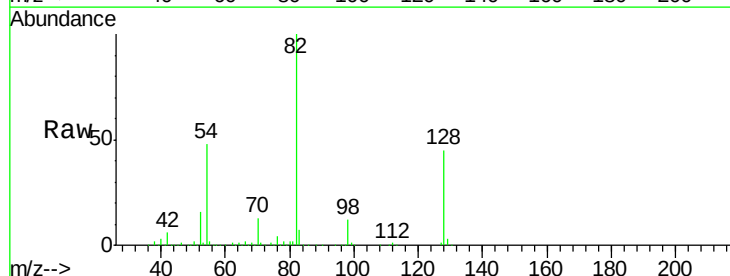
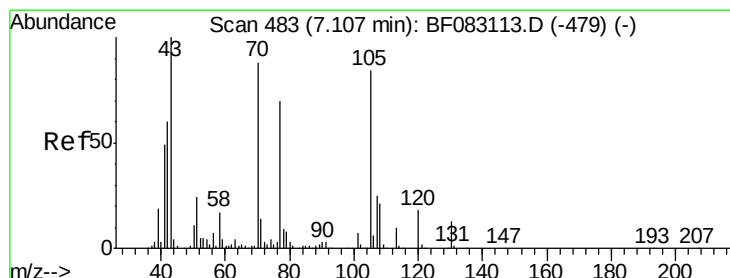
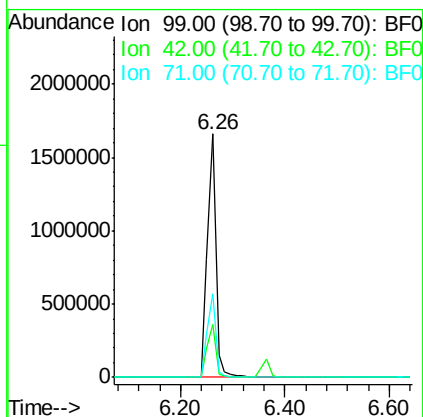
Tgt Ion: 99 Resp: 1880865

Ion Ratio Lower Upper

99 100

42 21.5 17.7 26.5

71 34.5 30.2 45.4



#19

n-Nitroso-di-n-propylamine

Concen: 4.55 ng

RT: 7.16 min Scan# 453

Delta R.T. 0.06 min

Lab File: BF083292.D

Acq: 26 Nov 2015 00:16

Tgt Ion: 70 Resp: 158932

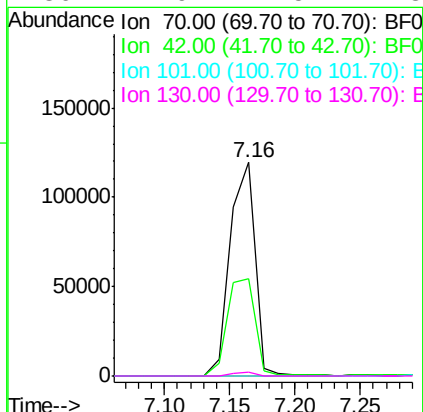
Ion Ratio Lower Upper

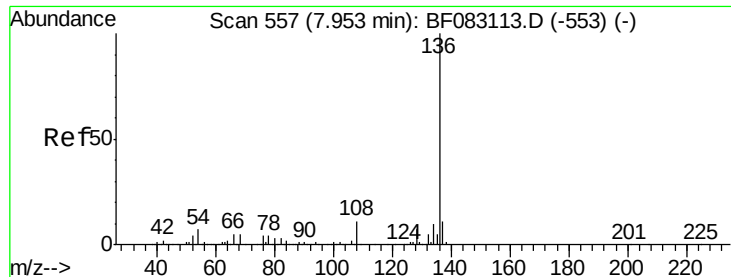
70 100

42 45.3 54.5 81.7#

101 0.0 6.6 9.8#

130 1.9 11.5 17.3#

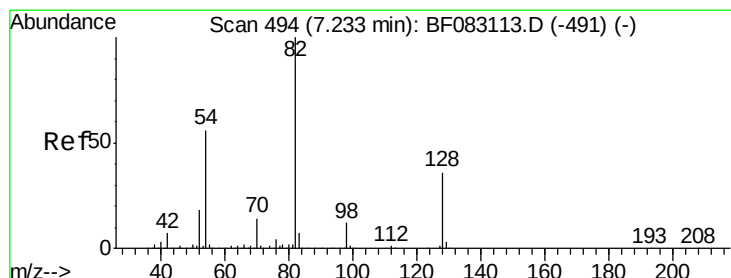
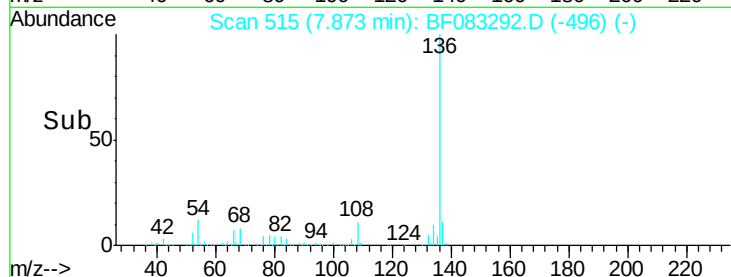
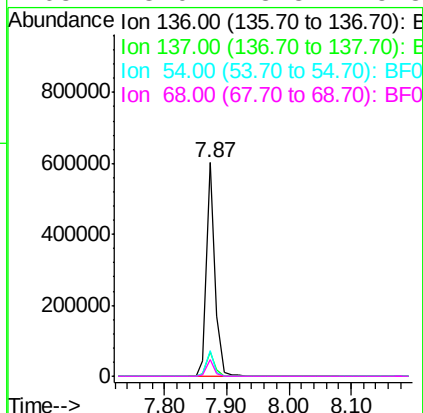
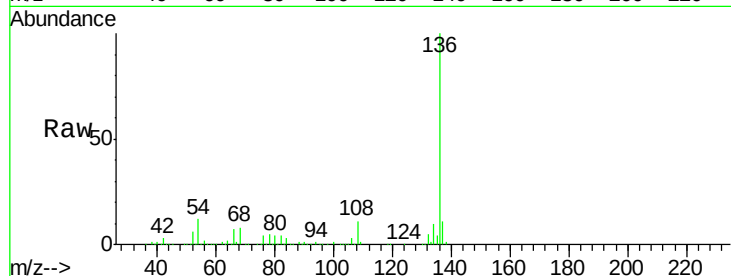




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 515
Delta R.T. -0.08 min
Lab File: BF083292.D
Acq: 26 Nov 2015 00:16

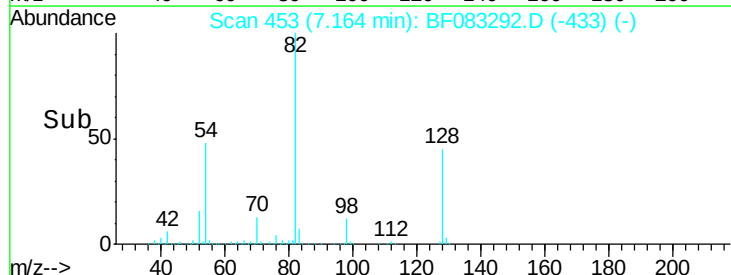
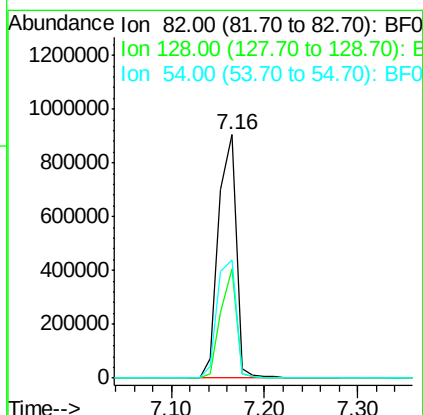
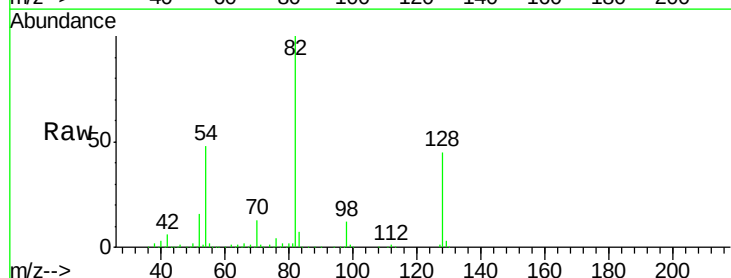
Instrument :
BNA_F
ClientSampleId :
IM-CLAY-001

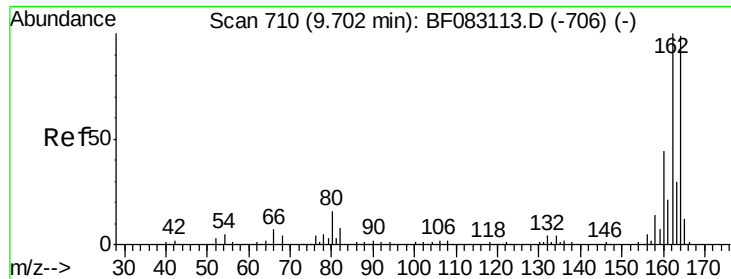
Tgt Ion:	136	Resp:	577022
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	11.7	5.8	8.6#
68	8.0	3.8	5.8#



#23
Nitrobenzene-d5
Concen: 95.02 ng
RT: 7.16 min Scan# 453
Delta R.T. -0.07 min
Lab File: BF083292.D
Acq: 26 Nov 2015 00:16

Tgt Ion:	82	Resp:	1199902
Ion	Ratio	Lower	Upper
82	100		
128	44.8	28.5	42.7#
54	48.4	44.6	67.0

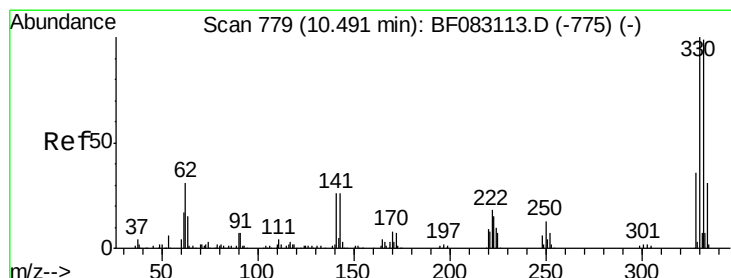
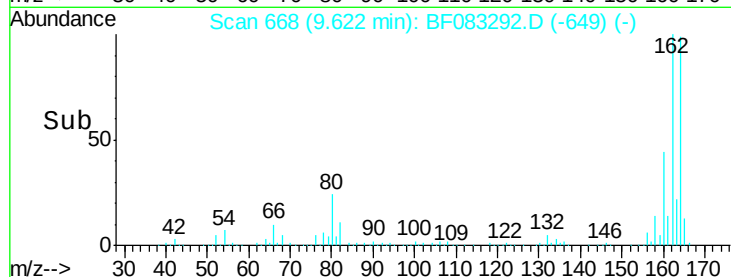
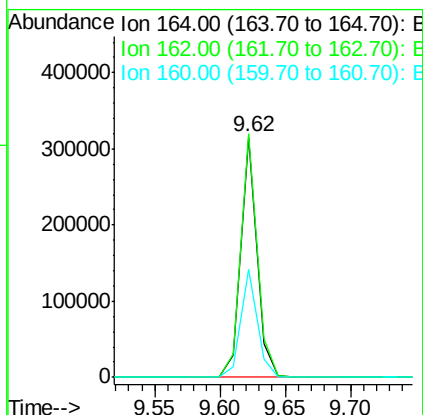
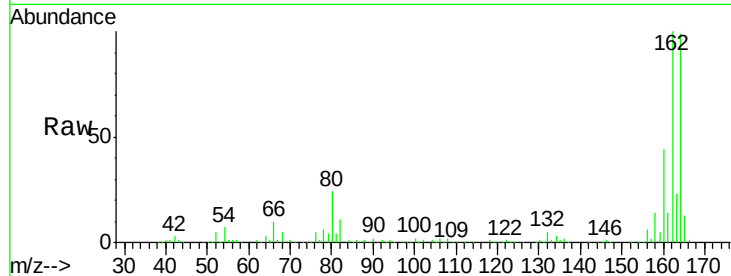




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 668
Delta R.T. -0.08 min
Lab File: BF083292.D
Acq: 26 Nov 2015 00:16

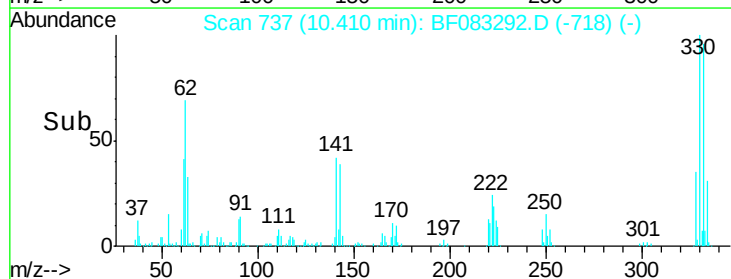
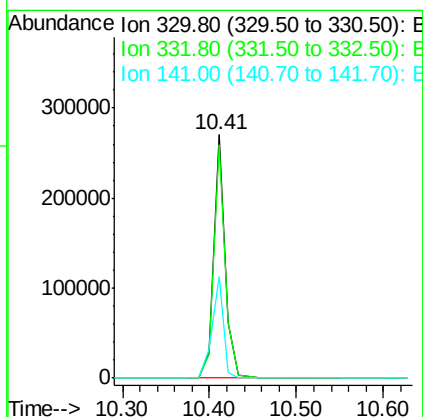
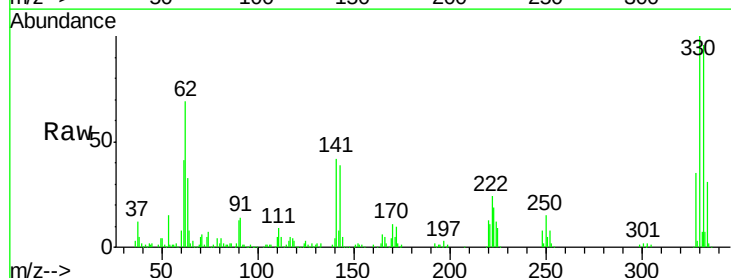
Instrument :
BNA_F
ClientSampleId :
IM-CLAY-001

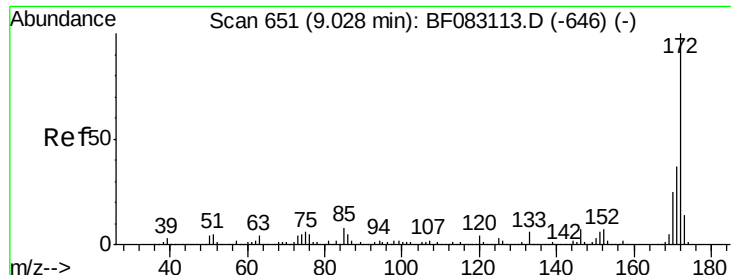
Tgt Ion:164 Resp: 268526
Ion Ratio Lower Upper
164 100
162 101.4 81.2 121.8
160 45.0 35.6 53.4



#41
2,4,6-Tribromophenol
Concen: 91.99 ng
RT: 10.41 min Scan# 737
Delta R.T. -0.08 min
Lab File: BF083292.D
Acq: 26 Nov 2015 00:16

Tgt Ion:330 Resp: 252702
Ion Ratio Lower Upper
330 100
332 96.0 77.7 116.5
141 42.2 29.7 44.5

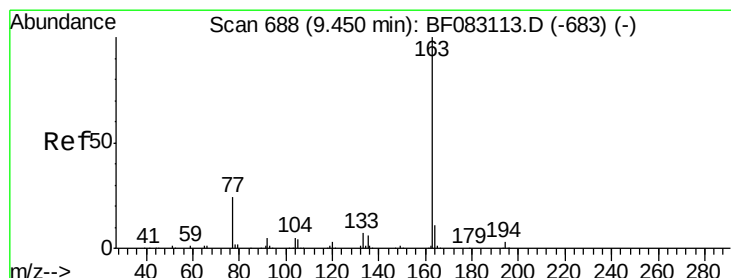
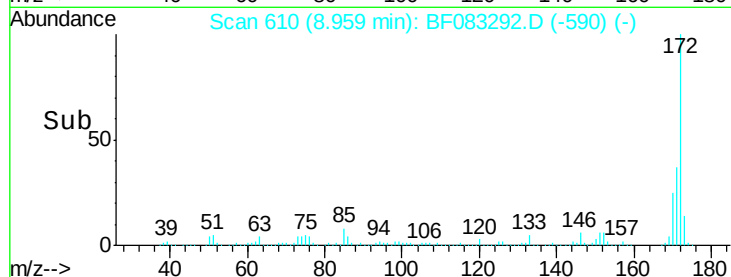
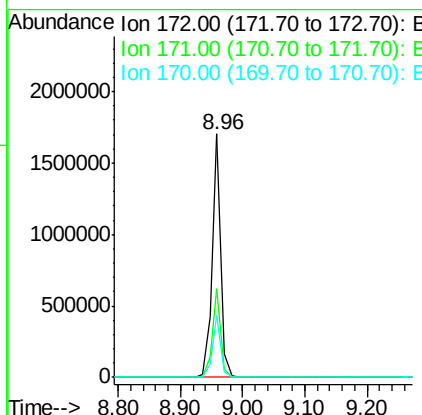
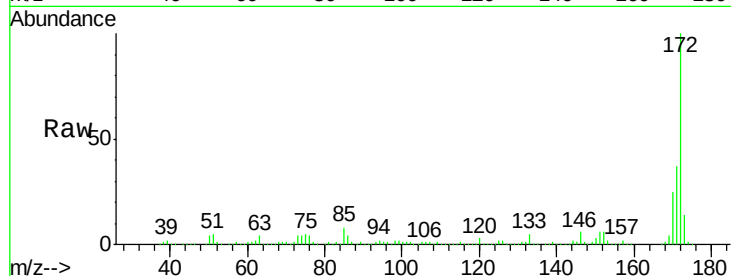




#44
 2-Fluorobiphenyl
 Concen: 83.42 ng
 RT: 8.96 min Scan# 610
 Delta R.T. -0.07 min
 Lab File: BF083292.D
 Acq: 26 Nov 2015 00:16

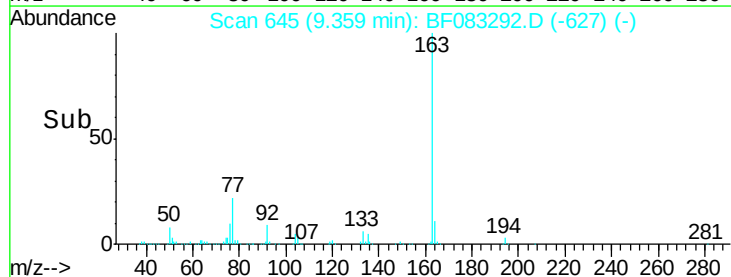
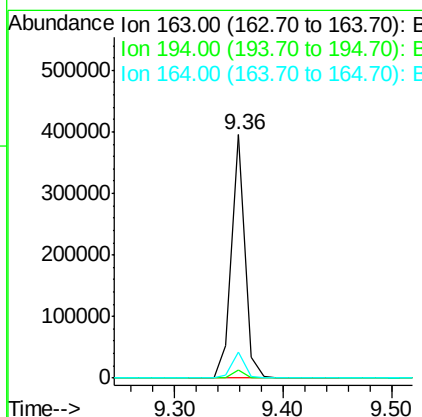
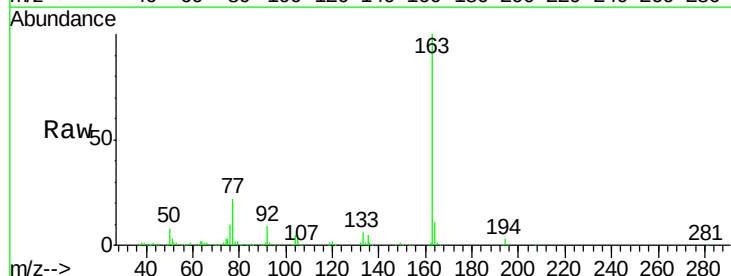
Instrument :
 BNA_F
 ClientSampleId :
 IM-CLAY-001

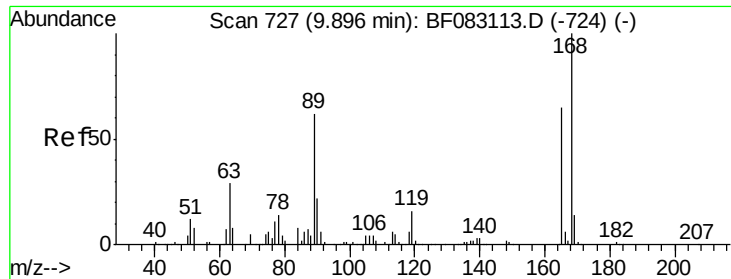
Tgt Ion:172 Resp: 1606453
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.5 44.3
 170 25.3 19.9 29.9



#49
 Dimethylphthalate
 Concen: 16.19 ng
 RT: 9.36 min Scan# 645
 Delta R.T. -0.09 min
 Lab File: BF083292.D
 Acq: 26 Nov 2015 00:16

Tgt Ion:163 Resp: 334753
 Ion Ratio Lower Upper
 163 100
 194 3.4 2.6 4.0
 164 10.7 8.6 12.8

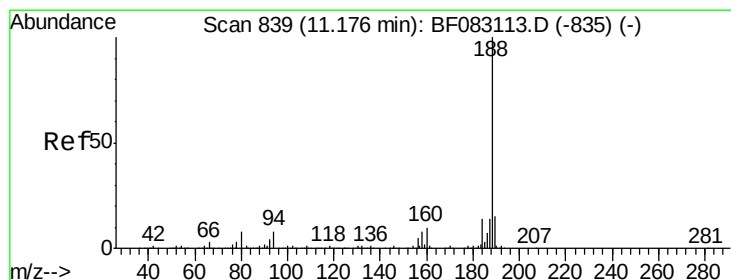
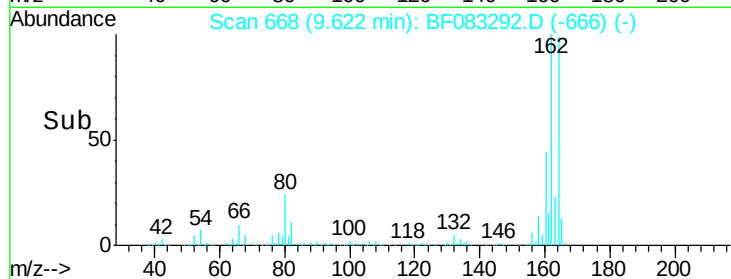
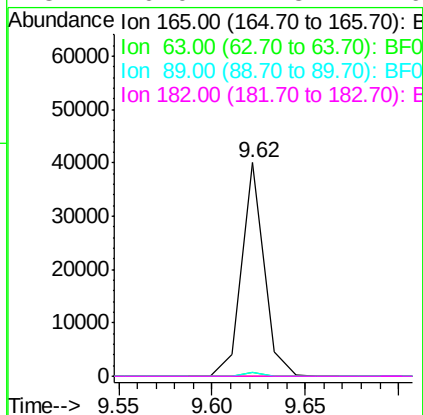
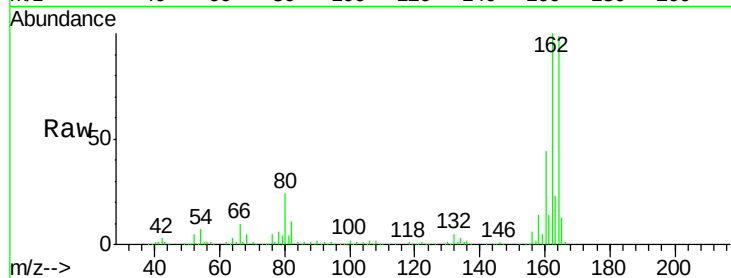




#56
 2,4-Dinitrotoluene
 Concen: 5.71 ng
 RT: 9.62 min Scan# 668
 Delta R.T. -0.27 min
 Lab File: BF083292.D
 Acq: 26 Nov 2015 00:16

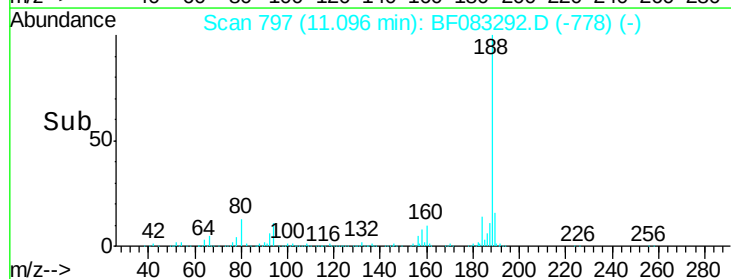
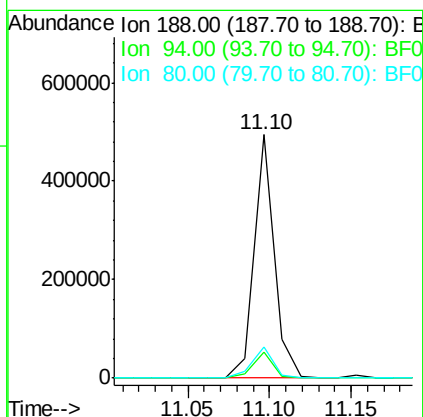
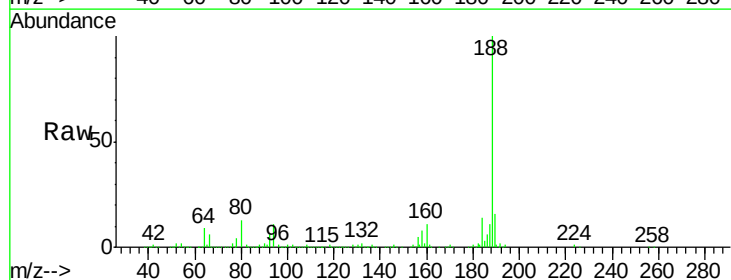
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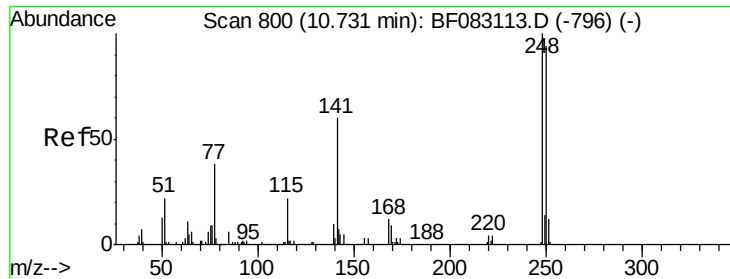
Tgt Ion:	165	Resp:	33555
Ion Ratio	Lower	Upper	
165	100		
63	1.6	54.5	81.7#
89	1.6	77.3	115.9#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.10 min Scan# 797
 Delta R.T. -0.08 min
 Lab File: BF083292.D
 Acq: 26 Nov 2015 00:16

Tgt Ion:	188	Resp:	425049
Ion Ratio	Lower	Upper	
188	100		
94	10.8	6.0	9.0#
80	12.6	6.7	10.1#





#66

4-Bromophenyl-phenylether

Concen: 3.84 ng

RT: 10.41 min Scan# 737

Delta R.T. -0.32 min

Lab File: BF083292.D

Acq: 26 Nov 2015 00:16

Instrument :

BNA_F

ClientSampleId :

IM-CLAY-001

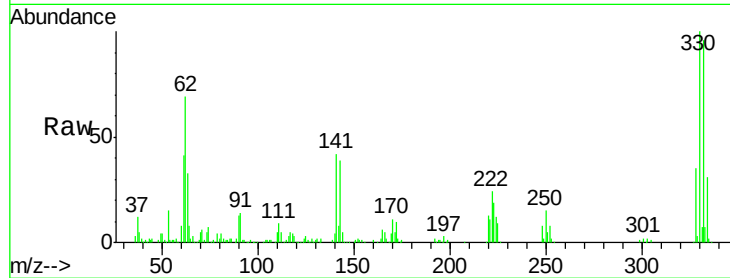
Tgt Ion:248 Resp: 18135

Ion Ratio Lower Upper

248 100

250 197.4 75.4 113.2#

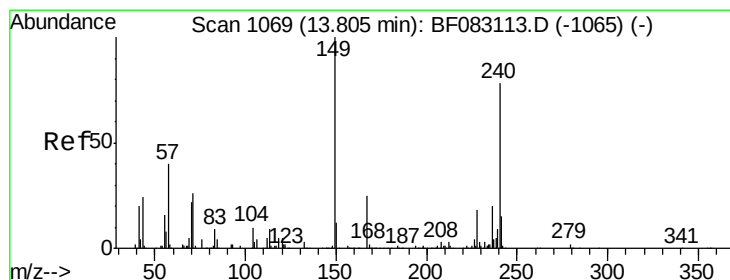
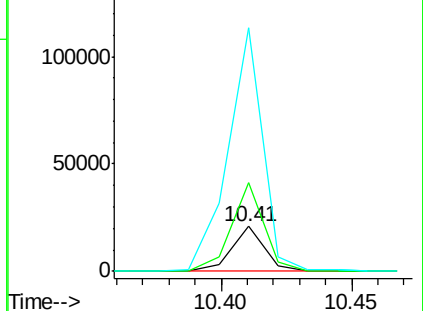
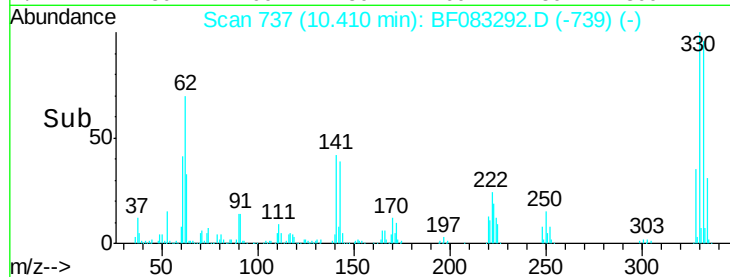
141 544.1 48.1 72.1#



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: 13.73 min Scan# 1027

Delta R.T. -0.08 min

Lab File: BF083292.D

Acq: 26 Nov 2015 00:16

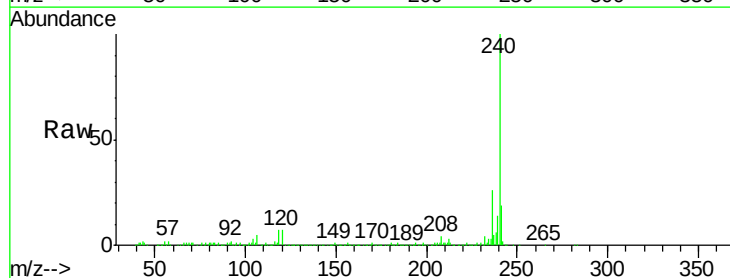
Tgt Ion:240 Resp: 395517

Ion Ratio Lower Upper

240 100

120 7.0 5.4 8.2

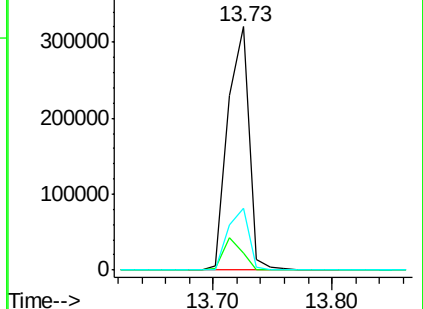
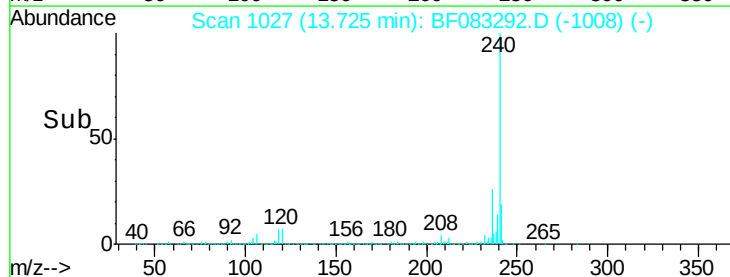
236 25.6 20.6 31.0

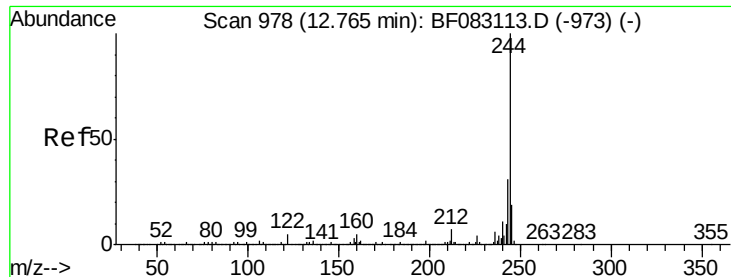


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

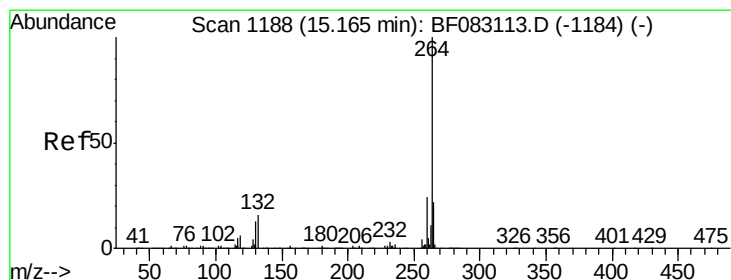
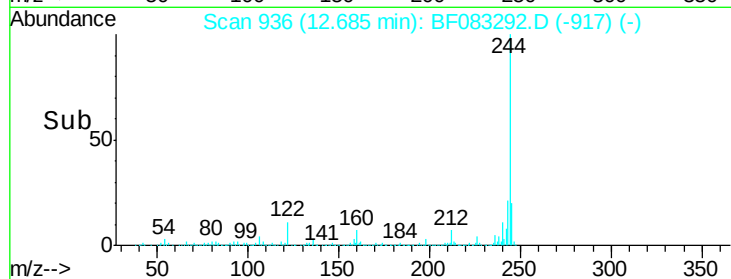
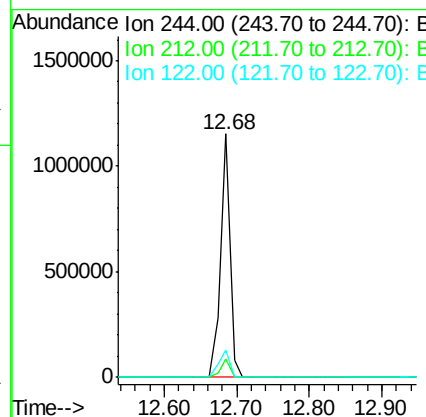
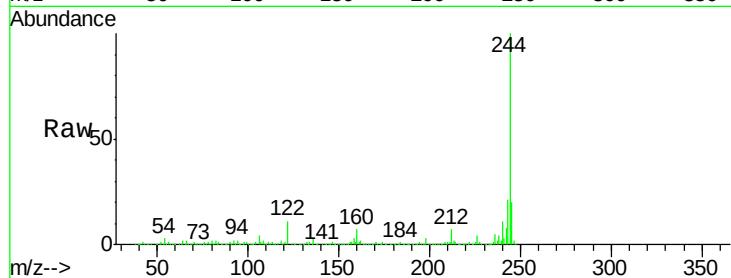




#78
 Terphenyl-d14
 Concen: 62.26 ng
 RT: 12.68 min Scan# 936
 Delta R.T. -0.08 min
 Lab File: BF083292.D
 Acq: 26 Nov 2015 00:16

Instrument :
 BNA_F
 ClientSampleId :
 IM-CLAY-001

Tgt Ion:244 Resp: 1045708
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.4 8.2
 122 11.4 4.3 6.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1145
 Delta R.T. -0.09 min
 Lab File: BF083292.D
 Acq: 26 Nov 2015 00:16

Tgt Ion:264 Resp: 365354
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.1 28.7
 265 21.3 18.2 27.4

