

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
 Data File : BF082855.D
 Acq On : 10 Nov 2015 5:42
 Operator : UM/IZ
 Sample : G4155-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GP3-16-16.5

Manual Integrations
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 11/10/2015 1:02:44 PM

Quant Time: Nov 10 06:56:35 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	245468	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	699854	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	274497	20.00	ng	0.01
63) Phenanthrene-d10	11.39	188	520561	20.00	ng	0.01
75) Chrysene-d12	14.00	240	596968	20.00	ng	-0.02
86) Perylene-d12	15.41	264	492448	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	2235124	141.68	ng	0.00
7) Phenol-d6	6.48	99	2967593	141.49	ng	0.00
23) Nitrobenzene-d5	7.40	82	1925723	119.73	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	436923	138.82	ng	0.01
44) 2-Fluorobiphenyl	9.22	172	1882444	98.29	ng	0.00
78) Terphenyl-d14	12.96	244	1833861	72.86	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.61	163	501400	22.29	ng	Qvalue # 91
74) Fluoranthene	12.59	202	68058m	2.10	ng	
77) Pyrene	12.81	202	309334m	7.55	ng	

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

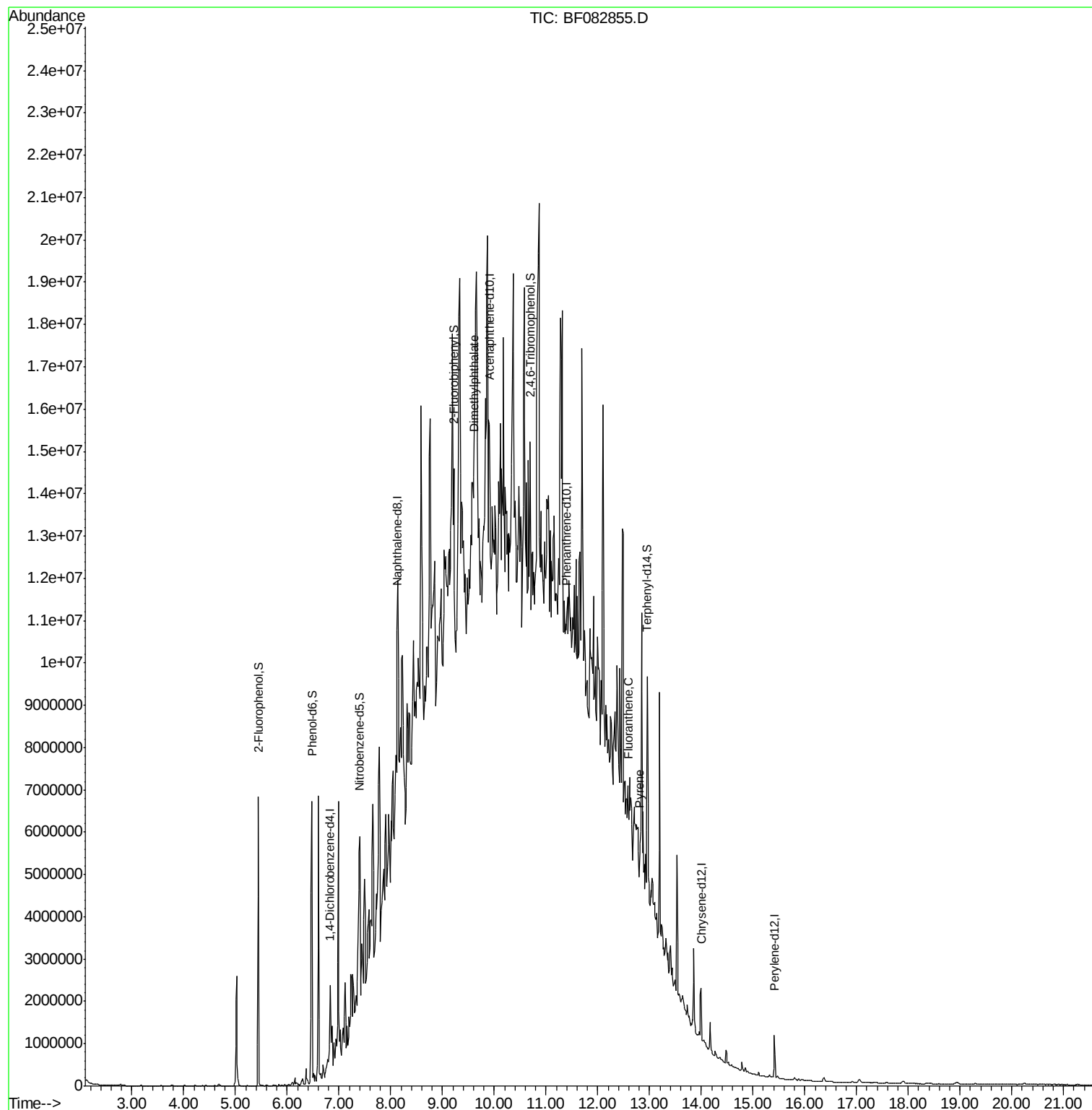
Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082855.D
Acq On : 10 Nov 2015 5:42
Operator : UM/IZ
Sample : G4155-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

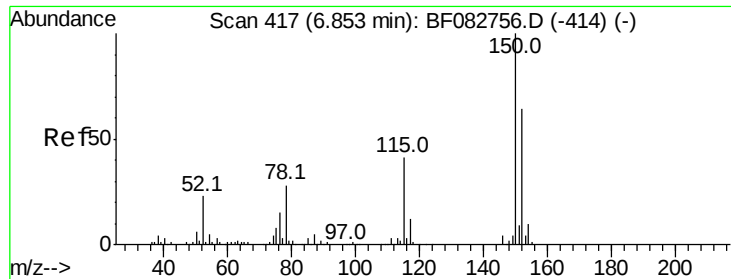
Instrument :
BNA_F
ClientSampleId :
GP3-16-16.5

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#1

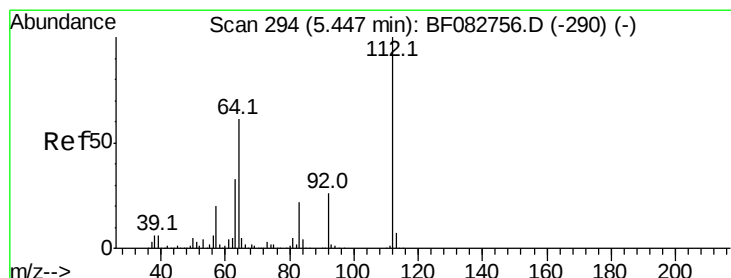
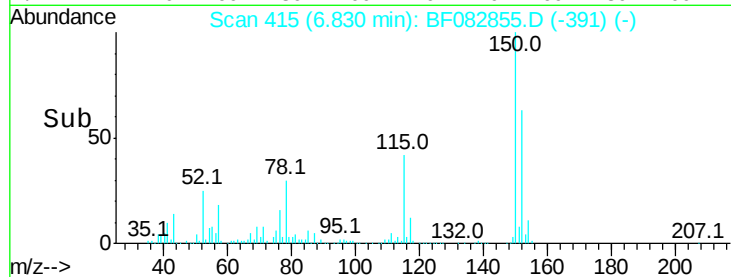
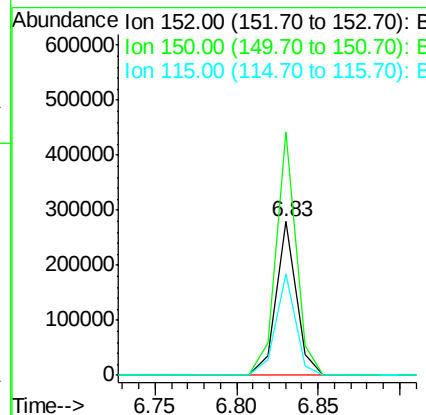
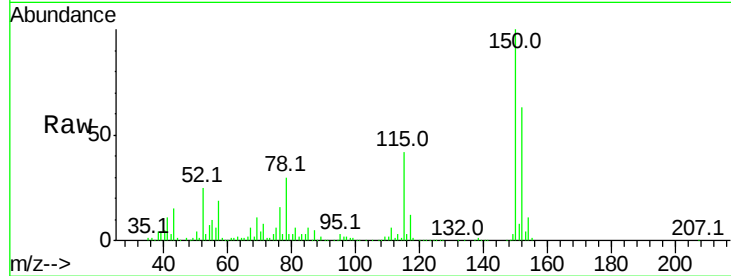
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.02 min
Lab File: BF082855.D
Acq: 10 Nov 2015 5:42

Instrument :
BNA_F
ClientSampleId :
GP3-16-16.5

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	127.0	190.4
115	66.4	47.0	70.6

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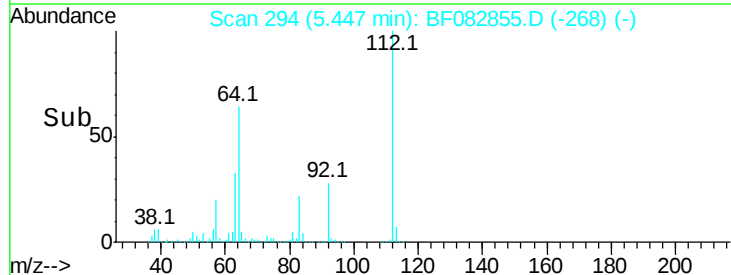
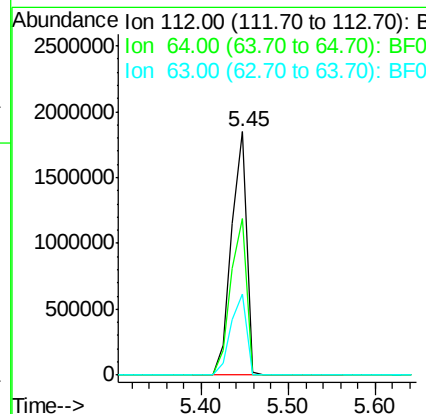
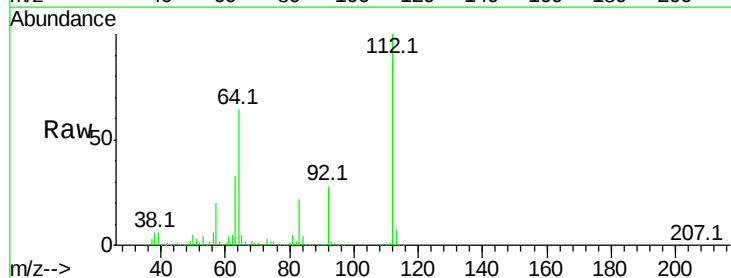
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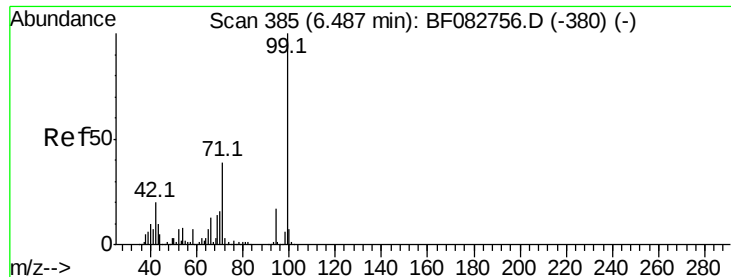


#5

2-Fluorophenol
Concen: 141.68 ng
RT: 5.45 min Scan# 294
Delta R.T. 0.00 min
Lab File: BF082855.D
Acq: 10 Nov 2015 5:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.4	48.9	73.3
63	33.5	28.1	42.1





#7

Phenol-d6

Concen: 141.49 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF082855.D

Acq: 10 Nov 2015 5:42

Instrument :

BNA_F

ClientSampleId :

GP3-16-16.5

Tot Ion: 99 Resp: 2967593

Ion Ratio Lower Upper

99 100

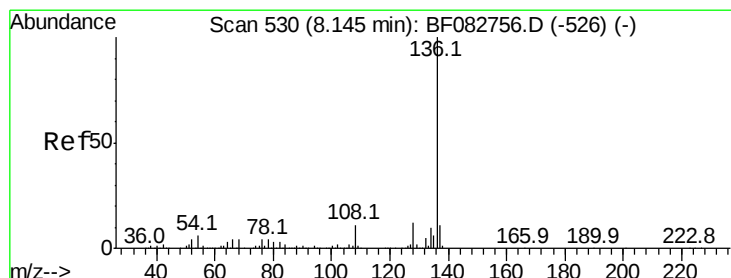
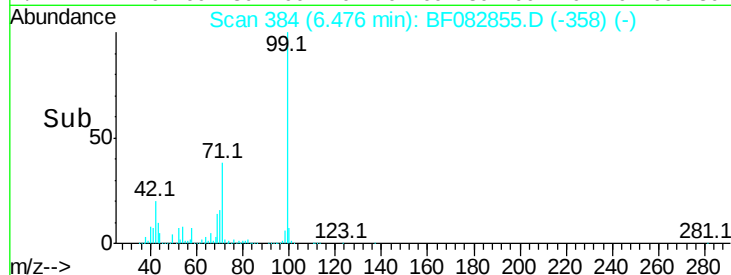
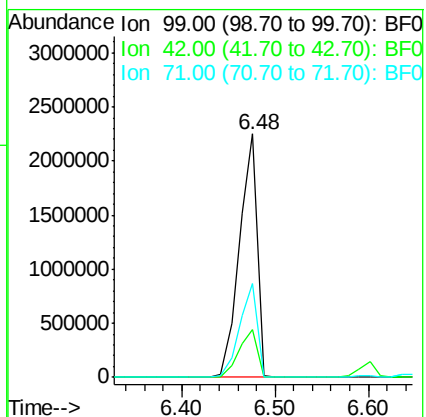
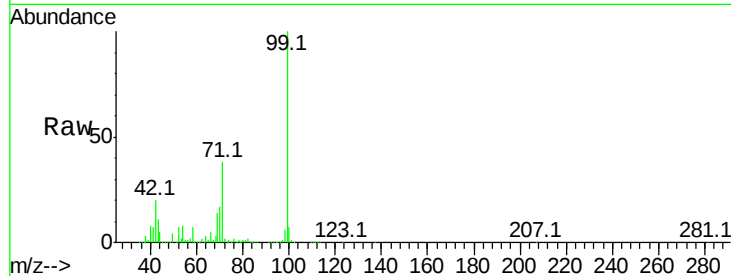
42 19.8 19.2 28.8

71 38.3 35.0 52.4

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.02 min

Lab File: BF082855.D

Acq: 10 Nov 2015 5:42

Tgt Ion: 136 Resp: 699854

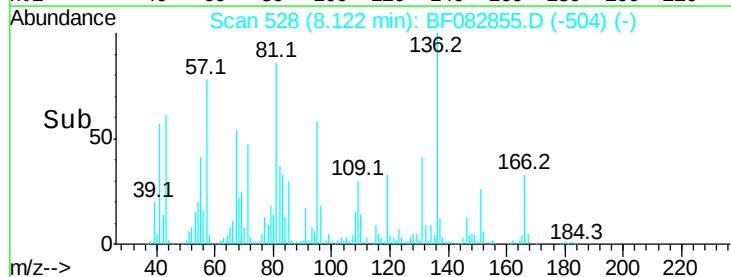
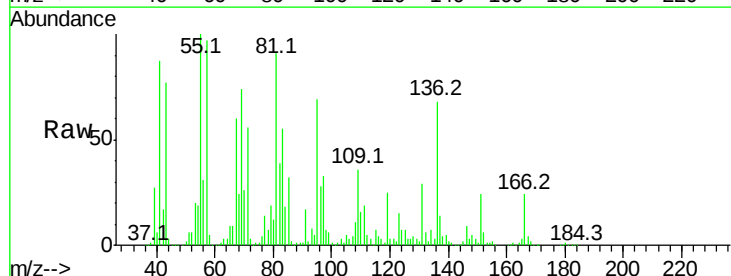
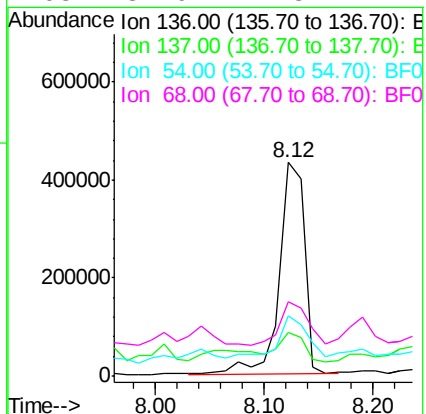
Ion Ratio Lower Upper

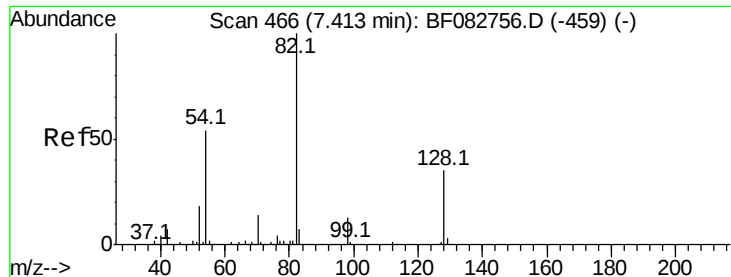
136 100

137 20.3 9.1 13.7#

54 28.0 9.1 13.7#

68 34.9 4.8 7.2#





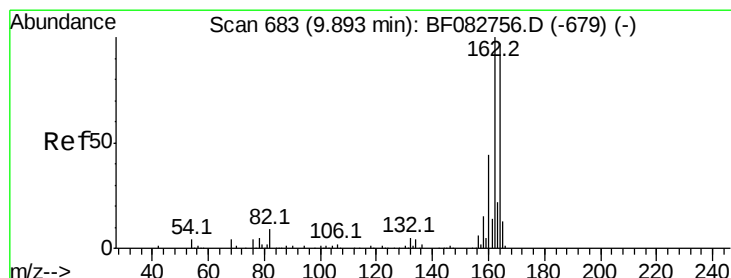
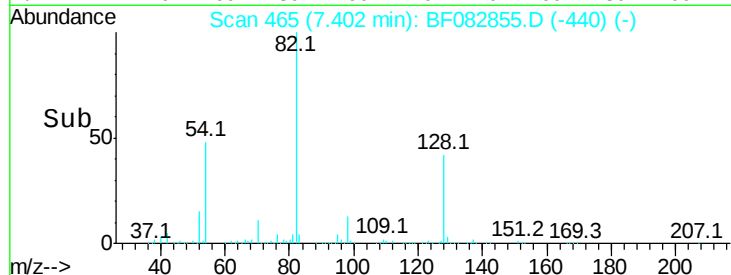
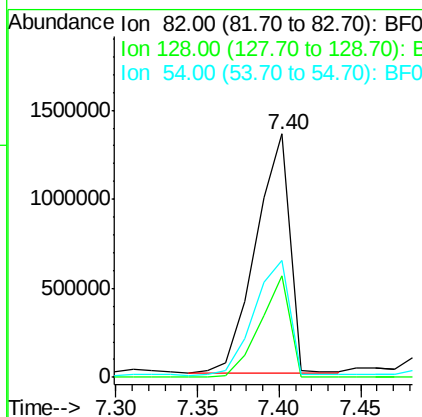
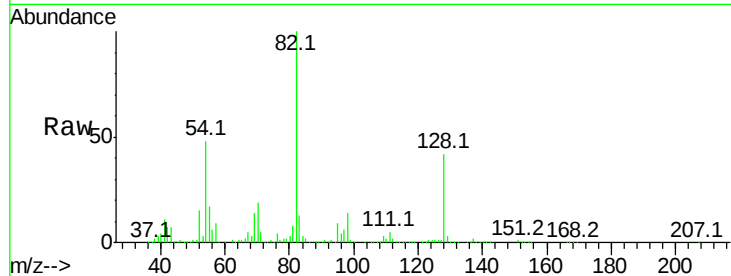
#23
Nitrobenzene-d5
Concen: 119.73 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.01 min
Lab File: BF082855.D
Acq: 10 Nov 2015 5:42

Instrument :
BNA_F
ClientSampleId :
GP3-16-16.5

Tot Ion: 82 Resp: 1925723
Ion Ratio Lower Upper
82 100
128 41.6 26.8 40.2#
54 47.8 45.7 68.5

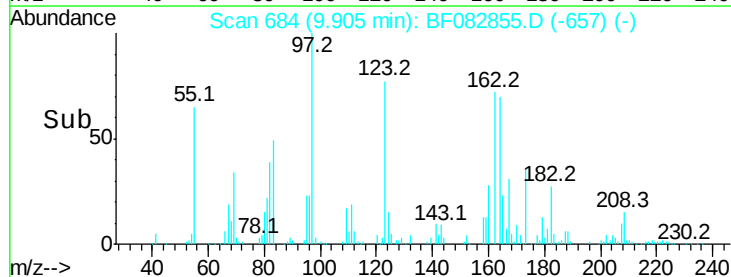
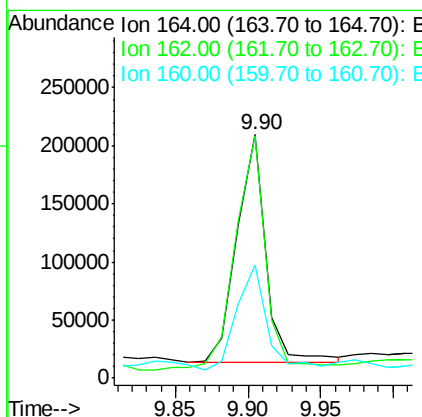
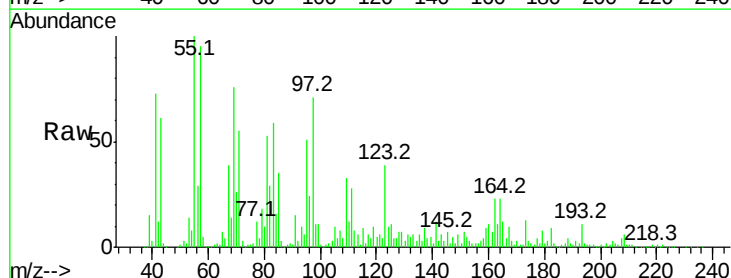
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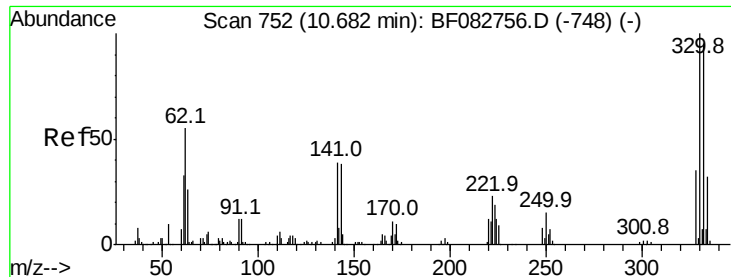
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.01 min
Lab File: BF082855.D
Acq: 10 Nov 2015 5:42

Tgt Ion:164 Resp: 274497
Ion Ratio Lower Upper
164 100
162 99.6 84.9 127.3
160 46.6 37.5 56.3





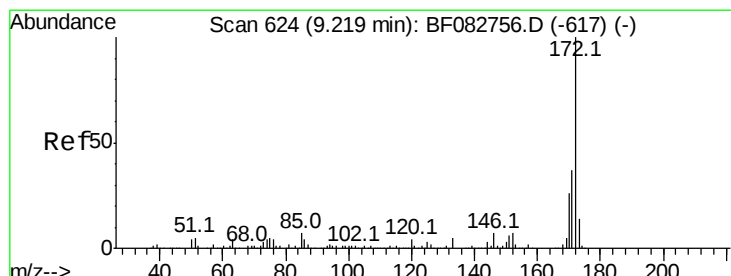
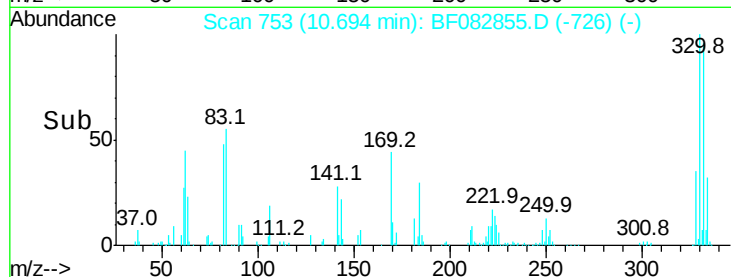
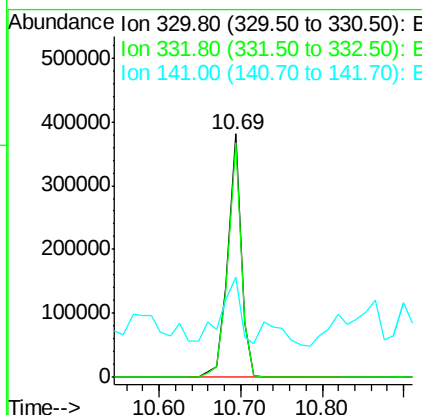
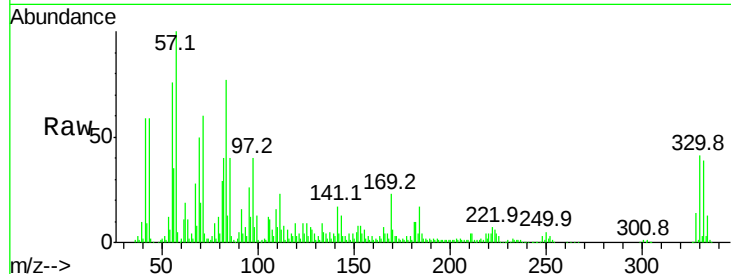
#41
 2,4,6-Tribromophenol
 Concen: 138.82 ng
 RT: 10.69 min Scan# 753
 Delta R.T. 0.01 min
 Lab File: BF082855.D
 Acq: 10 Nov 2015 5:42

Instrument :
 BNA_F
 ClientSampleId :
 GP3-16-16.5

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.3	76.6	114.8	
141	37.8	41.2	61.8	

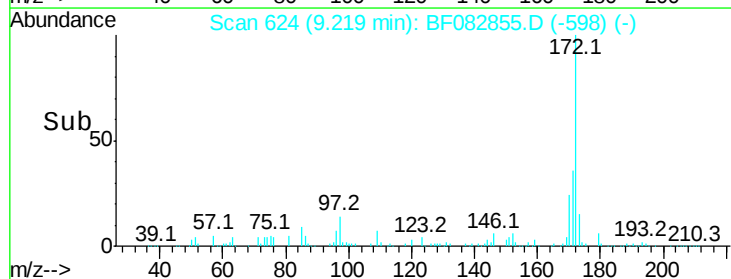
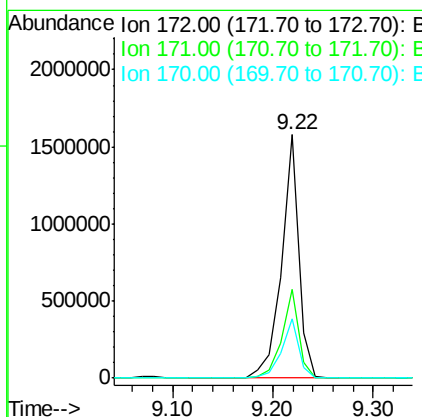
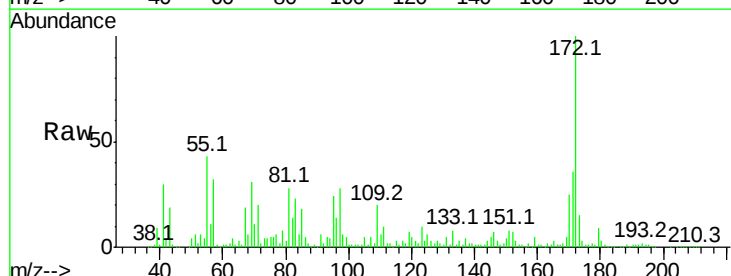
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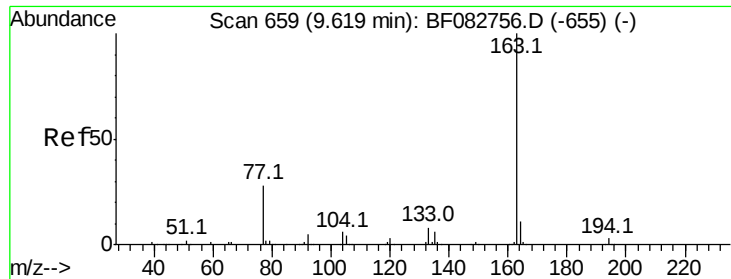
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#44
 2-Fluorobiphenyl
 Concen: 98.29 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF082855.D
 Acq: 10 Nov 2015 5:42

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.5	30.8	46.2	
170	24.5	21.2	31.8	





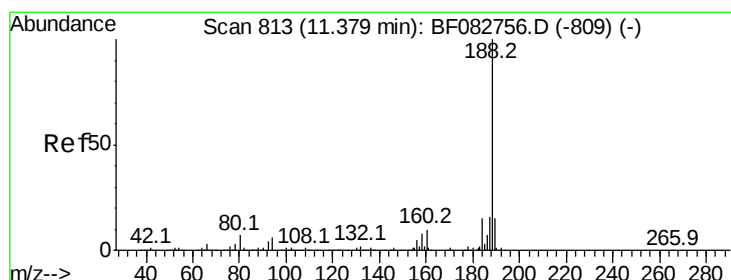
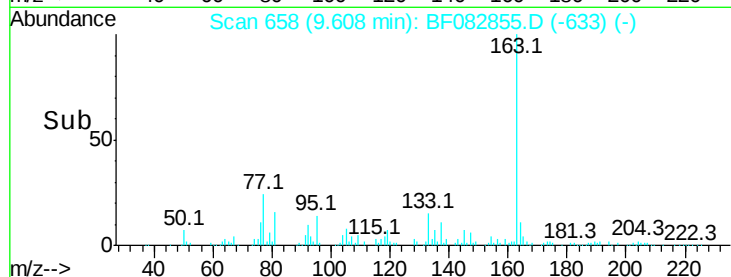
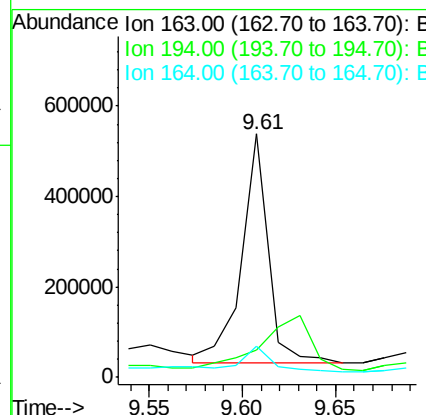
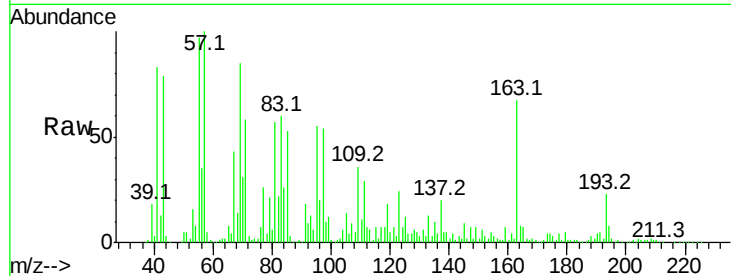
#49
Dimethylphthalate
Concen: 22.29 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF082855.D
Acq: 10 Nov 2015 5:42

Instrument :
BNA_F
ClientSampleId :
GP3-16-16.5

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	11.2	2.6	4.0#	
164	12.6	8.7	13.1	

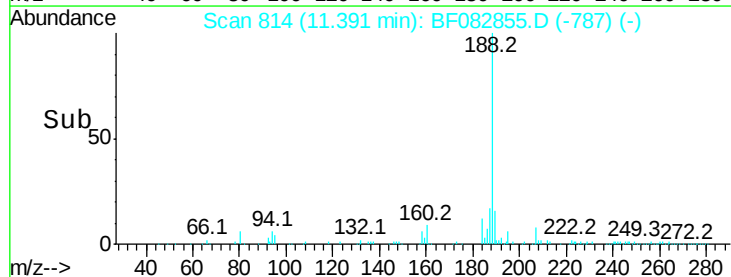
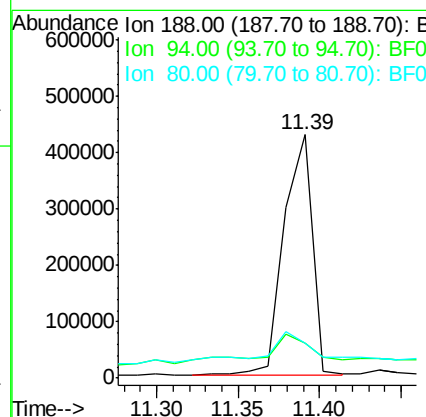
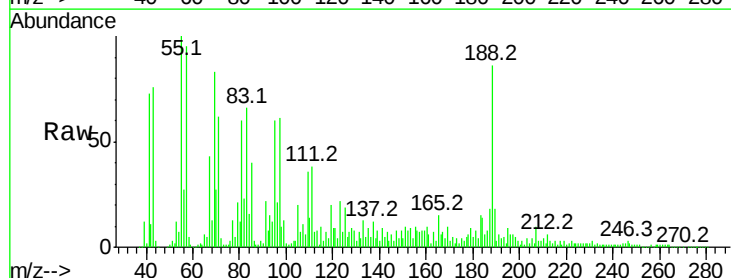
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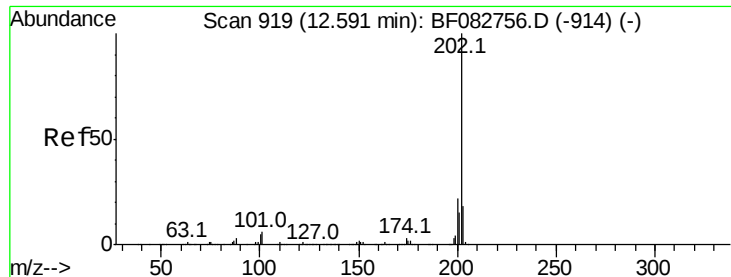
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF082855.D
Acq: 10 Nov 2015 5:42

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	14.5	6.1	9.1#	
80	14.3	7.0	10.6#	





#74

Fluoranthene

Concen: 2.10 ng/mL

RT: 12.59 min Scan# 919

Delta R.T. 0.00 min

Lab File: BF082855.D

Acq: 10 Nov 2015 5:42

Instrument :

BNA_F

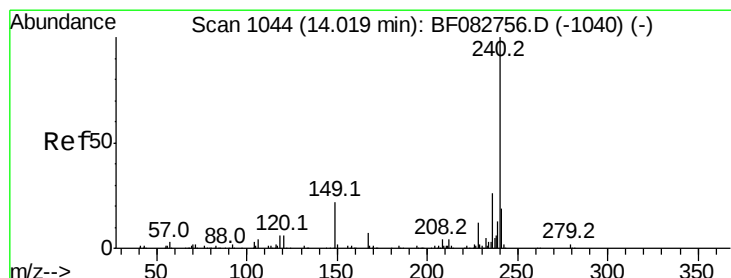
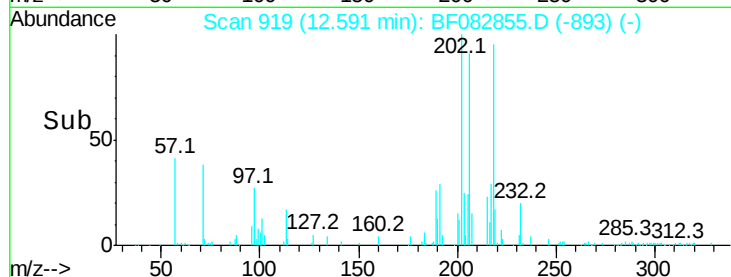
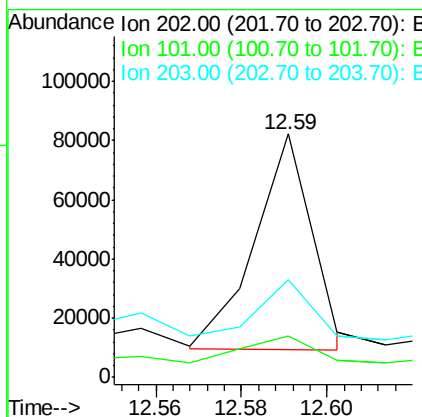
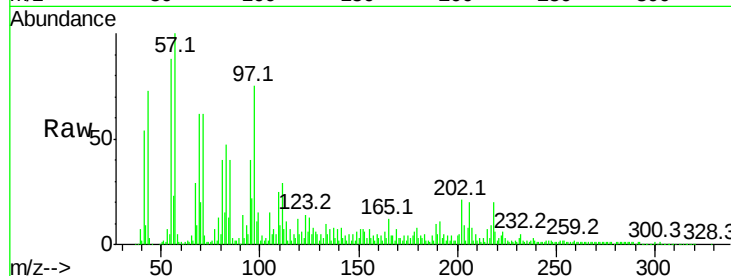
ClientSampleID :

GP3-16-16.5

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	16.8	0.0	30.5
203	40.0	0.0	38.5

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#75

Chrysene-d12

Concen: 20.00 ng/mL

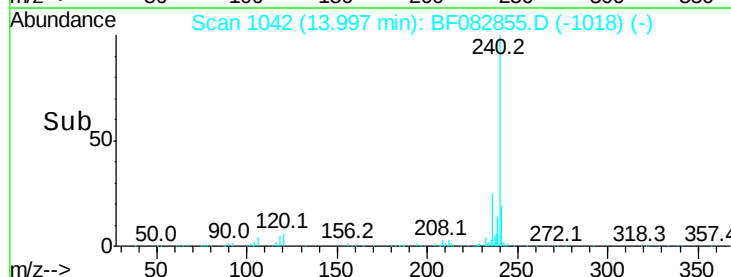
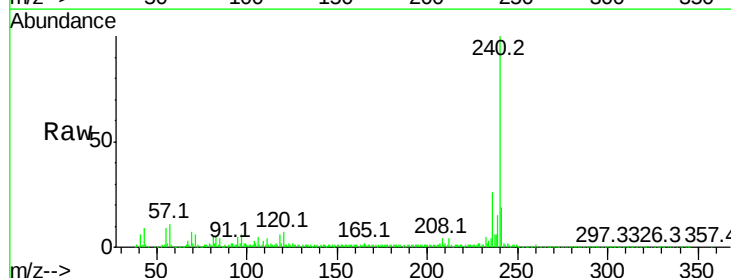
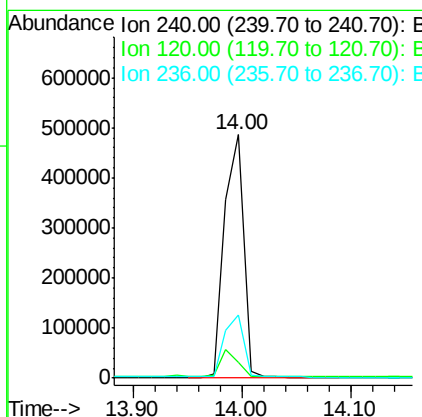
RT: 14.00 min Scan# 1042

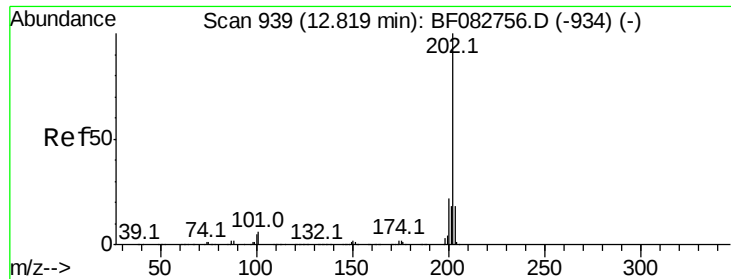
Delta R.T. -0.02 min

Lab File: BF082855.D

Acq: 10 Nov 2015 5:42

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	6.7	10.9	16.3
236	25.8	21.6	32.4





#77

Pvrene

Concen: 7.55 ng/mL

RT: 12.81 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF082855.D

Acq: 10 Nov 2015 5:42

Instrument :

BNA_F

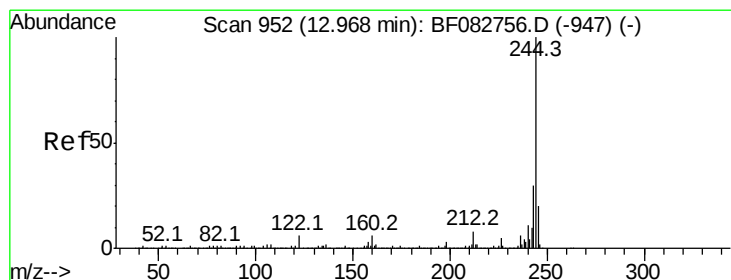
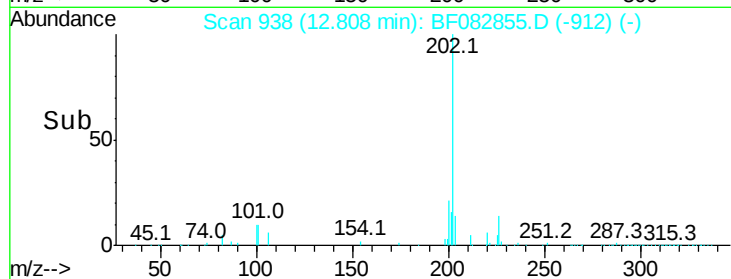
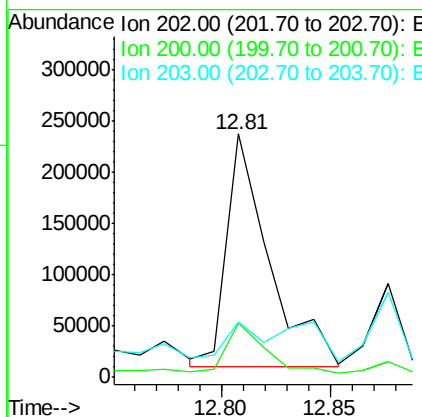
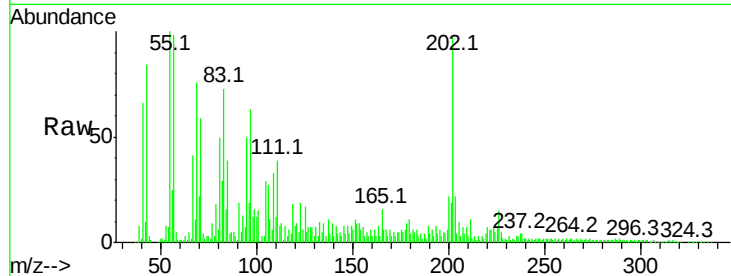
ClientSampleId :

GP3-16-16.5

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.5	18.7	28.1
203	22.9	14.8	22.2

Manual Integrations
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#78

Terphenyl-d14

Concen: 72.86 ng/mL

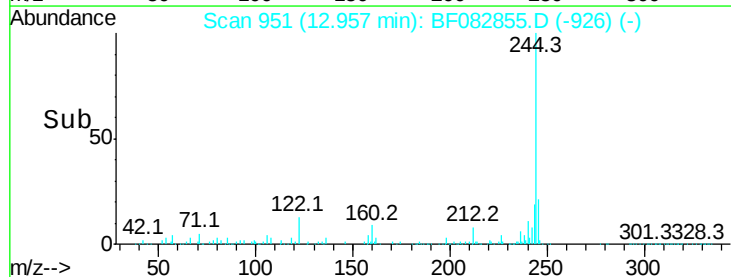
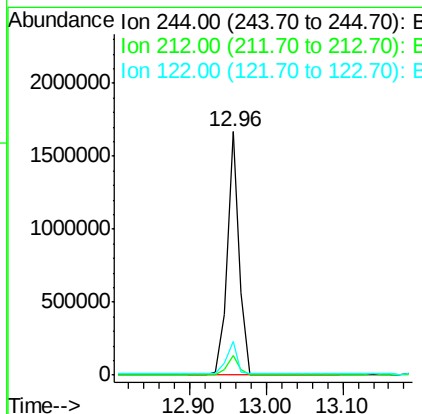
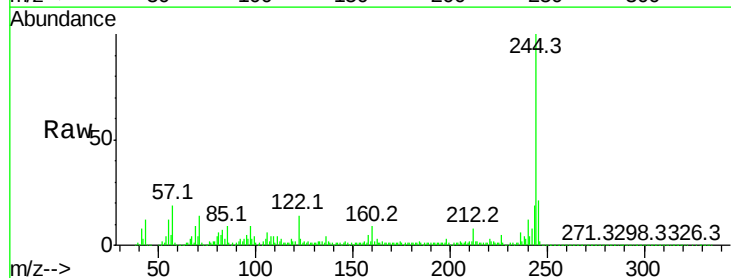
RT: 12.96 min Scan# 951

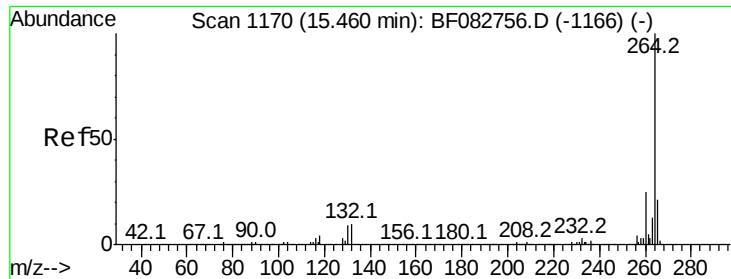
Delta R.T. -0.01 min

Lab File: BF082855.D

Acq: 10 Nov 2015 5:42

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	7.6	11.4
122	13.8	11.3	16.9





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1166
 Delta R.T. -0.05 min
 Lab File: BF082855.D
 Acq: 10 Nov 2015 5:42

Instrument :
 BNA_F
 ClientSampleId :
 GP3-16-16.5

Tot Ion:	264	Resp:	492448
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.8	29.6
265	21.4	17.4	26.0

Manual Integrations
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