

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100515\
 Data File : BF082063.D
 Acq On : 6 Oct 2015 00:30
 Operator : UM/IZ
 Sample : G3891-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-2(0-2)

Manual Integrations
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 10/6/2015 2:54:41 PM

Quant Time: Oct 06 02:02:40 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 05 17:58:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	108442	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	428036	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	186085	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	320856	20.00	ng	0.00
75) Chrysene-d12	14.06	240	239577	20.00	ng	0.00
86) Perylene-d12	15.51	264	182424	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	767127	128.42	ng	0.02
7) Phenol-d6	6.53	99	1012664	134.72	ng	0.01
23) Nitrobenzene-d5	7.45	82	542701	84.52	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	199200	105.70	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1085388	101.35	ng	0.01
78) Terphenyl-d14	13.01	244	821451	128.13	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.65	163	201607	15.70	ng	Qvalue # 97
74) Fluoranthene	12.63	202	47209	2.75	ng	89
77) Pyrene	12.86	202	39119	2.73	ng	96
87) Benzo(b)fluoranthene	15.09	252	24956m	2.40	ng	

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

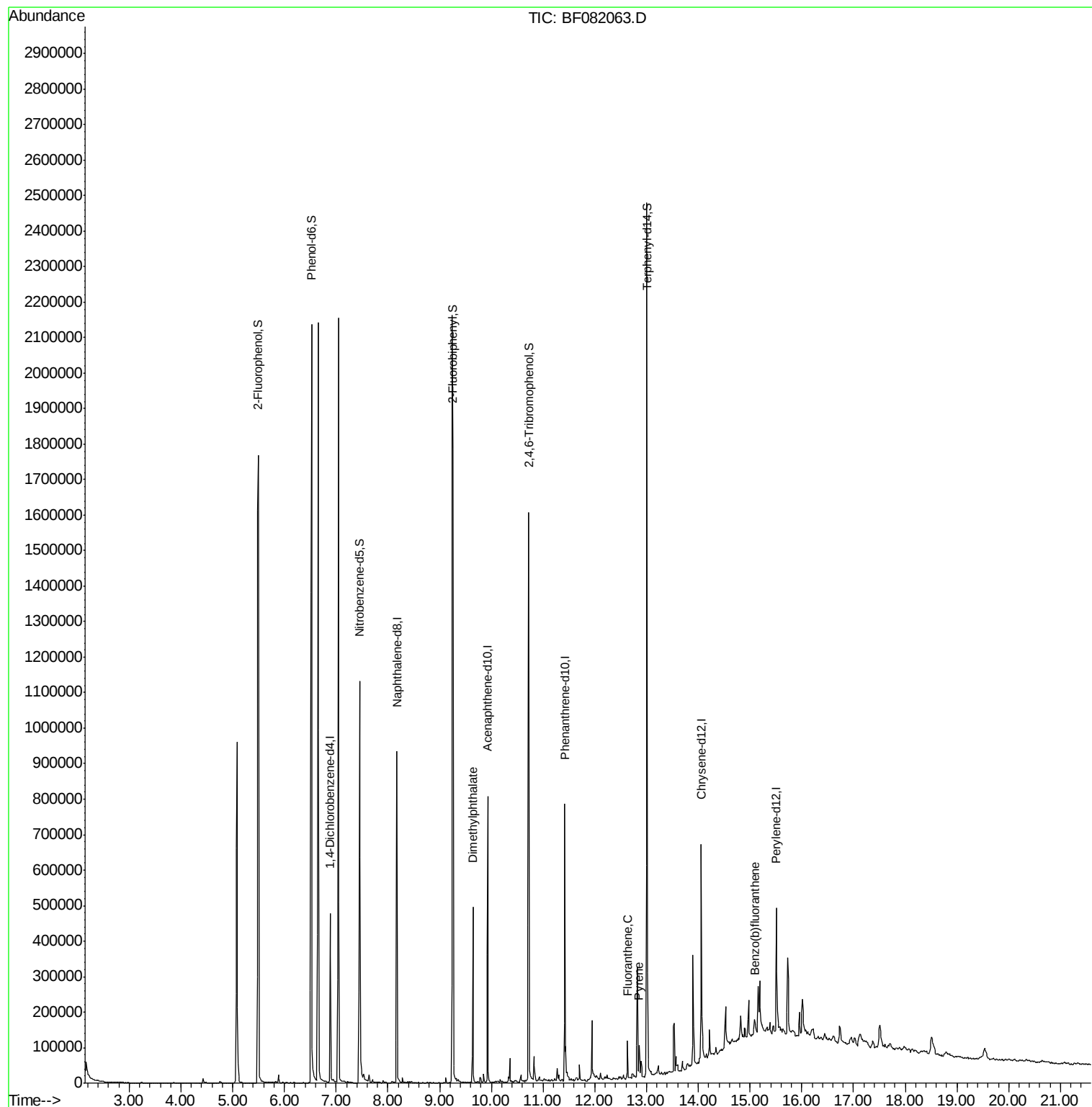
Data Path : Z:\HPCHEM1\BNA F\DATA\BF100515\
Data File : BF082063.D
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Operator : UM/IZ
Sample : G3891-08
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ALS Vial : 20 Sample Multiplier: 1

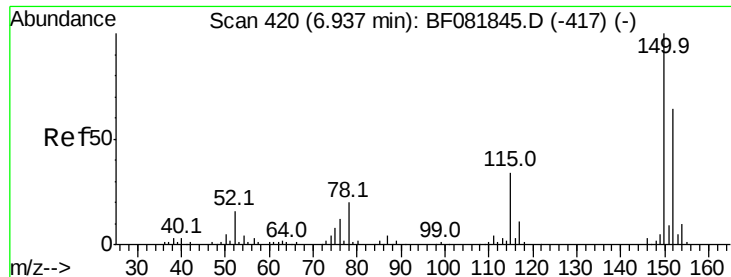
Instrument :
BNA_F
ClientSampleId :
SS-2(0-2)

Manual Integrations
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Quant Time: Oct 06 02:02:40 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 05 17:58:12 2015
Response via : Initial Calibration





#1

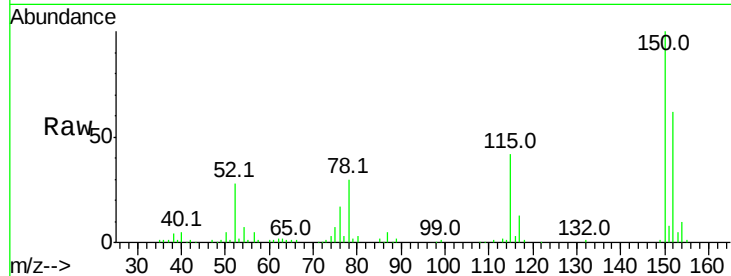
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 415
Delta R.T. -0.00 min
Lab File: BF082063.D
Acq: 6 Oct 2015 00:30

Instrument :
BNA_F
ClientSampleId :
SS-2(0-2)

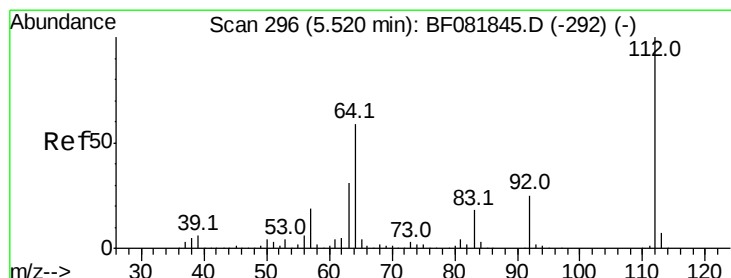
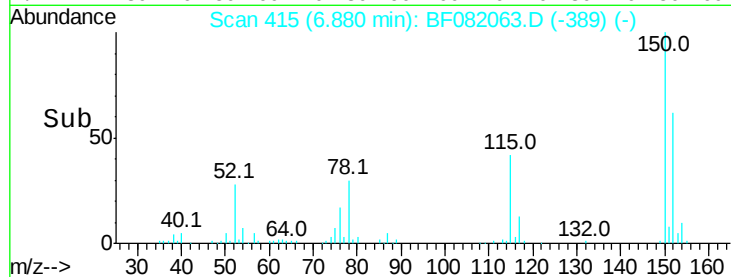
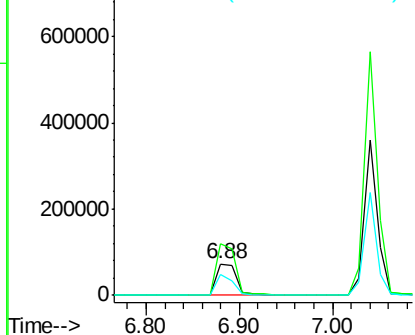
Tot Ion	Ratio	Lower	Upper
152	100		
150	162.1	124.7	187.1
115	67.6	39.0	58.4

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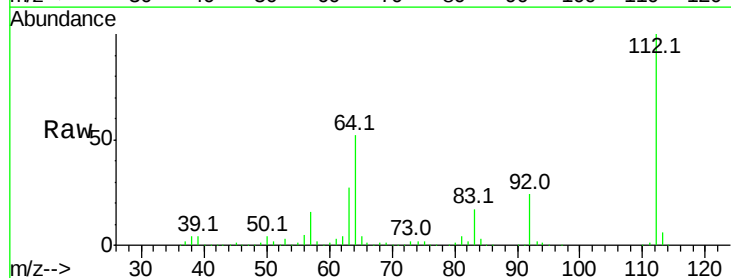
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



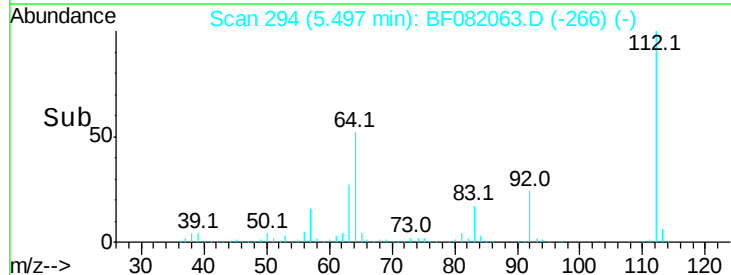
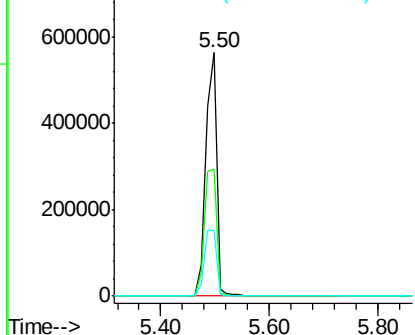
#5

2-Fluorophenol
Concen: 128.42 ng
RT: 5.50 min Scan# 294
Delta R.T. 0.02 min
Lab File: BF082063.D
Acq: 6 Oct 2015 00:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.0	39.7	59.5
63	26.7	17.4	26.0



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: 134.72 ng

RT: 6.53 min Scan# 384

Delta R.T. 0.01 min

Lab File: BF082063.D

Acq: 6 Oct 2015 00:30

Instrument :

BNA_F

ClientSampleId :

SS-2(0-2)

Tot Ion: 99 Resp: 1012664

Ion Ratio Lower Upper

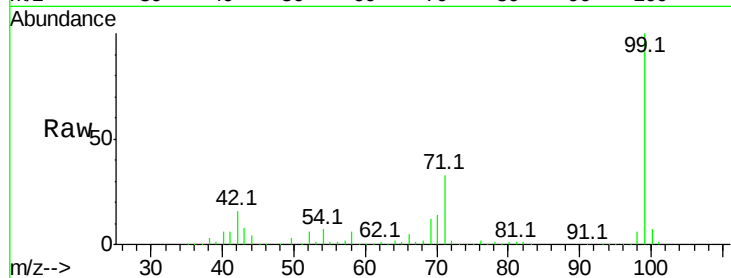
99 100

42 16.1 13.7 20.5

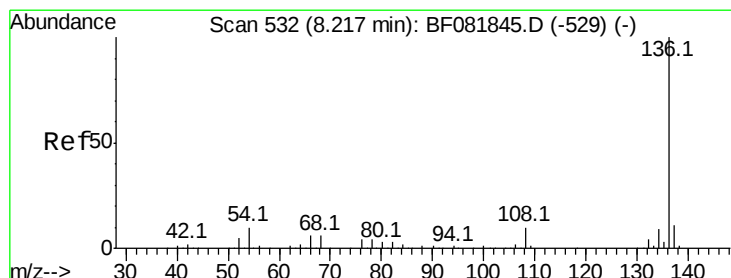
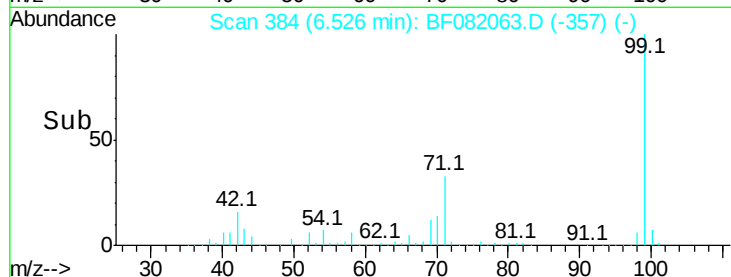
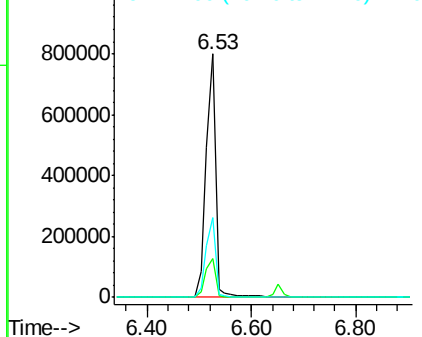
71 32.8 14.2 21.2#

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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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 528

Delta R.T. -0.00 min

Lab File: BF082063.D

Acq: 6 Oct 2015 00:30

Tgt Ion: 136 Resp: 428036

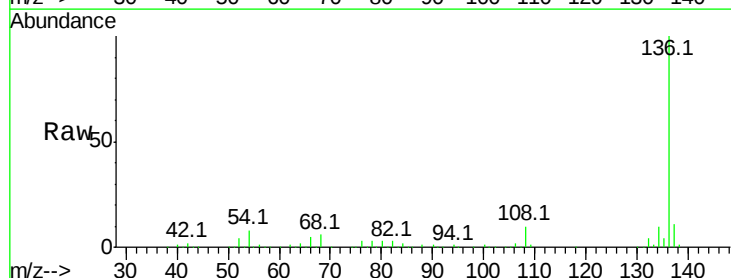
Ion Ratio Lower Upper

136 100

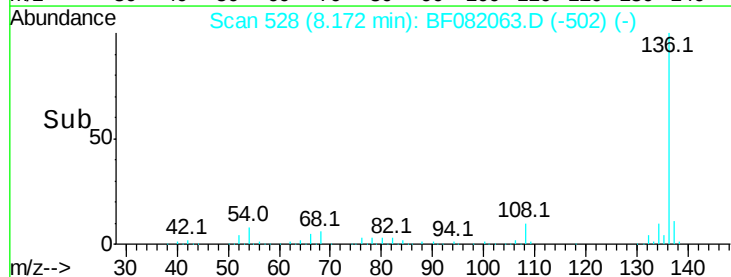
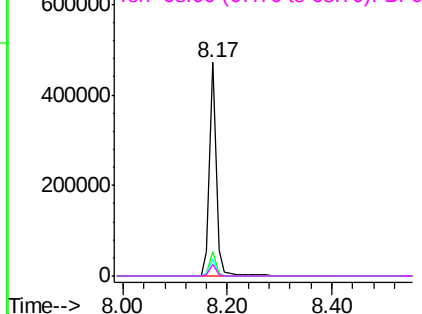
137 11.1 9.0 13.6

54 8.0 8.2 12.2#

68 5.5 5.8 8.6#



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





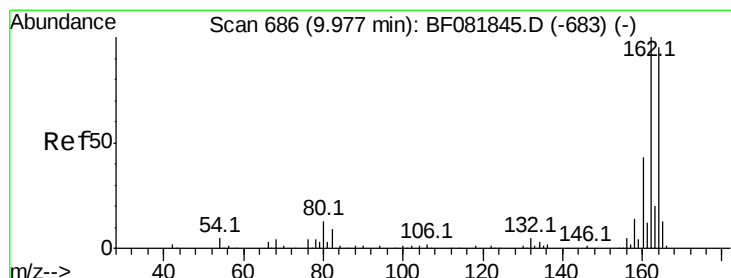
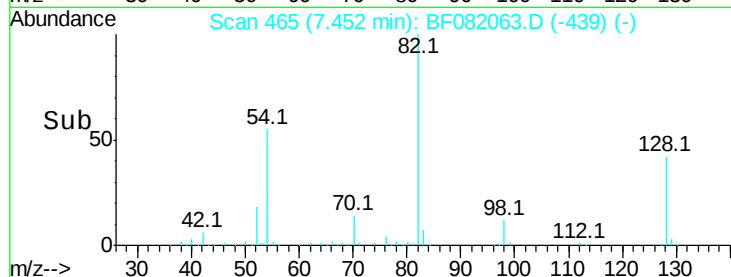
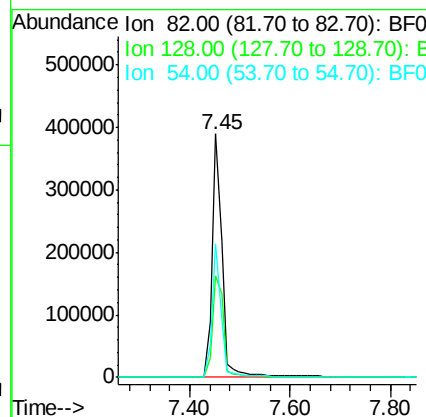
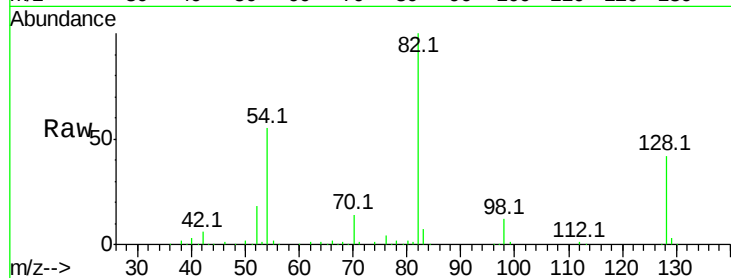
#23
 Nitrobenzene-d5
 Concen: 84.52 ng
 RT: 7.45 min Scan# 465
 Delta R.T. -0.00 min
 Lab File: BF082063.D
 Acq: 6 Oct 2015 00:30

Instrument :
 BNA_F
 ClientSampled :
 SS-2(0-2)

Tot Ion	Ratio	Resp	Lower	Upper
82	100	542701		
128	41.6	51.0	76.6#	
54	54.7	47.5	71.3	

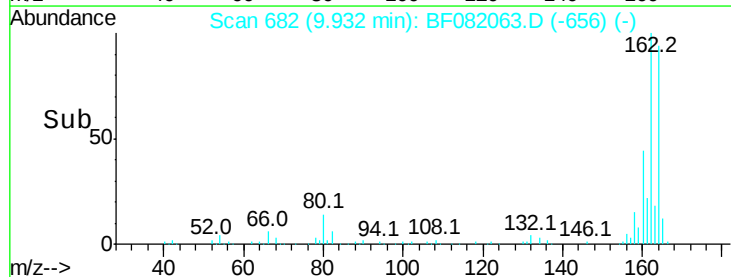
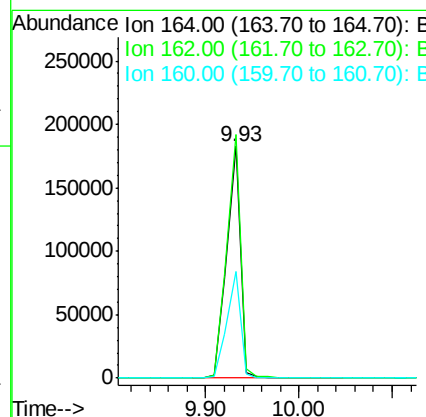
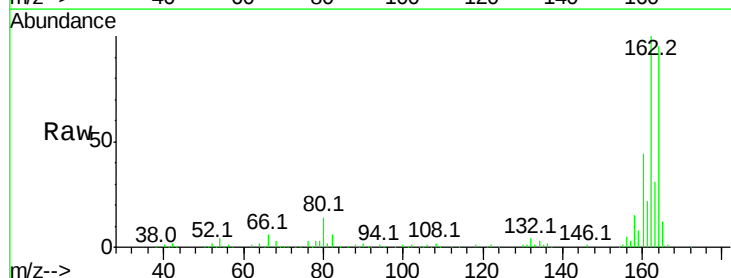
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 682
 Delta R.T. -0.00 min
 Lab File: BF082063.D
 Acq: 6 Oct 2015 00:30

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	186085		
162	105.0	75.2	112.8	
160	46.2	31.5	47.3	





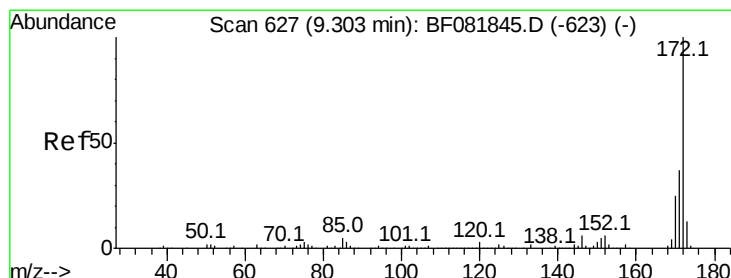
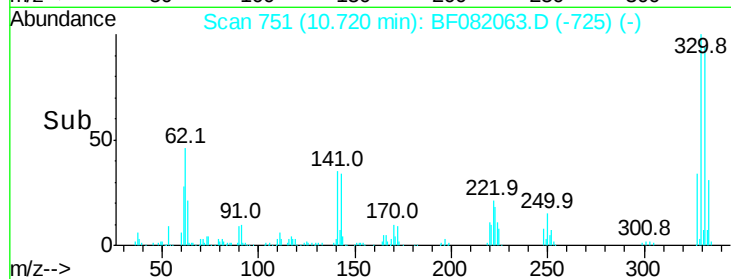
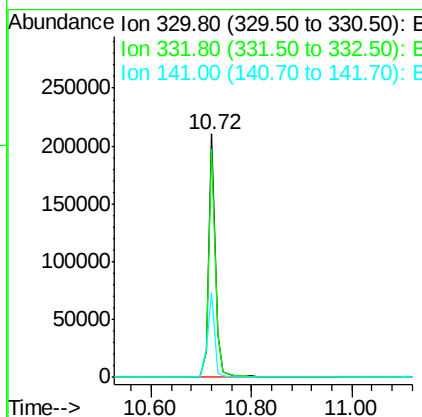
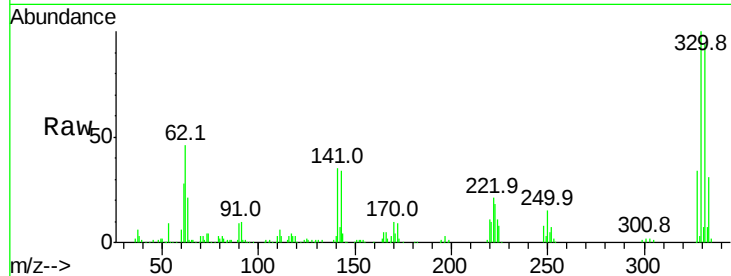
#41
 2,4,6-Tribromophenol
 Concen: 105.70 ng
 RT: 10.72 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF082063.D
 Acq: 6 Oct 2015 00:30

Instrument :
 BNA_F
 ClientSampleId :
 SS-2(0-2)

Tot Ion	Ratio	Resp	Lower	Upper
330	100	199200		
332	94.6	76.6	114.8	
141	36.7	29.7	44.5	

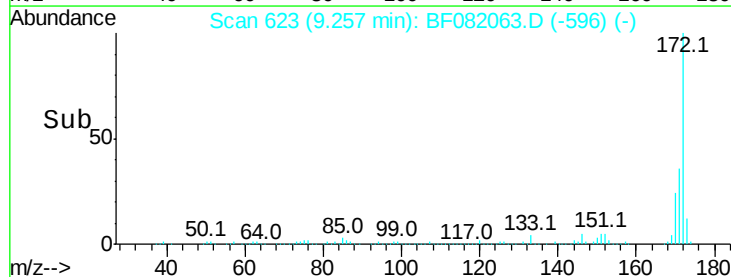
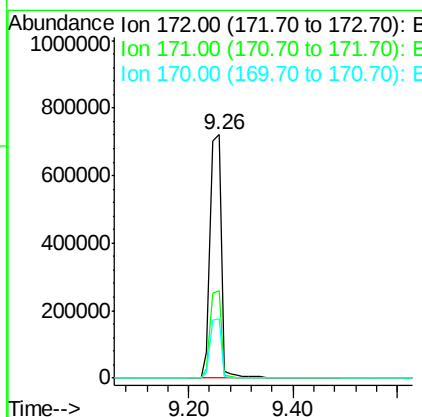
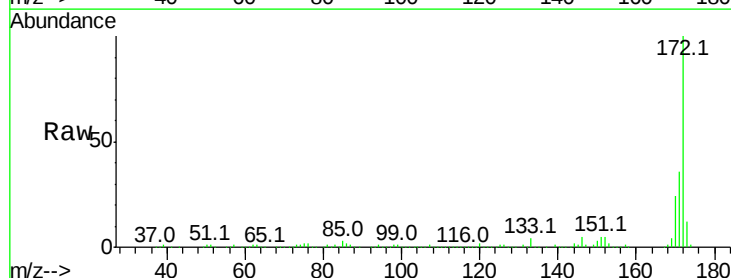
Manual Integrations
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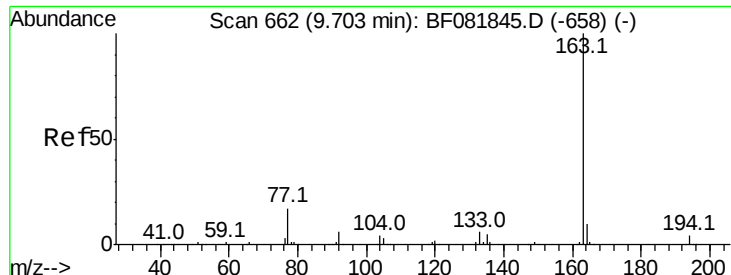
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#44
 2-Fluorobiphenyl
 Concen: 101.35 ng
 RT: 9.26 min Scan# 623
 Delta R.T. 0.01 min
 Lab File: BF082063.D
 Acq: 6 Oct 2015 00:30

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1085388		
171	35.7	26.1	39.1	
170	24.3	17.4	26.2	





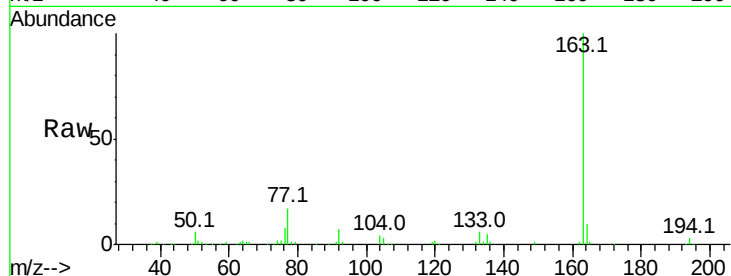
#49
Dimethylphthalate
Concen: 15.70 ng
RT: 9.65 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF082063.D
Acq: 6 Oct 2015 00:30

Instrument :
BNA_F
ClientSampleId :
SS-2(0-2)

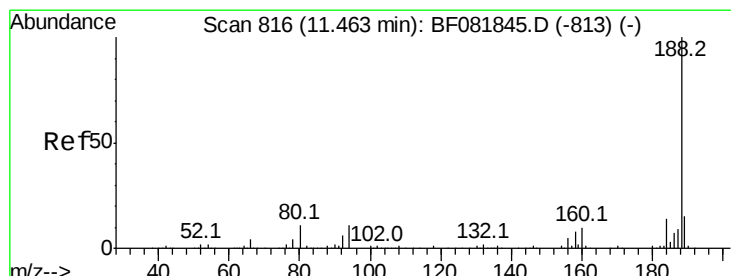
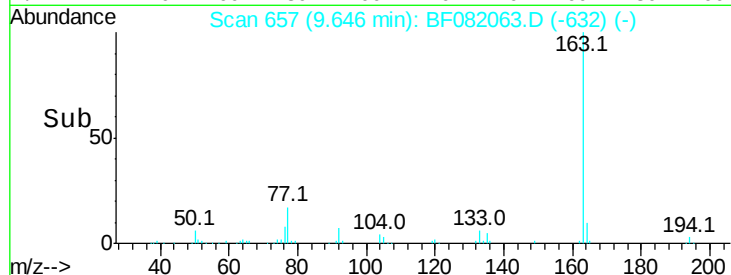
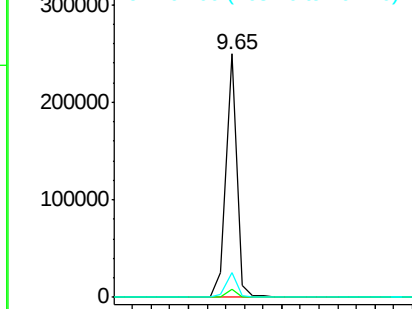
Tot Ion	Ratio	Resp	Lower	Upper
163	100	201607		
194	3.4		4.4	6.6#
164	9.9		8.3	12.5

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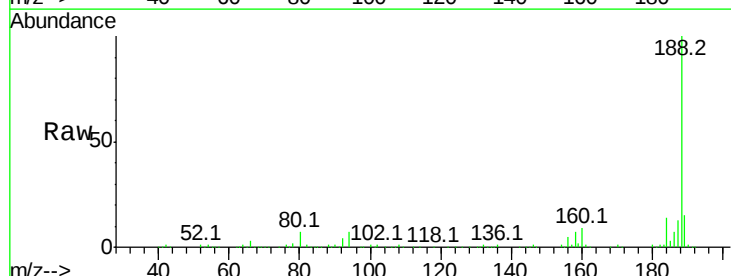


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

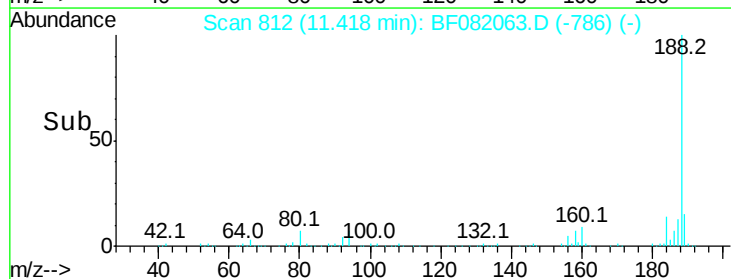
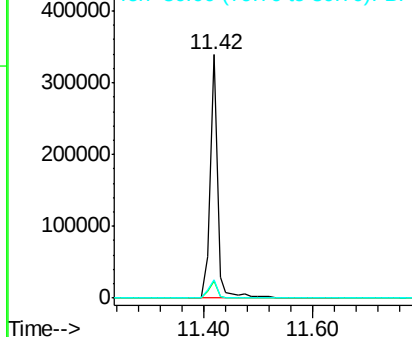


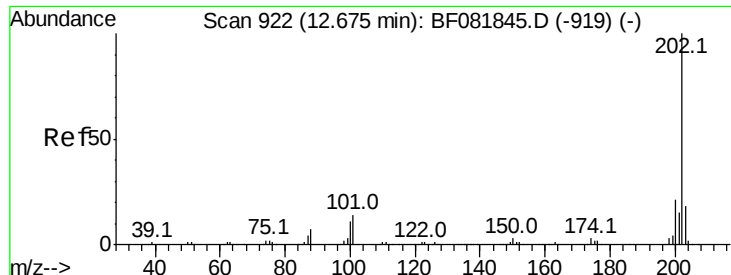
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF082063.D
Acq: 6 Oct 2015 00:30

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	320856		
94	6.9		11.1	16.7#
80	7.4		11.0	16.4#



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





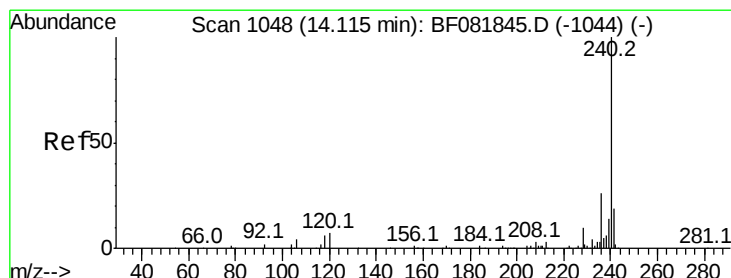
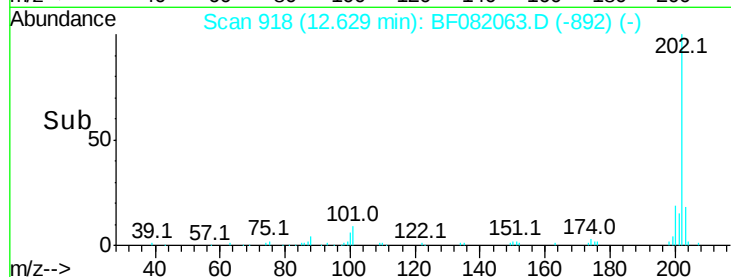
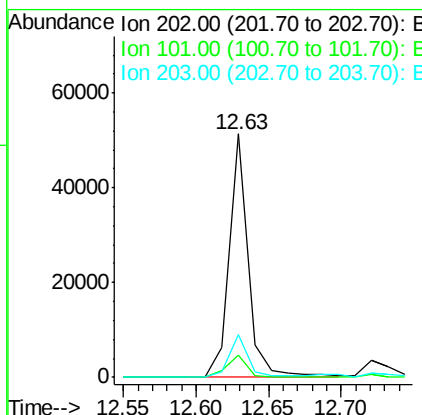
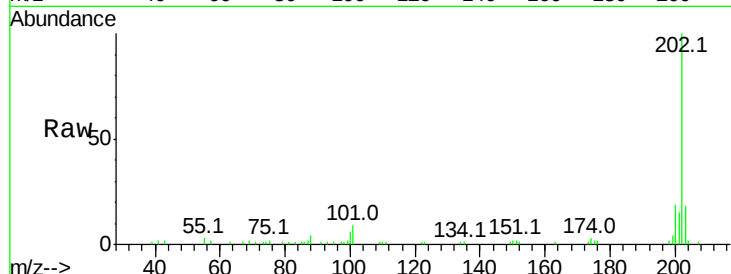
#74
 Fluoranthene
 Concen: 2.75 ng
 RT: 12.63 min Scan# 918
 Delta R.T. -0.00 min
 Lab File: BF082063.D
 Acq: 6 Oct 2015 00:30

Instrument :
 BNA_F
 ClientSampleId :
 SS-2(0-2)

Tot Ion	Ratio	Resp	Lower	Upper
202	100	47209		
101	9.0		0.0	38.3
203	17.7		0.0	37.3

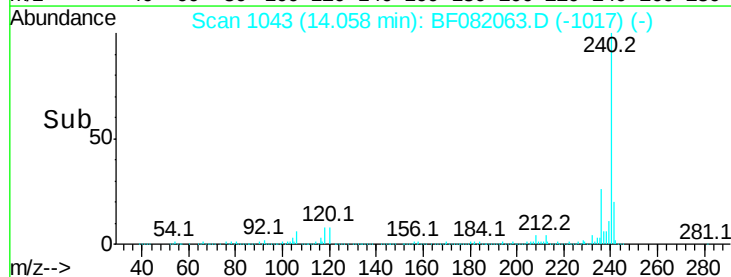
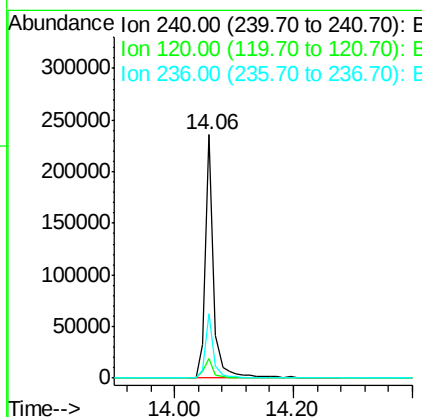
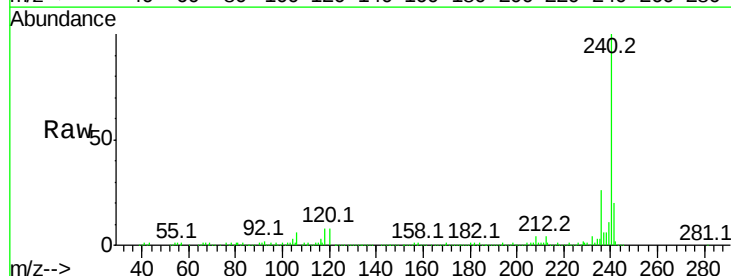
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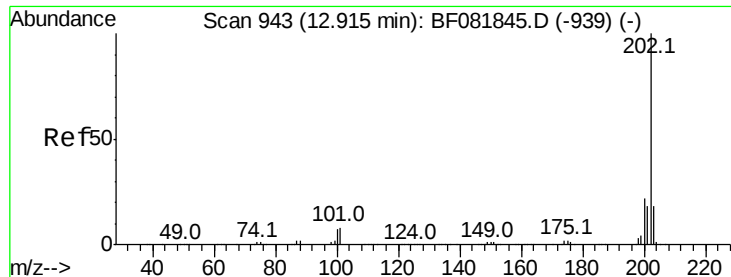
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.06 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BF082063.D
 Acq: 6 Oct 2015 00:30

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	239577		
120	8.2		16.2	24.2#
236	26.3		18.4	27.6





#77

Pvrene

Concen: 2.73 ng

RT: 12.86 min Scan# 938

Delta R.T. -0.00 min

Lab File: BF082063.D

Acq: 6 Oct 2015 00:30

Instrument :

BNA_F

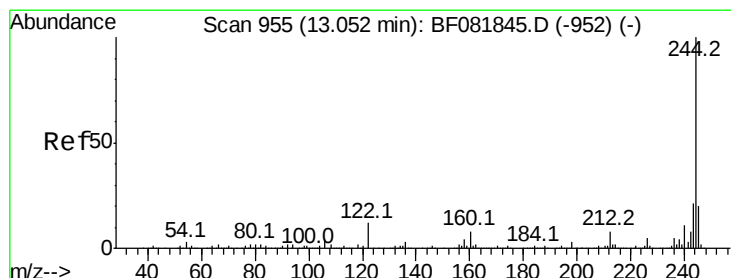
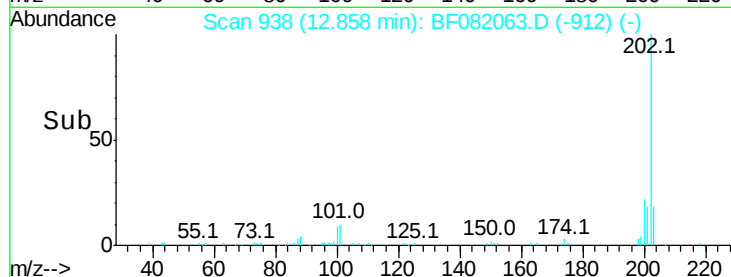
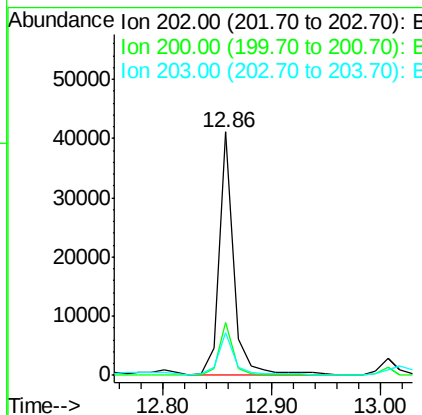
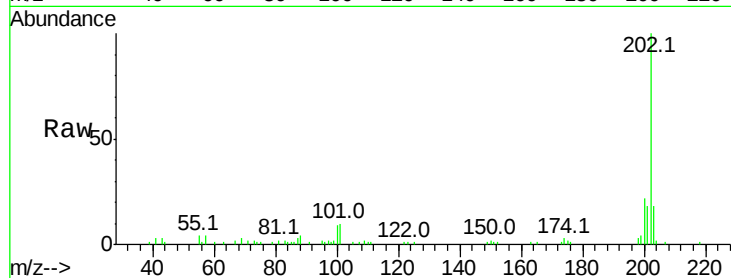
ClientSampled :

SS-2(0-2)

Tot Ion:	202	Resp:	39119
Ion Ratio	Lower	Upper	
202	100		
200	21.8	15.0	22.4
203	17.7	14.1	21.1

Manual Integrations
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#78

Terphenyl-d14

Concen: 128.13 ng

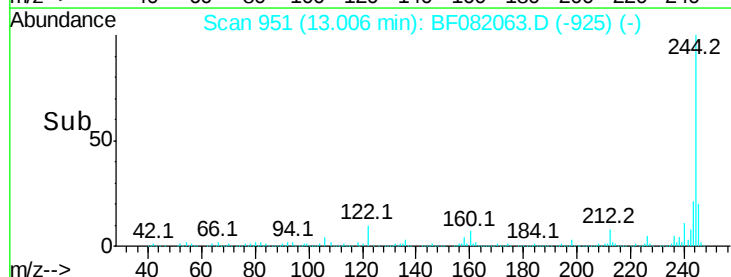
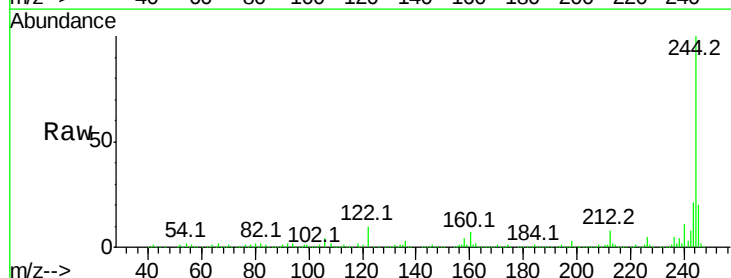
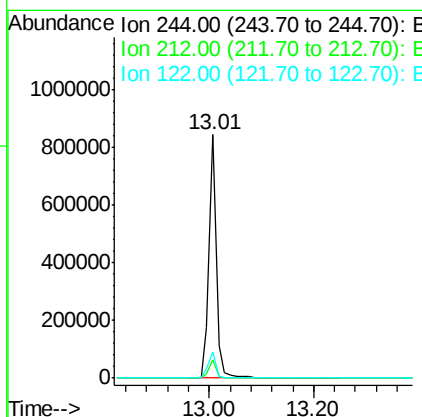
RT: 13.01 min Scan# 951

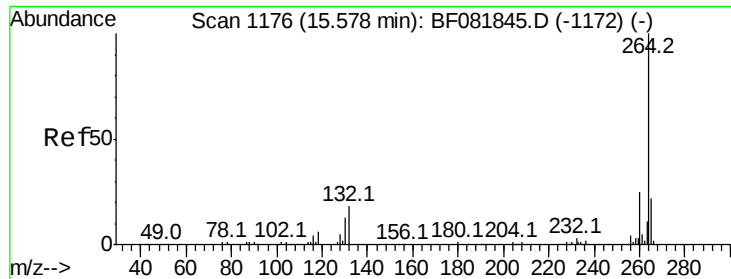
Delta R.T. -0.00 min

Lab File: BF082063.D

Acq: 6 Oct 2015 00:30

Tgt Ion:	244	Resp:	821451
Ion Ratio	Lower	Upper	
244	100		
212	7.6	4.3	6.5#
122	10.5	17.4	26.2#





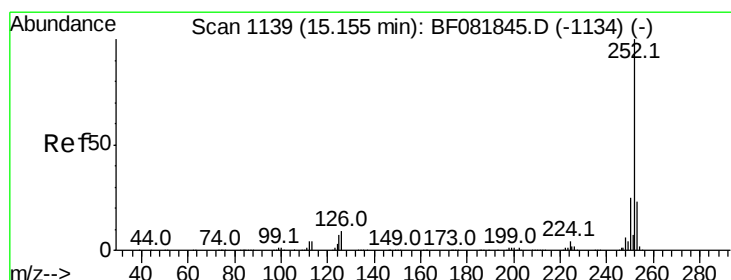
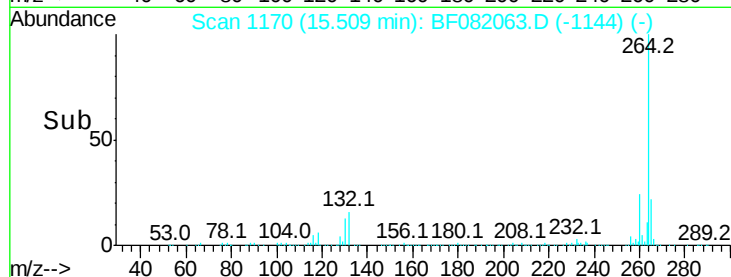
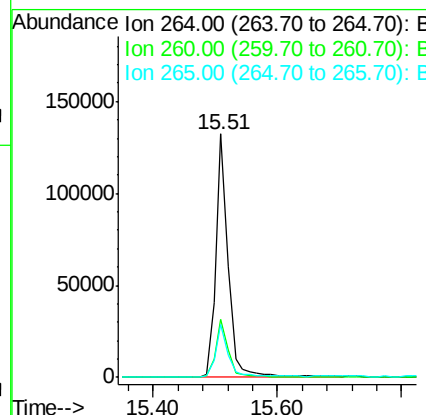
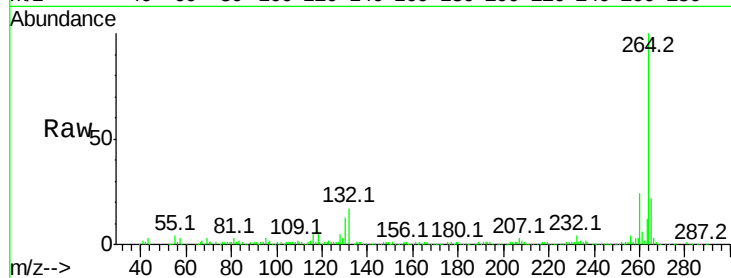
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF082063.D
Acq: 6 Oct 2015 00:30

Instrument :
BNA_F
ClientSampleId :
SS-2(0-2)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	16.7	25.1
265	21.9	17.2	25.8

Manual Integrations
APPROVED

MMDadoda
10/6/2015 2:54:41 PM



#87
Benzo(b)fluoranthene
Concen: 2.40 ng m
RT: 15.09 min Scan# 1133
Delta R.T. -0.00 min
Lab File: BF082063.D
Acq: 6 Oct 2015 00:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.5	26.3
125	16.2	17.1	25.7#

