

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100615\
 Data File : BF082084.D
 Acq On : 6 Oct 2015 15:06
 Operator : UM/IZ
 Sample : G3857-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A1-COMP

Manual Integrations
 APPROVED

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Quant Time: Oct 06 15:47:31 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	86267	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	351409	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	163942	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	321030	20.00	ng	0.00
75) Chrysene-d12	14.06	240	270487	20.00	ng	0.00
86) Perylene-d12	15.50	264	229168	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	605923	127.50	ng	0.01
7) Phenol-d6	6.51	99	703053	117.57	ng	0.00
23) Nitrobenzene-d5	7.45	82	479080	90.88	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	221515	133.42	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	853538	87.65	ng	0.00
78) Terphenyl-d14	13.01	244	913434	124.65	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.65	163	242829	21.46	ng	Qvalue # 96
74) Fluoranthene	12.63	202	59302	3.45	ng	87
77) Pyrene	12.86	202	52455	3.25	ng	96
82) Chrysene	14.08	228	27405m	2.31	ng	
87) Benzo(b)fluoranthene	15.09	252	29993m	2.29	ng	

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

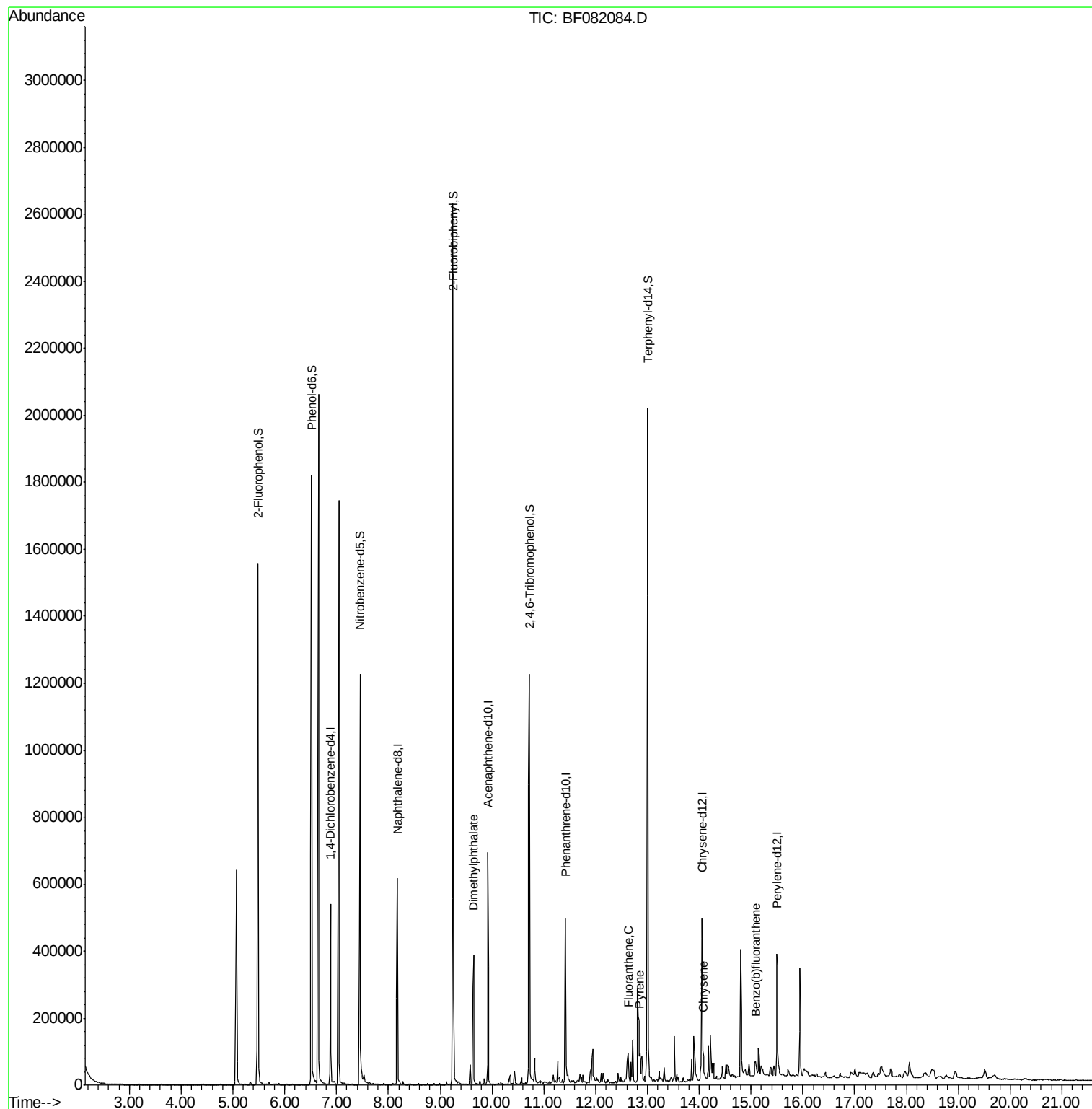
Data Path : Z:\HPCHEM1\BNA F\DATA\BF100615\
Data File : BF082084.D
Acq On : 6 Oct 2015 15:06
Operator : UM/IZ
Sample : G3857-05
Misc :
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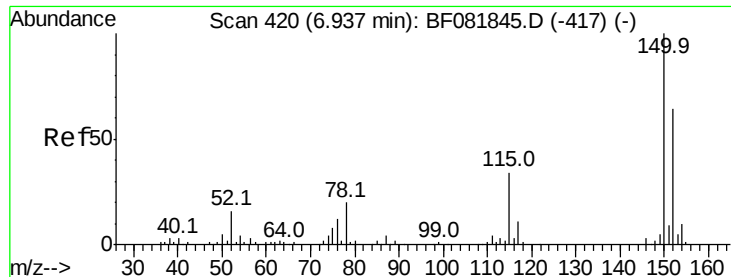
Instrument :
BNA_F
ClientSampleId :
A1-COMP

Quant Time: Oct 06 15:47:31 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF082084.D

Acq: 6 Oct 2015 15:06

Instrument :

BNA_F

ClientSampleId :

A1-COMP

Tot Ion:152 Resp: 86267

Ion Ratio Lower Upper

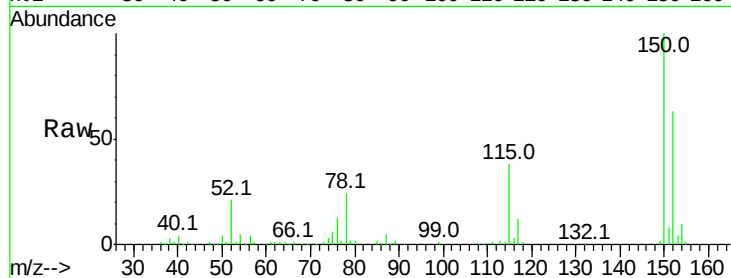
152 100

150 159.0 124.7 187.1

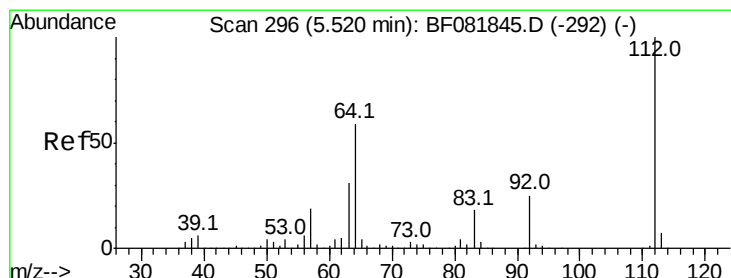
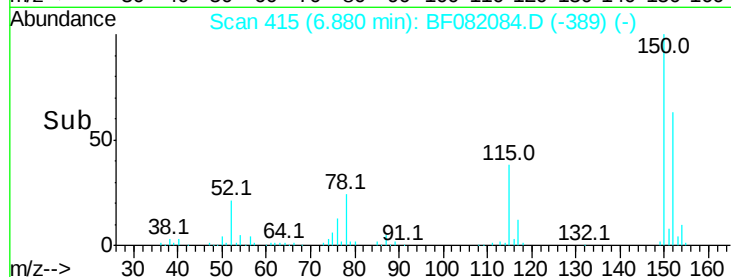
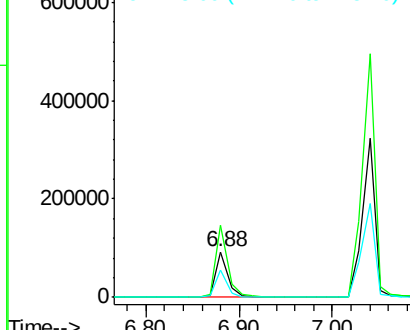
115 60.4 39.0 58.4#

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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: 127.50 ng

RT: 5.49 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF082084.D

Acq: 6 Oct 2015 15:06

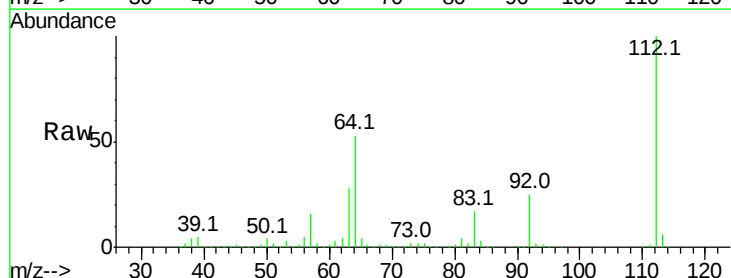
Tgt Ion:112 Resp: 605923

Ion Ratio Lower Upper

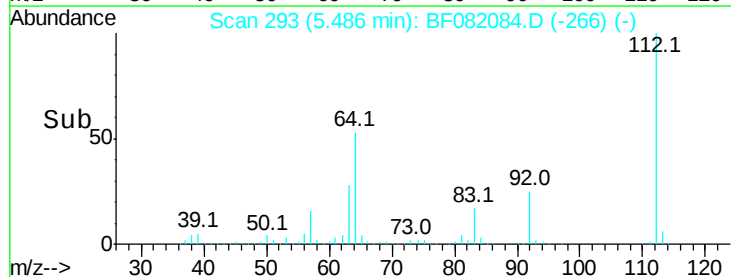
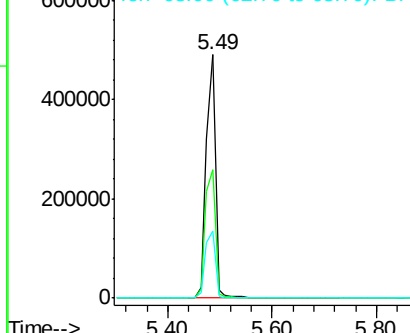
112 100

64 52.8 39.7 59.5

63 27.7 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: 117.57 ng

RT: 6.51 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF082084.D

Acq: 6 Oct 2015 15:06

Instrument :

BNA_F

ClientSampleId :

A1-COMP

Tot Ion: 99 Resp: 703053

Ion Ratio Lower Upper

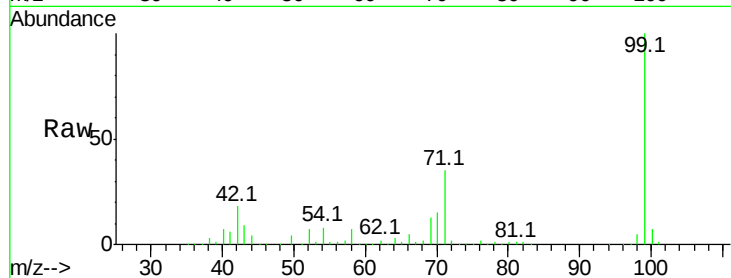
99 100

42 18.2 13.7 20.5

71 34.6 14.2 21.2#

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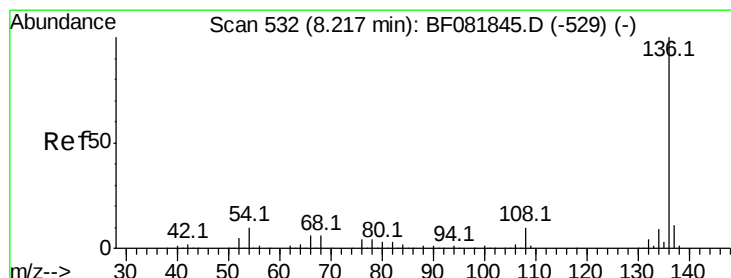
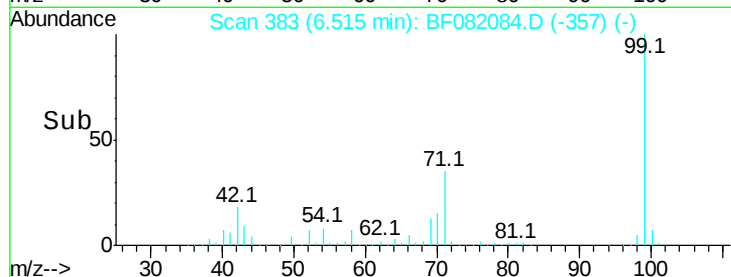
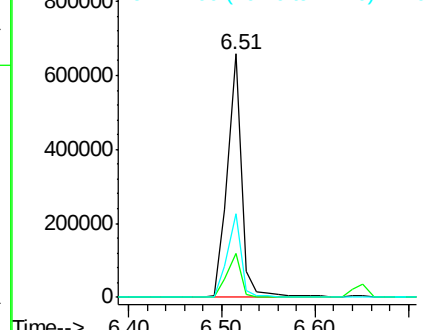
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Abundance Ion 99.00 (98.70 to 99.70): BF0

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: BF082084.D

Acq: 6 Oct 2015 15:06

Tgt Ion: 136 Resp: 351409

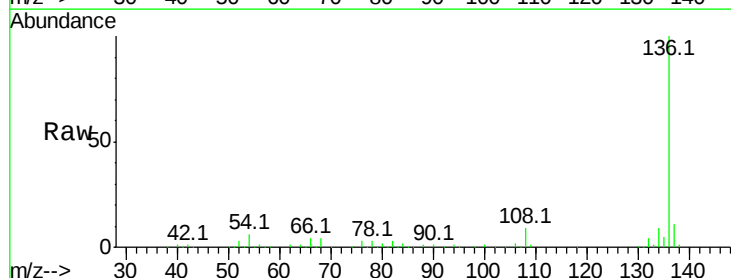
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 6.1 8.2 12.2#

68 4.1 5.8 8.6#

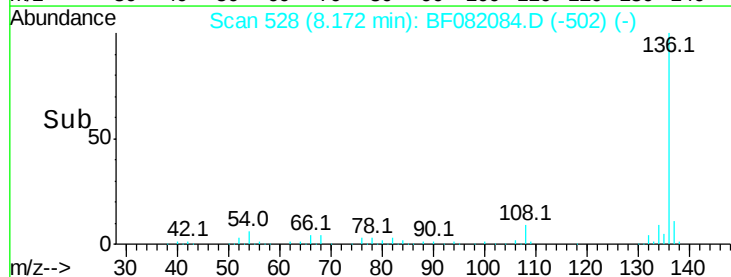
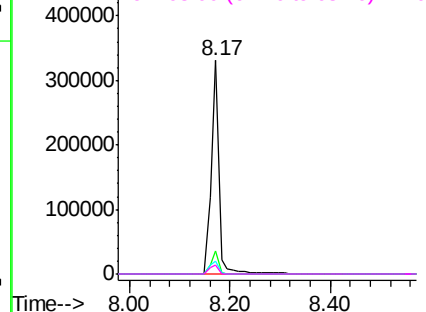


Abundance Ion 136.00 (135.70 to 136.70): E

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





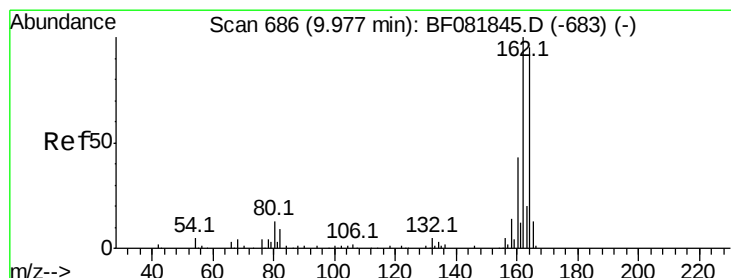
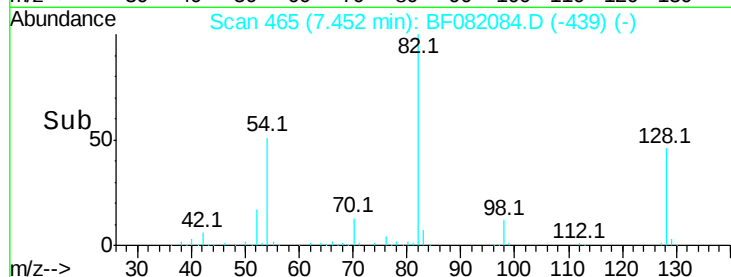
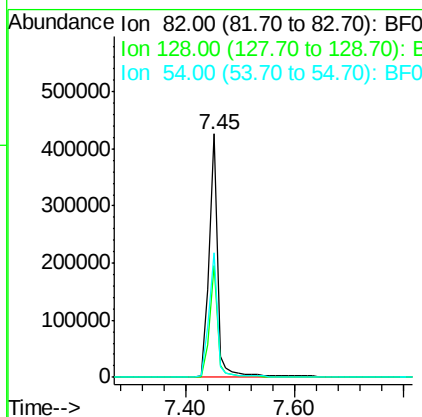
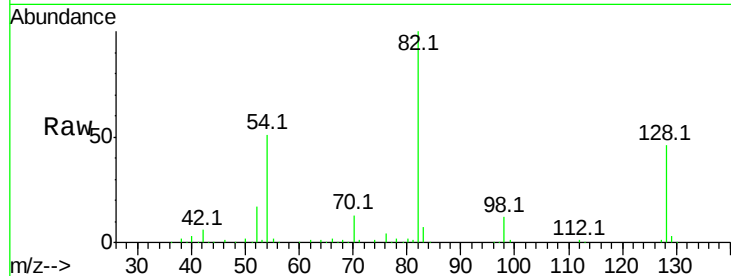
#23
 Nitrobenzene-d5
 Concen: 90.88 ng
 RT: 7.45 min Scan# 465
 Delta R.T. 0.00 min
 Lab File: BF082084.D
 Acq: 6 Oct 2015 15:06

Instrument :
 BNA_F
 ClientSampleId :
 A1-COMP

Tot Ion: 82 Resp: 479080
 Ion Ratio Lower Upper
 82 100
 128 45.9 51.0 76.6#
 54 51.1 47.5 71.3

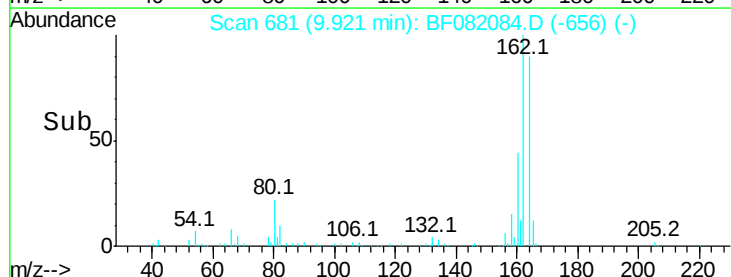
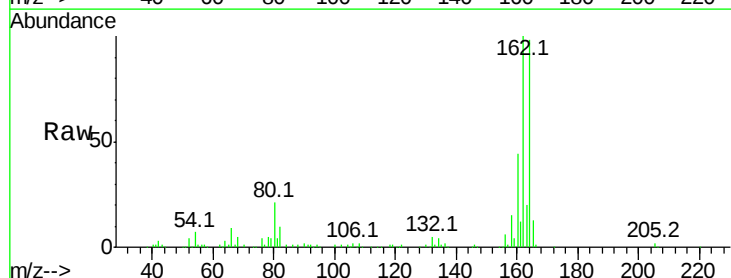
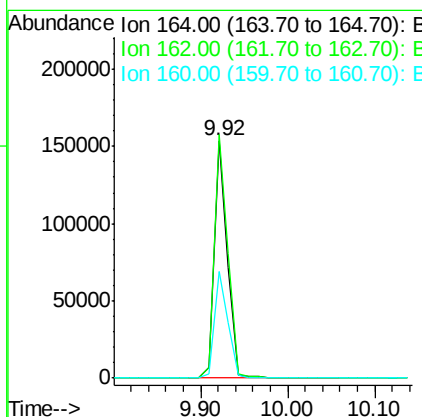
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 681
 Delta R.T. -0.01 min
 Lab File: BF082084.D
 Acq: 6 Oct 2015 15:06

Tgt Ion:164 Resp: 163942
 Ion Ratio Lower Upper
 164 100
 162 102.5 75.2 112.8
 160 45.2 31.5 47.3





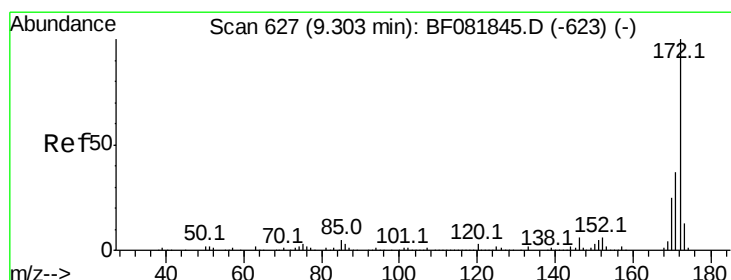
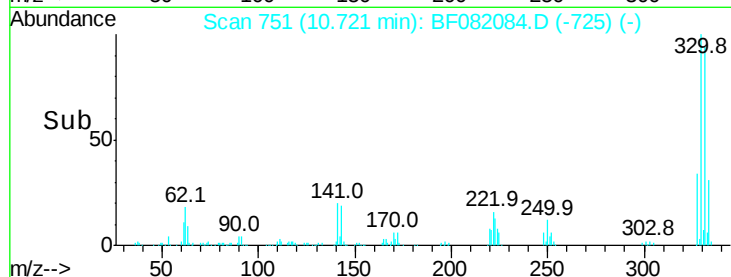
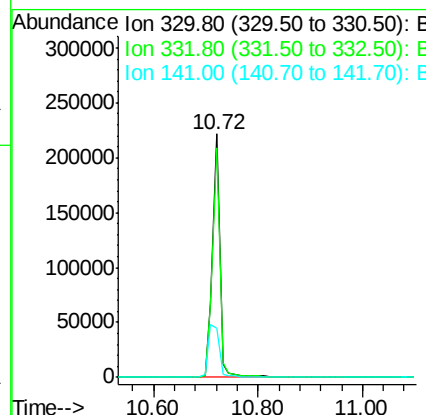
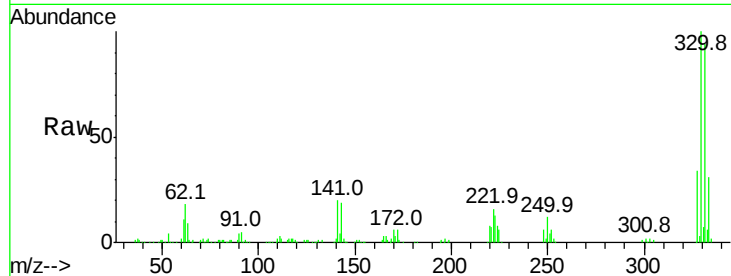
#41
 2,4,6-Tribromophenol
 Concen: 133.42 ng
 RT: 10.72 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF082084.D
 Acq: 6 Oct 2015 15:06

Instrument :
 BNA_F
 ClientSampleId :
 A1-COMP

Tot Ion	Ratio	Resp	Lower	Upper
330	100	221515		
332	94.9	76.6	114.8	
141	31.6	29.7	44.5	

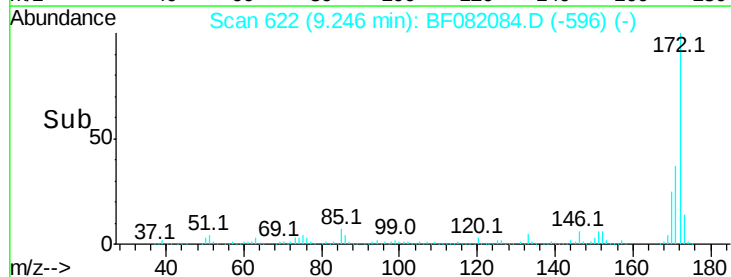
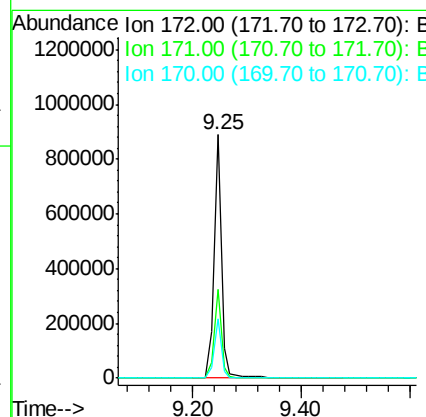
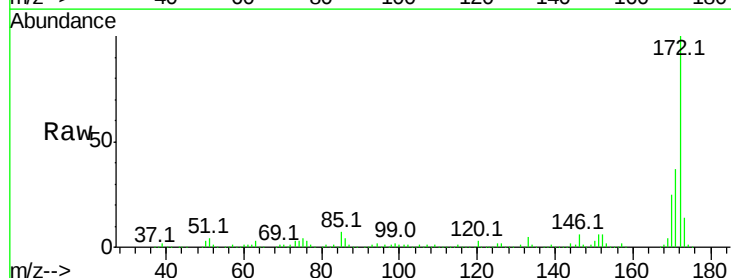
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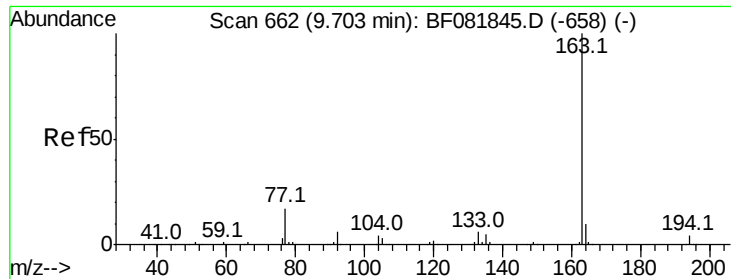
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#44
 2-Fluorobiphenyl
 Concen: 87.65 ng
 RT: 9.25 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF082084.D
 Acq: 6 Oct 2015 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	853538		
171	36.7	26.1	39.1	
170	24.6	17.4	26.2	





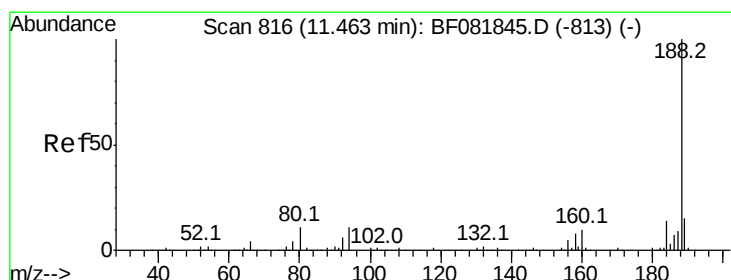
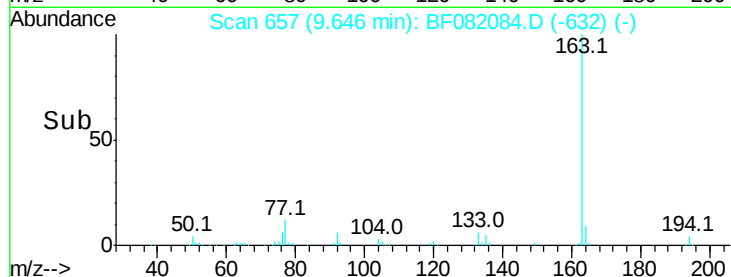
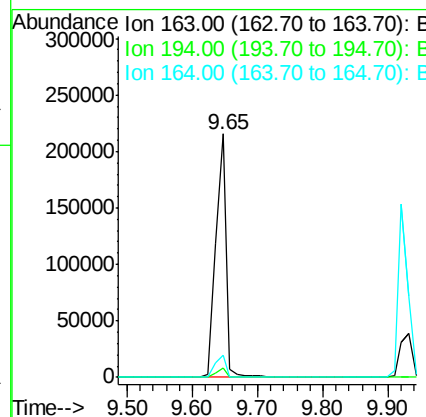
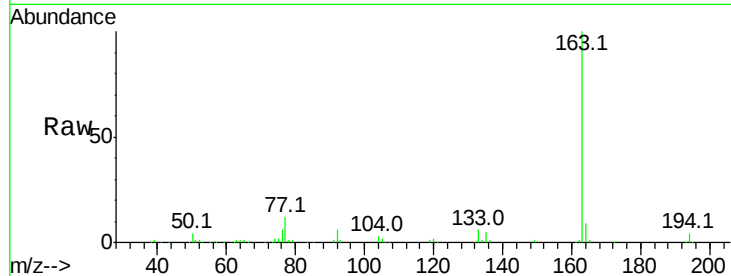
#49
Dimethylphthalate
Concen: 21.46 ng
RT: 9.65 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF082084.D
Acq: 6 Oct 2015 15:06

Instrument :
BNA_F
ClientSampleId :
A1-COMP

Tot Ion	Ratio	Resp	Lower	Upper
163	100	242829		
194	3.9		4.4	6.6#
164	9.3		8.3	12.5

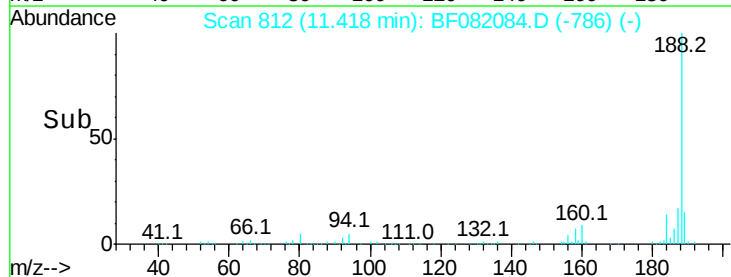
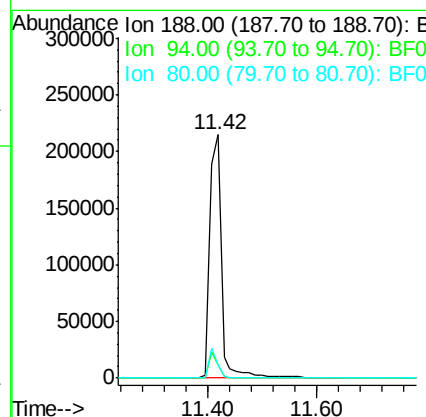
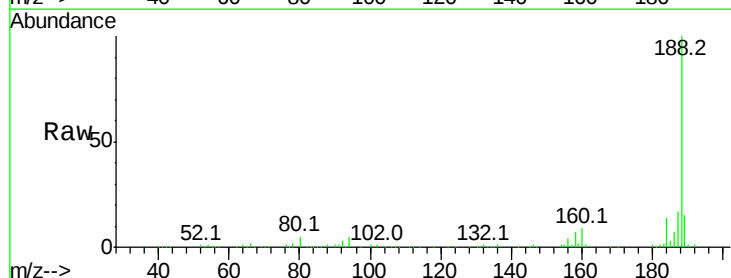
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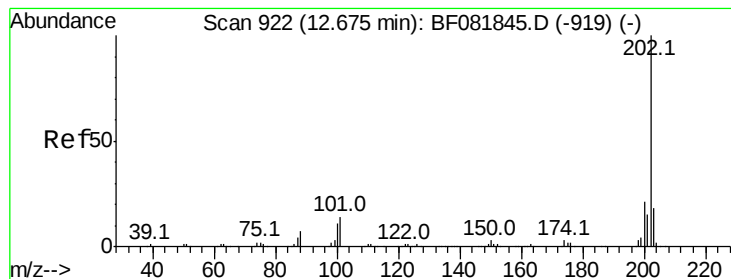
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF082084.D
Acq: 6 Oct 2015 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	321030		
94	5.5		11.1	16.7#
80	5.4		11.0	16.4#





#74

Fluoranthene

Concen: 3.45 ng

RT: 12.63 min Scan# 918

Delta R.T. 0.00 min

Lab File: BF082084.D

Acq: 6 Oct 2015 15:06

Instrument :

BNA_F

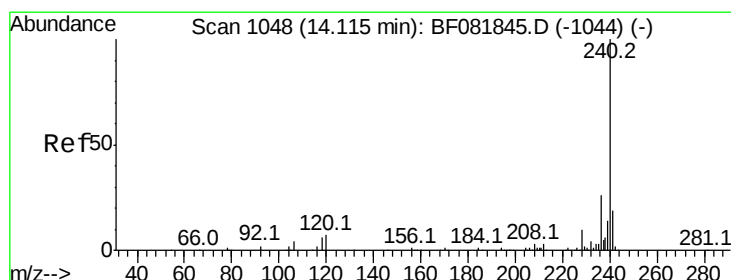
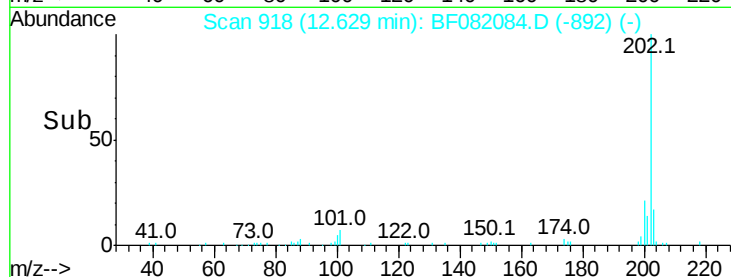
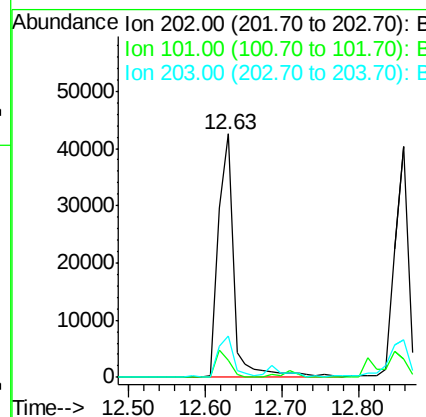
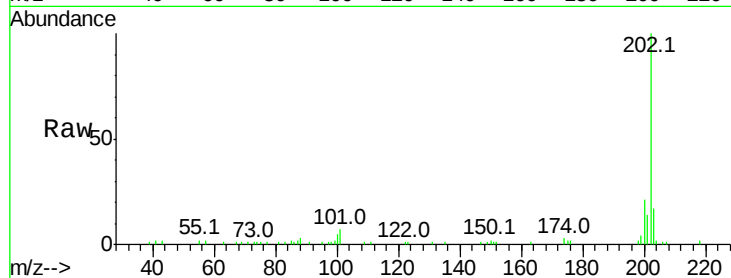
ClientSampleId :

A1-COMP

Tot Ion:	202	Resp:	59302
Ion Ratio	Lower	Upper	
202	100		
101	7.1	0.0	38.3
203	17.2	0.0	37.3

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#75

Chrysene-d12

Concen: 20.00 ng

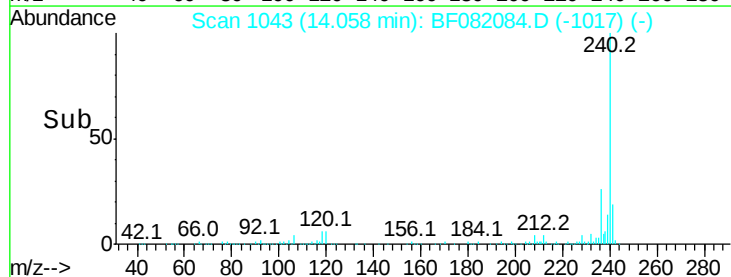
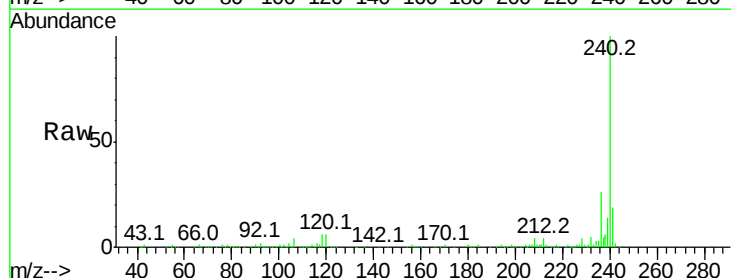
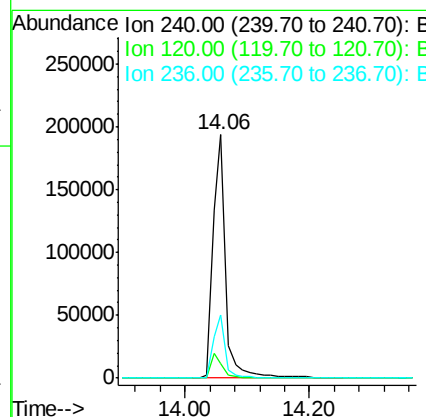
RT: 14.06 min Scan# 1043

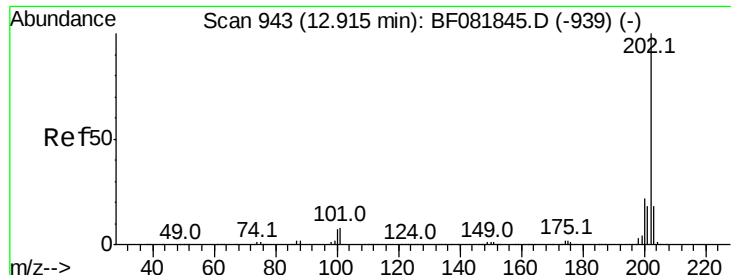
Delta R.T. 0.00 min

Lab File: BF082084.D

Acq: 6 Oct 2015 15:06

Tgt Ion:	240	Resp:	270487
Ion Ratio	Lower	Upper	
240	100		
120	6.2	16.2	24.2#
236	25.9	18.4	27.6





#77

Pvrene

Concen: 3.25 ng

RT: 12.86 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF082084.D

Acq: 6 Oct 2015 15:06

Instrument :

BNA_F

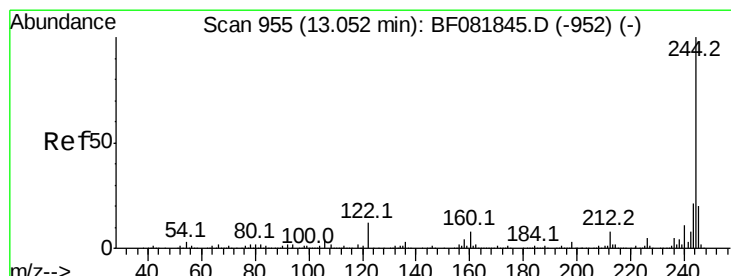
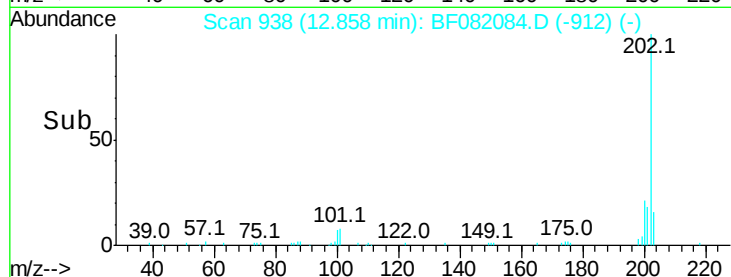
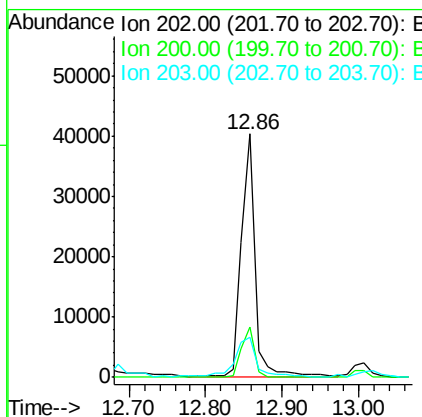
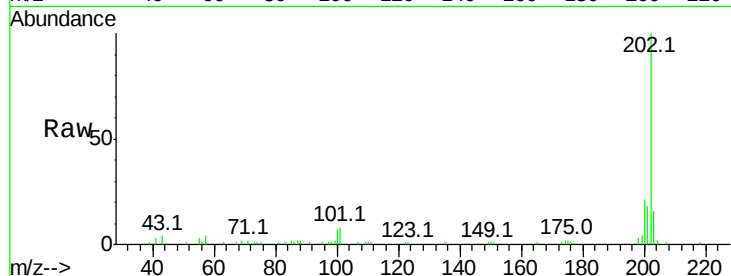
ClientSampleId :

A1-COMP

Tot Ion:	202	Resp:	52455
Ion Ratio	Lower	Upper	
202	100		
200	20.6	15.0	22.4
203	16.3	14.1	21.1

Manual Integrations
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#78

Terphenyl-d14

Concen: 124.65 ng

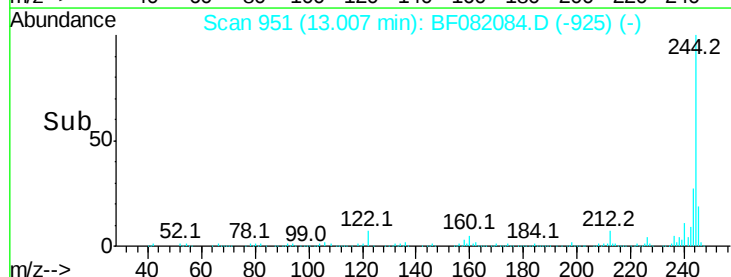
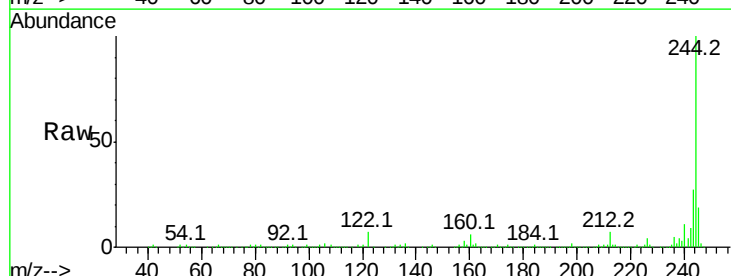
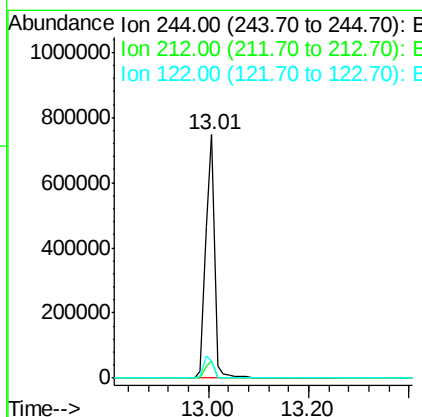
RT: 13.01 min Scan# 951

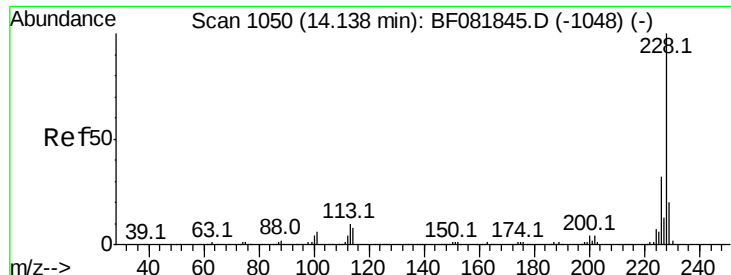
Delta R.T. 0.00 min

Lab File: BF082084.D

Acq: 6 Oct 2015 15:06

Tgt Ion:	244	Resp:	913434
Ion Ratio	Lower	Upper	
244	100		
212	6.9	4.3	6.5#
122	6.9	17.4	26.2#





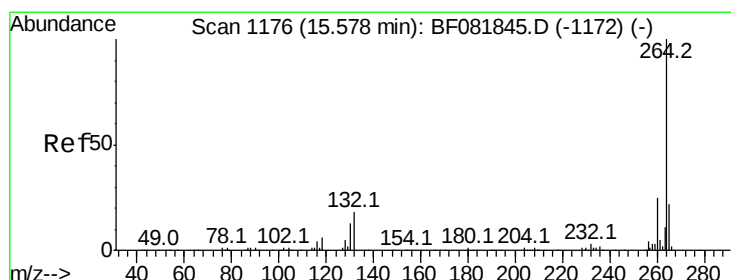
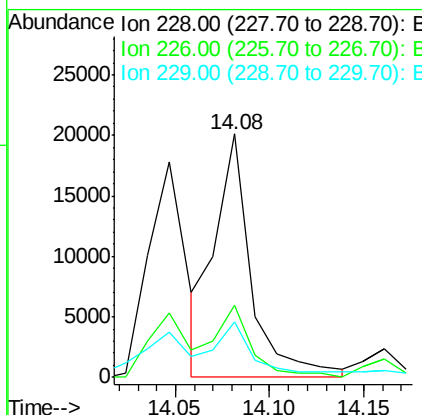
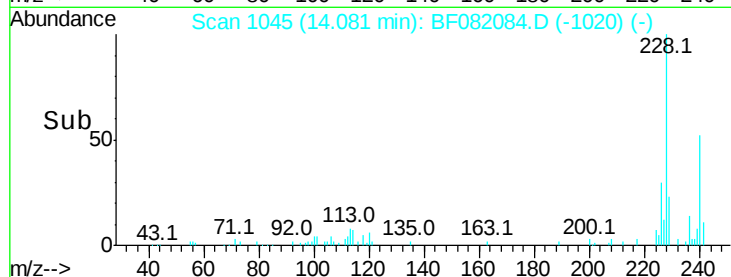
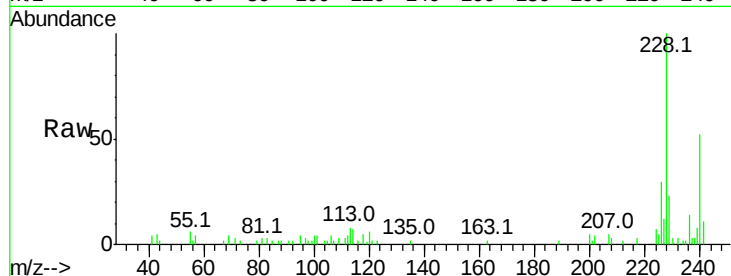
#82
Chrysene
Concen: 2.31 ng/ml
RT: 14.08 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF082084.D
Acq: 6 Oct 2015 15:06

Instrument :
BNA_F
ClientSampleId :
A1-COMP

Tot Ion:	228	Resp:	27405
Ion Ratio	Lower	Upper	
228	100		
226	29.7	21.0	31.4
229	23.0	15.6	23.4

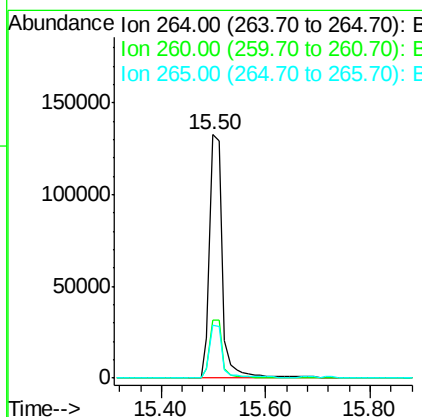
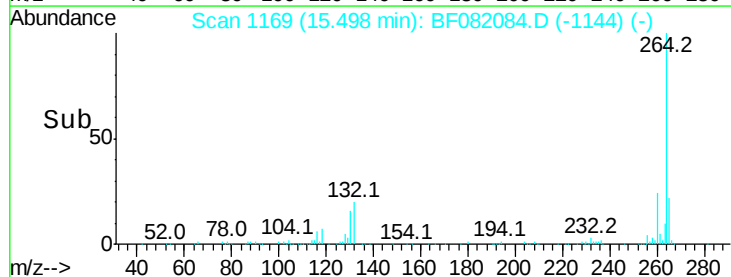
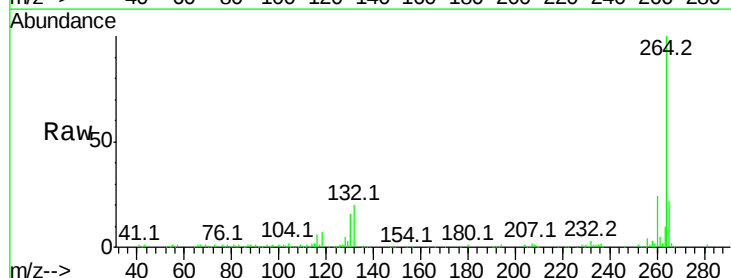
Manual Integrations
APPROVED

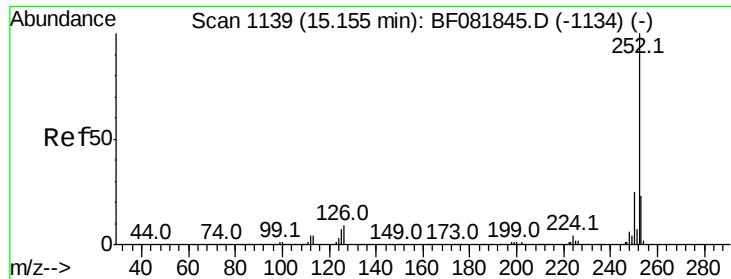
mmdadoda
10/7/2015 4:51:52 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF082084.D
Acq: 6 Oct 2015 15:06

Tgt Ion:	264	Resp:	229168
Ion Ratio	Lower	Upper	
264	100		
260	24.0	16.7	25.1
265	21.6	17.2	25.8





#87
 Benzo(b)fluoranthene
 Concen: 2.29 ng m
 RT: 15.09 min Scan# 1133
 Delta R.T. 0.00 min
 Lab File: BF082084.D
 Acq: 6 Oct 2015 15:06

Instrument :
 BNA_F
 ClientSampleId :
 A1-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.5	26.3
125	12.1	17.1	25.7

Manual Integrations
 APPROVED

mmdadoda
 10/7/2015 4:51:52 PM

