

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100515\
 Data File : BF082054.D
 Acq On : 5 Oct 2015 19:57
 Operator : UM/IZ
 Sample : G3867-01DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-6.0-7.0-092915DL

Manual Integrations
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 10/6/2015 2:54:14 PM

Quant Time: Oct 06 05:17:01 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	96990m	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	365903	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	176728	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	303694	20.00	ng	0.00
75) Chrysene-d12	14.06	240	277418	20.00	ng	0.00
86) Perylene-d12	15.50	264	239952	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	161881	30.30	ng	-0.01
7) Phenol-d6	6.50	99	239875	35.68	ng	-0.01
23) Nitrobenzene-d5	7.45	82	124763	22.73	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	47653	26.62	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	236058	18.77	ng	0.00
78) Terphenyl-d14	13.00	244	228901	20.93	ng	-0.01
Target Compounds						
37) 2-Methylnaphthalene	8.89	142	541526	48.93	ng	# 91
49) Dimethylphthalate	9.65	163	61042	5.00	ng	# 91
57) Fluorene	10.48	166	83104	6.24	ng	# 83
70) Phenanthrene	11.44	178	237079	15.12	ng	# 91
74) Fluoranthene	12.64	202	33372	2.05	ng	# 82
77) Pyrene	12.86	202	42608	2.57	ng	# 92

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

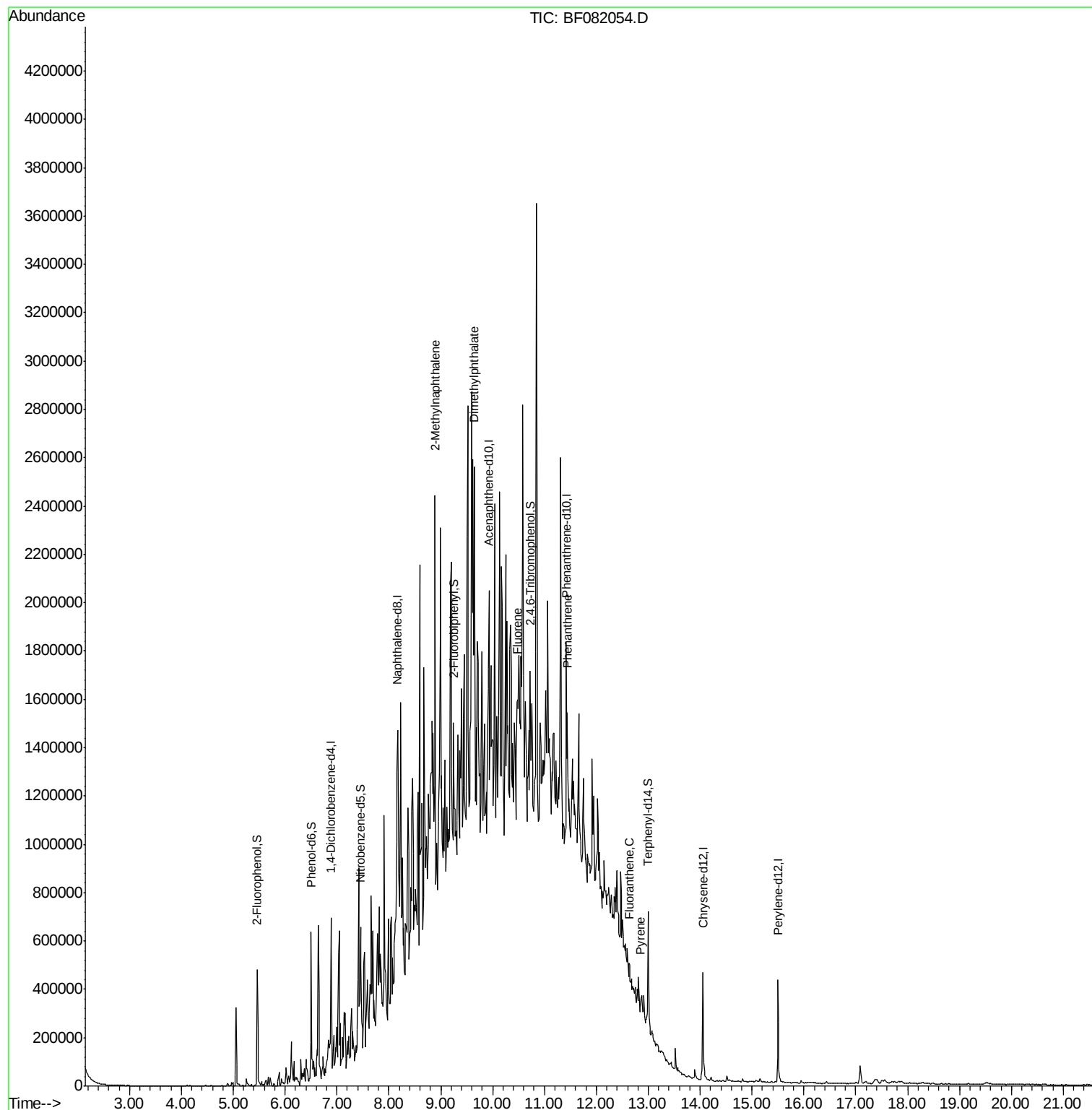
Data Path : Z:\HPCHEM1\BNA F\DATA\BF100515\
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Operator : UM/IZ
Sample : G3867-01DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

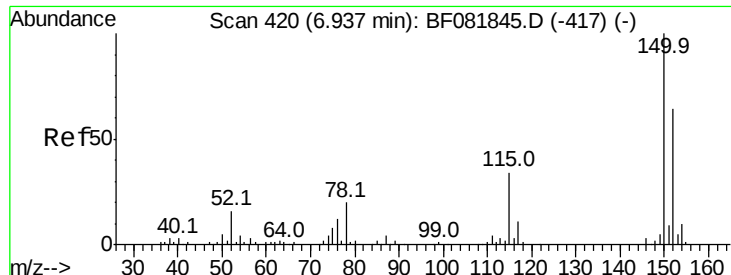
Instrument :
BNA_F
ClientSampleId :
SB-07-6.0-7.0-092915DL

Manual Integrations
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Quant Time: Oct 06 05:17:01 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

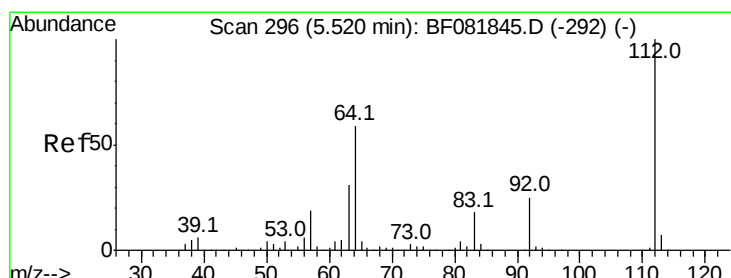
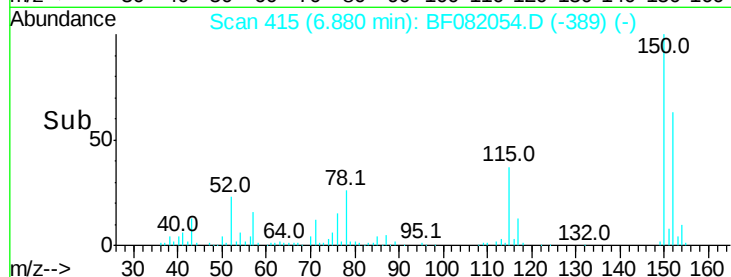
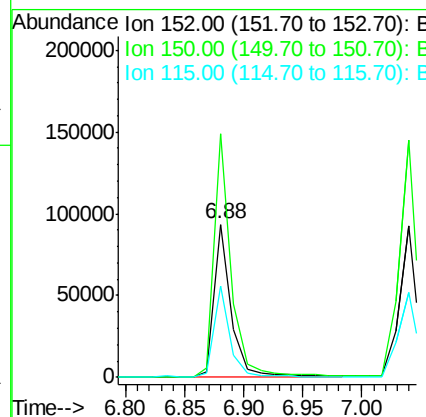
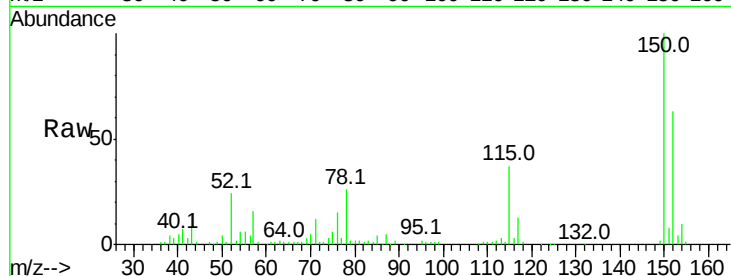
1,4-Dichlorobenzene-d4
Concen: 20.00 ng/ml
RT: 6.88 min Scan# 415
Delta R.T. -0.00 min
Lab File: BF082054.D
Acq: 5 Oct 2015 19:57

Instrument :
BNA_F
ClientSampleId :
SB-07-6.0-7.0-092915DL

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	124.7	187.1
115	59.5	39.0	58.4#

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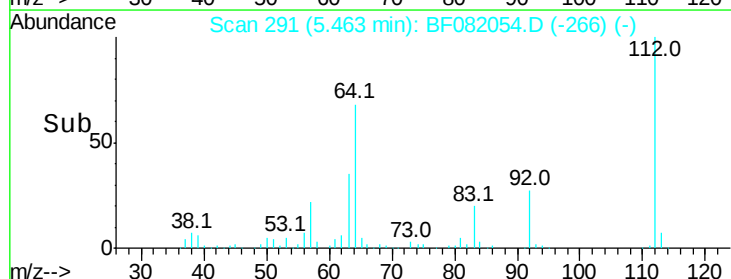
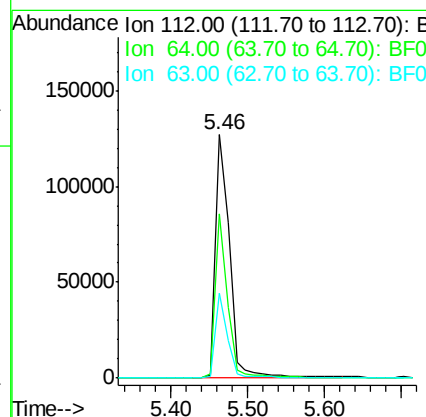
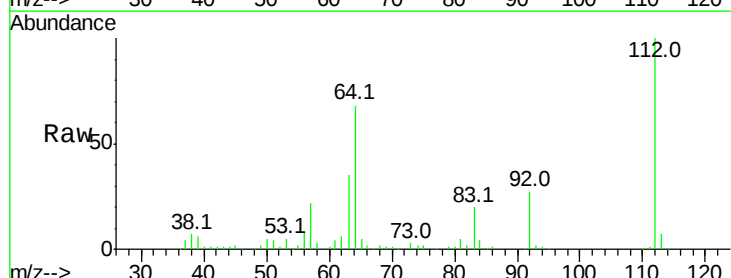
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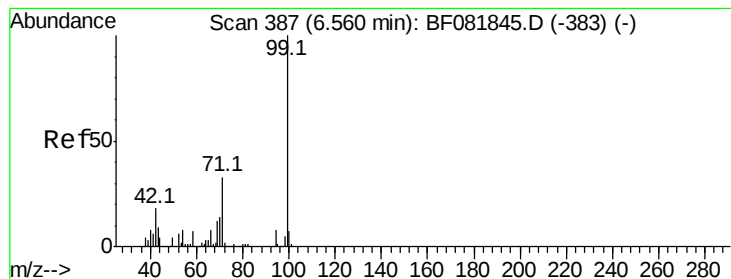


#5

2-Fluorophenol
Concen: 30.30 ng
RT: 5.46 min Scan# 291
Delta R.T. -0.01 min
Lab File: BF082054.D
Acq: 5 Oct 2015 19:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.7	39.7	59.5#
63	35.1	17.4	26.0#





#7

Phenol-d6

Concen: 35.68 ng

RT: 6.50 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF082054.D

Acq: 5 Oct 2015 19:57

Instrument :

BNA_F

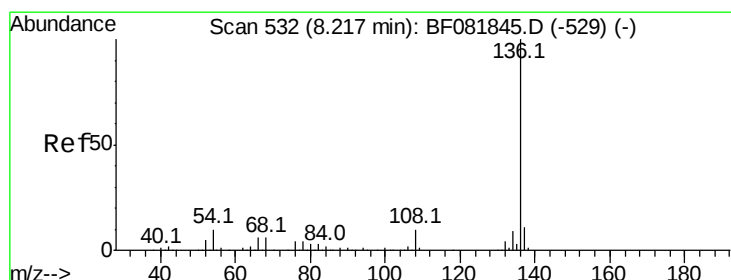
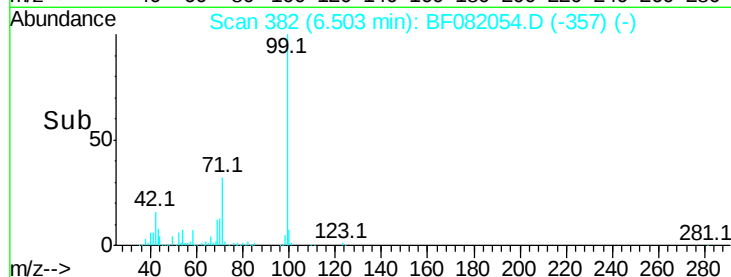
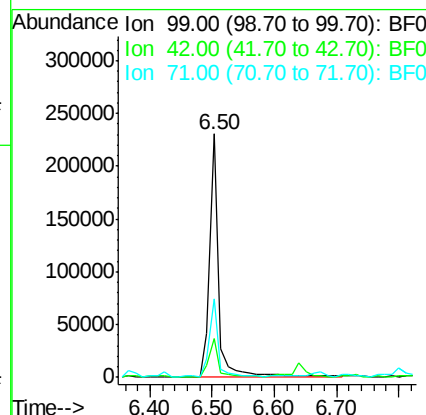
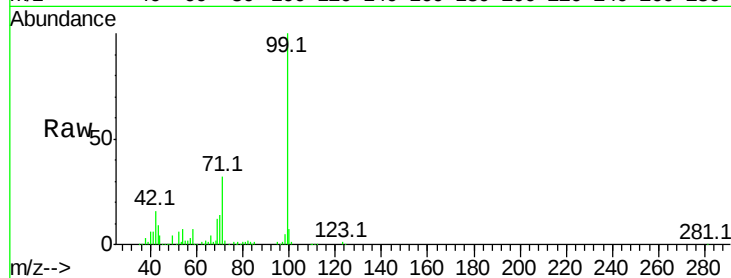
ClientSampleId :

SB-07-6.0-7.0-092915DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		239875		
42	16.1	13.7	20.5		
71	32.1	14.2	21.2#		

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#21

Naphthalene-d8

Concen: 20.00 ng

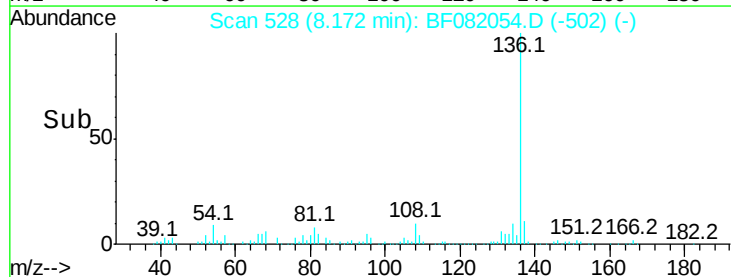
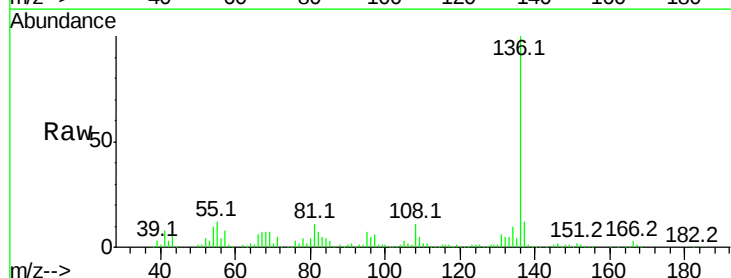
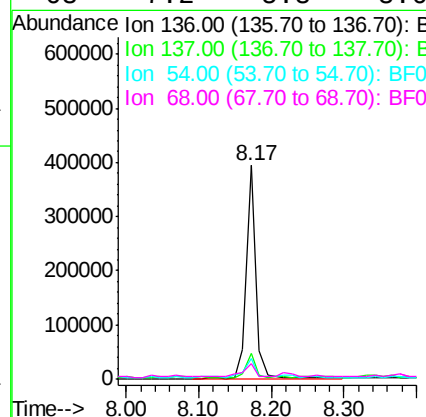
RT: 8.17 min Scan# 528

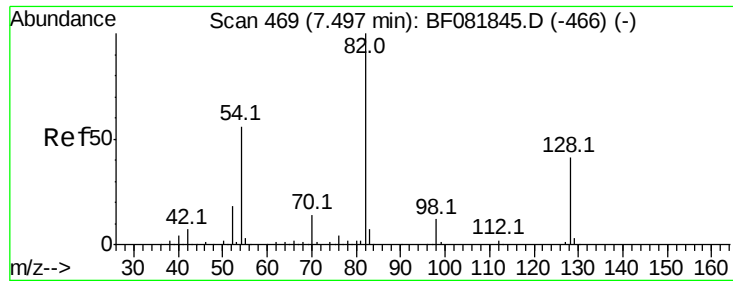
Delta R.T. -0.00 min

Lab File: BF082054.D

Acq: 5 Oct 2015 19:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		365903		
137	11.7	9.0	13.6		
54	9.7	8.2	12.2		
68	7.2	5.8	8.6		





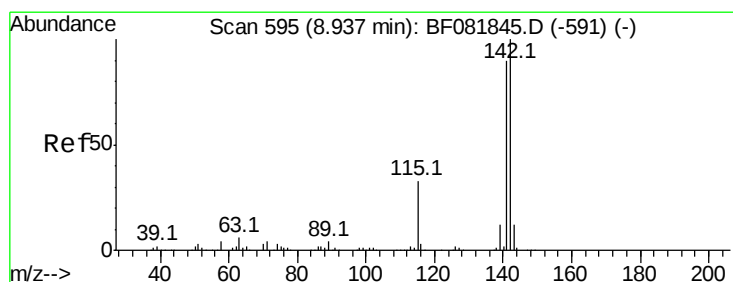
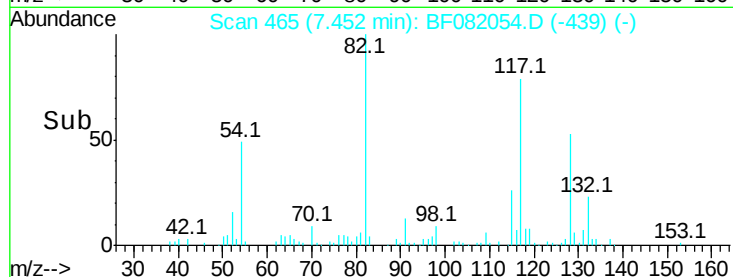
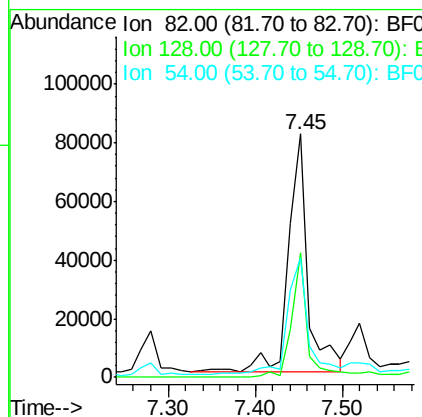
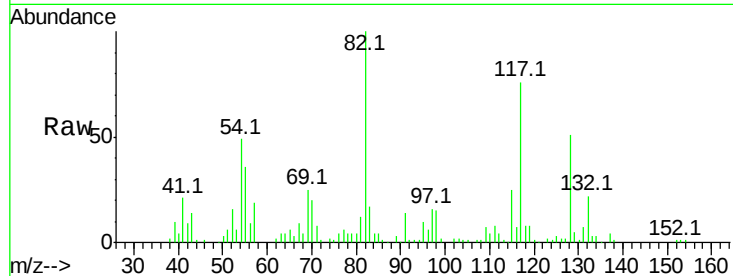
#23
Nitrobenzene-d5
Concen: 22.73 ng
RT: 7.45 min Scan# 465
Delta R.T. -0.00 min
Lab File: BF082054.D
Acq: 5 Oct 2015 19:57

Instrument :
BNA_F
ClientSampleId :
SB-07-6.0-7.0-092915DL

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	51.1	51.0	76.6	
54	49.1	47.5	71.3	

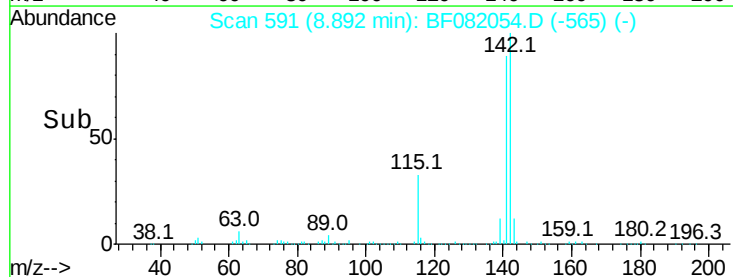
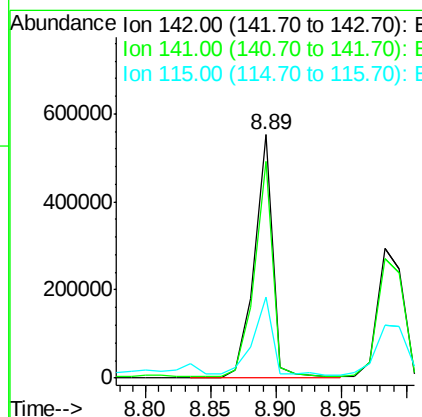
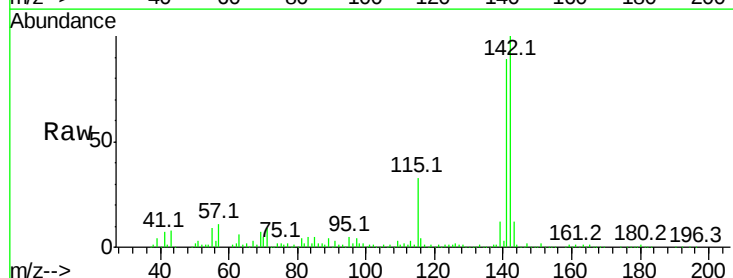
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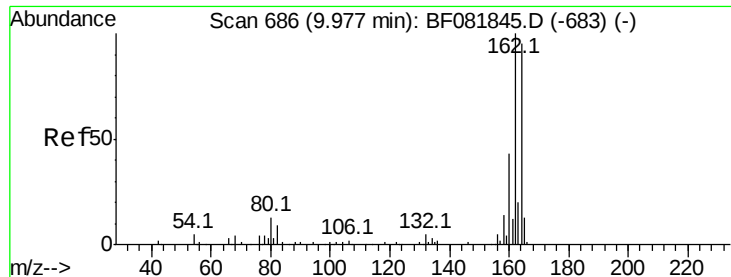
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10/6/2015 2:54:14 PM



#37
2-Methylnaphthalene
Concen: 48.93 ng
RT: 8.89 min Scan# 591
Delta R.T. -0.00 min
Lab File: BF082054.D
Acq: 5 Oct 2015 19:57

Tgt Ion	Ratio	Resp	Lower	Upper
142	100			
141	89.2	67.5	101.3	
115	33.4	18.2	27.2#	





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.93 min Scan# 682

Delta R.T. -0.00 min

Lab File: BF082054.D

Acq: 5 Oct 2015 19:57

Instrument :

BNA_F

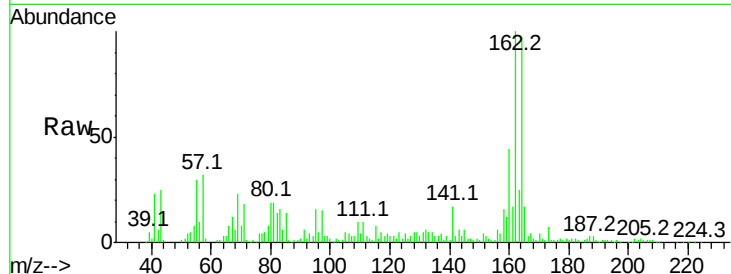
ClientSampleId :

SB-07-6.0-7.0-092915DL

Tot Ion:	164	Resp:	176728
Ion Ratio	Lower	Upper	
164	100		
162	102.9	75.2	112.8
160	45.0	31.5	47.3

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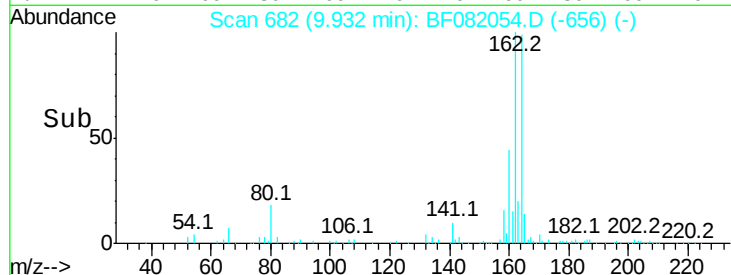


Abundance Ion 164.00 (163.70 to 164.70): E

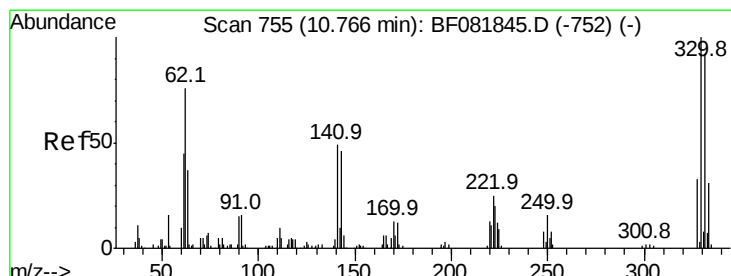
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

Time-->



Time-->



#41

2,4,6-Tribromophenol

Concen: 26.62 ng

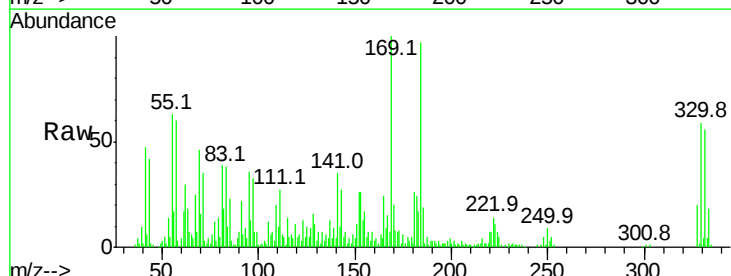
RT: 10.72 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF082054.D

Acq: 5 Oct 2015 19:57

Tgt Ion:	330	Resp:	47653
Ion Ratio	Lower	Upper	
330	100		
332	95.6	76.6	114.8
141	63.7	29.7	44.5#

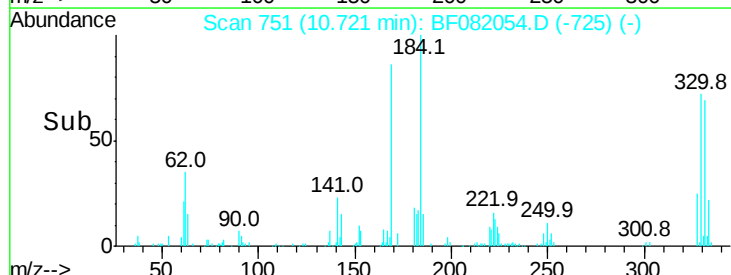


Abundance Ion 329.80 (329.50 to 330.50): E

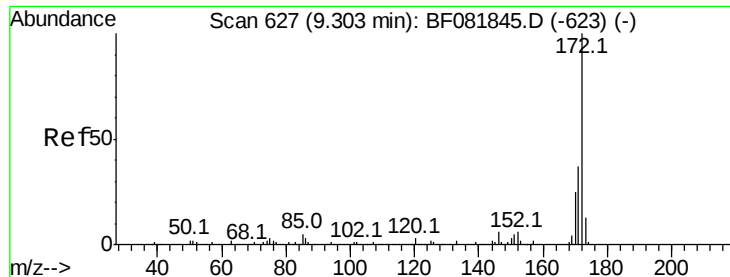
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

Time-->



Time-->



#44

2-Fluorobiphenyl

Concen: 18.77 ng

RT: 9.25 min Scan# 622

Delta R.T. -0.00 min

Lab File: BF082054.D

Acq: 5 Oct 2015 19:57

Instrument :

BNA_F

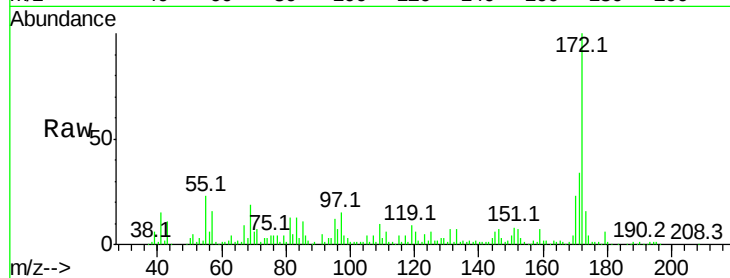
ClientSampleId :

SB-07-6.0-7.0-092915DL

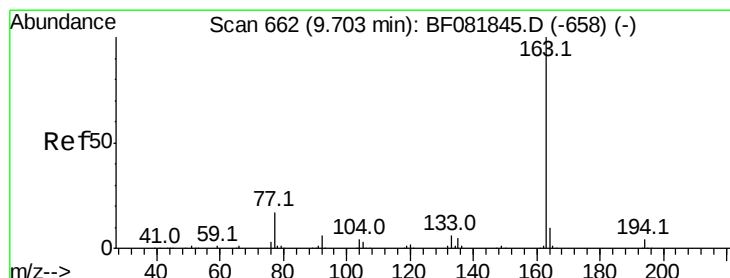
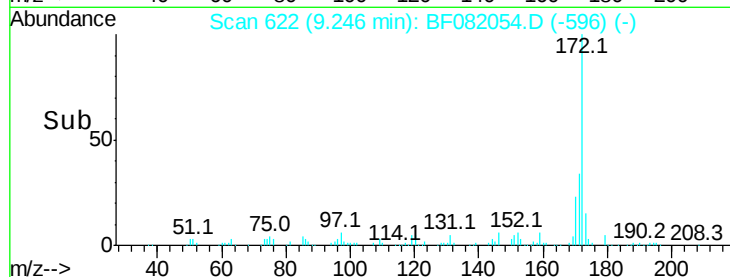
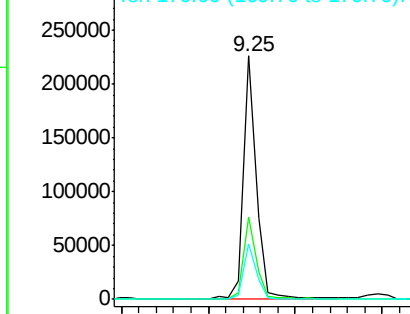
Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	34.0	26.1	39.1	
170	23.0	17.4	26.2	

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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: 5.00 ng

RT: 9.65 min Scan# 657

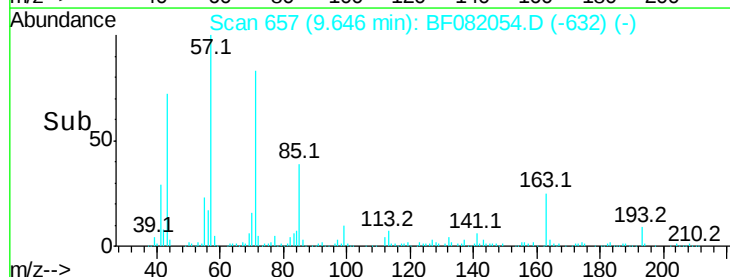
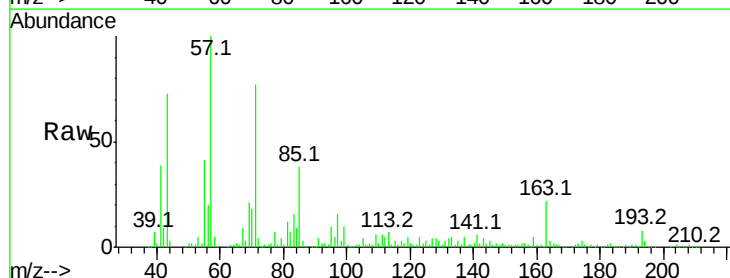
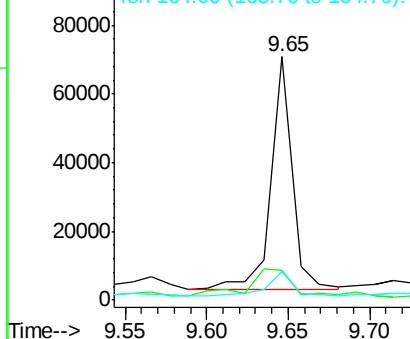
Delta R.T. -0.01 min

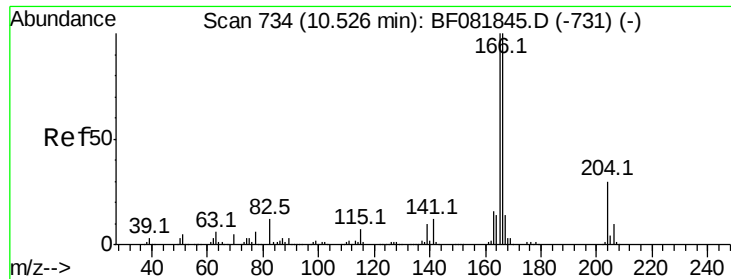
Lab File: BF082054.D

Acq: 5 Oct 2015 19:57

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	12.4	4.4	6.6#	
164	11.7	8.3	12.5	

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





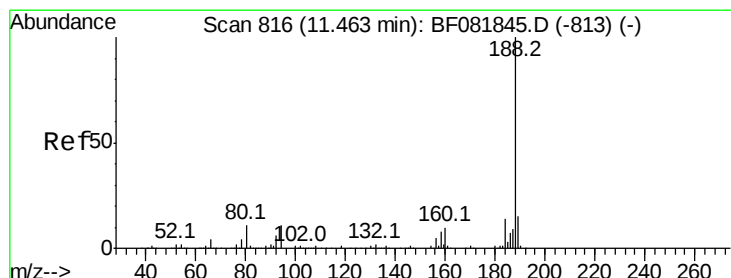
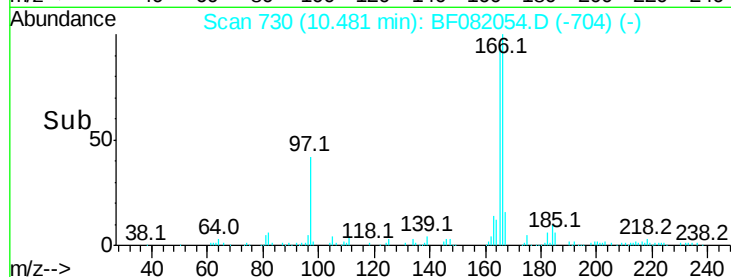
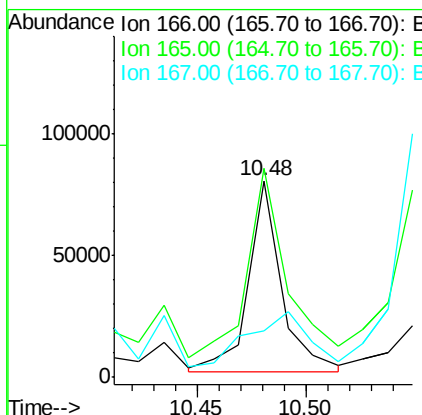
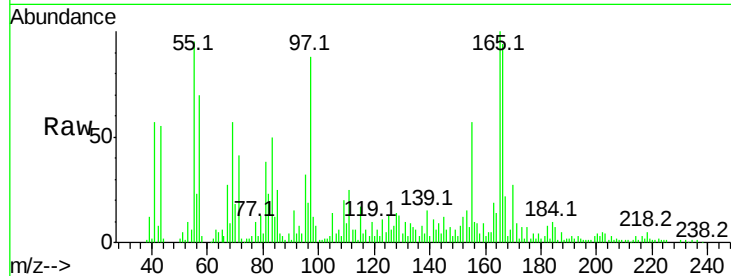
#57
Fluorene
Concen: 6.24 ng
RT: 10.48 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF082054.D
Acq: 5 Oct 2015 19:57

Instrument :
BNA_F
ClientSampleId :
SB-07-6.0-7.0-092915DL

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	106.2	72.6	109.0	
167	23.5	10.6	16.0	

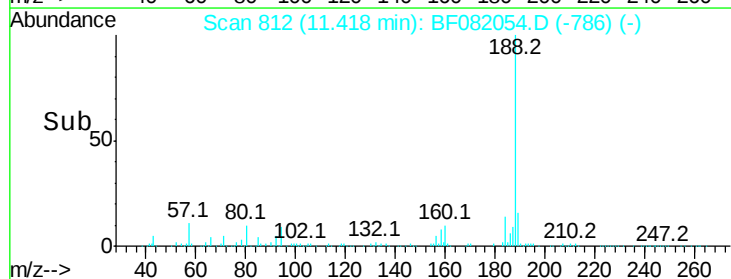
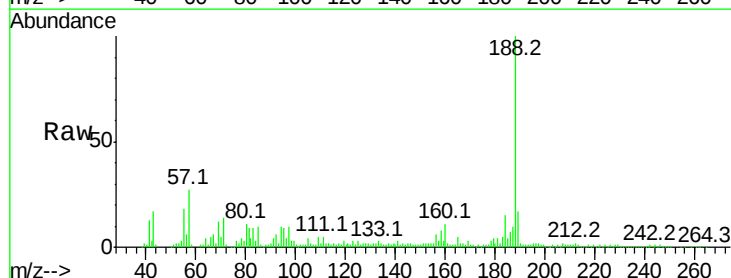
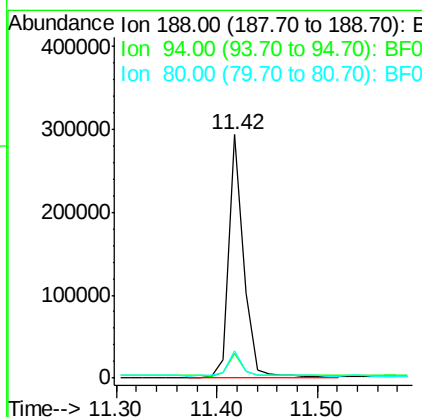
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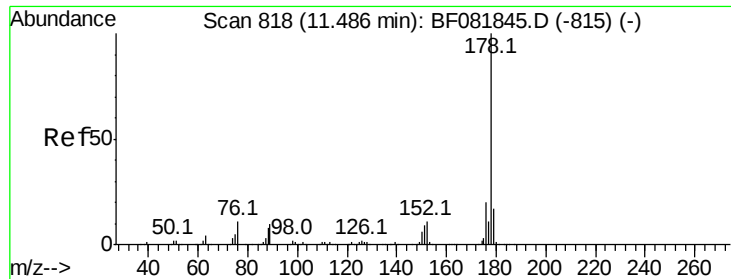
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF082054.D
Acq: 5 Oct 2015 19:57

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.2	11.1	16.7	
80	11.0	11.0	16.4	





#70

Phenanthrene

Concen: 15.12 ng

RT: 11.44 min Scan# 814

Delta R.T. -0.00 min

Lab File: BF082054.D

Acq: 5 Oct 2015 19:57

Instrument :

BNA_F

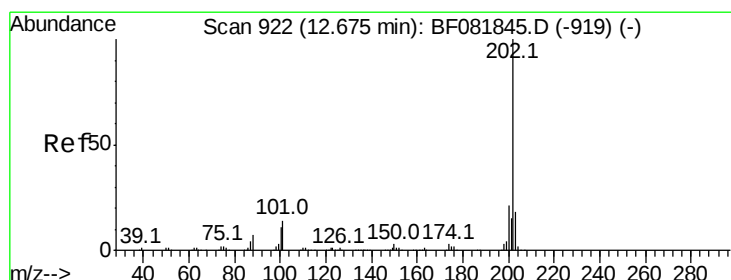
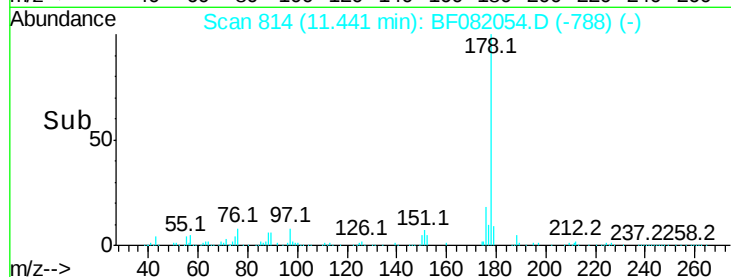
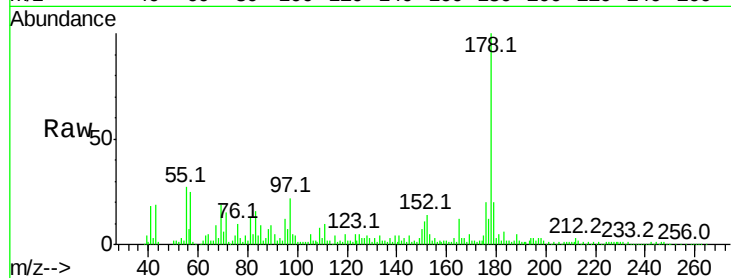
ClientSampleId :

SB-07-6.0-7.0-092915DL

Tot Ion:	178	Resp:	237079
Ion Ratio	Lower	Upper	
178	100		
176	19.5	13.8	20.8
179	20.4	12.2	18.2#

Manual Integrations
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#74

Fluoranthene

Concen: 2.05 ng

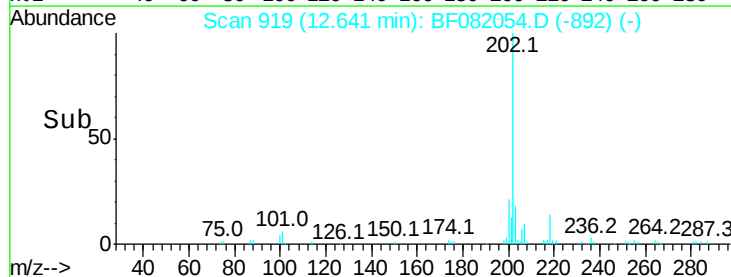
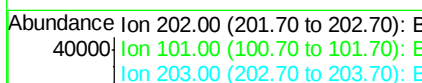
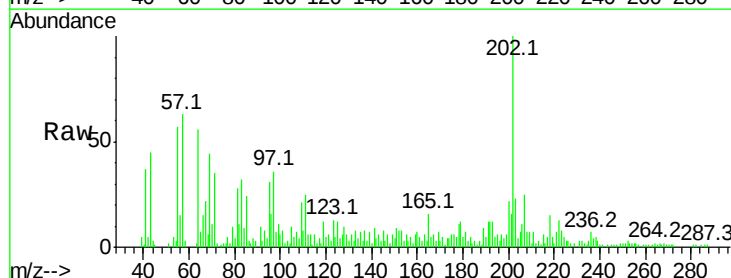
RT: 12.64 min Scan# 919

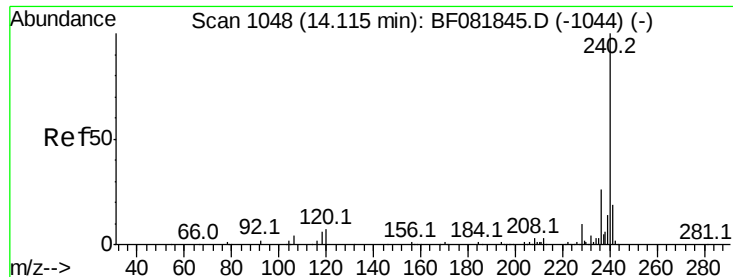
Delta R.T. 0.01 min

Lab File: BF082054.D

Acq: 5 Oct 2015 19:57

Tgt Ion:	202	Resp:	33372
Ion Ratio	Lower	Upper	
202	100		
101	8.0	0.0	38.3
203	22.7	0.0	37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BF082054.D

Acq: 5 Oct 2015 19:57

Instrument :

BNA_F

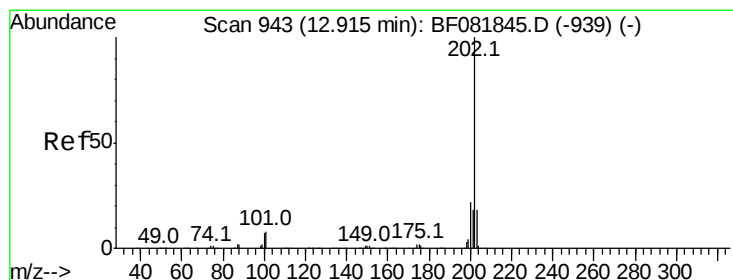
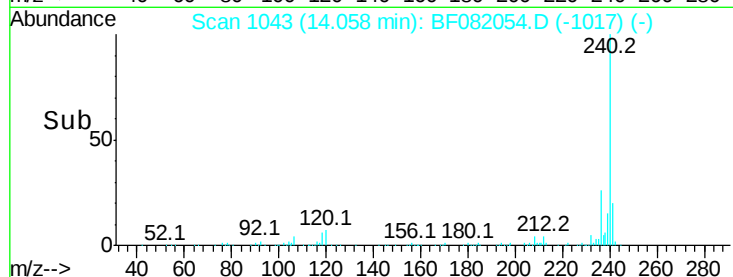
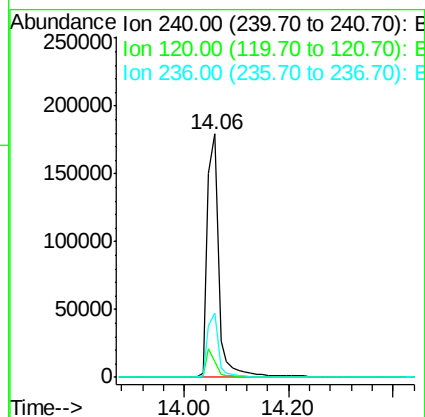
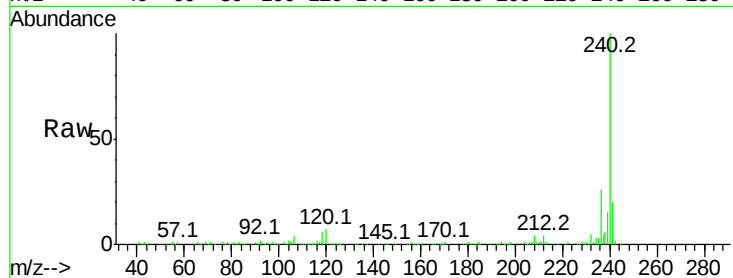
ClientSampleId :

SB-07-6.0-7.0-092915DL

Tot Ion:	240	Resp:	277418
Ion Ratio	Lower	Upper	
240	100		
120	6.7	16.2	24.2#
236	26.2	18.4	27.6

Manual Integrations
APPROVED

MMDadoda
10/6/2015 2:54:14 PM



#77

Pyrene

Concen: 2.57 ng

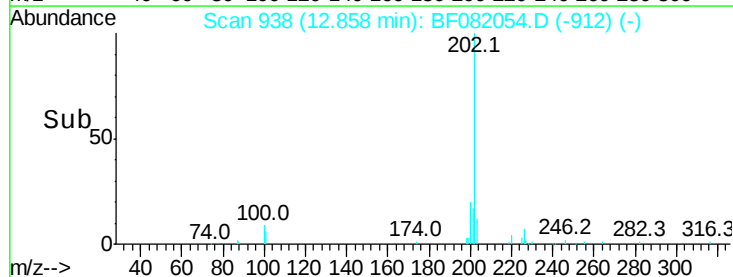
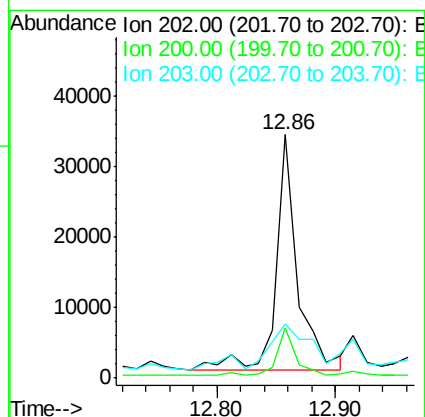
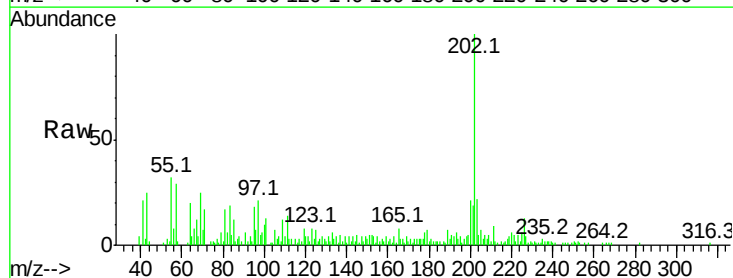
RT: 12.86 min Scan# 938

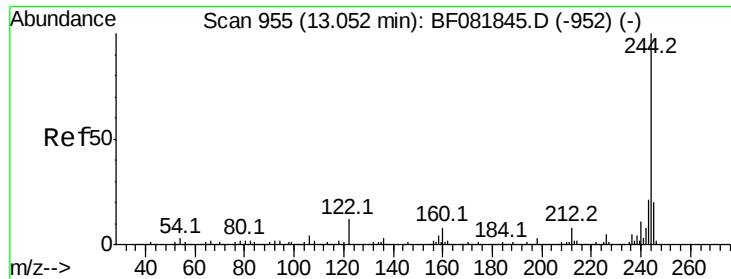
Delta R.T. -0.00 min

Lab File: BF082054.D

Acq: 5 Oct 2015 19:57

Tgt Ion:	202	Resp:	42608
Ion Ratio	Lower	Upper	
202	100		
200	20.9	15.0	22.4
203	22.1	14.1	21.1#





#78

Terphenyl-d14

Concen: 20.93 ng

RT: 13.00 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF082054.D

Acq: 5 Oct 2015 19:57

Instrument :

BNA_F

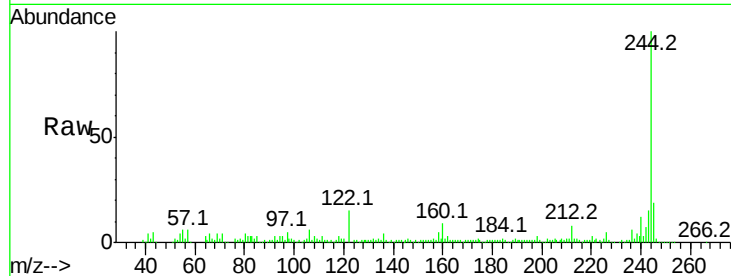
ClientSampleId :

SB-07-6.0-7.0-092915DL

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.9	4.3	6.5#
122	14.6	17.4	26.2#

Manual Integrations
APPROVED

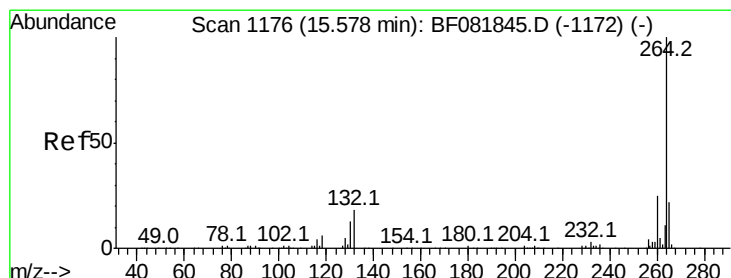
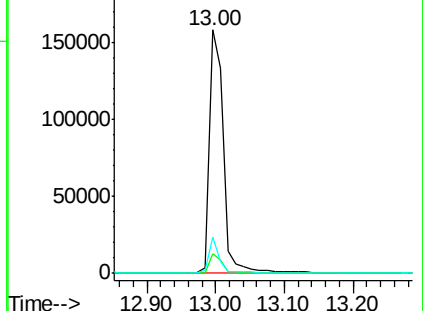
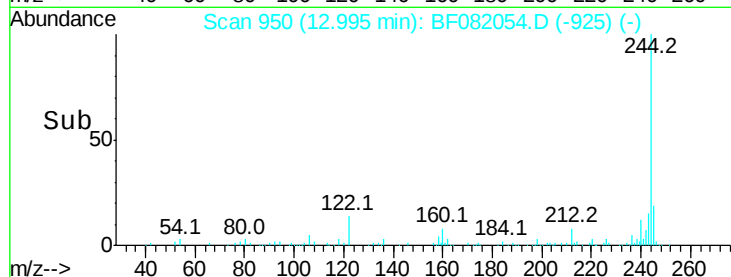
MMDadoda
10/6/2015 2:54:14 PM



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

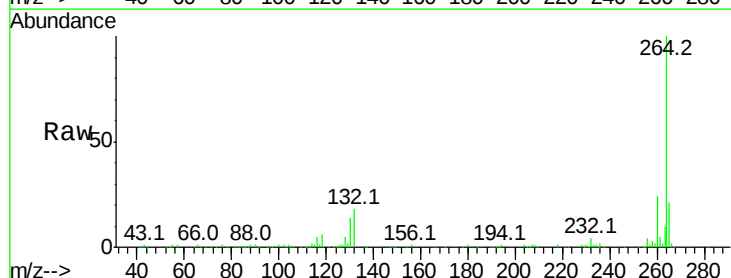
RT: 15.50 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF082054.D

Acq: 5 Oct 2015 19:57

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	16.7	25.1
265	21.5	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

