

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102215\
 Data File : BF082464.D
 Acq On : 23 Oct 2015 00:22
 Operator : UM/IZ
 Sample : G4119-17
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB15-08-15.5-16

Manual Integrations
 APPROVED

mmdadoda
 10/23/2015 4:45:31 PM

Quant Time: Oct 23 11:37:01 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 23 01:26:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	94679m	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	348621	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	147342	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	214942	20.00	ng	0.01
75) Chrysene-d12	13.99	240	187356	20.00	ng	-0.01
86) Perylene-d12	15.45	264	139398	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	425692	90.74	ng	0.00
7) Phenol-d6	6.42	99	555249	90.95	ng	0.00
23) Nitrobenzene-d5	7.34	82	276009	53.17	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	76489	55.35	ng	0.01
44) 2-Fluorobiphenyl	9.13	172	456837	51.42	ng	-0.01
78) Terphenyl-d14	12.91	244	305320	43.18	ng	0.02
Target Compounds						
37) 2-Methylnaphthalene	8.77	142	22918	2.19	ng	# 86
49) Dimethylphthalate	9.53	163	140197	13.51	ng	# 96
74) Fluoranthene	12.54	202	136020	12.02	ng	65
77) Pyrene	12.78	202	443676m	39.90	ng	
85) Indeno(1,2,3-cd)pyrene	16.86	276	19614	2.40	ng	# 87
91) Benzo(g,h,i)perylene	17.29	276	37805	6.52	ng	# 70

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

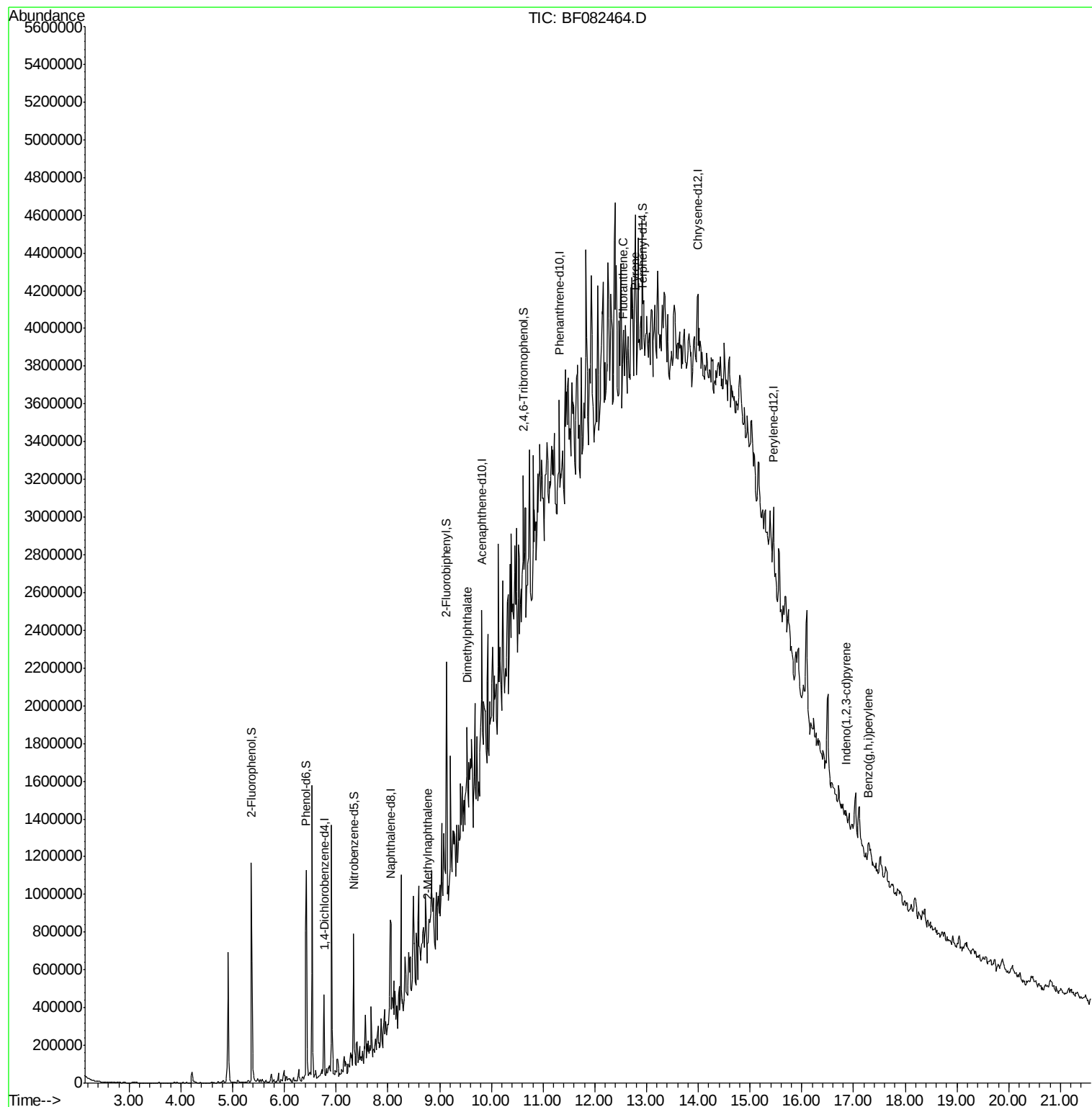
Data Path : Z:\HPCHEM1\BNA F\DATA\BF102215\
Data File : BF082464.D
Acq On : 23 Oct 2015 00:22
Operator : UM/IZ
Sample : G4119-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

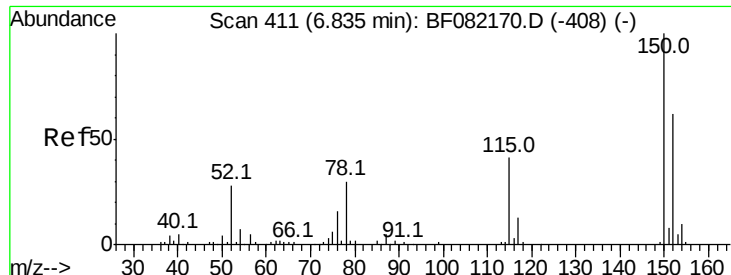
Instrument :
BNA_F
ClientSampleId :
SB15-08-15.5-16

Manual Integrations
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Quant Time: Oct 23 11:37:01 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 23 01:26:32 2015
Response via : Initial Calibration





#1

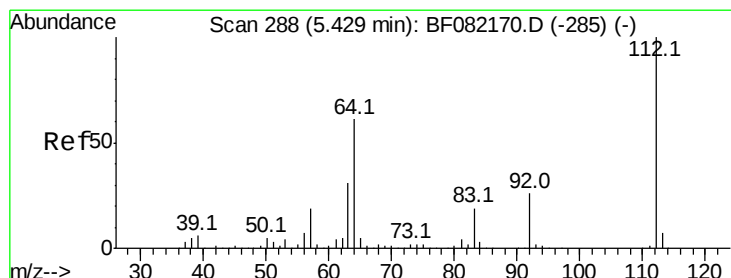
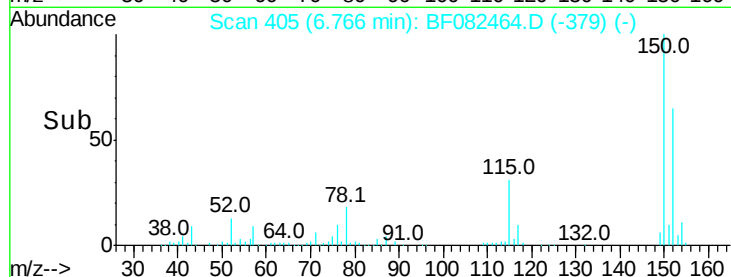
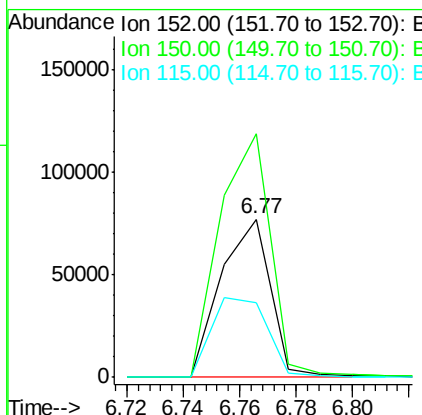
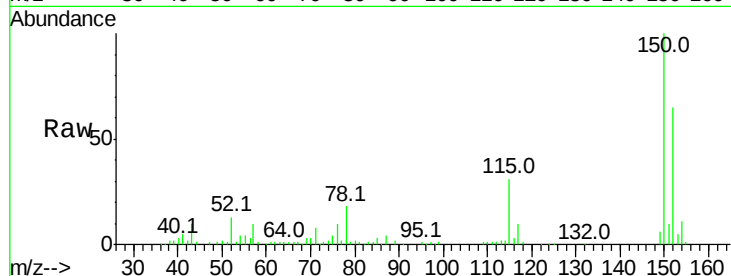
1,4-Dichlorobenzene-d4
Concen: 20.00 ng/mL
RT: 6.77 min Scan# 405
Delta R.T. -0.00 min
Lab File: BF082464.D
Acq: 23 Oct 2015 00:22

Instrument :
BNA_F
ClientSampleId :
SB15-08-15.5-16

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	129.0	193.4
115	47.3	52.1	78.1#

Manual Integrations
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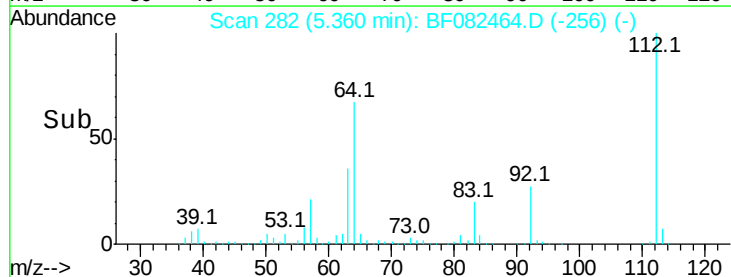
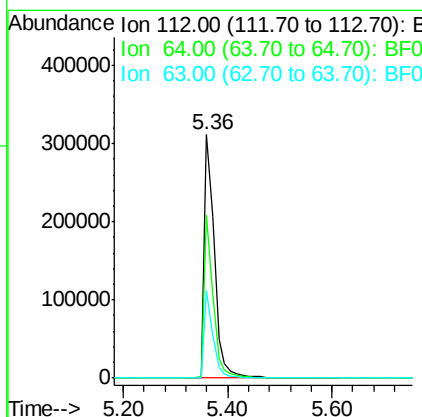
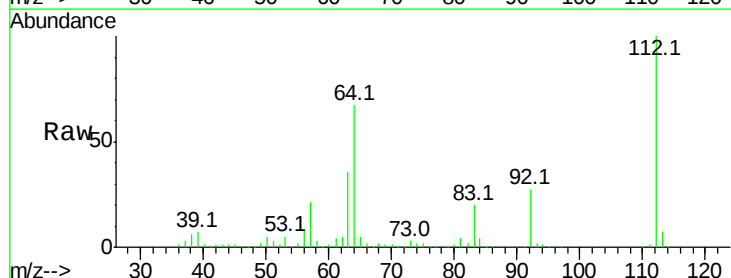
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#5

2-Fluorophenol
Concen: 90.74 ng
RT: 5.36 min Scan# 282
Delta R.T. -0.00 min
Lab File: BF082464.D
Acq: 23 Oct 2015 00:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.0	48.6	73.0
63	35.8	25.1	37.7





#7

Phenol-d6

Concen: 90.95 ng

RT: 6.42 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF082464.D

Acq: 23 Oct 2015 00:22

Instrument :

BNA_F

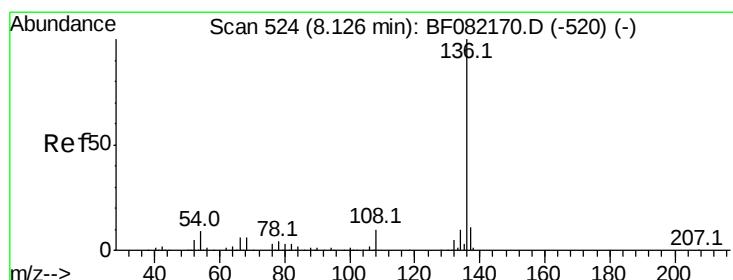
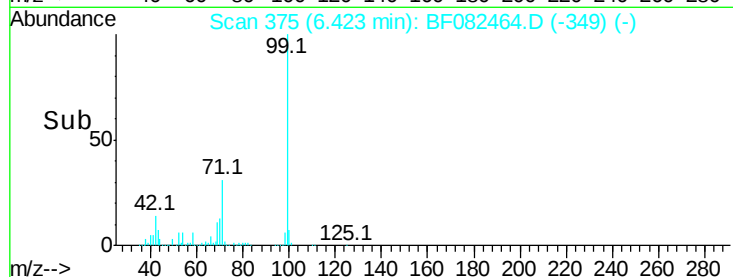
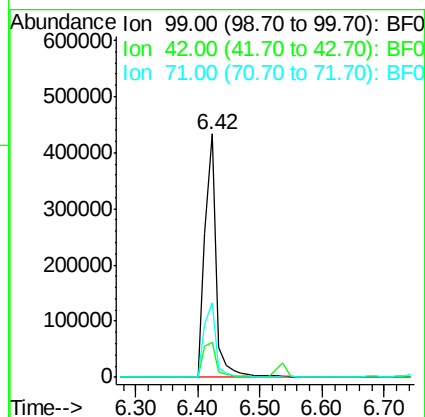
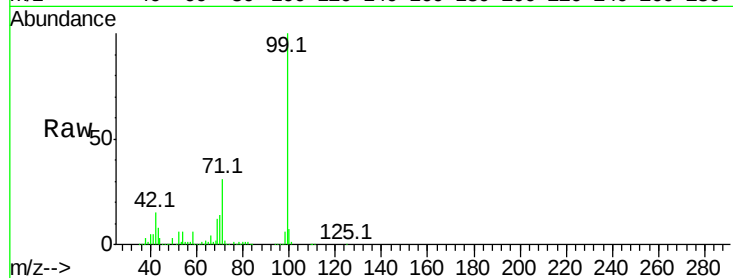
ClientSampleId :

SB15-08-15.5-16

Tot Ion	99	Resp	555249
Ion Ratio	Lower	Upper	
99	100		
42	14.5	13.2	19.8
71	30.6	25.6	38.4

Manual Integrations
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mmdadoda
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#21

Naphthalene-d8

Concen: 20.00 ng

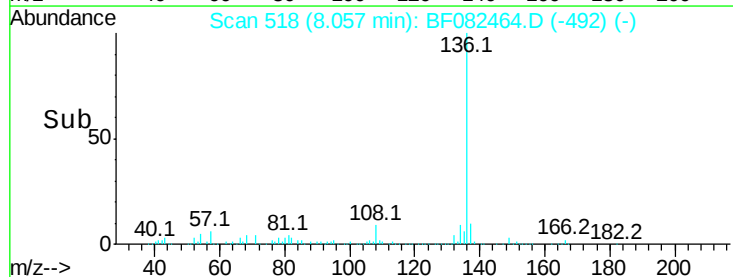
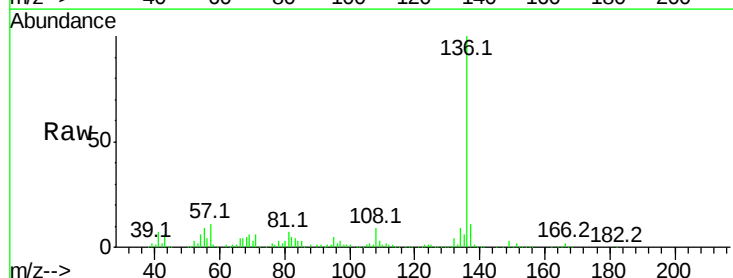
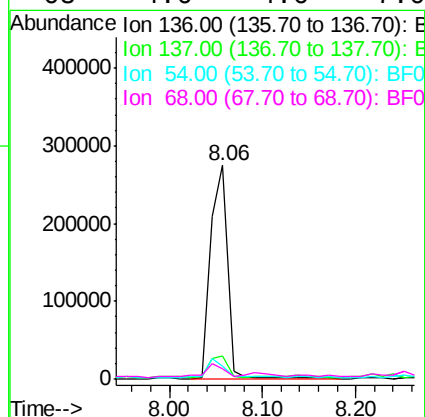
RT: 8.06 min Scan# 518

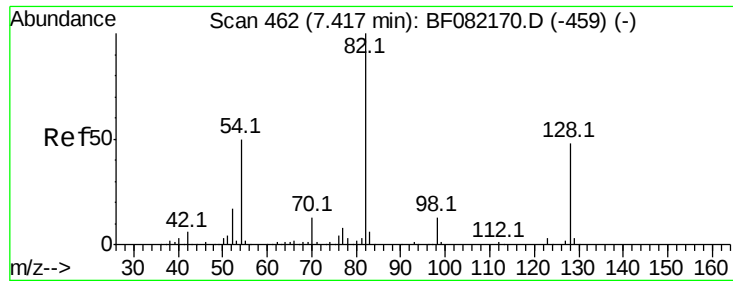
Delta R.T. -0.00 min

Lab File: BF082464.D

Acq: 23 Oct 2015 00:22

Tgt Ion	136	Resp	348621
Ion Ratio	Lower	Upper	
136	100		
137	10.7	9.0	13.6
54	6.2	7.5	11.3#
68	4.6	4.6	7.0#





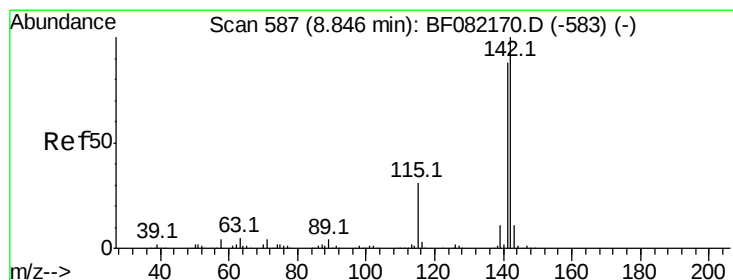
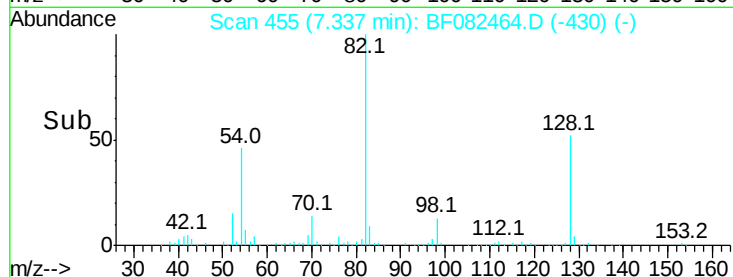
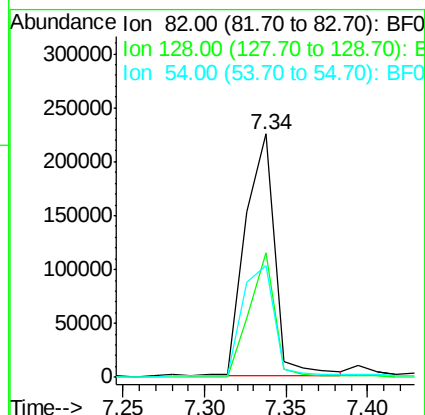
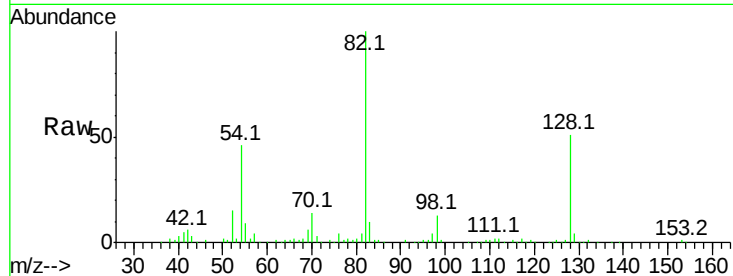
#23
Nitrobenzene-d5
Concen: 53.17 ng
RT: 7.34 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF082464.D
Acq: 23 Oct 2015 00:22

Instrument :
BNA_F
ClientSampleId :
SB15-08-15.5-16

Tot Ion	Ratio	Lower	Upper
82	100		
128	51.3	38.7	58.1
54	45.9	40.1	60.1

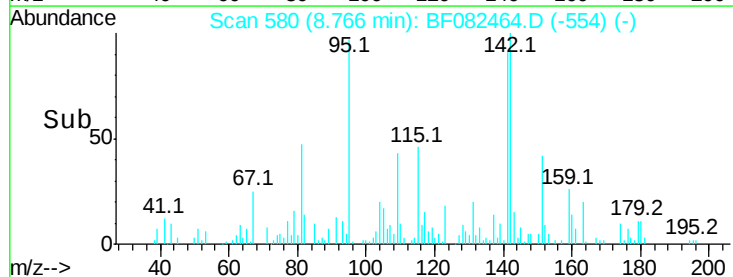
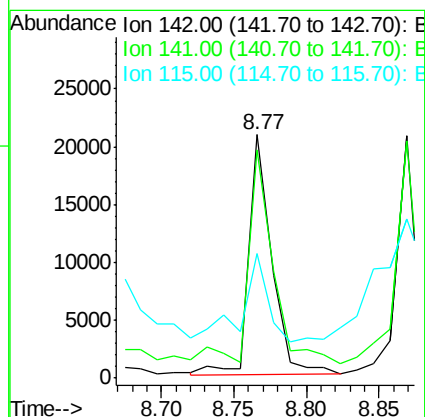
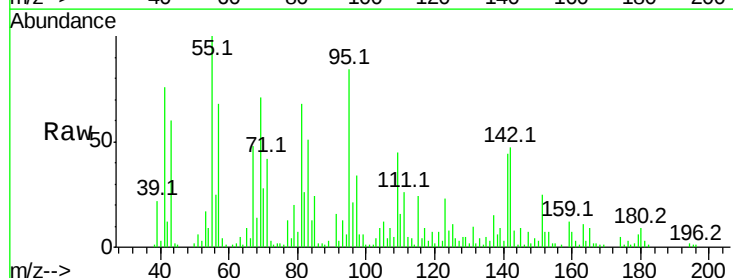
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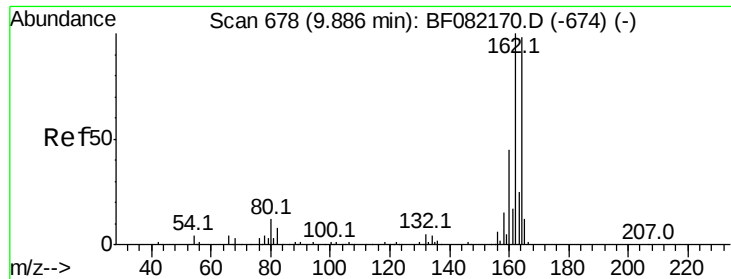
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#37
2-Methylnaphthalene
Concen: 2.19 ng
RT: 8.77 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF082464.D
Acq: 23 Oct 2015 00:22

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.6	70.4	105.6
115	51.2	24.6	37.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 672

Delta R.T. -0.00 min

Lab File: BF082464.D

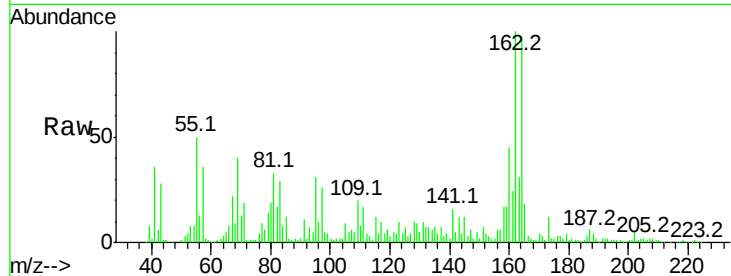
Acq: 23 Oct 2015 00:22

Instrument :

BNA_F

ClientSampleId :

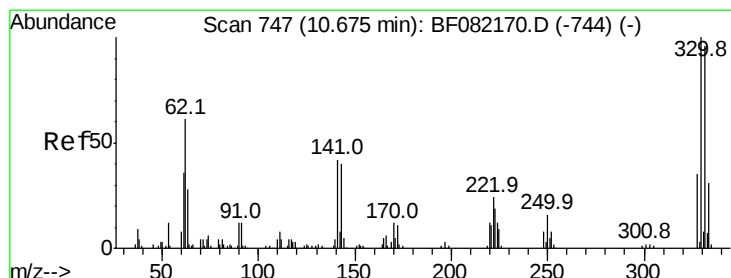
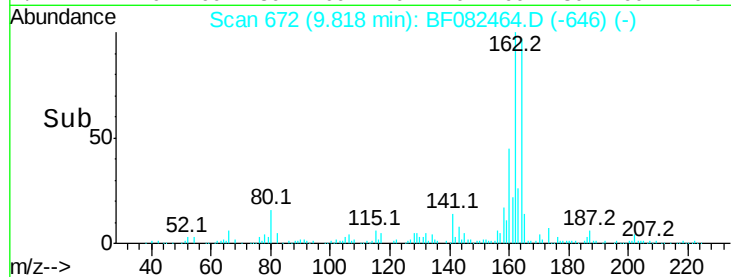
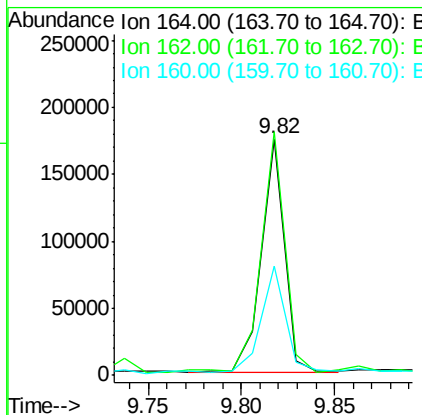
SB15-08-15.5-16



Tot Ion	164	Resp	147342
Ion Ratio	Lower	Upper	
164	100		
162	103.1	81.6	122.4
160	46.2	36.4	54.6

Manual Integrations
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#41

2,4,6-Tribromophenol

Concen: 55.35 ng

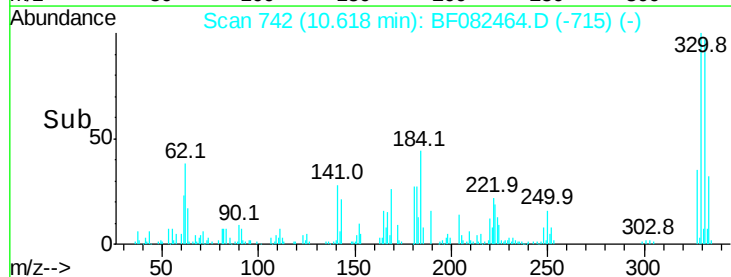
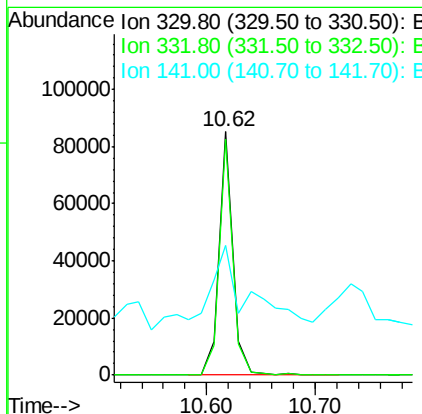
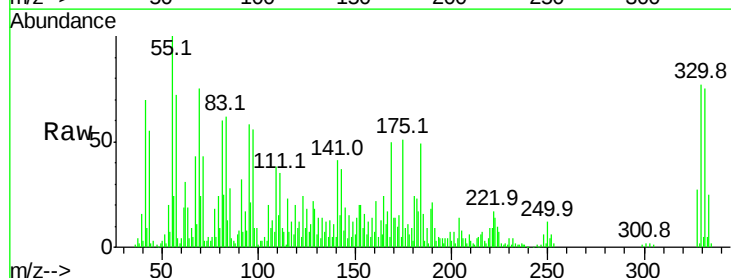
RT: 10.62 min Scan# 742

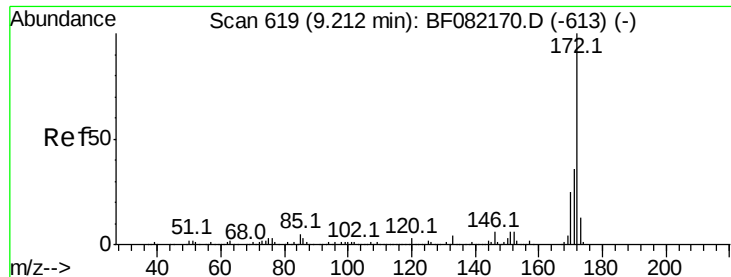
Delta R.T. 0.01 min

Lab File: BF082464.D

Acq: 23 Oct 2015 00:22

Tgt Ion	330	Resp	76489
Ion Ratio	Lower	Upper	
330	100		
332	95.6	77.1	115.7
141	73.9	29.8	44.8#





#44

2-Fluorobiphenyl

Concen: 51.42 ng

RT: 9.13 min Scan# 612

Delta R.T. -0.01 min

Lab File: BF082464.D

Acq: 23 Oct 2015 00:22

Instrument :

BNA_F

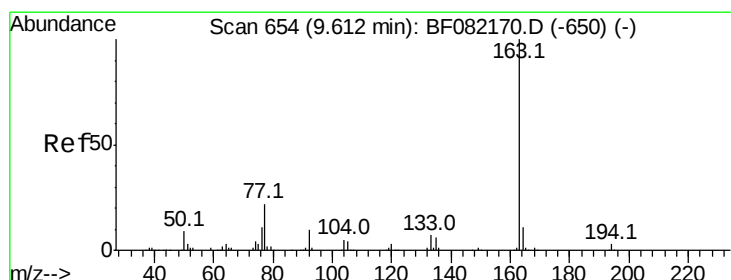
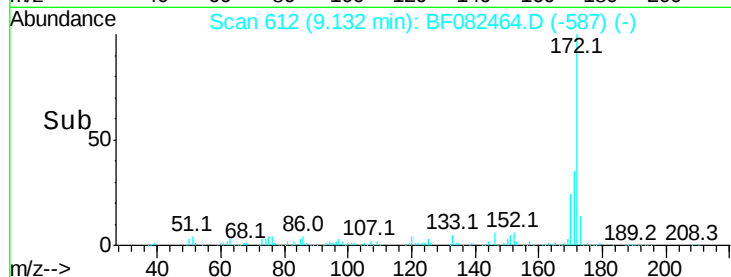
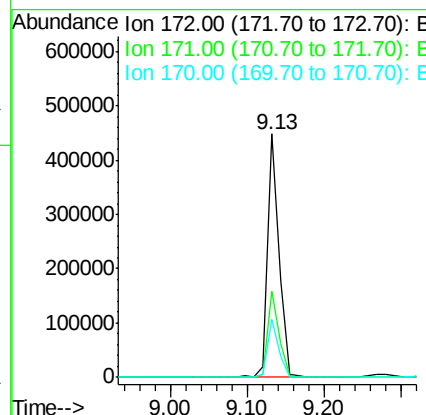
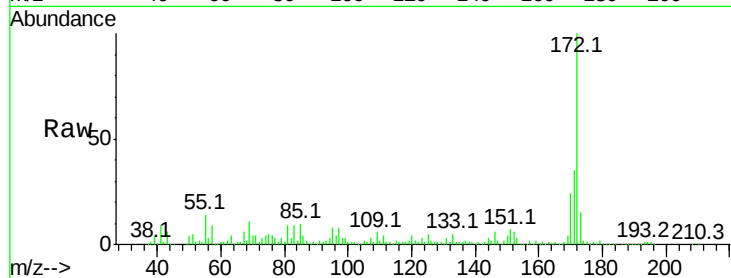
ClientSampleId :

SB15-08-15.5-16

Tot Ion:	172	Resp:	456837
Ion Ratio	Lower	Upper	
172	100		
171	35.5	28.6	42.8
170	23.8	19.7	29.5

Manual Integrations
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#49

Dimethylphthalate

Concen: 13.51 ng

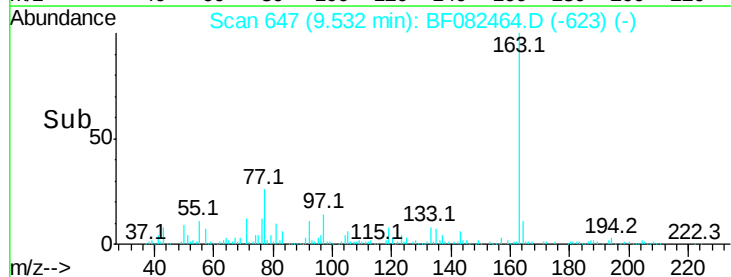
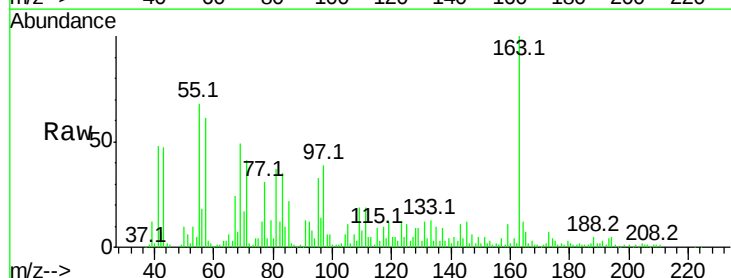
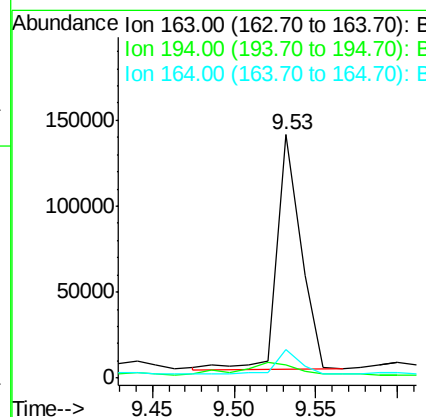
RT: 9.53 min Scan# 647

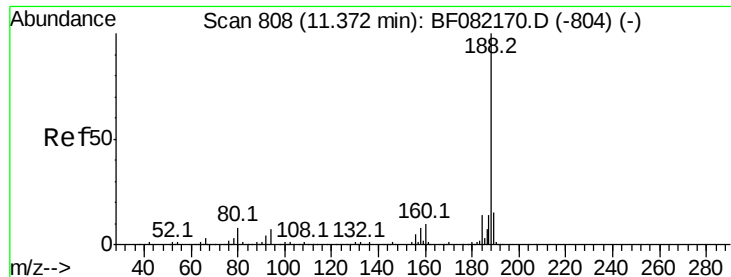
Delta R.T. -0.02 min

Lab File: BF082464.D

Acq: 23 Oct 2015 00:22

Tgt Ion:	163	Resp:	140197
Ion Ratio	Lower	Upper	
163	100		
194	5.3	2.6	4.0#
164	11.9	8.5	12.7





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.31 min Scan# 803

Delta R.T. 0.01 min

Lab File: BF082464.D

Acq: 23 Oct 2015 00:22

Instrument :

BNA_F

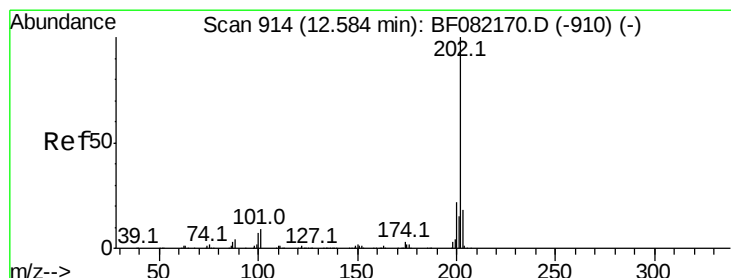
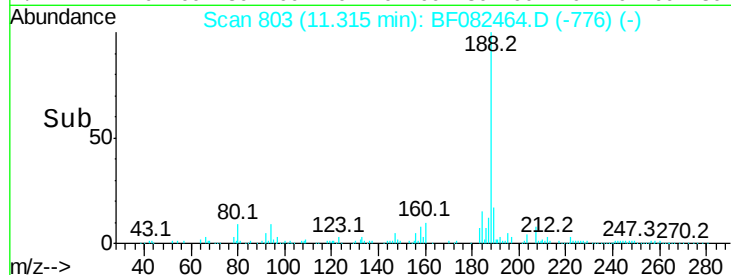
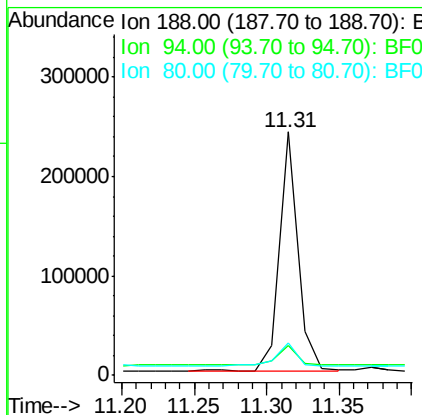
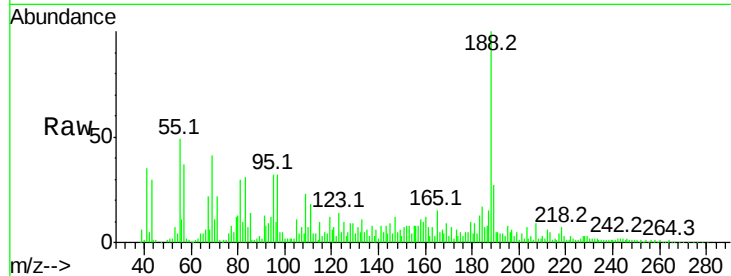
ClientSampleId :

SB15-08-15.5-16

Tot Ion:	188	Resp:	214942
Ion Ratio	Lower	Upper	
188	100		
94	12.5	5.8	8.6#
80	13.3	6.4	9.6#

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#74

Fluoranthene

Concen: 12.02 ng

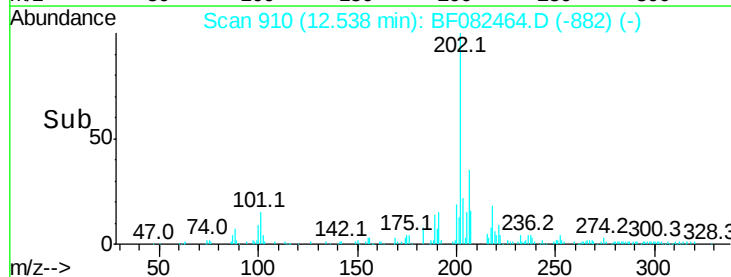
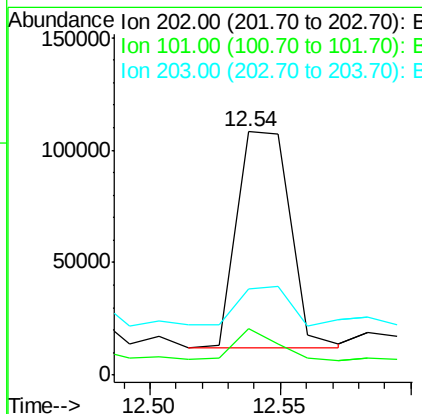
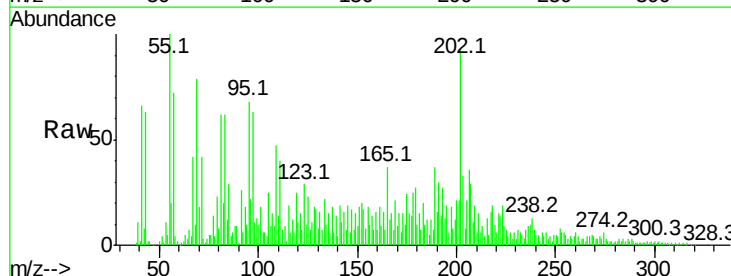
RT: 12.54 min Scan# 910

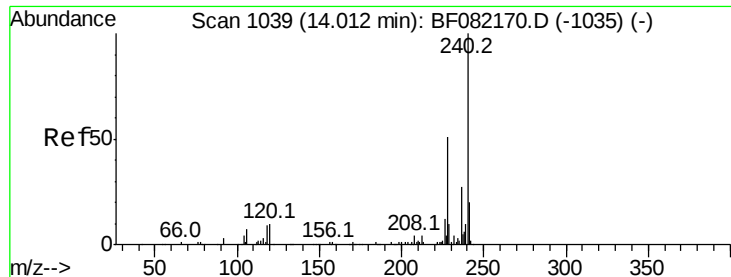
Delta R.T. 0.02 min

Lab File: BF082464.D

Acq: 23 Oct 2015 00:22

Tgt Ion:	202	Resp:	136020
Ion Ratio	Lower	Upper	
202	100		
101	18.9	0.0	29.3
203	35.6	0.0	37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF082464.D

Acq: 23 Oct 2015 00:22

Instrument :

BNA_F

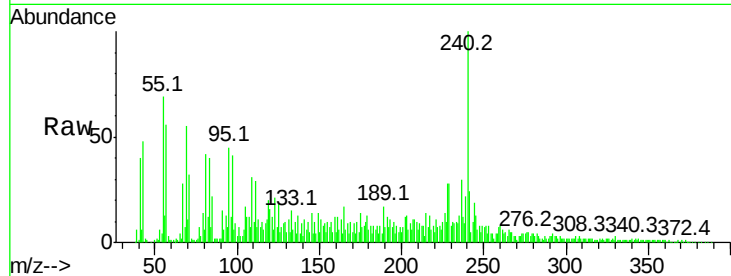
ClientSampleId :

SB15-08-15.5-16

Tot Ion:	240	Resp:	187356
Ion Ratio	Lower	Upper	
240	100		
120	15.6	8.1	12.1#
236	30.2	21.3	31.9

Manual Integrations
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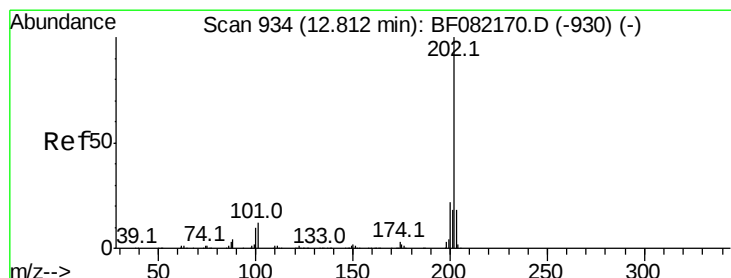
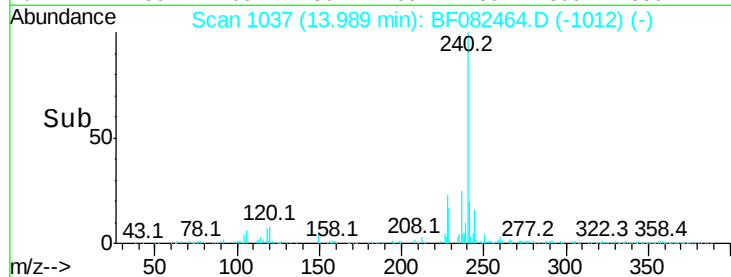
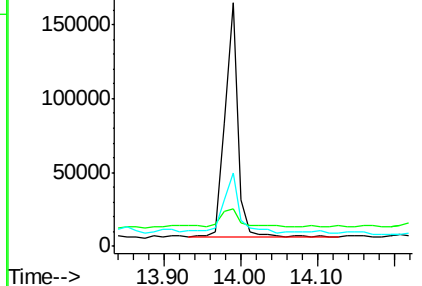
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 39.90 ng m

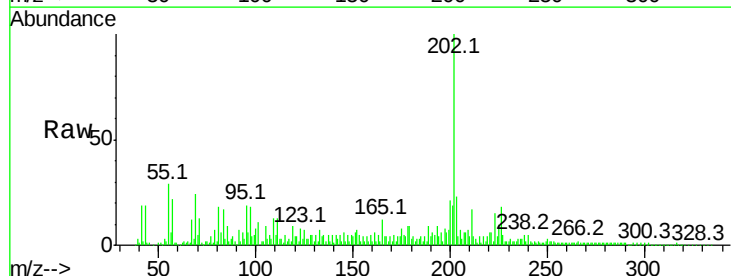
RT: 12.78 min Scan# 931

Delta R.T. 0.03 min

Lab File: BF082464.D

Acq: 23 Oct 2015 00:22

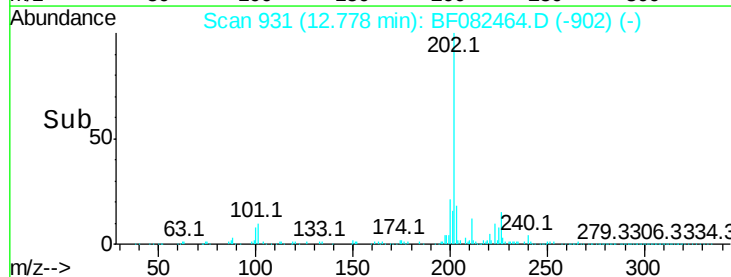
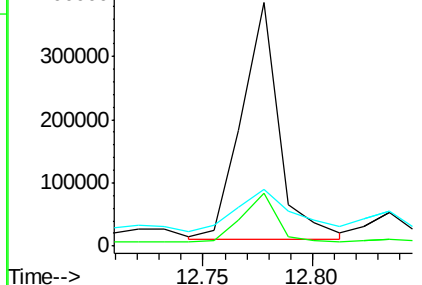
Tgt Ion:	202	Resp:	443676
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.9	26.9
203	23.4	14.5	21.7#

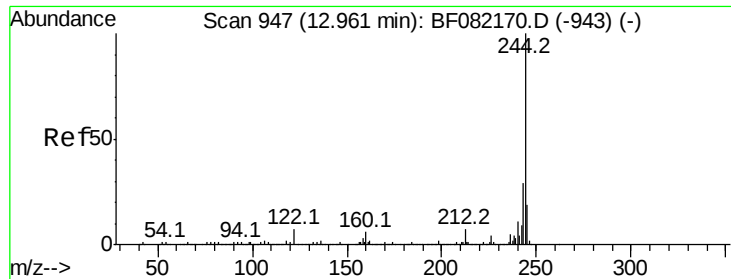


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 43.18 ng

RT: 12.91 min Scan# 943

Delta R.T. 0.02 min

Lab File: BF082464.D

Acq: 23 Oct 2015 00:22

Instrument :

BNA_F

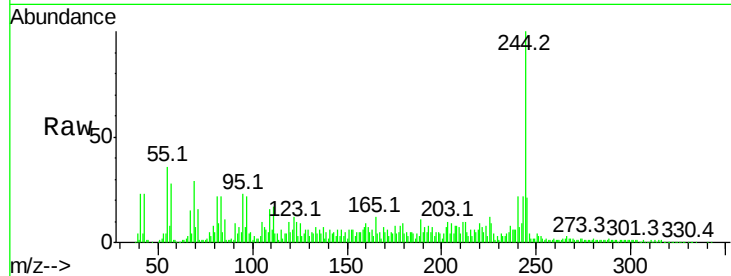
ClientSampleId :

SB15-08-15.5-16

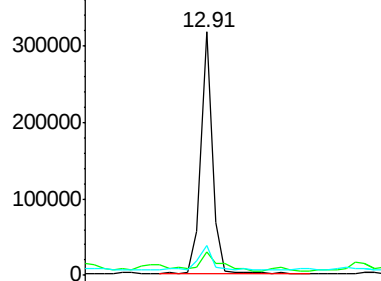
Tot Ion:	244	Resp:	305320
Ion Ratio	Lower	Upper	
244	100		
212	9.5	5.8	8.6#
122	12.5	5.9	8.9#

Manual Integrations
APPROVED

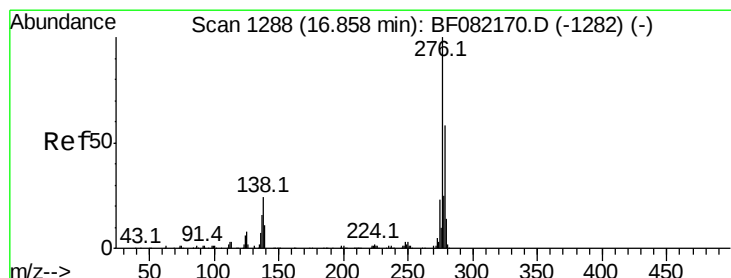
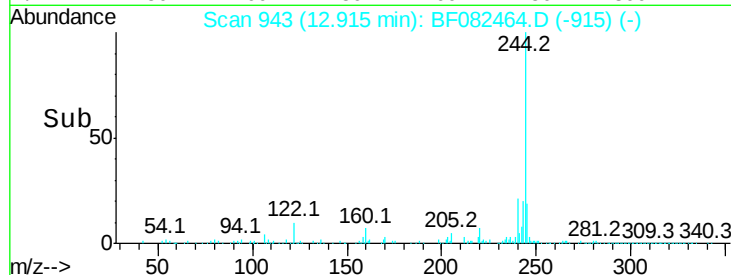
mmdadoda
10/23/2015 4:45:31 PM



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



Time-->



#85

Indeno(1,2,3-cd)pyrene

Concen: 2.40 ng

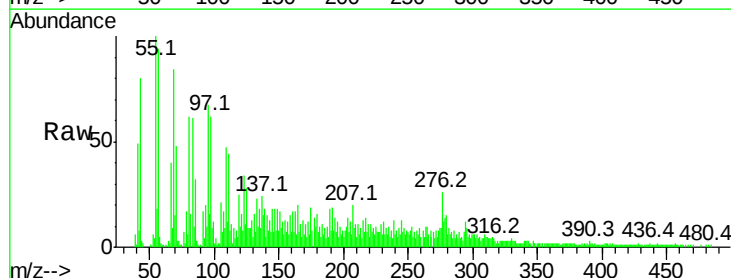
RT: 16.86 min Scan# 1288

Delta R.T. -0.08 min

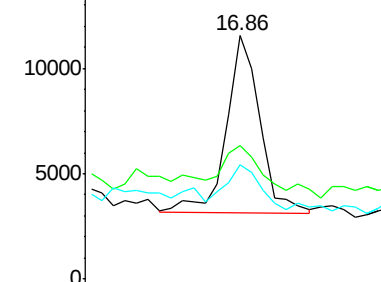
Lab File: BF082464.D

Acq: 23 Oct 2015 00:22

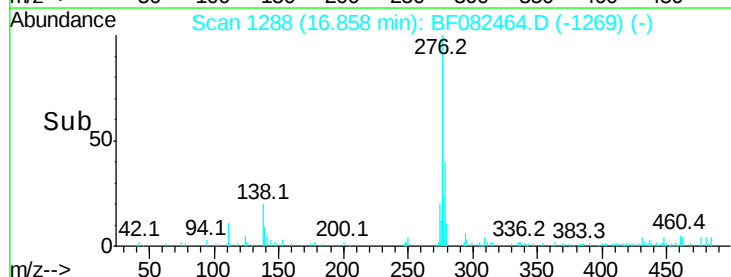
Tgt Ion:	276	Resp:	19614
Ion Ratio	Lower	Upper	
276	100		
138	37.2	19.7	29.5#
277	24.7	20.1	30.1

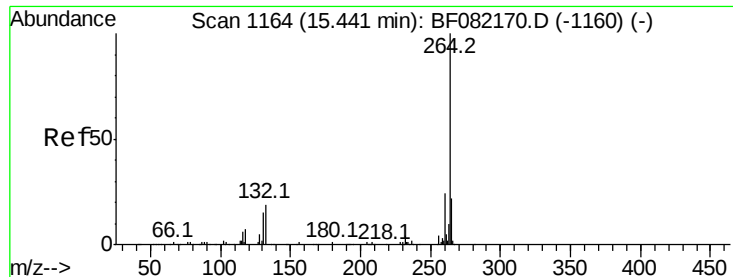


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



Time-->





#86

Pervlene-d12

Concen: 20.00 ng

RT: 15.45 min Scan# 1165

Delta R.T. -0.08 min

Lab File: BF082464.D

Acq: 23 Oct 2015 00:22

Instrument :

BNA_F

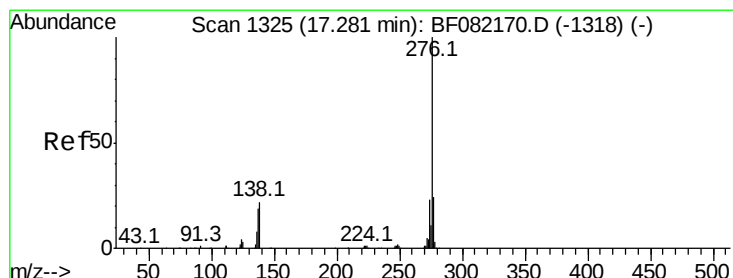
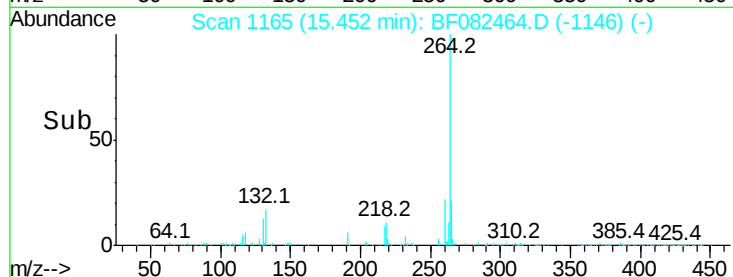
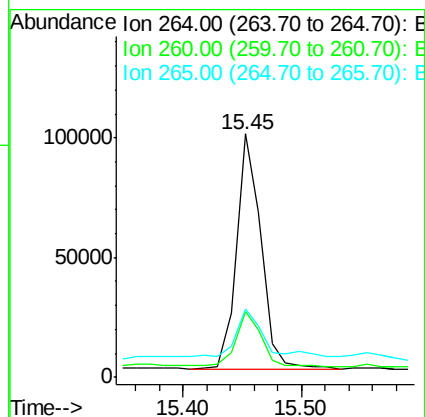
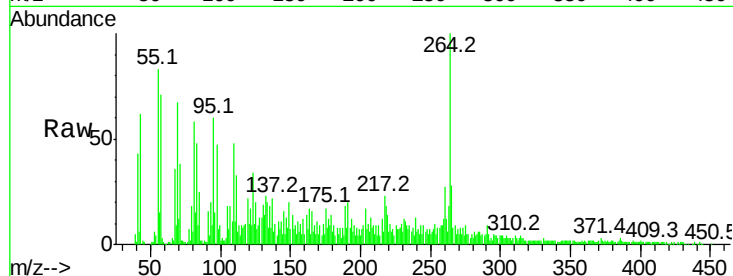
ClientSampleId :

SB15-08-15.5-16

Tot Ion:	264	Resp:	139398
Ion Ratio	Lower	Upper	
264	100		
260	27.0	19.0	28.6
265	28.3	17.3	25.9#

Manual Integrations
APPROVED

mmdadoda
10/23/2015 4:45:31 PM



#91

Benzo(g,h,i)perylene

Concen: 6.52 ng

RT: 17.29 min Scan# 1326

Delta R.T. -0.06 min

Lab File: BF082464.D

Acq: 23 Oct 2015 00:22

Tgt Ion:	276	Resp:	37805
Ion Ratio	Lower	Upper	
276	100		
277	37.5	18.8	28.2#
138	36.7	17.4	26.2#

