

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101315\
 Data File : BF082248.D
 Acq On : 13 Oct 2015 7:31
 Operator : UM/IZ
 Sample : G3928-06
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OS-SB-22(46-48)A

Manual Integrations
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MMdadoda
 10/13/2015 1:25:28 PM

Quant Time: Oct 13 08:15:53 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 01:46:21 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	72806m	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	291829	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	158573	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	308684	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	278753	20.00	ng	-0.01
86) Perylene-d12	15.44	264	219606	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	516530	143.19	ng	0.00
7) Phenol-d6	6.47	99	682440	145.37	ng	-0.01
23) Nitrobenzene-d5	7.41	82	344881	79.36	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	186467	125.39	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	753169	78.77	ng	-0.01
78) Terphenyl-d14	12.95	244	718828	68.33	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	8.14	128	46141	3.65	ng	99
49) Dimethylphthalate	9.59	163	161835	14.49	ng	100
70) Phenanthrene	11.38	178	34734	2.30	ng	100
74) Fluoranthene	12.57	202	47372	2.92	ng	100
77) Pyrene	12.80	202	66791	4.04	ng	97
83) Bis(2-ethylhexyl)phthalate	13.98	149	107823	10.01	ng	# 98
85) Indeno(1,2,3-cd)pyrene	16.84	276	25212	2.08	ng	95
87) Benzo(b)fluoranthene	15.03	252	41889m	3.14	ng	
89) Benzo(a)pyrene	15.37	252	37086	3.23	ng	98
91) Benzo(g,h,i)perylene	17.26	276	24448	2.67	ng	99

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

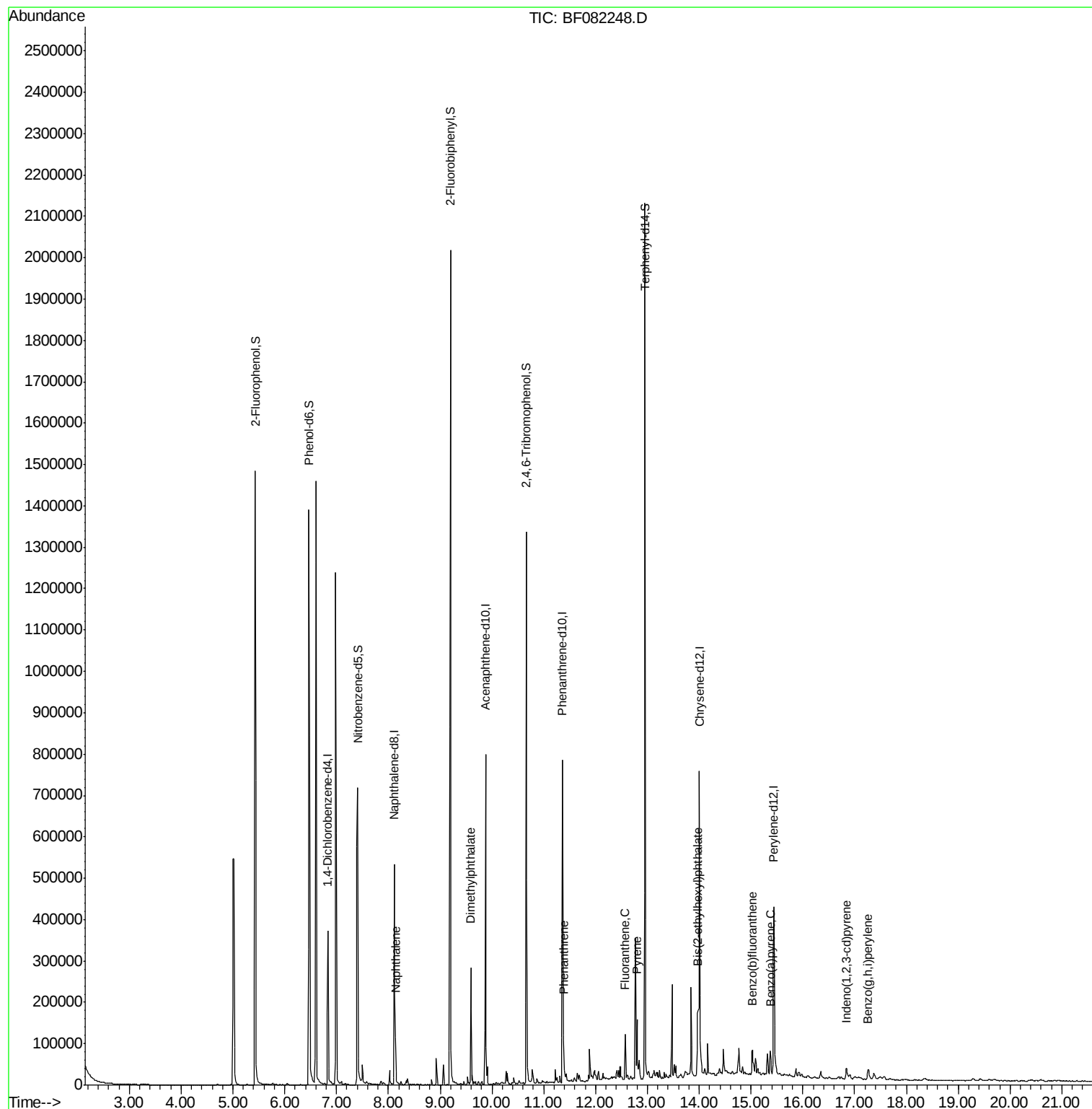
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101315\
Data File : BF082248.D
Acq On : 13 Oct 2015 7:31
Operator : UM/IZ
Sample : G3928-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

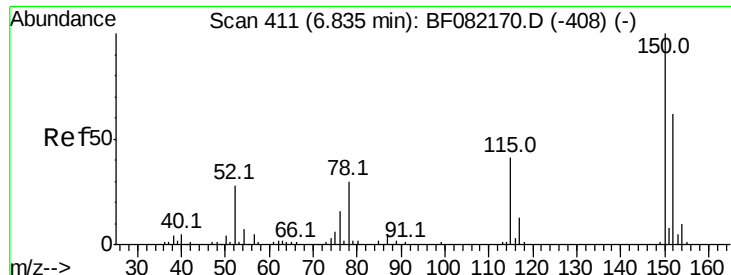
Instrument :
BNA_F
ClientSampleId :
OS-SB-22(46-48)A

Manual Integrations
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Quant Time: Oct 13 08:15:53 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 12 01:46:21 2015
Response via : Initial Calibration





#1

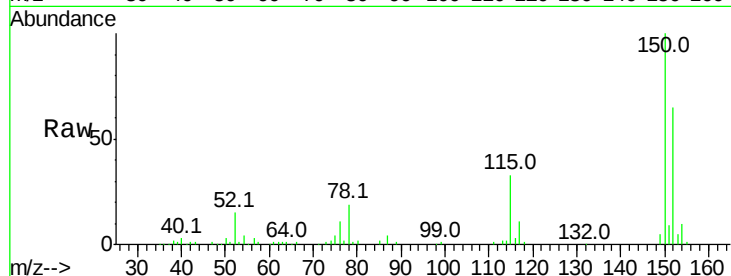
1,4-Dichlorobenzene-d4
Concen: 20.00 ng/ml
RT: 6.83 min Scan# 411
Delta R.T. -0.00 min
Lab File: BF082248.D
Acq: 13 Oct 2015 7:31

Instrument :
BNA_F
ClientSampleId :
OS-SB-22(46-48)A

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	129.0	193.4
115	51.7	52.1	78.1#

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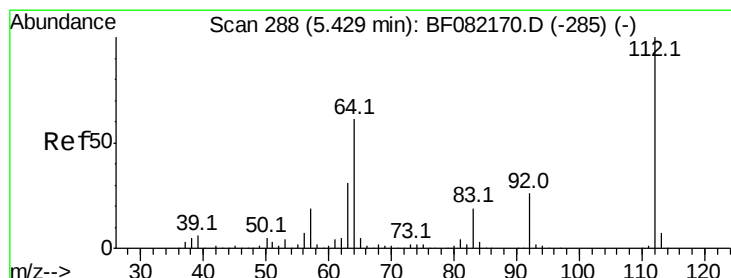
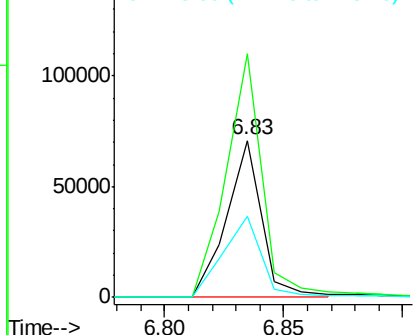
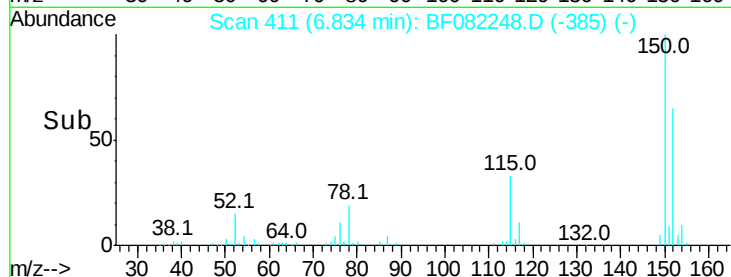


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

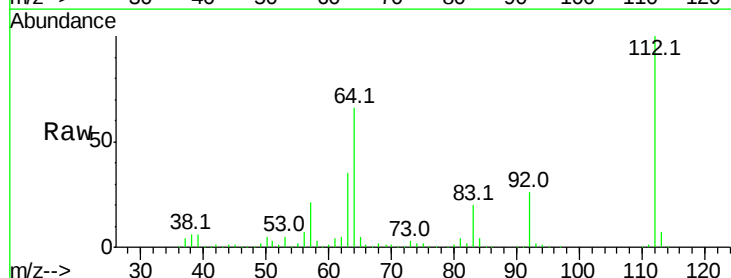
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 143.19 ng
RT: 5.43 min Scan# 288
Delta R.T. -0.00 min
Lab File: BF082248.D
Acq: 13 Oct 2015 7:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.1	48.6	73.0
63	35.4	25.1	37.7

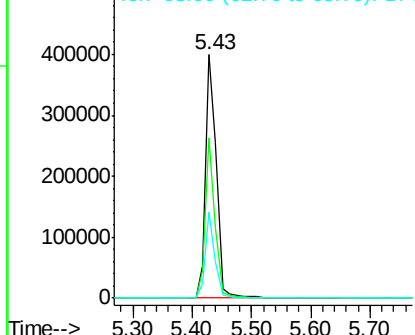
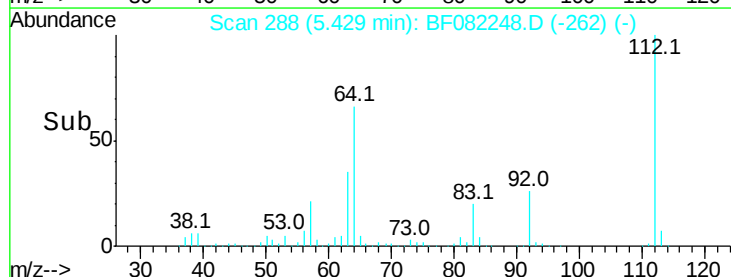


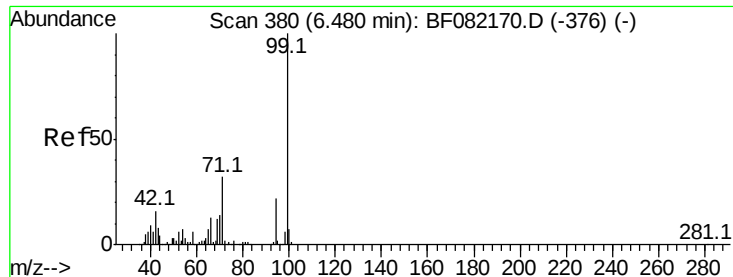
Abundance

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: 145.37 ng

RT: 6.47 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF082248.D

Acq: 13 Oct 2015 7:31

Instrument :

BNA_F

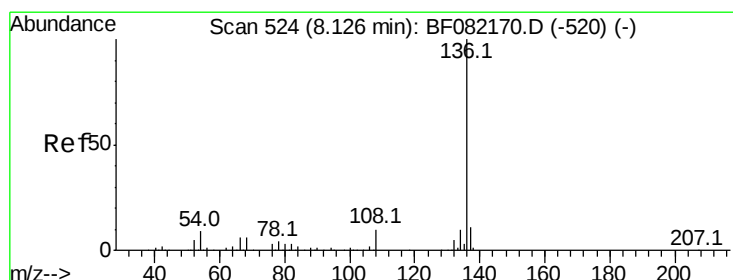
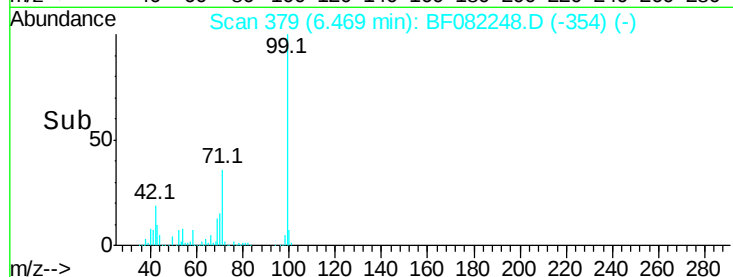
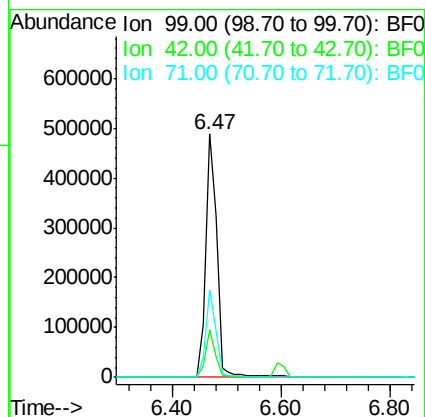
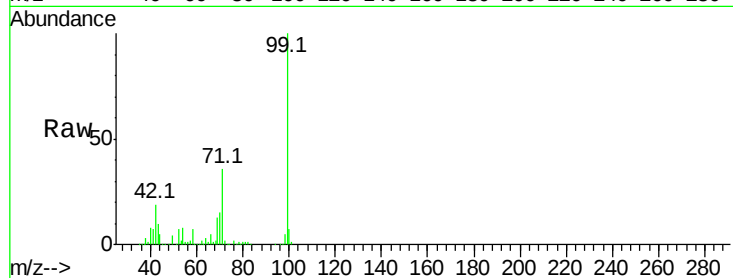
ClientSampleId :

OS-SB-22(46-48)A

Tot Ion:	99	Resp:	682440
Ion Ratio	Lower	Upper	
99	100		
42	19.4	13.2	19.8
71	35.7	25.6	38.4

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#21

Naphthalene-d8

Concen: 20.00 ng

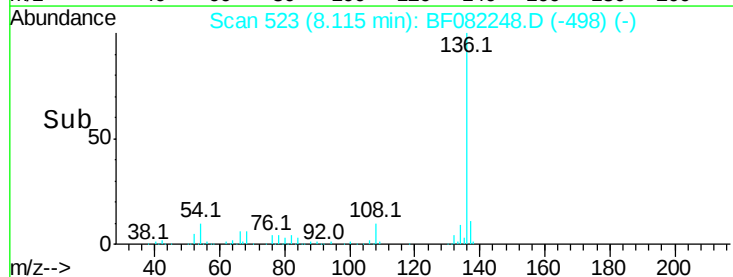
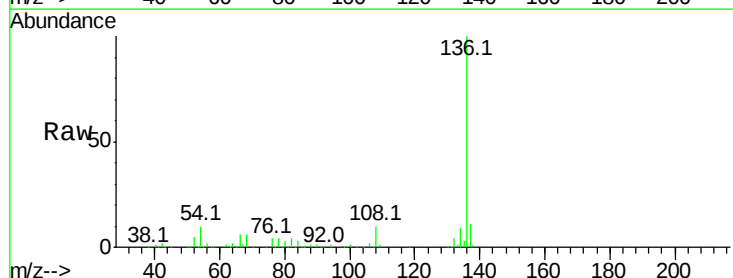
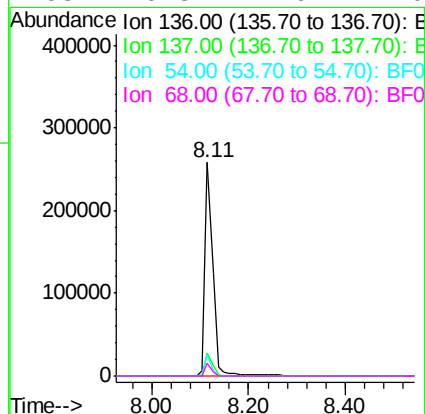
RT: 8.11 min Scan# 523

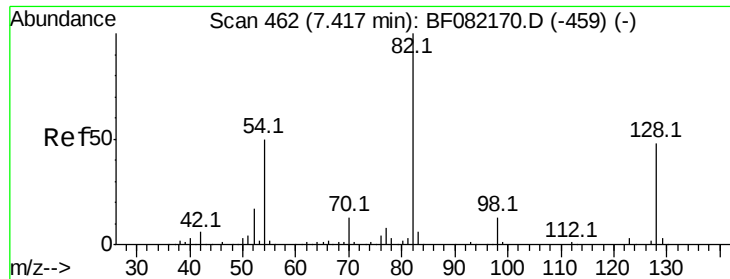
Delta R.T. -0.01 min

Lab File: BF082248.D

Acq: 13 Oct 2015 7:31

Tgt Ion:	136	Resp:	291829
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.0	13.6
54	9.9	7.5	11.3
68	6.3	4.6	7.0





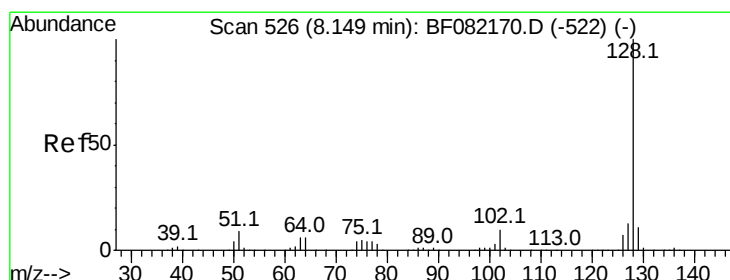
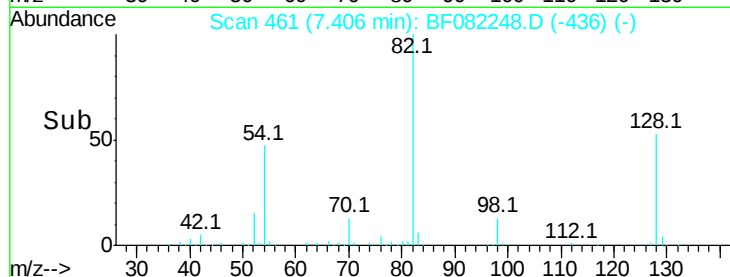
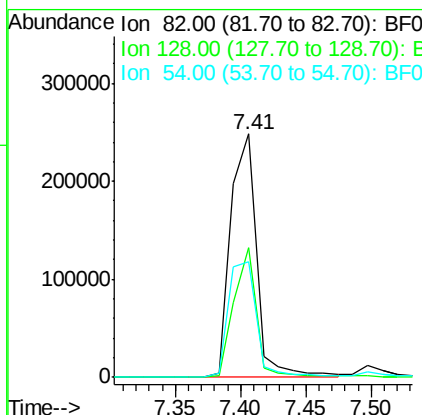
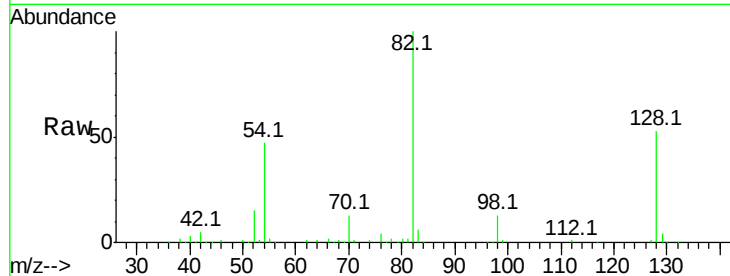
#23
Nitrobenzene-d5
Concen: 79.36 ng
RT: 7.41 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF082248.D
Acq: 13 Oct 2015 7:31

Instrument :
BNA_F
ClientSampleId :
OS-SB-22(46-48)A

Tot Ion	Ratio	Lower	Upper
82	100		
128	53.3	38.7	58.1
54	47.5	40.1	60.1

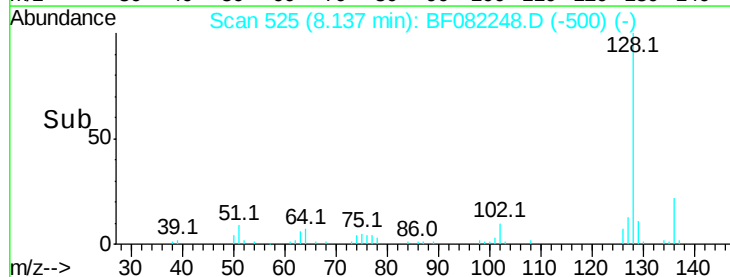
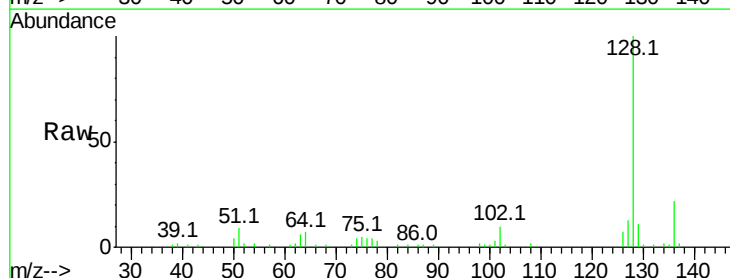
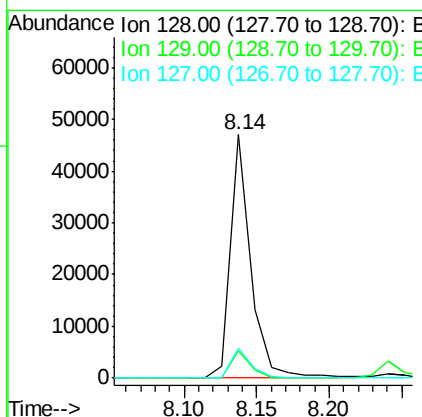
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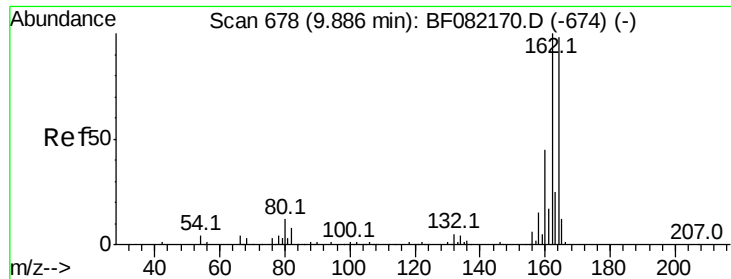
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#31
Naphthalene
Concen: 3.65 ng
RT: 8.14 min Scan# 525
Delta R.T. -0.01 min
Lab File: BF082248.D
Acq: 13 Oct 2015 7:31

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.1	13.7
127	12.5	10.7	16.1





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 677

Delta R.T. -0.01 min

Lab File: BF082248.D

Acq: 13 Oct 2015 7:31

Instrument :

BNA_F

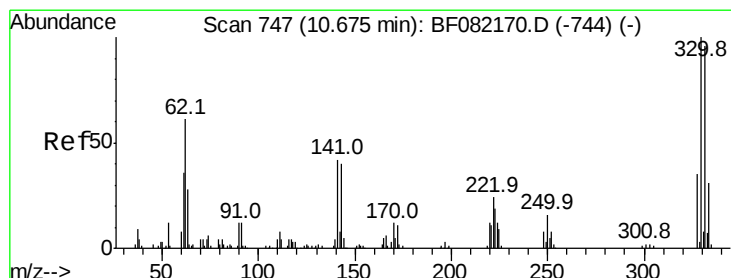
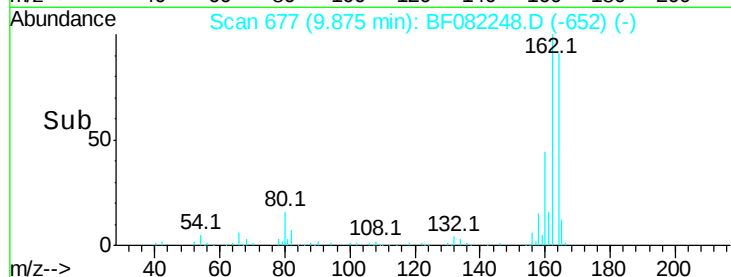
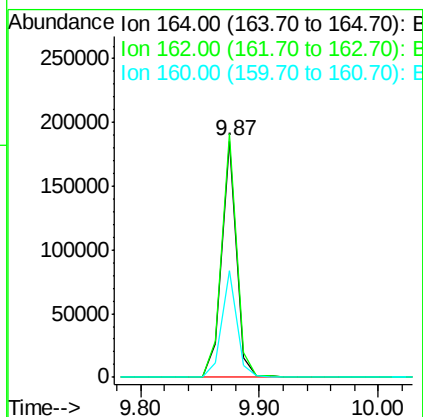
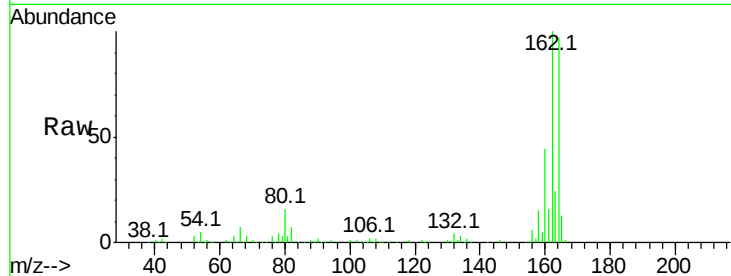
ClientSampleId :

OS-SB-22(46-48)A

Tot Ion:	164	Resp:	158573
Ion Ratio	Lower	Upper	
164	100		
162	103.1	81.6	122.4
160	45.2	36.4	54.6

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#41

2,4,6-Tribromophenol

Concen: 125.39 ng

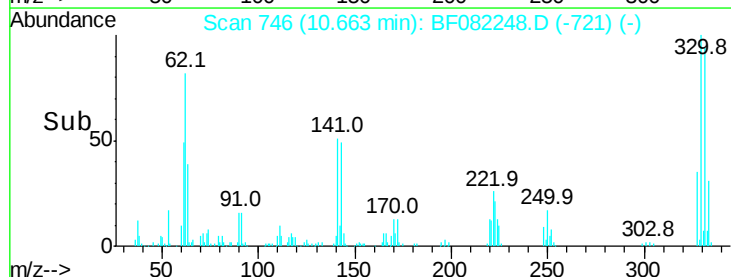
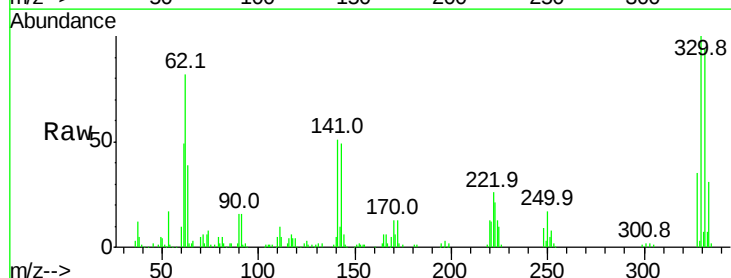
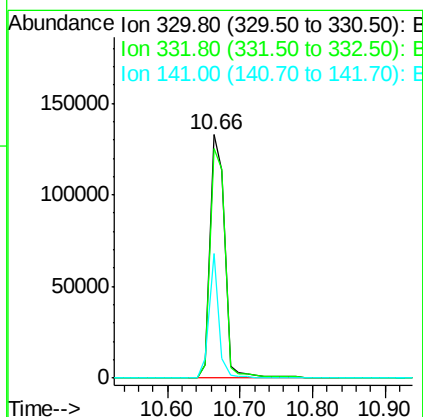
RT: 10.66 min Scan# 746

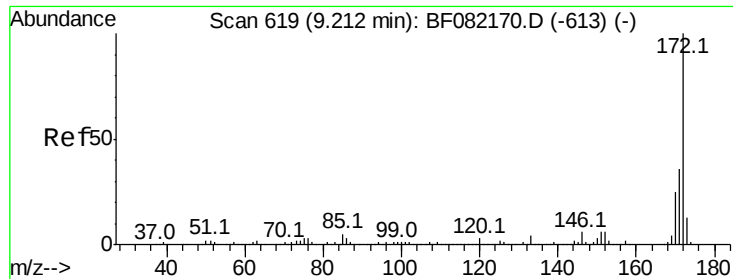
Delta R.T. -0.01 min

Lab File: BF082248.D

Acq: 13 Oct 2015 7:31

Tgt Ion:	330	Resp:	186467
Ion Ratio	Lower	Upper	
330	100		
332	97.3	77.1	115.7
141	34.8	29.8	44.8





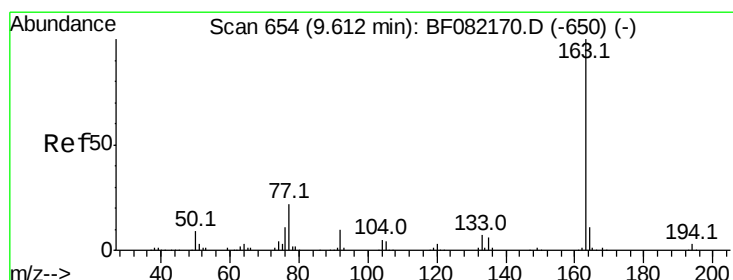
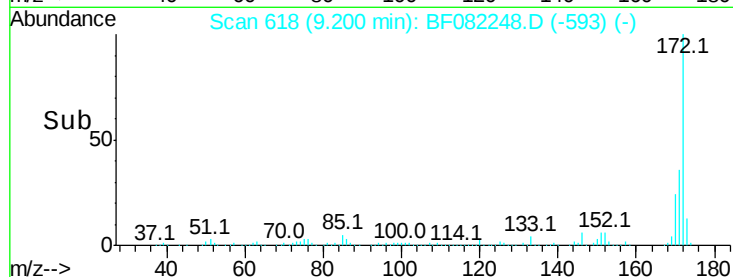
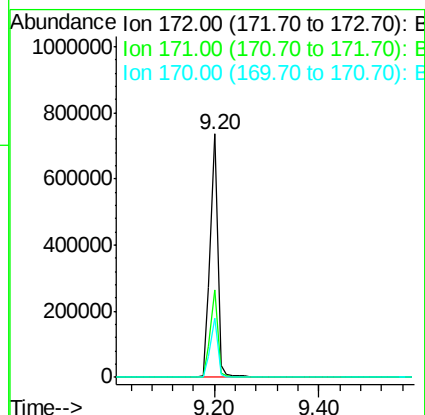
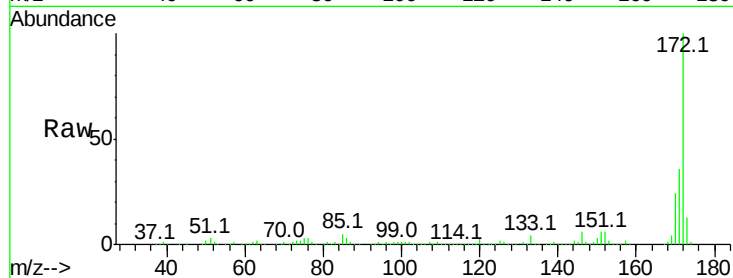
#44
2-Fluorobiphenyl
Concen: 78.77 ng
RT: 9.20 min Scan# 618
Delta R.T. -0.01 min
Lab File: BF082248.D
Acq: 13 Oct 2015 7:31

Instrument :
BNA_F
ClientSampleId :
OS-SB-22(46-48)A

Tot Ion	Ratio	Resp	Lower	Upper
172	100	753169		
171	36.1		28.6	42.8
170	24.2		19.7	29.5

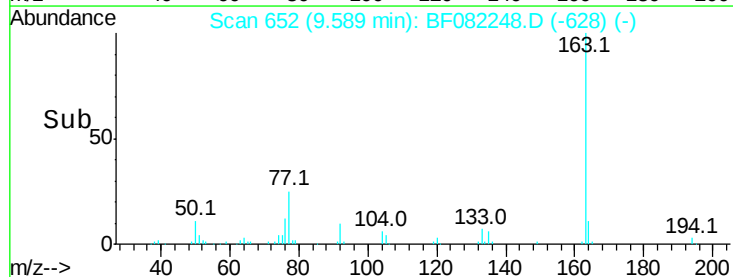
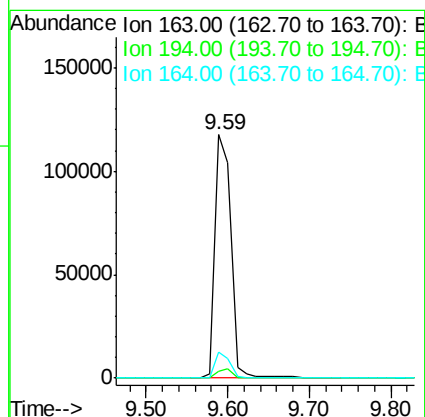
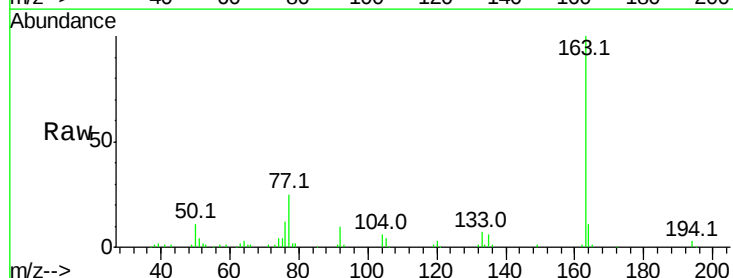
Manual Integrations
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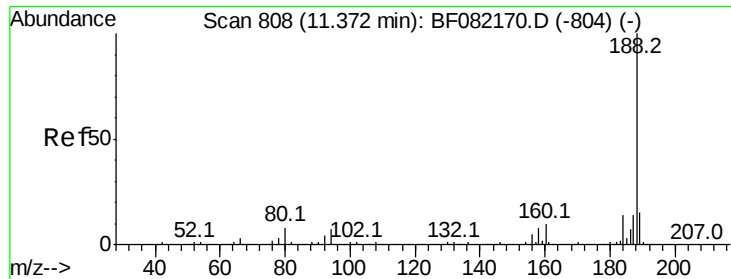
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#49
Dimethylphthalate
Concen: 14.49 ng
RT: 9.59 min Scan# 652
Delta R.T. -0.02 min
Lab File: BF082248.D
Acq: 13 Oct 2015 7:31

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	161835		
194	3.0		2.6	4.0
164	10.7		8.5	12.7





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF082248.D

Acq: 13 Oct 2015 7:31

Instrument :

BNA_F

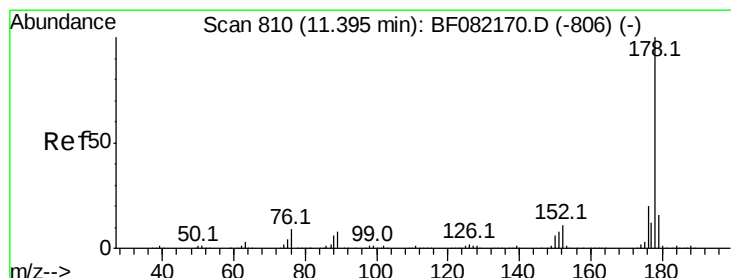
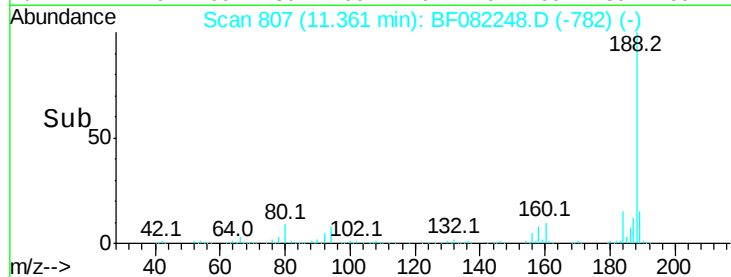
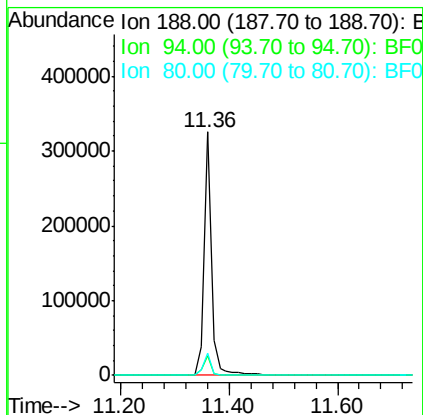
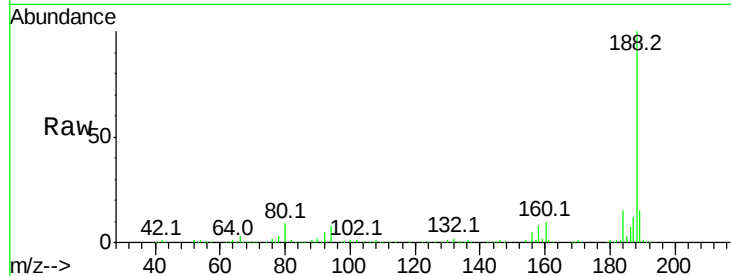
ClientSampleId :

OS-SB-22(46-48)A

Tot Ion:188	Resp: 308684
Ion Ratio	Lower Upper
188 100	
94 8.2	5.8 8.6
80 8.9	6.4 9.6

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#70

Phenanthrene

Concen: 2.30 ng

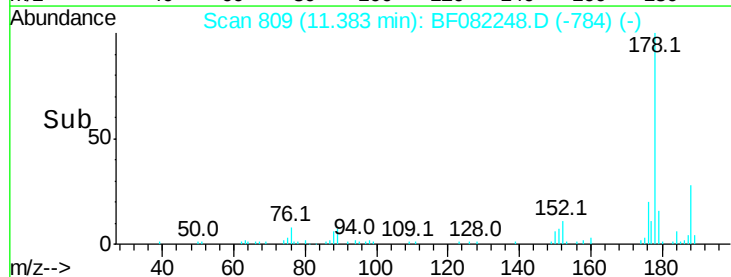
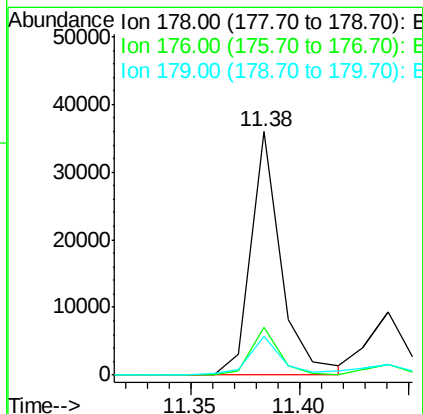
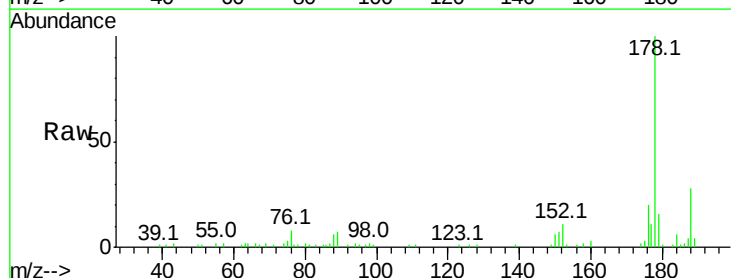
RT: 11.38 min Scan# 809

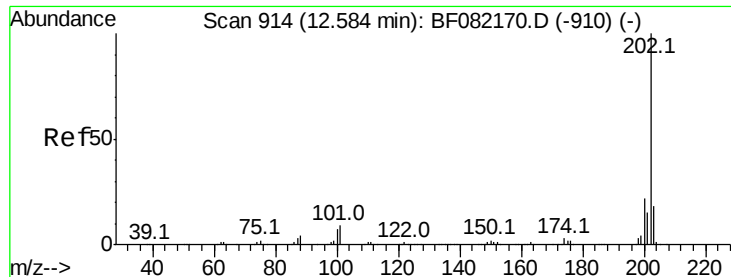
Delta R.T. -0.01 min

Lab File: BF082248.D

Acq: 13 Oct 2015 7:31

Tgt Ion:178	Resp: 34734
Ion Ratio	Lower Upper
178 100	
176 19.6	16.0 24.0
179 15.8	12.6 19.0





#74

Fluoranthene

Concen: 2.92 ng

RT: 12.57 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF082248.D

Acq: 13 Oct 2015 7:31

Instrument :

BNA_F

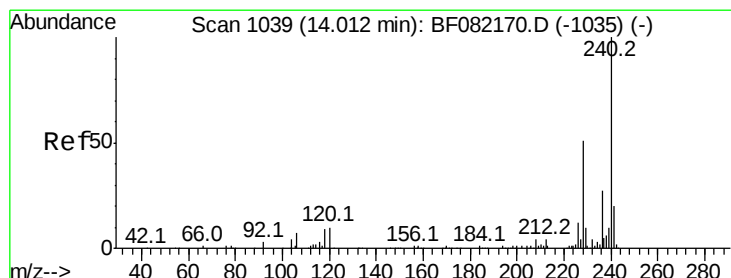
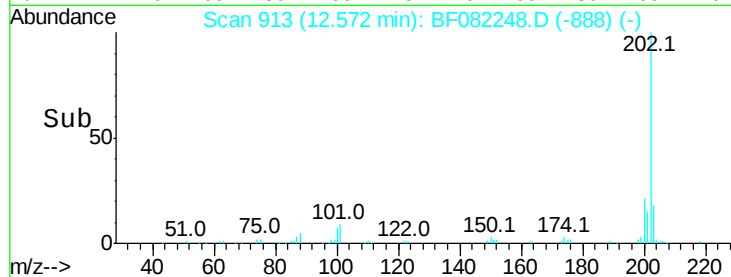
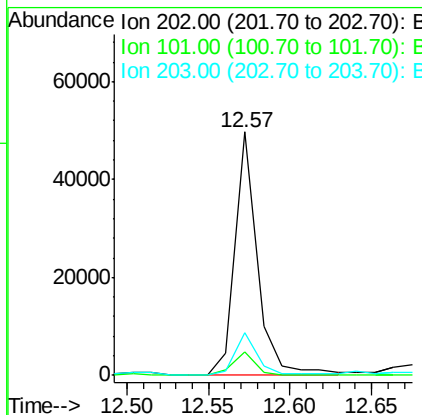
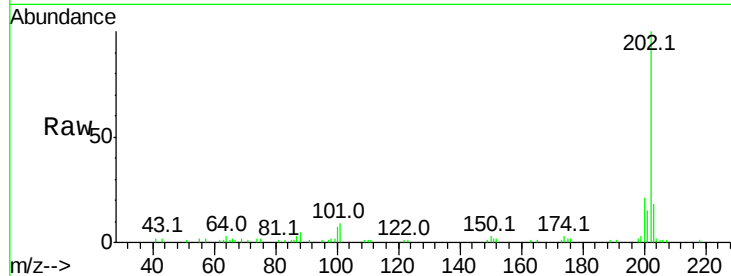
ClientSampleId :

OS-SB-22(46-48)A

Tot Ion:	202	Resp:	47372
Ion Ratio	Lower	Upper	
202	100		
101	9.4	0.0	29.3
203	17.6	0.0	37.8

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#75

Chrysene-d12

Concen: 20.00 ng

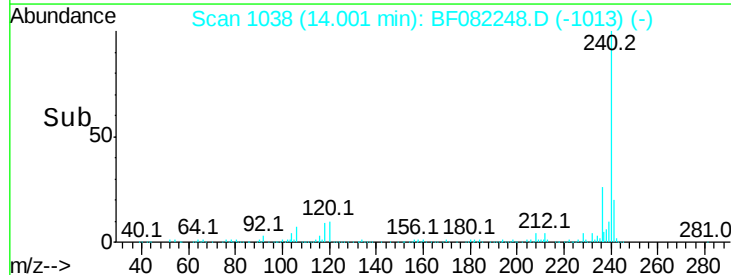
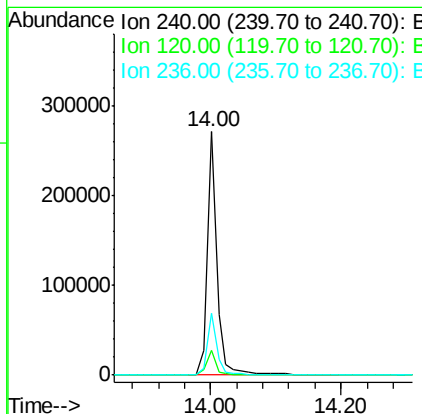
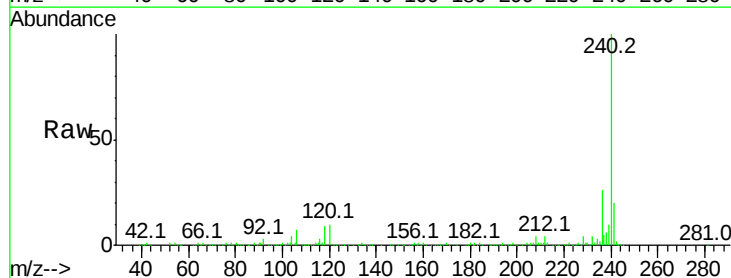
RT: 14.00 min Scan# 1038

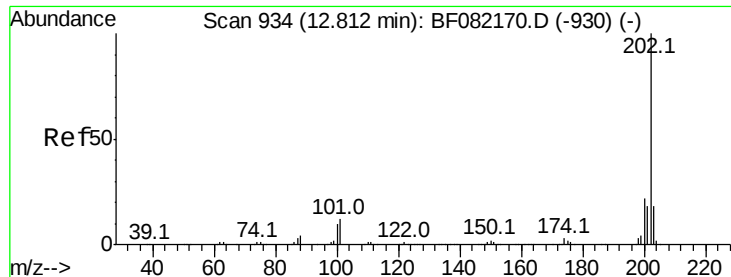
Delta R.T. -0.01 min

Lab File: BF082248.D

Acq: 13 Oct 2015 7:31

Tgt Ion:	240	Resp:	278753
Ion Ratio	Lower	Upper	
240	100		
120	10.2	8.1	12.1
236	25.6	21.3	31.9





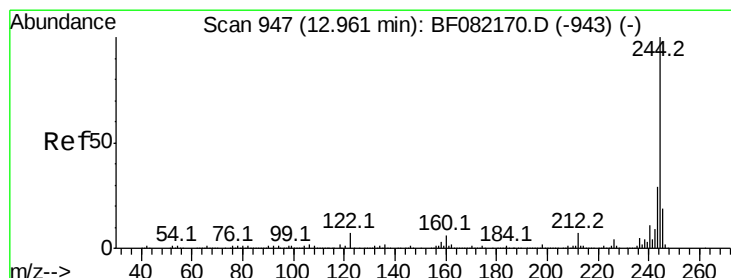
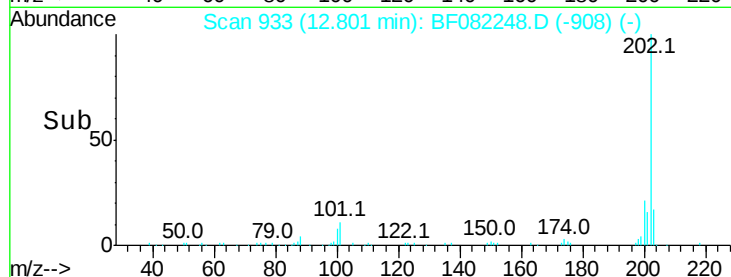
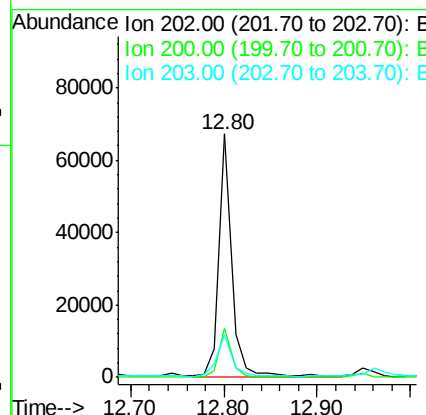
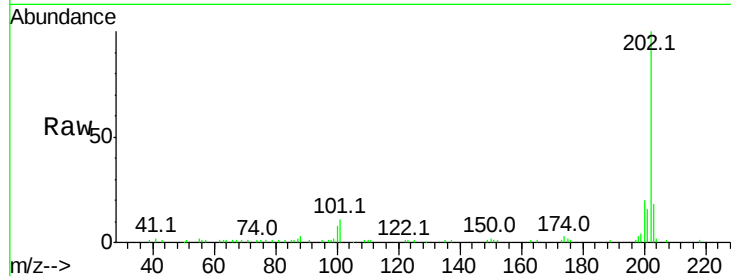
#77
Pvrene
Concen: 4.04 ng
RT: 12.80 min Scan# 933
Delta R.T. -0.01 min
Lab File: BF082248.D
Acq: 13 Oct 2015 7:31

Instrument :
BNA_F
ClientSampleId :
OS-SB-22(46-48)A

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.9	26.9
203	17.7	14.5	21.7

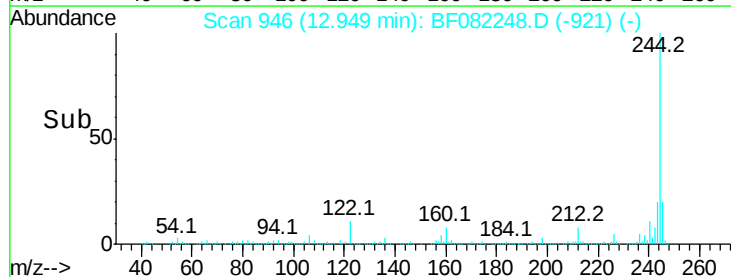
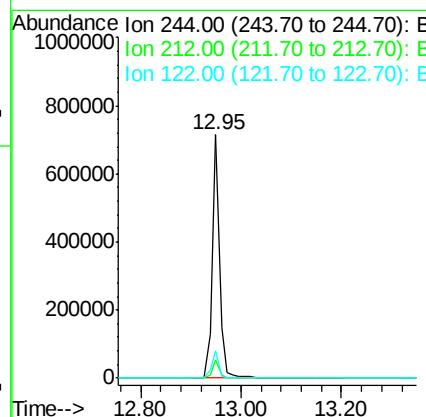
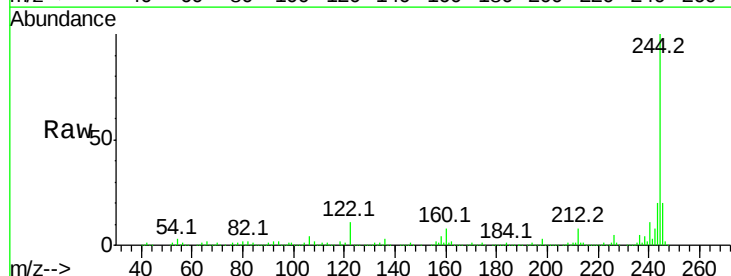
Manual Integrations
APPROVED

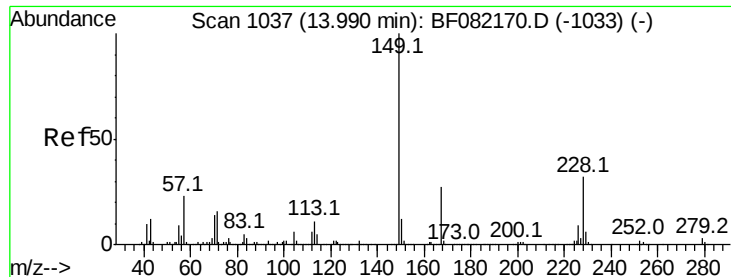
MMdadoda
10/13/2015 1:25:28 PM



#78
Terphenyl-d14
Concen: 68.33 ng
RT: 12.95 min Scan# 946
Delta R.T. -0.01 min
Lab File: BF082248.D
Acq: 13 Oct 2015 7:31

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.6
122	11.2	5.9	8.9#





#83

Bis(2-ethylhexyl)phthalate

Concen: 10.01 ng

RT: 13.98 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF082248.D

Acq: 13 Oct 2015 7:31

Instrument :

BNA_F

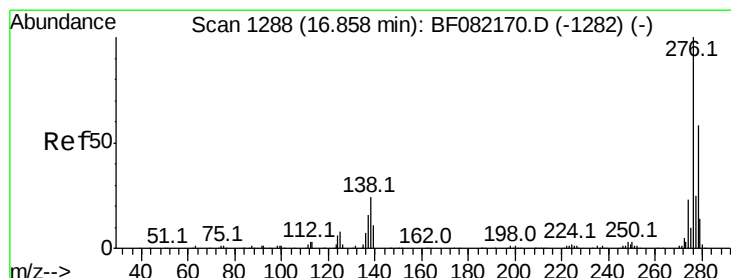
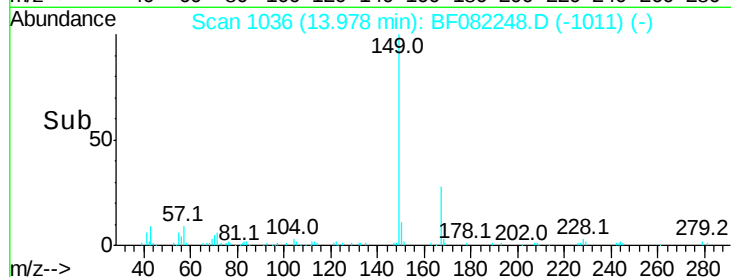
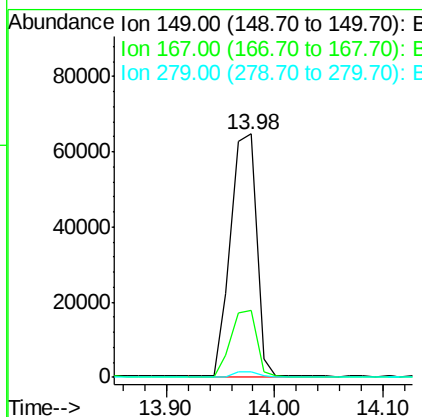
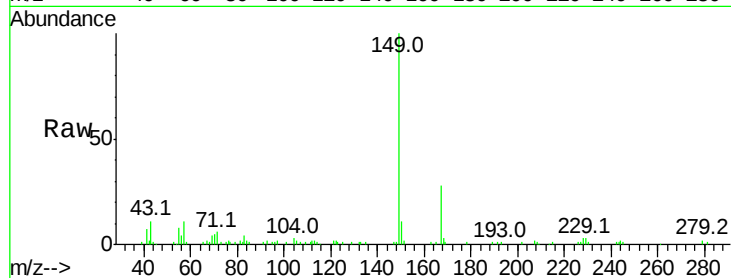
ClientSampleId :

OS-SB-22(46-48)A

Tot Ion:	149	Resp:	107823
Ion Ratio	Lower	Upper	
149	100		
167	27.7	21.3	31.9
279	2.3	2.6	4.0#

Manual Integrations
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#85

Indeno(1,2,3-cd)pyrene

Concen: 2.08 ng

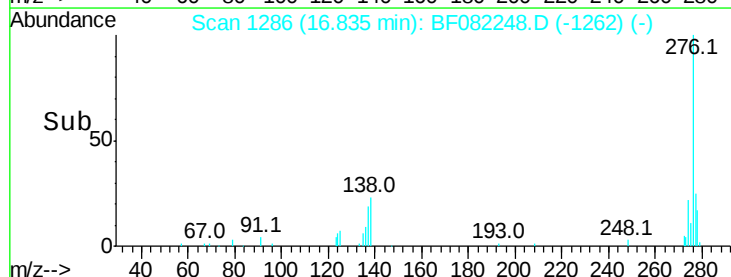
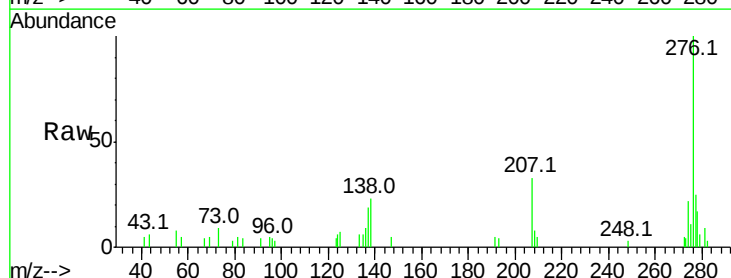
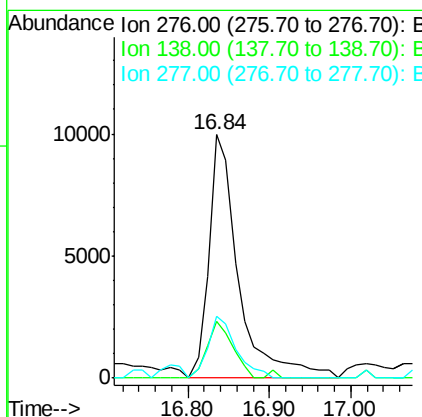
RT: 16.84 min Scan# 1286

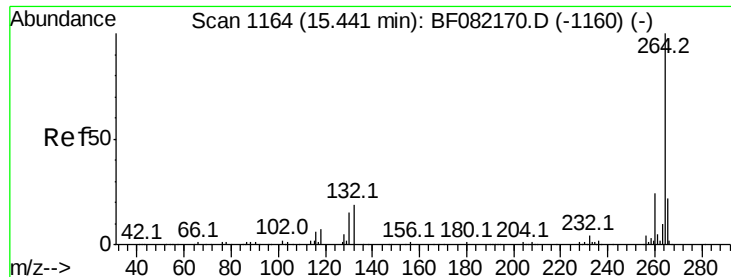
Delta R.T. -0.02 min

Lab File: BF082248.D

Acq: 13 Oct 2015 7:31

Tgt Ion:	276	Resp:	25212
Ion Ratio	Lower	Upper	
276	100		
138	20.3	19.7	29.5
277	24.0	20.1	30.1





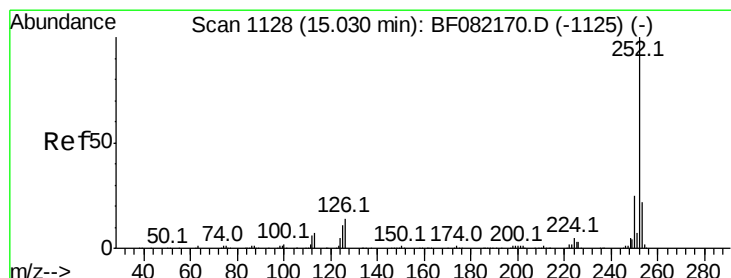
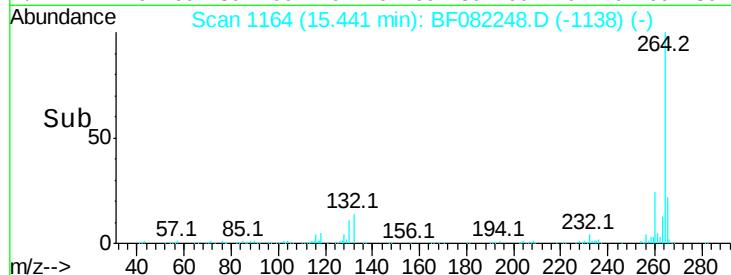
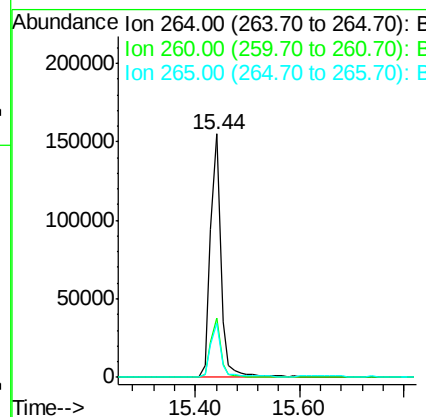
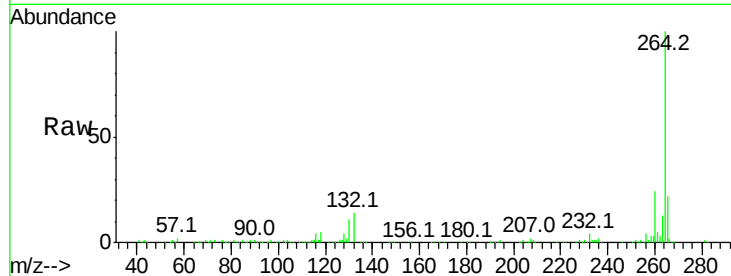
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BF082248.D
Acq: 13 Oct 2015 7:31

Instrument :
BNA_F
ClientSampleId :
OS-SB-22(46-48)A

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.0	28.6
265	22.3	17.3	25.9

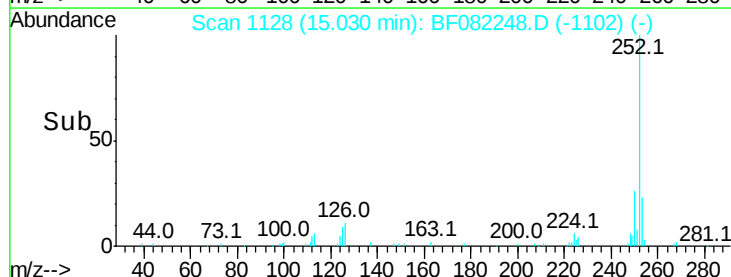
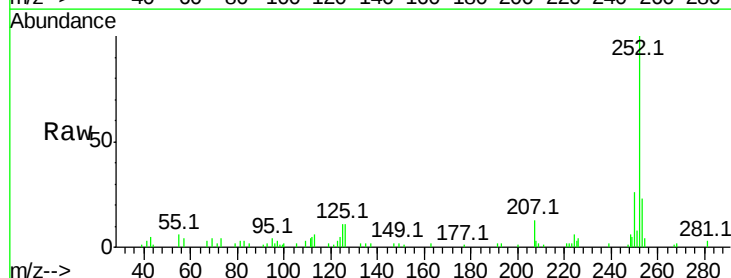
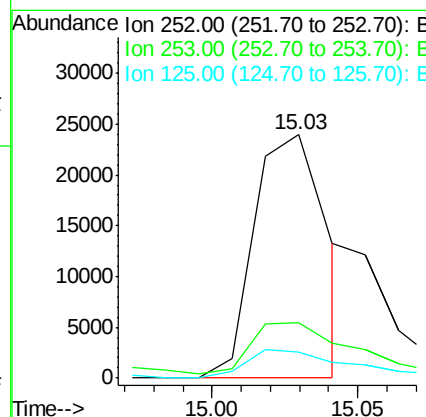
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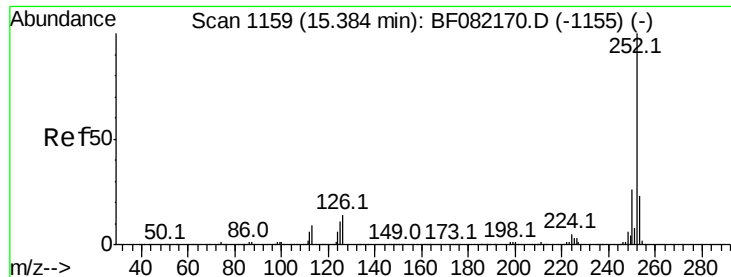
MMdadoda
10/13/2015 1:25:28 PM



#87
Benzo(b)fluoranthene
Concen: 3.14 ng m
RT: 15.03 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF082248.D
Acq: 13 Oct 2015 7:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	10.6	8.6	12.8





#89

Benzo(a)pyrene

Concen: 3.23 ng

RT: 15.37 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BF082248.D

Acq: 13 Oct 2015 7:31

Instrument :

BNA_F

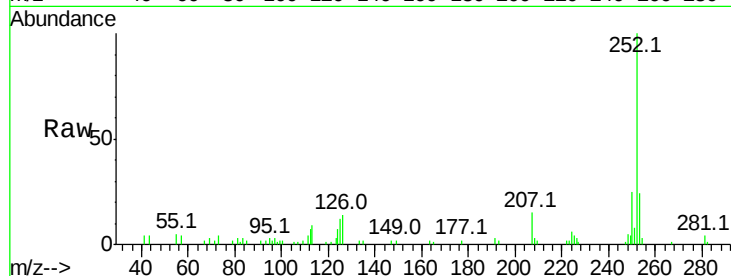
ClientSampleId :

OS-SB-22(46-48)A

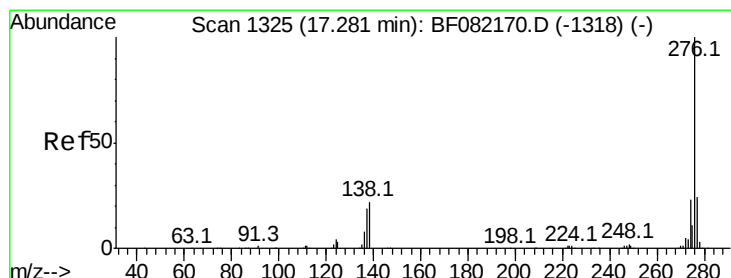
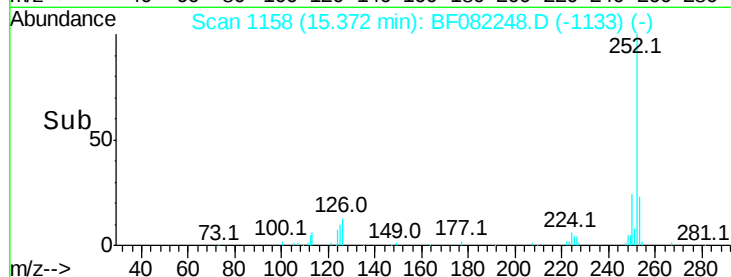
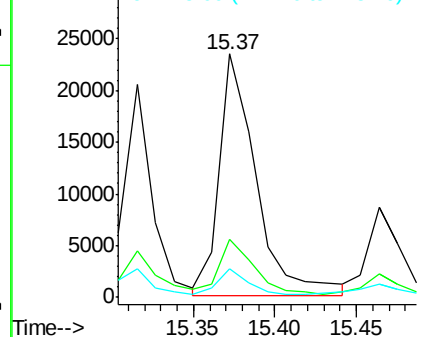
Tot Ion:	252	Resp:	37086
Ion Ratio	Lower	Upper	
252	100		
253	23.9	18.2	27.2
125	12.0	8.9	13.3

Manual Integrations
APPROVED

MMdadoda
10/13/2015 1:25:28 PM



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#91

Benzo(g,h,i)perylene

Concen: 2.67 ng

RT: 17.26 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF082248.D

Acq: 13 Oct 2015 7:31

Tgt Ion:	276	Resp:	24448
Ion Ratio	Lower	Upper	
276	100		
277	22.8	18.8	28.2
138	22.0	17.4	26.2

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

