

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
 Data File : BF082279.D
 Acq On : 14 Oct 2015 15:01
 Operator : UM/IZ
 Sample : G4015-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CF-1

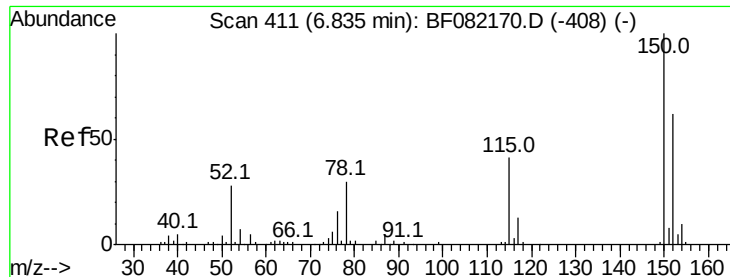
Manual Integrations
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 10/15/2015 4:55:38 PM

Quant Time: Oct 15 02:38:23 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 15 01:42:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	68360m	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	267566	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	134077	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	230723	20.00	ng	0.00
75) Chrysene-d12	14.09	240	133712	20.00	ng	-0.03
86) Perylene-d12	15.67	264	135111	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	717	0.21	ng	0.02
7) Phenol-d6	6.46	99	44557	10.11	ng	-0.01
23) Nitrobenzene-d5	7.39	82	351522	88.23	ng	0.00
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.19	172	634962	78.54	ng	-0.01
78) Terphenyl-d14	12.97	244	449598	89.10	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.59	163	92396	9.79	ng	99
70) Phenanthrene	11.38	178	30078	2.66	ng	# 87
74) Fluoranthene	12.59	202	34765m	2.86	ng	
77) Pyrene	12.82	202	37081	4.67	ng	# 77
82) Chrysene	14.12	228	17336m	2.36	ng	
83) Bis(2-ethylhexyl)phthalate	14.08	149	564359	109.23	ng	# 96

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



#1

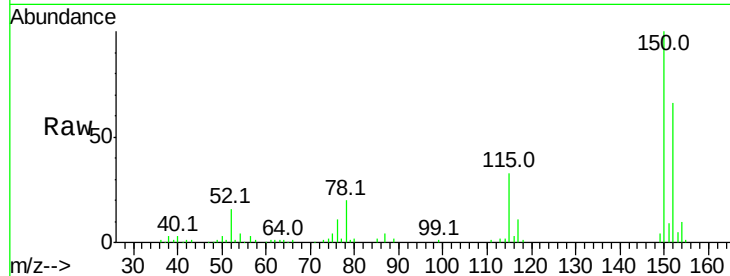
1,4-Dichlorobenzene-d4
Concen: 20.00 ng/mL
RT: 6.82 min Scan# 410
Delta R.T. -0.00 min
Lab File: BF082279.D
Acq: 14 Oct 2015 15:01

Instrument :
BNA_F
ClientSampleID :
CF-1

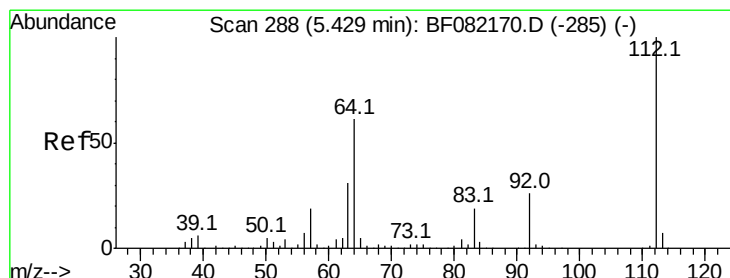
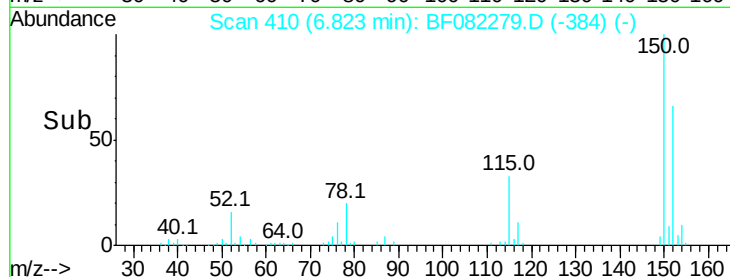
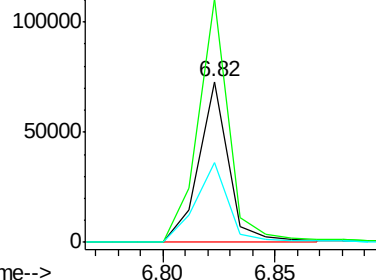
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.6	129.0	193.4
115	50.1	52.1	78.1#

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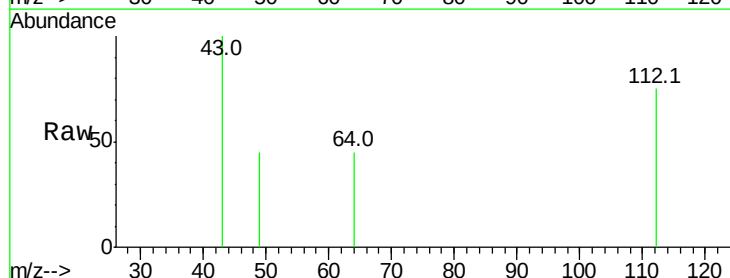
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



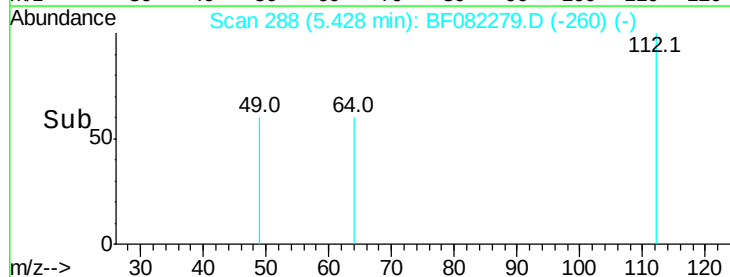
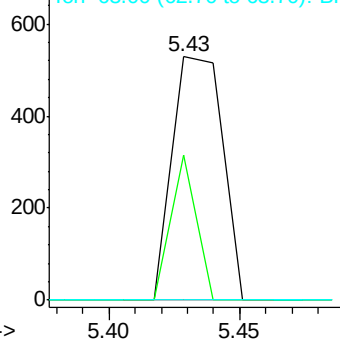
#5

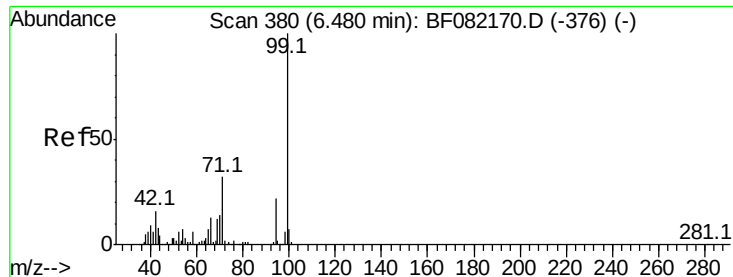
2-Fluorophenol
Concen: 0.21 ng
RT: 5.43 min Scan# 288
Delta R.T. 0.02 min
Lab File: BF082279.D
Acq: 14 Oct 2015 15:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.7	48.6	73.0
63	0.0	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: 10.11 ng

RT: 6.46 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF082279.D

Acq: 14 Oct 2015 15:01

Instrument :

BNA_F

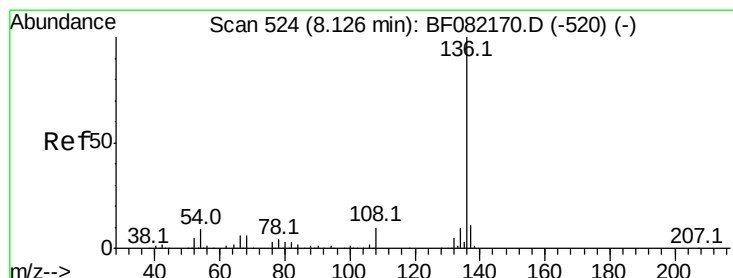
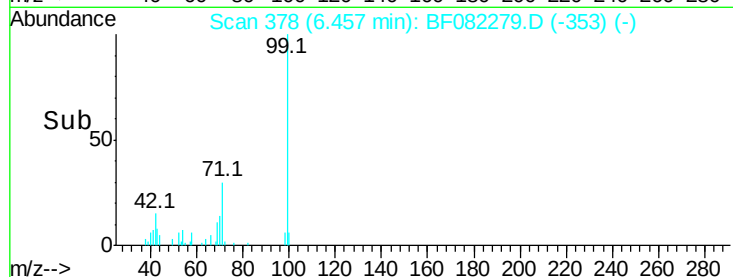
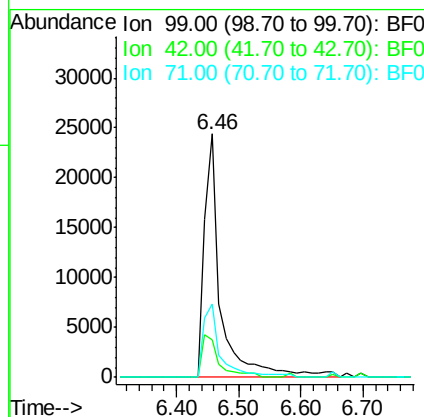
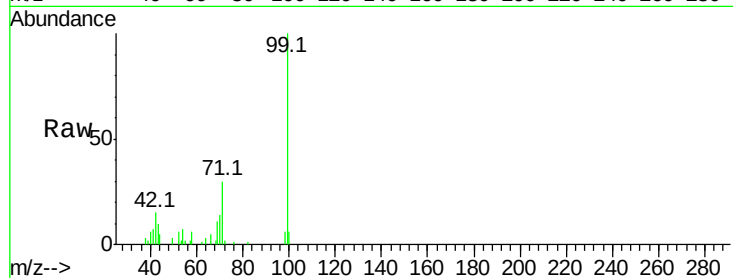
ClientSampleId :

CF-1

Tot Ion:	99	Resp:	44557
Ion Ratio	Lower	Upper	
99	100		
42	15.4	13.2	19.8
71	30.2	25.6	38.4

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#21

Naphthalene-d8

Concen: 20.00 ng

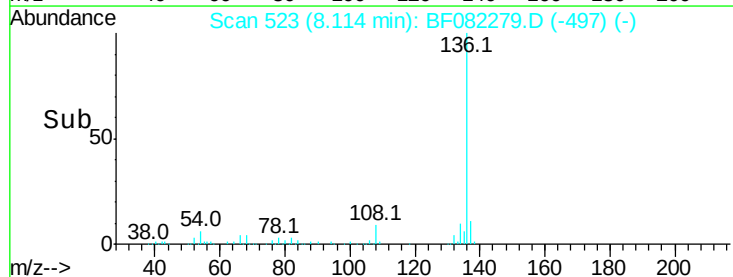
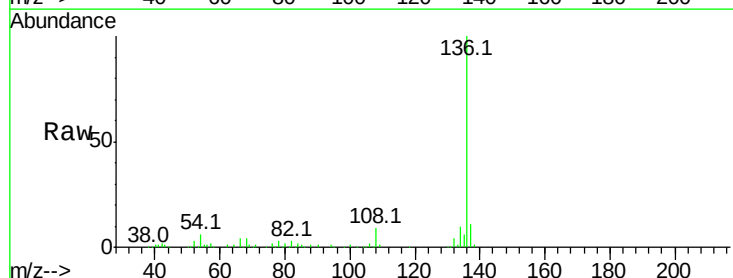
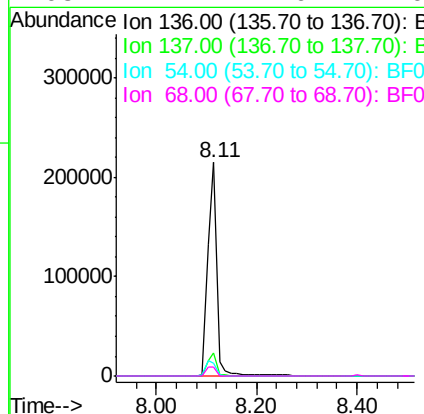
RT: 8.11 min Scan# 523

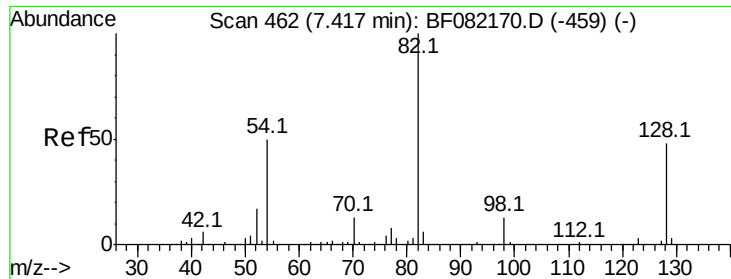
Delta R.T. -0.00 min

Lab File: BF082279.D

Acq: 14 Oct 2015 15:01

Tgt Ion:	136	Resp:	267566
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.0	13.6
54	6.1	7.5	11.3#
68	4.1	4.6	7.0#





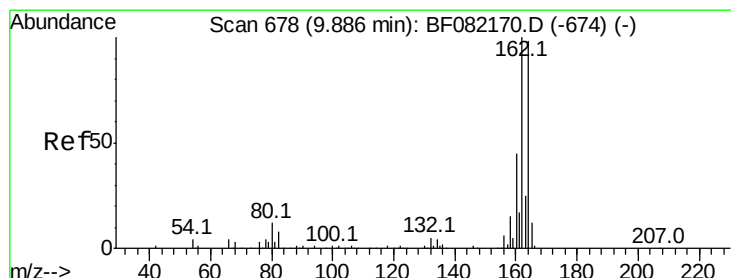
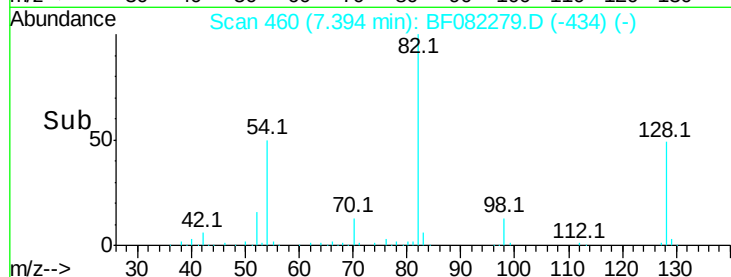
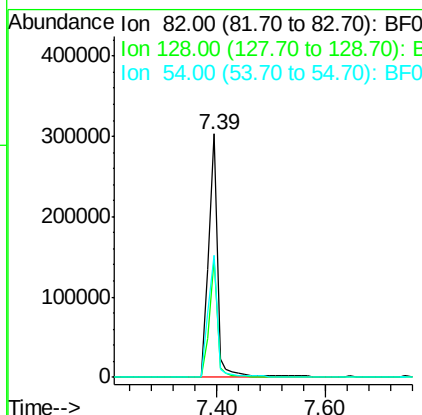
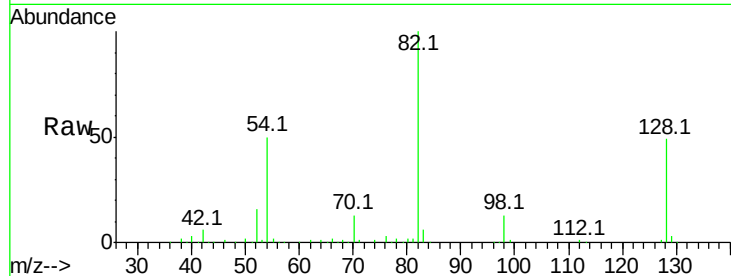
#23
Nitrobenzene-d5
Concen: 88.23 ng
RT: 7.39 min Scan# 460
Delta R.T. -0.00 min
Lab File: BF082279.D
Acq: 14 Oct 2015 15:01

Instrument :
BNA_F
ClientSampled :
CF-1

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.7	38.7	58.1
54	49.9	40.1	60.1

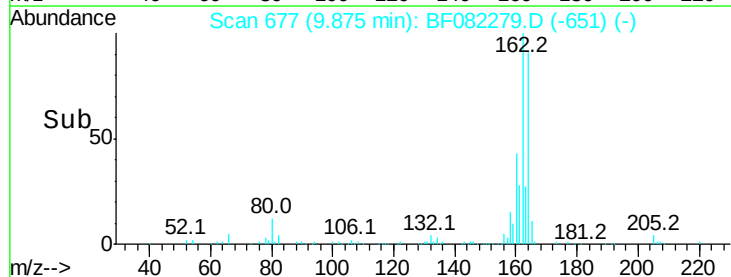
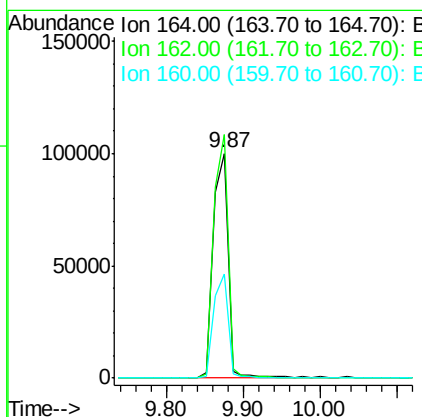
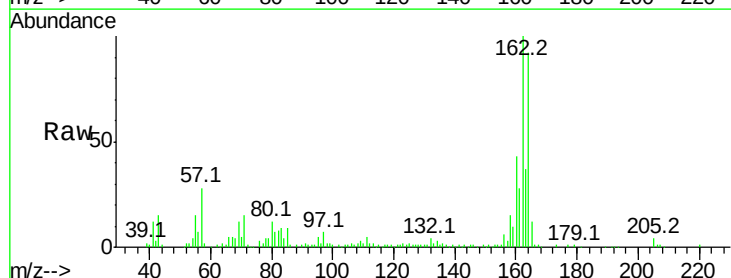
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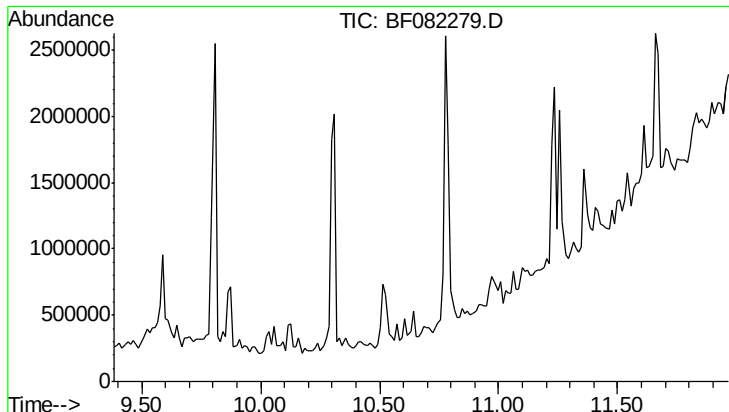
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF082279.D
Acq: 14 Oct 2015 15:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.4	81.6	122.4
160	46.5	36.4	54.6





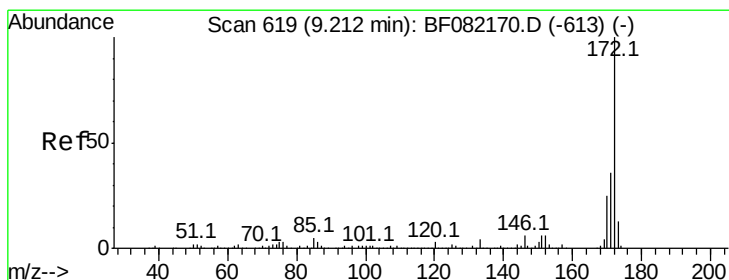
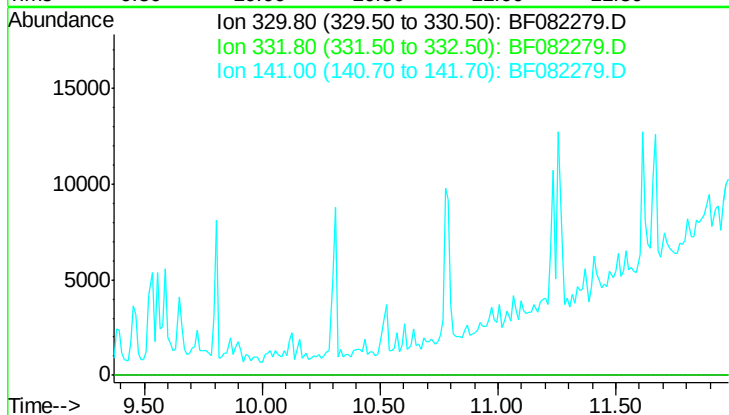
#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 10.67 min
 Lab File: BF082279.D
 Acq: 14 Oct 2015 15:01

Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 96.4
 141 37.3

Instrument :
 BNA_F
 ClientSampleId :
 CF-1

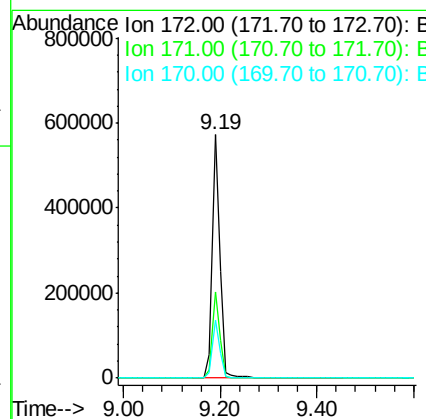
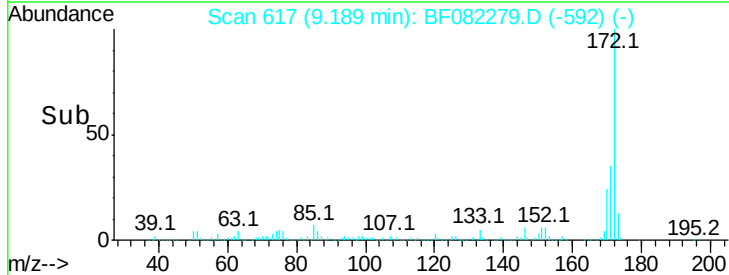
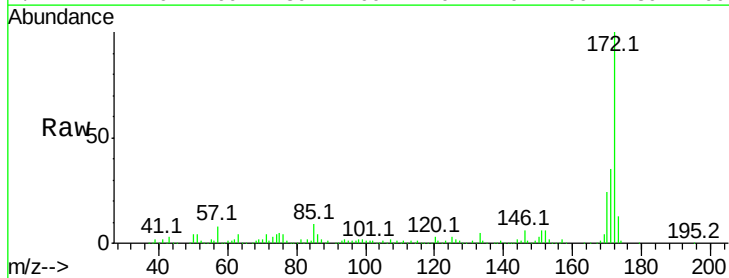
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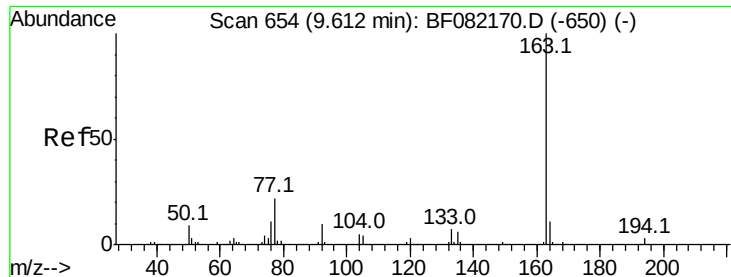
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#44
 2-Fluorobiphenyl
 Concen: 78.54 ng
 RT: 9.19 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF082279.D
 Acq: 14 Oct 2015 15:01

Tgt Ion: 172 Resp: 634962
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.6 42.8
 170 23.8 19.7 29.5





#49

Dimethylphthalate

Concen: 9.79 ng

RT: 9.59 min Scan# 652

Delta R.T. -0.01 min

Lab File: BF082279.D

Acq: 14 Oct 2015 15:01

Instrument :

BNA_F

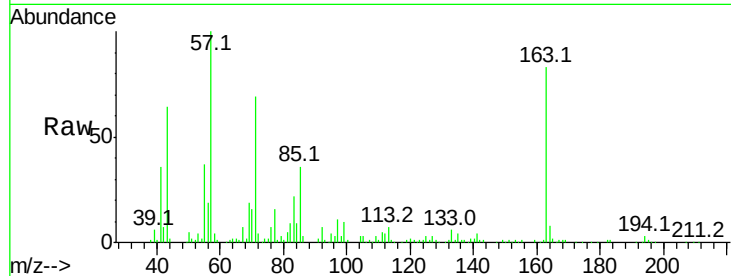
ClientSampleId :

CF-1

Tot Ion:	163	Resp:	92396
Ion Ratio	Lower	Upper	
163	100		
194	3.6	2.6	4.0
164	10.0	8.5	12.7

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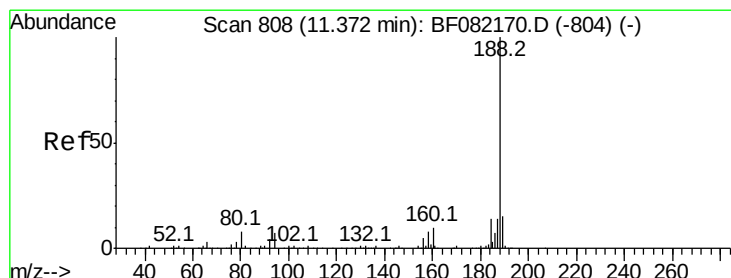
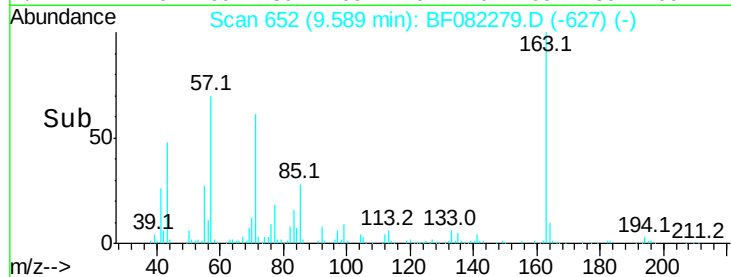
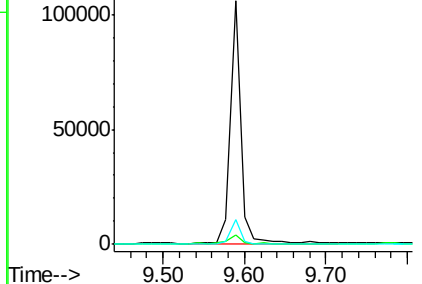
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Abundance Ion 163.00 (162.70 to 163.70): E

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: 11.36 min Scan# 807

Delta R.T. -0.00 min

Lab File: BF082279.D

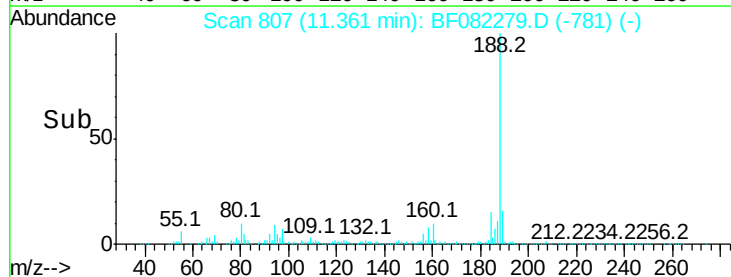
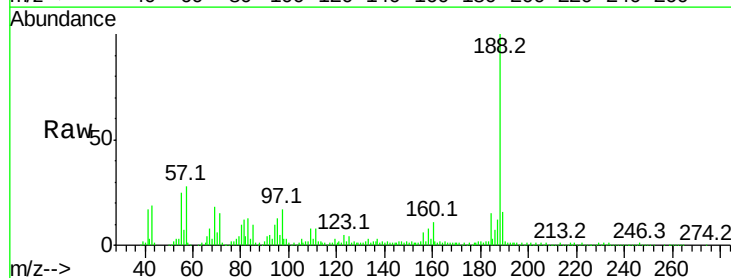
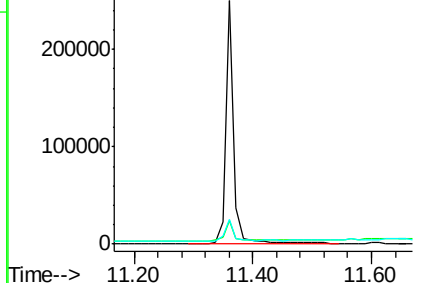
Acq: 14 Oct 2015 15:01

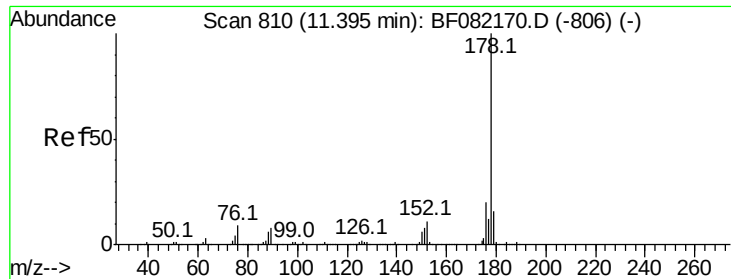
Tgt Ion:	188	Resp:	230723
Ion Ratio	Lower	Upper	
188	100		
94	9.7	5.8	8.6#
80	10.3	6.4	9.6#

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





#70

Phenanthrene

Concen: 2.66 ng

RT: 11.38 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF082279.D

Acq: 14 Oct 2015 15:01

Instrument :

BNA_F

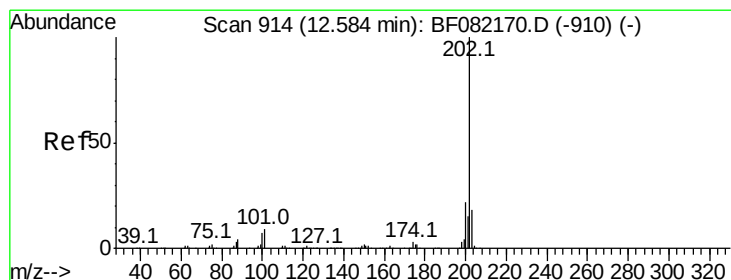
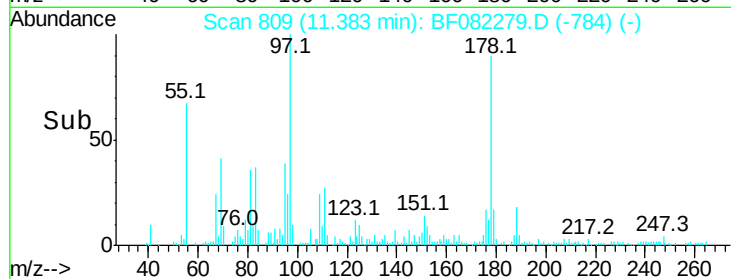
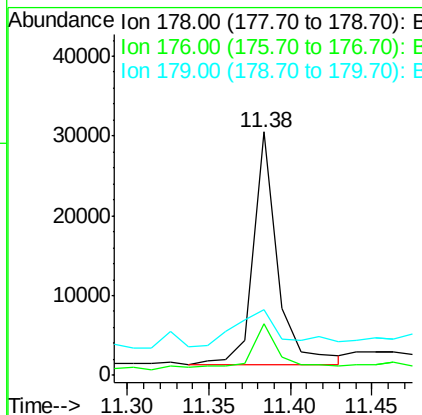
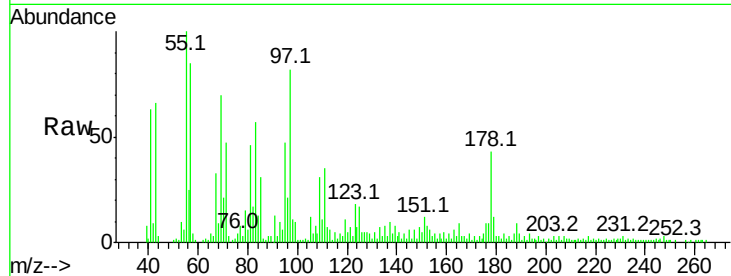
ClientSampleId :

CF-1

Tot Ion:	178	Resp:	30078
Ion Ratio	Lower	Upper	
178	100		
176	21.0	16.0	24.0
179	27.2	12.6	19.0#

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#74

Fluoranthene

Concen: 2.86 ng m

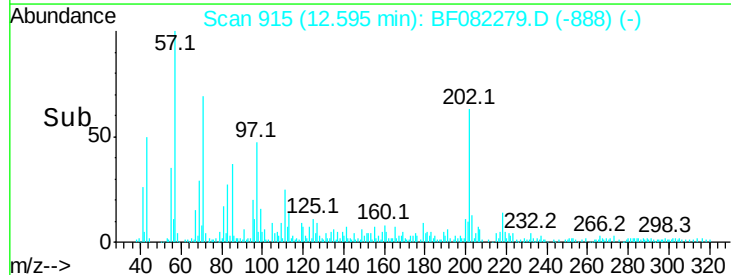
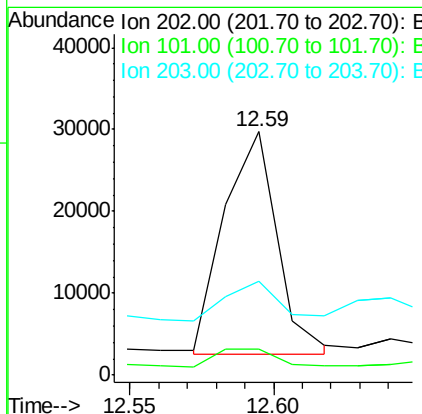
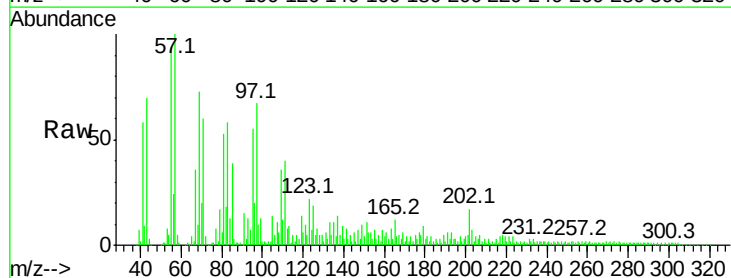
RT: 12.59 min Scan# 915

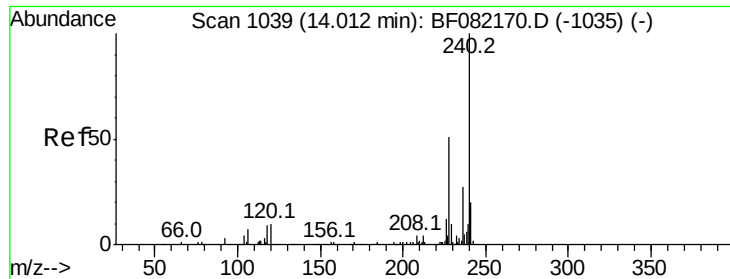
Delta R.T. 0.01 min

Lab File: BF082279.D

Acq: 14 Oct 2015 15:01

Tgt Ion:	202	Resp:	34765
Ion Ratio	Lower	Upper	
202	100		
101	10.9	0.0	29.3
203	38.5	0.0	37.8#





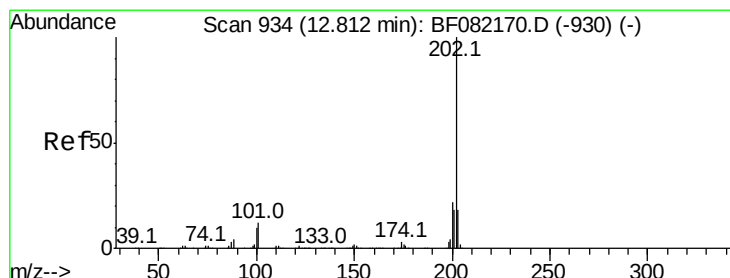
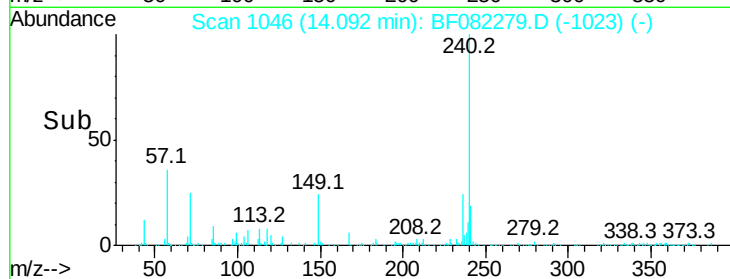
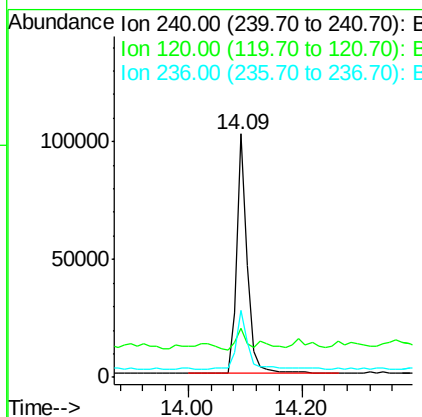
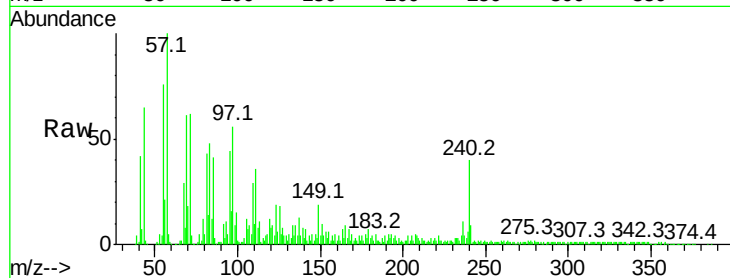
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.09 min Scan# 1046
Delta R.T. -0.03 min
Lab File: BF082279.D
Acq: 14 Oct 2015 15:01

Instrument :
BNA_F
ClientSampleId :
CF-1

Tot Ion	Ratio	Lower	Upper
240	100		
120	20.0	8.1	12.1#
236	27.5	21.3	31.9

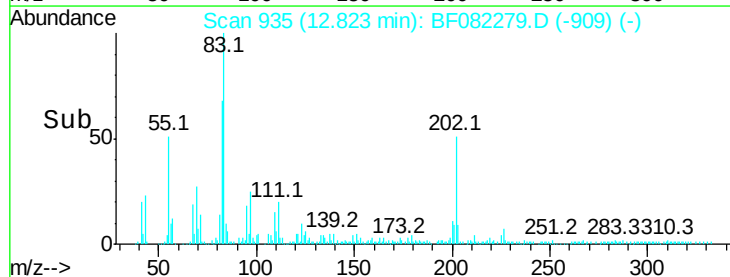
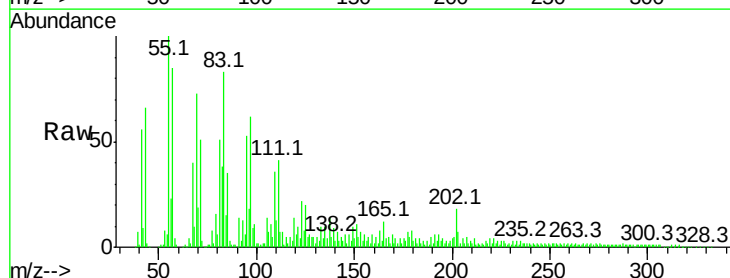
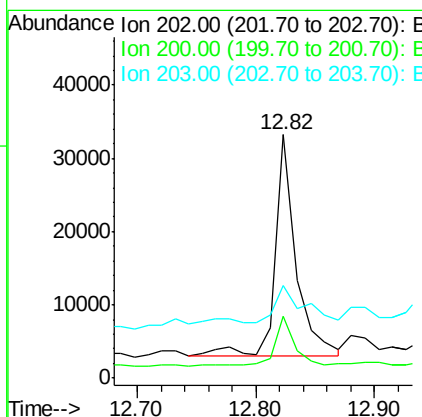
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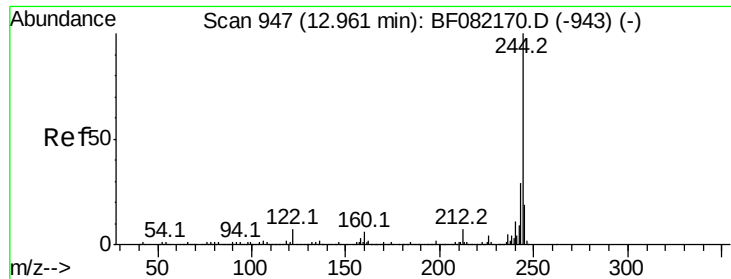
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#77
Pyrene
Concen: 4.67 ng
RT: 12.82 min Scan# 935
Delta R.T. -0.00 min
Lab File: BF082279.D
Acq: 14 Oct 2015 15:01

Tgt Ion	Ratio	Lower	Upper
202	100		
200	25.3	17.9	26.9
203	37.8	14.5	21.7#





#78

Terphenyl-d14

Concen: 89.10 ng

RT: 12.97 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF082279.D

Acq: 14 Oct 2015 15:01

Instrument :

BNA_F

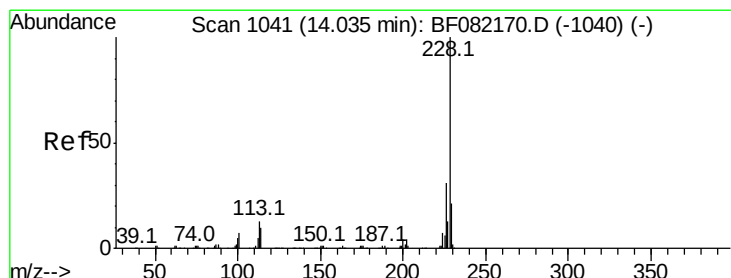
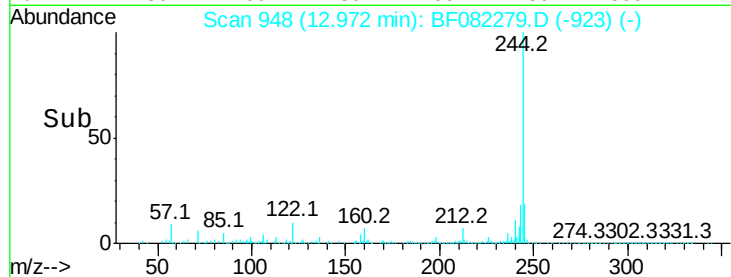
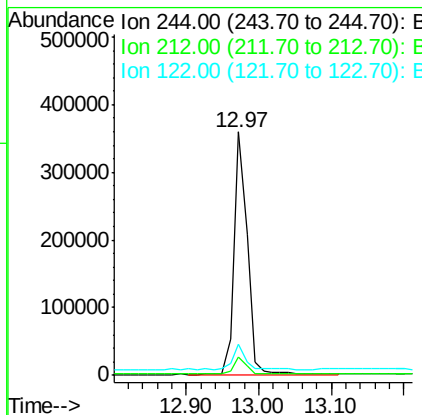
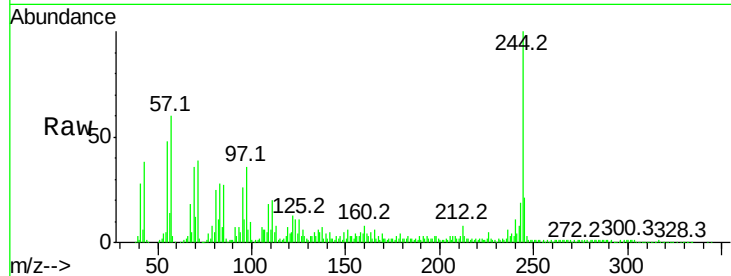
ClientSampled :

CF-1

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.5	5.8	8.6	
122	12.6	5.9	8.9	

Manual Integrations
APPROVED

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#82

Chrysene

Concen: 2.36 ng m

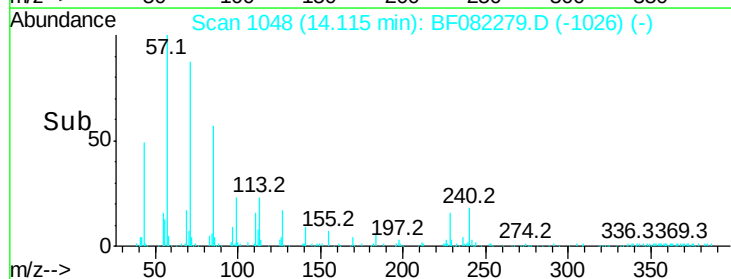
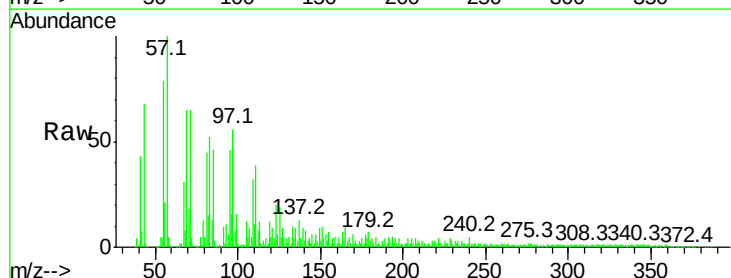
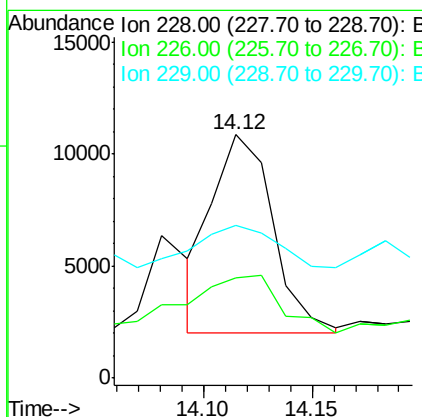
RT: 14.12 min Scan# 1048

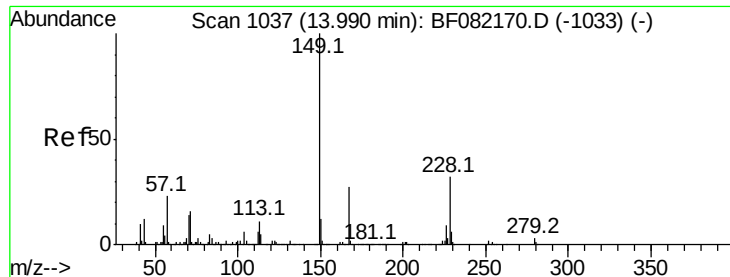
Delta R.T. -0.05 min

Lab File: BF082279.D

Acq: 14 Oct 2015 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	41.1	24.4	36.6	#
229	62.9	16.3	24.5	#





#83

Bis(2-ethylhexyl)phthalate

Concen: 109.23 ng

RT: 14.08 min Scan# 1045

Delta R.T. -0.03 min

Lab File: BF082279.D

Acq: 14 Oct 2015 15:01

Instrument :

BNA_F

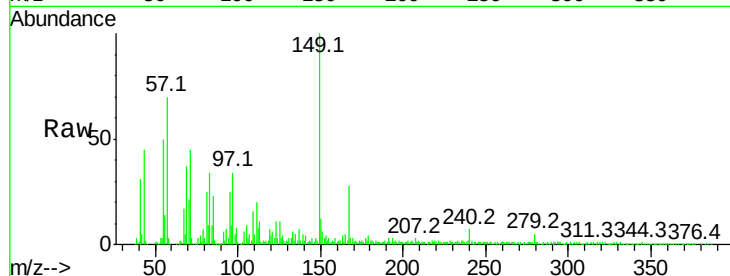
ClientSampleId :

CF-1

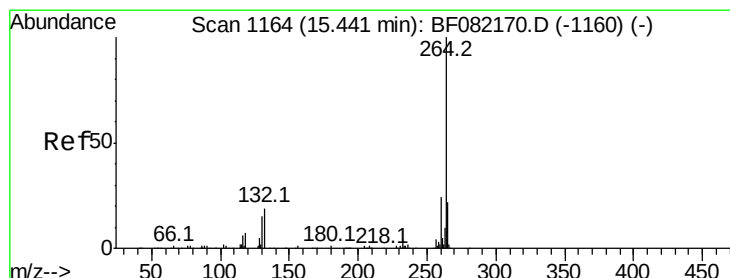
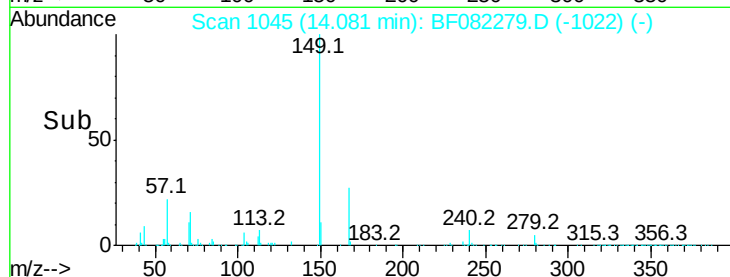
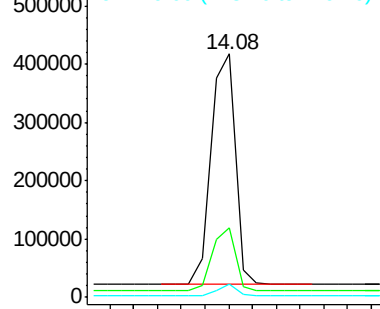
Tot Ion:	149	Resp:	564359
Ion Ratio	Lower	Upper	
149	100		
167	28.5	21.3	31.9
279	5.3	2.6	4.0#

Manual Integrations
APPROVED

MMdadoda
10/15/2015 4:55:38 PM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

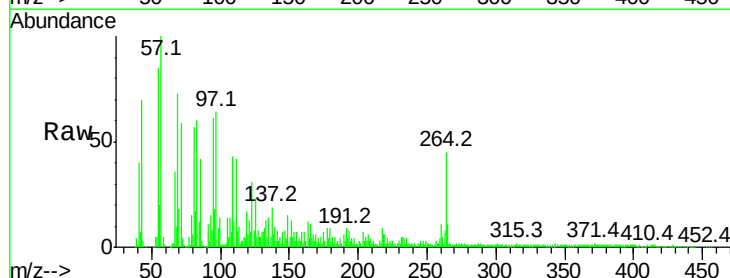
RT: 15.67 min Scan# 1184

Delta R.T. -0.07 min

Lab File: BF082279.D

Acq: 14 Oct 2015 15:01

Tgt Ion:	264	Resp:	135111
Ion Ratio	Lower	Upper	
264	100		
260	25.5	19.0	28.6
265	24.2	17.3	25.9



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

