

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
 Data File : BF082508.D
 Acq On : 24 Oct 2015 12:31
 Operator : UM/IZ
 Sample : G4119-04RE
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB15-27-2.5-3RE

Manual Integrations
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MmDadoda
 10/26/2015 7:23:02 PM

Quant Time: Oct 26 15:27:30 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 15:17:13 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	100896	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	377230	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	169151	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	246106	20.00	ng	0.00
75) Chrysene-d12	13.99	240	212291	20.00	ng	-0.05
86) Perylene-d12	15.51	264	176929	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	122384	24.48	ng	0.03
7) Phenol-d6	6.42	99	623323	95.81	ng	0.00
23) Nitrobenzene-d5	7.33	82	382817	68.15	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	1732	1.09	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	842658	82.61	ng	0.00
78) Terphenyl-d14	12.89	244	565817	70.63	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.43	94	16492	2.20	ng	81
37) 2-Methylnaphthalene	8.77	142	47347	4.18	ng	100
49) Dimethylphthalate	9.53	163	236705	19.87	ng	98
70) Phenanthrene	11.31	178	109027	9.04	ng	98
71) Anthracene	11.37	178	25969m	2.09	ng	
74) Fluoranthene	12.51	202	134989	10.42	ng	97
77) Pyrene	12.74	202	135371	10.74	ng	98
79) Butylbenzylphthalate	13.37	149	38971	6.78	ng	94
80) Benzo(a)anthracene	13.98	228	49544m	4.49	ng	
82) Chrysene	14.01	228	48416	4.16	ng	96
83) Bis(2-ethylhexyl)phthalate	13.97	149	352713	43.00	ng	98
87) Benzo(b)fluoranthene	15.10	252	49726m	4.62	ng	
91) Benzo(g,h,i)perylene	17.33	276	14963	2.03	ng	# 73

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

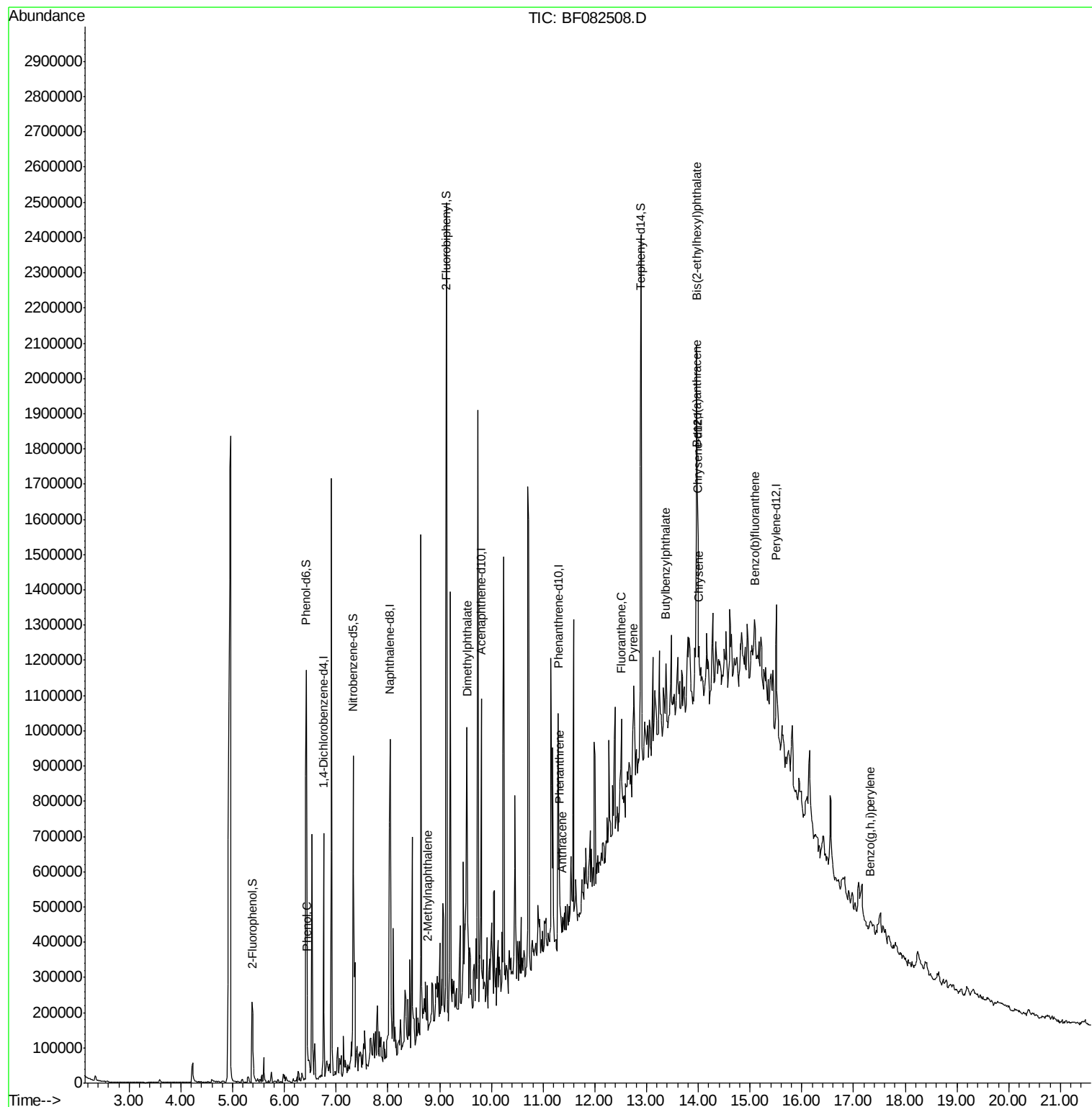
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
Data File : BF082508.D
Acq On : 24 Oct 2015 12:31
Operator : UM/IZ
Sample : G4119-04RE
Misc :
ALS Vial : 37 Sample Multiplier: 1

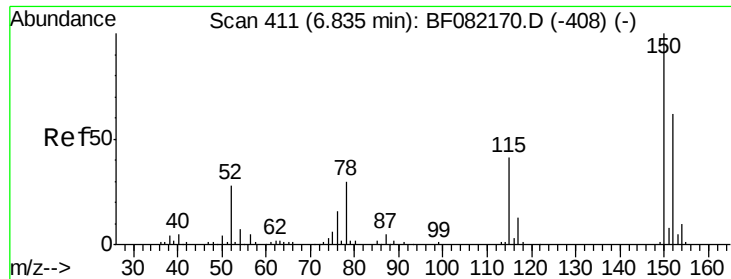
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Quant Time: Oct 26 15:27:30 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
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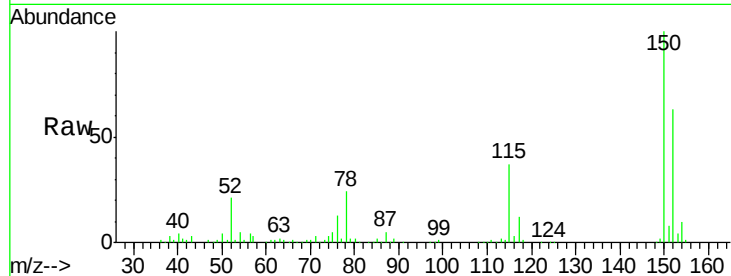




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 404
Delta R.T. -0.00 min
Lab File: BF082508.D
Acq: 24 Oct 2015 12:31

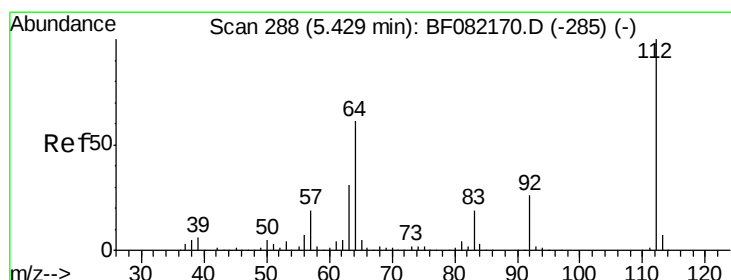
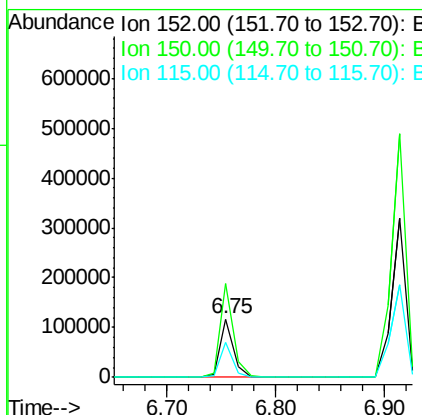
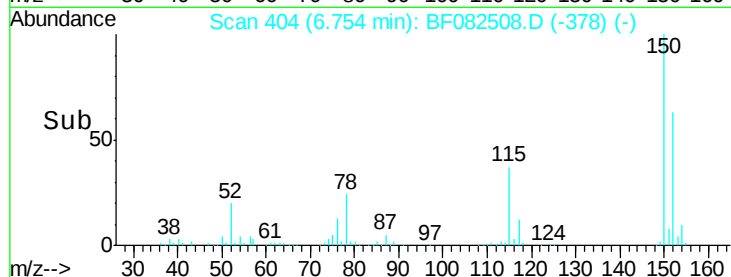
Instrument :
BNA_F
ClientSampleId :
SB15-27-2.5-3RE



Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.3	129.0	193.4
115	59.7	52.1	78.1

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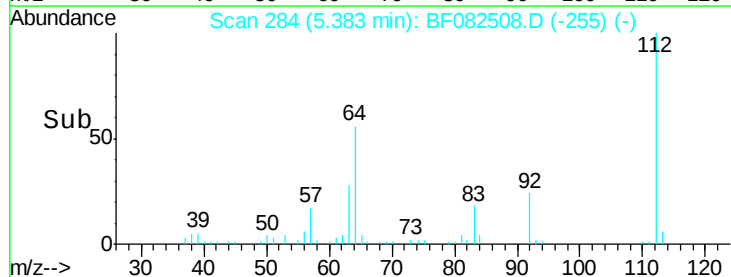
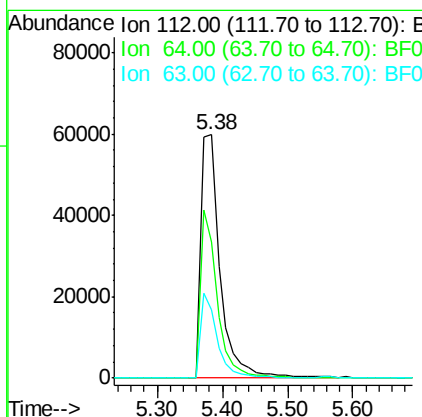
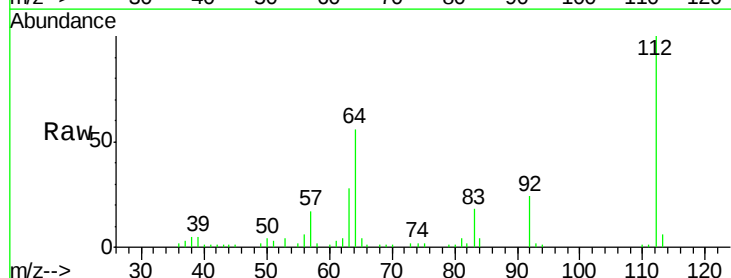
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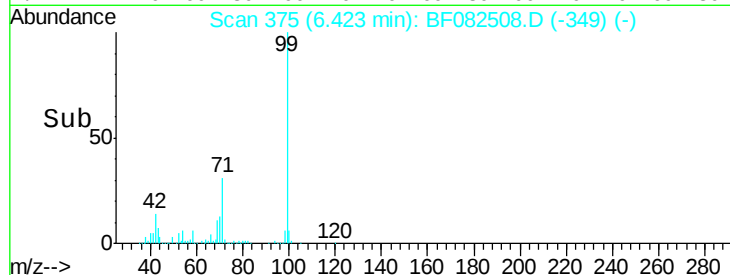
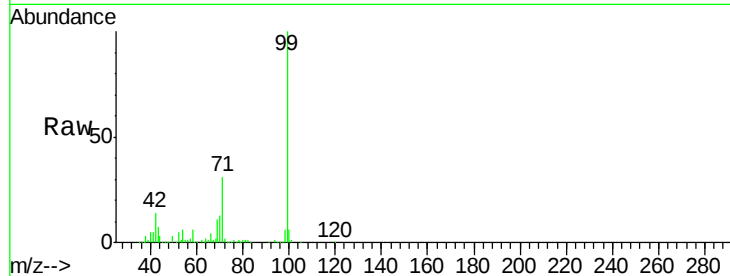


#5

2-Fluorophenol
Concen: 24.48 ng
RT: 5.38 min Scan# 284
Delta R.T. 0.03 min
Lab File: BF082508.D
Acq: 24 Oct 2015 12:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.2	48.6	73.0
63	28.0	25.1	37.7





#7

Phenol-d6

Concen: 95.81 ng

RT: 6.42 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF082508.D

Acq: 24 Oct 2015 12:31

Tgt Ion:	99	Resp:	623323
Ion Ratio	Lower	Upper	
99	100		
42	14.4	13.2	19.8
71	30.6	25.6	38.4

Instrument :

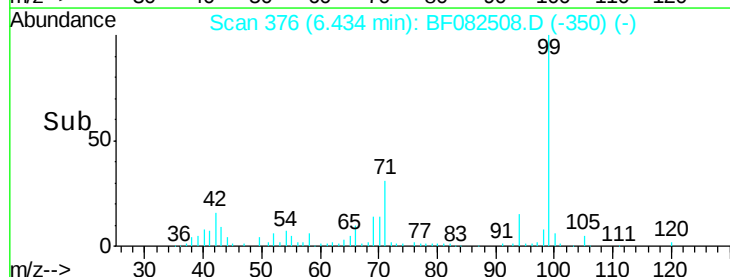
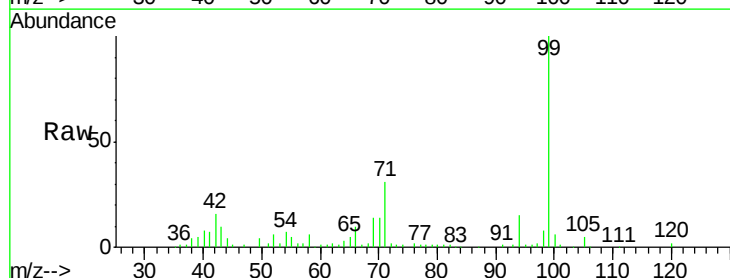
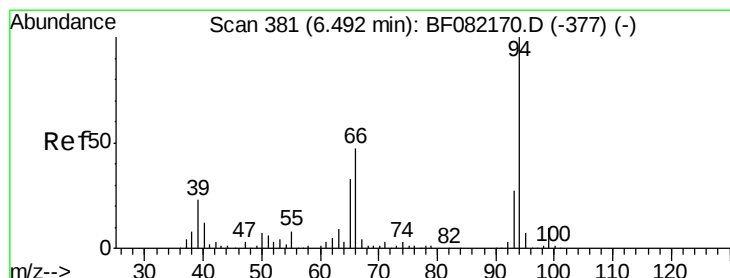
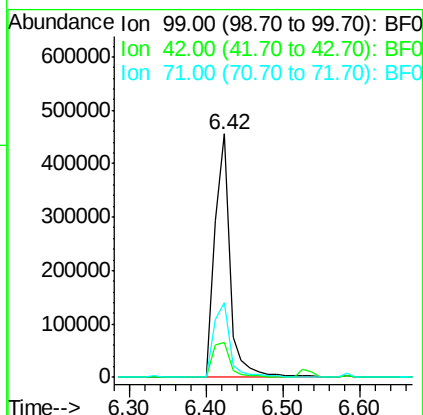
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ClientSampleId :

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#10

Phenol

Concen: 2.20 ng

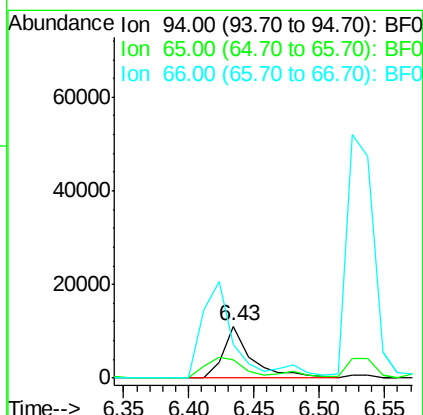
RT: 6.43 min Scan# 376

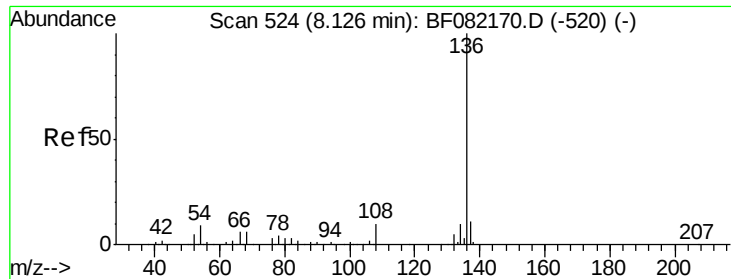
Delta R.T. -0.00 min

Lab File: BF082508.D

Acq: 24 Oct 2015 12:31

Tgt Ion:	94	Resp:	16492
Ion Ratio	Lower	Upper	
94	100		
65	35.1	12.6	52.6
66	66.4	27.3	67.3





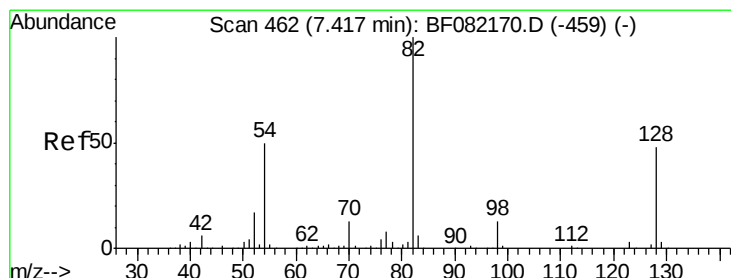
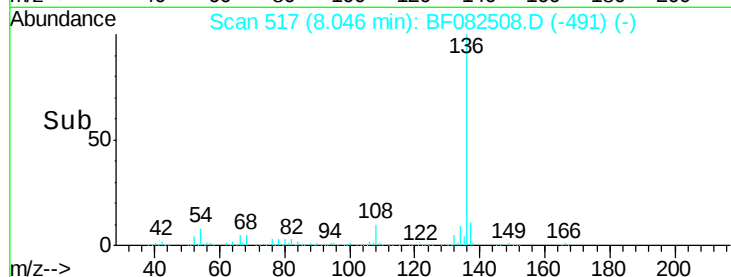
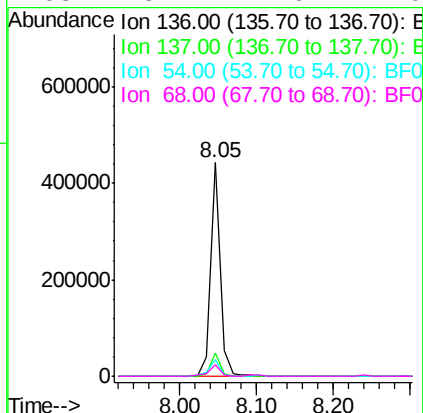
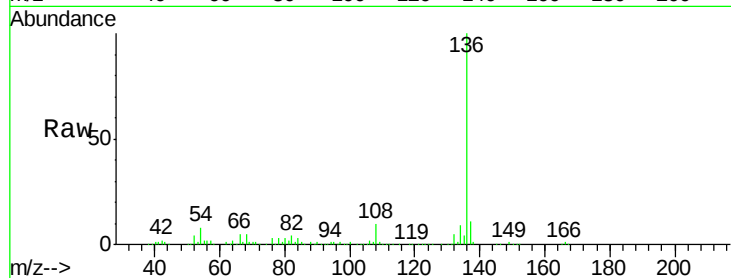
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 517
Delta R.T. -0.00 min
Lab File: BF082508.D
Acq: 24 Oct 2015 12:31

Instrument :
BNA_F
ClientSampleId :
SB15-27-2.5-3RE

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	377230		
137	10.9	9.0	13.6	
54	7.9	7.5	11.3	
68	5.2	4.6	7.0	

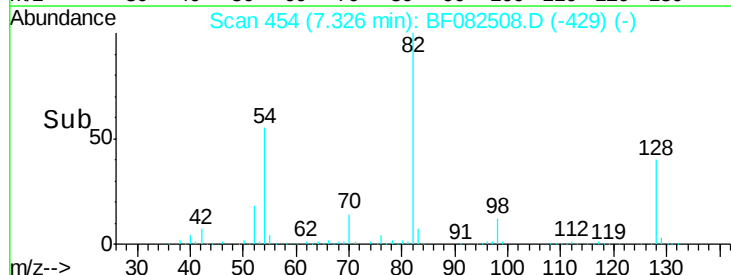
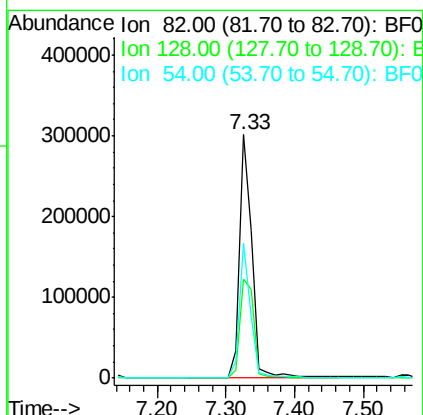
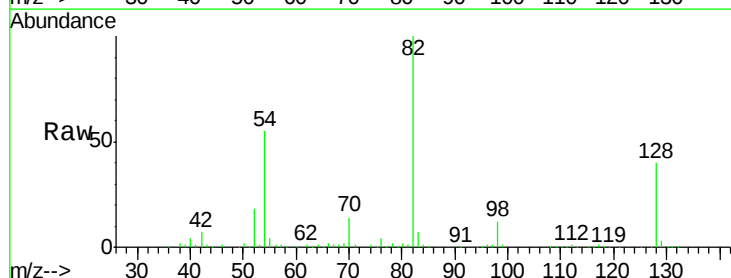
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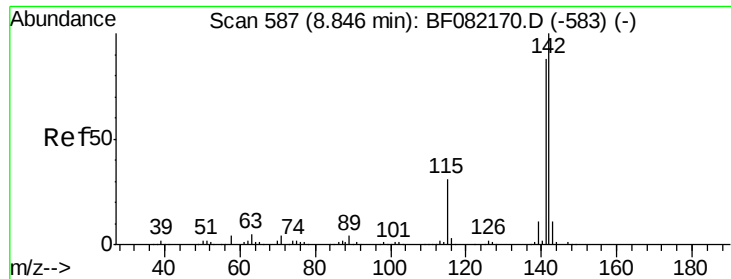
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#23
Nitrobenzene-d5
Concen: 68.15 ng
RT: 7.33 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF082508.D
Acq: 24 Oct 2015 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	382817		
128	40.4	38.7	58.1	
54	55.2	40.1	60.1	





#37

2-Methylnaphthalene

Concen: 4.18 ng

RT: 8.77 min Scan# 580

Delta R.T. -0.00 min

Lab File: BF082508.D

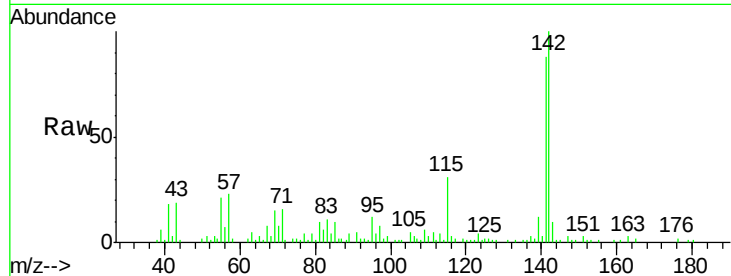
Acq: 24 Oct 2015 12:31

Instrument :

BNA_F

ClientSampleId :

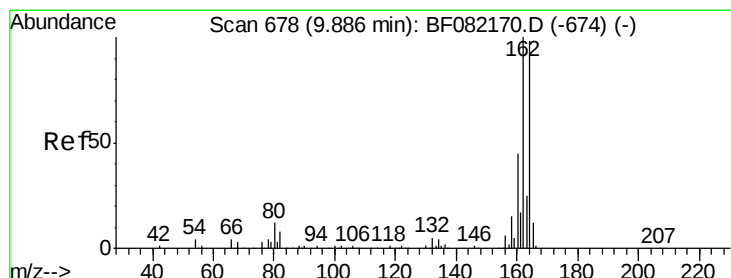
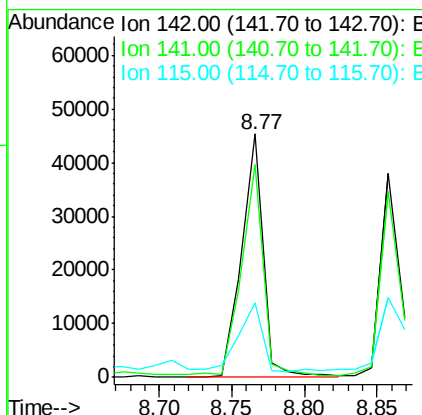
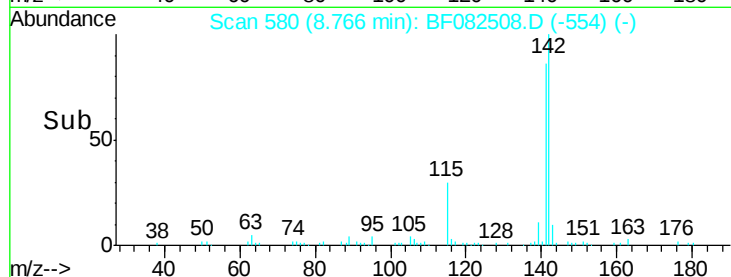
SB15-27-2.5-3RE



Tgt Ion:	142	Resp:	47347
Ion Ratio	Lower	Upper	
142	100		
141	87.6	70.4	105.6
115	30.6	24.6	37.0

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#38

Acenaphthene-d10

Concen: 20.00 ng

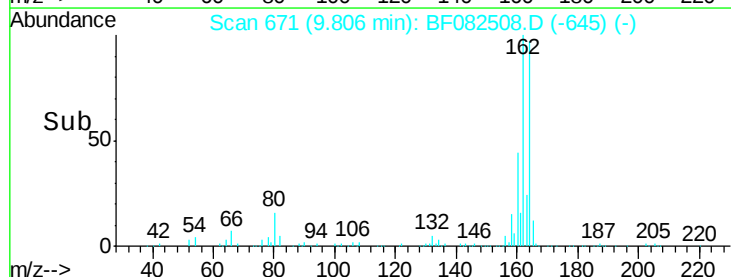
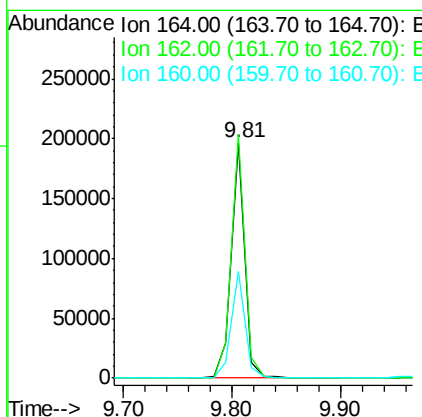
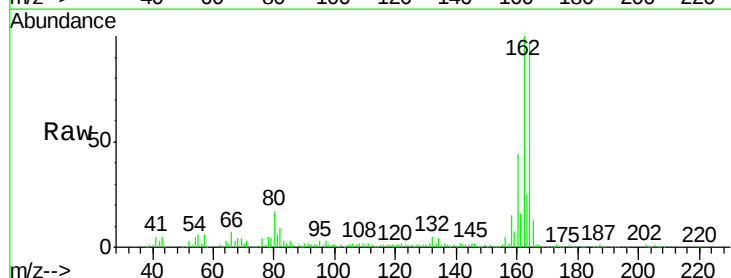
RT: 9.81 min Scan# 671

Delta R.T. -0.00 min

Lab File: BF082508.D

Acq: 24 Oct 2015 12:31

Tgt Ion:	164	Resp:	169151
Ion Ratio	Lower	Upper	
164	100		
162	103.5	81.6	122.4
160	45.5	36.4	54.6





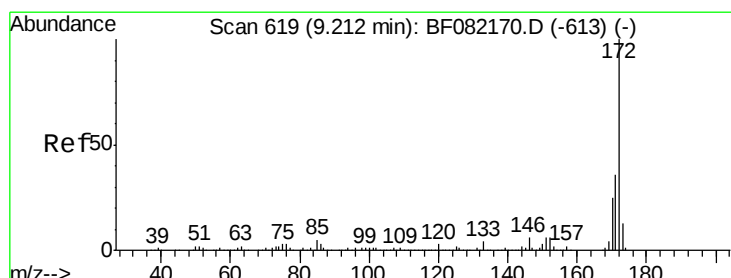
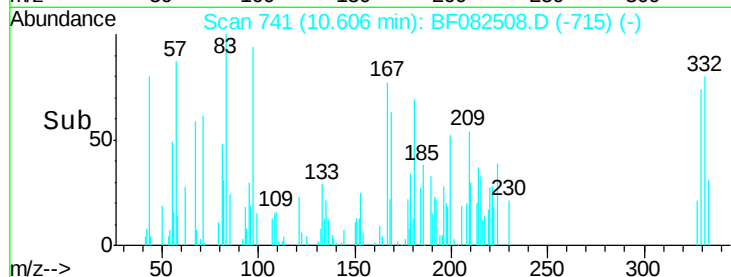
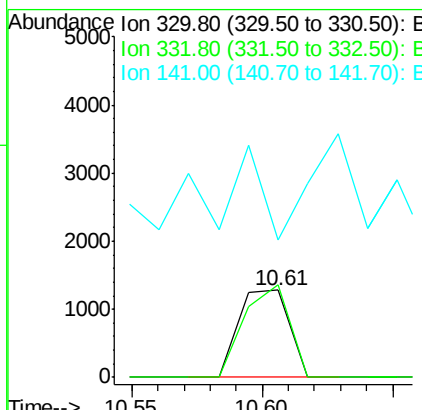
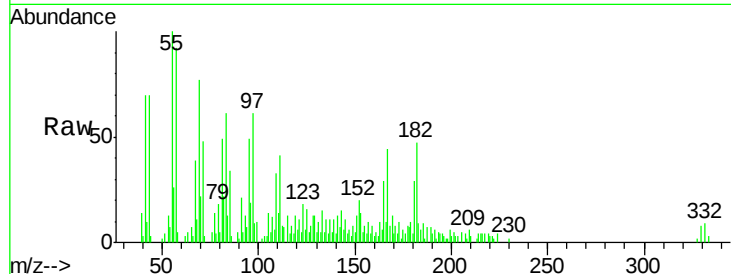
#41
 2,4,6-Tribromophenol
 Concen: 1.09 ng
 RT: 10.61 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BF082508.D
 Acq: 24 Oct 2015 12:31

Instrument :
 BNA_F
 ClientSampleId :
 SB15-27-2.5-3RE

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.1	115.7
141	0.0	29.8	44.8

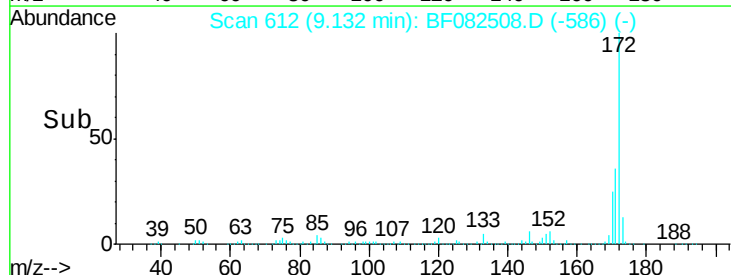
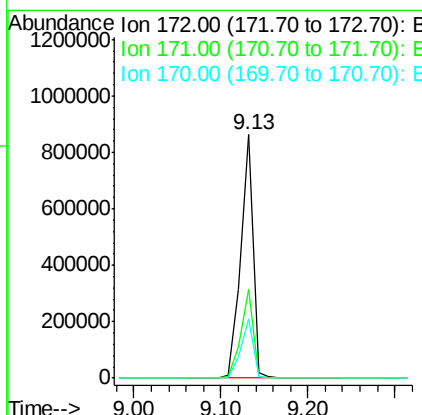
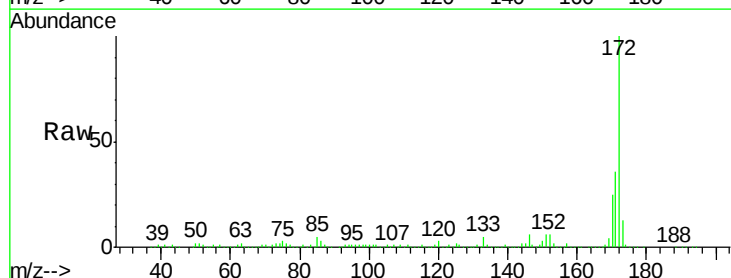
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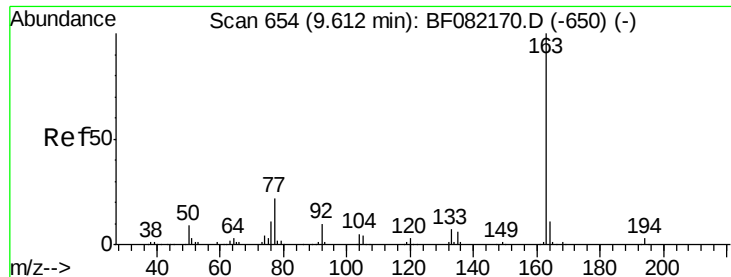
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#44
 2-Fluorobiphenyl
 Concen: 82.61 ng
 RT: 9.13 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF082508.D
 Acq: 24 Oct 2015 12:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	42.8
170	24.5	19.7	29.5





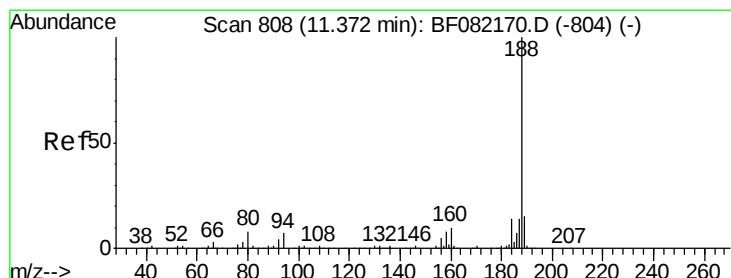
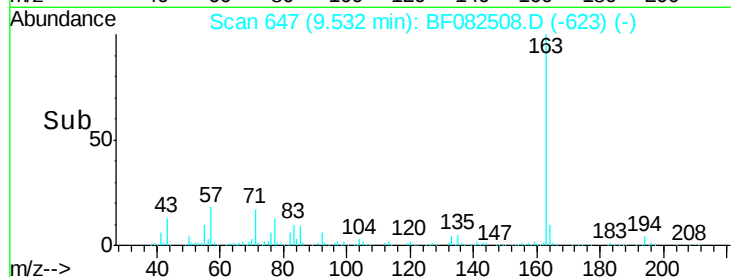
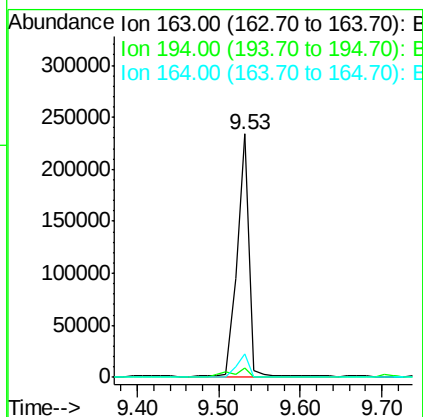
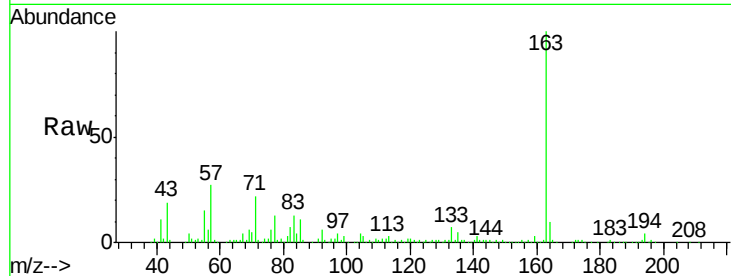
#49
Dimethylphthalate
Concen: 19.87 ng
RT: 9.53 min Scan# 647
Delta R.T. -0.02 min
Lab File: BF082508.D
Acq: 24 Oct 2015 12:31

Instrument :
BNA_F
ClientSampleId :
SB15-27-2.5-3RE

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	236705		
194	3.8	2.6	4.0	
164	9.8	8.5	12.7	

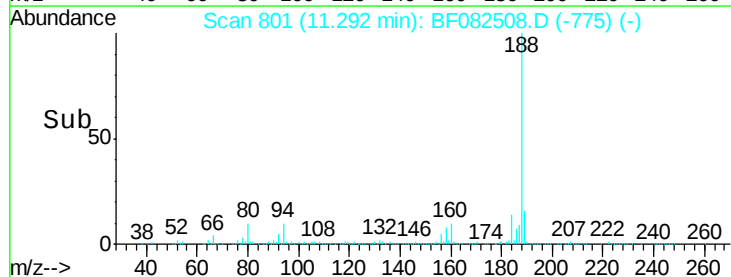
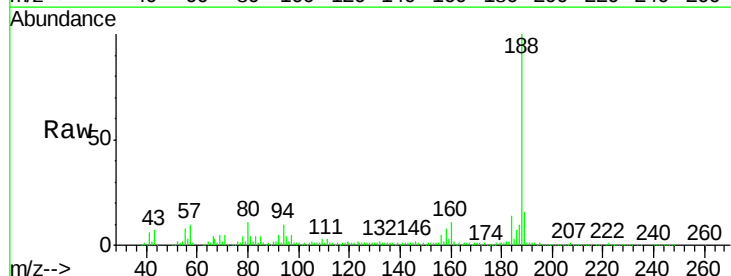
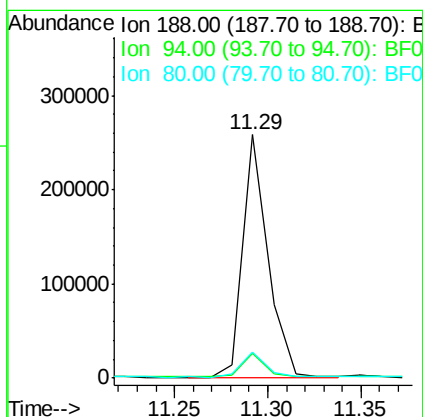
Manual Integrations
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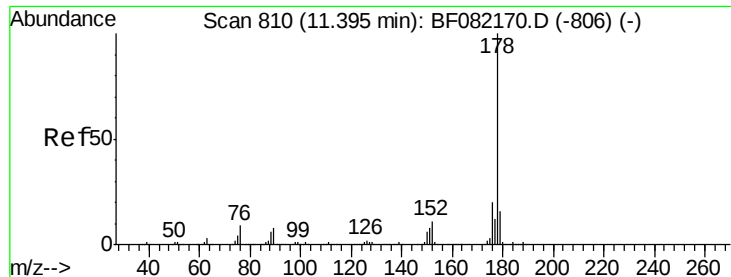
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF082508.D
Acq: 24 Oct 2015 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	246106		
94	10.1	5.8	8.6#	
80	10.9	6.4	9.6#	





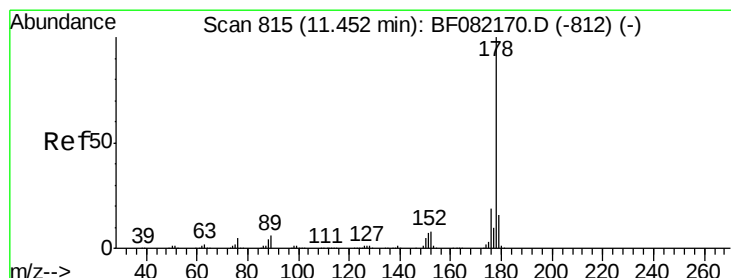
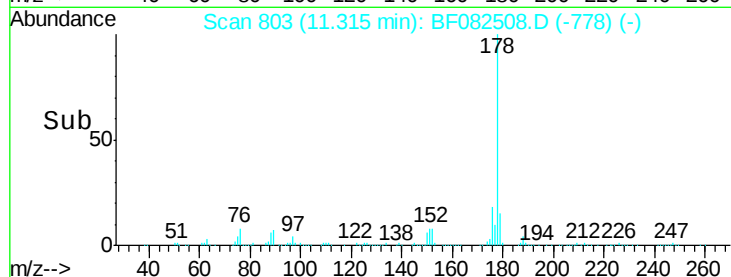
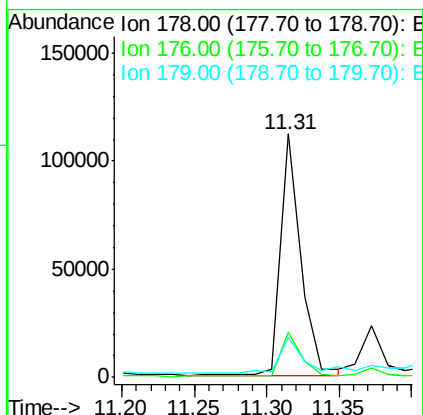
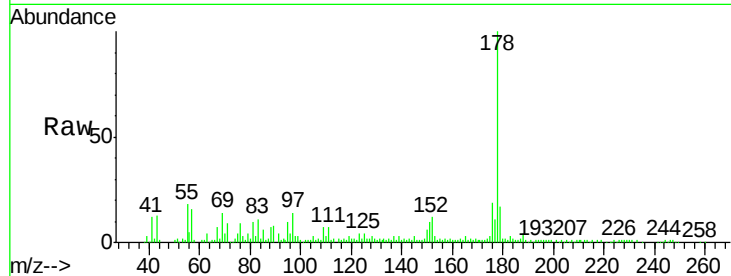
#70
Phenanthrene
Concen: 9.04 ng
RT: 11.31 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF082508.D
Acq: 24 Oct 2015 12:31

Instrument :
BNA_F
ClientSampleId :
SB15-27-2.5-3RE

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.0	24.0
179	16.6	12.6	19.0

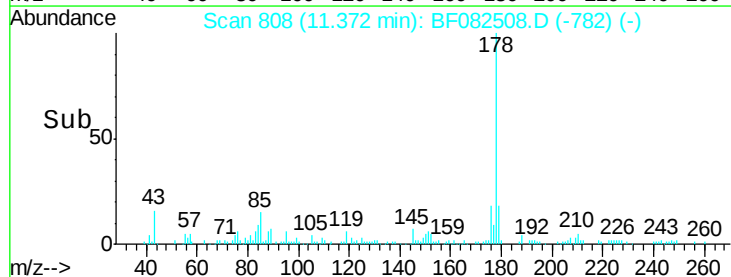
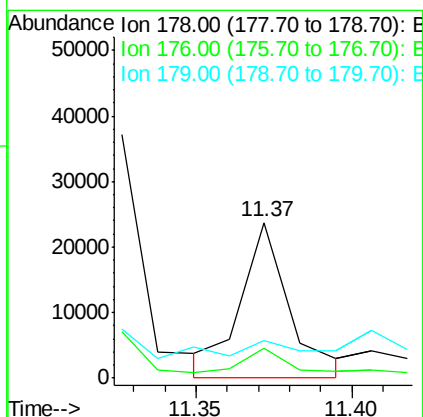
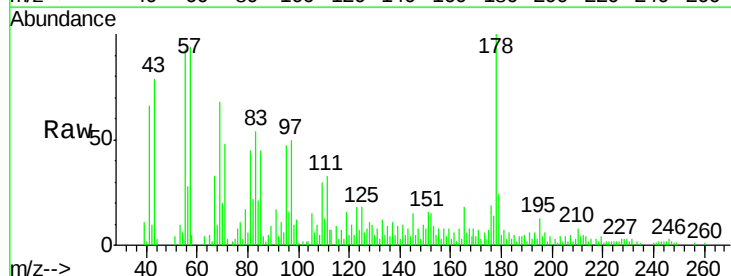
Manual Integrations
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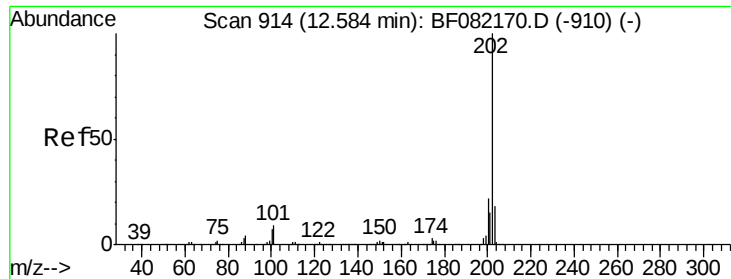
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#71
Anthracene
Concen: 2.09 ng m
RT: 11.37 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF082508.D
Acq: 24 Oct 2015 12:31

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.0
179	23.8	12.5	18.7#





#74

Fluoranthene

Concen: 10.42 ng

RT: 12.51 min Scan# 908

Delta R.T. -0.00 min

Lab File: BF082508.D

Acq: 24 Oct 2015 12:31

Instrument :

BNA_F

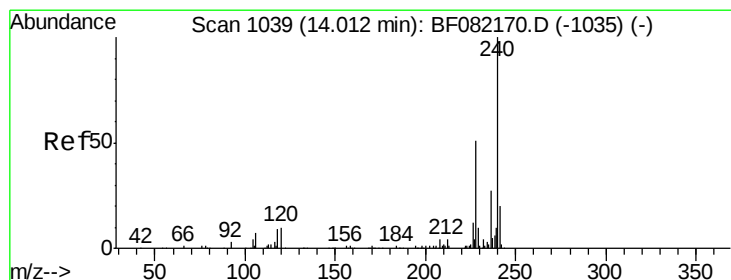
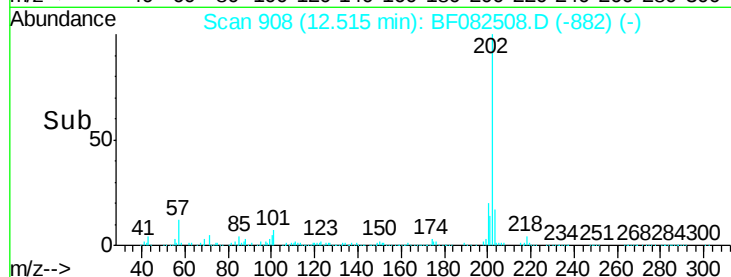
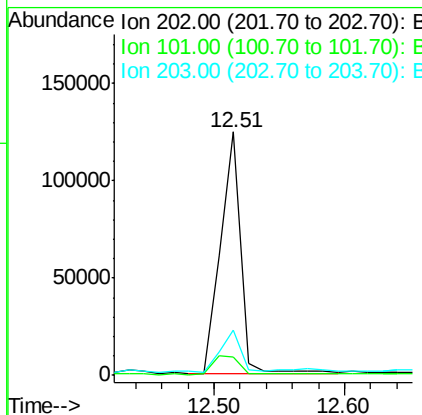
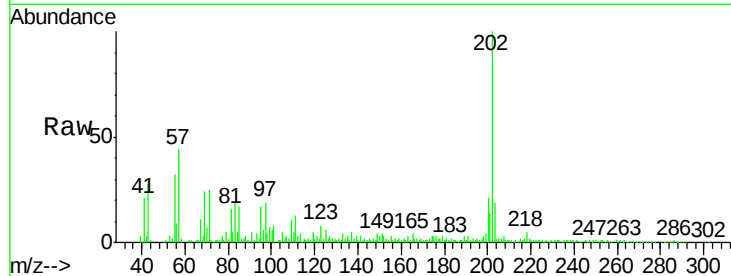
ClientSampleId :

SB15-27-2.5-3RE

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	134989		
101	7.7	0.0	29.3	
203	18.7	0.0	37.8	

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#75

Chrysene-d12

Concen: 20.00 ng

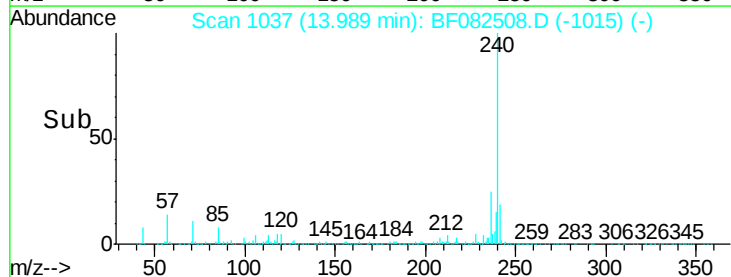
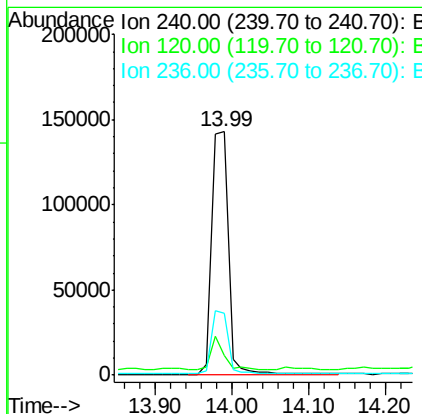
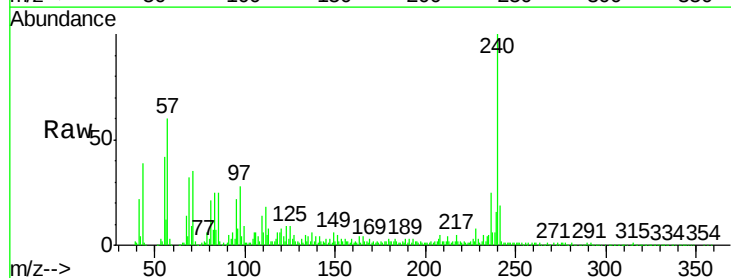
RT: 13.99 min Scan# 1037

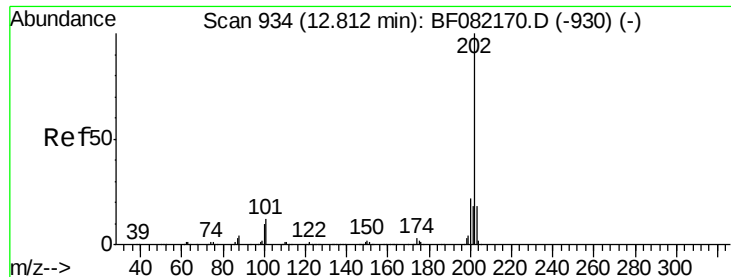
Delta R.T. -0.05 min

Lab File: BF082508.D

Acq: 24 Oct 2015 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	212291		
120	7.9	8.1	12.1#	
236	25.4	21.3	31.9	





#77

Pyrene

Concen: 10.74 ng

RT: 12.74 min Scan# 928

Delta R.T. -0.00 min

Lab File: BF082508.D

Acq: 24 Oct 2015 12:31

Instrument :

BNA_F

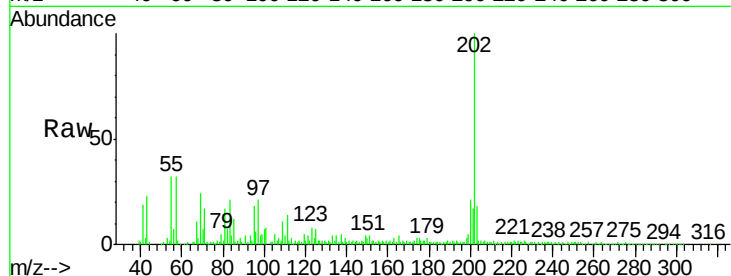
ClientSampleId :

SB15-27-2.5-3RE

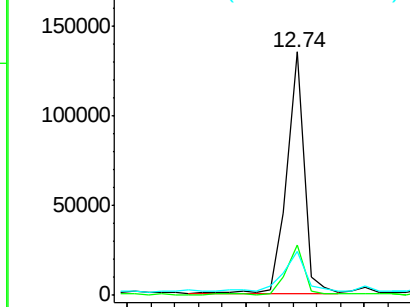
Tgt	Ion	Ratio	Resp	Lower	Upper
202	100				
200	20.7	17.9	26.9		
203	18.0	14.5	21.7		

Manual Integrations
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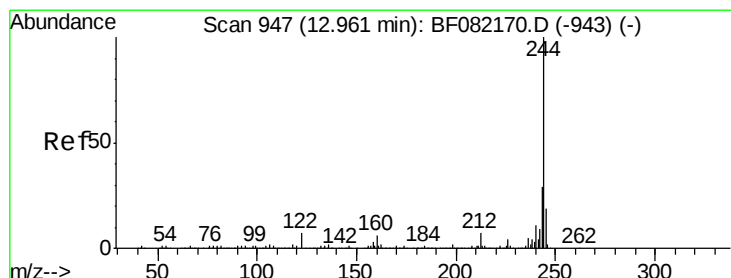
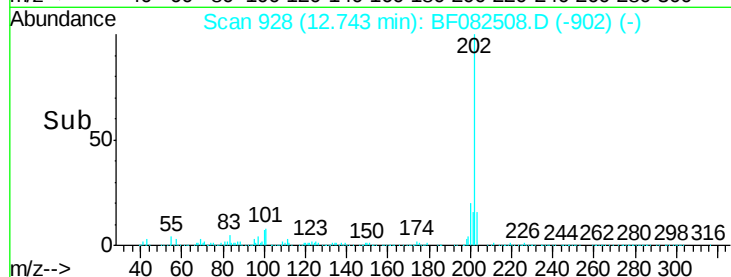
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->



#78

Terphenyl-d14

Concen: 70.63 ng

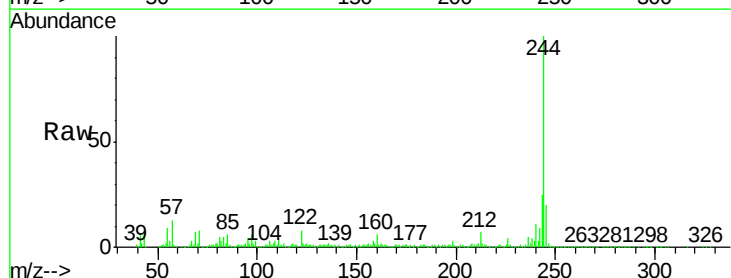
RT: 12.89 min Scan# 941

Delta R.T. -0.01 min

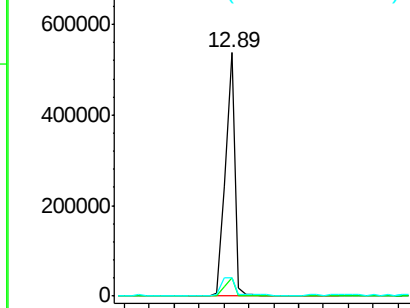
Lab File: BF082508.D

Acq: 24 Oct 2015 12:31

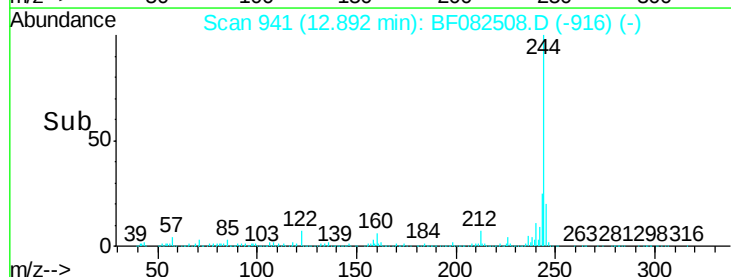
Tgt	Ion	Ratio	Resp	Lower	Upper
244	100				
212	7.4	5.8	8.6		
122	7.6	5.9	8.9		

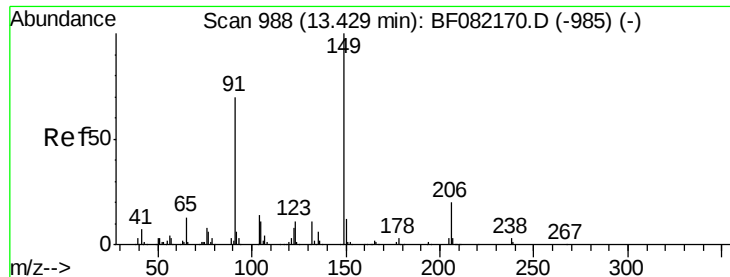


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time-->





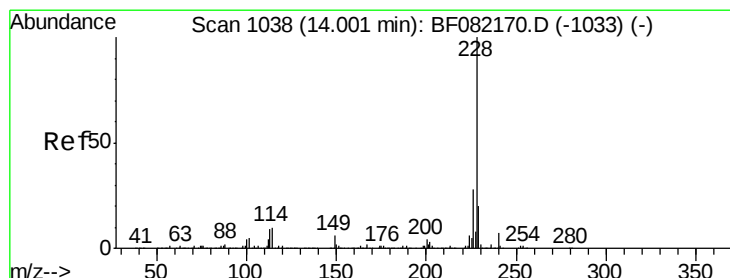
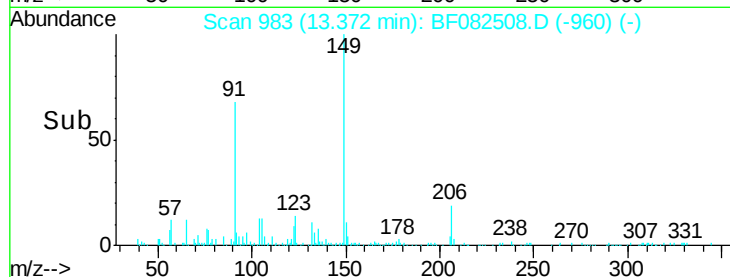
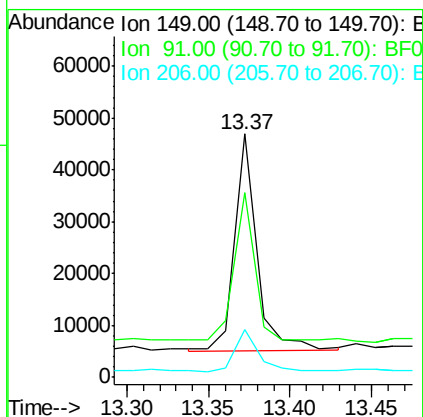
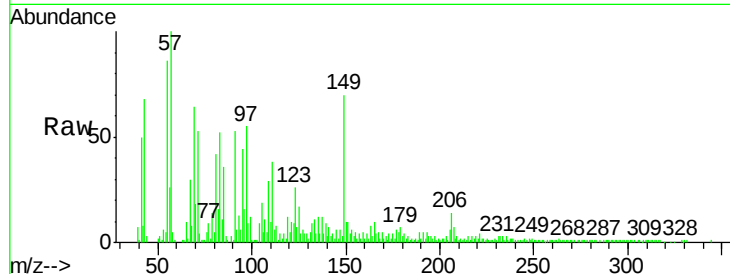
#79
Butylbenzylphthalate
Concen: 6.78 ng
RT: 13.37 min Scan# 983
Delta R.T. -0.03 min
Lab File: BF082508.D
Acq: 24 Oct 2015 12:31

Instrument :
BNA_F
ClientSampleId :
SB15-27-2.5-3RE

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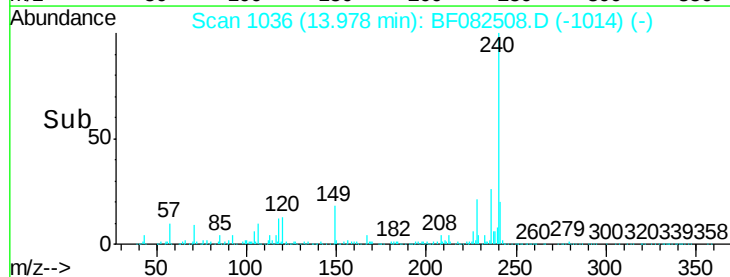
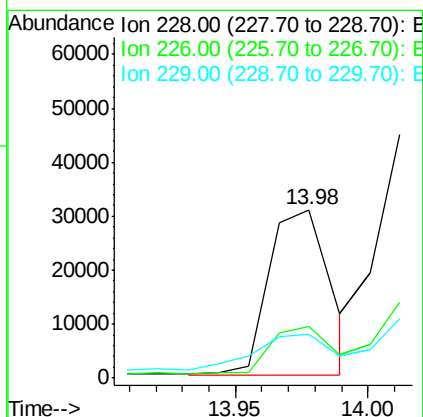
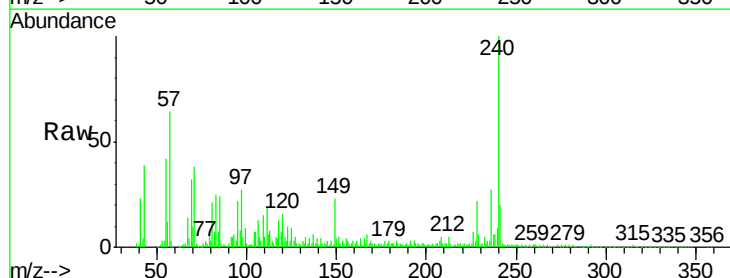
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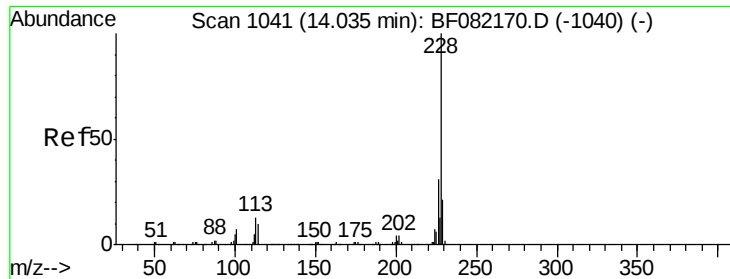
Tgt Ion	Ratio	Lower	Upper
149	100		
91	76.0	55.7	83.5
206	19.4	15.6	23.4



#80
Benzo(a)anthracene
Concen: 4.49 ng m
RT: 13.98 min Scan# 1036
Delta R.T. -0.05 min
Lab File: BF082508.D
Acq: 24 Oct 2015 12:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.3	33.5
229	25.8	16.2	24.2





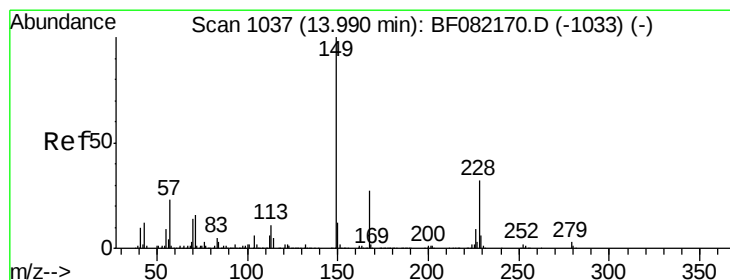
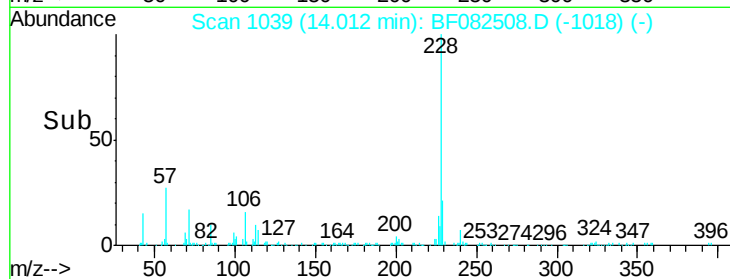
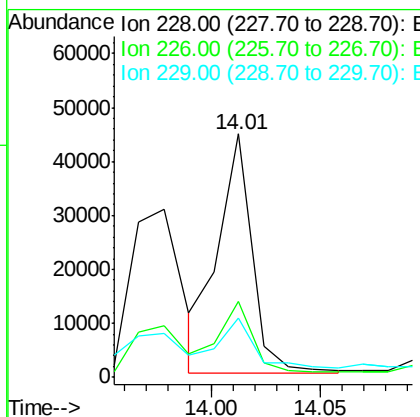
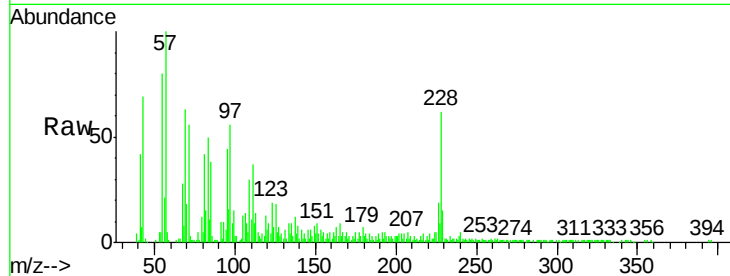
#82
Chrysene
Concen: 4.16 ng
RT: 14.01 min Scan# 1039
Delta R.T. -0.06 min
Lab File: BF082508.D
Acq: 24 Oct 2015 12:31

Instrument :
BNA_F
ClientSampleId :
SB15-27-2.5-3RE

Tgt Ion:	228	Resp:	48416
Ion Ratio	Lower	Upper	
228	100		
226	31.0	24.4	36.6
229	24.2	16.3	24.5

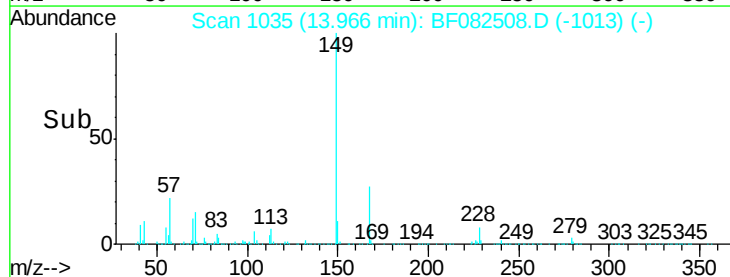
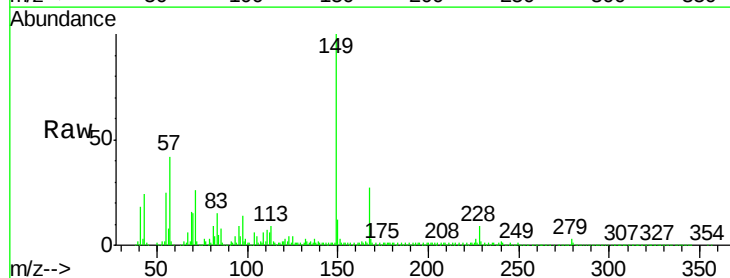
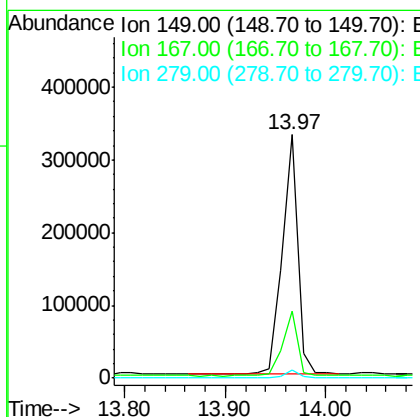
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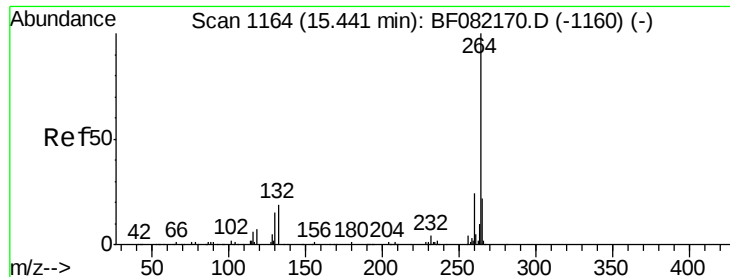
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#83
Bis(2-ethylhexyl)phthalate
Concen: 43.00 ng
RT: 13.97 min Scan# 1035
Delta R.T. -0.05 min
Lab File: BF082508.D
Acq: 24 Oct 2015 12:31

Tgt Ion:	149	Resp:	352713
Ion Ratio	Lower	Upper	
149	100		
167	27.5	21.3	31.9
279	3.4	2.6	4.0





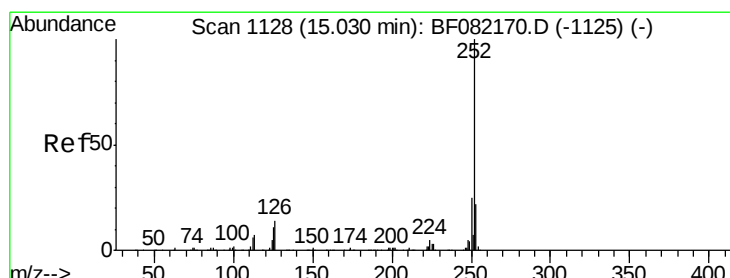
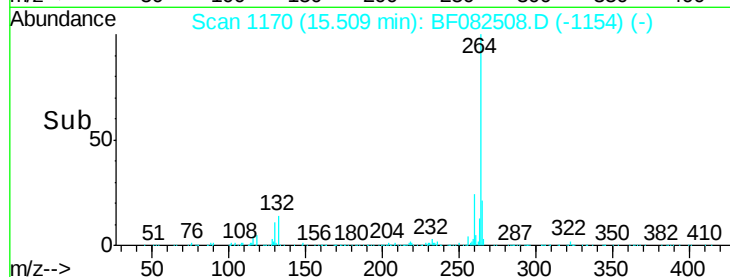
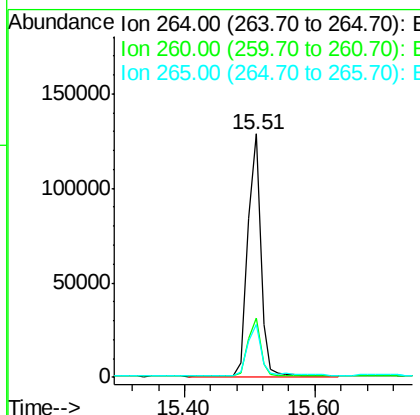
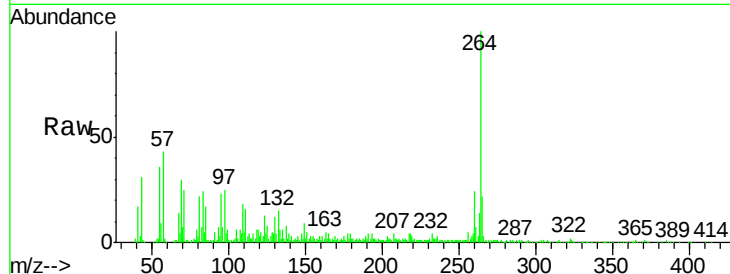
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1170
Delta R.T. -0.11 min
Lab File: BF082508.D
Acq: 24 Oct 2015 12:31

Instrument :
BNA_F
ClientSampleId :
SB15-27-2.5-3RE

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.0	28.6
265	22.0	17.3	25.9

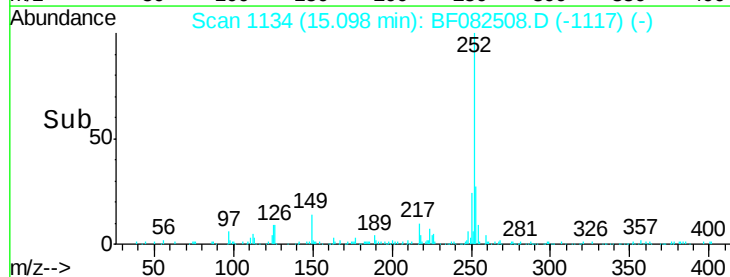
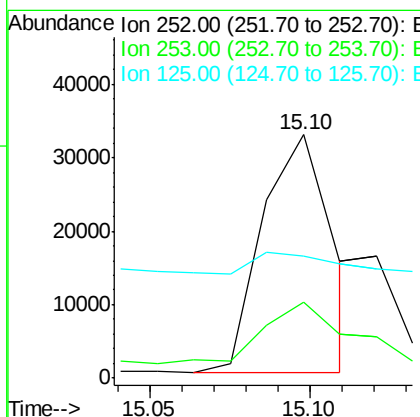
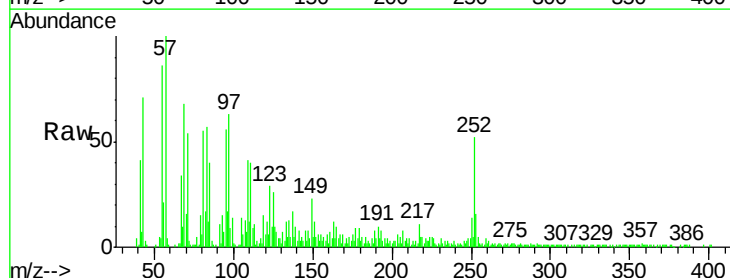
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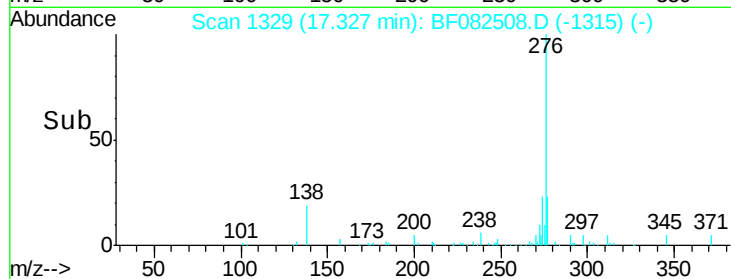
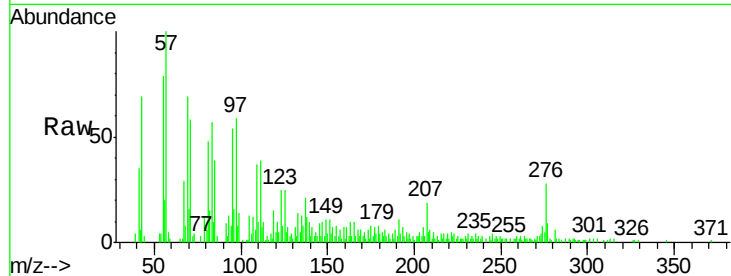
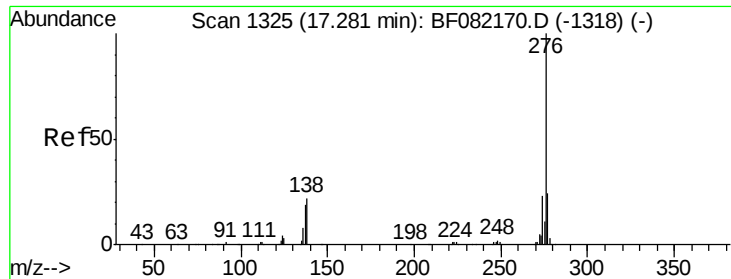
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#87
Benzo(b)fluoranthene
Concen: 4.62 ng m
RT: 15.10 min Scan# 1134
Delta R.T. -0.10 min
Lab File: BF082508.D
Acq: 24 Oct 2015 12:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.3	18.0	27.0#
125	50.0	8.6	12.8#





#91
Benzo(g,h,i)perylene
Concen: 2.03 ng
RT: 17.33 min Scan# 1329
Delta R.T. -0.14 min
Lab File: BF082508.D
Acq: 24 Oct 2015 12:31

Instrument :
BNA_F
ClientSampleId :
SB15-27-2.5-3RE

Tgt Ion	Ratio	Lower	Upper
276	100		
277	30.8	18.8	28.2#
138	40.7	17.4	26.2#

Manual Integrations
APPROVED

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