

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
 Data File : BF082156.D
 Acq On : 9 Oct 2015 20:43
 Operator : UM/IZ
 Sample : G3928-01RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OS-SB-22(16-18)RE

Manual Integrations
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Quant Time: Oct 09 23:45:56 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 09 22:47:26 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	103360	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	397482	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	175793	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	298371	20.00	ng	0.00
75) Chrysene-d12	14.02	240	229427	20.00	ng	-0.01
86) Perylene-d12	15.46	264	194765	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	822806	144.51	ng	0.02
7) Phenol-d6	6.49	99	948949	132.45	ng	0.00
23) Nitrobenzene-d5	7.42	82	553400	92.81	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	227638	127.86	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	921581	88.41	ng	0.00
78) Terphenyl-d14	12.97	244	820358	138.94	ng	0.00
Target Compounds						
10) Phenol	6.50	94	50340	6.26	ng	# 63
20) 3+4-Methylphenols	7.27	107	23573	3.66	ng	# 82
49) Dimethylphthalate	9.61	163	252588	20.82	ng	# 97
74) Fluoranthene	12.60	202	45628	2.85	ng	87
77) Pyrene	12.82	202	47206	3.44	ng	97
82) Chrysene	14.05	228	18425m	2.01	ng	
83) Bis(2-ethylhexyl)phthalate	13.99	149	202405	31.29	ng	# 95

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

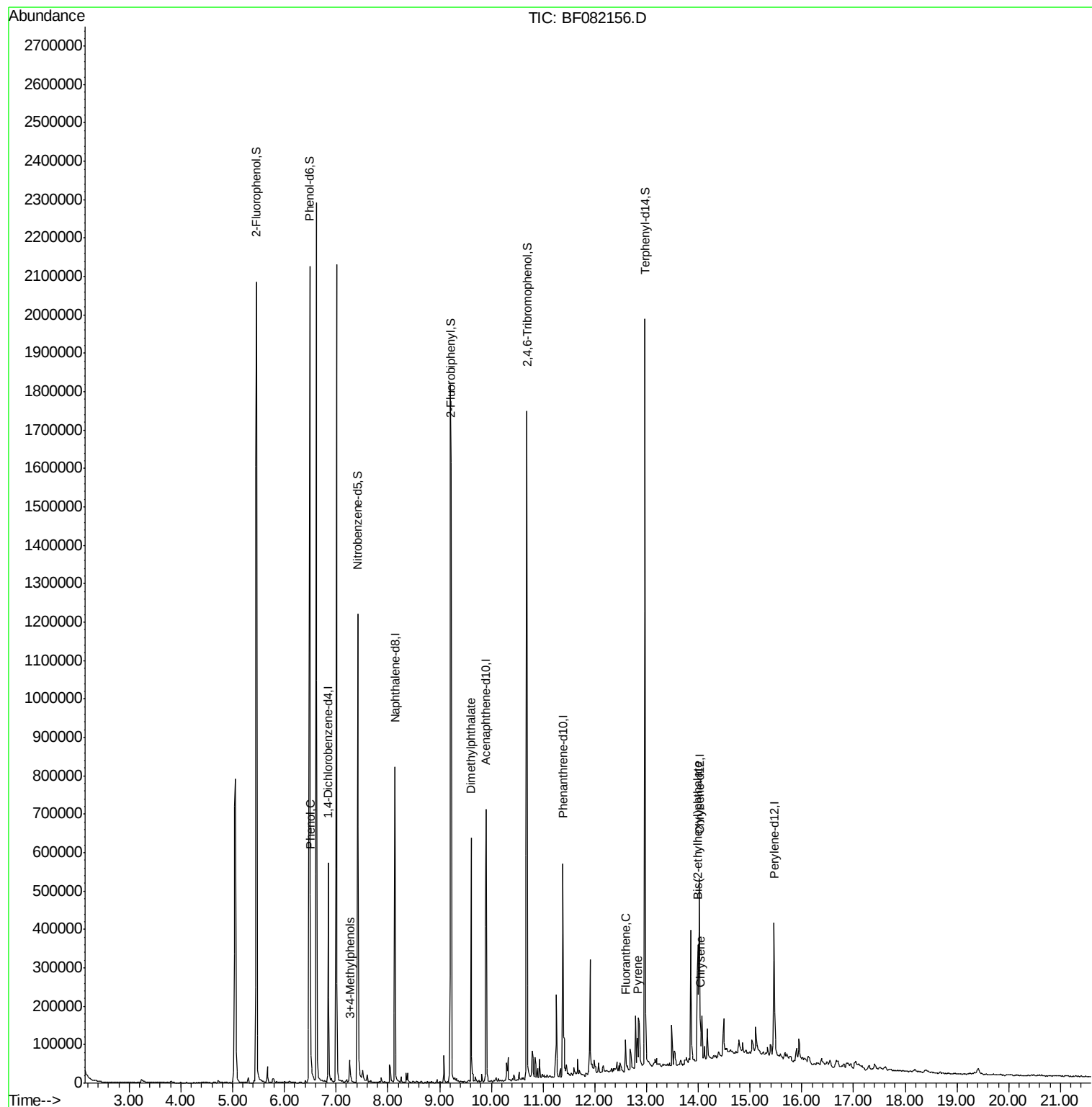
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
Data File : BF082156.D
Acq On : 9 Oct 2015 20:43
Operator : UM/IZ
Sample : G3928-01RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

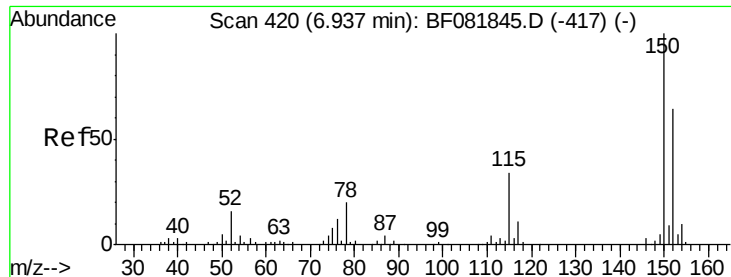
Instrument :
BNA_F
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OS-SB-22(16-18)RE

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Quant Time: Oct 09 23:45:56 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
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QLast Update : Fri Oct 09 22:47:26 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 412

Delta R.T. -0.01 min

Lab File: BF082156.D

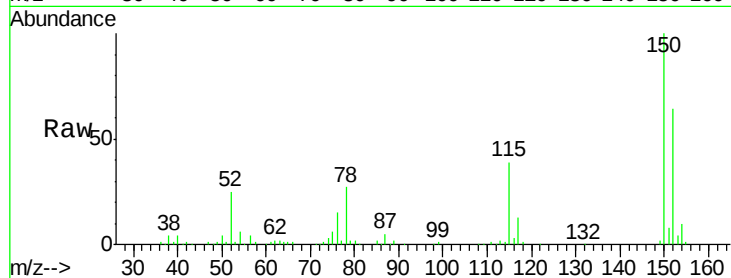
Acq: 9 Oct 2015 20:43

Instrument :

BNA_F

ClientSampleId :

OS-SB-22(16-18)RE



Tgt Ion:152 Resp: 103360

Ion Ratio Lower Upper

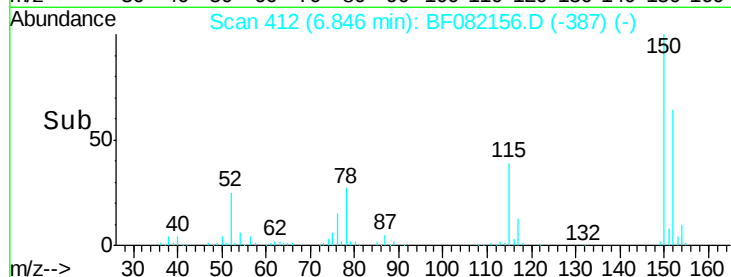
152 100

150 157.2 124.7 187.1

115 61.9 39.0 58.4#

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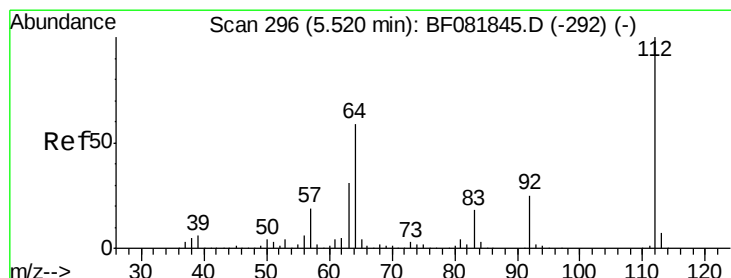
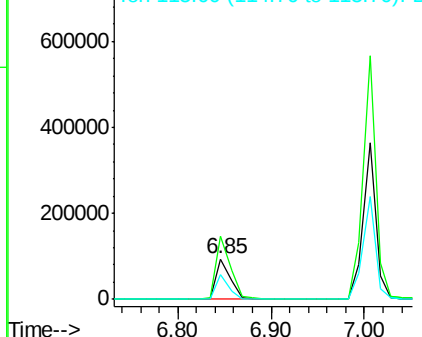
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 144.51 ng

RT: 5.46 min Scan# 291

Delta R.T. 0.02 min

Lab File: BF082156.D

Acq: 9 Oct 2015 20:43

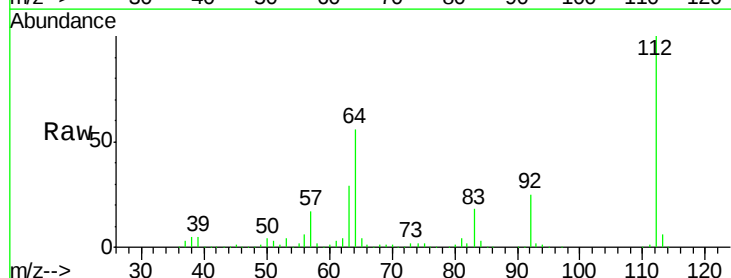
Tgt Ion:112 Resp: 822806

Ion Ratio Lower Upper

112 100

64 55.6 39.7 59.5

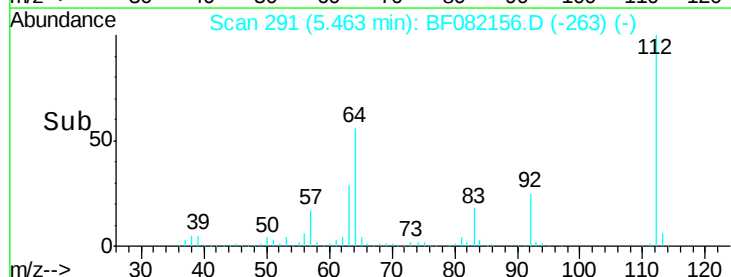
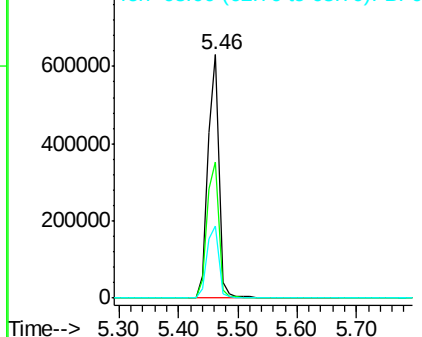
63 29.5 17.4 26.0#

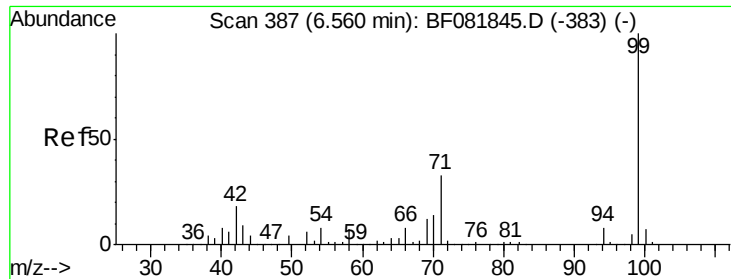


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 132.45 ng

RT: 6.49 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF082156.D

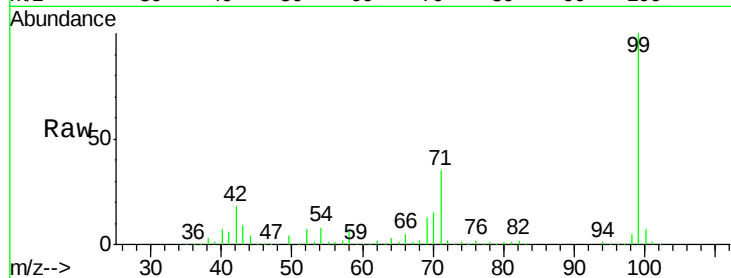
Acq: 9 Oct 2015 20:43

Instrument :

BNA_F

ClientSampleId :

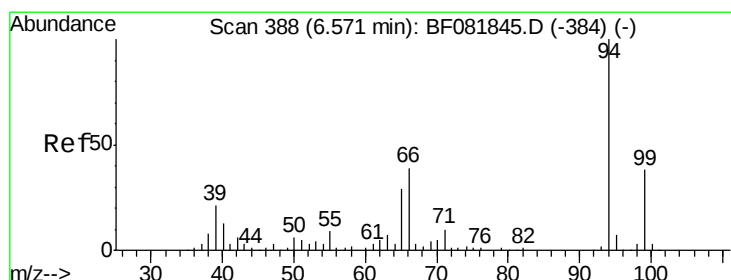
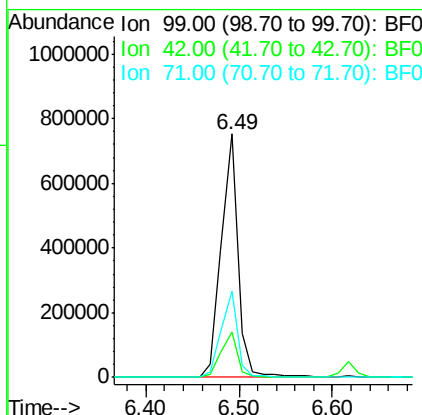
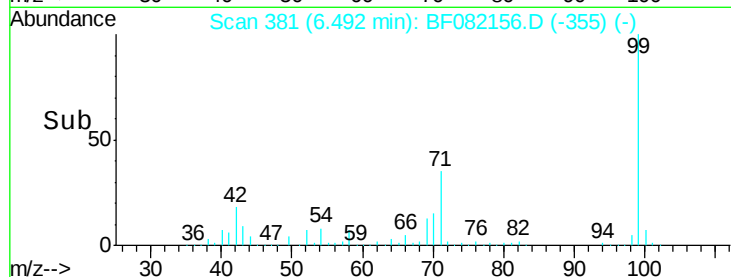
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Tgt Ion:	99	Resp:	948949
Ion Ratio	Lower	Upper	
99	100		
42	18.4	13.7	20.5
71	35.2	14.2	21.2#

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#10

Phenol

Concen: 6.26 ng

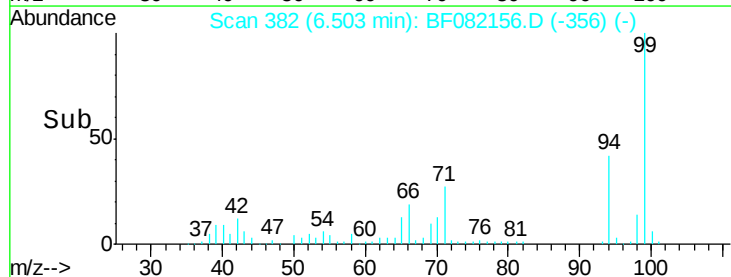
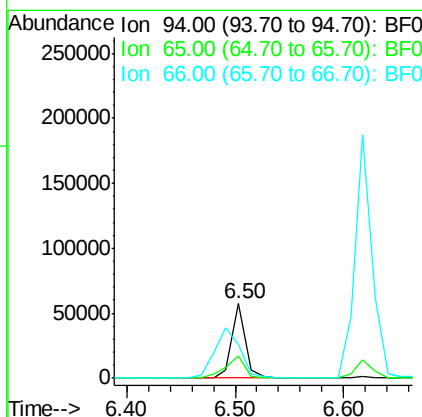
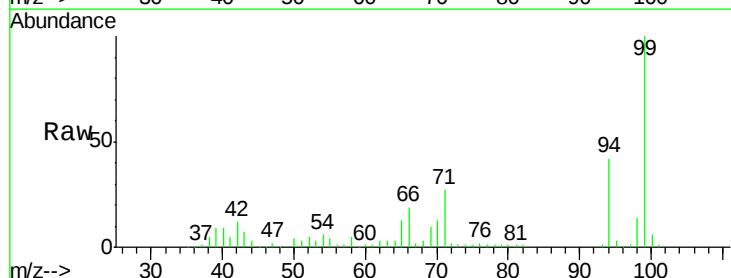
RT: 6.50 min Scan# 382

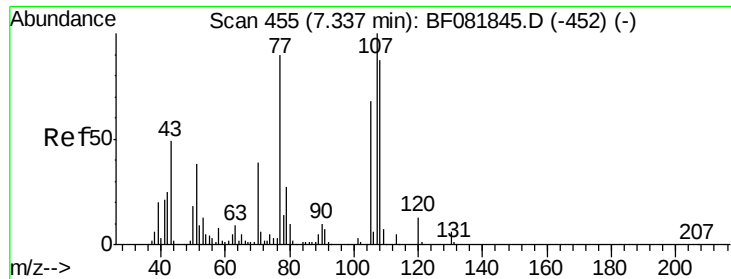
Delta R.T. -0.00 min

Lab File: BF082156.D

Acq: 9 Oct 2015 20:43

Tgt Ion:	94	Resp:	50340
Ion Ratio	Lower	Upper	
94	100		
65	29.9	0.7	40.7
66	45.7	0.8	40.8#





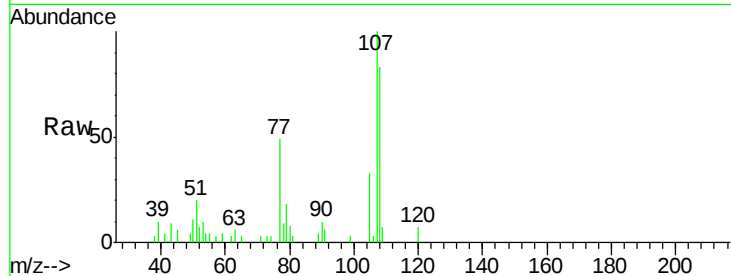
#20
3+4-Methylphenols
Concen: 3.66 ng
RT: 7.27 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF082156.D
Acq: 9 Oct 2015 20:43

Instrument :
BNA_F
ClientSampleId :
OS-SB-22(16-18)RE

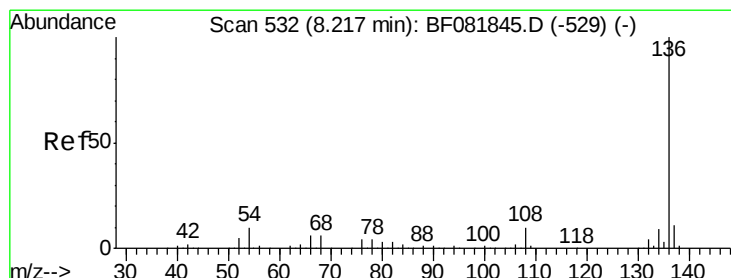
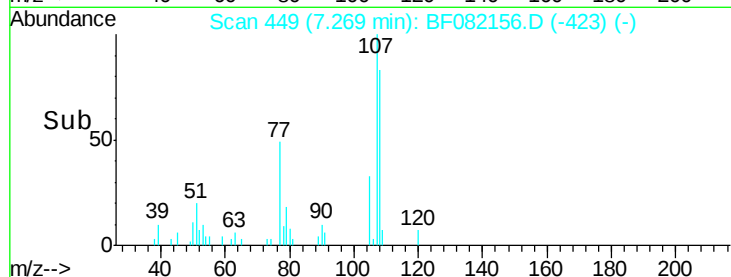
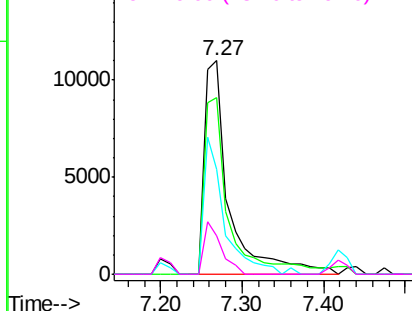
Tgt Ion:	107	Resp:	23573
Ion Ratio	Lower	Upper	
107	100		
108	82.7	74.6	114.6
77	49.0	0.7	40.7#
79	17.9	0.0	38.9

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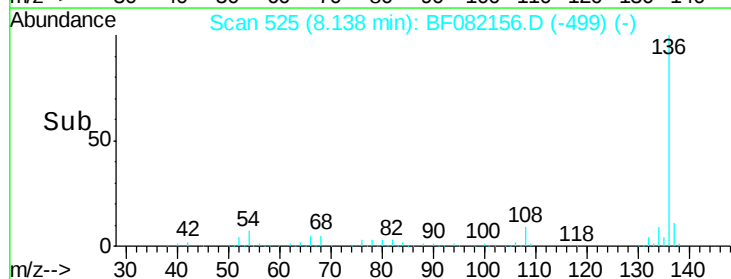
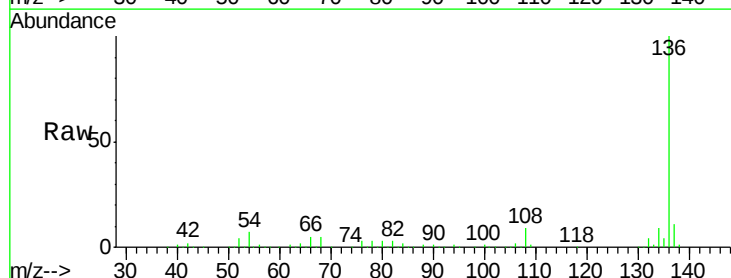
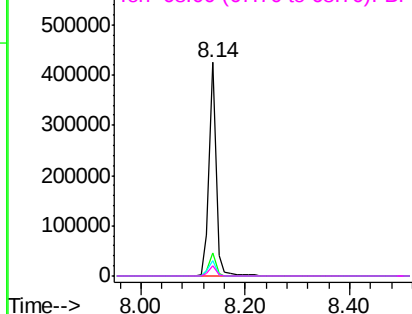
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

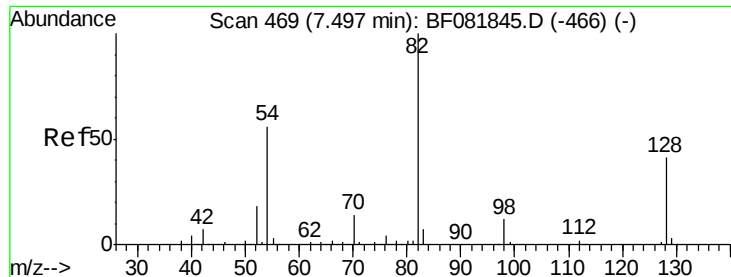


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF082156.D
Acq: 9 Oct 2015 20:43

Tgt Ion:	136	Resp:	397482
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.0	13.6
54	7.4	8.2	12.2#
68	4.9	5.8	8.6#

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0





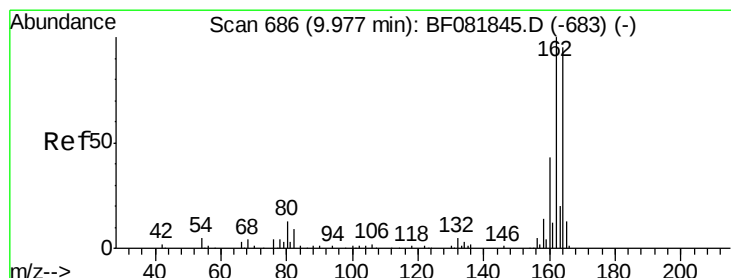
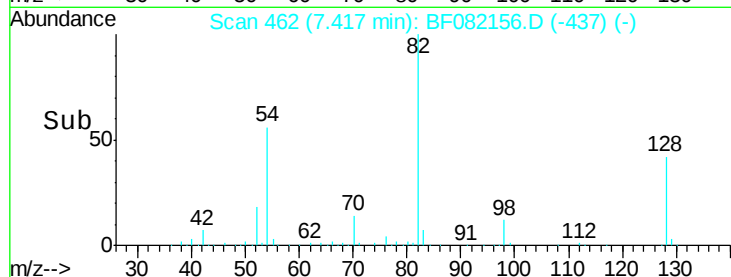
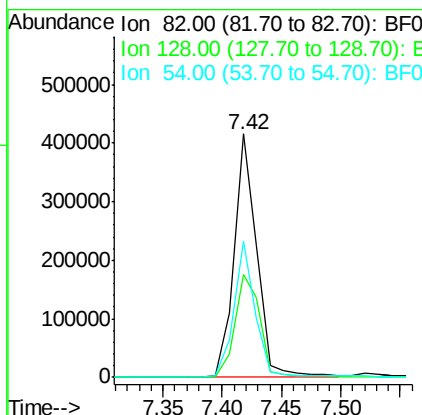
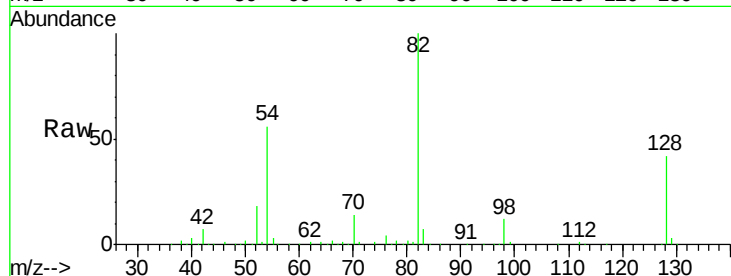
#23
 Nitrobenzene-d5
 Concen: 92.81 ng
 RT: 7.42 min Scan# 462
 Delta R.T. -0.01 min
 Lab File: BF082156.D
 Acq: 9 Oct 2015 20:43

Instrument :
 BNA_F
 ClientSampleId :
 OS-SB-22(16-18)RE

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.2	51.0	76.6#
54	55.9	47.5	71.3

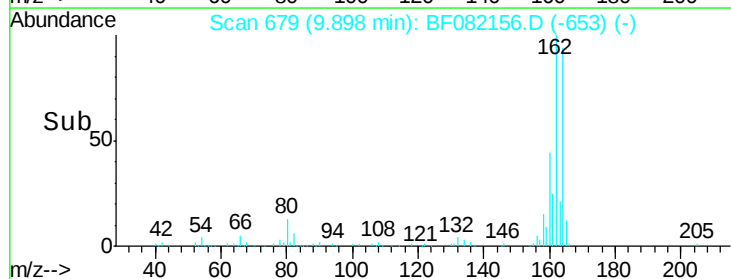
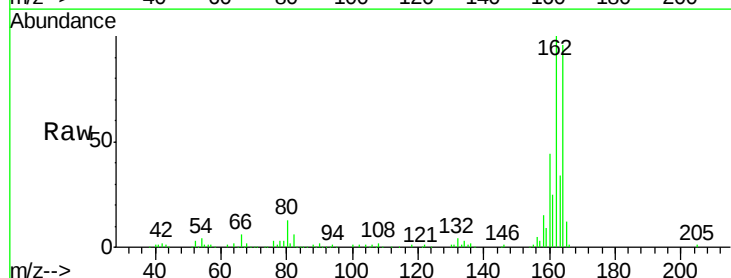
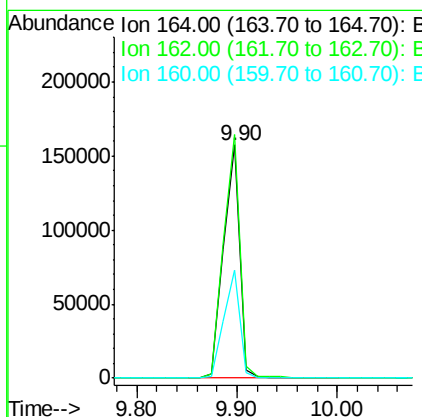
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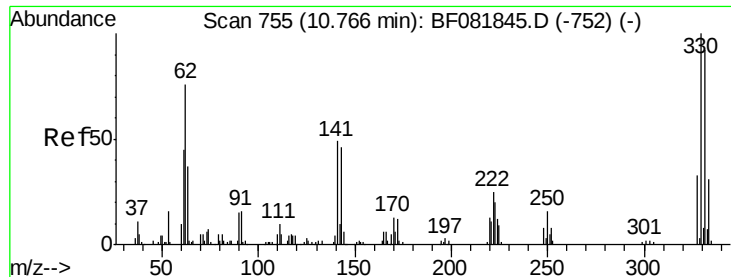
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 679
 Delta R.T. -0.00 min
 Lab File: BF082156.D
 Acq: 9 Oct 2015 20:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	75.2	112.8
160	46.3	31.5	47.3





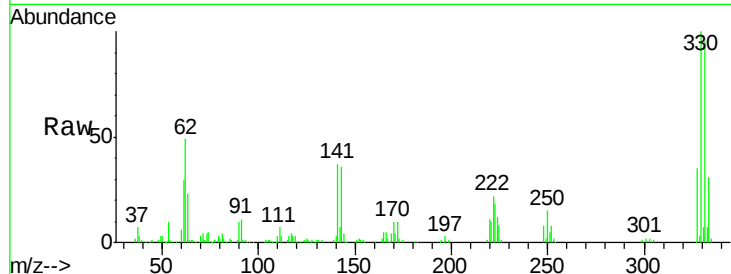
#41
 2,4,6-Tribromophenol
 Concen: 127.86 ng
 RT: 10.69 min Scan# 748
 Delta R.T. -0.01 min
 Lab File: BF082156.D
 Acq: 9 Oct 2015 20:43

Instrument :
 BNA_F
 ClientSampleId :
 OS-SB-22(16-18)RE

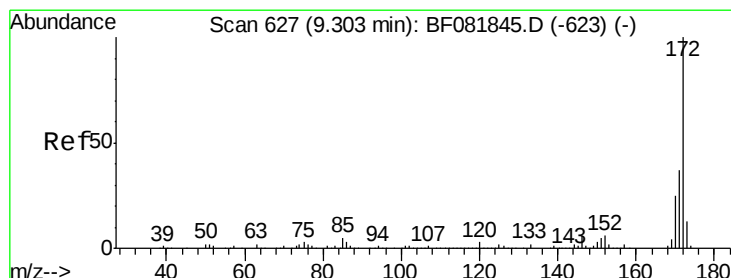
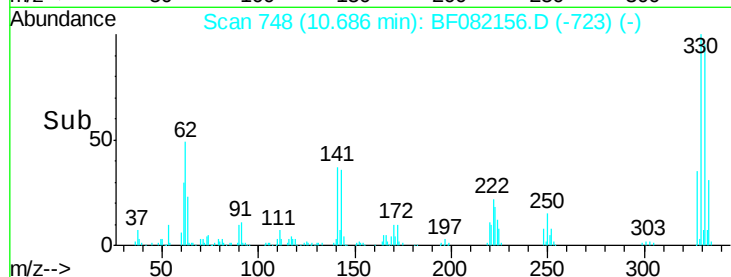
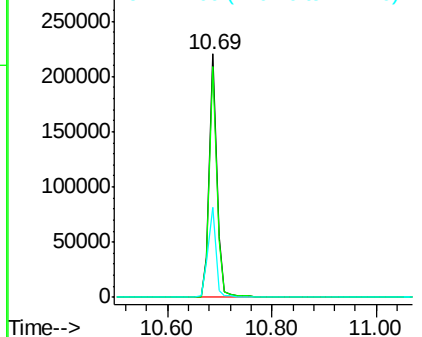
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	227638		
332	94.0	76.6	114.8	
141	37.8	29.7	44.5	

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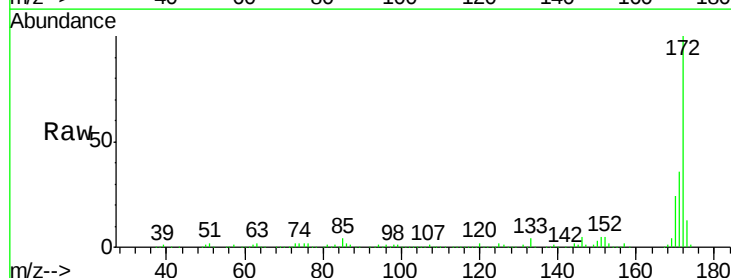


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

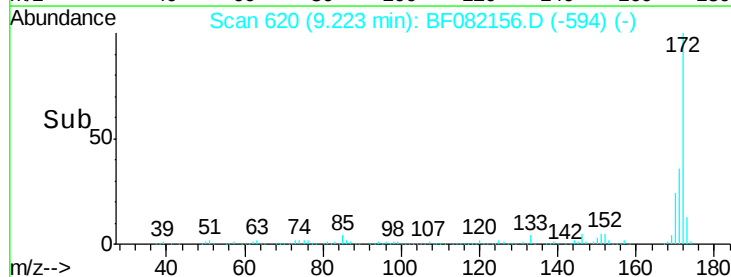
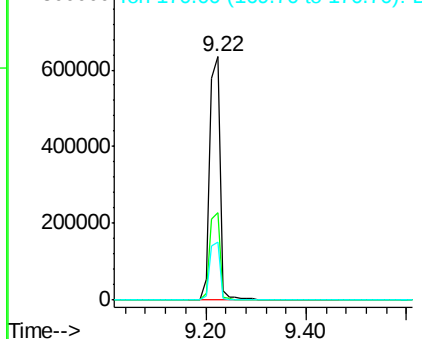


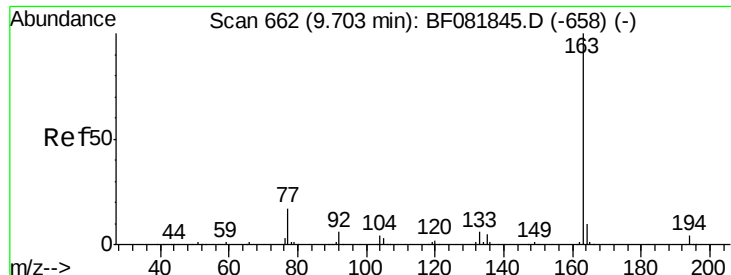
#44
 2-Fluorobiphenyl
 Concen: 88.41 ng
 RT: 9.22 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF082156.D
 Acq: 9 Oct 2015 20:43

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	921581		
171	35.7	26.1	39.1	
170	23.9	17.4	26.2	



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





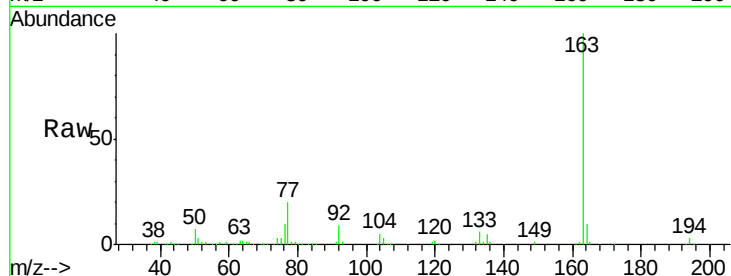
#49
Dimethylphthalate
Concen: 20.82 ng
RT: 9.61 min Scan# 654
Delta R.T. -0.02 min
Lab File: BF082156.D
Acq: 9 Oct 2015 20:43

Instrument :
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OS-SB-22(16-18)RE

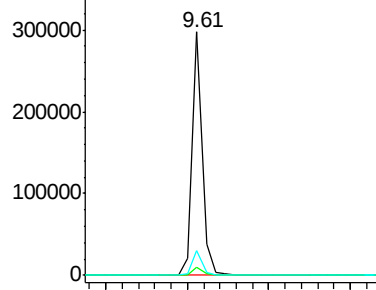
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	252588		
194	3.2	4.4	6.6#	
164	10.2	8.3	12.5	

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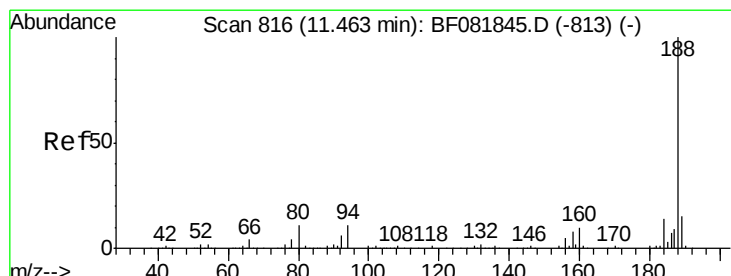
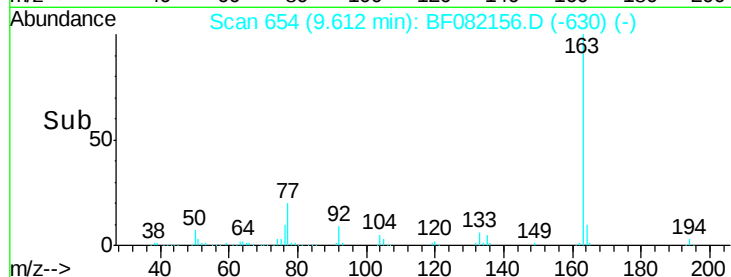
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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



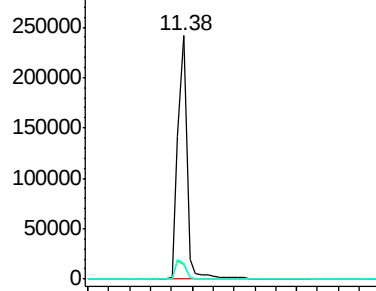
Time-->



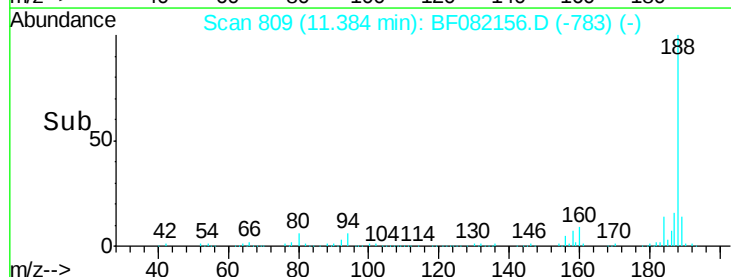
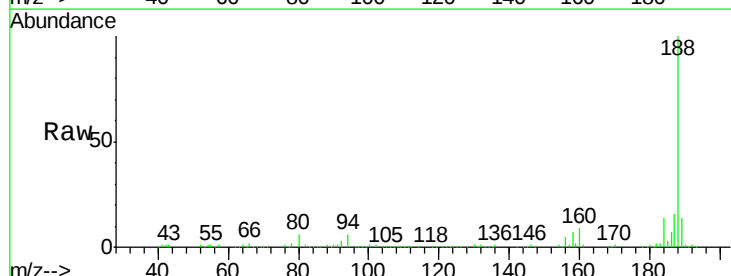
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF082156.D
Acq: 9 Oct 2015 20:43

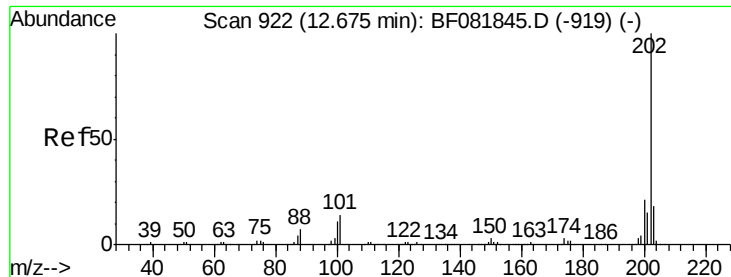
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	298371		
94	6.1	11.1	16.7#	
80	6.3	11.0	16.4#	

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



Time-->





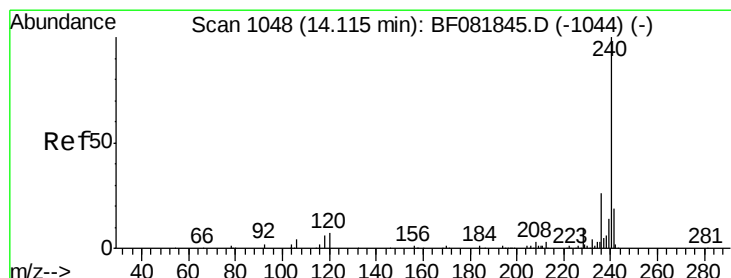
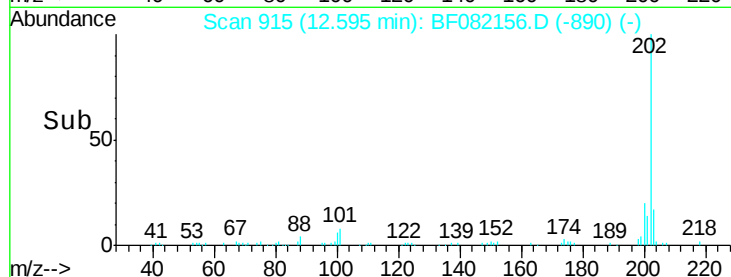
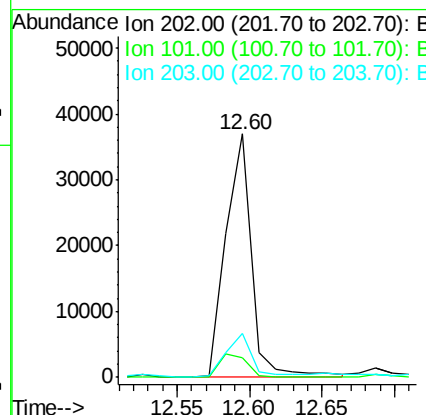
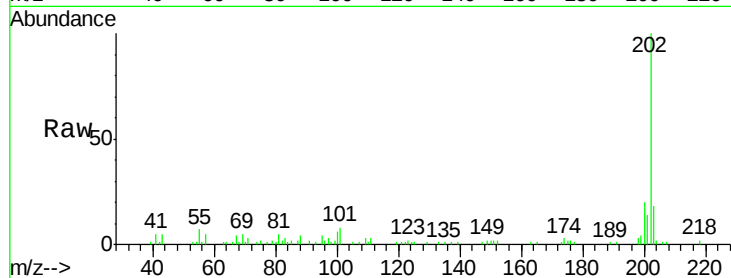
#74
 Fluoranthene
 Concen: 2.85 ng
 RT: 12.60 min Scan# 915
 Delta R.T. -0.01 min
 Lab File: BF082156.D
 Acq: 9 Oct 2015 20:43

Instrument :
 BNA_F
 ClientSampleId :
 OS-SB-22(16-18)RE

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	7.8	0.0	38.3
203	17.8	0.0	37.3

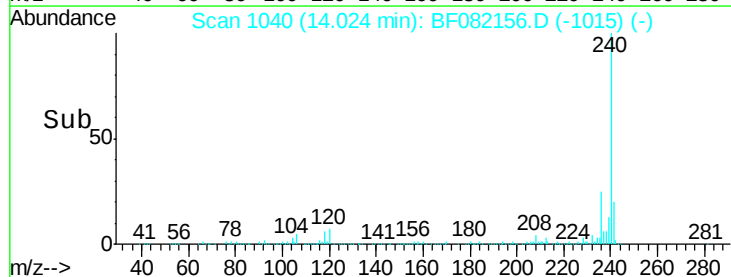
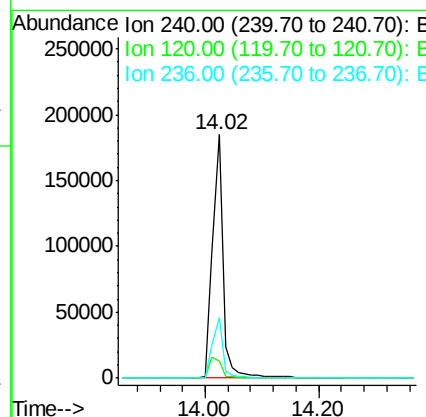
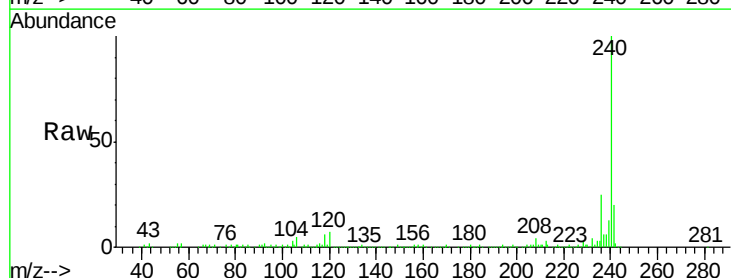
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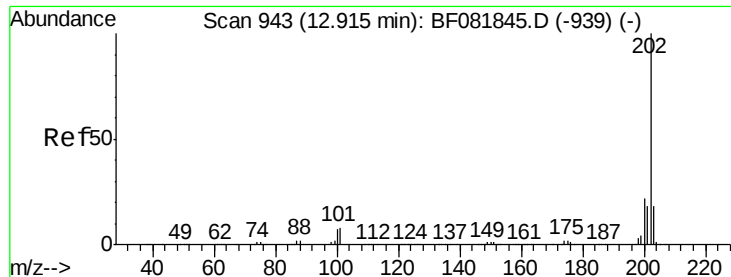
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.02 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BF082156.D
 Acq: 9 Oct 2015 20:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	7.2	16.2	24.2#
236	25.0	18.4	27.6





#77

Pyrene

Concen: 3.44 ng

RT: 12.82 min Scan# 935

Delta R.T. -0.01 min

Lab File: BF082156.D

Acq: 9 Oct 2015 20:43

Instrument :

BNA_F

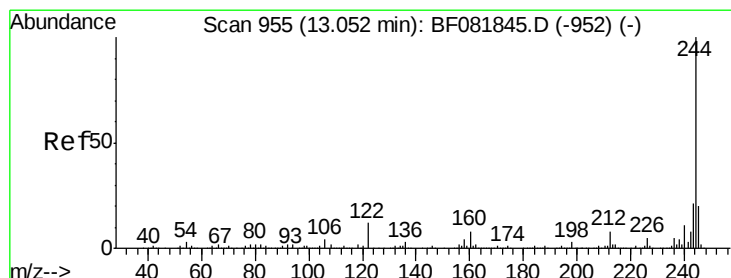
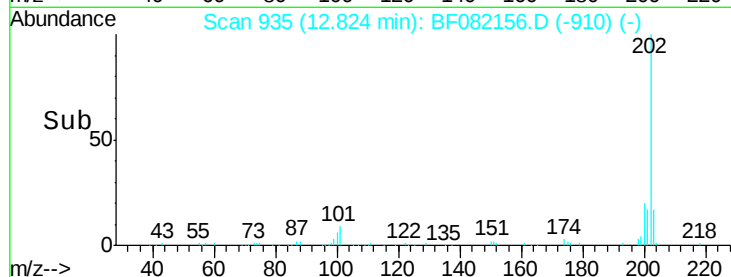
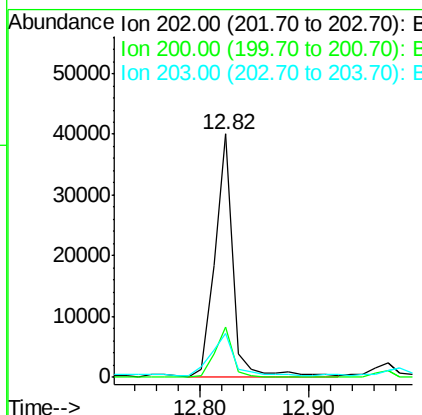
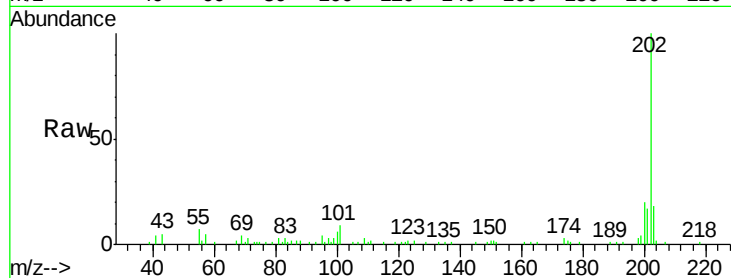
ClientSampleId :

OS-SB-22(16-18)RE

Tgt Ion:	202	Resp:	47206
Ion Ratio	Lower	Upper	
202	100		
200	20.5	15.0	22.4
203	18.2	14.1	21.1

Manual Integrations
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#78

Terphenyl-d14

Concen: 138.94 ng

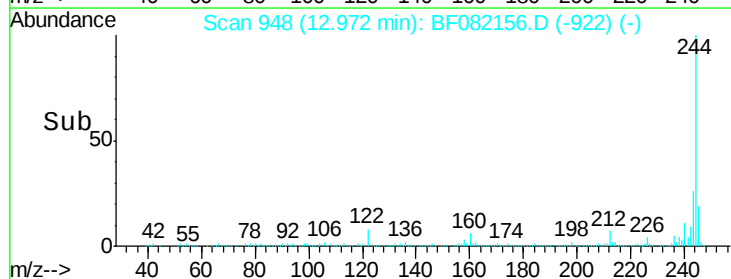
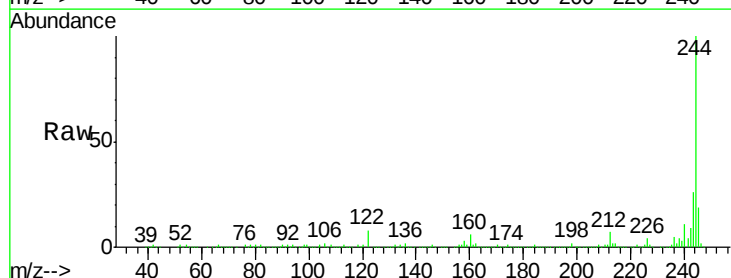
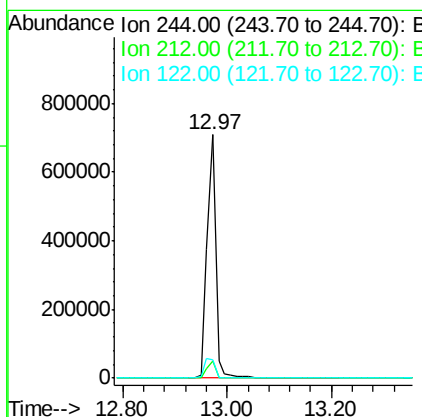
RT: 12.97 min Scan# 948

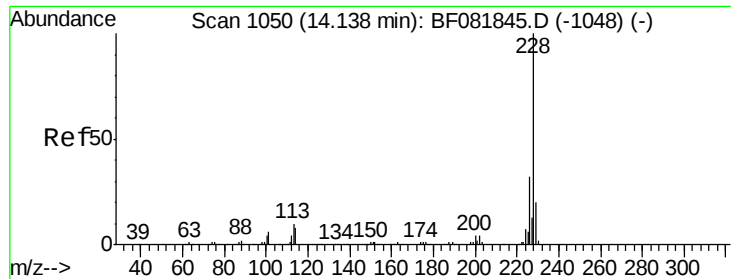
Delta R.T. -0.00 min

Lab File: BF082156.D

Acq: 9 Oct 2015 20:43

Tgt Ion:	244	Resp:	820358
Ion Ratio	Lower	Upper	
244	100		
212	6.9	4.3	6.5#
122	7.6	17.4	26.2#





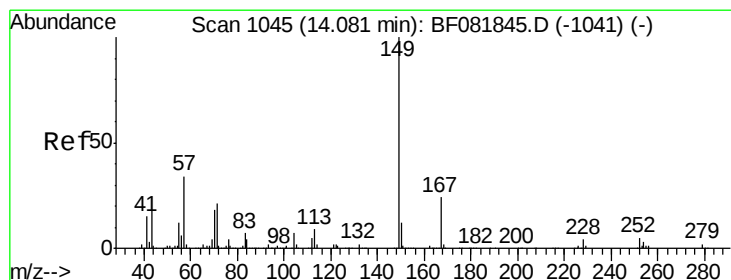
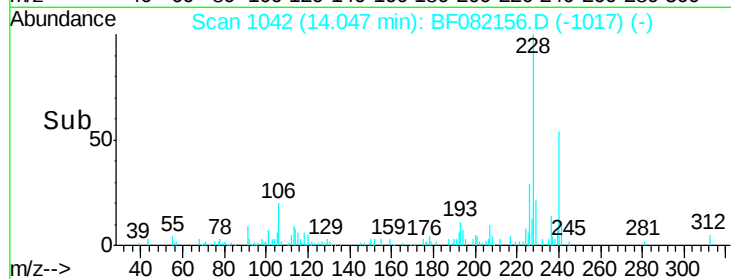
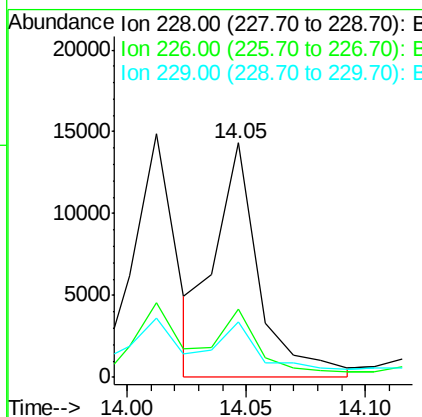
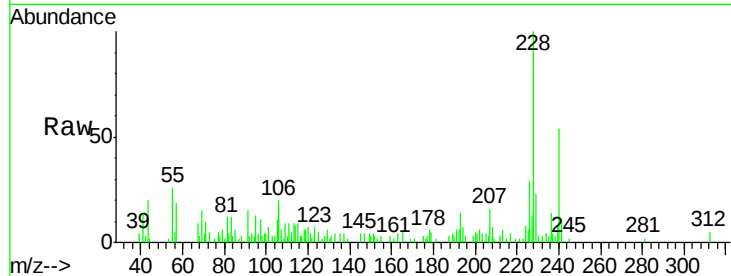
#82
Chrysene
Concen: 2.01 ng m
RT: 14.05 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF082156.D
Acq: 9 Oct 2015 20:43

Instrument :
BNA_F
ClientSampleId :
OS-SB-22(16-18)RE

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	18425		
226	29.3	21.0	31.4	
229	23.4	15.6	23.4	

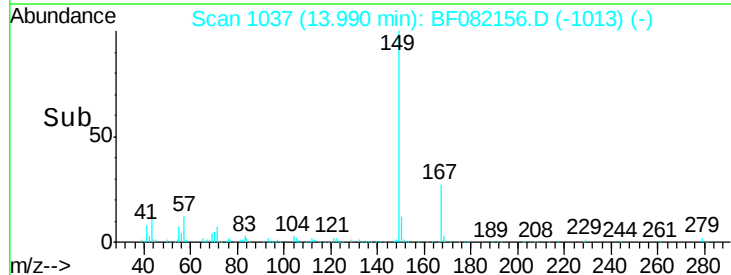
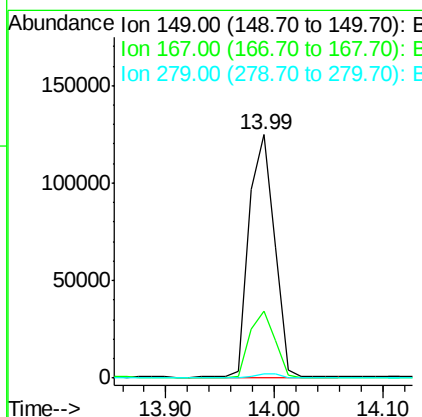
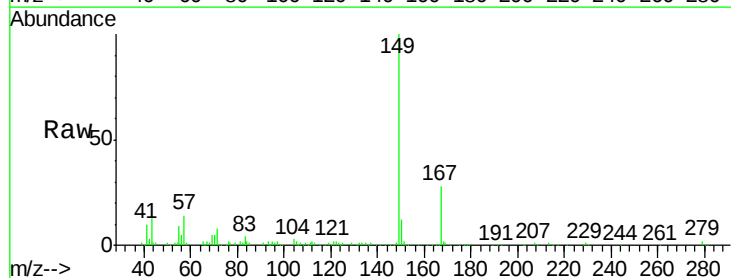
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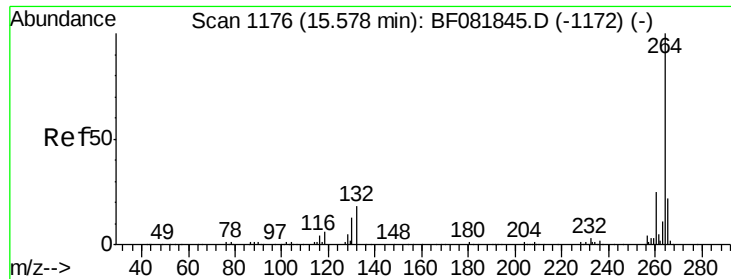
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#83
Bis(2-ethylhexyl)phthalate
Concen: 31.29 ng
RT: 13.99 min Scan# 1037
Delta R.T. -0.02 min
Lab File: BF082156.D
Acq: 9 Oct 2015 20:43

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	202405		
167	27.5	24.2	36.2	
279	1.9	3.8	5.6#	





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF082156.D
Acq: 9 Oct 2015 20:43

Instrument :
BNA_F
ClientSampleId :
OS-SB-22(16-18)RE

Tgt	Ion	Ratio	Resp	Lower	Upper
264	100		194765		
260	23.3	16.7	25.1		
265	21.7	17.2	25.8		

Manual Integrations
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