

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090815\
 Data File : BF081530.D
 Acq On : 8 Sep 2015 19:18
 Operator : UM/IZ
 Sample : G3561-02RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SANDYLOAMRE

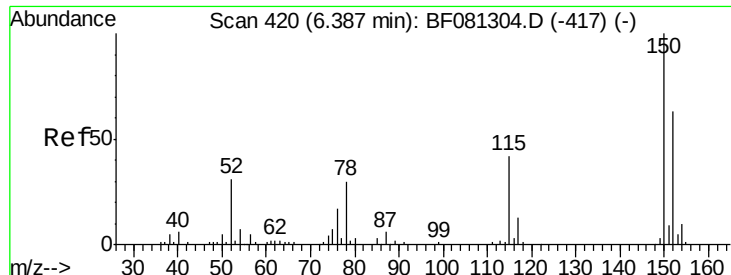
Manual Integrations
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 9/9/2015 2:58:32 PM

Quant Time: Sep 09 01:00:18 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 08 23:43:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.34	152	56046	20.00	ng	0.00
21) Naphthalene-d8	7.63	136	216946	20.00	ng	-0.01
38) Acenaphthene-d10	9.37	164	93998	20.00	ng	-0.01
63) Phenanthrene-d10	10.83	188	161569	20.00	ng	-0.01
75) Chrysene-d12	13.45	240	111637	20.00	ng	0.00
86) Perylene-d12	14.75	264	105764	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.89	112	333162	92.23	ng	0.01
7) Phenol-d6	6.01	99	450033	94.12	ng	-0.01
23) Nitrobenzene-d5	6.92	82	304271	67.67	ng	0.00
41) 2,4,6-Tribromophenol	10.16	330	77207	92.25	ng	0.00
44) 2-Fluorobiphenyl	8.72	172	438130	59.73	ng	0.00
78) Terphenyl-d14	12.42	244	259066	54.02	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.12	163	80274	10.99	ng	# 97
70) Phenanthrene	10.86	178	84921	9.45	ng	98
71) Anthracene	10.91	178	26785	2.90	ng	98
74) Fluoranthene	12.03	202	126414	13.00	ng	88
77) Pyrene	12.25	202	119732m	14.48	ng	
80) Benzo(a)anthracene	13.44	228	58388m	8.21	ng	
82) Chrysene	13.47	228	51253m	8.04	ng	
83) Bis(2-ethylhexyl)phthalate	13.47	149	13218	2.79	ng	# 92
85) Indeno(1,2,3-cd)pyrene	15.83	276	24974	5.34	ng	# 81
87) Benzo(b)fluoranthene	14.43	252	67230m	8.90	ng	
88) Benzo(k)fluoranthene	14.45	252	14975m	2.39	ng	
89) Benzo(a)pyrene	14.71	252	46709	7.30	ng	# 87
91) Benzo(g,h,i)perylene	16.15	276	23854	5.06	ng	# 71

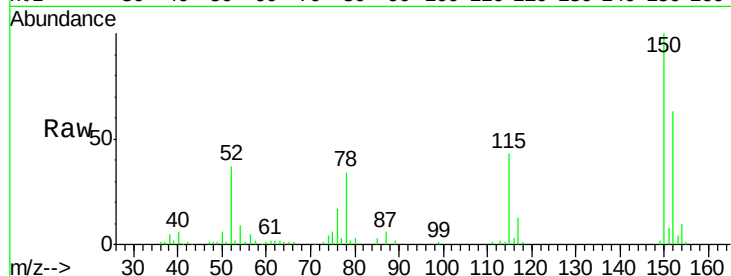
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.34 min Scan# 416
Delta R.T. -0.00 min
Lab File: BF081530.D
Acq: 8 Sep 2015 19:18

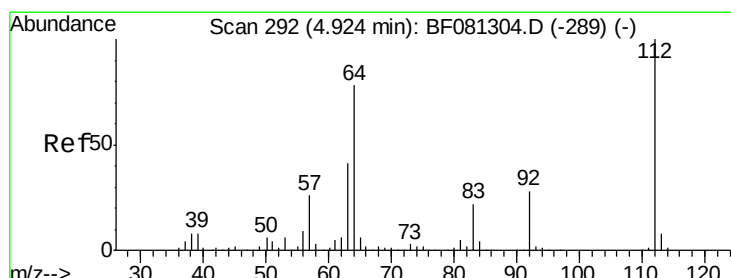
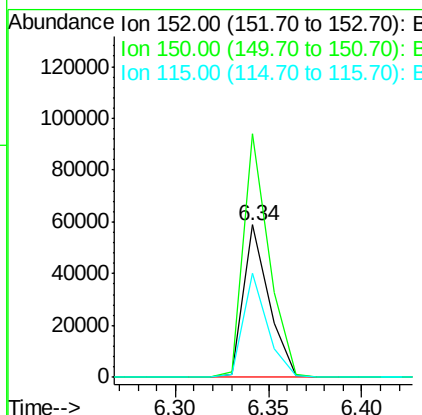
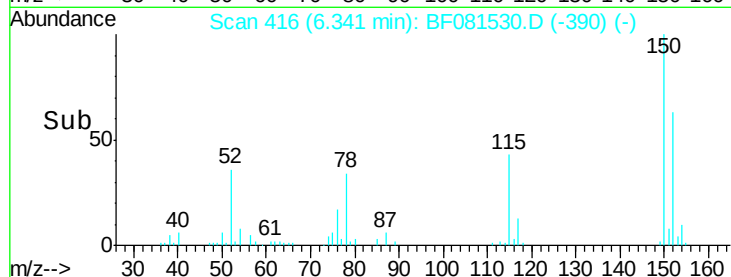
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.6	124.7	187.1
115	67.9	39.0	58.4#

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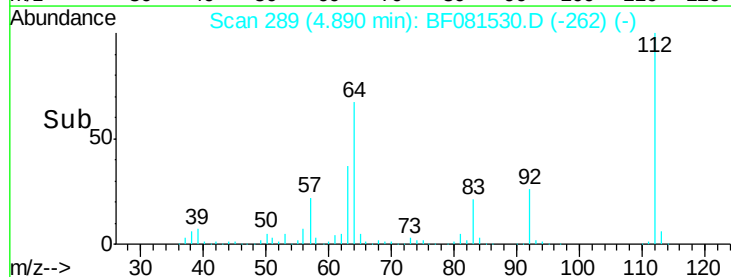
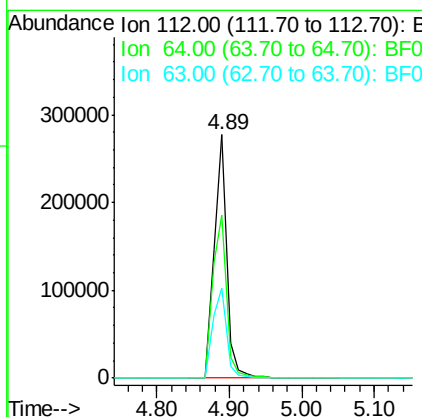
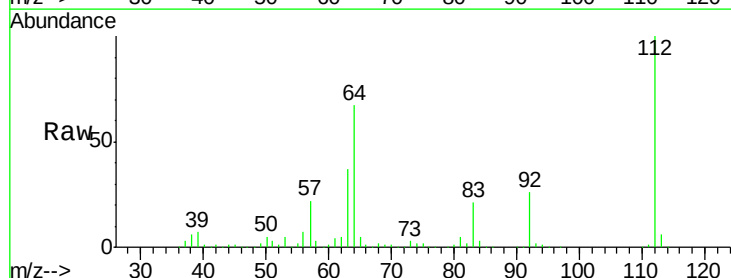
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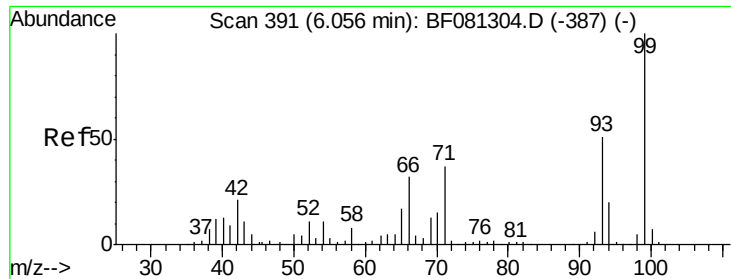


#5

2-Fluorophenol
Concen: 92.23 ng
RT: 4.89 min Scan# 289
Delta R.T. 0.01 min
Lab File: BF081530.D
Acq: 8 Sep 2015 19:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.8	39.7	59.5#
63	36.9	17.4	26.0#





#7

Phenol-d6

Concen: 94.12 ng

RT: 6.01 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF081530.D

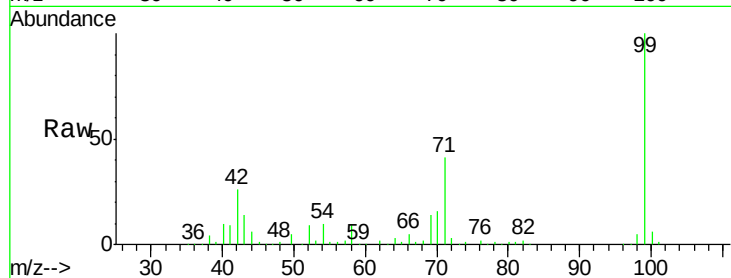
Acq: 8 Sep 2015 19:18

Instrument :

BNA_F

ClientSampleId :

SANDYLOAMRE



Tgt Ion: 99 Resp: 450033

Ion Ratio Lower Upper

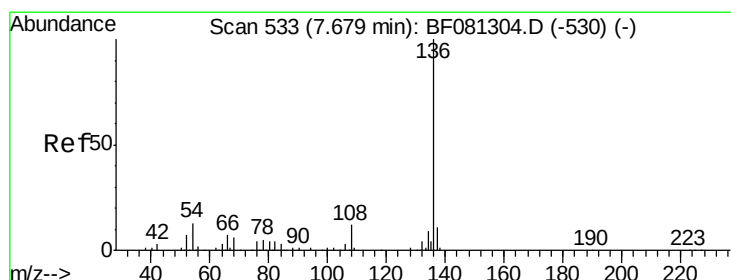
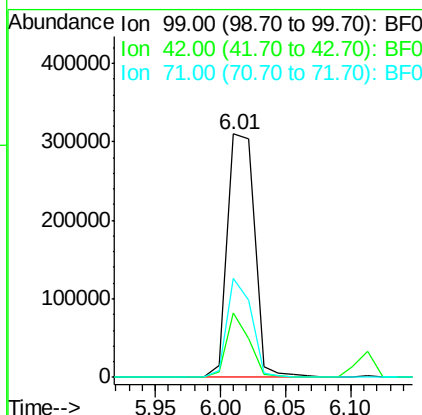
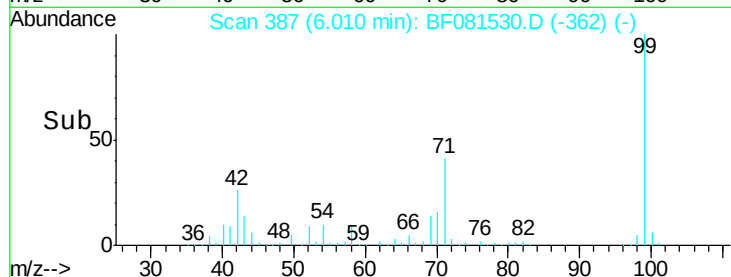
99 100

42 26.2 13.7 20.5#

71 40.6 14.2 21.2#

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.63 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF081530.D

Acq: 8 Sep 2015 19:18

Tgt Ion: 136 Resp: 216946

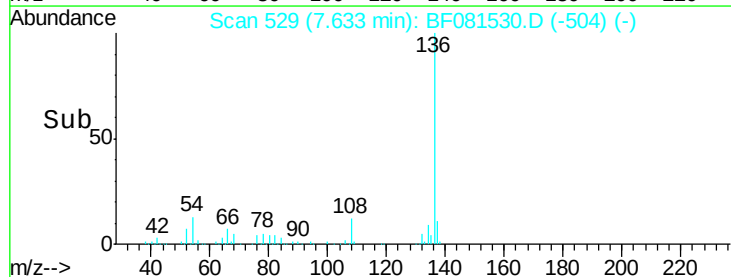
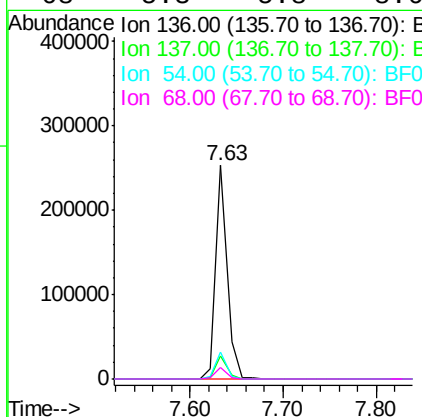
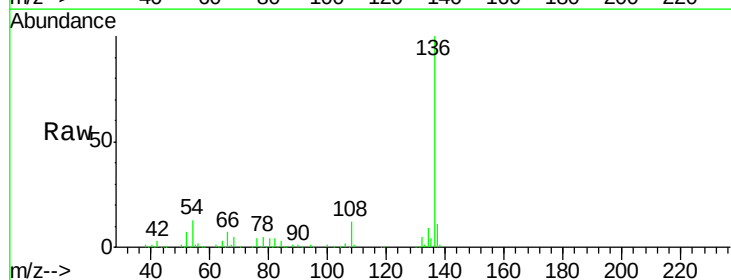
Ion Ratio Lower Upper

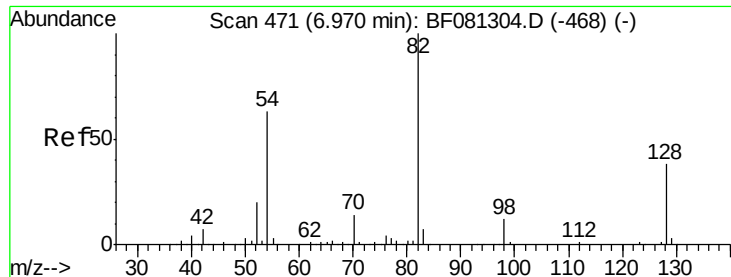
136 100

137 10.9 9.0 13.6

54 12.6 8.2 12.2#

68 5.3 5.8 8.6#





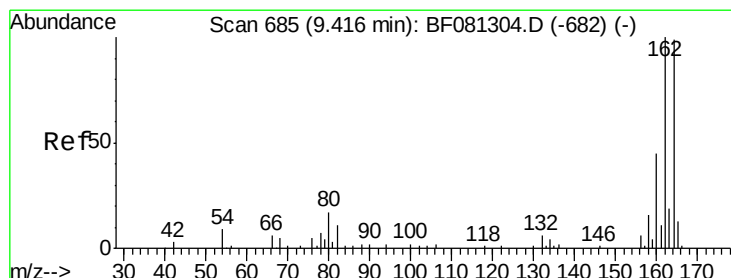
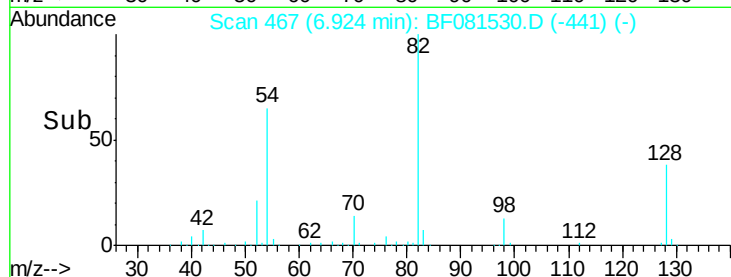
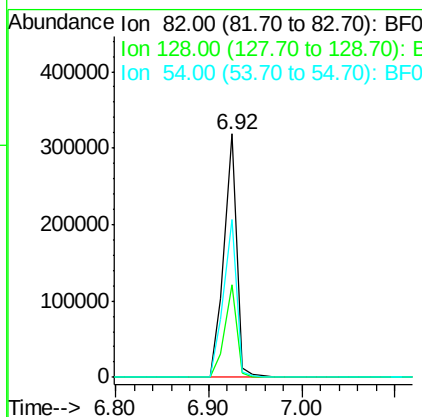
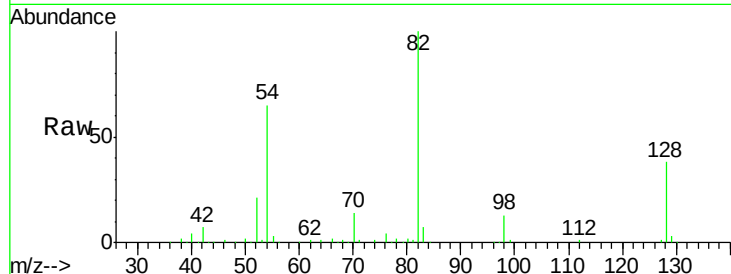
#23
 Nitrobenzene-d5
 Concen: 67.67 ng
 RT: 6.92 min Scan# 467
 Delta R.T. -0.00 min
 Lab File: BF081530.D
 Acq: 8 Sep 2015 19:18

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.2	51.0	76.6#
54	65.1	47.5	71.3

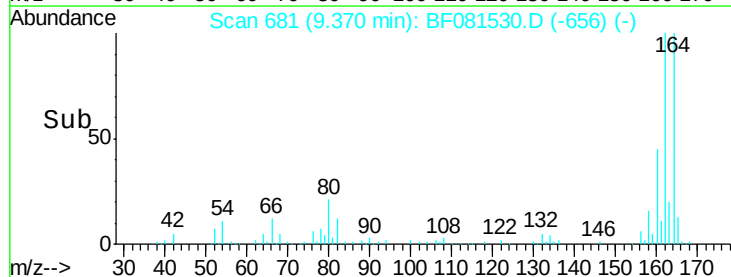
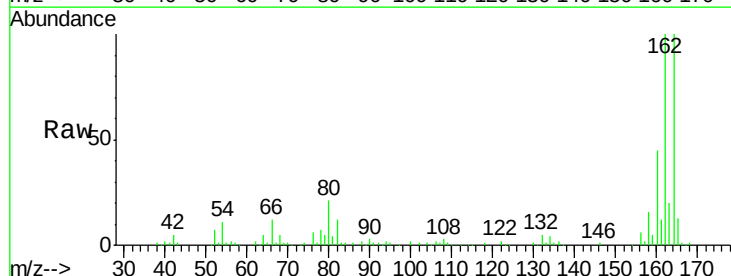
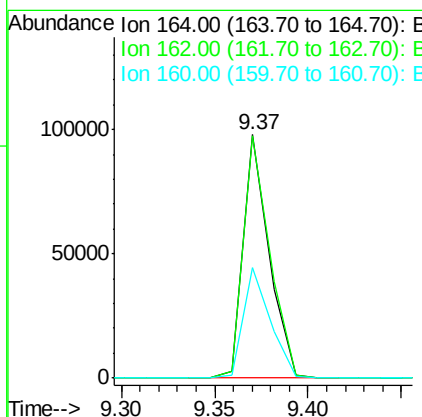
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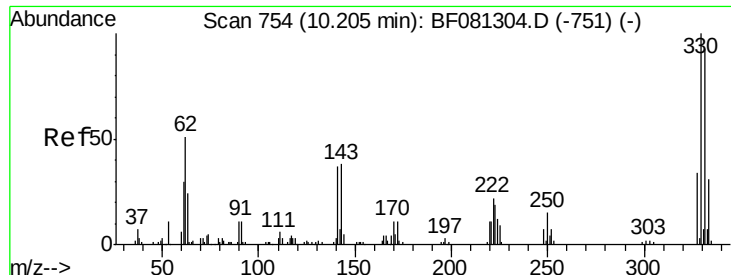
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.37 min Scan# 681
 Delta R.T. -0.01 min
 Lab File: BF081530.D
 Acq: 8 Sep 2015 19:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.7	75.2	112.8
160	45.3	31.5	47.3





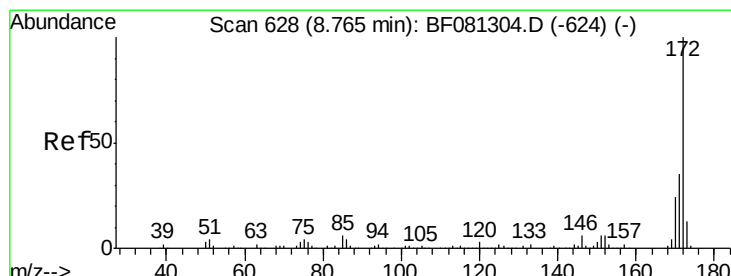
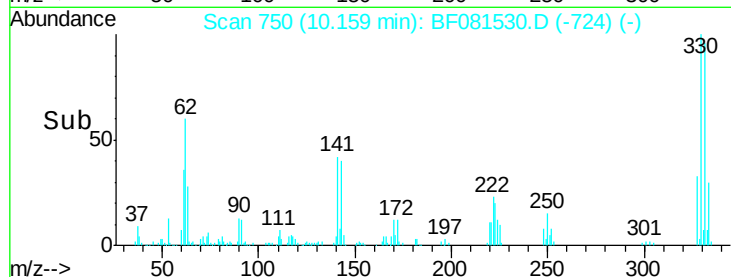
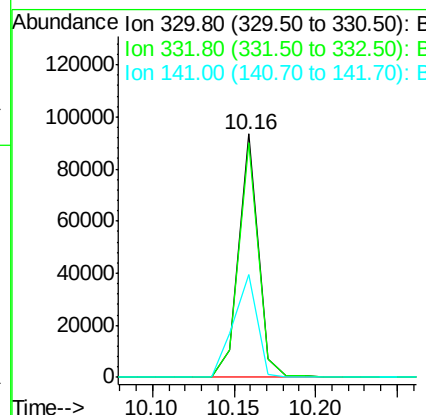
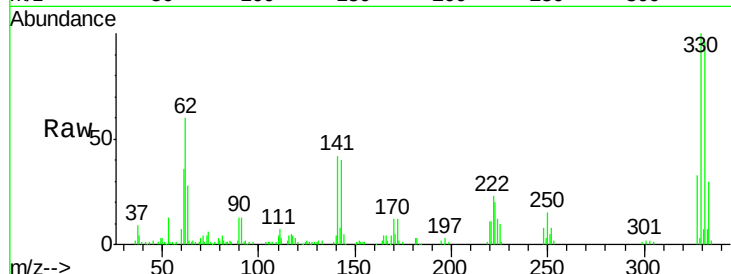
#41
 2,4,6-Tribromophenol
 Concen: 92.25 ng
 RT: 10.16 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF081530.D
 Acq: 8 Sep 2015 19:18

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
330	100	77207		
332	97.4	76.6	114.8	
141	51.8	29.7	44.5#	

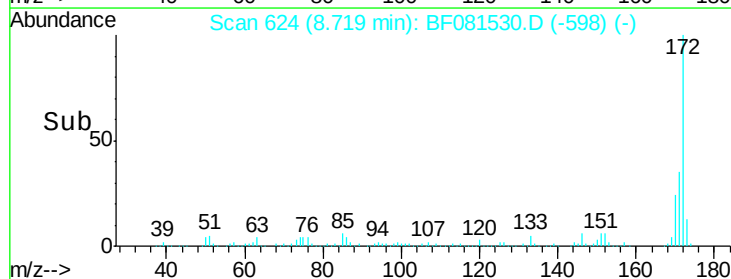
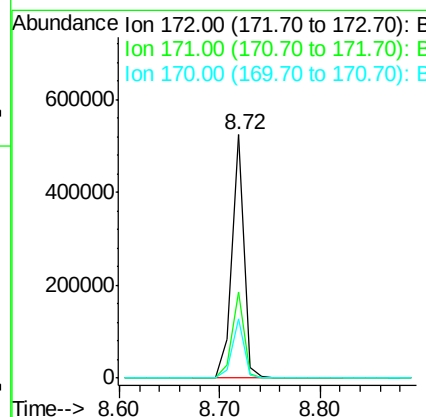
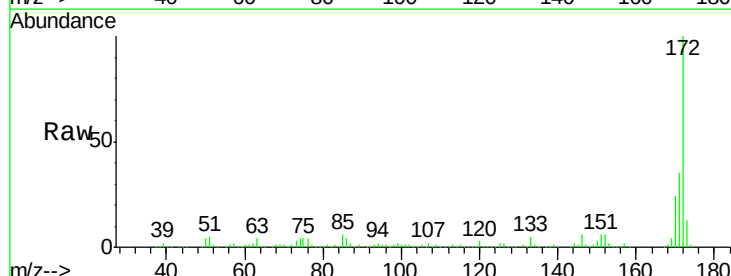
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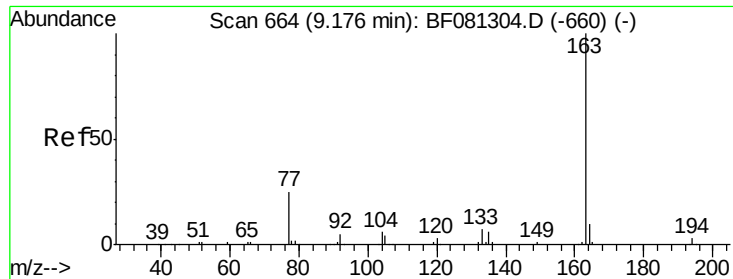
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#44
 2-Fluorobiphenyl
 Concen: 59.73 ng
 RT: 8.72 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF081530.D
 Acq: 8 Sep 2015 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	438130		
171	35.2	26.1	39.1	
170	24.2	17.4	26.2	





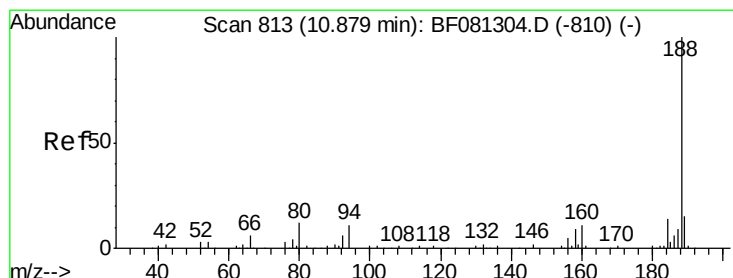
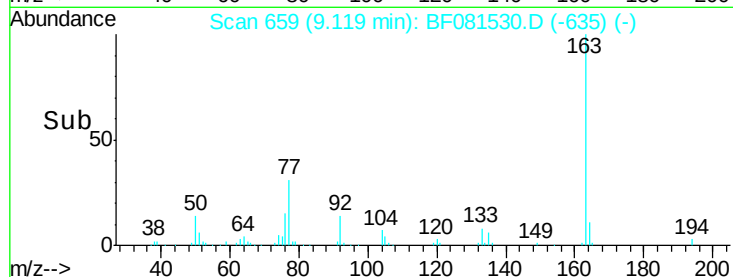
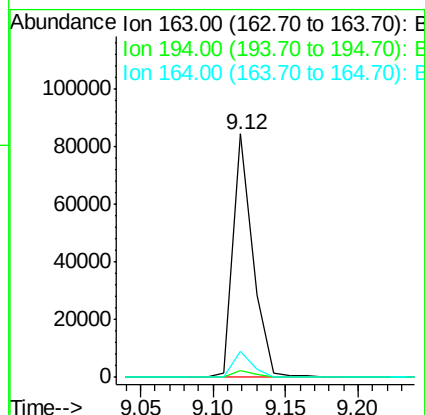
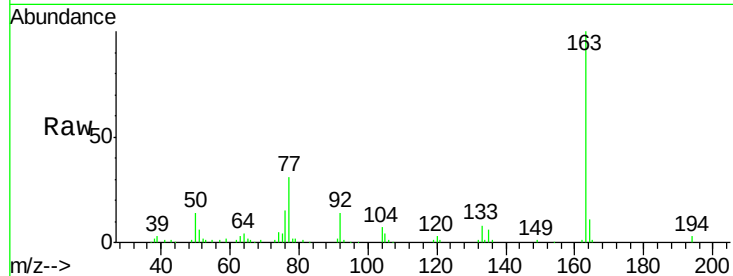
#49
Dimethylphthalate
Concen: 10.99 ng
RT: 9.12 min Scan# 659
Delta R.T. -0.02 min
Lab File: BF081530.D
Acq: 8 Sep 2015 19:18

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:163 Resp: 80274
Ion Ratio Lower Upper
163 100
194 2.9 4.4 6.6#
164 10.7 8.3 12.5

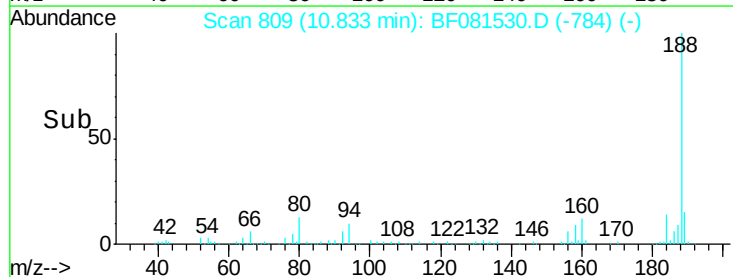
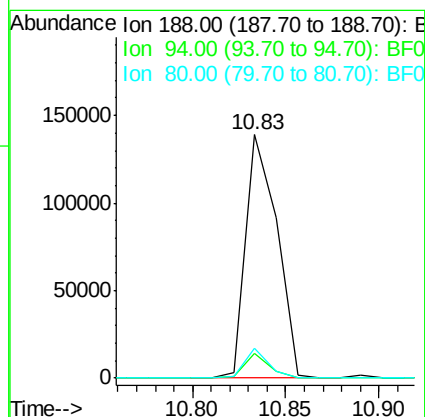
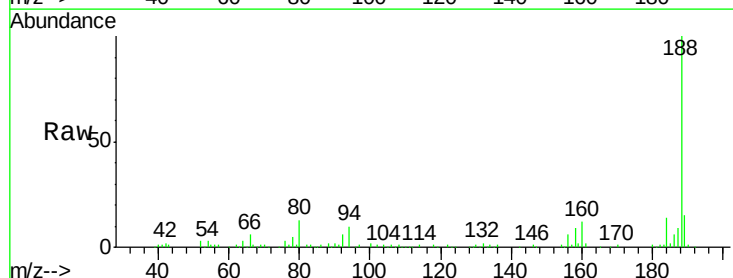
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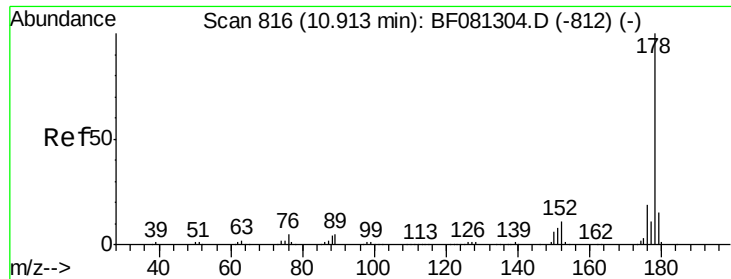
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.83 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF081530.D
Acq: 8 Sep 2015 19:18

Tgt Ion:188 Resp: 161569
Ion Ratio Lower Upper
188 100
94 10.3 11.1 16.7#
80 12.5 11.0 16.4





#70

Phenanthrene

Concen: 9.45 ng

RT: 10.86 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF081530.D

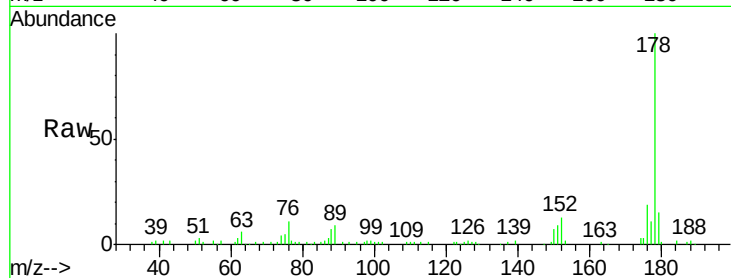
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Instrument :

BNA_F

ClientSampleId :

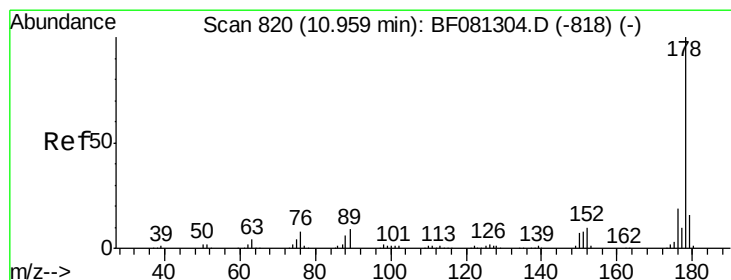
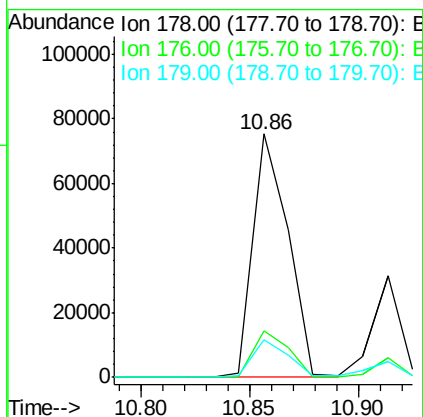
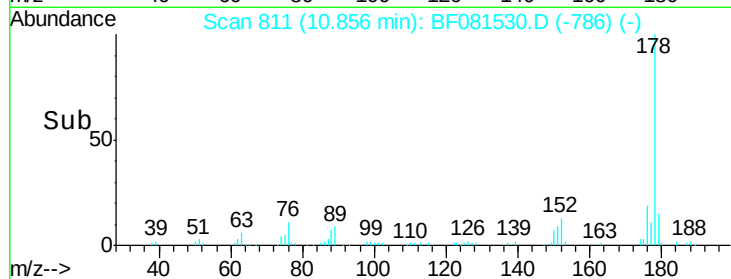
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Tgt Ion:	178	Resp:	84921
Ion Ratio	Lower	Upper	
178	100		
176	19.1	13.8	20.8
179	15.4	12.2	18.2

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#71

Anthracene

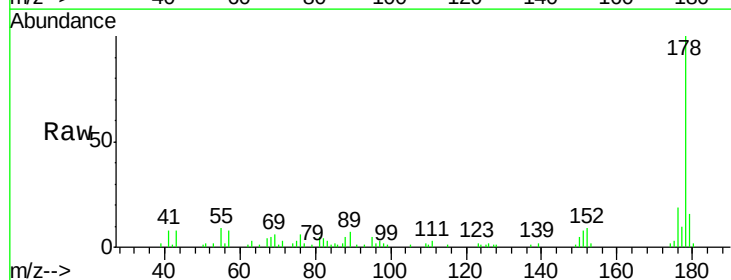
Concen: 2.90 ng

RT: 10.91 min Scan# 816

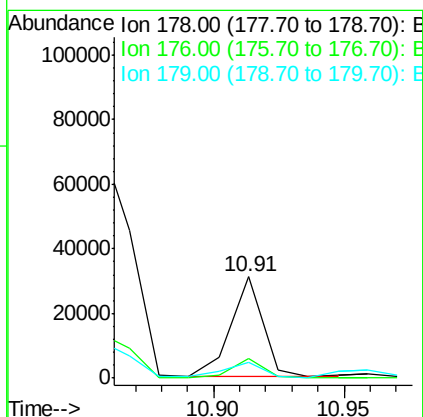
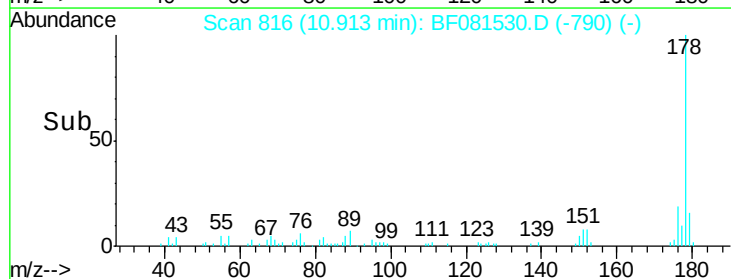
Delta R.T. -0.00 min

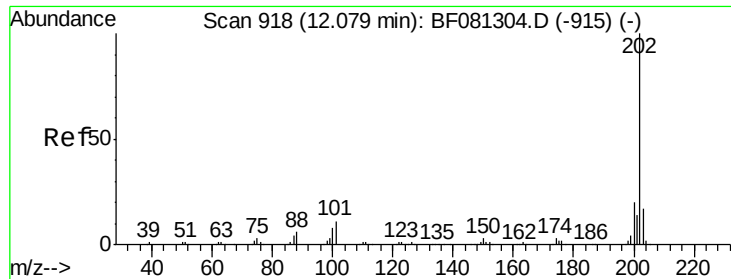
Lab File: BF081530.D

Acq: 8 Sep 2015 19:18



Tgt Ion:	178	Resp:	26785
Ion Ratio	Lower	Upper	
178	100		
176	18.9	14.1	21.1
179	15.7	12.2	18.2





#74

Fluoranthene

Concen: 13.00 ng

RT: 12.03 min Scan# 914

Delta R.T. -0.00 min

Lab File: BF081530.D

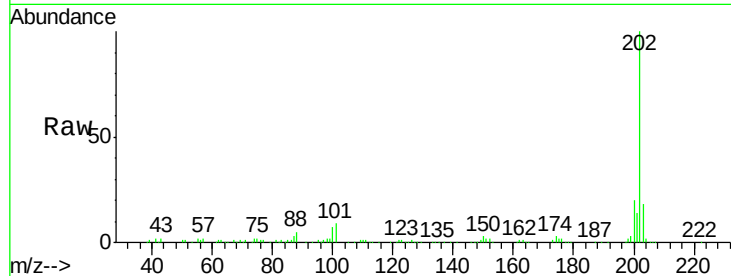
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Instrument :

BNA_F

ClientSampleId :

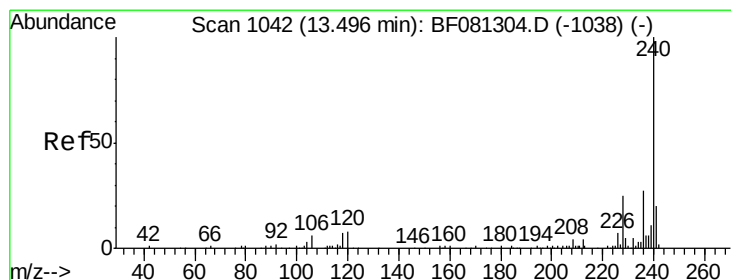
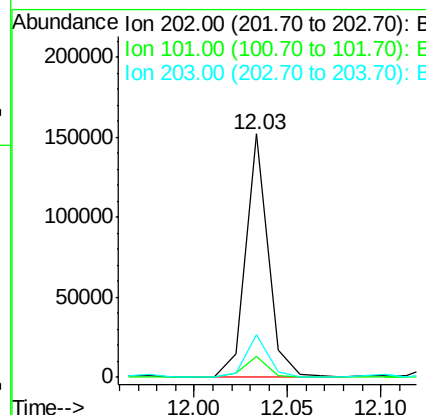
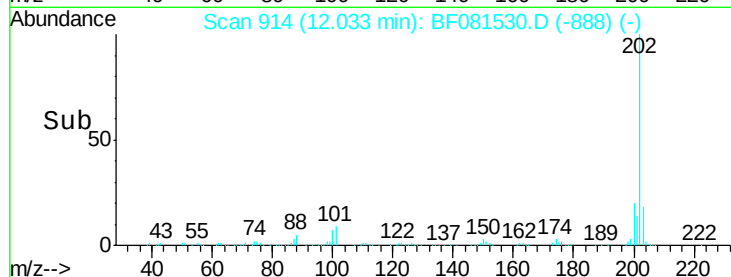
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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	126414		
101	8.8	0.0	38.3	
203	17.8	0.0	37.3	

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#75

Chrysene-d12

Concen: 20.00 ng

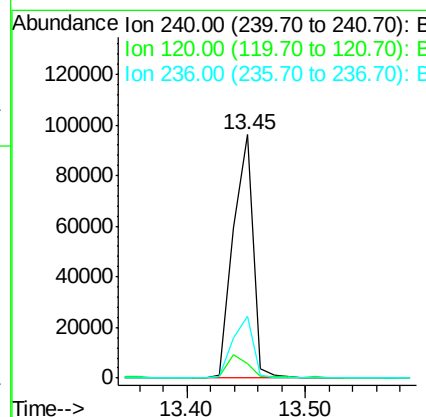
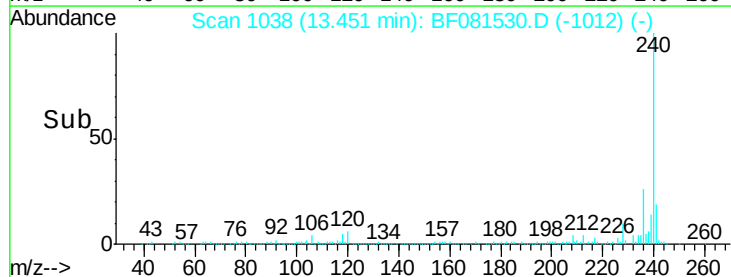
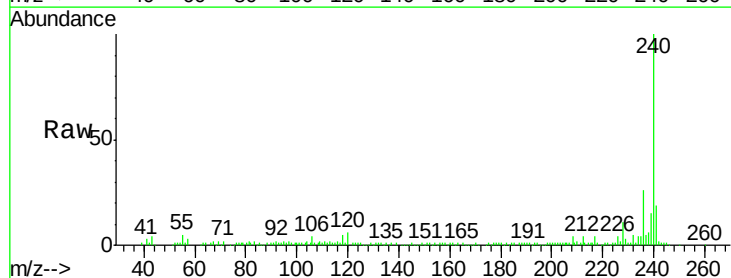
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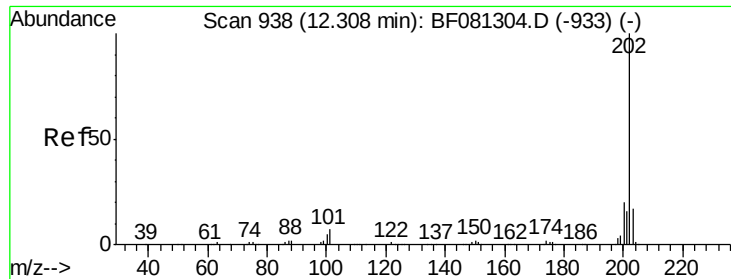
Delta R.T. -0.00 min

Lab File: BF081530.D

Acq: 8 Sep 2015 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	111637		
120	6.2	16.2	24.2#	
236	25.6	18.4	27.6	





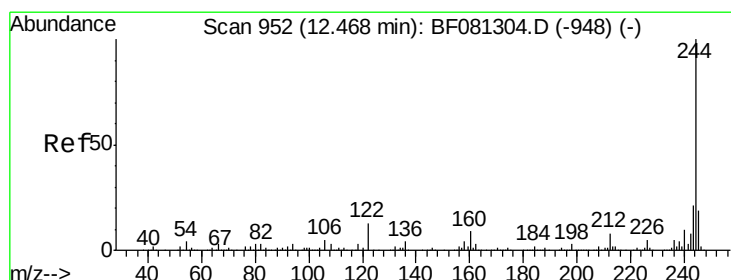
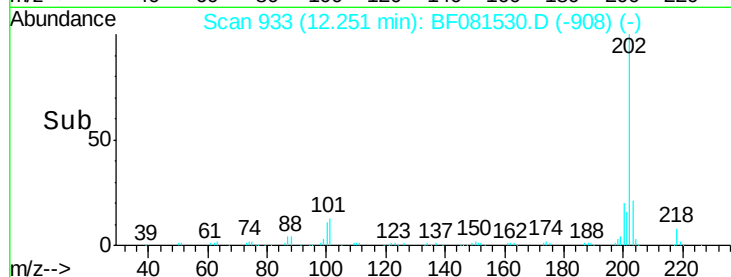
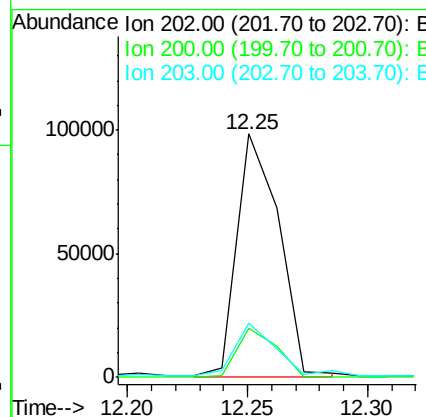
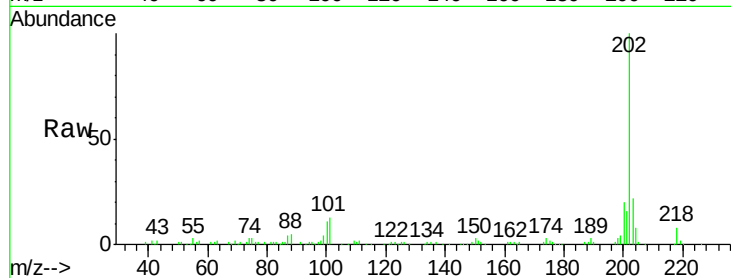
#77
Pyrene
Concen: 14.48 ng m
RT: 12.25 min Scan# 933
Delta R.T. -0.01 min
Lab File: BF081530.D
Acq: 8 Sep 2015 19:18

Instrument :
BNA_F
ClientSampleId :
SANDYLOAMRE

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	20.3	15.0	22.4
203	22.1	14.1	21.1#

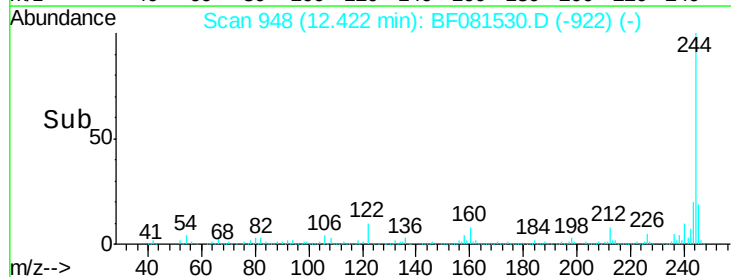
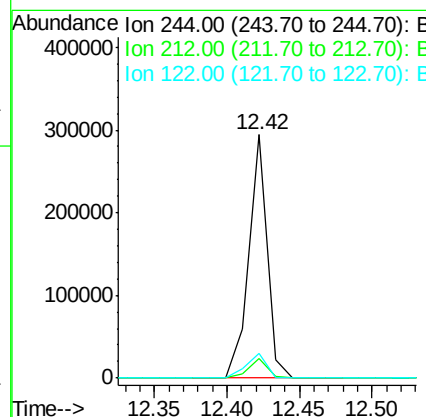
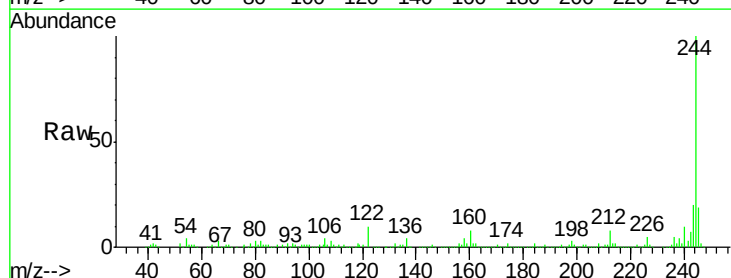
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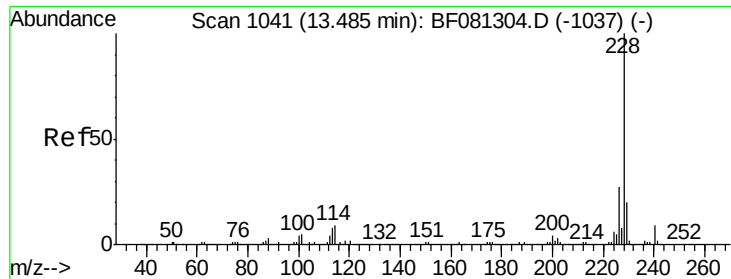
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9/9/2015 2:58:32 PM



#78
Terphenyl-d14
Concen: 54.02 ng
RT: 12.42 min Scan# 948
Delta R.T. -0.00 min
Lab File: BF081530.D
Acq: 8 Sep 2015 19:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	8.2	4.3	6.5#
122	10.4	17.4	26.2#





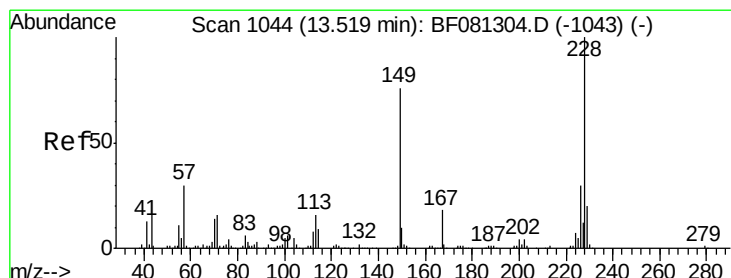
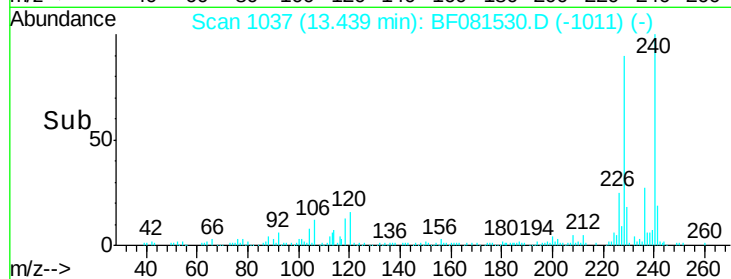
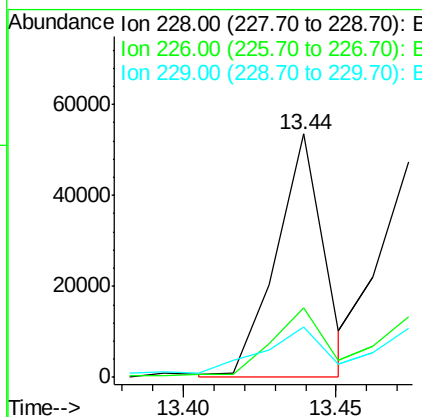
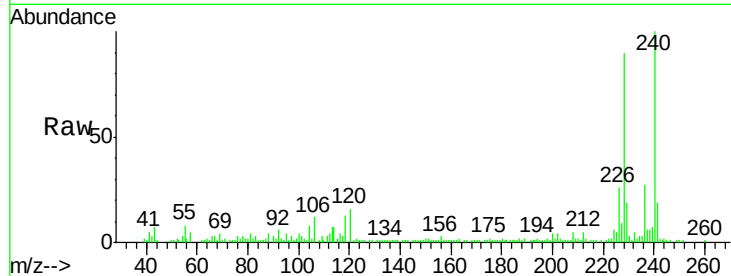
#80
Benzo(a)anthracene
Concen: 8.21 ng m
RT: 13.44 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF081530.D
Acq: 8 Sep 2015 19:18

Instrument :
BNA_F
ClientSampleId :
SANDYLOAMRE

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	58388		
226	28.7	20.0	30.0	
229	20.6	15.4	23.2	

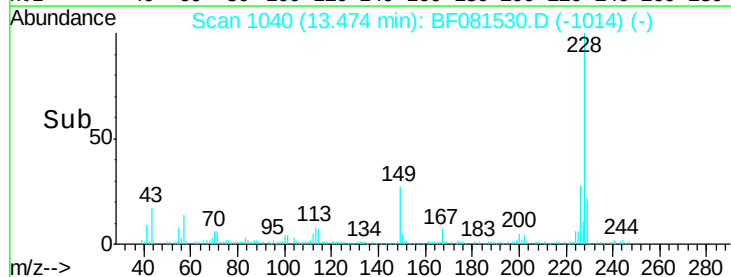
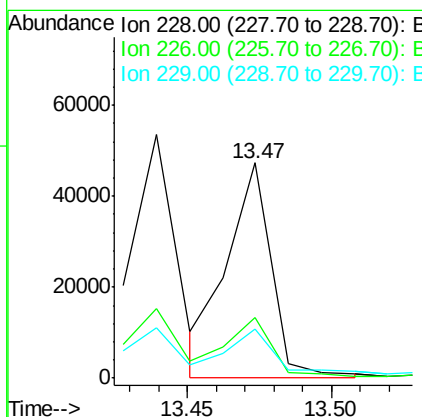
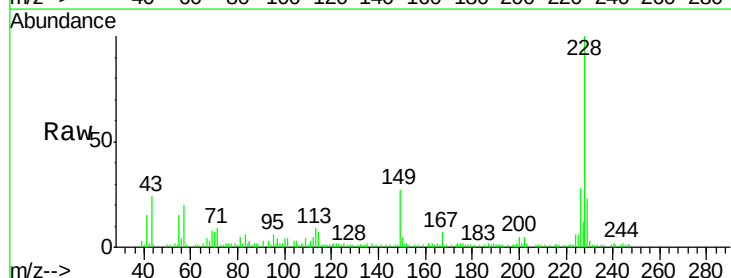
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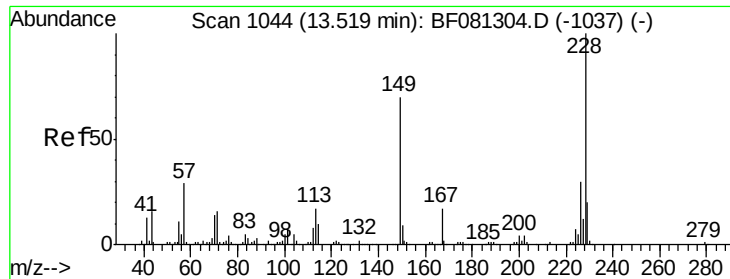
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#82
Chrysene
Concen: 8.04 ng m
RT: 13.47 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF081530.D
Acq: 8 Sep 2015 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	51253		
226	28.1	21.0	31.4	
229	22.9	15.6	23.4	





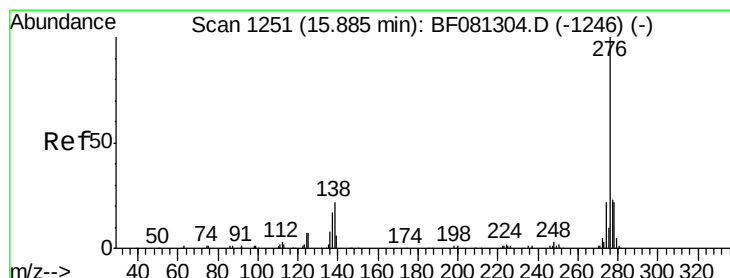
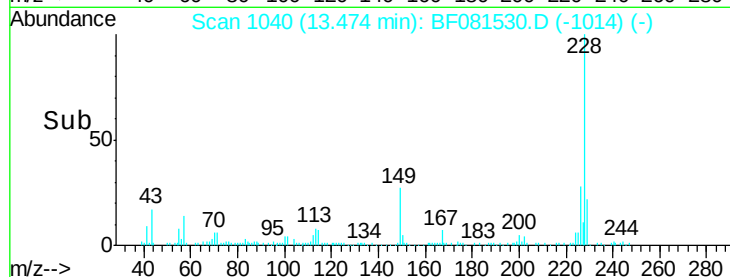
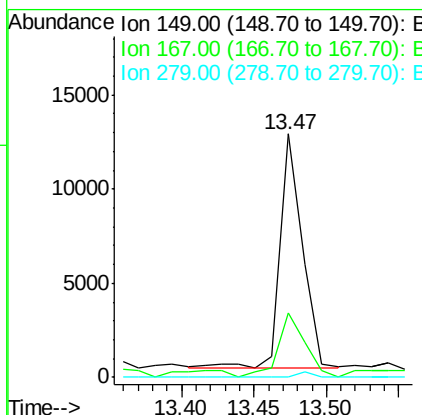
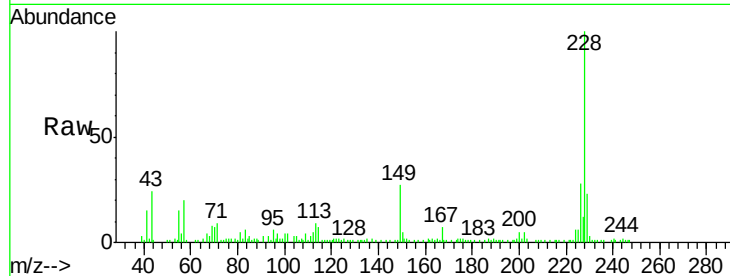
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.79 ng
 RT: 13.47 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BF081530.D
 Acq: 8 Sep 2015 19:18

Instrument :
 BNA_F
 ClientSampleId :
 SANDYLOAMRE

Tgt Ion:	149	Resp:	13218
Ion Ratio	Lower	Upper	
149	100		
167	26.5	24.2	36.2
279	0.0	3.8	5.6#

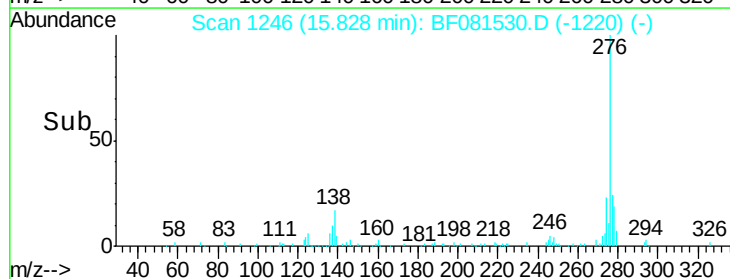
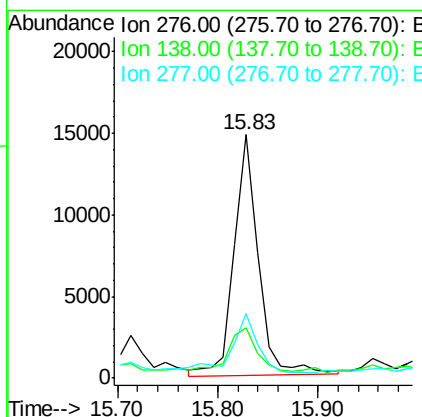
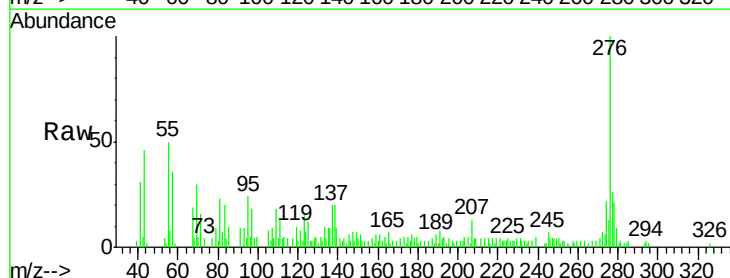
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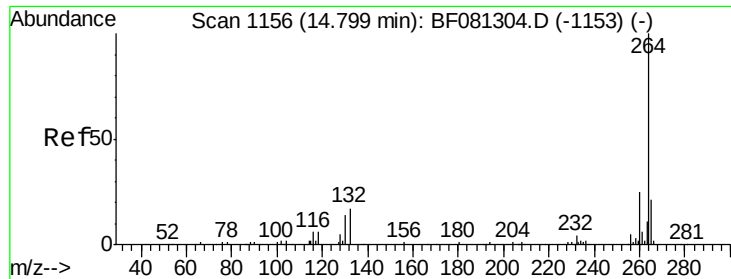
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#85
 Indeno(1,2,3-cd)pyrene
 Concen: 5.34 ng
 RT: 15.83 min Scan# 1246
 Delta R.T. -0.00 min
 Lab File: BF081530.D
 Acq: 8 Sep 2015 19:18

Tgt Ion:	276	Resp:	24974
Ion Ratio	Lower	Upper	
276	100		
138	20.1	25.7	38.5#
277	25.8	15.6	23.4#





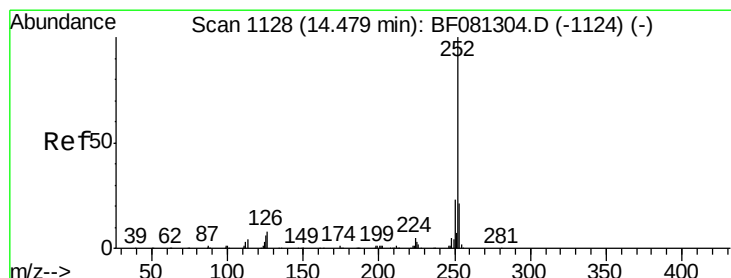
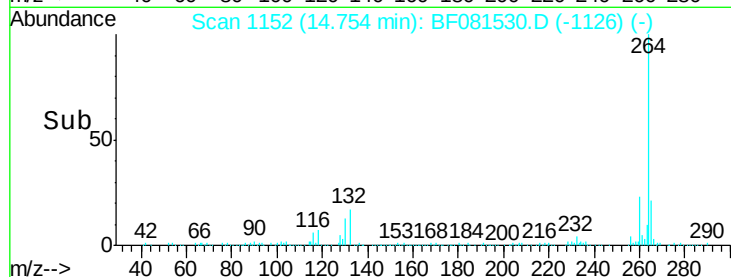
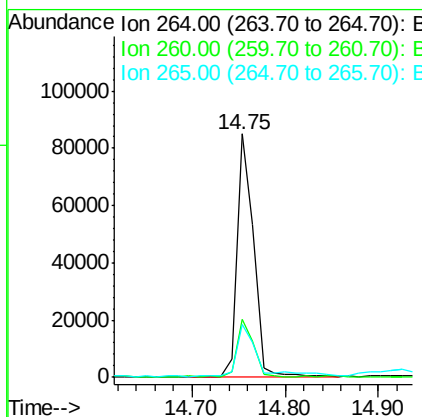
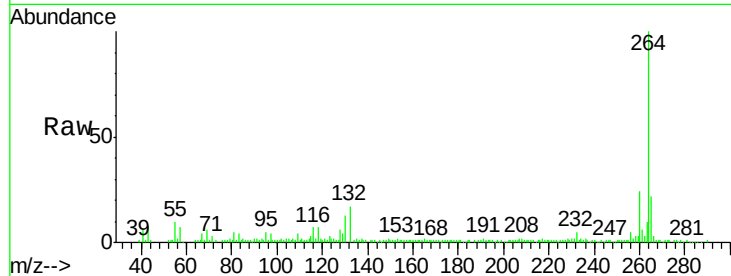
#86
Perylene-d12
Concen: 20.00 ng
RT: 14.75 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BF081530.D
Acq: 8 Sep 2015 19:18

Instrument :
BNA_F
ClientSampleId :
SANDYLOAMRE

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	16.7	25.1
265	21.8	17.2	25.8

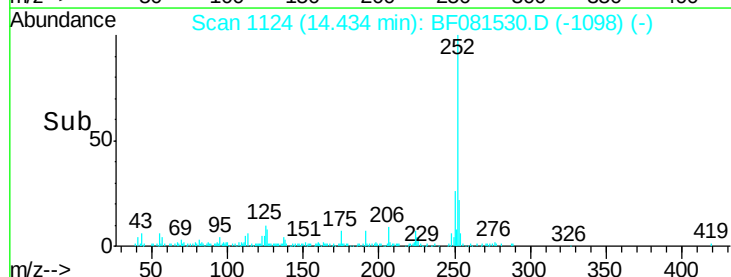
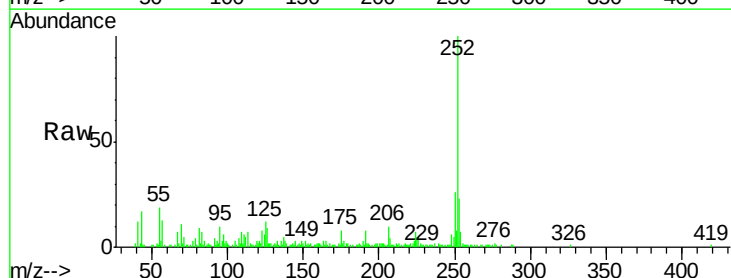
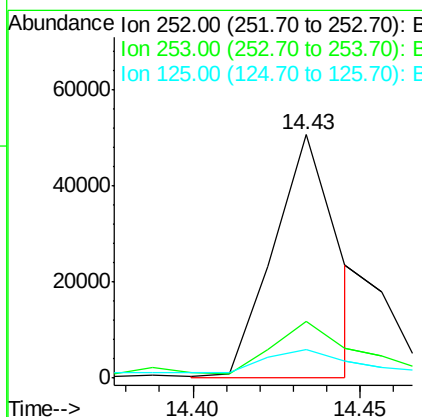
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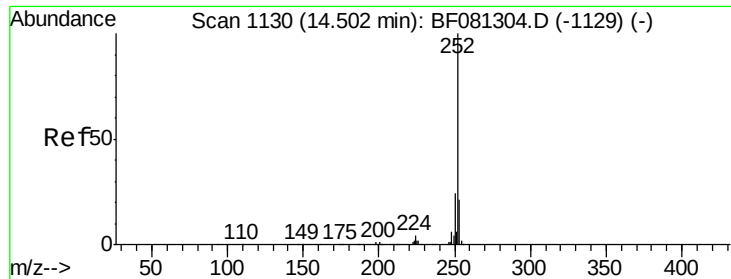
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9/9/2015 2:58:32 PM



#87
Benzo(b)fluoranthene
Concen: 8.90 ng m
RT: 14.43 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BF081530.D
Acq: 8 Sep 2015 19:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.5	26.3
125	11.9	17.1	25.7#





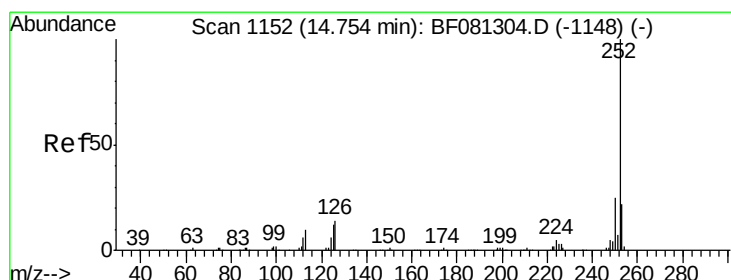
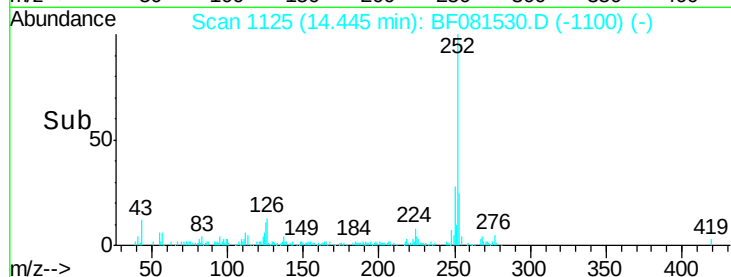
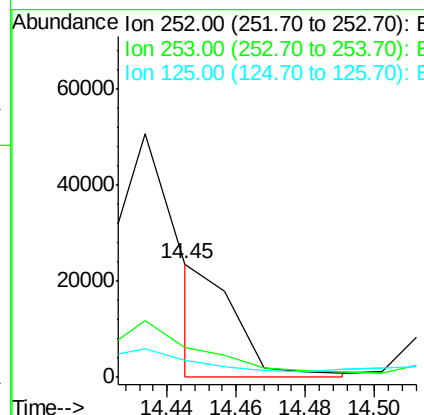
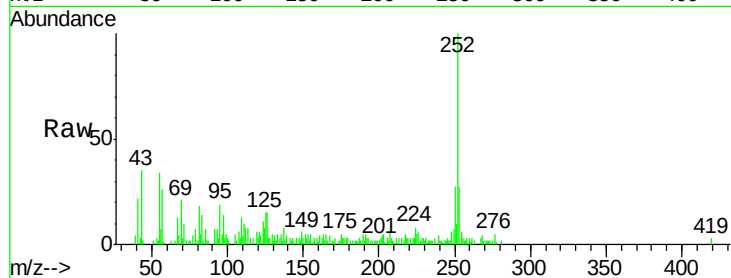
#88
Benzo(k)fluoranthene
Concen: 2.39 ng m
RT: 14.45 min Scan# 1125
Delta R.T. -0.01 min
Lab File: BF081530.D
Acq: 8 Sep 2015 19:18

Instrument :
BNA_F
ClientSampleId :
SANDYLOAMRE

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.9	17.0	25.4#
125	15.3	16.0	24.0#

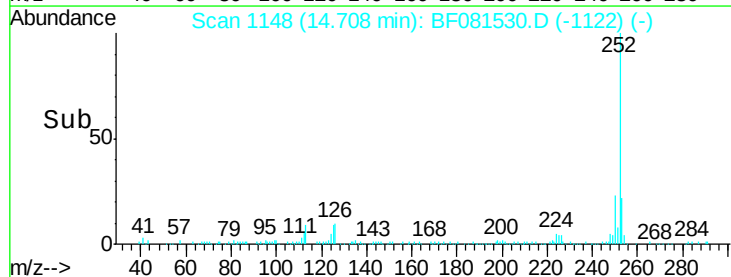
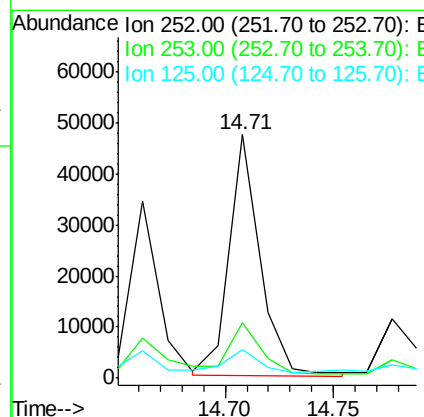
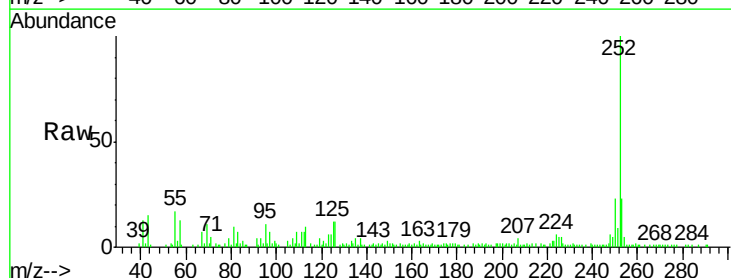
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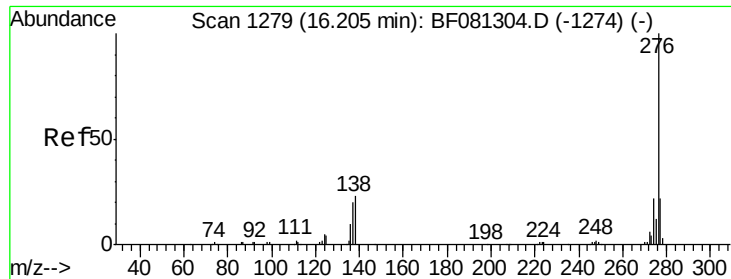
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#89
Benzo(a)pyrene
Concen: 7.30 ng
RT: 14.71 min Scan# 1148
Delta R.T. -0.00 min
Lab File: BF081530.D
Acq: 8 Sep 2015 19:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.2	25.8
125	12.0	18.0	27.0#





#91
 Benzo(g,h,i)perylene
 Concen: 5.06 ng
 RT: 16.15 min Scan# 1274
 Delta R.T. 0.01 min
 Lab File: BF081530.D
 Acq: 8 Sep 2015 19:18

Instrument :
 BNA_F
 ClientSampleId :
 SANDYLOAMRE

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.8	17.8	26.6#
138	18.7	34.6	51.8#

Manual Integrations
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