

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092515\
 Data File : BF081812.D
 Acq On : 25 Sep 2015 19:55
 Operator : UM/IZ
 Sample : G3753-04RE
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-2RE

Manual Integrations
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MMDadoda
 9/28/2015 1:19:31 PM

Quant Time: Sep 26 05:58:31 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 25 06:02:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	148035	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	513604	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	258667	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	425601	20.00	ng	0.00
75) Chrysene-d12	14.12	240	331431	20.00	ng	0.00
86) Perylene-d12	15.60	264	310340	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	829974	94.85	ng	0.00
7) Phenol-d6	6.57	99	1166028	105.35	ng	0.00
23) Nitrobenzene-d5	7.51	82	653218	83.92	ng	-0.01
41) 2,4,6-Tribromophenol	10.78	330	253885	113.05	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	1409032	89.42	ng	0.00
78) Terphenyl-d14	13.06	244	983673	67.80	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.70	163	401486	20.40	ng	# 97
70) Phenanthrene	11.50	178	195281	8.03	ng	98
71) Anthracene	11.56	178	47880	2.04	ng	99
74) Fluoranthene	12.69	202	396616	16.18	ng	92
77) Pyrene	12.92	202	373137	14.93	ng	96
80) Benzo(a)anthracene	14.10	228	248686	12.37	ng	# 91
82) Chrysene	14.14	228	185132	9.61	ng	92
83) Bis(2-ethylhexyl)phthalate	14.09	149	34684	2.87	ng	# 95
85) Indeno(1,2,3-cd)pyrene	17.06	276	103259	5.85	ng	# 83
87) Benzo(b)fluoranthene	15.17	252	272846m	14.83	ng	
88) Benzo(k)fluoranthene	15.19	252	88974m	5.02	ng	
89) Benzo(a)pyrene	15.53	252	184691m	11.12	ng	
91) Benzo(g,h,i)perylene	17.51	276	98598	5.52	ng	# 76

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

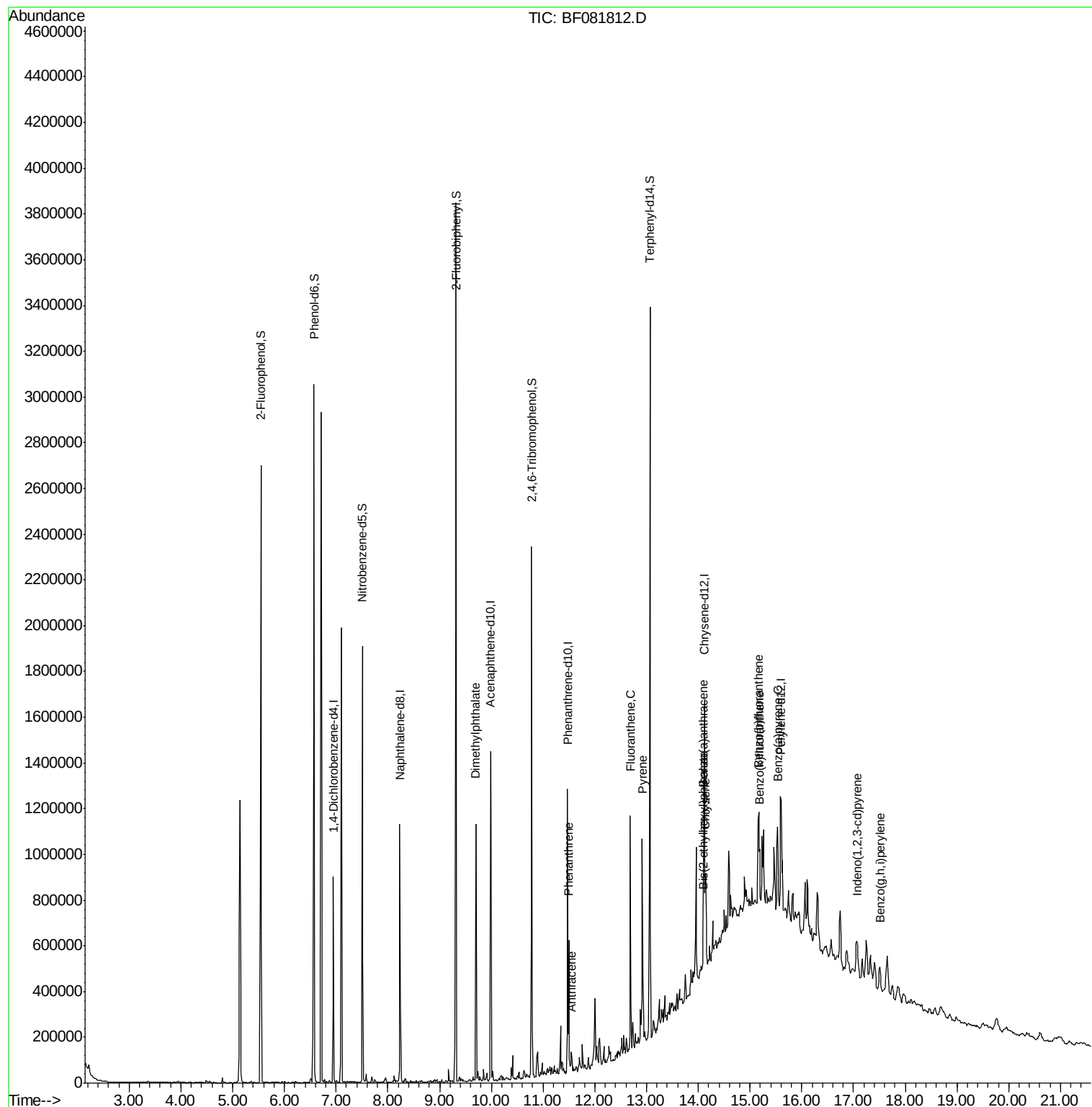
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092515\
Data File : BF081812.D
Acq On : 25 Sep 2015 19:55
Operator : UM/IZ
Sample : G3753-04RE
Misc :
ALS Vial : 25 Sample Multiplier: 1

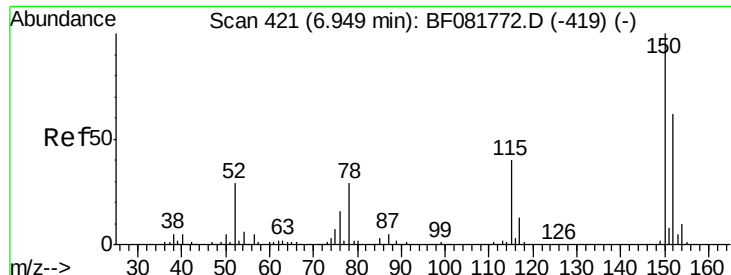
Instrument :
BNA_F
ClientSampleId :
SP-2RE

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
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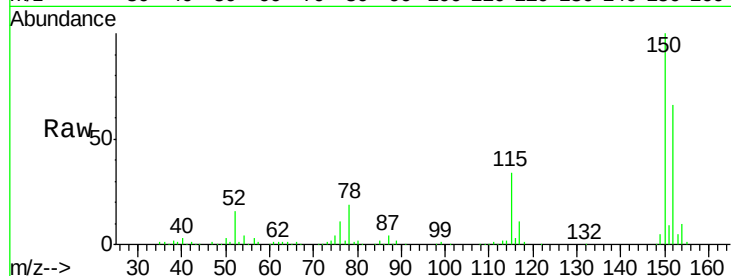
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.95 min Scan# 421
 Delta R.T. 0.00 min
 Lab File: BF081812.D
 Acq: 25 Sep 2015 19:55

Instrument :
 BNA_F
 ClientSampleId :
 SP-2RE

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	148035		
150	152.1	124.7	187.1	
115	52.3	39.0	58.4	

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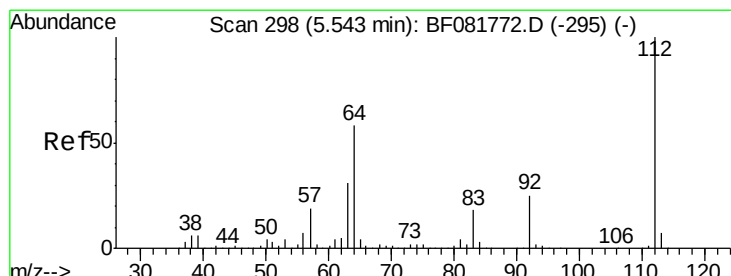
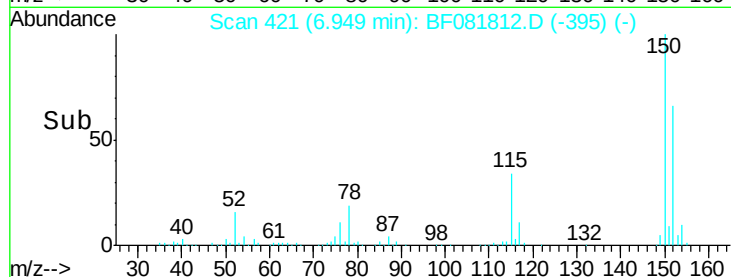
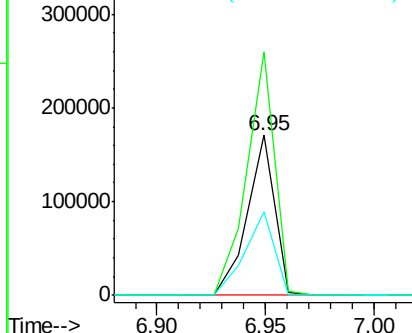


Abundance

Ion 152.00 (151.70 to 152.70): E

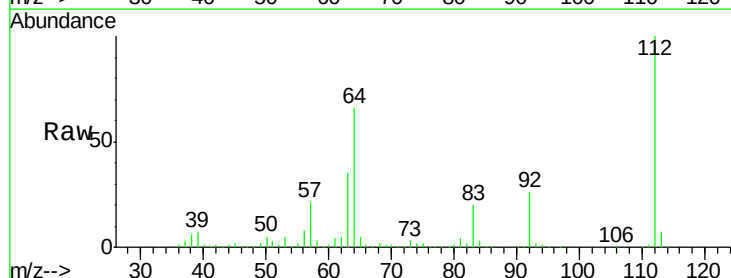
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 94.85 ng
 RT: 5.54 min Scan# 298
 Delta R.T. 0.00 min
 Lab File: BF081812.D
 Acq: 25 Sep 2015 19:55

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	829974		
64	65.9	39.7	59.5#	
63	35.2	17.4	26.0#	

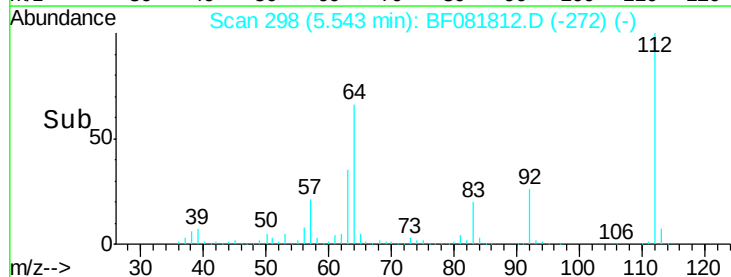
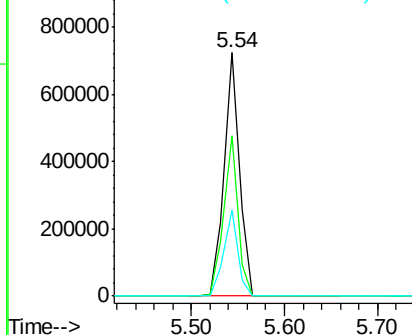


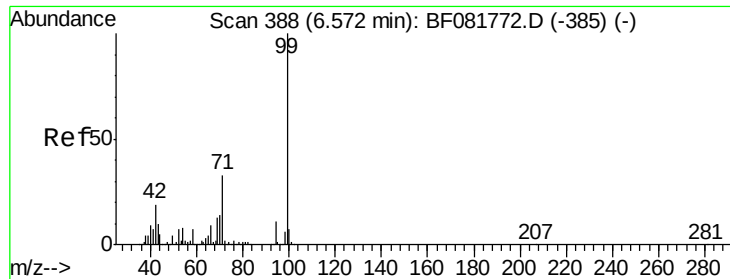
Abundance

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: 105.35 ng

RT: 6.57 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF081812.D

Acq: 25 Sep 2015 19:55

Instrument :

BNA_F

ClientSampled :

SP-2RE

Tgt Ion: 99 Resp: 1166028

Ion Ratio Lower Upper

99 100

42 19.0 13.7 20.5

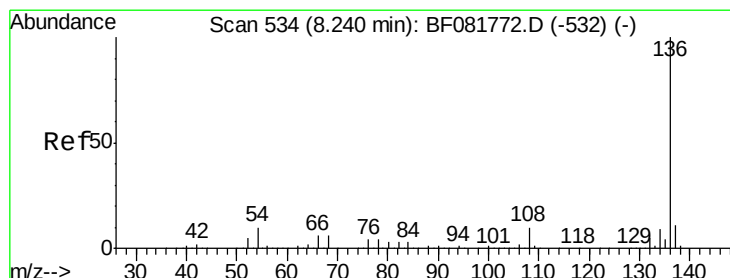
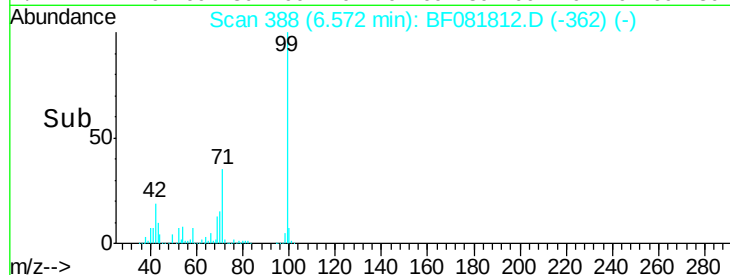
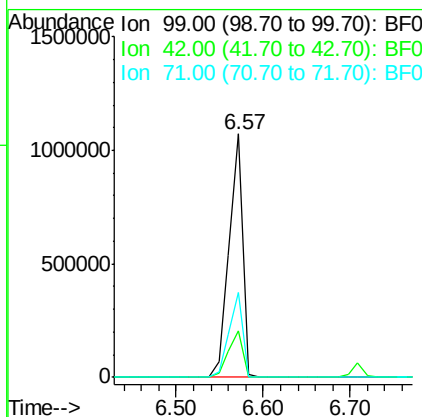
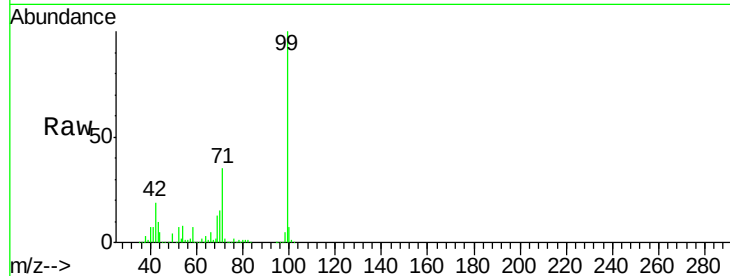
71 35.0 14.2 21.2#

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.23 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF081812.D

Acq: 25 Sep 2015 19:55

Tgt Ion: 136 Resp: 513604

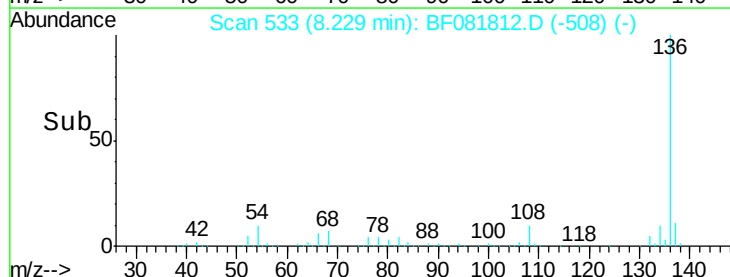
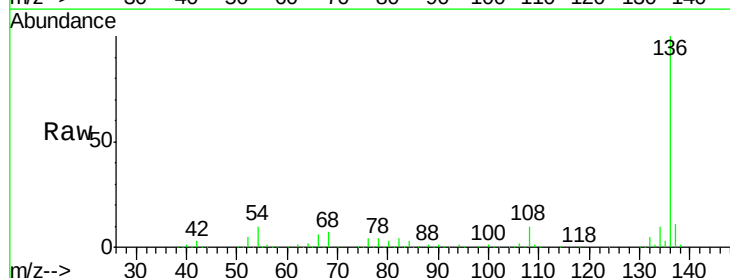
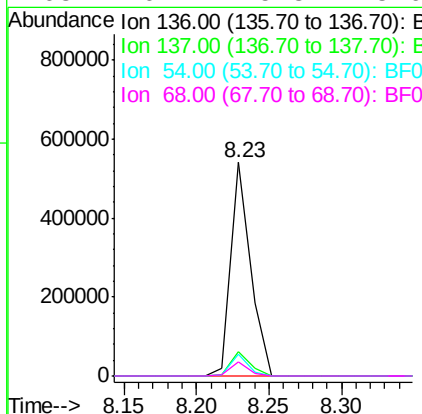
Ion Ratio Lower Upper

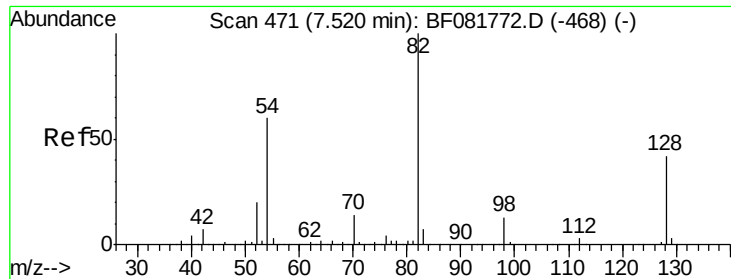
136 100

137 11.5 9.0 13.6

54 10.1 8.2 12.2

68 6.7 5.8 8.6





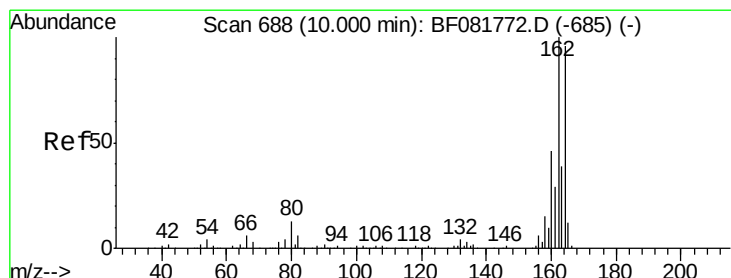
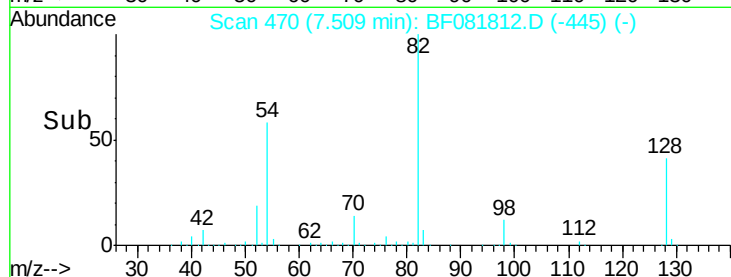
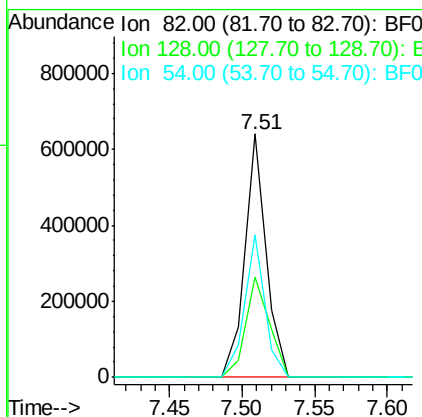
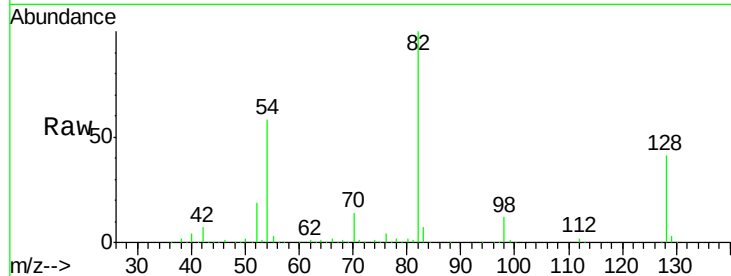
#23
 Nitrobenzene-d5
 Concen: 83.92 ng
 RT: 7.51 min Scan# 470
 Delta R.T. -0.01 min
 Lab File: BF081812.D
 Acq: 25 Sep 2015 19:55

Instrument :
 BNA_F
 ClientSampleId :
 SP-2RE

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	653218		
128	41.3	51.0	76.6#	
54	58.4	47.5	71.3	

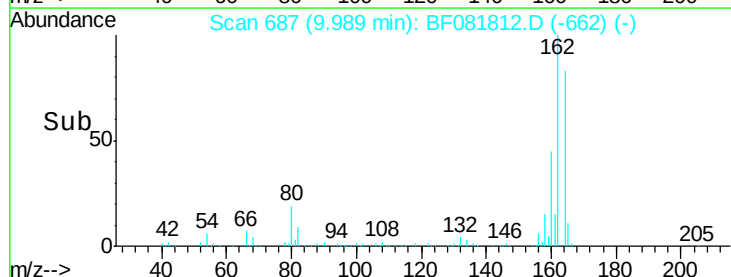
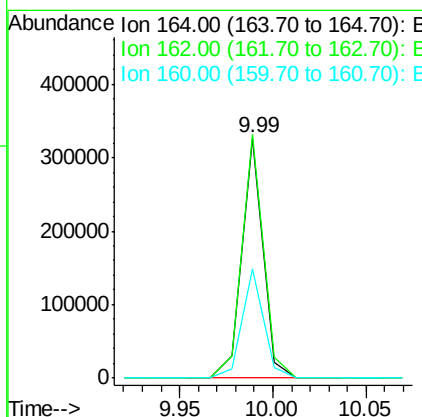
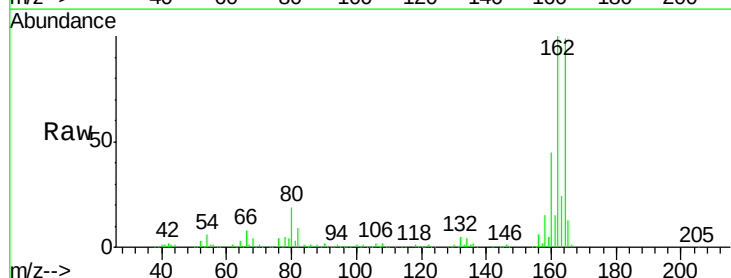
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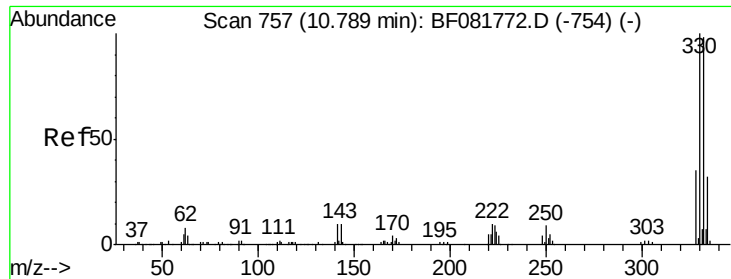
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.99 min Scan# 687
 Delta R.T. -0.01 min
 Lab File: BF081812.D
 Acq: 25 Sep 2015 19:55

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	258667		
162	101.5	75.2	112.8	
160	45.5	31.5	47.3	





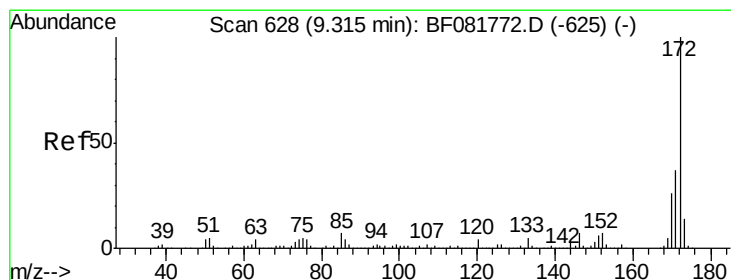
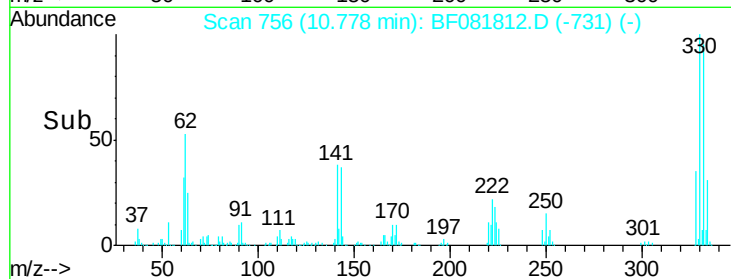
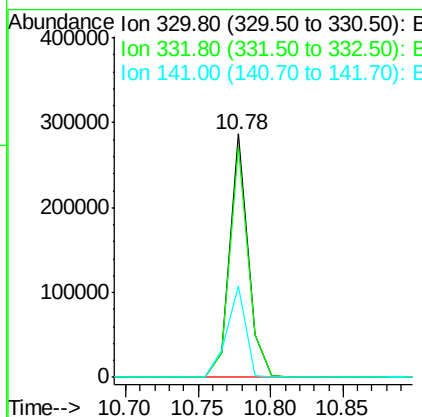
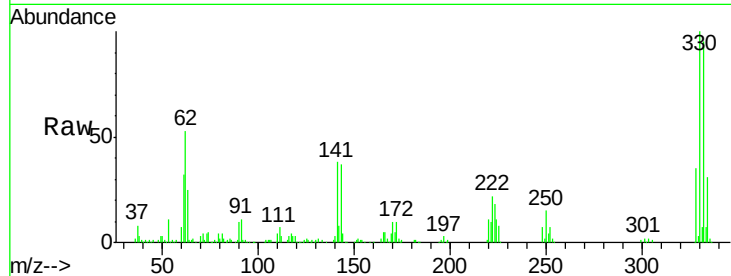
#41
 2,4,6-Tribromophenol
 Concen: 113.05 ng
 RT: 10.78 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF081812.D
 Acq: 25 Sep 2015 19:55

Instrument :
 BNA_F
 ClientSampleId :
 SP-2RE

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	253885		
332	95.8	76.6	114.8	
141	39.2	29.7	44.5	

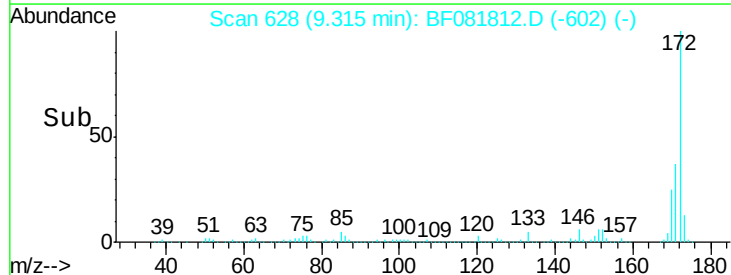
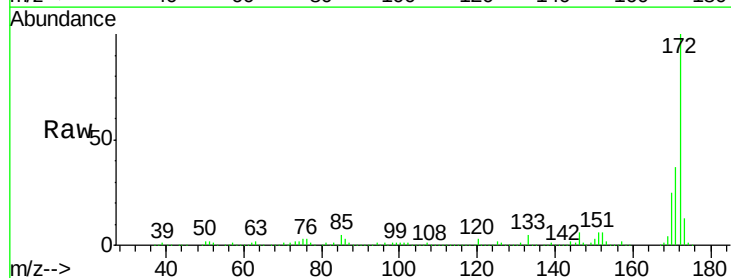
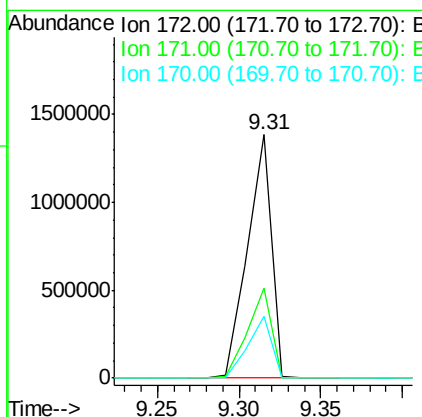
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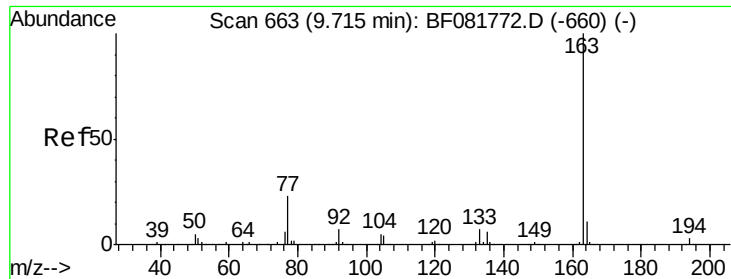
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#44
 2-Fluorobiphenyl
 Concen: 89.42 ng
 RT: 9.31 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF081812.D
 Acq: 25 Sep 2015 19:55

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1409032		
171	36.9	26.1	39.1	
170	25.2	17.4	26.2	





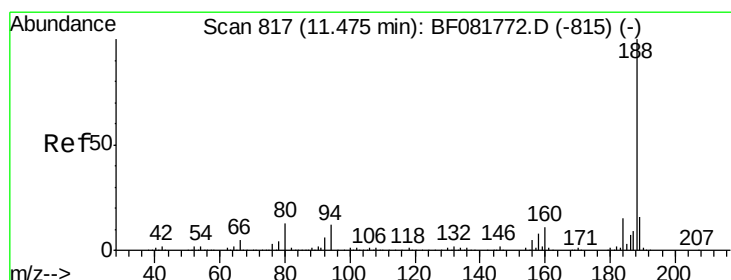
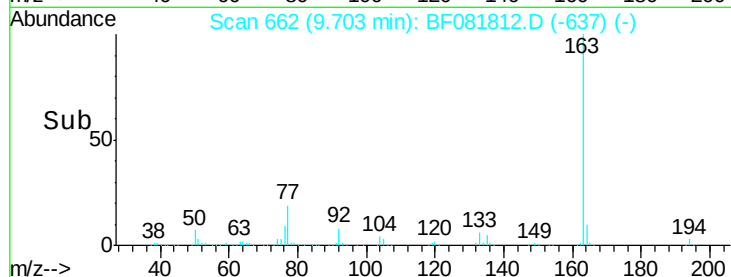
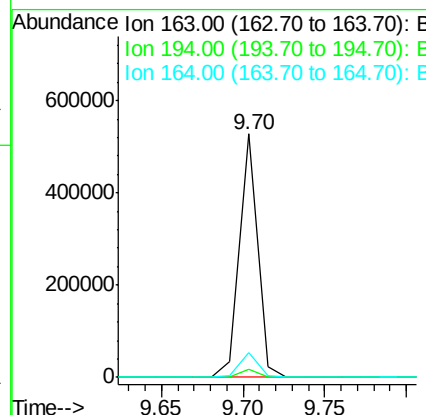
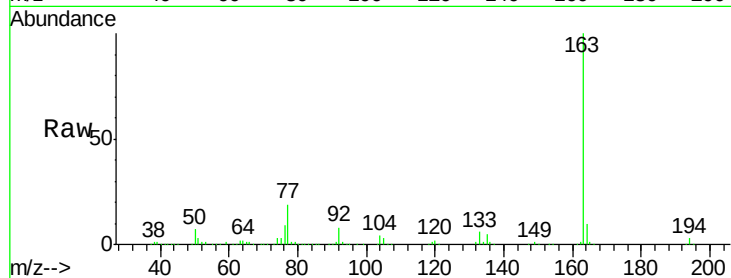
#49
Dimethylphthalate
Concen: 20.40 ng
RT: 9.70 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF081812.D
Acq: 25 Sep 2015 19:55

Instrument :
BNA_F
ClientSampleId :
SP-2RE

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	401486		
194	3.3	4.4	6.6#	
164	10.2	8.3	12.5	

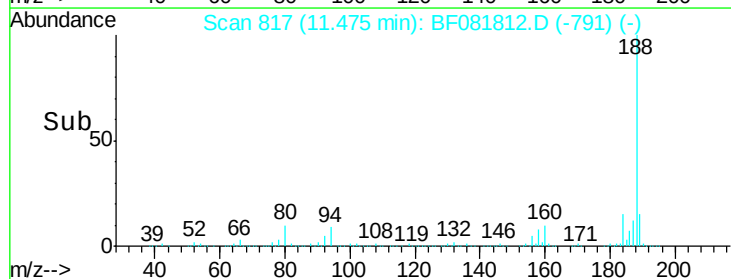
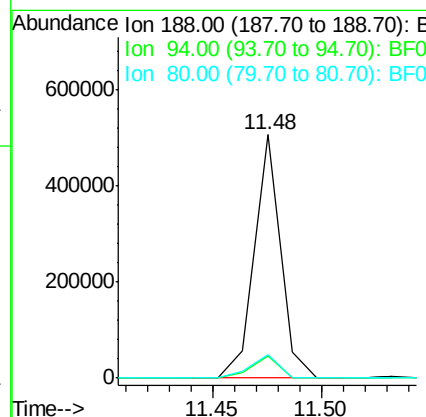
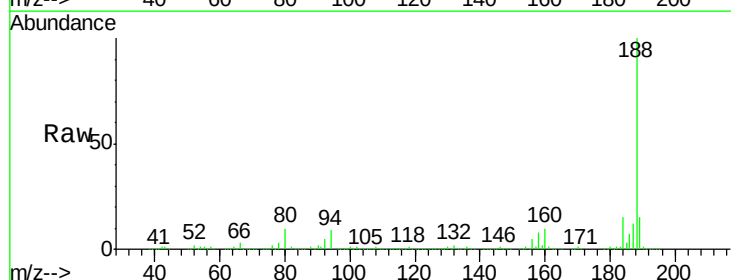
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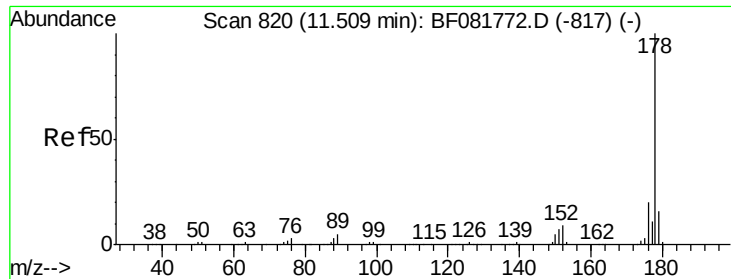
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF081812.D
Acq: 25 Sep 2015 19:55

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	425601		
94	9.2	11.1	16.7#	
80	9.7	11.0	16.4#	





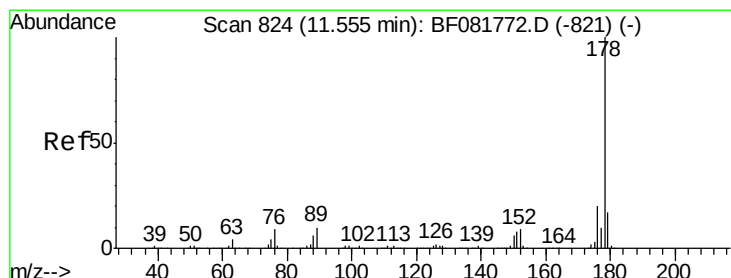
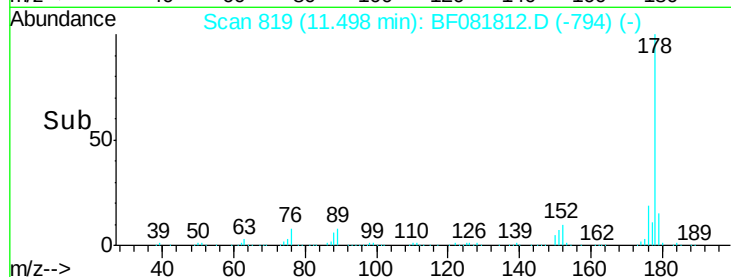
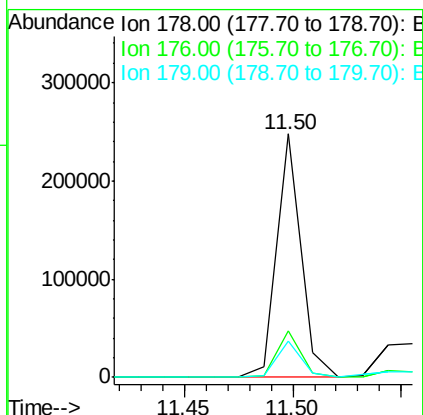
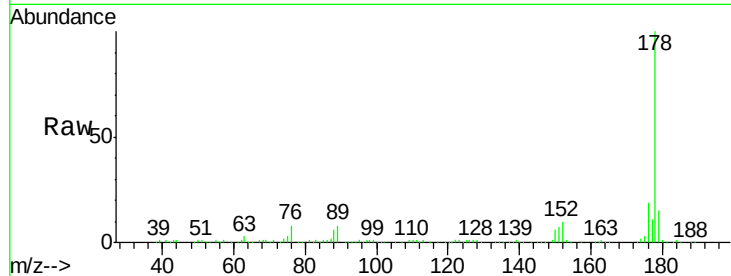
#70
Phenanthrene
Concen: 8.03 ng
RT: 11.50 min Scan# 819
Delta R.T. -0.01 min
Lab File: BF081812.D
Acq: 25 Sep 2015 19:55

Instrument :
BNA_F
ClientSampleId :
SP-2RE

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	13.8	20.8
179	15.1	12.2	18.2

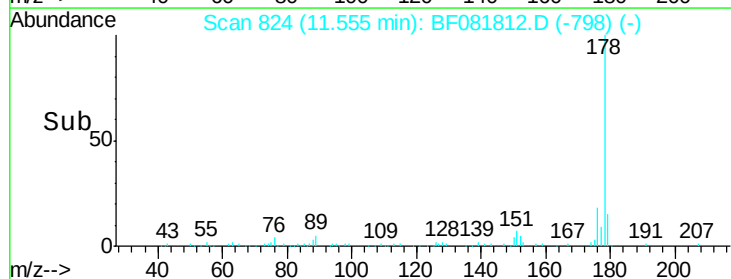
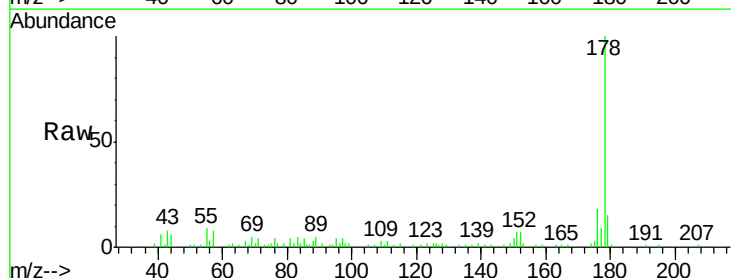
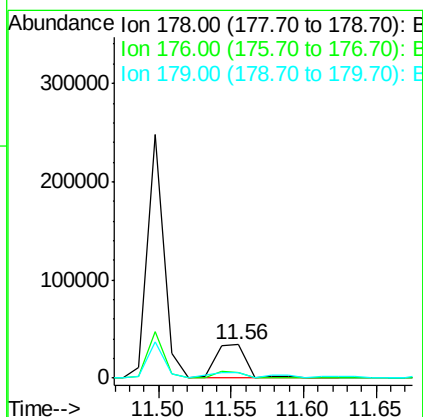
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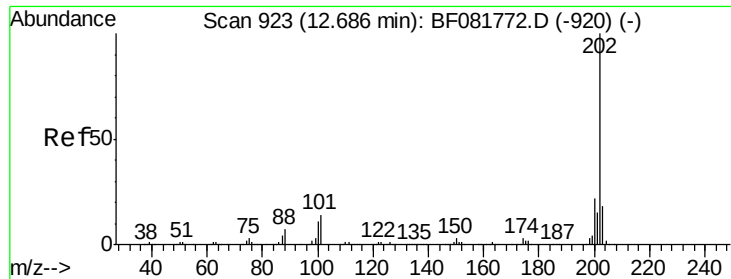
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#71
Anthracene
Concen: 2.04 ng
RT: 11.56 min Scan# 824
Delta R.T. 0.00 min
Lab File: BF081812.D
Acq: 25 Sep 2015 19:55

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.1	21.1
179	15.2	12.2	18.2





#74

Fluoranthene

Concen: 16.18 ng

RT: 12.69 min Scan# 923

Delta R.T. 0.00 min

Lab File: BF081812.D

Acq: 25 Sep 2015 19:55

Instrument :

BNA_F

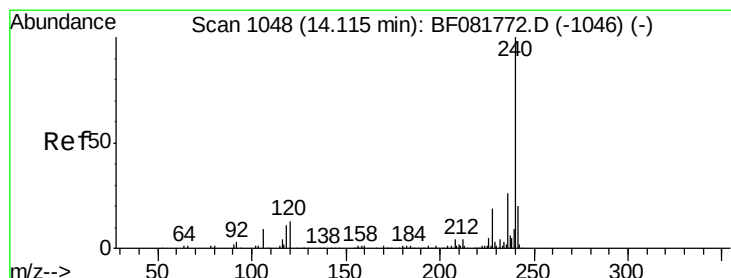
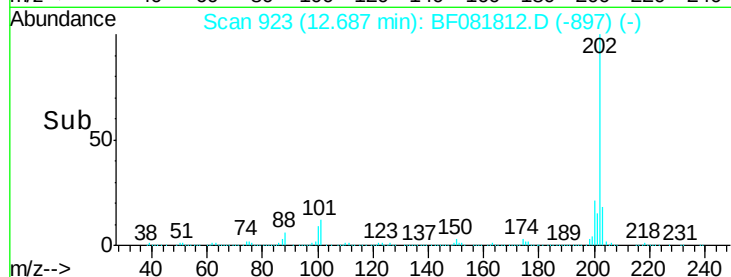
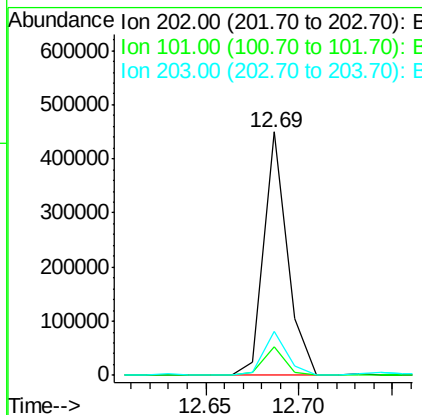
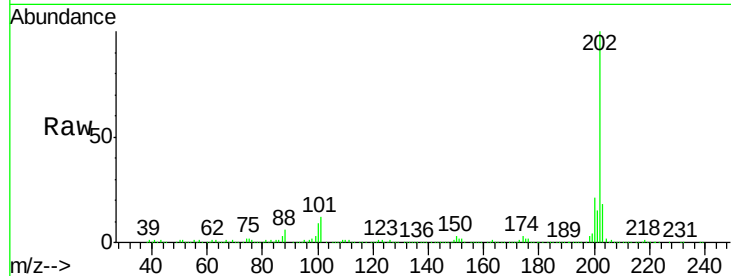
ClientSampleId :

SP-2RE

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		396616		
101	11.8	0.0	38.3		
203	17.9	0.0	37.3		

Manual Integrations
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#75

Chrysene-d12

Concen: 20.00 ng

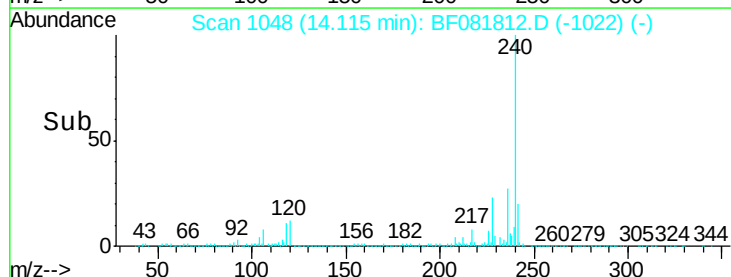
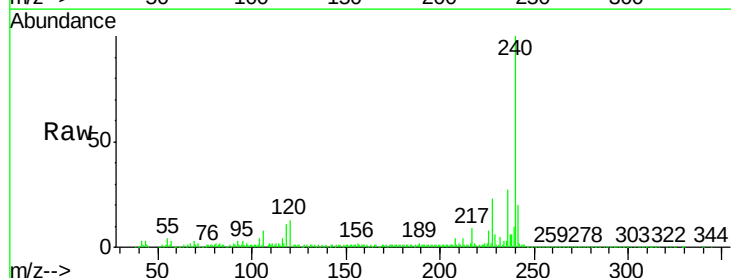
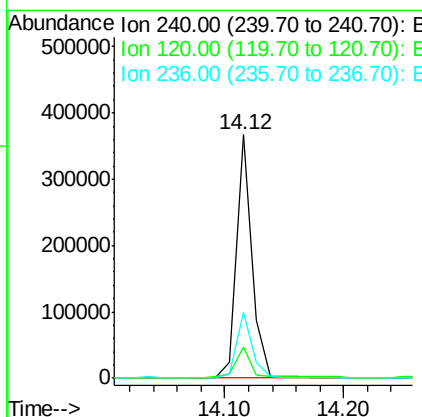
RT: 14.12 min Scan# 1048

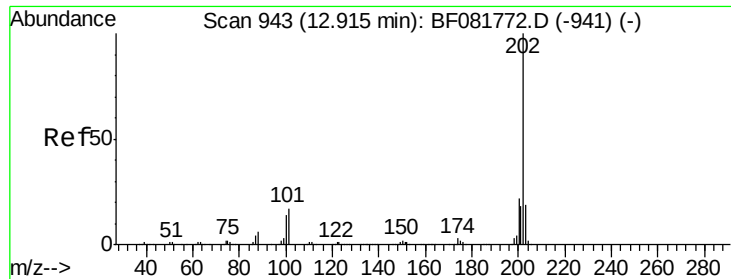
Delta R.T. 0.00 min

Lab File: BF081812.D

Acq: 25 Sep 2015 19:55

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		331431		
120	12.6	16.2	24.2#		
236	26.9	18.4	27.6		





#77

Pyrene

Concen: 14.93 ng

RT: 12.92 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF081812.D

Acq: 25 Sep 2015 19:55

Instrument :

BNA_F

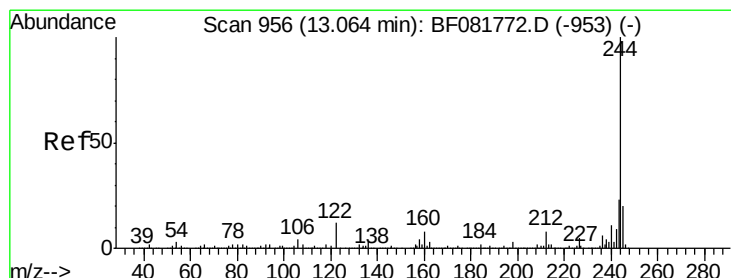
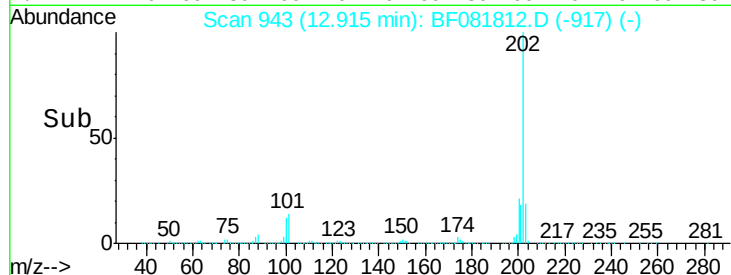
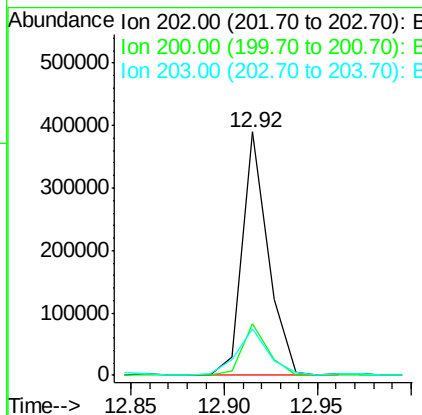
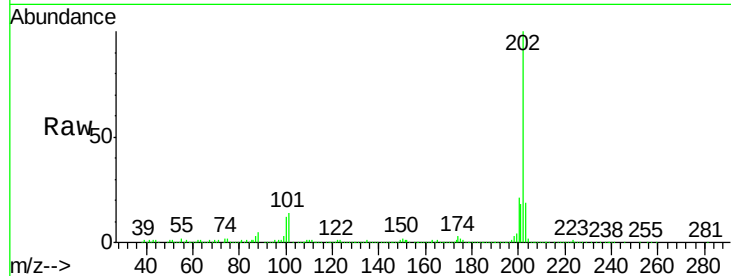
ClientSampled :

SP-2RE

Tgt Ion:	202	Resp:	373137
Ion Ratio	Lower	Upper	
202	100		
200	21.3	15.0	22.4
203	19.0	14.1	21.1

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#78

Terphenyl-d14

Concen: 67.80 ng

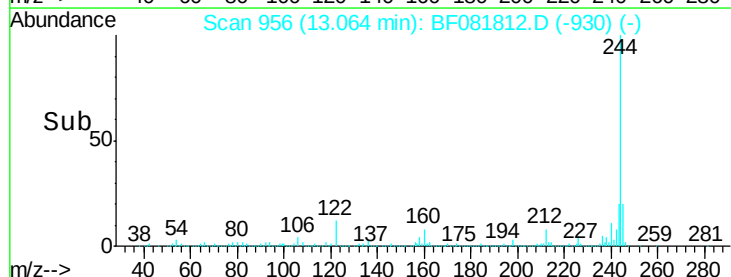
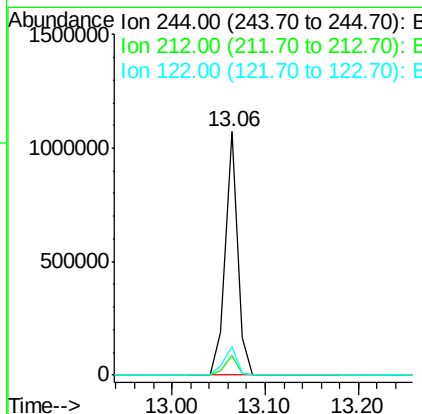
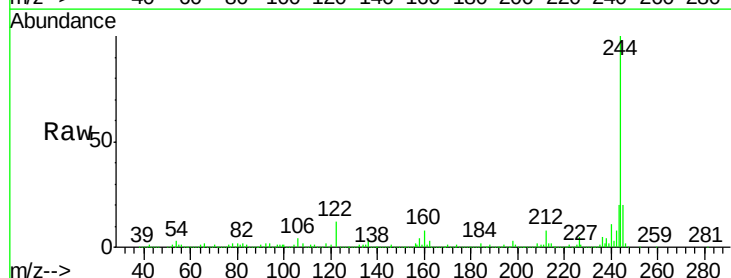
RT: 13.06 min Scan# 956

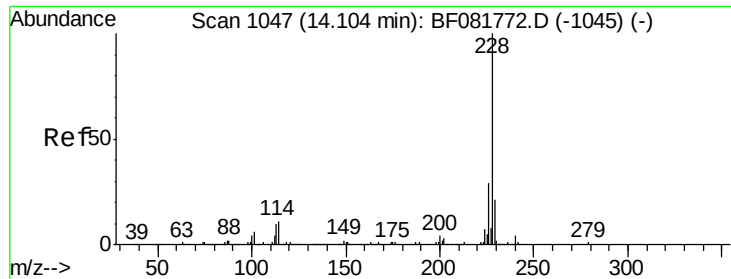
Delta R.T. 0.00 min

Lab File: BF081812.D

Acq: 25 Sep 2015 19:55

Tgt Ion:	244	Resp:	983673
Ion Ratio	Lower	Upper	
244	100		
212	8.0	4.3	6.5#
122	11.8	17.4	26.2#





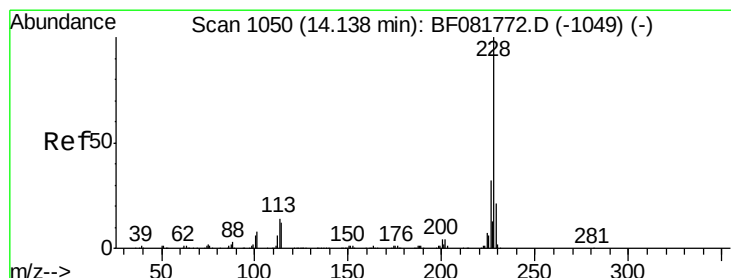
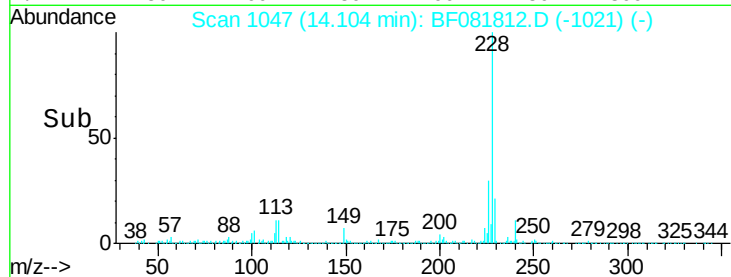
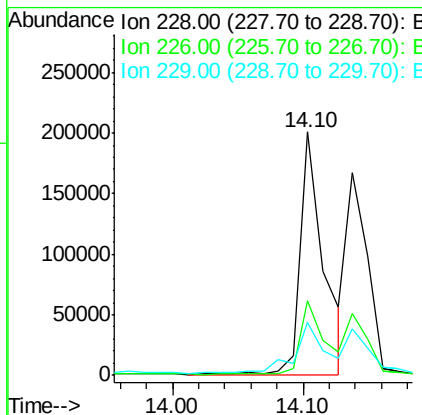
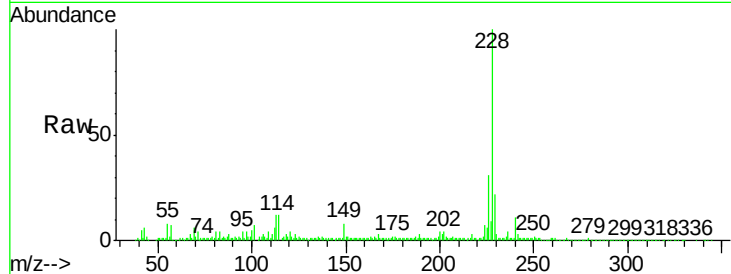
#80
Benzo(a)anthracene
Concen: 12.37 ng
RT: 14.10 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF081812.D
Acq: 25 Sep 2015 19:55

Instrument :
BNA_F
ClientSampled :
SP-2RE

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	248686		
226	30.8	20.0	30.0#	
229	21.8	15.4	23.2	

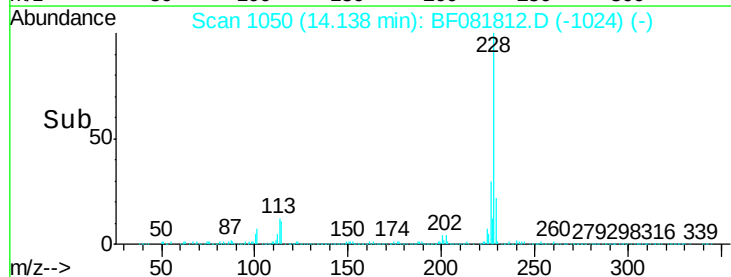
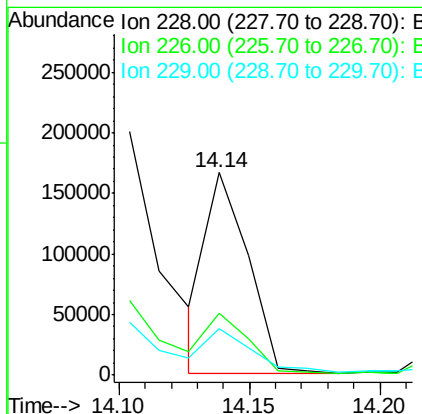
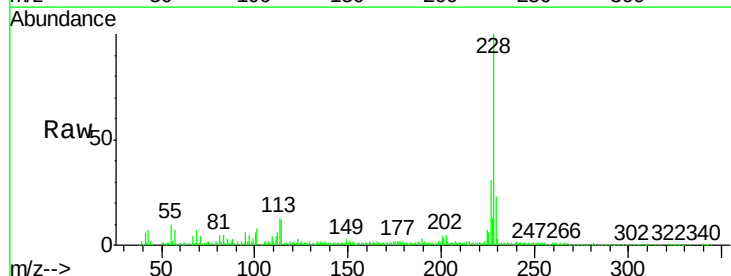
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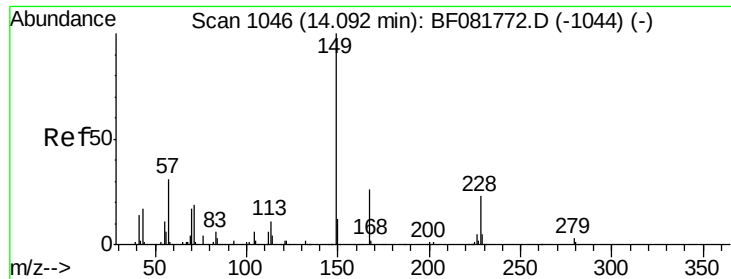
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#82
Chrysene
Concen: 9.61 ng
RT: 14.14 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF081812.D
Acq: 25 Sep 2015 19:55

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	185132		
226	30.9	21.0	31.4	
229	22.7	15.6	23.4	





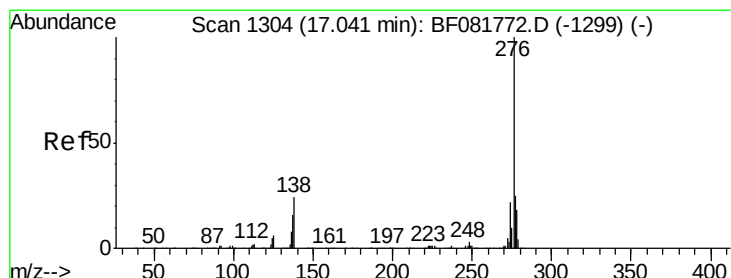
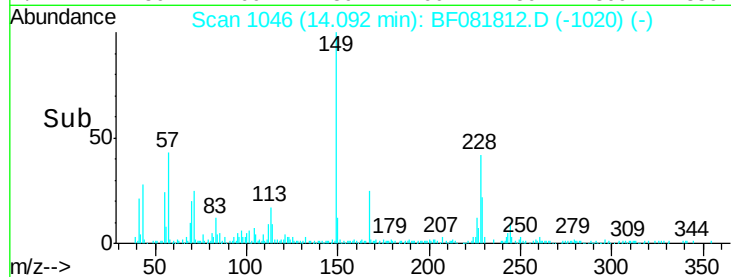
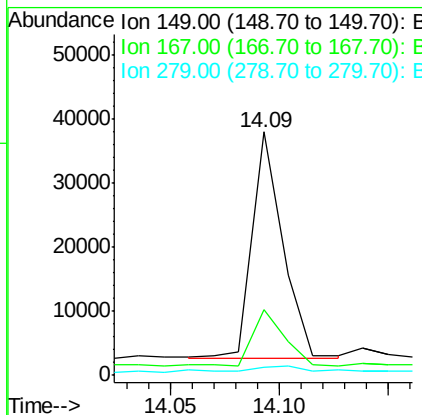
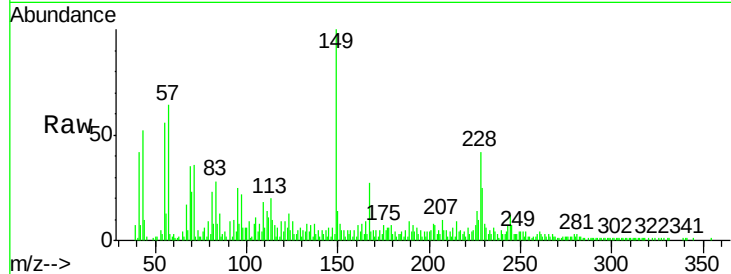
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.87 ng
 RT: 14.09 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: BF081812.D
 Acq: 25 Sep 2015 19:55

Instrument :
 BNA_F
 ClientSampled :
 SP-2RE

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.2	24.2	36.2
279	3.3	3.8	5.6

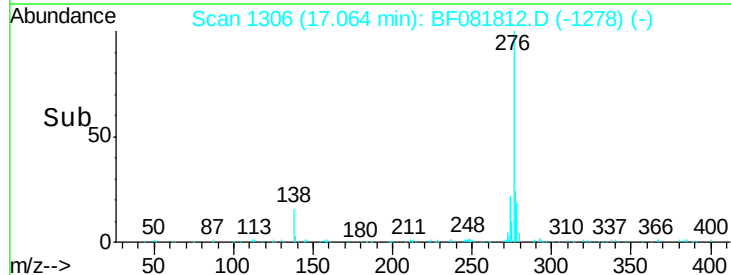
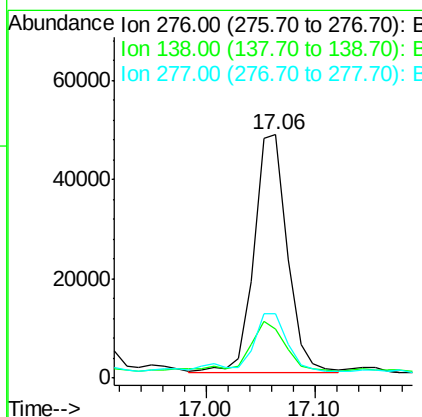
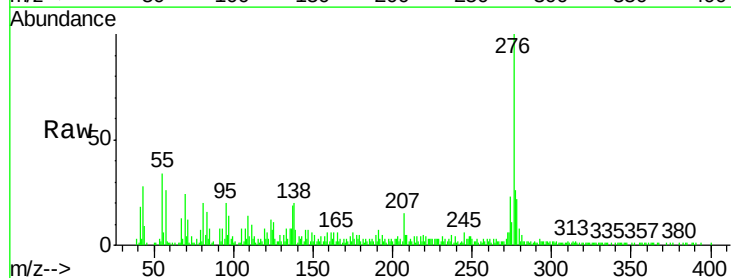
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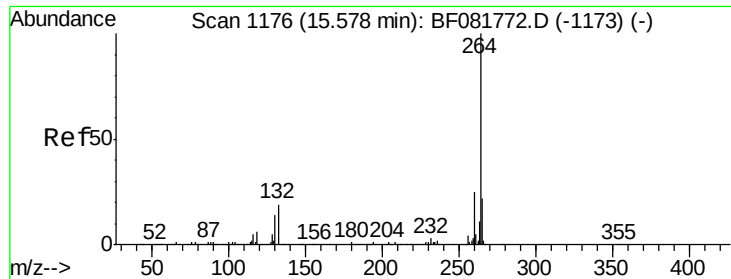
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#85
 Indeno(1,2,3-cd)pyrene
 Concen: 5.85 ng
 RT: 17.06 min Scan# 1306
 Delta R.T. 0.02 min
 Lab File: BF081812.D
 Acq: 25 Sep 2015 19:55

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.2	25.7	38.5
277	28.2	15.6	23.4





#86

Perylene-d12

Concen: 20.00 ng

RT: 15.60 min Scan# 1178

Delta R.T. 0.02 min

Lab File: BF081812.D

Acq: 25 Sep 2015 19:55

Instrument :

BNA_F

ClientSampled :

SP-2RE

Tgt Ion: 264 Resp: 310340
Ion Ratio Lower Upper

264 100

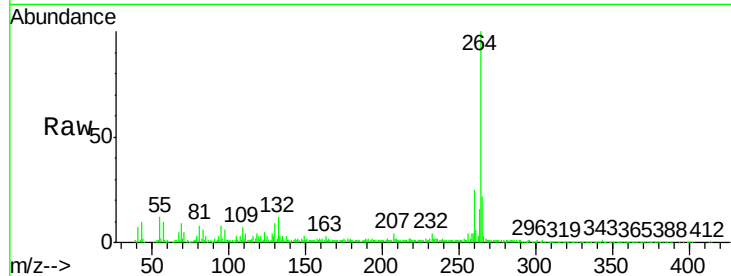
260 24.5 16.7 25.1

265 22.2 17.2 25.8

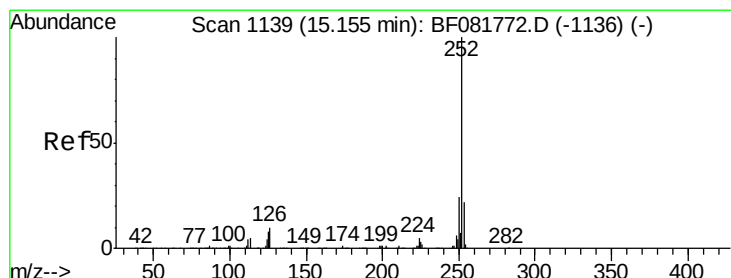
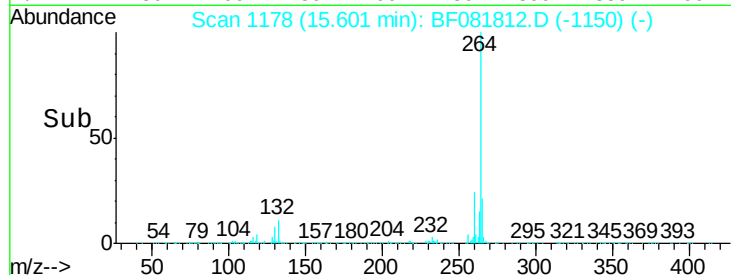
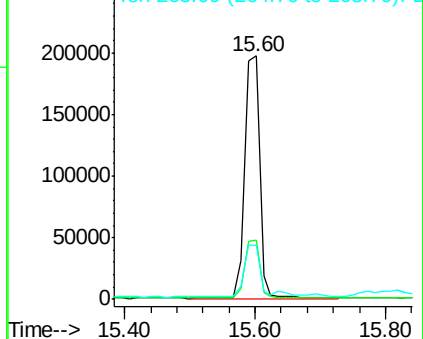
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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 14.83 ng m

RT: 15.17 min Scan# 1140

Delta R.T. 0.01 min

Lab File: BF081812.D

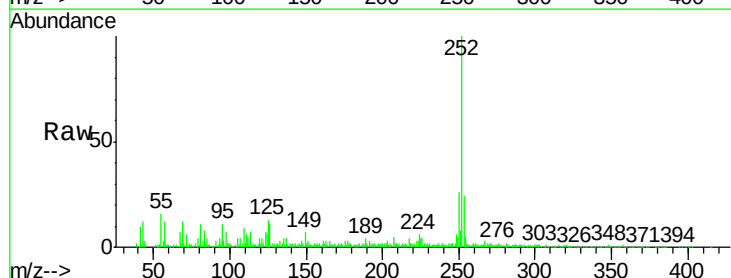
Acq: 25 Sep 2015 19:55

Tgt Ion: 252 Resp: 272846
Ion Ratio Lower Upper

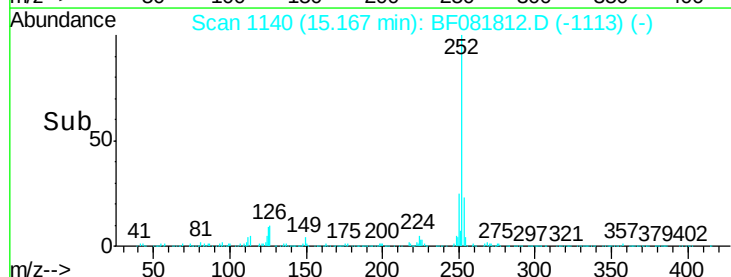
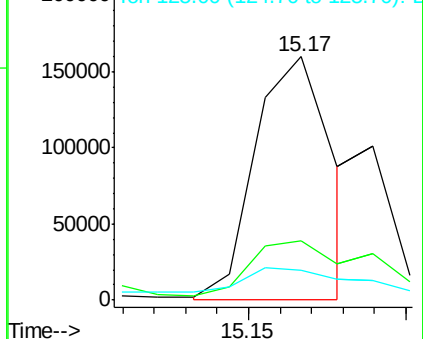
252 100

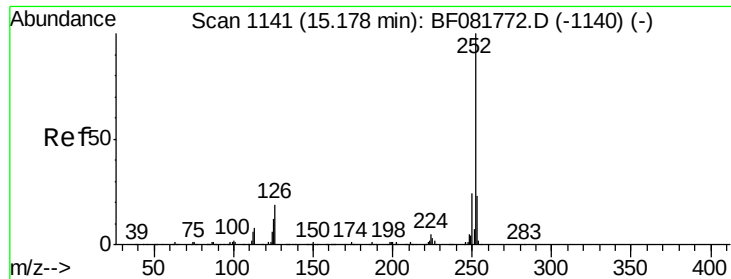
253 24.3 17.5 26.3

125 12.5 17.1 25.7#



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





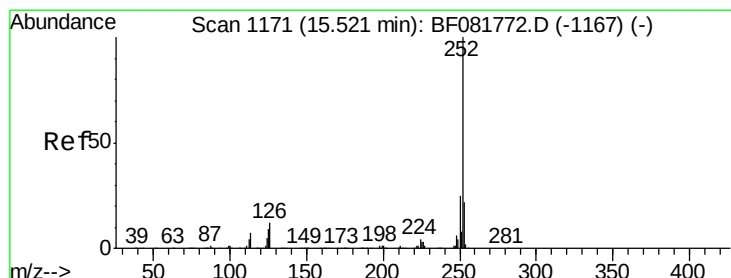
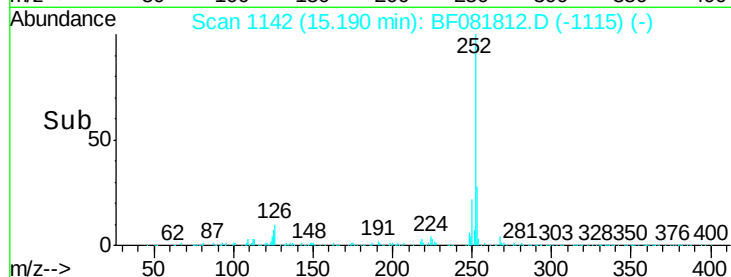
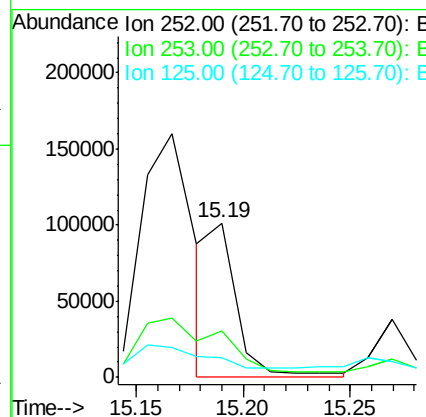
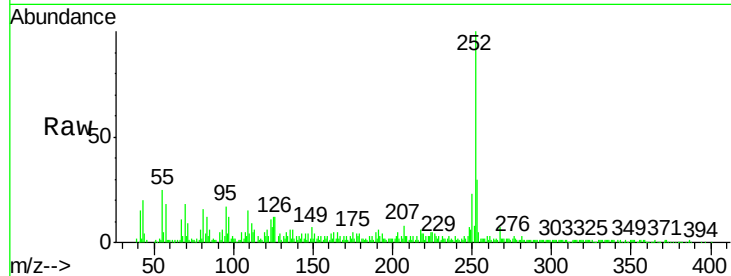
#88
Benzo(k)fluoranthene
Concen: 5.02 ng m
RT: 15.19 min Scan# 1142
Delta R.T. 0.01 min
Lab File: BF081812.D
Acq: 25 Sep 2015 19:55

Instrument :
BNA_F
ClientSampleId :
SP-2RE

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.9	17.0	25.4#
125	12.3	16.0	24.0#

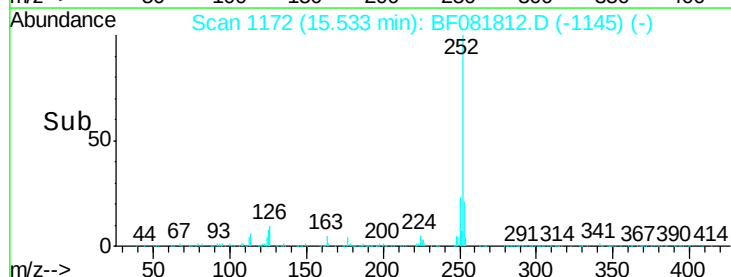
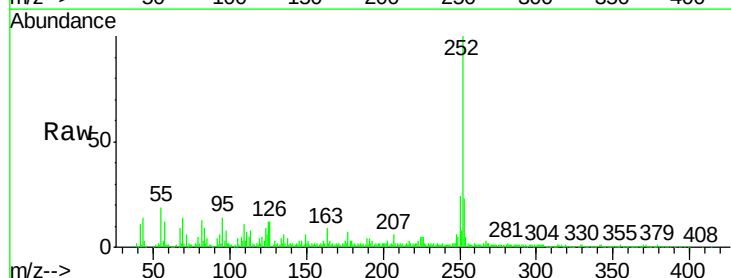
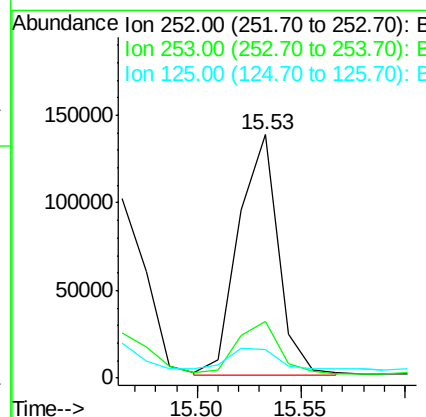
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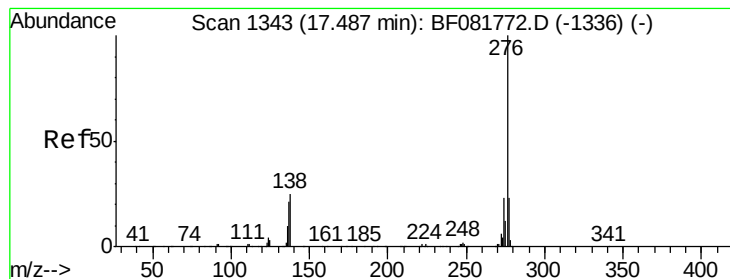
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#89
Benzo(a)pyrene
Concen: 11.12 ng m
RT: 15.53 min Scan# 1172
Delta R.T. 0.01 min
Lab File: BF081812.D
Acq: 25 Sep 2015 19:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.2	25.8
125	11.6	18.0	27.0#





#91

Benzo(g,h,i)perylene

Concen: 5.52 ng

RT: 17.51 min Scan# 1345

Delta R.T. 0.02 min

Lab File: BF081812.D

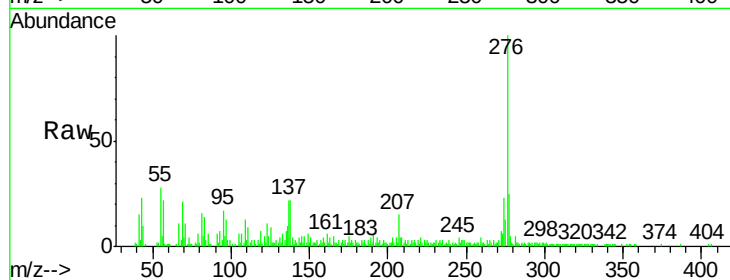
Acq: 25 Sep 2015 19:55

Instrument :

BNA_F

ClientSampleId :

SP-2RE



Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.9	17.8	26.6
138	22.0	34.6	51.8#

Manual Integrations
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