

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011217\
 Data File : BF092235.D
 Acq On : 13 Jan 2017 5:15
 Operator : UM/SJ
 Sample : I1131-07
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-004

Manual Integrations
 APPROVED

Sohil
 1/13/2017 11:07:19 AM

Quant Time: Jan 13 07:12:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	138685	20.00	ng	-0.05
21) Naphthalene-d8	7.88	136	585925	20.00	ng	-0.06
38) Acenaphthene-d10	9.62	164	270659	20.00	ng	-0.06
63) Phenanthrene-d10	11.11	188	415993	20.00	ng	-0.05
75) Chrysene-d12	13.73	240	321121	20.00	ng	-0.06
86) Perylene-d12	15.09	264	315385	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1714139	206.38	ng	-0.03
7) Phenol-d6	6.26	99	1835562	181.01	ng	-0.05
23) Nitrobenzene-d5	7.17	82	1212598	115.08	ng	-0.05
41) 2,4,6-Tribromophenol	10.42	330	346005	154.47	ng	-0.05
44) 2-Fluorobiphenyl	8.96	172	1403706	110.07	ng	-0.05
78) Terphenyl-d14	12.69	244	992155	74.93	ng	-0.06
Target Compounds						
10) Phenol	6.28	94	36817	3.19	ng	Qvalue 81
49) Dimethylphthalate	9.36	163	387876	22.41	ng	99
74) Fluoranthene	12.31	202	129836	2.99	ng	94
77) Pyrene	12.54	202	108966	4.62	ng	97
80) Benzo(a)anthracene	13.73	228	67566	3.73	ng	98
82) Chrysene	13.76	228	52388m	2.88	ng	
85) Indeno(1,2,3-cd)pyrene	16.33	276	34949	2.22	ng	# 88
87) Benzo(b)fluoranthene	14.72	252	77432m	3.94	ng	
88) Benzo(k)fluoranthene	14.73	252	40069m	2.39	ng	
89) Benzo(a)pyrene	15.04	252	61265	3.52	ng	97
91) Benzo(g,h,i)perylene	16.71	276	36651	2.46	ng	97

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

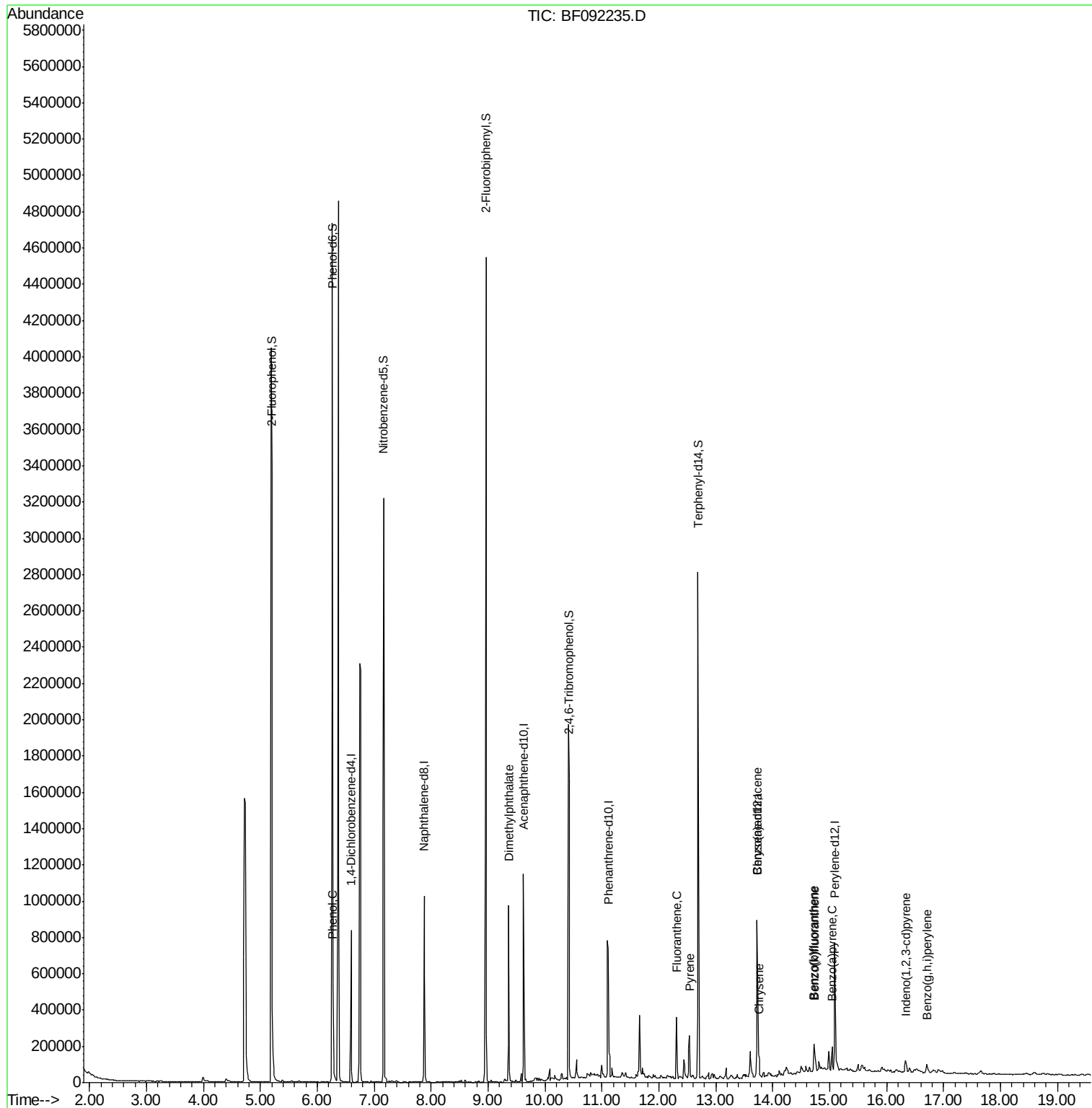
Data Path : Z:\HPCHEM1\BNA F\DATA\BF011217\
Data File : BF092235.D
Acq On : 13 Jan 2017 5:15
Operator : UM/SJ
Sample : I1131-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

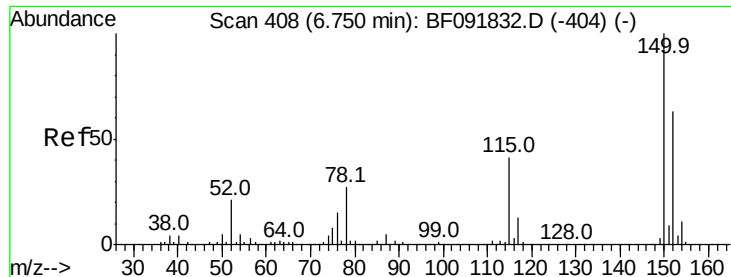
Instrument :
BNA_F
ClientSampleId :
SW-004

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Quant Time: Jan 13 07:12:40 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

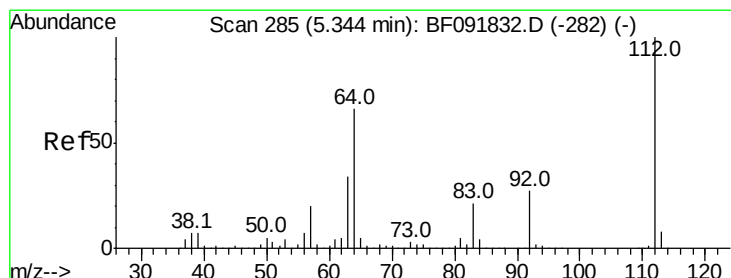
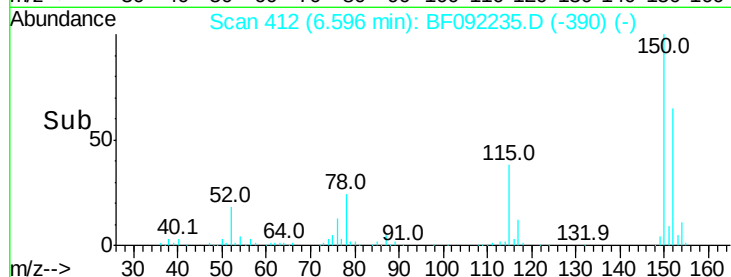
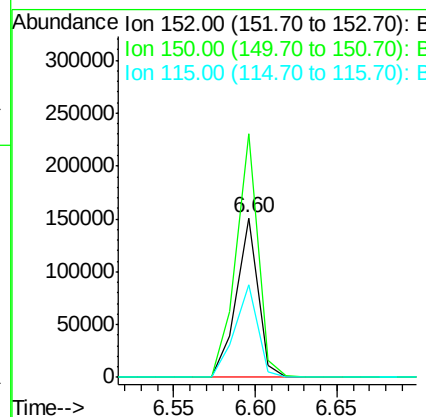
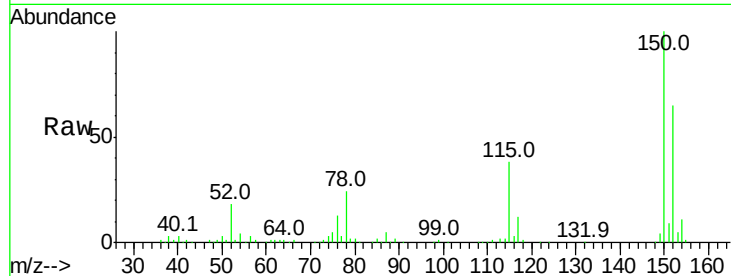
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 412
Delta R.T. -0.05 min
Lab File: BF092235.D
Acq: 13 Jan 2017 5:15

Instrument :
BNA_F
ClientSampleId :
SW-004

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	124.9	187.3
115	58.1	46.0	69.0

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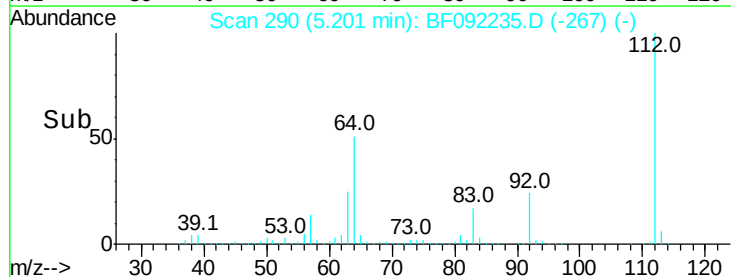
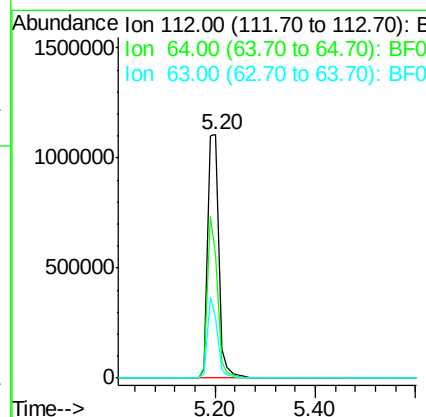
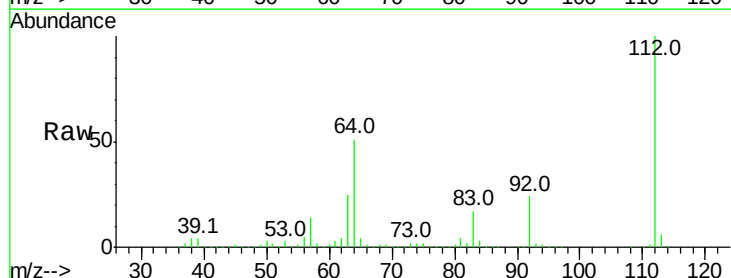
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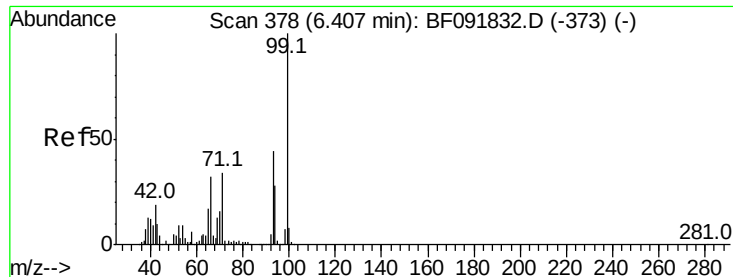


#5

2-Fluorophenol
Concen: 206.38 ng
RT: 5.20 min Scan# 290
Delta R.T. -0.03 min
Lab File: BF092235.D
Acq: 13 Jan 2017 5:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.7	46.1	69.1
63	24.9	23.8	35.6





#7

Phenol-d6

Concen: 181.01 ng

RT: 6.26 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF092235.D

Acq: 13 Jan 2017 5:15

Instrument :

BNA_F

ClientSampleId :

SW-004

Tot Ion: 99 Resp: 1835562

Ion Ratio Lower Upper

99 100

42 19.3 15.6 23.4

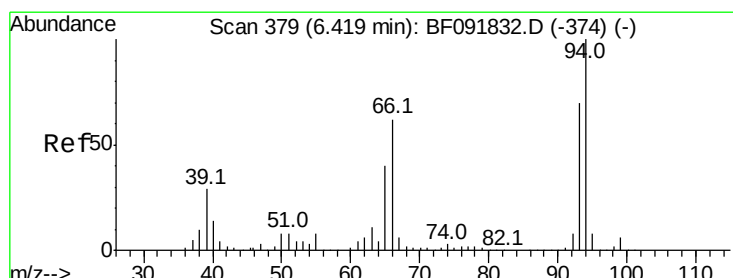
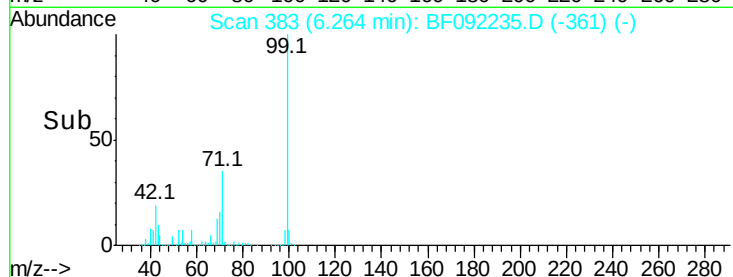
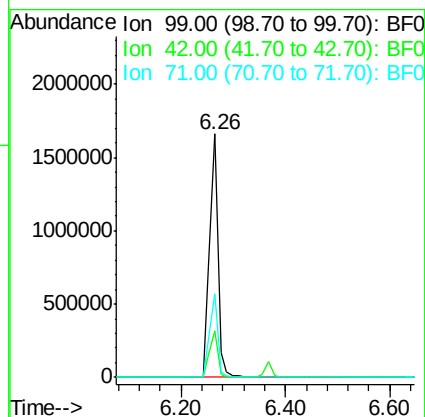
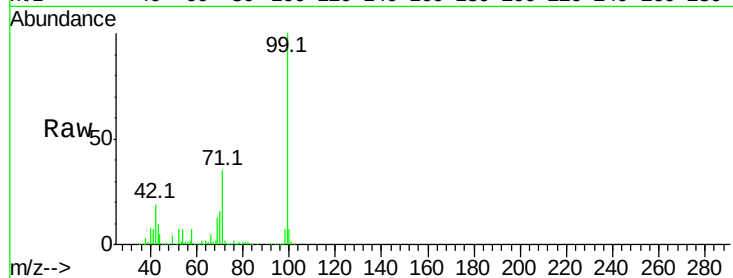
71 34.5 27.5 41.3

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#10

Phenol

Concen: 3.19 ng

RT: 6.28 min Scan# 384

Delta R.T. -0.05 min

Lab File: BF092235.D

Acq: 13 Jan 2017 5:15

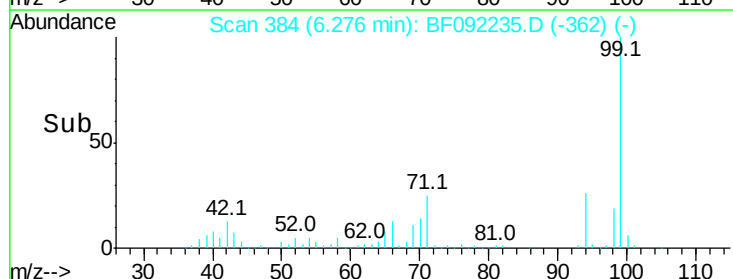
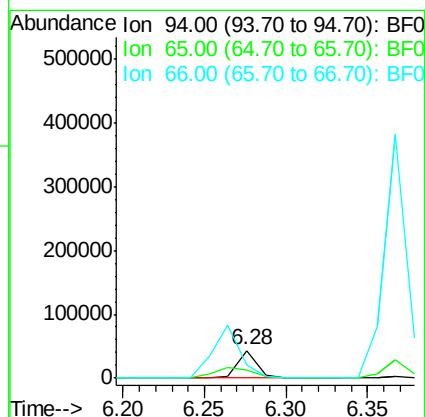
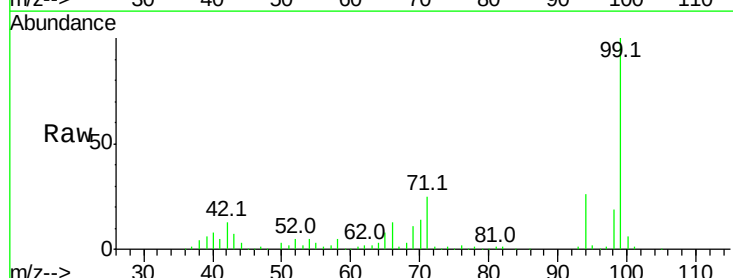
Tgt Ion: 94 Resp: 36817

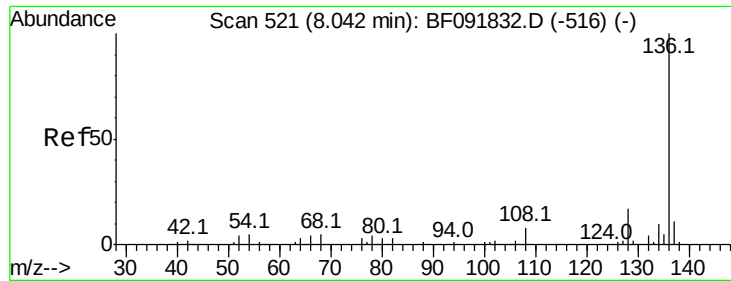
Ion Ratio Lower Upper

94 100

65 29.8 21.4 61.4

66 48.8 44.0 84.0





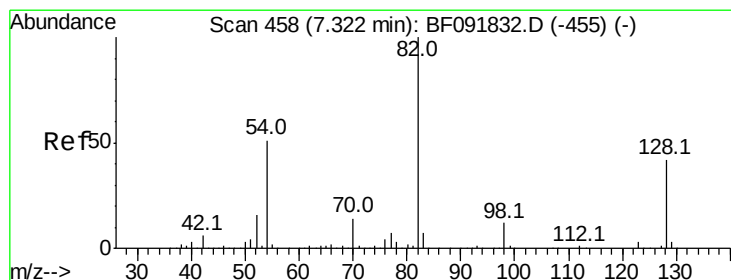
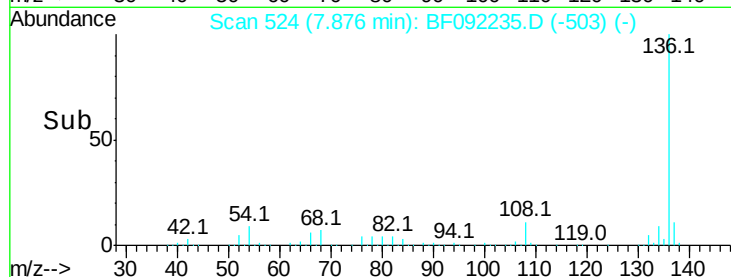
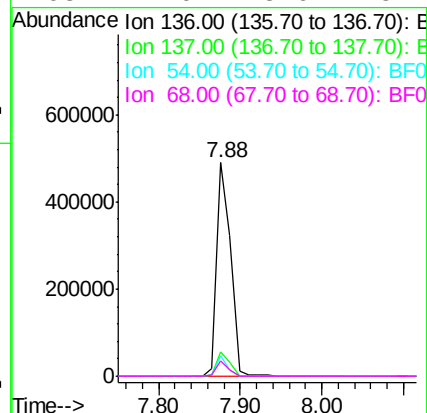
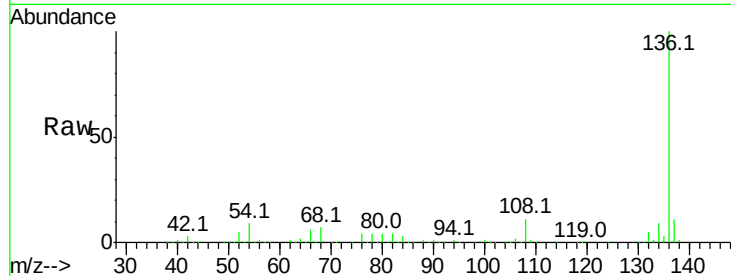
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 524
Delta R.T. -0.06 min
Lab File: BF092235.D
Acq: 13 Jan 2017 5:15

Instrument :
BNA_F
ClientSampleId :
SW-004

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.2	8.4	12.6
54	9.4	4.5	6.7#
68	7.0	3.6	5.4#

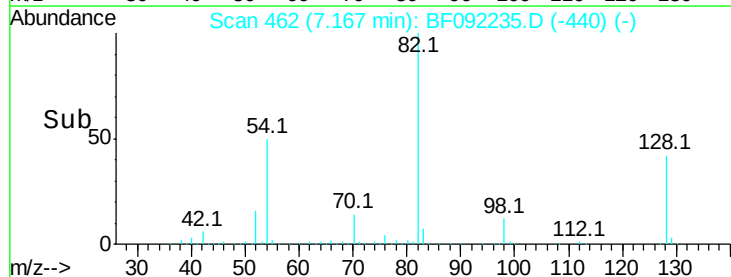
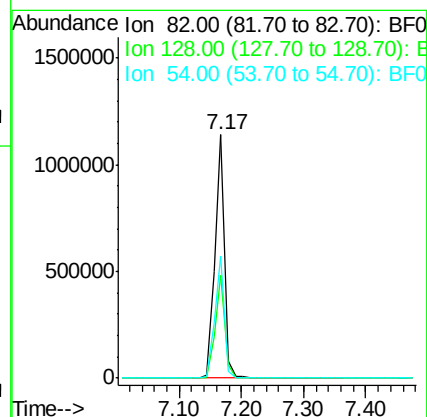
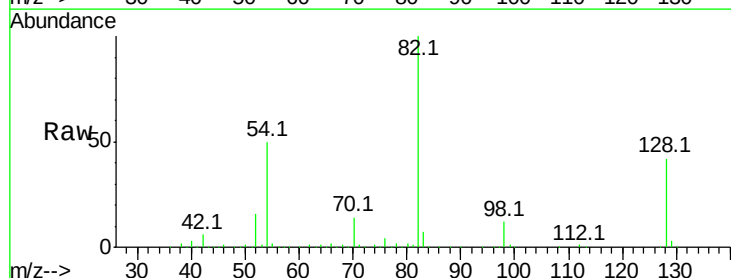
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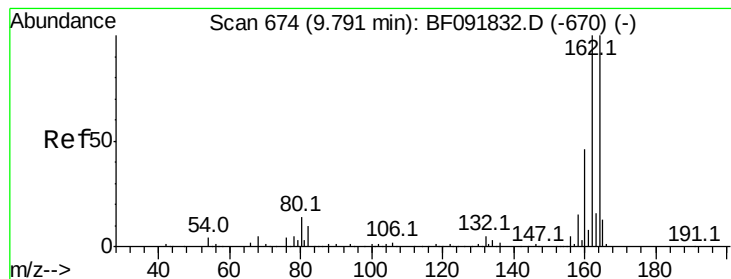
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#23
Nitrobenzene-d5
Concen: 115.08 ng
RT: 7.17 min Scan# 462
Delta R.T. -0.05 min
Lab File: BF092235.D
Acq: 13 Jan 2017 5:15

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	42.0	34.6	52.0
54	50.0	39.5	59.3





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.62 min Scan# 677

Delta R.T. -0.06 min

Lab File: BF092235.D

Acq: 13 Jan 2017 5:15

Instrument :

BNA_F

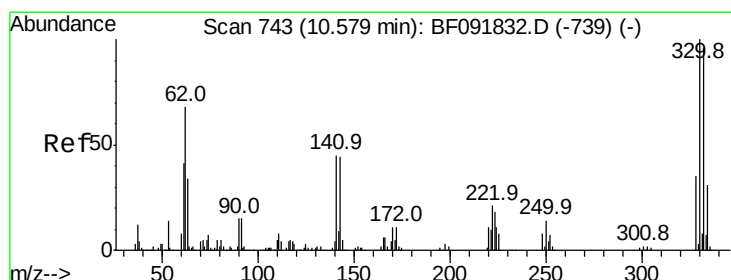
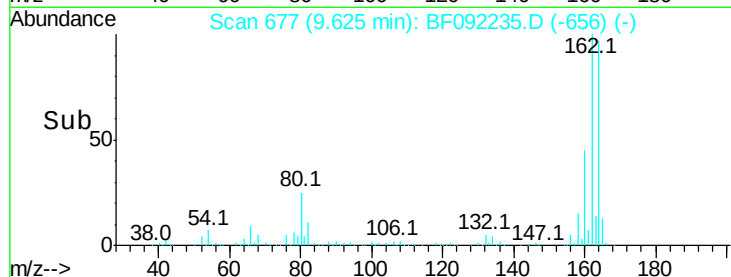
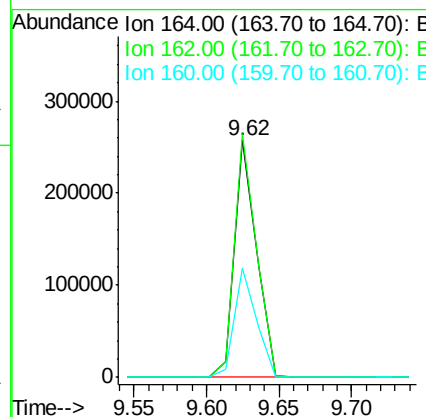
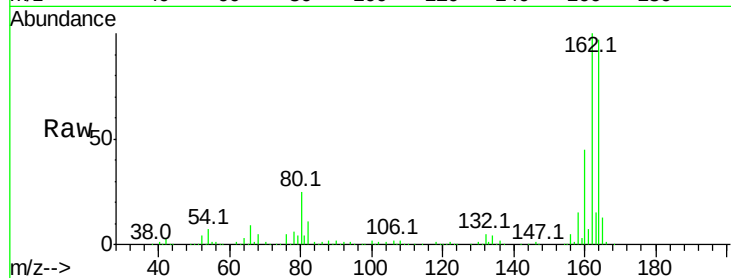
ClientSampleId :

SW-004

Tot Ion	Ratio	Resp	Lower	Upper
164	100	270659		
162	102.8		80.2	120.2
160	45.9		36.9	55.3

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#41

2,4,6-Tribromophenol

Concen: 154.47 ng

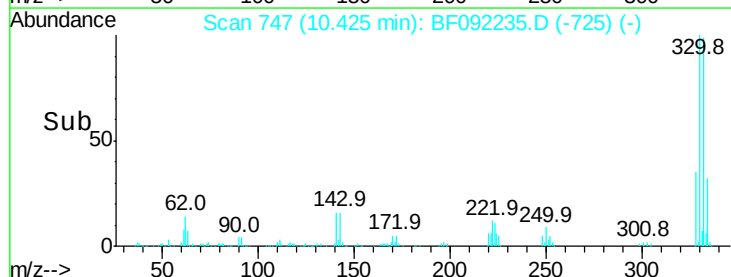
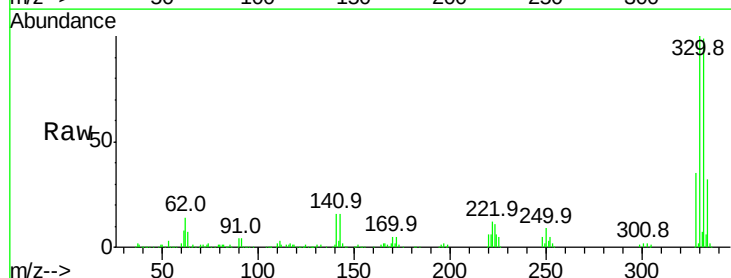
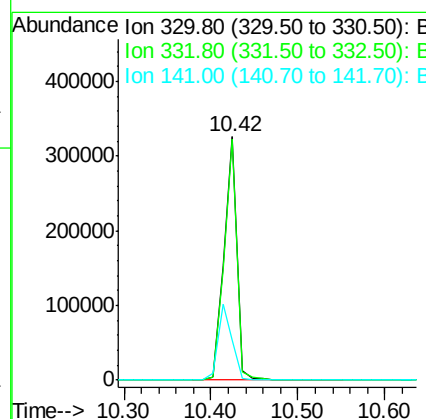
RT: 10.42 min Scan# 747

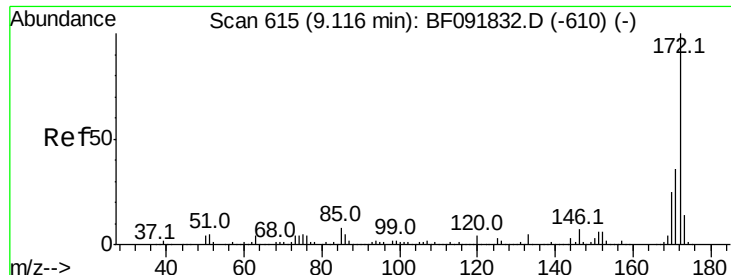
Delta R.T. -0.05 min

Lab File: BF092235.D

Acq: 13 Jan 2017 5:15

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	346005		
332	98.3		77.4	116.2
141	33.4		34.1	51.1#





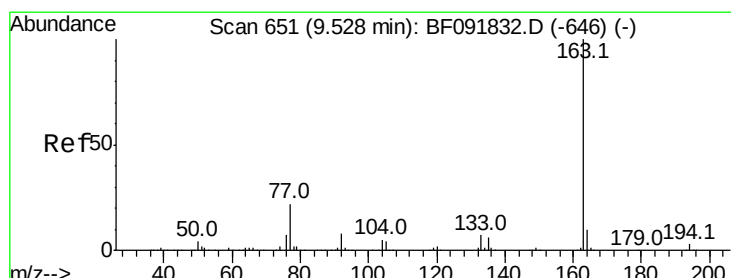
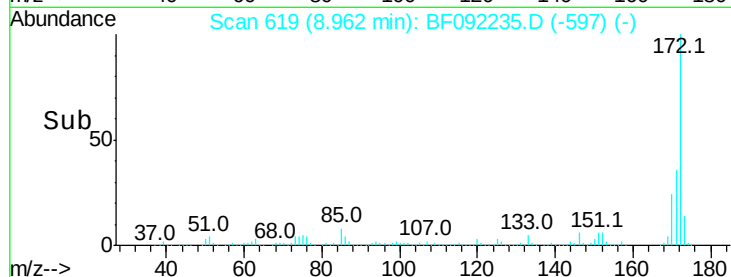
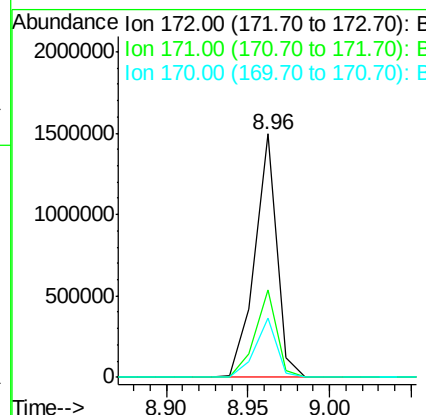
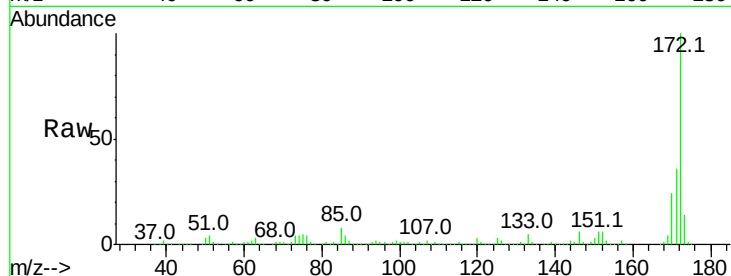
#44
2-Fluorobiphenyl
Concen: 110.07 ng
RT: 8.96 min Scan# 619
Delta R.T. -0.05 min
Lab File: BF092235.D
Acq: 13 Jan 2017 5:15

Instrument :
BNA_F
ClientSampleId :
SW-004

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.0
170	24.3	20.2	30.4

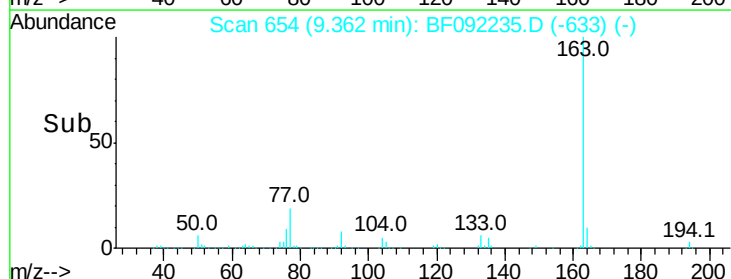
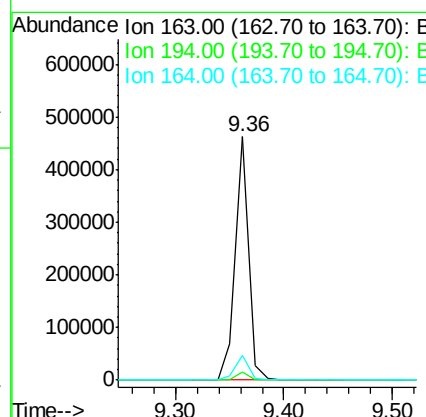
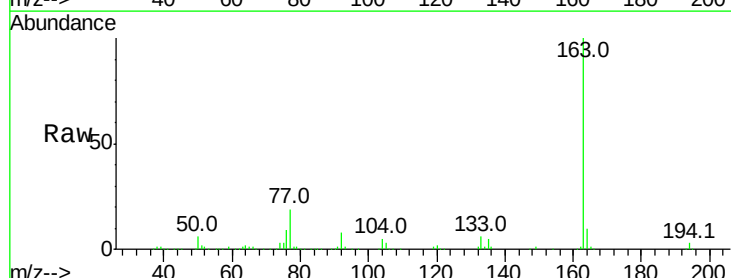
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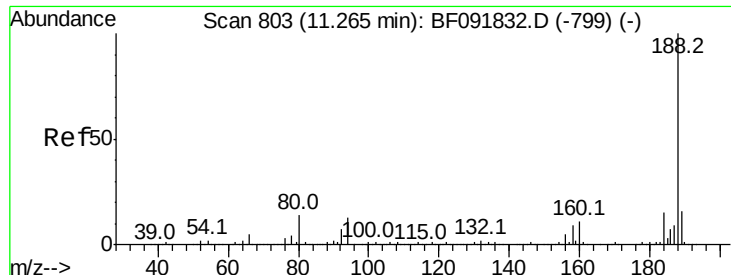
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#49
Dimethylphthalate
Concen: 22.41 ng
RT: 9.36 min Scan# 654
Delta R.T. -0.06 min
Lab File: BF092235.D
Acq: 13 Jan 2017 5:15

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.0	4.4
164	10.1	8.0	12.0





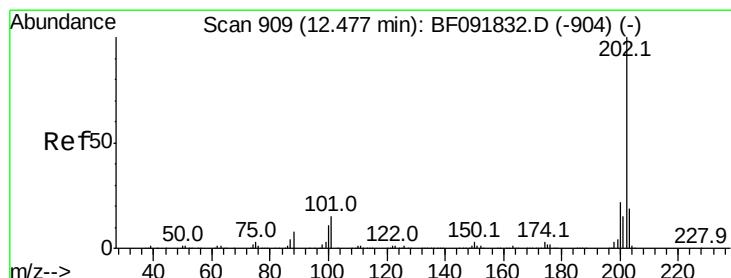
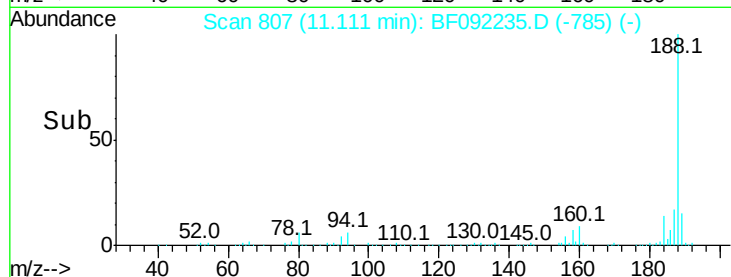
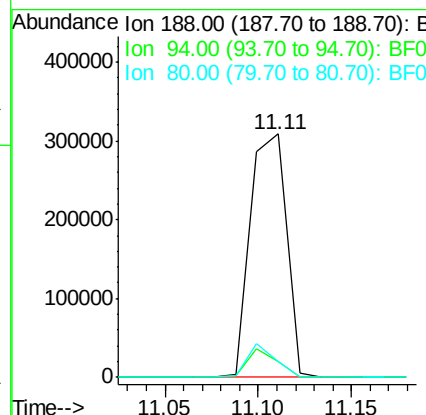
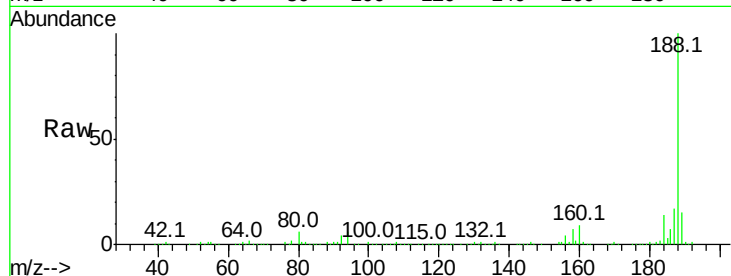
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 807
Delta R.T. -0.05 min
Lab File: BF092235.D
Acq: 13 Jan 2017 5:15

Instrument :
BNA_F
ClientSampleId :
SW-004

Tot Ion	Ratio	Resp	Lower	Upper
188	100	415993		
94	6.4	10.0	15.0#	
80	6.2	11.2	16.8#	

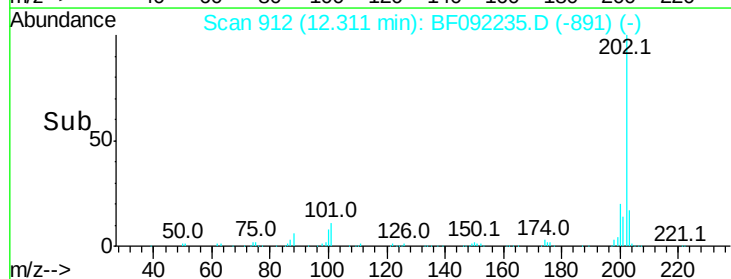
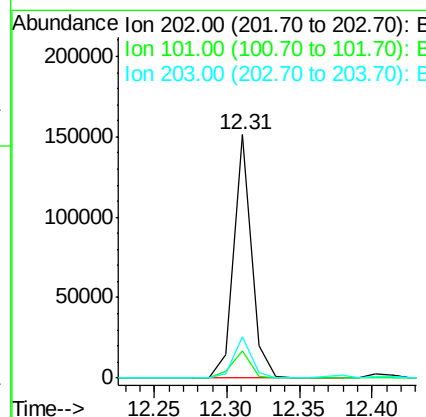
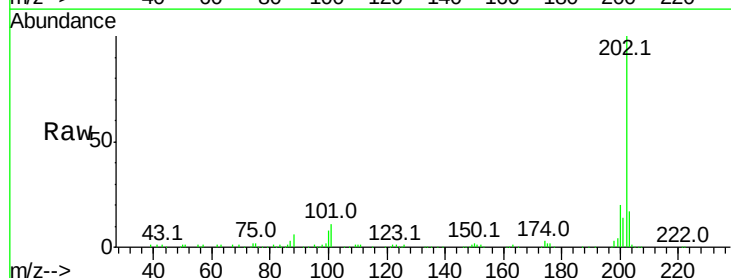
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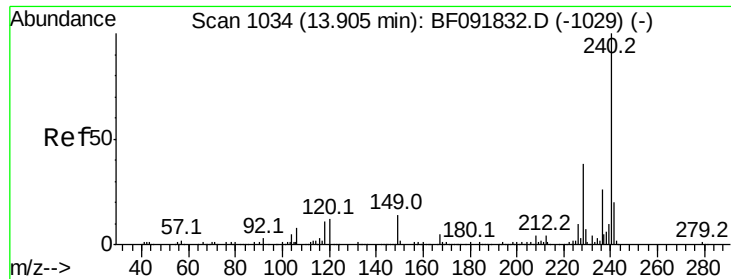
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#74
Fluoranthene
Concen: 2.99 ng
RT: 12.31 min Scan# 912
Delta R.T. -0.06 min
Lab File: BF092235.D
Acq: 13 Jan 2017 5:15

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	129836		
101	11.4	0.0	34.6	
203	16.9	0.0	38.7	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.73 min Scan# 1036

Delta R.T. -0.06 min

Lab File: BF092235.D

Acq: 13 Jan 2017 5:15

Instrument :

BNA_F

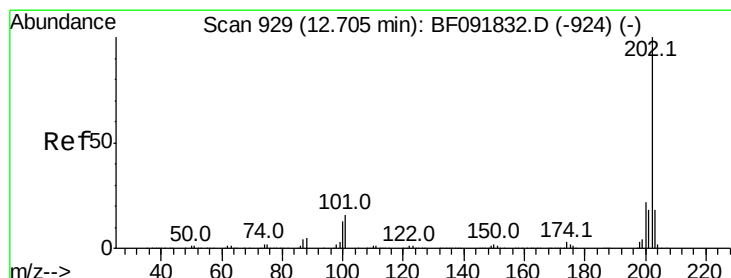
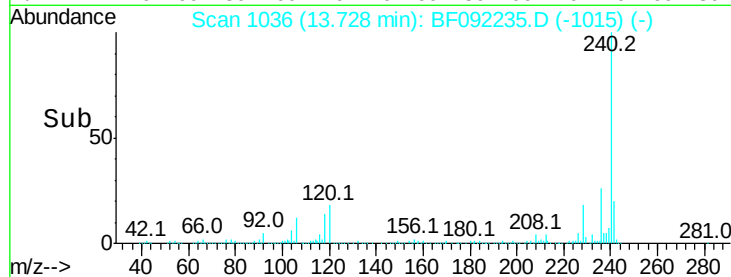
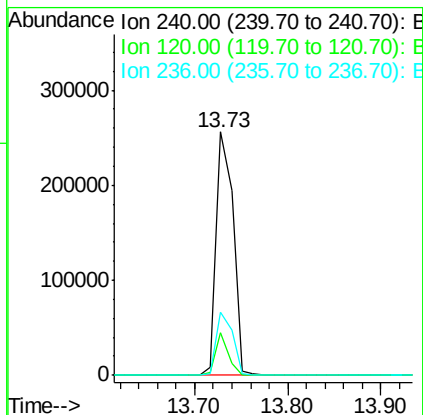
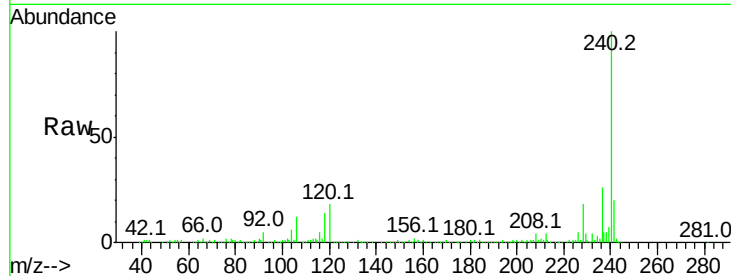
ClientSampleId :

SW-004

Tot Ion:	240	Resp:	321121
Ion Ratio	Lower	Upper	
240	100		
120	17.7	12.9	19.3
236	25.8	20.9	31.3

Manual Integrations
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#77

Pyrene

Concen: 4.62 ng

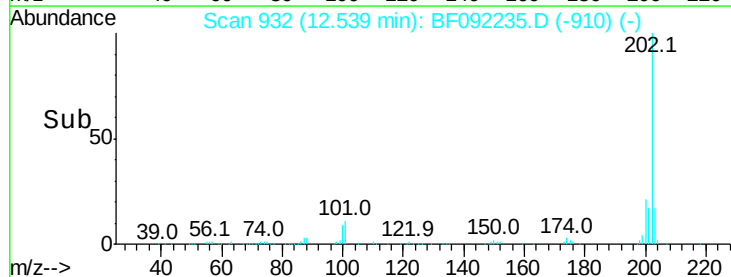
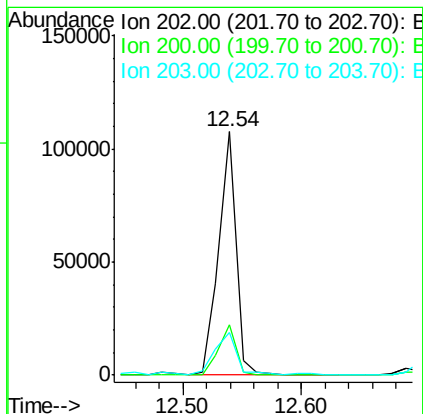
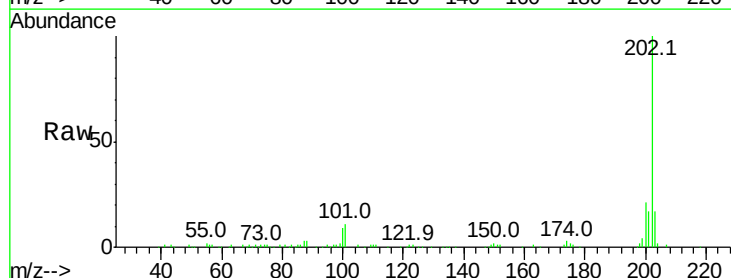
RT: 12.54 min Scan# 932

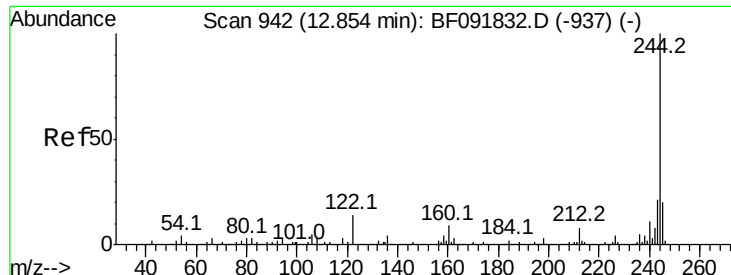
Delta R.T. -0.05 min

Lab File: BF092235.D

Acq: 13 Jan 2017 5:15

Tgt Ion:	202	Resp:	108966
Ion Ratio	Lower	Upper	
202	100		
200	20.5	17.7	26.5
203	17.4	14.7	22.1





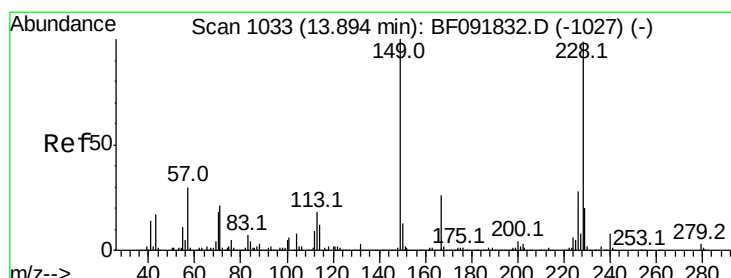
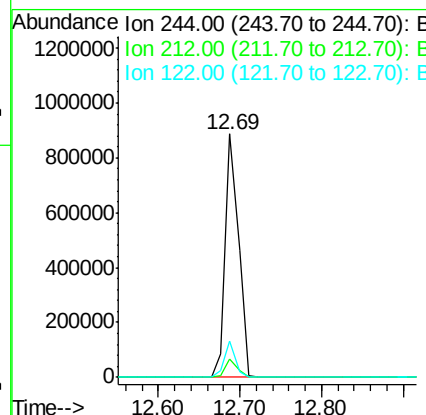
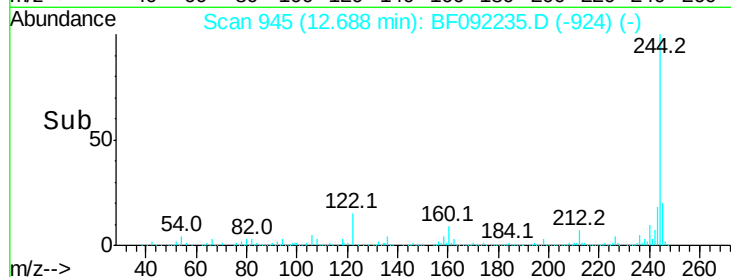
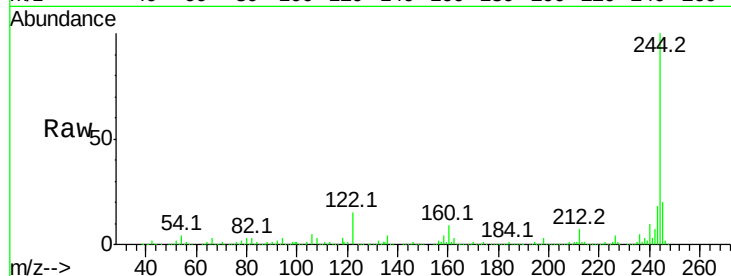
#78
 Terphenyl-d14
 Concen: 74.93 ng
 RT: 12.69 min Scan# 945
 Delta R.T. -0.06 min
 Lab File: BF092235.D
 Acq: 13 Jan 2017 5:15

Instrument :
 BNA_F
 ClientSampled :
 SW-004

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.2	9.2
122	14.8	11.4	17.2

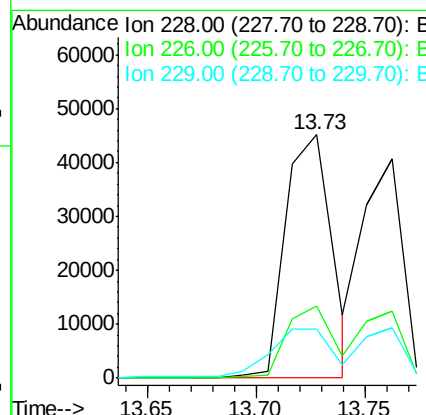
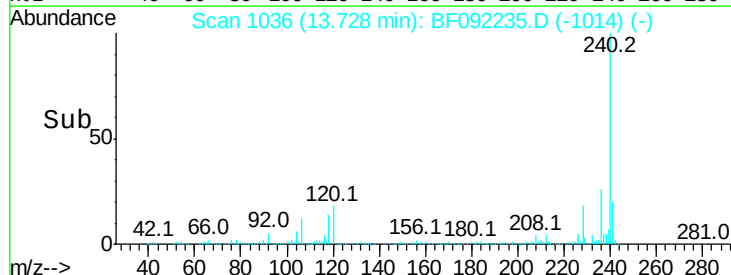
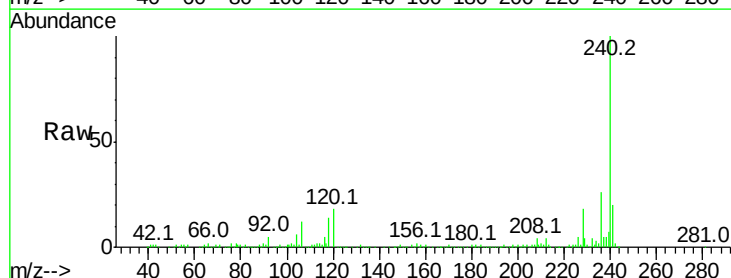
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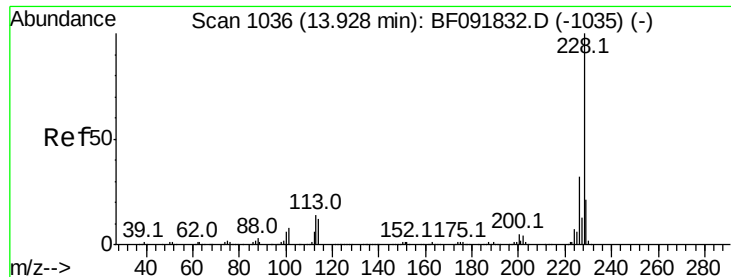
Sohil
 1/13/2017 11:07:19 AM



#80
 Benzo(a)anthracene
 Concen: 3.73 ng
 RT: 13.73 min Scan# 1036
 Delta R.T. -0.05 min
 Lab File: BF092235.D
 Acq: 13 Jan 2017 5:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.4	33.6
229	20.4	16.2	24.4





#82

Chrysene

Concen: 2.88 ng/mL

RT: 13.76 min Scan# 1039

Delta R.T. -0.05 min

Lab File: BF092235.D

Acq: 13 Jan 2017 5:15

Instrument :

BNA_F

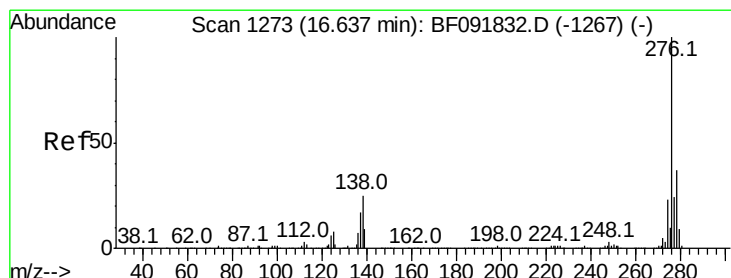
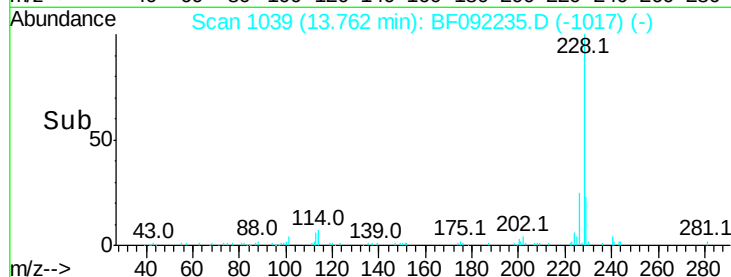
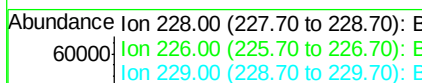
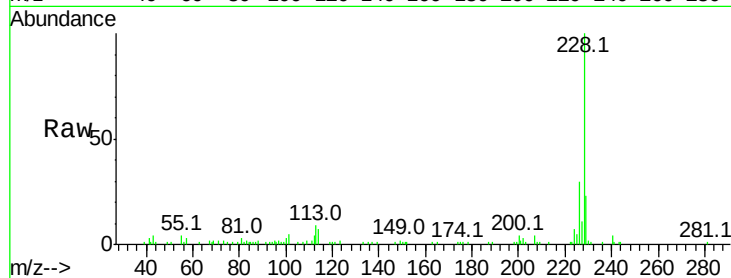
ClientSampled :

SW-004

Tot Ion:	228	Resp:	52388
Ion Ratio	Lower	Upper	
228	100		
226	30.4	25.4	38.0
229	22.9	16.2	24.2

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#85

Indeno(1,2,3-cd)pyrene

Concen: 2.22 ng/mL

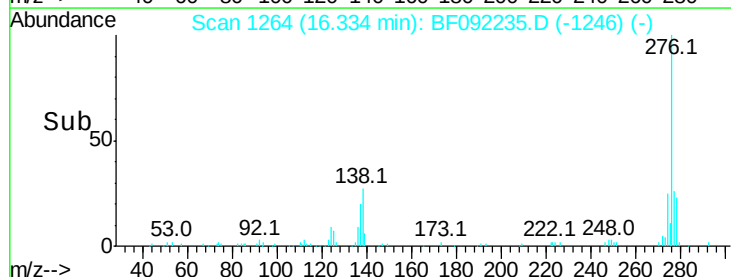
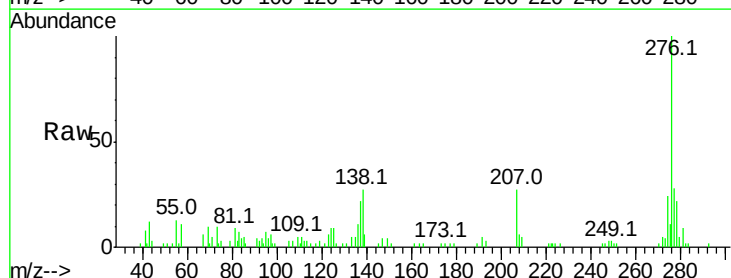
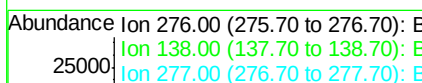
RT: 16.33 min Scan# 1264

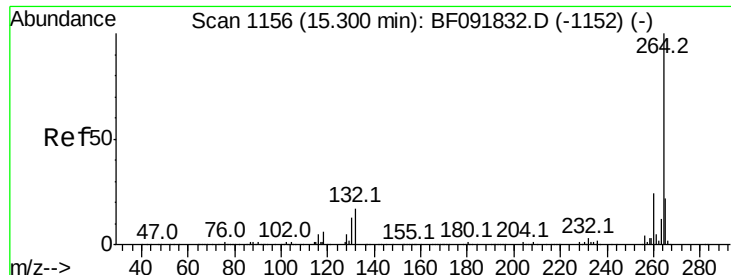
Delta R.T. -0.09 min

Lab File: BF092235.D

Acq: 13 Jan 2017 5:15

Tgt Ion:	276	Resp:	34949
Ion Ratio	Lower	Upper	
276	100		
138	31.5	21.8	32.6
277	33.6	20.2	30.4#





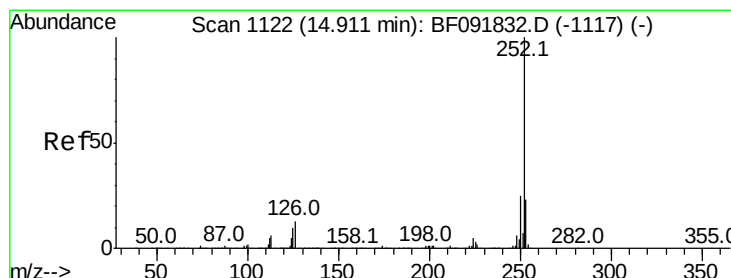
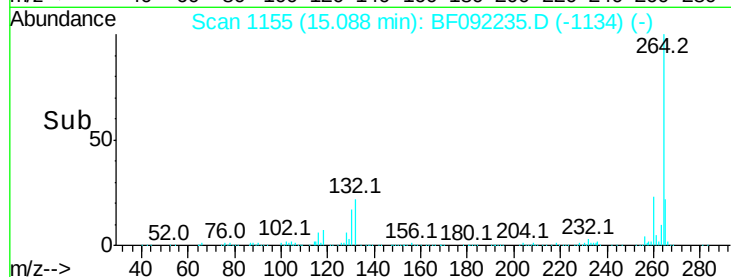
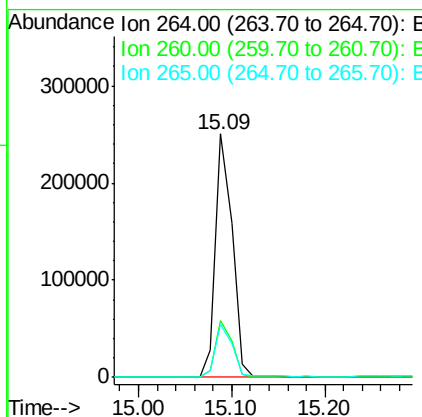
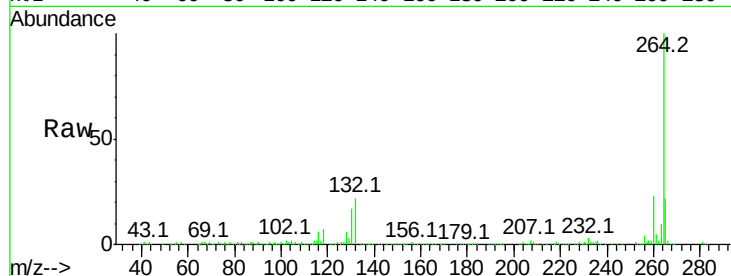
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.09 min Scan# 1155
Delta R.T. -0.06 min
Lab File: BF092235.D
Acq: 13 Jan 2017 5:15

Instrument :
BNA_F
ClientSampleId :
SW-004

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.7	17.4	26.0

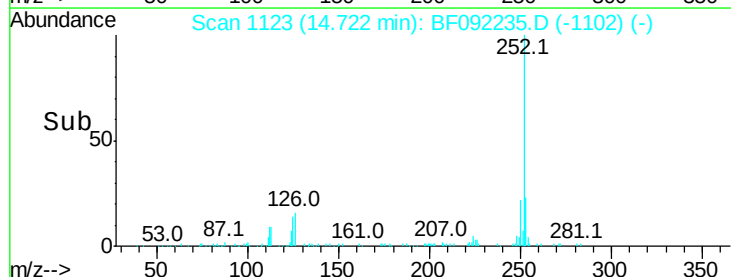
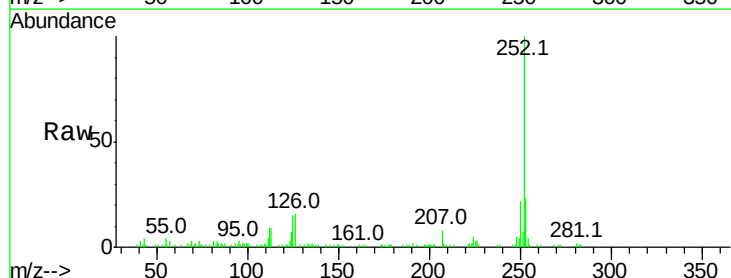
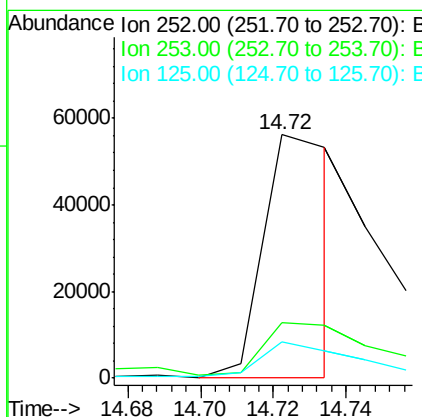
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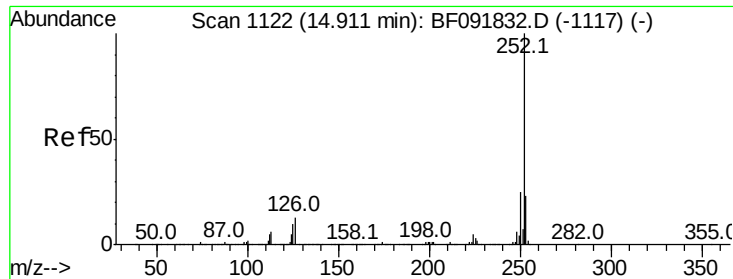
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#87
Benzo(b)fluoranthene
Concen: 3.94 ng m
RT: 14.72 min Scan# 1123
Delta R.T. -0.06 min
Lab File: BF092235.D
Acq: 13 Jan 2017 5:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.4
125	14.7	9.8	14.6#





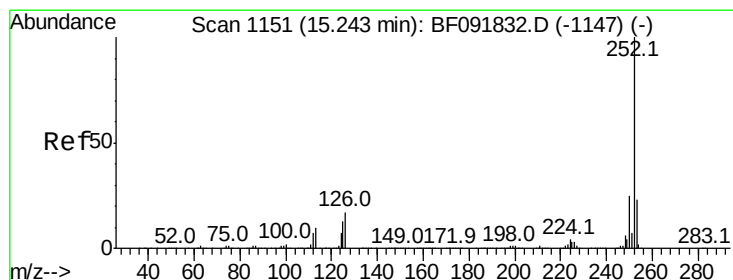
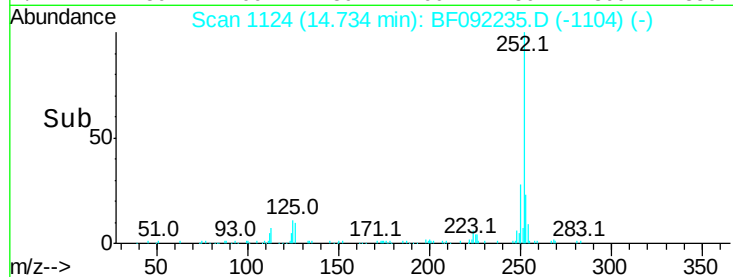
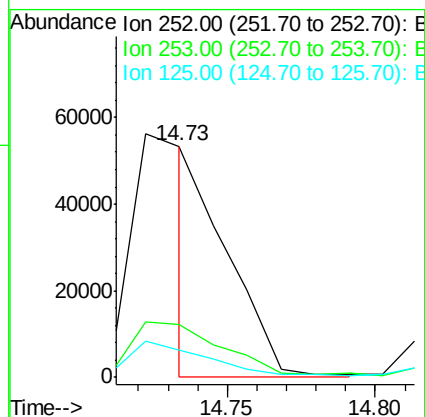
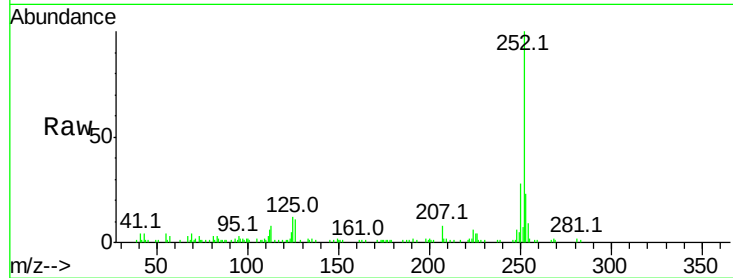
#88
Benzo(k)fluoranthene
Concen: 2.39 ng
RT: 14.73 min Scan# 1124
Delta R.T. -0.07 min
Lab File: BF092235.D
Acq: 13 Jan 2017 5:15

Instrument :
BNA_F
ClientSampled :
SW-004

Tot Ion	Ratio	Resp	Lower	Upper
252	100	40069		
253	23.0		18.5	27.7
125	11.9		8.9	13.3

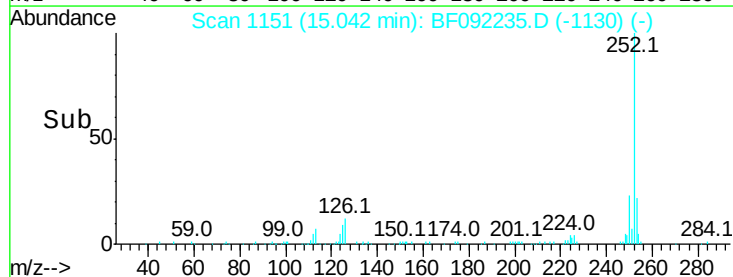
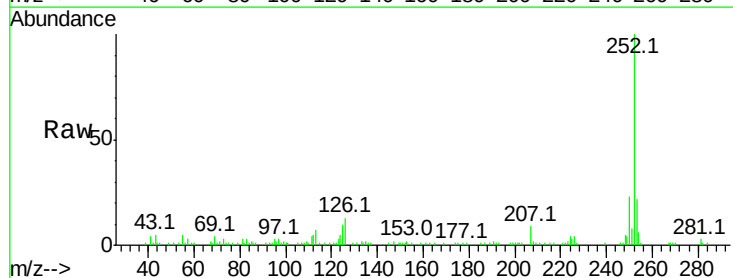
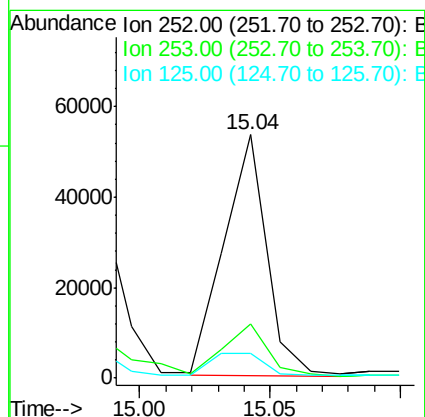
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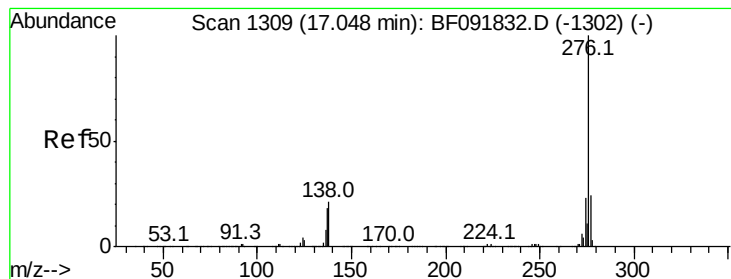
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#89
Benzo(a)pyrene
Concen: 3.52 ng
RT: 15.04 min Scan# 1151
Delta R.T. -0.06 min
Lab File: BF092235.D
Acq: 13 Jan 2017 5:15

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	61265		
253	22.3		18.2	27.2
125	10.2		10.0	15.0





#91
 Benzo(a,h,i)perylene
 Concen: 2.46 ng
 RT: 16.71 min Scan# 1297
 Delta R.T. -0.09 min
 Lab File: BF092235.D
 Acq: 13 Jan 2017 5:15

Instrument :
 BNA_F
 ClientSampleId :
 SW-004

Tot Ion:	276	Resp:	36651
Ion Ratio	Lower	Upper	
276	100		
277	24.5	19.2	28.8
138	22.6	16.0	24.0

Manual Integrations
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