

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
 Data File : BF091412.D
 Acq On : 3 Dec 2016 1:52
 Operator : UM/SJ
 Sample : H5825-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S12016SF-S-4

Manual Integrations
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Quant Time: Dec 03 03:05:23 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 13:33:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	161303	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	612721	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	348443	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	486546	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	407523	20.00	ng	-0.03
86) Perylene-d12	15.44	264	313495	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1013491	102.64	ng	0.00
7) Phenol-d6	6.49	99	1320897	108.67	ng	0.00
23) Nitrobenzene-d5	7.42	82	804214	73.56	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	325286	98.61	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	1473292	76.56	ng	-0.02
78) Terphenyl-d14	12.97	244	1190030	63.47	ng	-0.02
Target Compounds						Qvalue
10) Phenol	6.50	94	113443	7.93	ng	87
49) Dimethylphthalate	9.61	163	162395	7.70	ng	98
70) Phenanthrene	11.41	178	147511	5.83	ng	97
74) Fluoranthene	12.59	202	245844	10.27	ng	97
77) Pyrene	12.81	202	236076	7.63	ng	98
80) Benzo(a)anthracene	14.00	228	139727	5.86	ng	100
82) Chrysene	14.04	228	91279	3.87	ng	96
85) Indeno(1,2,3-cd)pyrene	16.84	276	45303	2.10	ng	# 90
87) Benzo(b)fluoranthene	15.03	252	138713m	7.12	ng	
89) Benzo(a)pyrene	15.39	252	87067m	4.98	ng	
91) Benzo(g,h,i)perylene	17.26	276	44685	2.68	ng	99

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

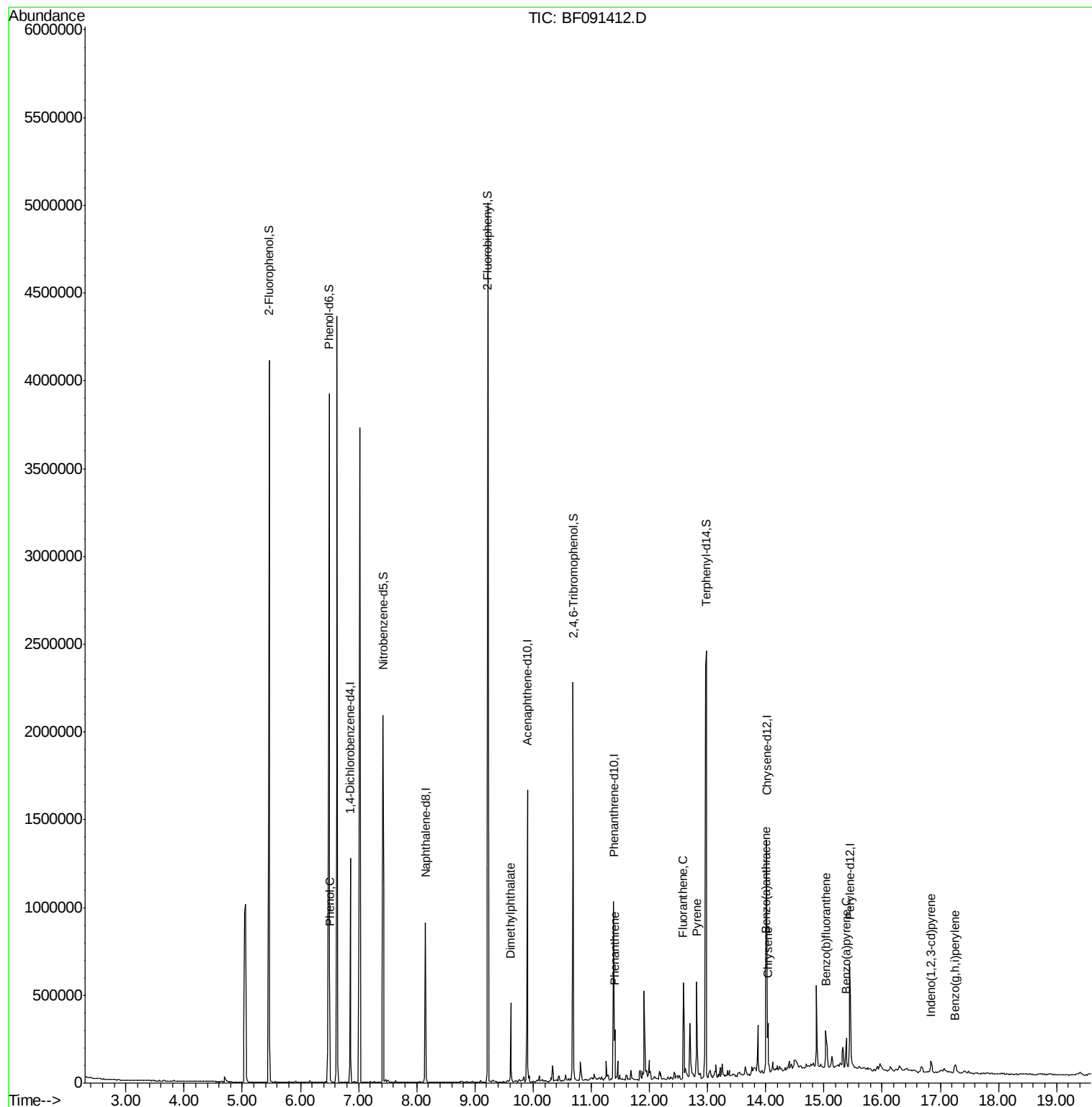
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
Data File : BF091412.D
Acq On : 3 Dec 2016 1:52
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Sample : H5825-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

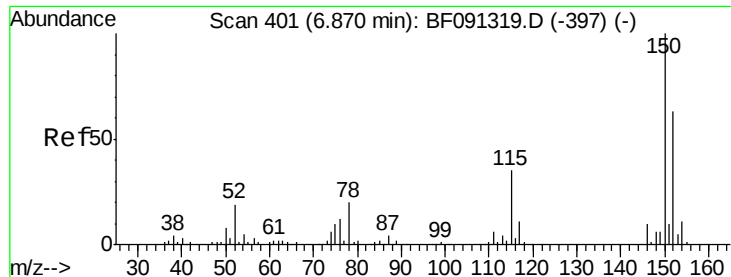
Instrument :
BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF091412.D

Acq: 3 Dec 2016 1:52

Instrument :

BNA_F

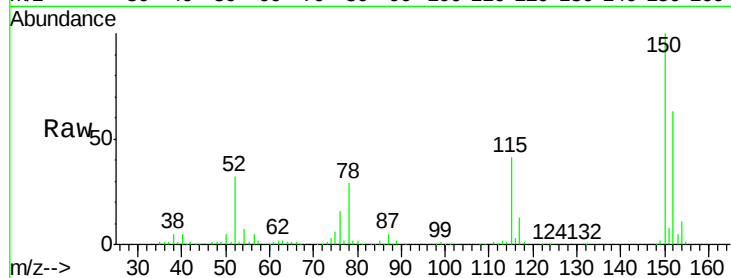
ClientSampleId :

S12016SF-S-4

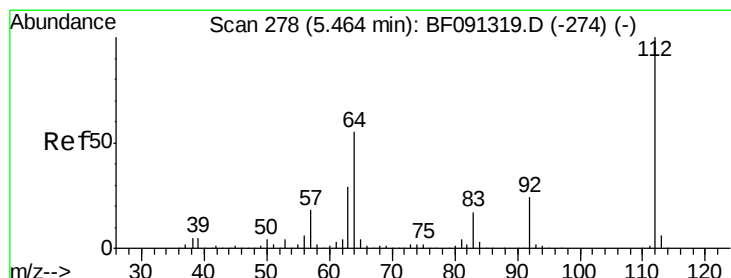
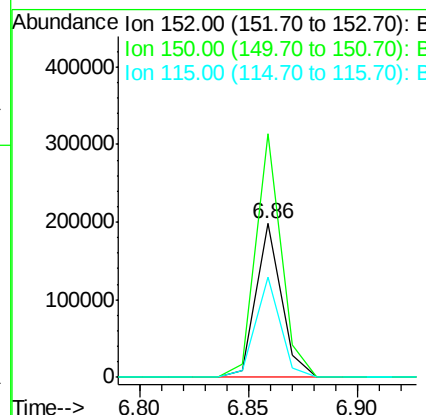
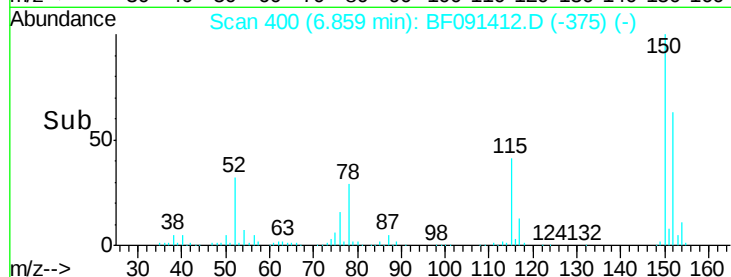
Tgt Ion:	152	Resp:	161303
Ion Ratio	Lower	Upper	
152	100		
150	158.7	122.5	183.7
115	65.5	51.8	77.8

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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: 102.64 ng

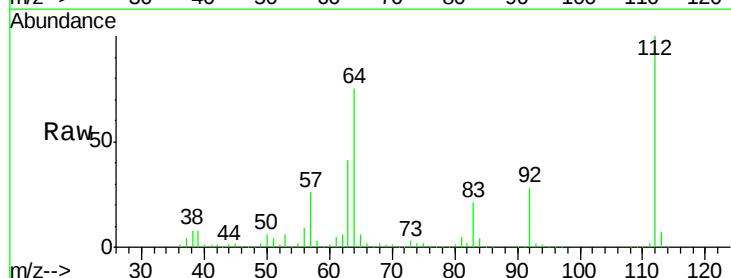
RT: 5.46 min Scan# 278

Delta R.T. -0.00 min

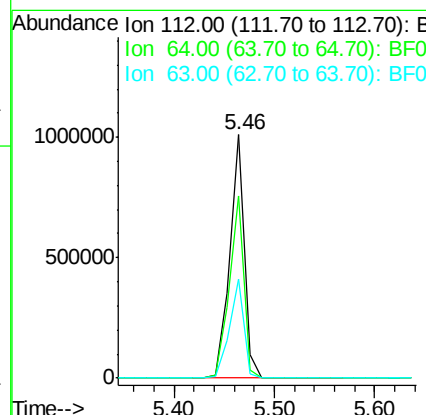
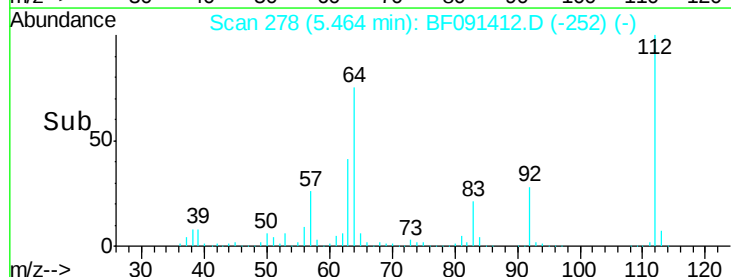
Lab File: BF091412.D

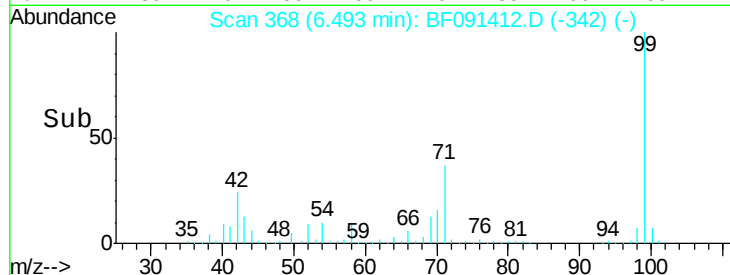
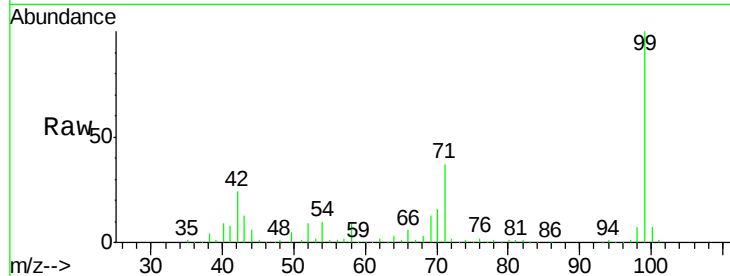
Acq: 3 Dec 2016 1:52

Tgt Ion:	112	Resp:	1013491
Ion Ratio	Lower	Upper	
112	100		
64	74.8	61.5	92.3
63	40.7	33.3	49.9



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: 108.67 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.01 min

Lab File: BF091412.D

Acq: 3 Dec 2016 1:52

Tgt Ion:	99	Resp:	1320897
Ion	Ratio	Lower	Upper
99	100		
42	23.8	20.6	31.0
71	37.0	29.9	44.9

Instrument :

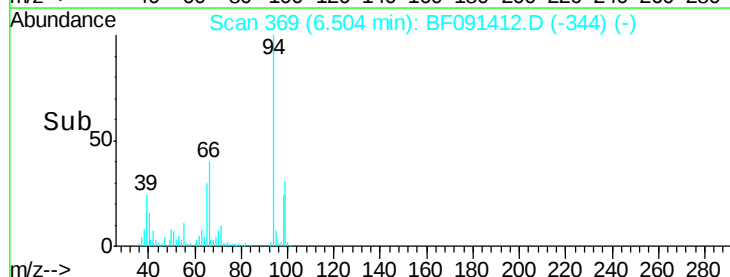
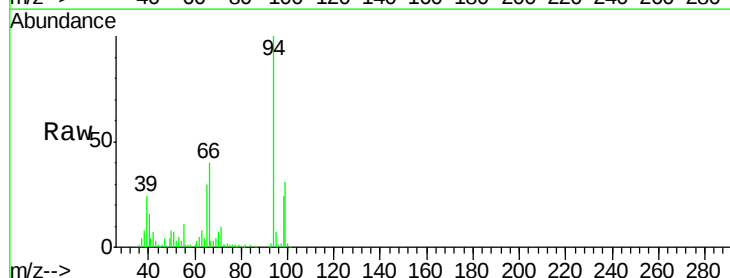
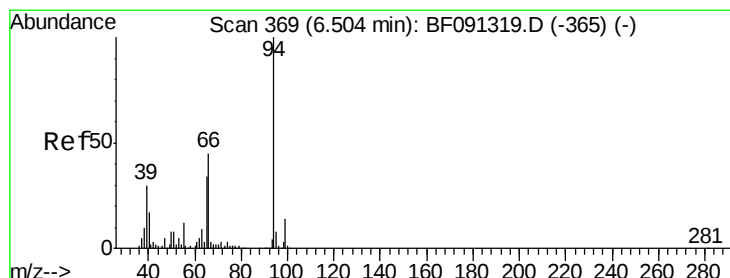
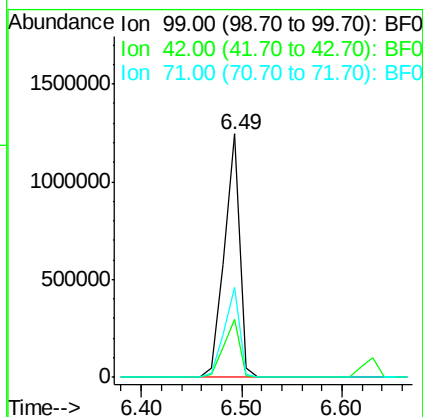
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#10

Phenol

Concen: 7.93 ng

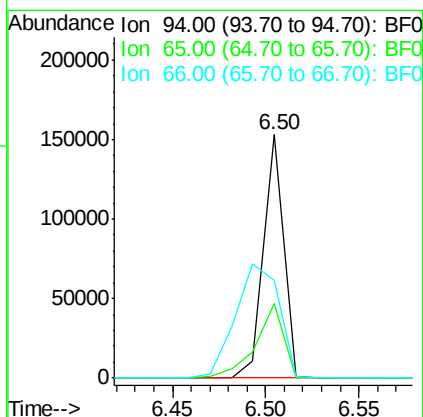
RT: 6.50 min Scan# 369

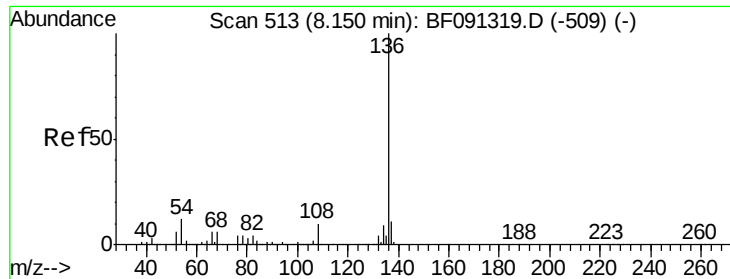
Delta R.T. -0.02 min

Lab File: BF091412.D

Acq: 3 Dec 2016 1:52

Tgt Ion:	94	Resp:	113443
Ion	Ratio	Lower	Upper
94	100		
65	30.5	16.9	56.9
66	40.0	30.6	70.6





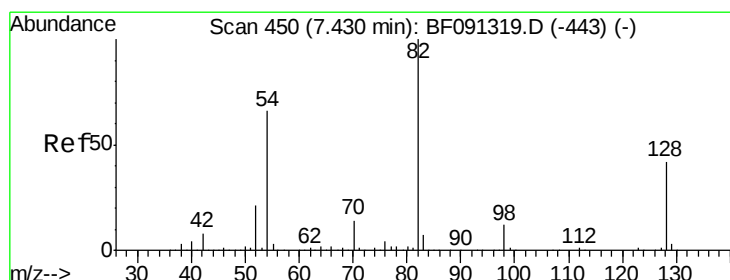
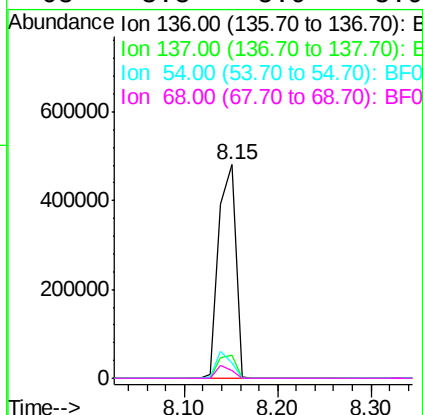
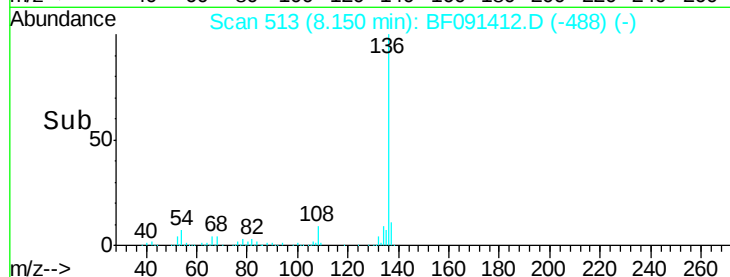
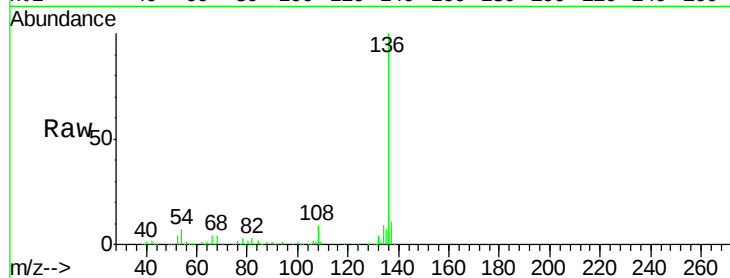
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF091412.D
Acq: 3 Dec 2016 1:52

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	10.6	9.1	13.7
54	7.2	9.1	13.7#
68	3.8	5.9	8.9#

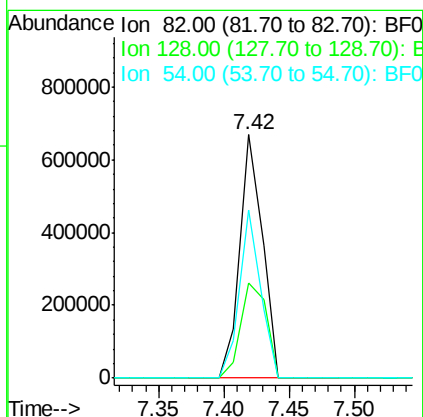
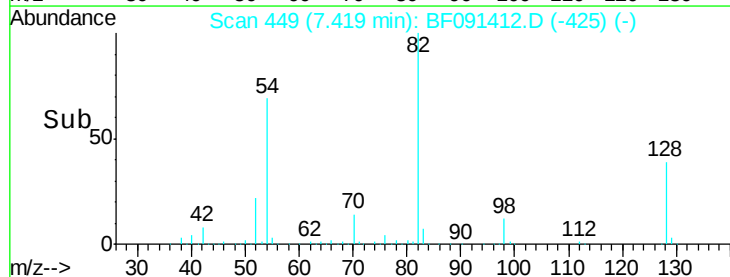
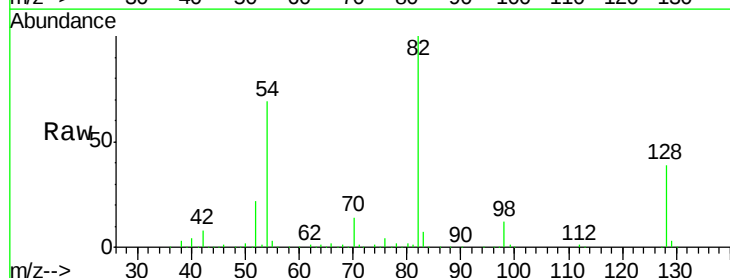
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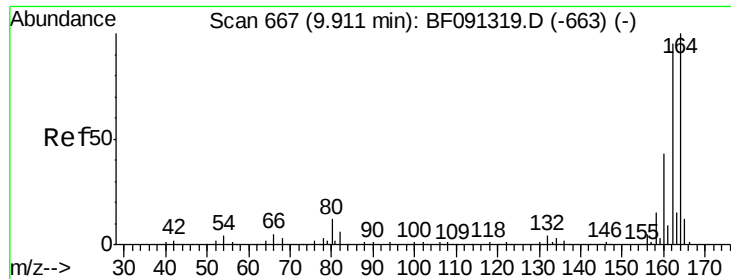
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#23
Nitrobenzene-d5
Concen: 73.56 ng
RT: 7.42 min Scan# 449
Delta R.T. -0.03 min
Lab File: BF091412.D
Acq: 3 Dec 2016 1:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	38.8	31.8	47.6
54	69.1	49.1	73.7





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 666

Delta R.T. -0.02 min

Lab File: BF091412.D

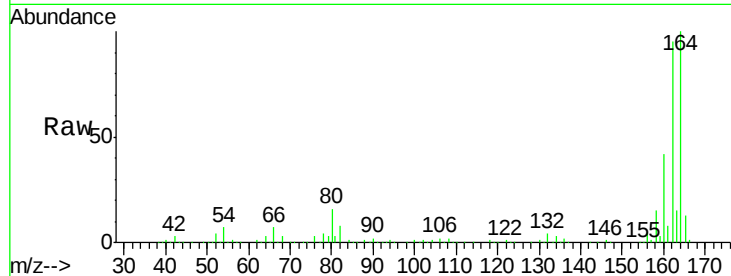
Acq: 3 Dec 2016 1:52

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:164 Resp: 348443

Ion Ratio Lower Upper

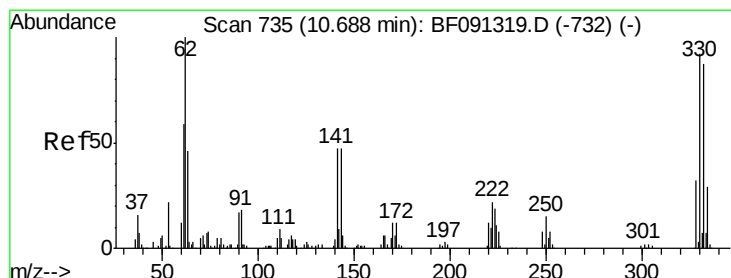
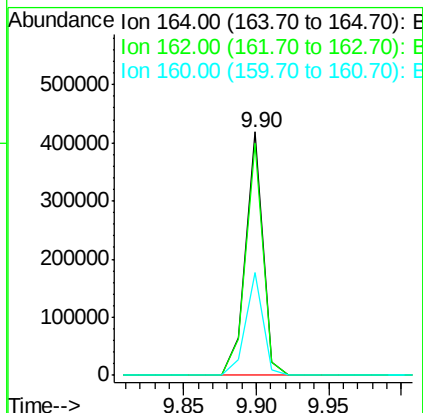
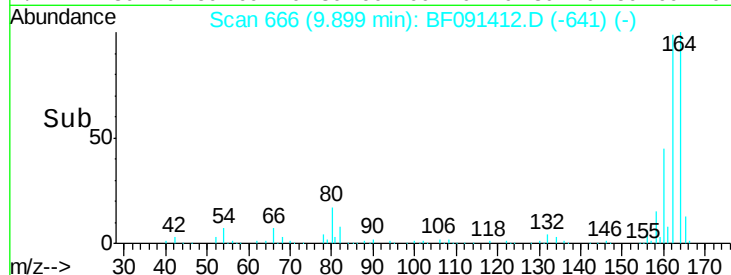
164 100

162 95.2 82.6 124.0

160 42.5 36.7 55.1

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#41

2,4,6-Tribromophenol

Concen: 98.61 ng

RT: 10.69 min Scan# 735

Delta R.T. -0.02 min

Lab File: BF091412.D

Acq: 3 Dec 2016 1:52

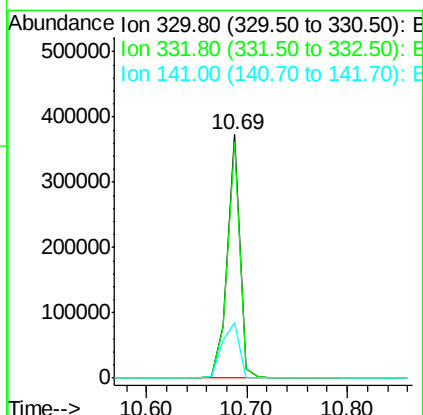
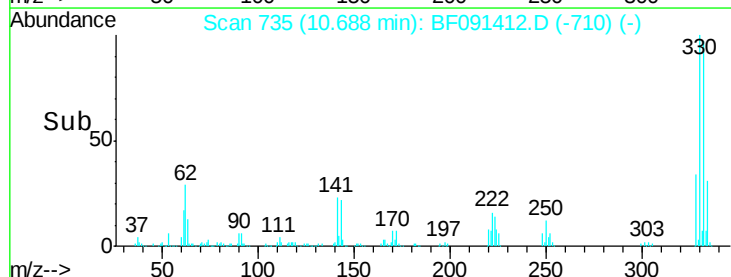
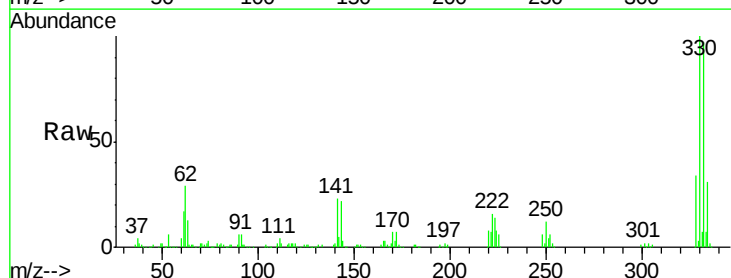
Tgt Ion:330 Resp: 325286

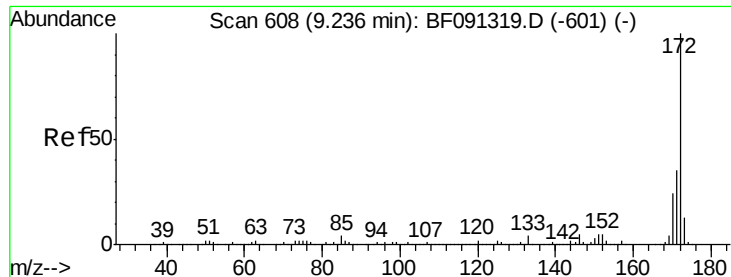
Ion Ratio Lower Upper

330 100

332 97.0 76.2 114.4

141 31.1 33.6 50.4#





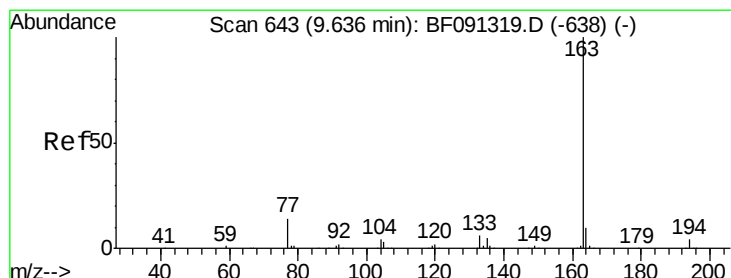
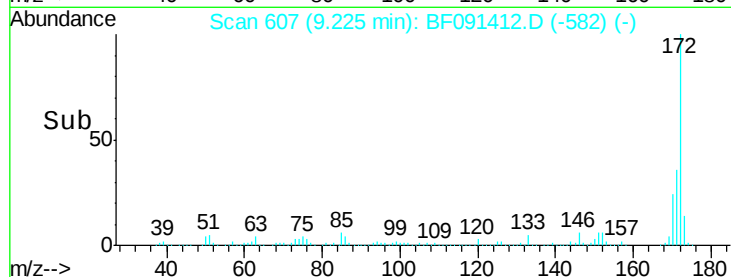
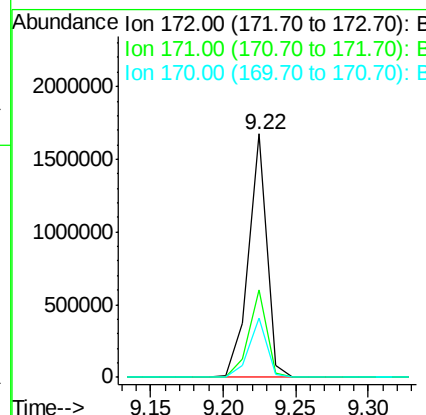
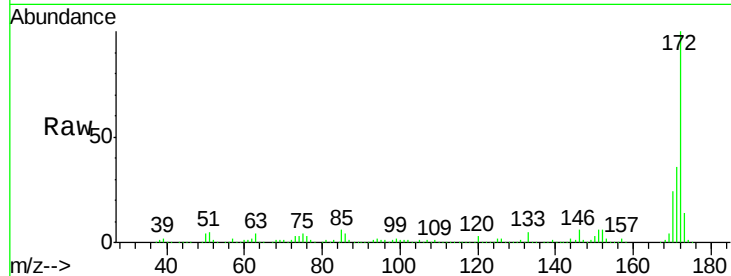
#44
2-Fluorobiphenyl
Concen: 76.56 ng
RT: 9.22 min Scan# 607
Delta R.T. -0.02 min
Lab File: BF091412.D
Acq: 3 Dec 2016 1:52

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.0
170	24.2	19.7	29.5

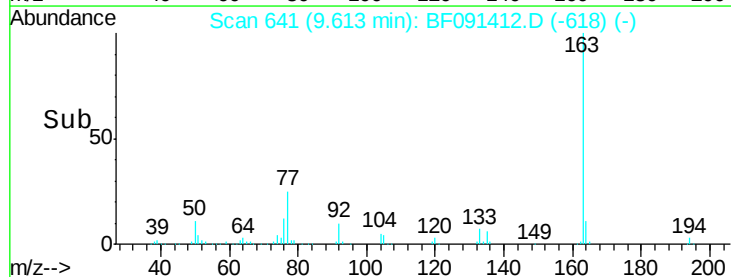
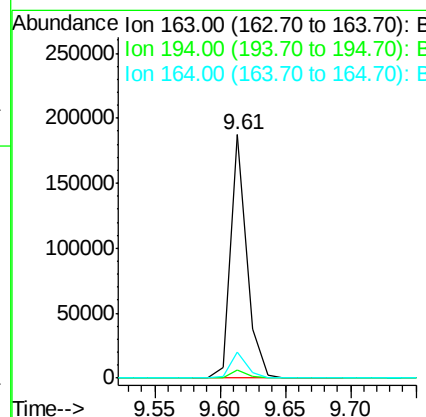
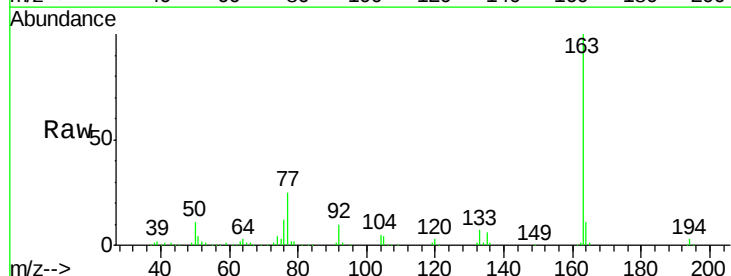
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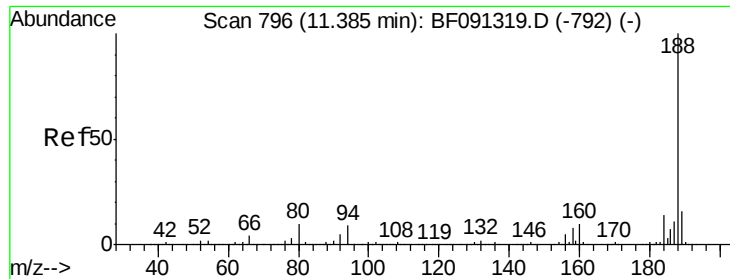
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#49
Dimethylphthalate
Concen: 7.70 ng
RT: 9.61 min Scan# 641
Delta R.T. -0.04 min
Lab File: BF091412.D
Acq: 3 Dec 2016 1:52

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.0	4.4
164	10.5	7.8	11.8





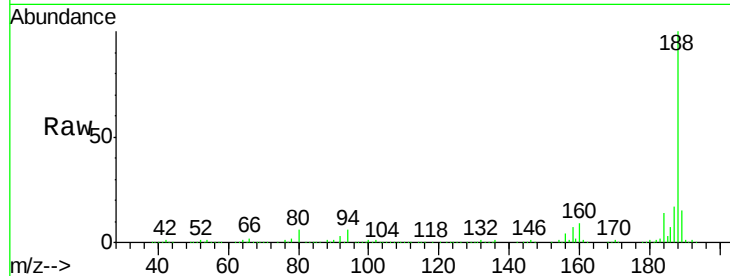
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF091412.D
Acq: 3 Dec 2016 1:52

Instrument :
BNA_F
ClientSampleId :
S12016SF-S-4

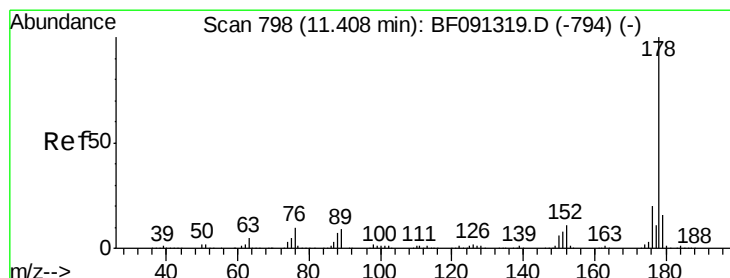
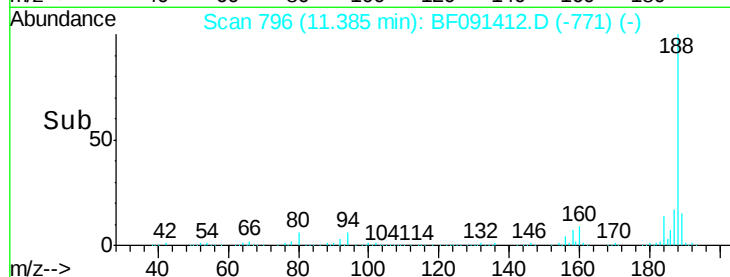
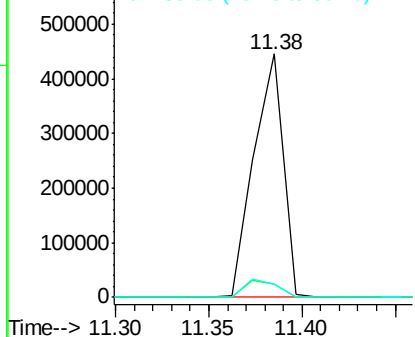
Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	5.6	9.2	13.8#
80	5.6	10.5	15.7#

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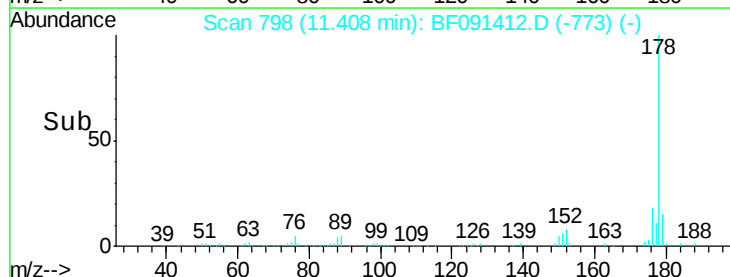
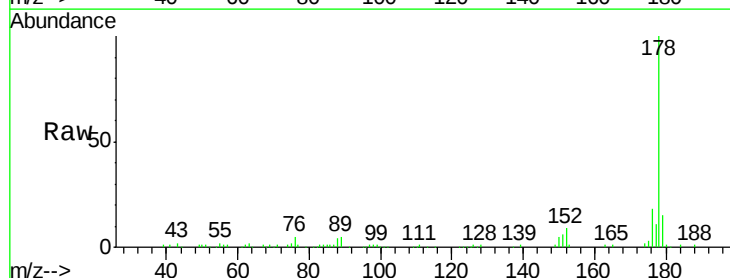
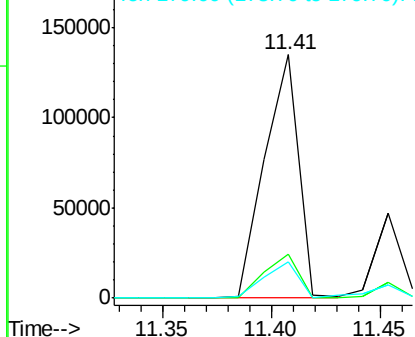
Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

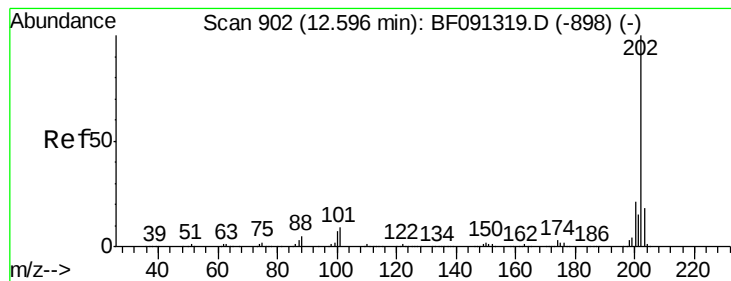


#70
Phenanthrene
Concen: 5.83 ng
RT: 11.41 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF091412.D
Acq: 3 Dec 2016 1:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	18.0	15.9	23.9
179	14.9	12.6	18.8

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





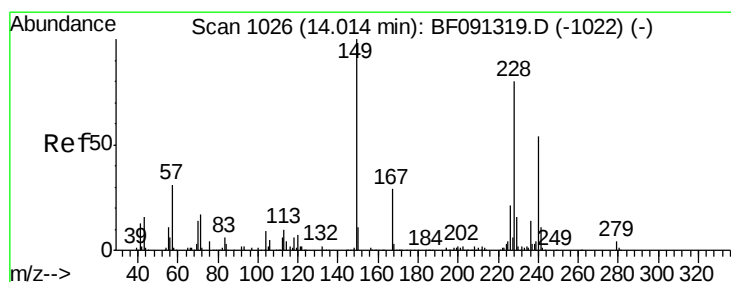
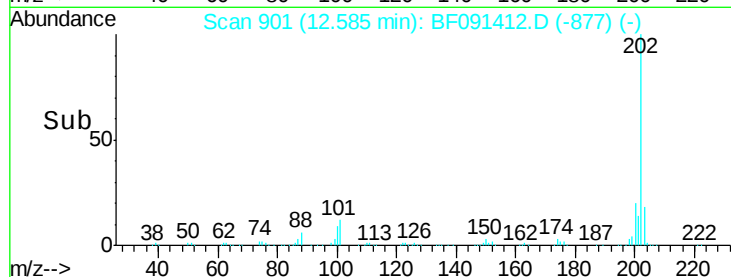
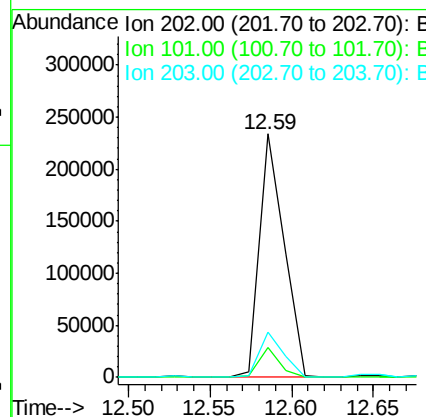
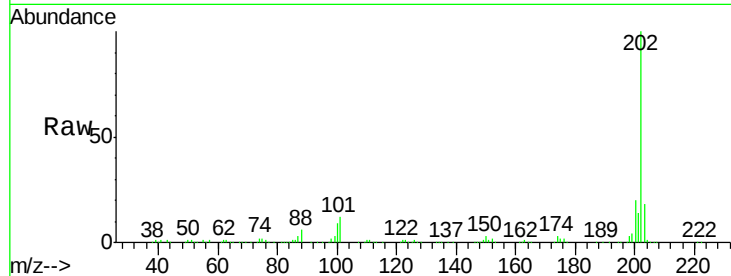
#74
Fluoranthene
Concen: 10.27 ng
RT: 12.59 min Scan# 901
Delta R.T. -0.03 min
Lab File: BF091412.D
Acq: 3 Dec 2016 1:52

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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.1	0.0	29.5
203	18.5	0.0	37.8

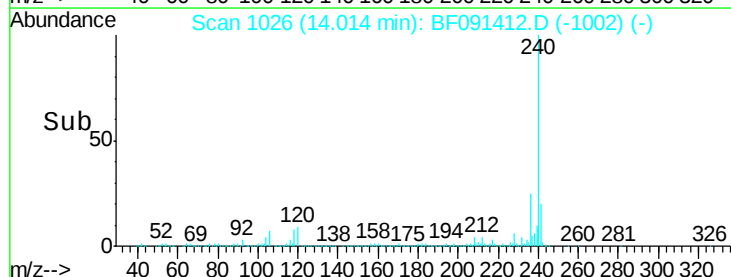
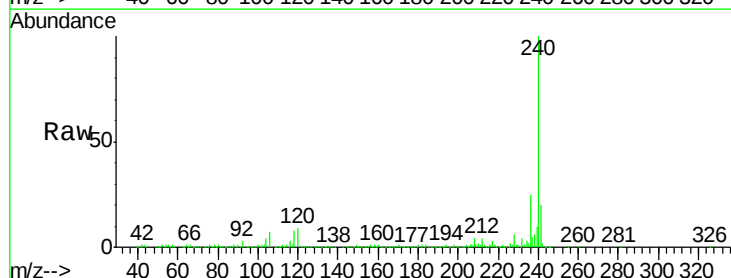
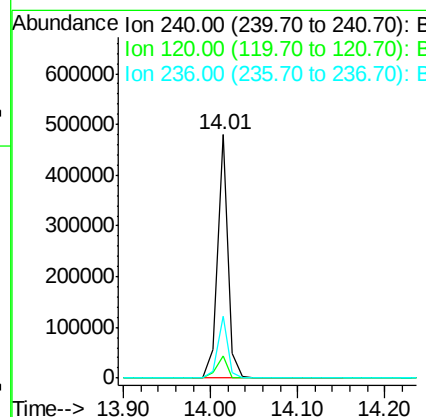
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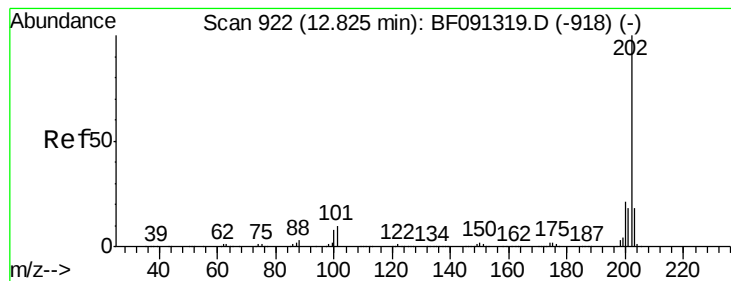
sohil
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1026
Delta R.T. -0.03 min
Lab File: BF091412.D
Acq: 3 Dec 2016 1:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	9.3	12.1	18.1#
236	25.2	21.0	31.6





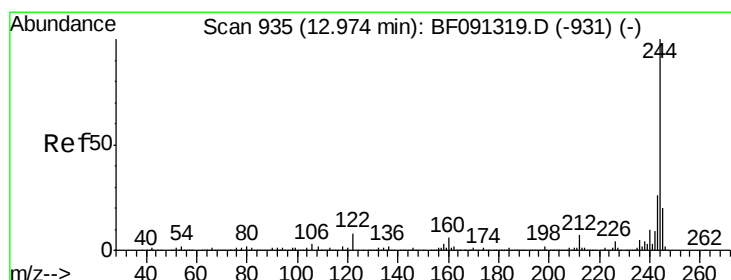
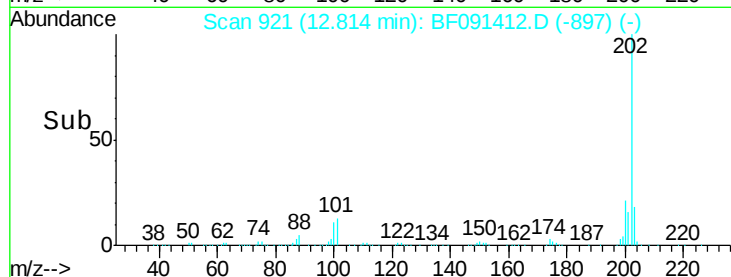
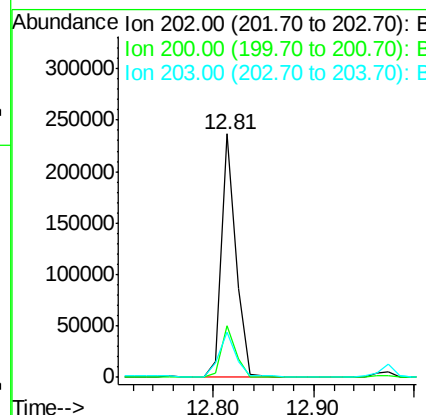
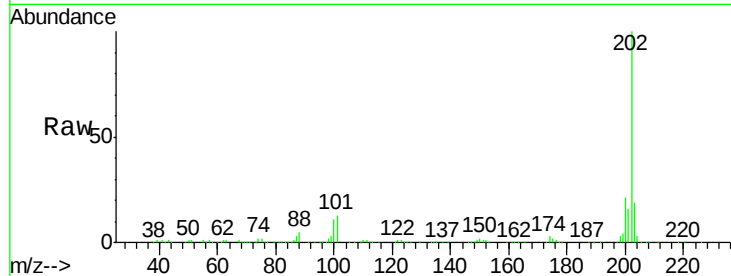
#77
 Pyrene
 Concen: 7.63 ng
 RT: 12.81 min Scan# 921
 Delta R.T. -0.03 min
 Lab File: BF091412.D
 Acq: 3 Dec 2016 1:52

Instrument :
 BNA_F
 ClientSampleId :
 S12016SF-S-4

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.6	26.4
203	18.5	14.0	21.0

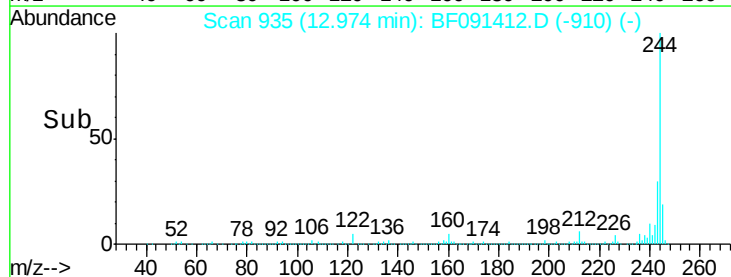
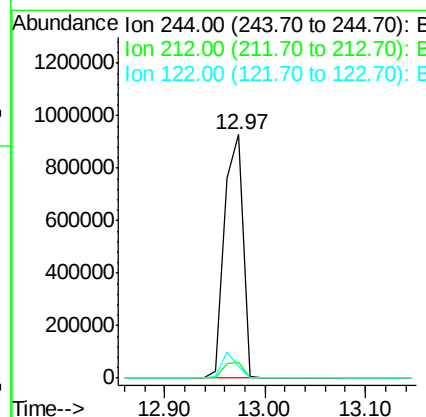
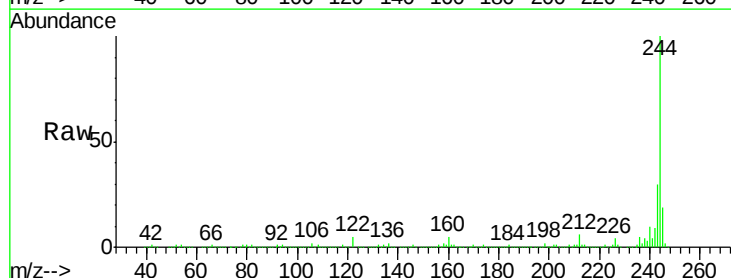
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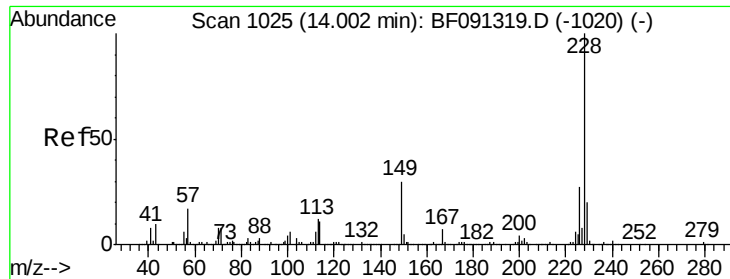
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#78
 Terphenyl-d14
 Concen: 63.47 ng
 RT: 12.97 min Scan# 935
 Delta R.T. -0.02 min
 Lab File: BF091412.D
 Acq: 3 Dec 2016 1:52

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.2	6.5	9.7#
122	4.9	9.5	14.3#





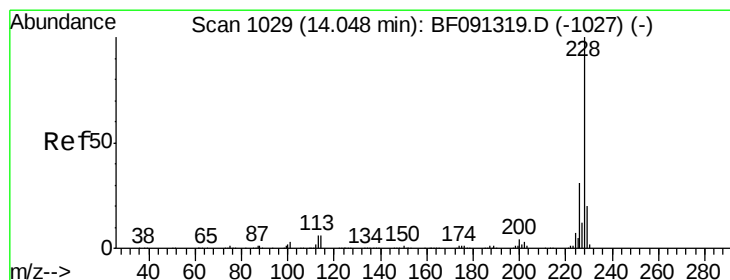
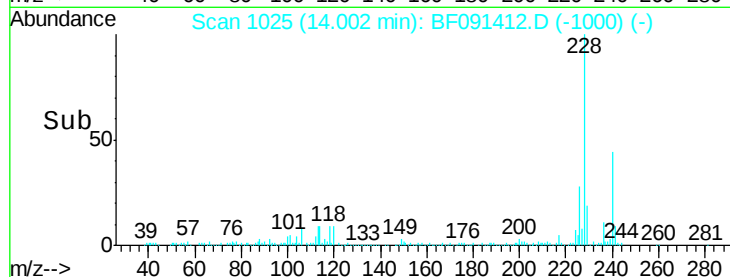
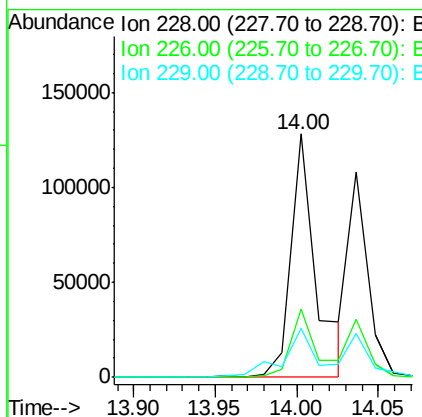
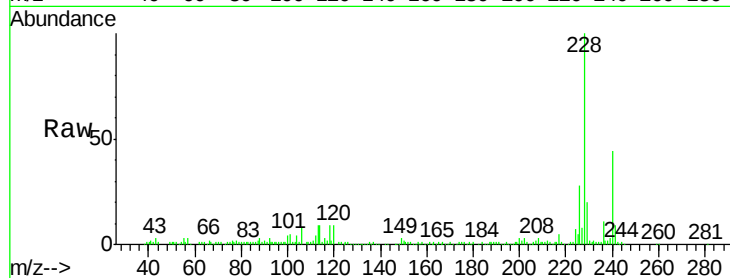
#80
Benzo(a)anthracene
Concen: 5.86 ng
RT: 14.00 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BF091412.D
Acq: 3 Dec 2016 1:52

Instrument :
BNA_F
ClientSampleId :
S12016SF-S-4

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.5	33.7
229	20.2	16.4	24.6

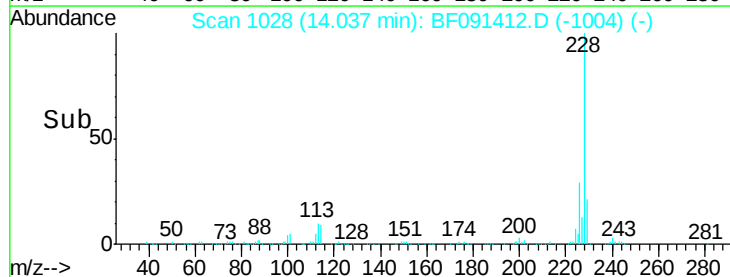
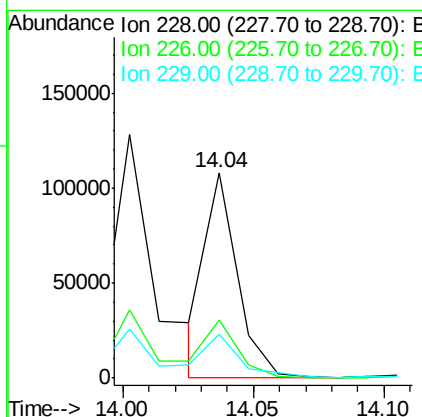
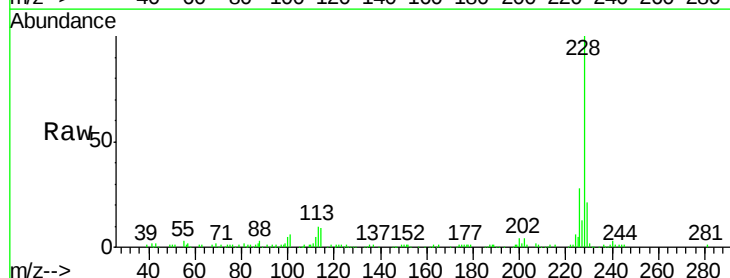
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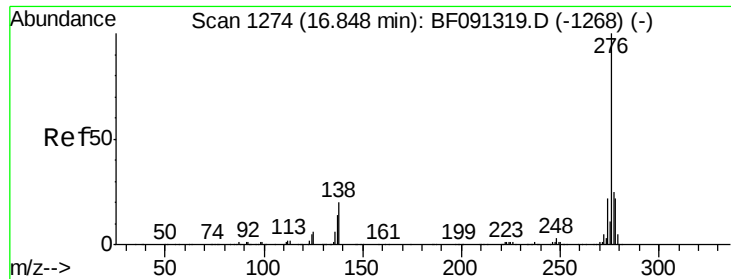
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#82
Chrysene
Concen: 3.87 ng
RT: 14.04 min Scan# 1028
Delta R.T. -0.03 min
Lab File: BF091412.D
Acq: 3 Dec 2016 1:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	25.0	37.4
229	21.1	16.0	24.0





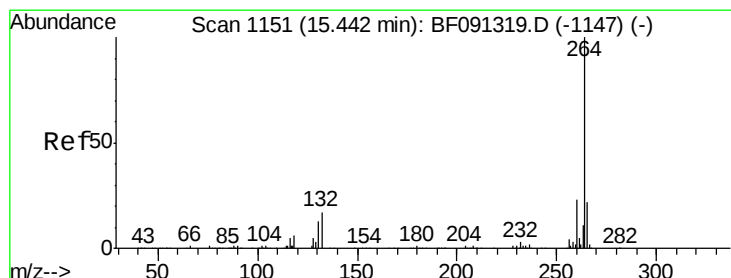
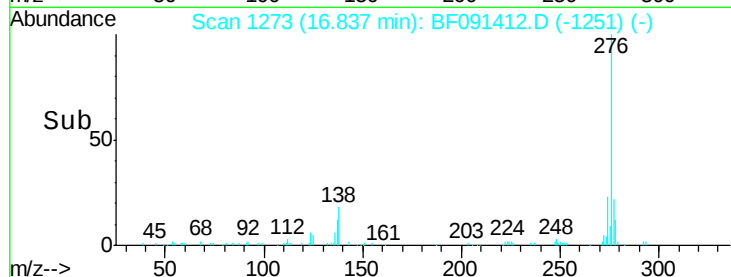
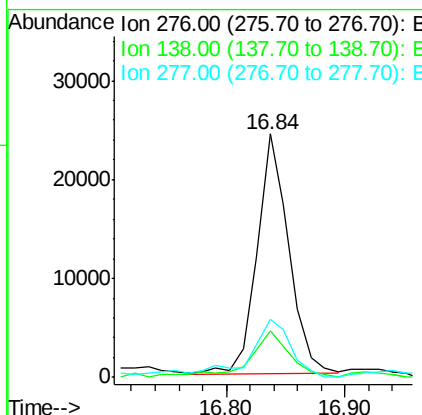
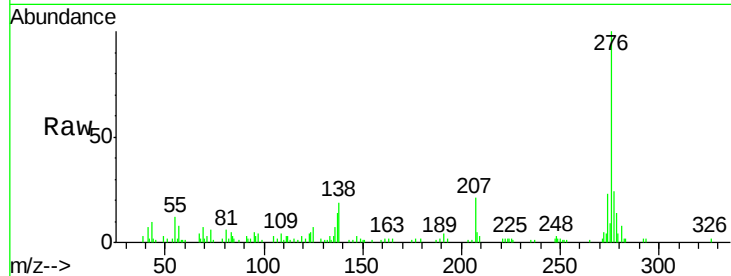
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.10 ng
RT: 16.84 min Scan# 1273
Delta R.T. -0.05 min
Lab File: BF091412.D
Acq: 3 Dec 2016 1:52

Instrument :
BNA_F
ClientSampleId :
S12016SF-S-4

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.9	21.0	31.4
277	33.9	20.2	30.2

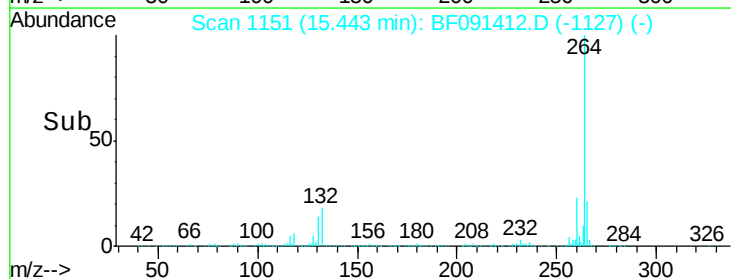
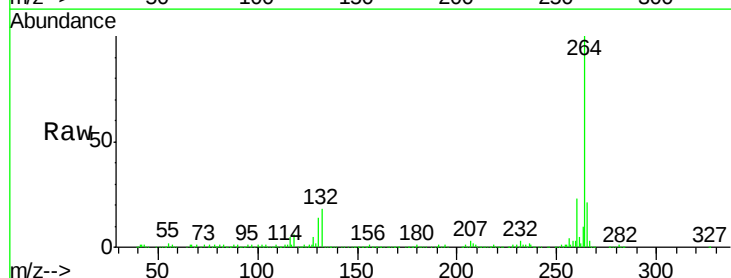
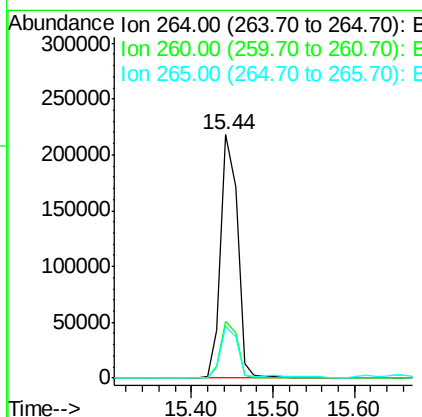
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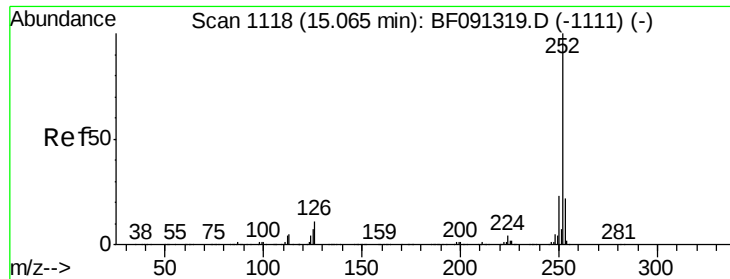
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF091412.D
Acq: 3 Dec 2016 1:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.8	28.2
265	21.3	17.0	25.6





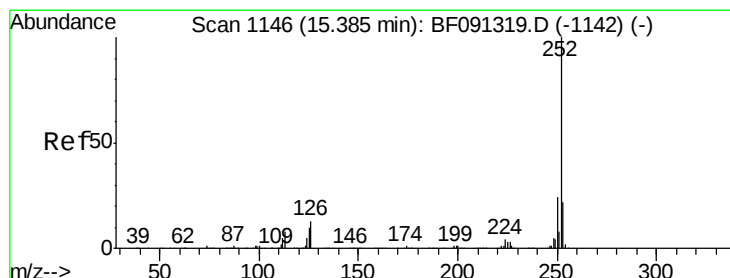
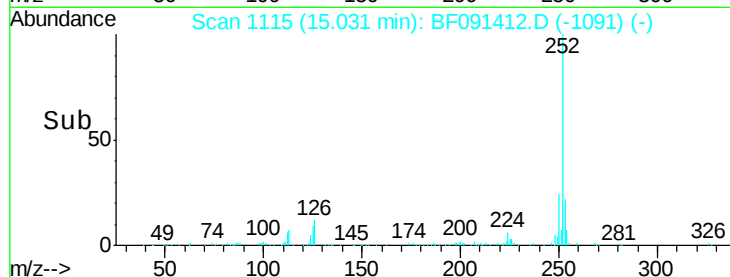
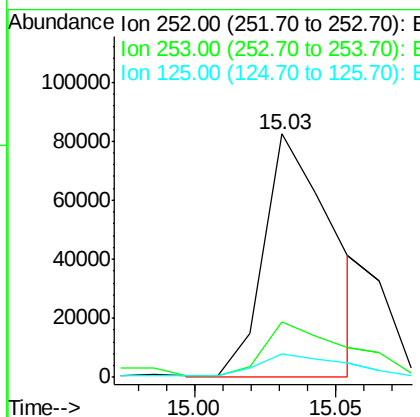
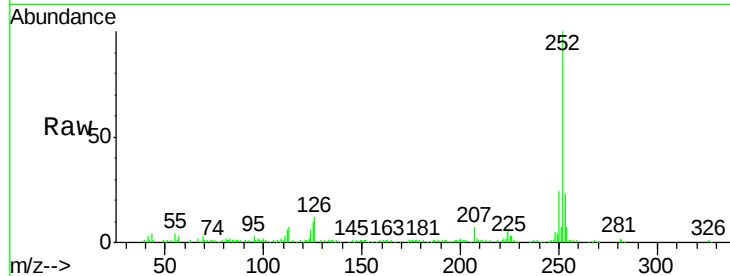
#87
Benzo(b)fluoranthene
Concen: 7.12 ng m
RT: 15.03 min Scan# 1115
Delta R.T. -0.03 min
Lab File: BF091412.D
Acq: 3 Dec 2016 1:52

Instrument :
BNA_F
ClientSampleId :
S12016SF-S-4

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.9	18.2	27.2
125	9.9	8.6	13.0

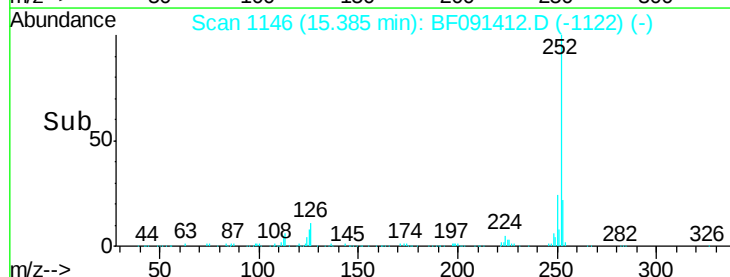
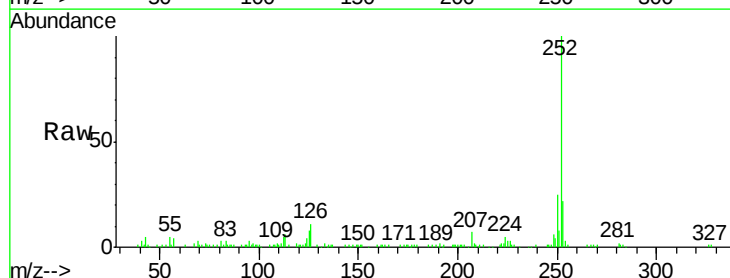
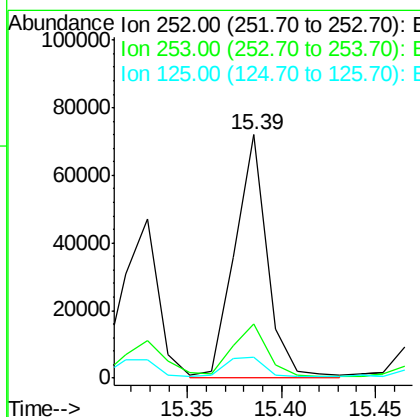
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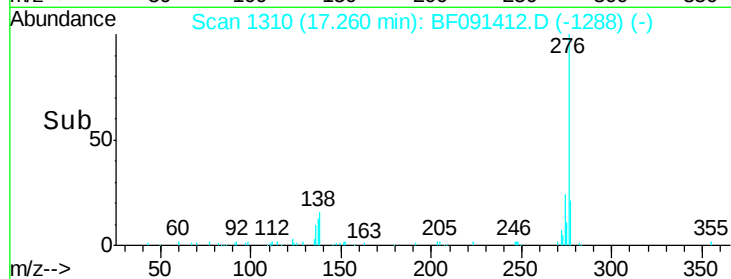
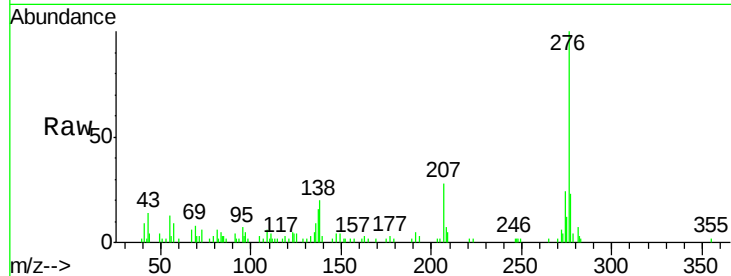
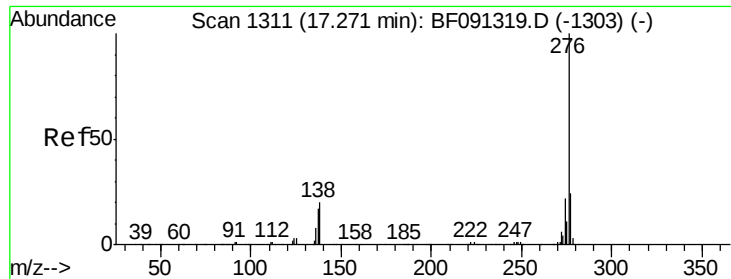
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#89
Benzo(a)pyrene
Concen: 4.98 ng m
RT: 15.39 min Scan# 1146
Delta R.T. -0.03 min
Lab File: BF091412.D
Acq: 3 Dec 2016 1:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.3	18.2	27.4
125	8.5	10.4	15.6#





#91

Benzo(g,h,i)perylene

Concen: 2.68 ng

RT: 17.26 min Scan# 1310

Delta R.T. -0.05 min

Lab File: BF091412.D

Acq: 3 Dec 2016 1:52

Instrument :

BNA_F

ClientSampleId :

S12016SF-S-4

Tgt Ion:	276	Resp:	44685
Ion Ratio		Lower	Upper
276	100		
277	23.3	19.0	28.4
138	19.9	15.4	23.0

Manual Integrations
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