

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121416\
 Data File : BF091598.D
 Acq On : 14 Dec 2016 21:41
 Operator : UM/SJ
 Sample : H6006-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-7-0-5

Manual Integrations
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Quant Time: Dec 15 01:30:08 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 19:00:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	294179	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	1118827	20.00	ng	-0.02
38) Acenaphthene-d10	9.84	164	610851	20.00	ng	-0.02
63) Phenanthrene-d10	11.31	188	922771	20.00	ng	-0.02
75) Chrysene-d12	13.95	240	645471	20.00	ng	-0.01
86) Perylene-d12	15.36	264	602185	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.39	112	1831394	104.88	ng	-0.02
7) Phenol-d6	6.44	99	2476350	113.76	ng	-0.01
23) Nitrobenzene-d5	7.36	82	1327276	66.21	ng	-0.02
41) 2,4,6-Tribromophenol	10.62	330	548183	108.04	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	2377019	67.24	ng	-0.02
78) Terphenyl-d14	12.90	244	1748255	61.46	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.45	94	95223	3.74	ng	# 70
49) Dimethylphthalate	9.55	163	323748	8.37	ng	98
70) Phenanthrene	11.33	178	341294	7.47	ng	98
74) Fluoranthene	12.52	202	338819	7.08	ng	98
77) Pyrene	12.75	202	306991	5.99	ng	98
80) Benzo(a)anthracene	13.94	228	127609	3.40	ng	99
82) Chrysene	13.97	228	106677m	2.72	ng	
87) Benzo(b)fluoranthene	14.96	252	100274m	2.79	ng	
89) Benzo(a)pyrene	15.30	252	71689	2.22	ng	96

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

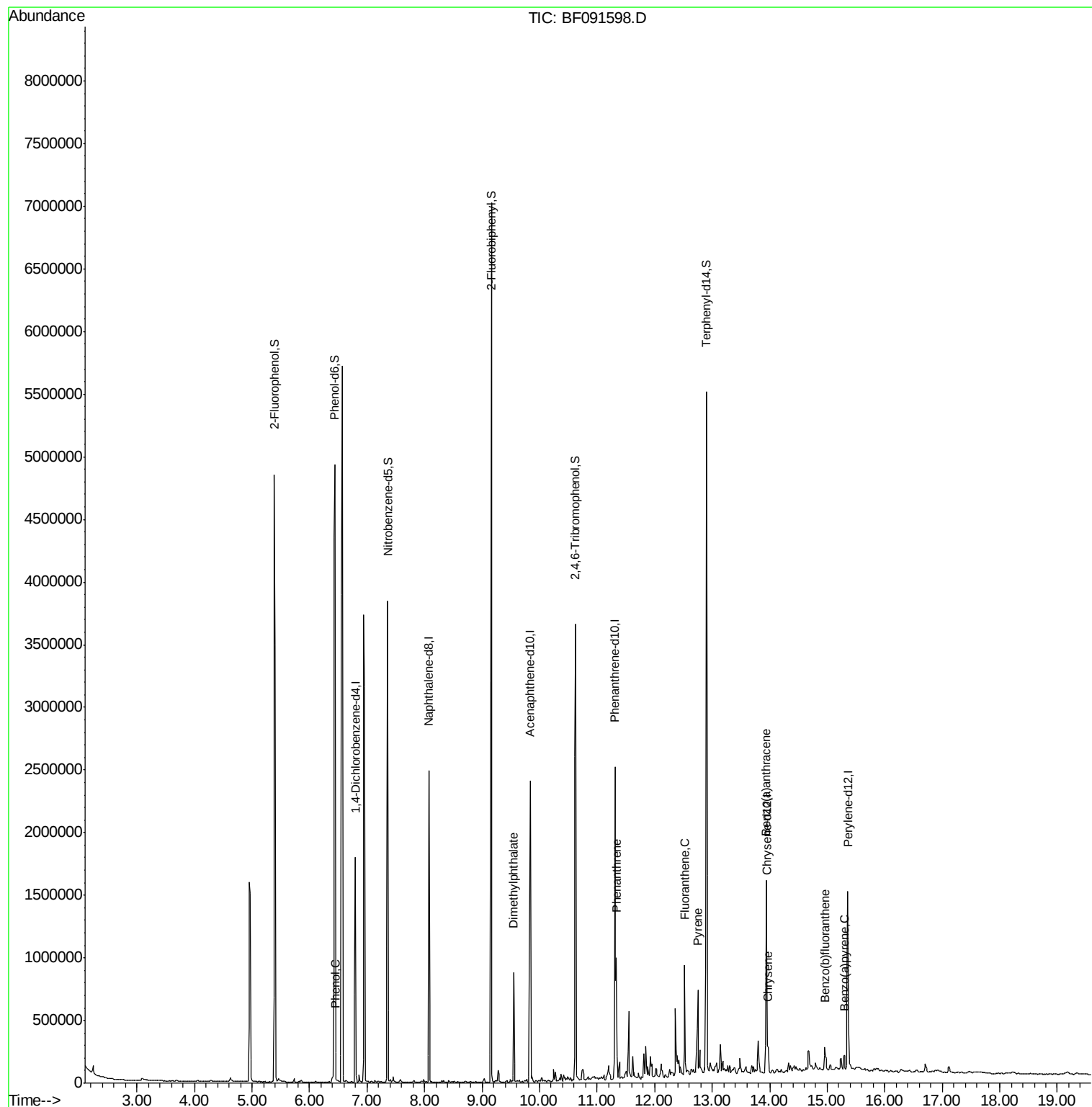
Data Path : Z:\HPCHEM1\BNA F\DATA\BF121416\
Data File : BF091598.D
Acq On : 14 Dec 2016 21:41
Operator : UM/SJ
Sample : H6006-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

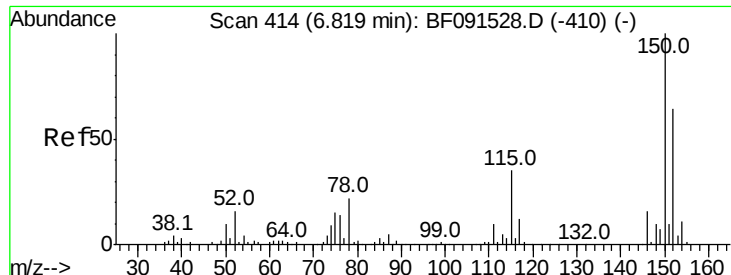
Instrument :
BNA_F
ClientSampleId :
WC-7-0-5

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Quant Time: Dec 15 01:30:08 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

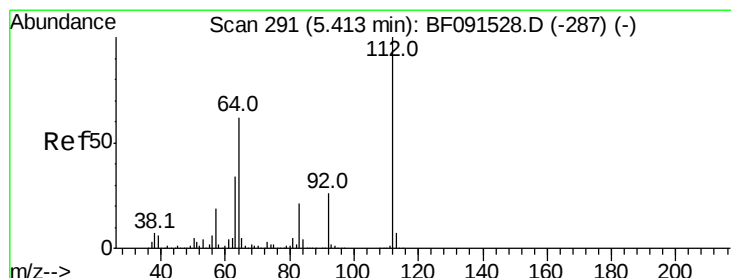
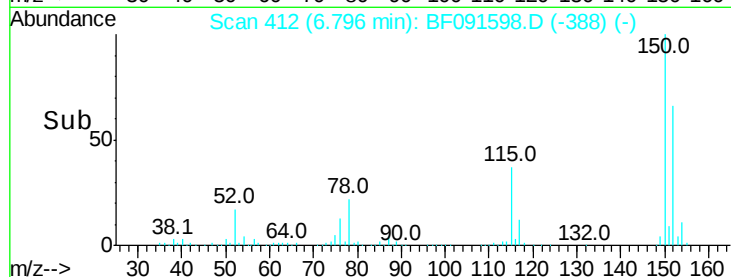
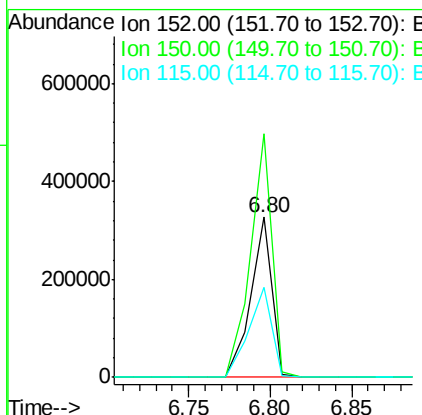
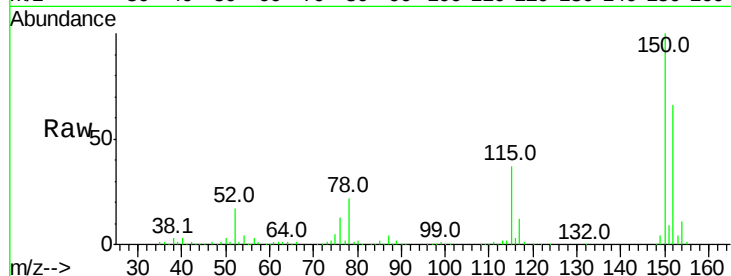
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.02 min
Lab File: BF091598.D
Acq: 14 Dec 2016 21:41

Instrument :
BNA_F
ClientSampleId :
WC-7-0-5

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.9	122.5	183.7
115	56.0	51.8	77.8

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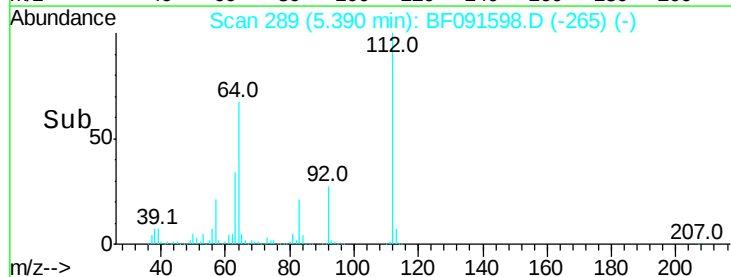
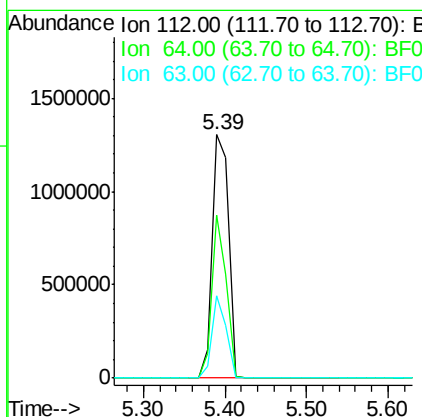
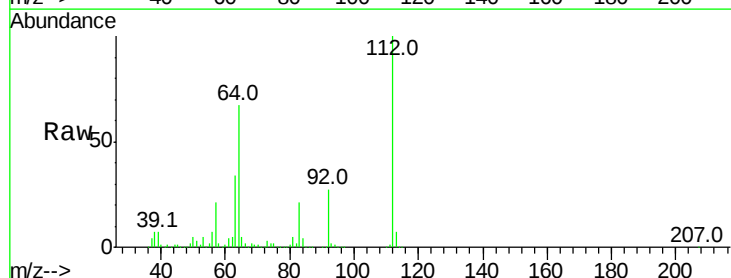
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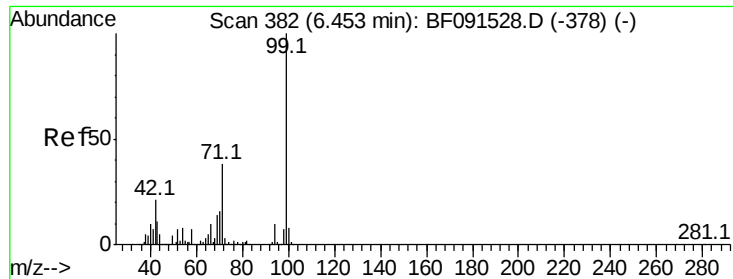


#5

2-Fluorophenol
Concen: 104.88 ng
RT: 5.39 min Scan# 289
Delta R.T. -0.02 min
Lab File: BF091598.D
Acq: 14 Dec 2016 21:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.9	61.5	92.3
63	33.7	33.3	49.9





#7

Phenol-d6

Concen: 113.76 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF091598.D

Acq: 14 Dec 2016 21:41

Instrument :

BNA_F

ClientSampleId :

WC-7-0-5

Tot Ion: 99 Resp: 2476350

Ion Ratio Lower Upper

99 100

42 15.4 20.6 31.0#

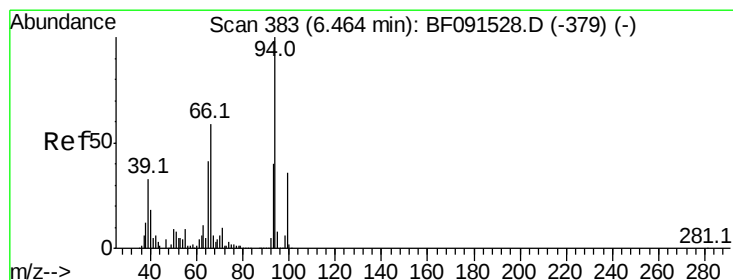
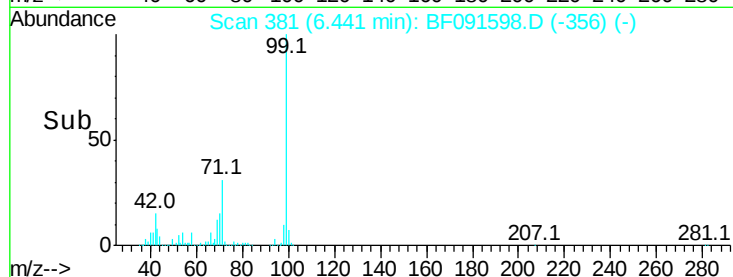
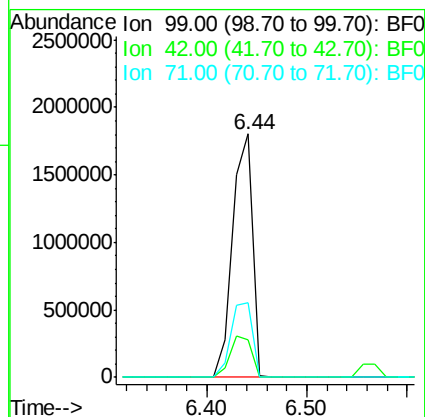
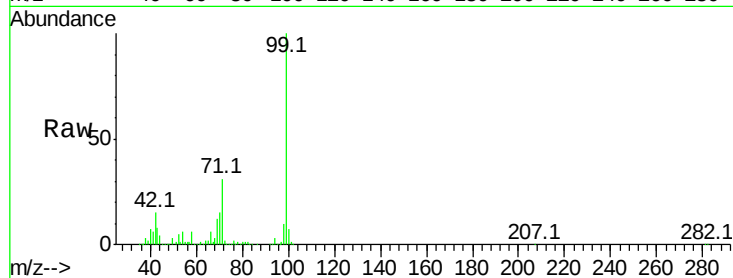
71 30.7 29.9 44.9

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#10

Phenol

Concen: 3.74 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF091598.D

Acq: 14 Dec 2016 21:41

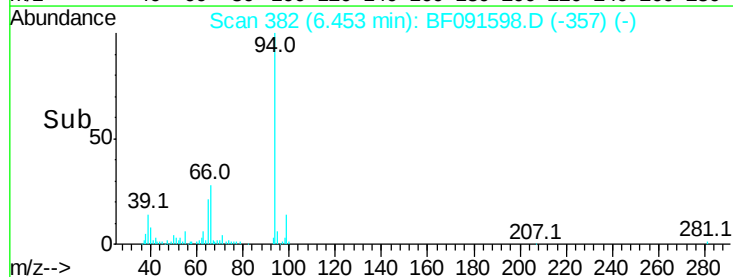
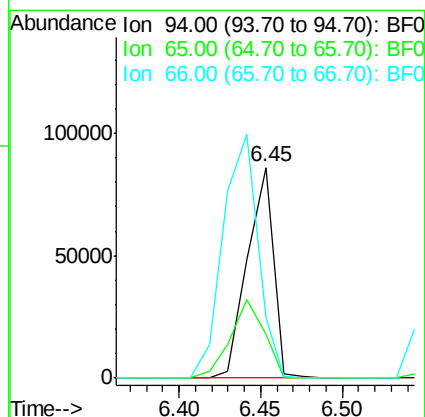
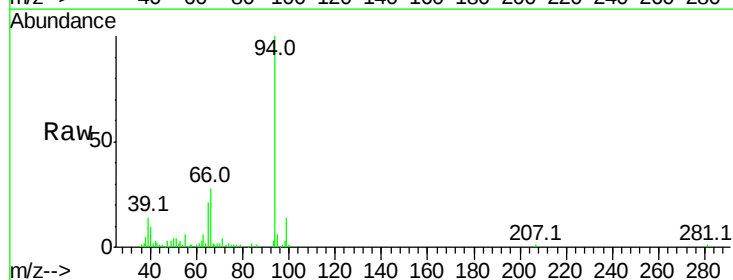
Tgt Ion: 94 Resp: 95223

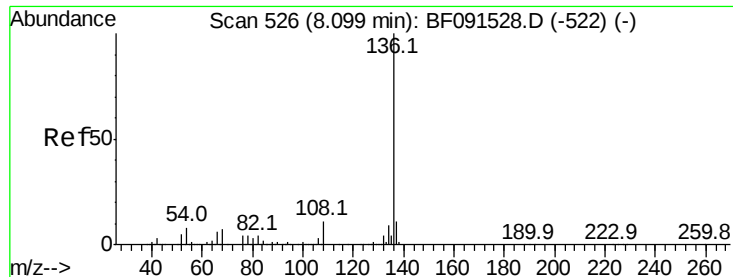
Ion Ratio Lower Upper

94 100

65 21.0 16.9 56.9

66 28.4 30.6 70.6#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.02 min

Lab File: BF091598.D

Acq: 14 Dec 2016 21:41

Instrument :

BNA_F

ClientSampleId :

WC-7-0-5

Tot Ion:136 Resp: 1118827

Ion Ratio Lower Upper

136 100

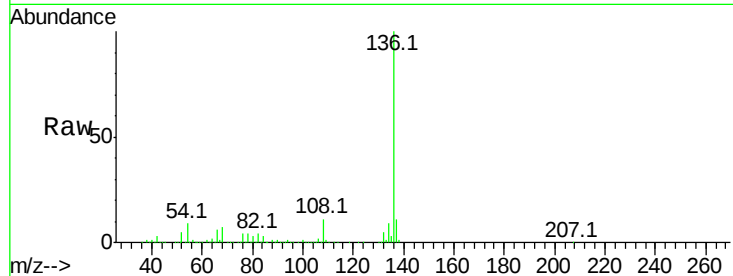
137 11.4 9.1 13.7

54 9.5 9.1 13.7

68 7.2 5.9 8.9

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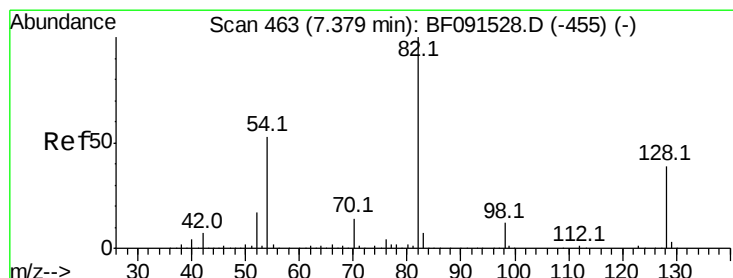
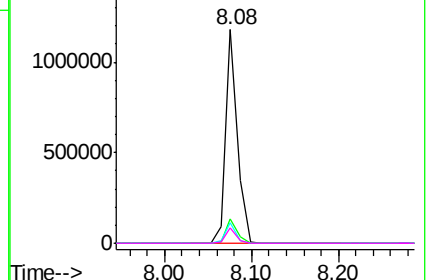
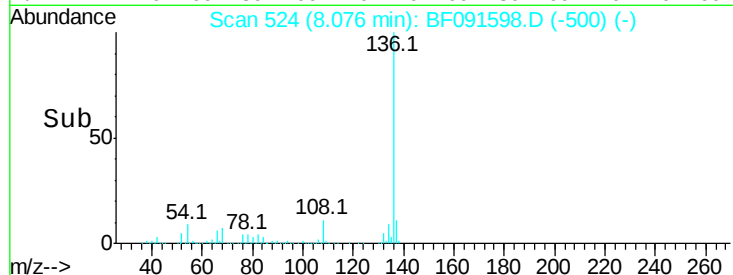


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 66.21 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.02 min

Lab File: BF091598.D

Acq: 14 Dec 2016 21:41

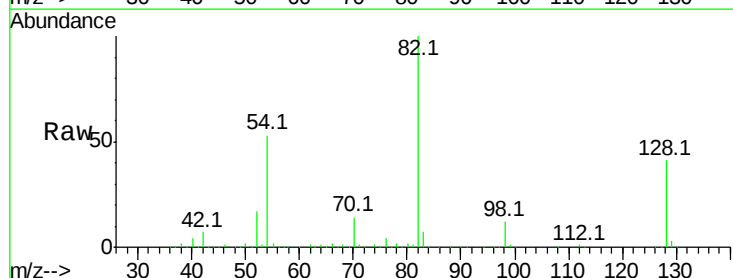
Tgt Ion: 82 Resp: 1327276

Ion Ratio Lower Upper

82 100

128 40.8 31.8 47.6

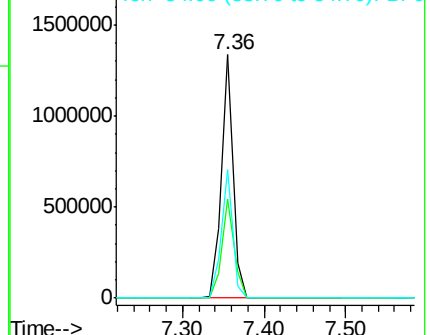
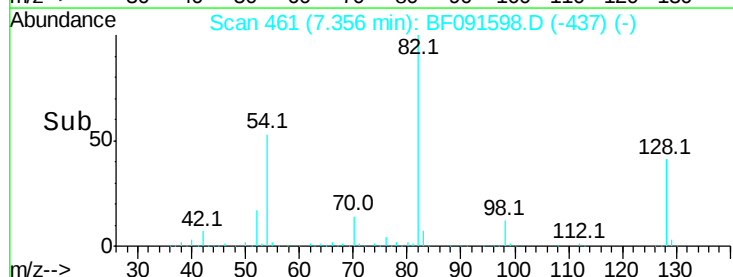
54 52.5 49.1 73.7

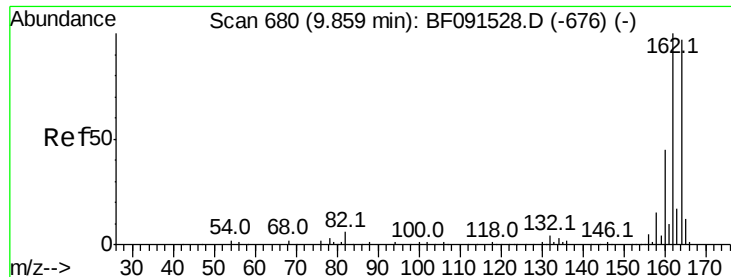


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





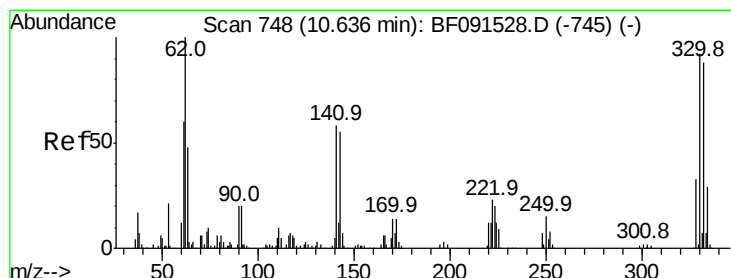
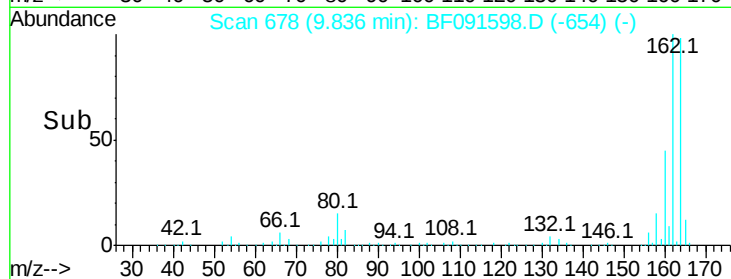
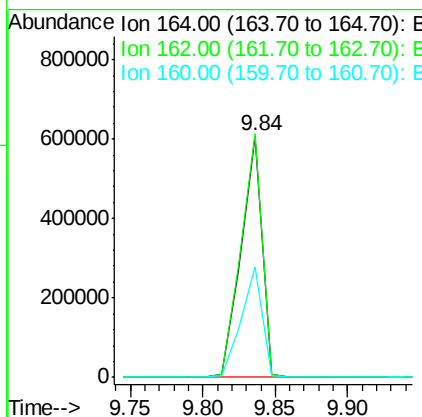
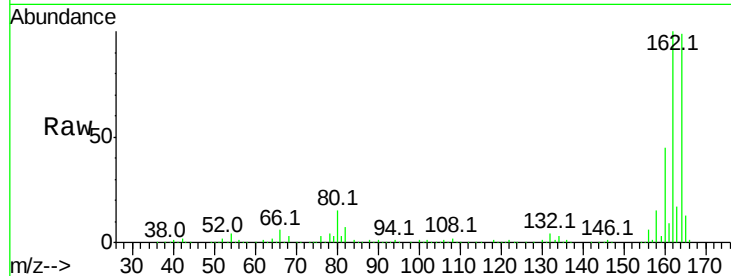
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.02 min
Lab File: BF091598.D
Acq: 14 Dec 2016 21:41

Instrument :
BNA_F
ClientSampleId :
WC-7-0-5

Tot Ion:	164	Resp:	610851
Ion Ratio	Lower	Upper	
164	100		
162	100.9	82.6	124.0
160	45.6	36.7	55.1

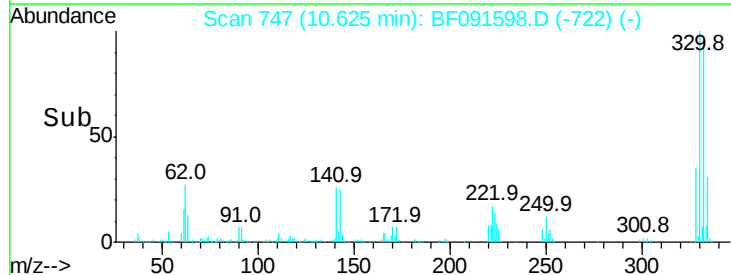
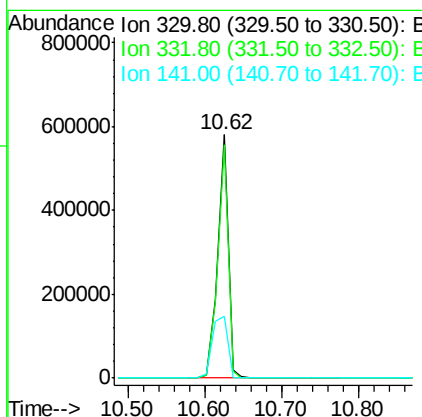
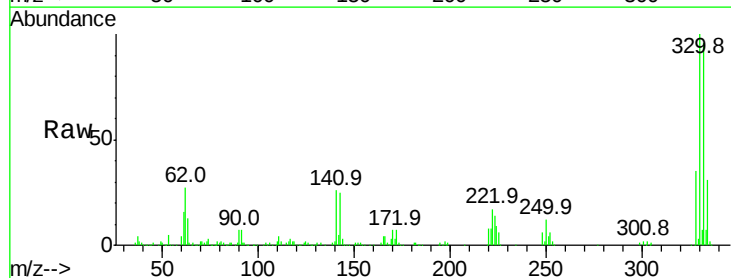
Manual Integrations
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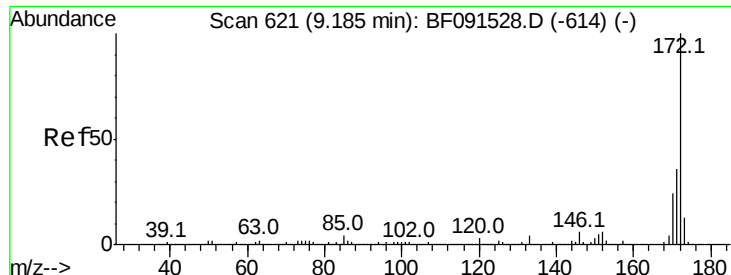
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#41
2,4,6-Tribromophenol
Concen: 108.04 ng
RT: 10.62 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF091598.D
Acq: 14 Dec 2016 21:41

Tgt Ion:	330	Resp:	548183
Ion Ratio	Lower	Upper	
330	100		
332	96.3	76.2	114.4
141	37.3	33.6	50.4





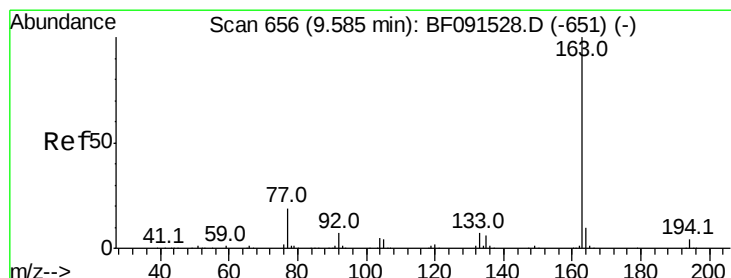
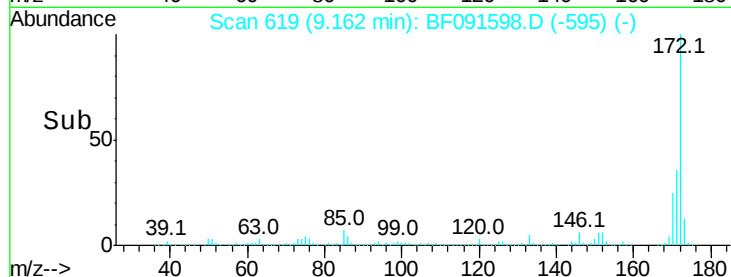
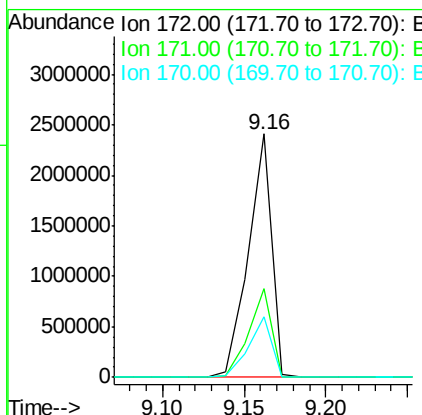
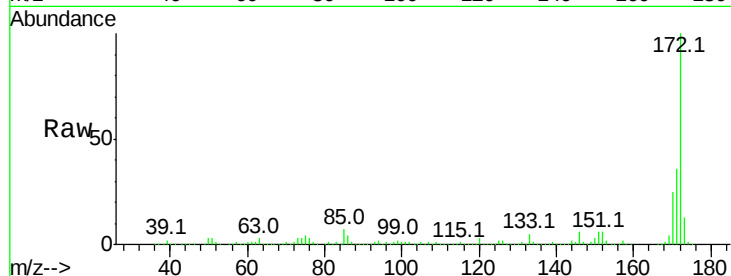
#44
2-Fluorobiphenyl
Concen: 67.24 ng
RT: 9.16 min Scan# 619
Delta R.T. -0.02 min
Lab File: BF091598.D
Acq: 14 Dec 2016 21:41

Instrument :
BNA_F
ClientSampleId :
WC-7-0-5

Tot Ion:172 Resp: 2377019
Ion Ratio Lower Upper
172 100
171 36.3 29.4 44.0
170 25.0 19.7 29.5

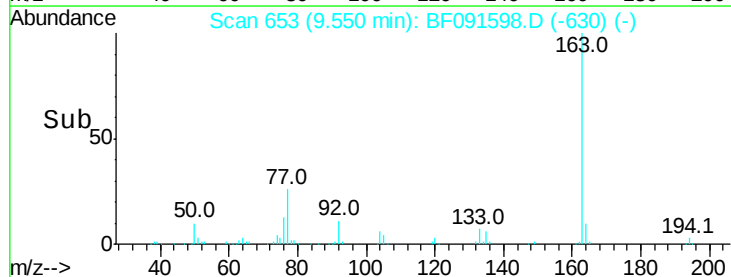
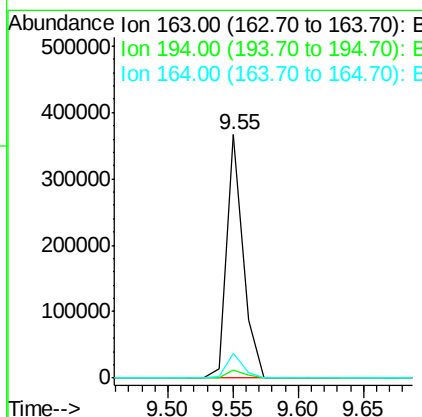
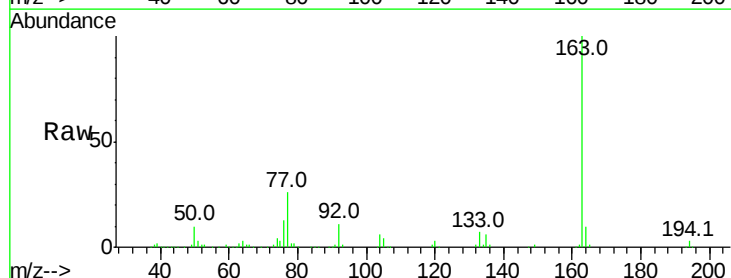
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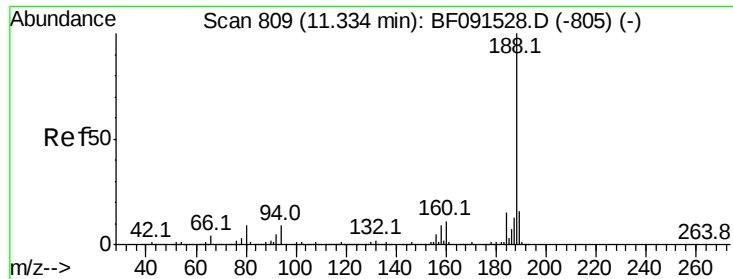
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#49
Dimethylphthalate
Concen: 8.37 ng
RT: 9.55 min Scan# 653
Delta R.T. -0.03 min
Lab File: BF091598.D
Acq: 14 Dec 2016 21:41

Tgt Ion:163 Resp: 323748
Ion Ratio Lower Upper
163 100
194 3.2 3.0 4.4
164 10.4 7.8 11.8





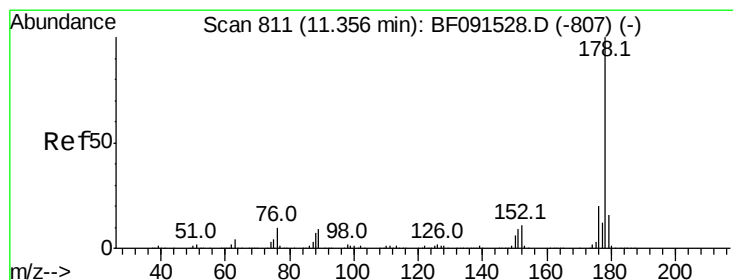
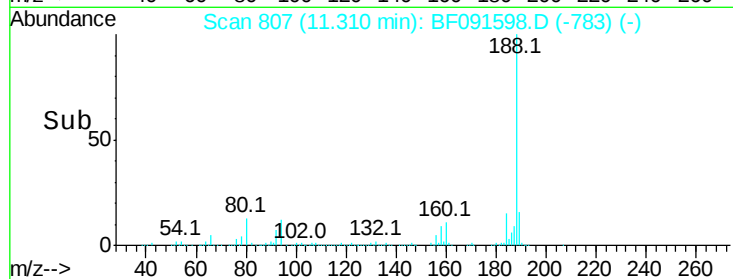
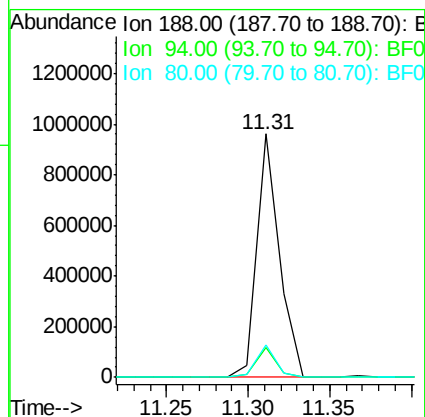
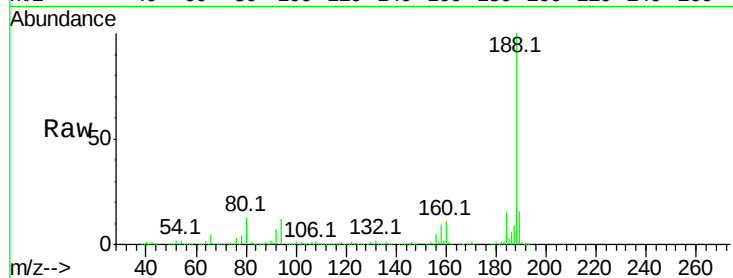
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF091598.D
Acq: 14 Dec 2016 21:41

Instrument :
BNA_F
ClientSampleId :
WC-7-0-5

Tot Ion	Ratio	Resp	Lower	Upper
188	100	922771		
94	12.4		9.2	13.8
80	13.3		10.5	15.7

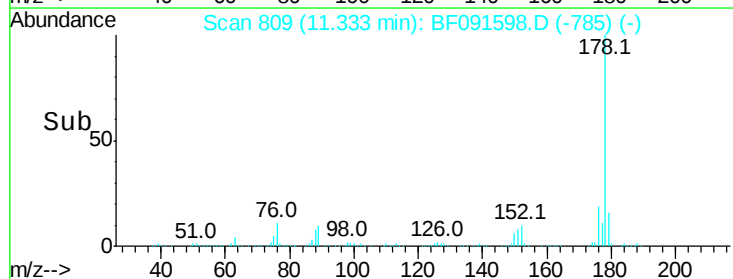
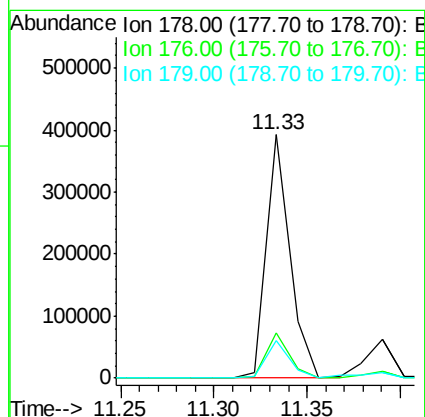
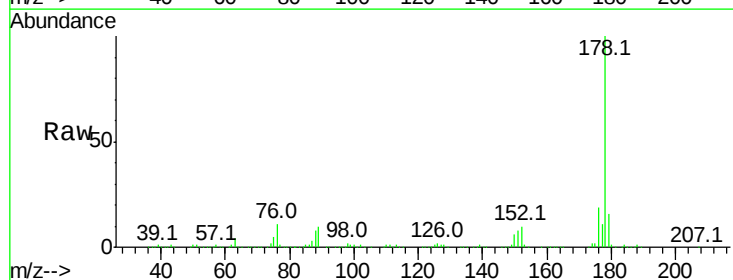
Manual Integrations
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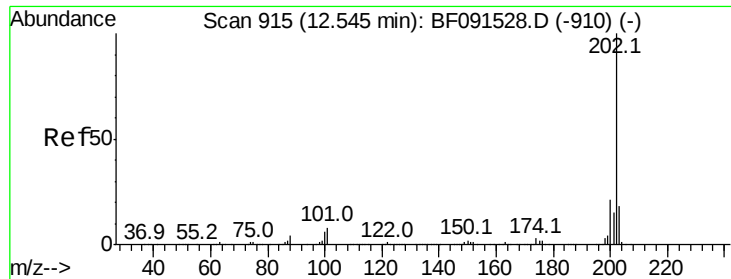
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#70
Phenanthrene
Concen: 7.47 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.02 min
Lab File: BF091598.D
Acq: 14 Dec 2016 21:41

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	341294		
176	18.6		15.9	23.9
179	15.6		12.6	18.8





#74

Fluoranthene

Concen: 7.08 ng

RT: 12.52 min Scan# 913

Delta R.T. -0.02 min

Lab File: BF091598.D

Acq: 14 Dec 2016 21:41

Instrument :

BNA_F

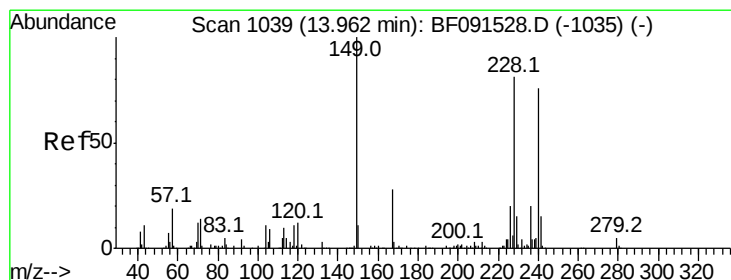
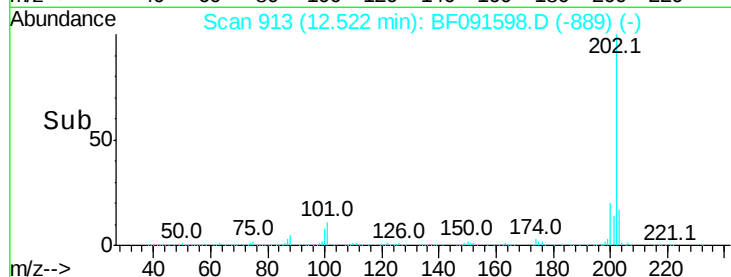
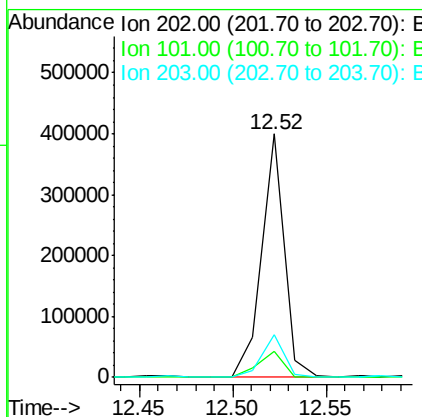
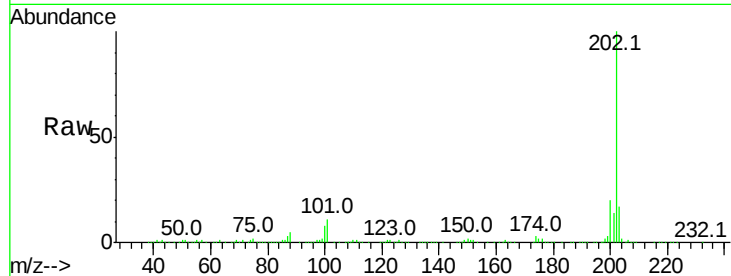
ClientSampled :

WC-7-0-5

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.6	0.0	29.5
203	17.3	0.0	37.8

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#75

Chrysene-d12

Concen: 20.00 ng

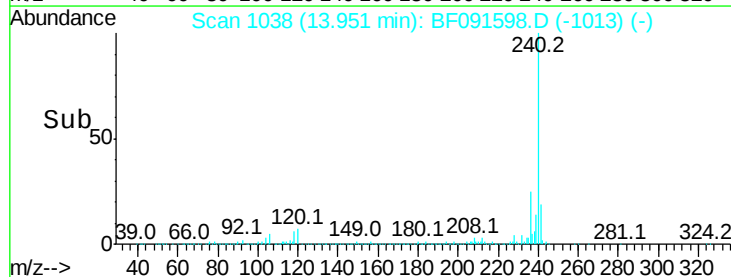
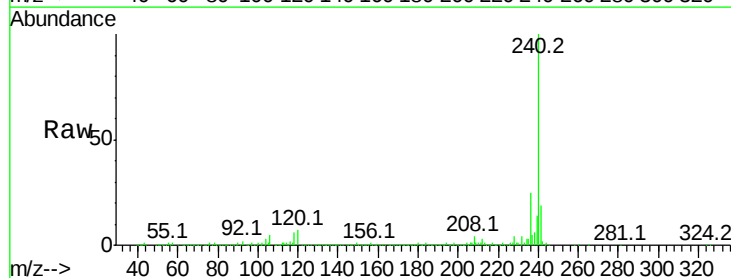
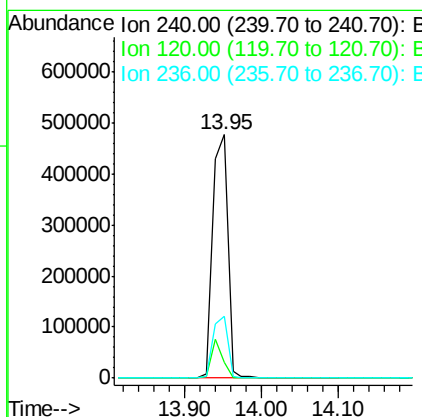
RT: 13.95 min Scan# 1038

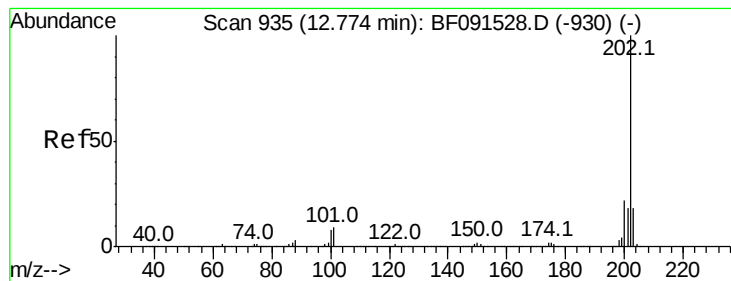
Delta R.T. -0.01 min

Lab File: BF091598.D

Acq: 14 Dec 2016 21:41

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	6.7	12.1	18.1#
236	25.4	21.0	31.6





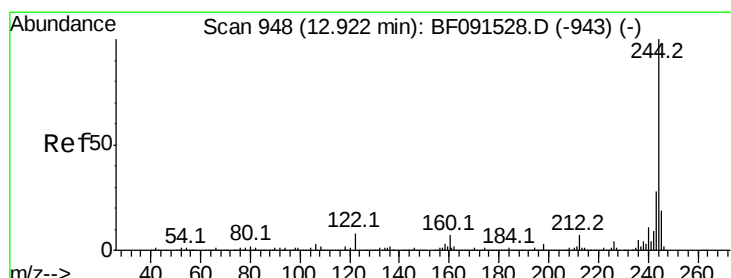
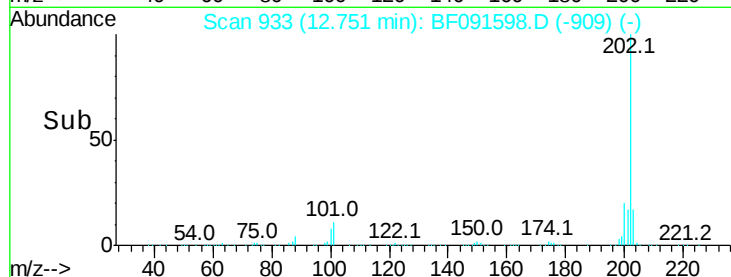
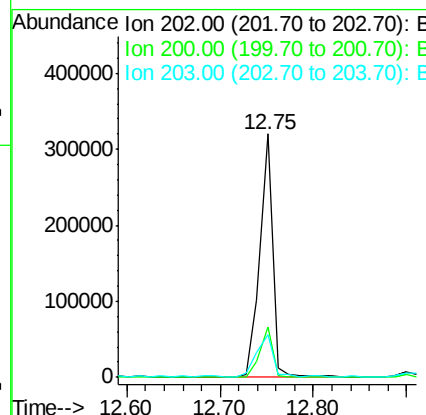
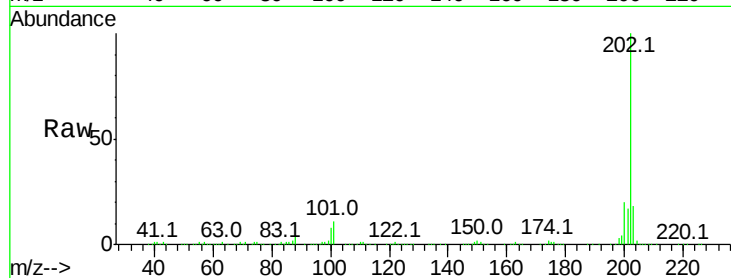
#77
Pvrene
Concen: 5.99 ng
RT: 12.75 min Scan# 933
Delta R.T. -0.02 min
Lab File: BF091598.D
Acq: 14 Dec 2016 21:41

Instrument :
BNA_F
ClientSampleId :
WC-7-0-5

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.6	26.4
203	17.5	14.0	21.0

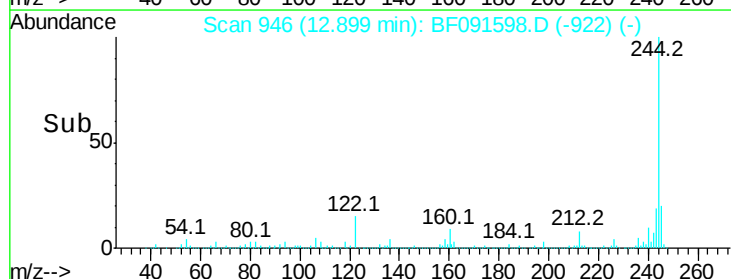
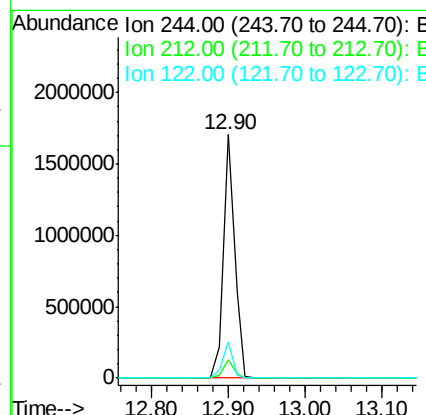
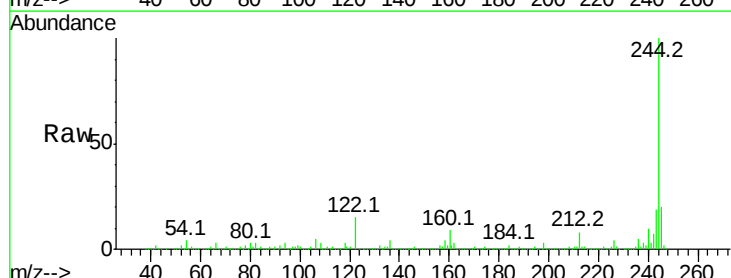
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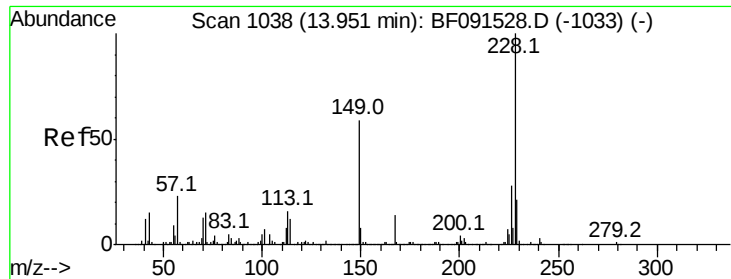
sohil
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#78
Terphenyl-d14
Concen: 61.46 ng
RT: 12.90 min Scan# 946
Delta R.T. -0.02 min
Lab File: BF091598.D
Acq: 14 Dec 2016 21:41

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.5	9.7
122	14.9	9.5	14.3#





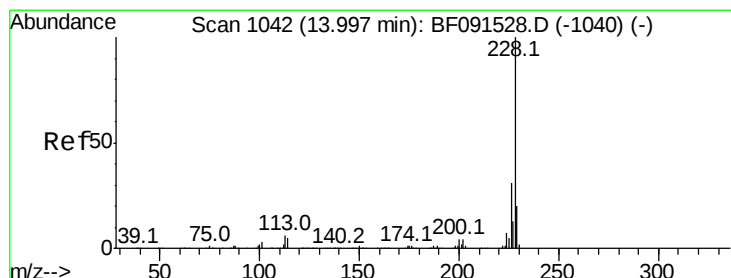
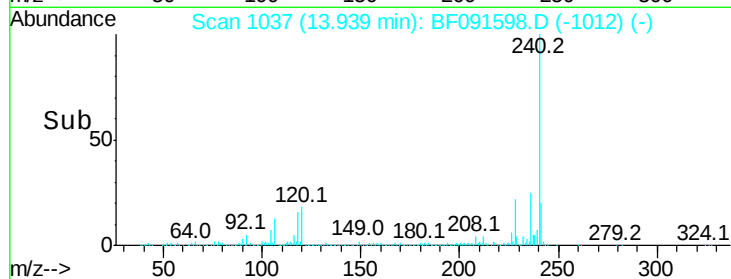
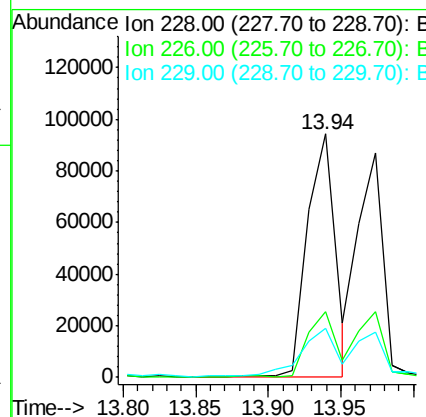
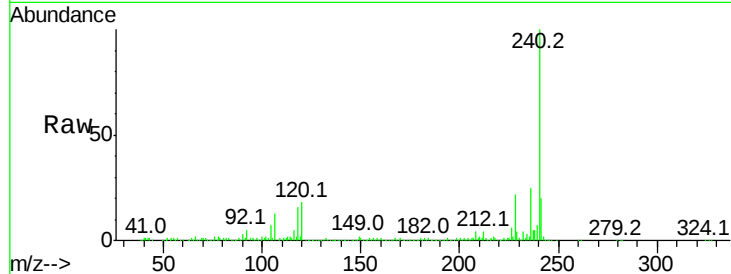
#80
Benzo(a)anthracene
Concen: 3.40 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF091598.D
Acq: 14 Dec 2016 21:41

Instrument :
BNA_F
ClientSampleId :
WC-7-0-5

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.5	33.7
229	20.3	16.4	24.6

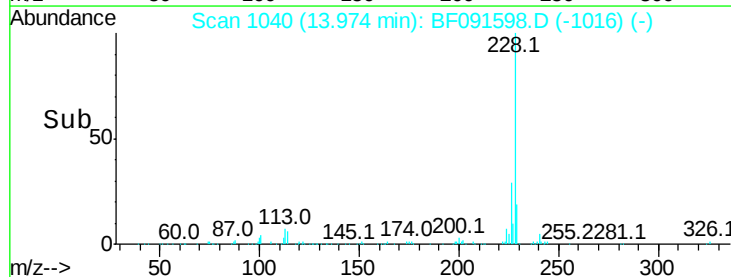
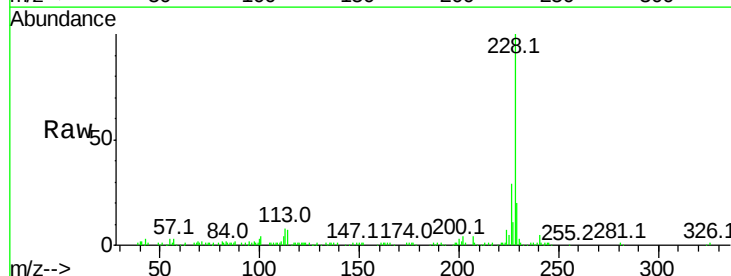
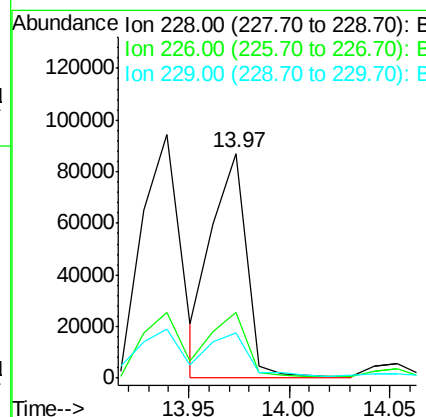
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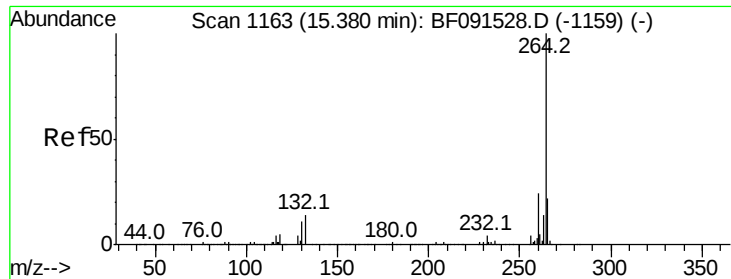
sohil
12/15/2016 5:40:34 PM



#82
Chrysene
Concen: 2.72 ng m
RT: 13.97 min Scan# 1040
Delta R.T. -0.02 min
Lab File: BF091598.D
Acq: 14 Dec 2016 21:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	25.0	37.4
229	20.4	16.0	24.0





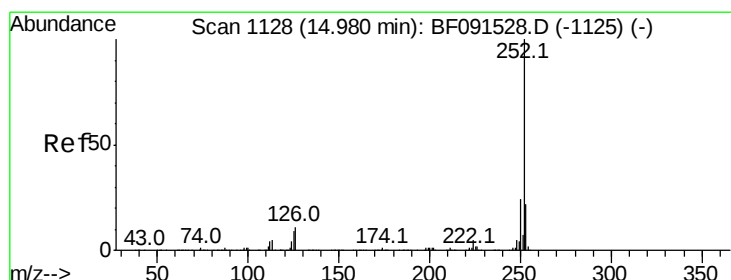
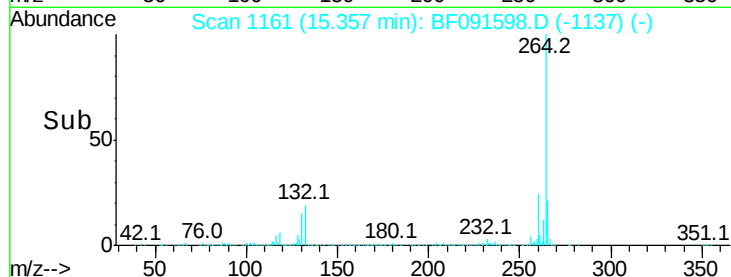
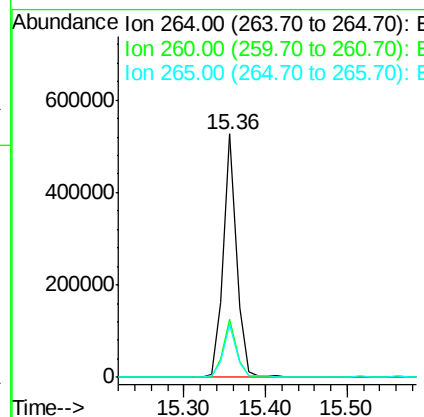
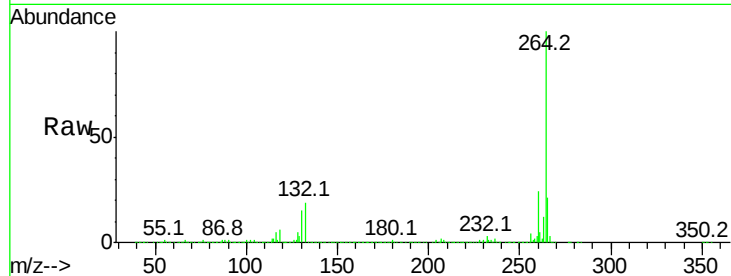
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.02 min
Lab File: BF091598.D
Acq: 14 Dec 2016 21:41

Instrument :
BNA_F
ClientSampleId :
WC-7-0-5

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.8	28.2
265	21.5	17.0	25.6

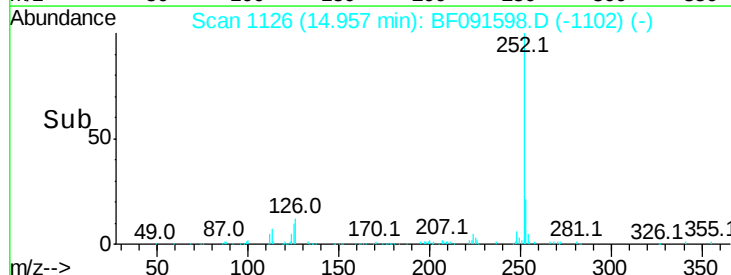
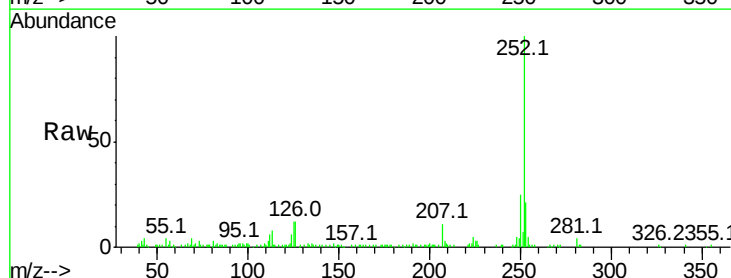
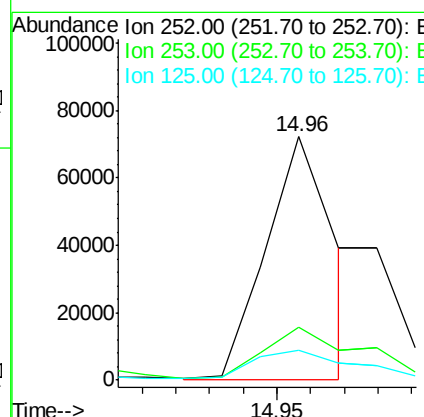
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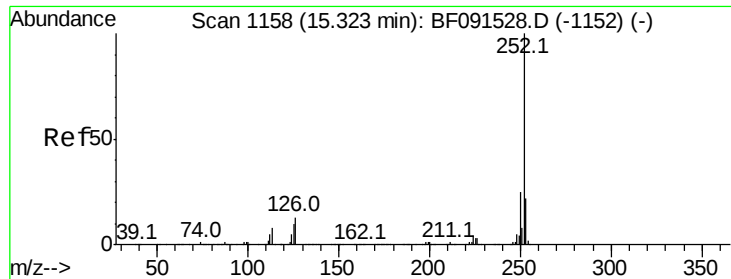
sohil
12/15/2016 5:40:34 PM



#87
Benzo(b)fluoranthene
Concen: 2.79 ng m
RT: 14.96 min Scan# 1126
Delta R.T. -0.02 min
Lab File: BF091598.D
Acq: 14 Dec 2016 21:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.2	27.2
125	12.1	8.6	13.0





#89
Benzo(a)pyrene
Concen: 2.22 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.02 min
Lab File: BF091598.D
Acq: 14 Dec 2016 21:41

Instrument :
BNA_F
ClientSampleId :
WC-7-0-5

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.9	18.2	27.4
125	11.3	10.4	15.6

Manual Integrations
APPROVED

sohil
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