

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121416\
 Data File : BF091593.D
 Acq On : 14 Dec 2016 19:23
 Operator : UM/SJ
 Sample : H6006-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-13-5-10

Manual Integrations
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Quant Time: Dec 15 01:17:01 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	297679	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	1167474	20.00	ng	-0.02
38) Acenaphthene-d10	9.84	164	616539	20.00	ng	-0.02
63) Phenanthrene-d10	11.31	188	945264	20.00	ng	-0.02
75) Chrysene-d12	13.94	240	614185	20.00	ng	-0.02
86) Perylene-d12	15.36	264	593078	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1261616	71.40	ng	-0.02
7) Phenol-d6	6.43	99	1569702	71.26	ng	-0.02
23) Nitrobenzene-d5	7.36	82	1121305	53.61	ng	-0.02
41) 2,4,6-Tribromophenol	10.62	330	347983	67.95	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	1751986	49.10	ng	-0.02
78) Terphenyl-d14	12.90	244	1349544	49.86	ng	-0.02
Target Compounds						Qvalue
10) Phenol	6.44	94	66696	2.59	ng	88
49) Dimethylphthalate	9.55	163	454399	11.64	ng	98
70) Phenanthrene	11.33	178	400138	8.55	ng	99
74) Fluoranthene	12.52	202	614578	12.54	ng	99
77) Pyrene	12.75	202	489404	10.04	ng	98
80) Benzo(a)anthracene	13.93	228	228266	6.40	ng	99
82) Chrysene	13.96	228	176036	4.72	ng	96
85) Indeno(1,2,3-cd)pyrene	16.71	276	119218	3.55	ng	97
87) Benzo(b)fluoranthene	14.96	252	251436m	7.11	ng	
88) Benzo(k)fluoranthene	14.98	252	83850m	2.70	ng	
89) Benzo(a)pyrene	15.29	252	170490	5.35	ng	# 95
91) Benzo(a,h,i)perylene	17.12	276	116437	4.01	ng	95

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

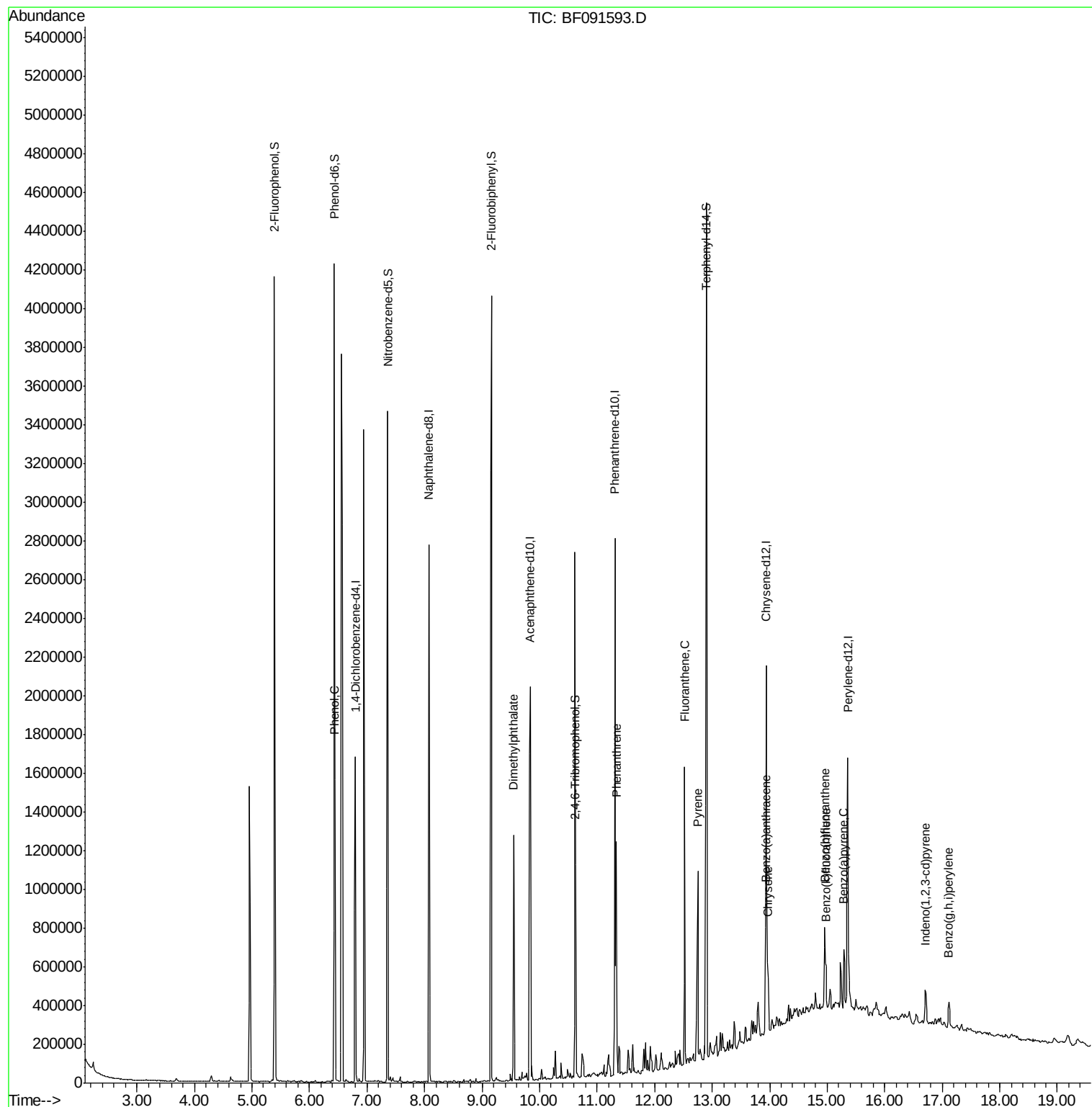
Data Path : Z:\HPCHEM1\BNA F\DATA\BF121416\
Data File : BF091593.D
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ALS Vial : 8 Sample Multiplier: 1

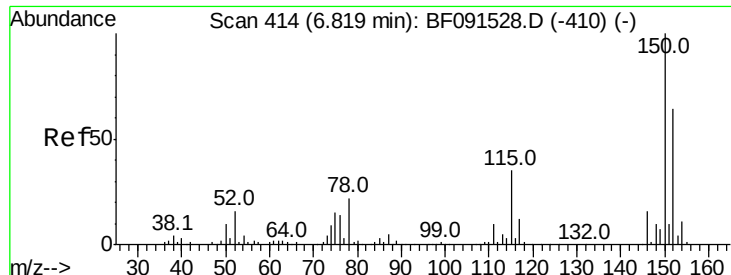
Instrument :
BNA_F
ClientSampleId :
WC-13-5-10

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Quant Time: Dec 15 01:17:01 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

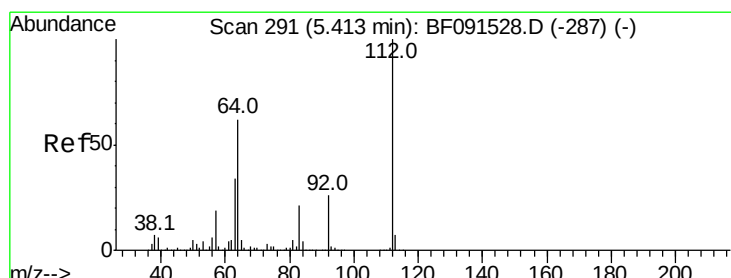
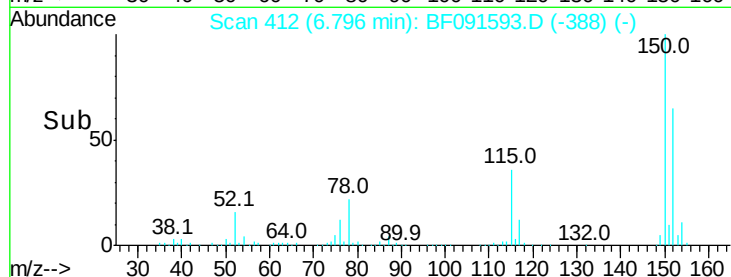
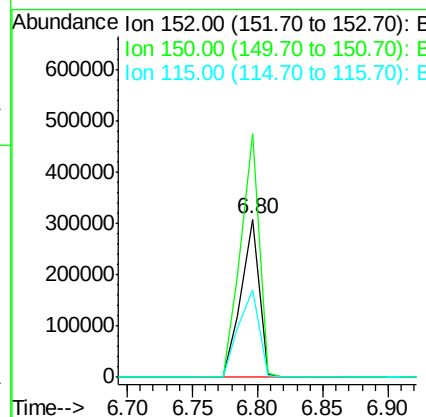
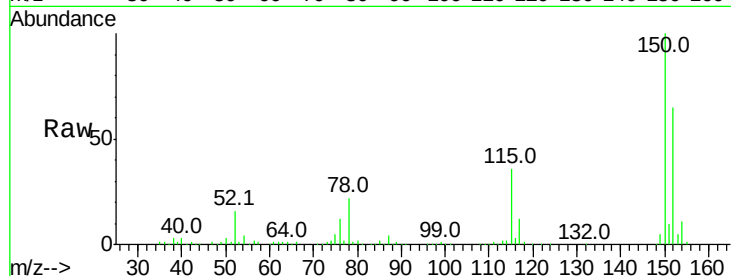
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.02 min
Lab File: BF091593.D
Acq: 14 Dec 2016 19:23

Instrument :
BNA_F
ClientSampleId :
WC-13-5-10

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	122.5	183.7
115	55.7	51.8	77.8

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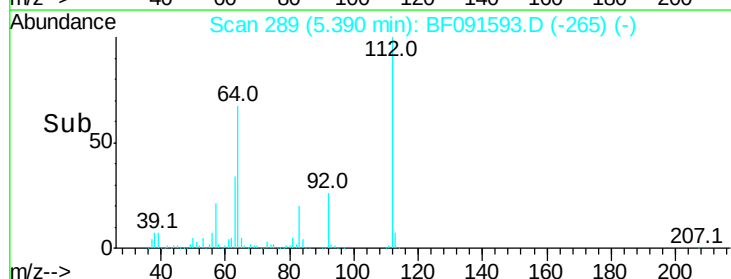
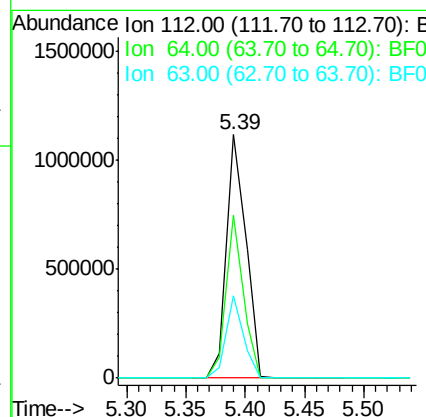
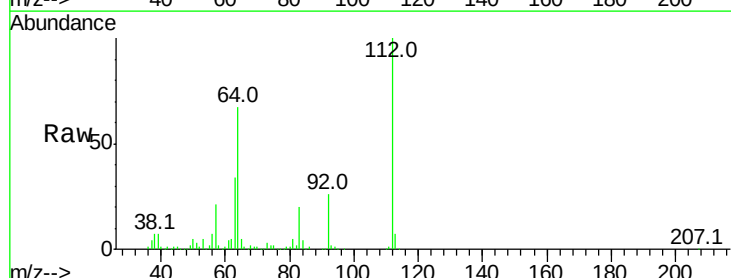
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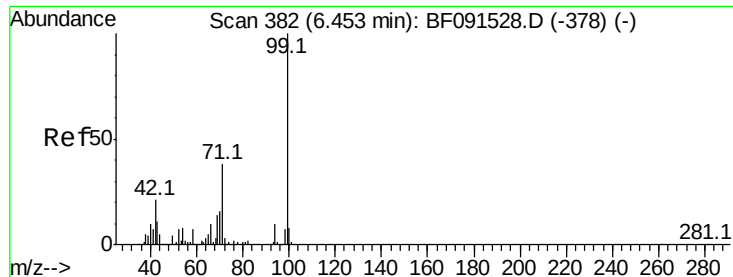


#5

2-Fluorophenol
Concen: 71.40 ng
RT: 5.39 min Scan# 289
Delta R.T. -0.02 min
Lab File: BF091593.D
Acq: 14 Dec 2016 19:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.1	61.5	92.3
63	34.1	33.3	49.9





#7

Phenol-d6

Concen: 71.26 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.02 min

Lab File: BF091593.D

Acq: 14 Dec 2016 19:23

Instrument :

BNA_F

ClientSampleId :

WC-13-5-10

Tot Ion: 99 Resp: 1569702

Ion Ratio Lower Upper

99 100

42 20.5 20.6 31.0#

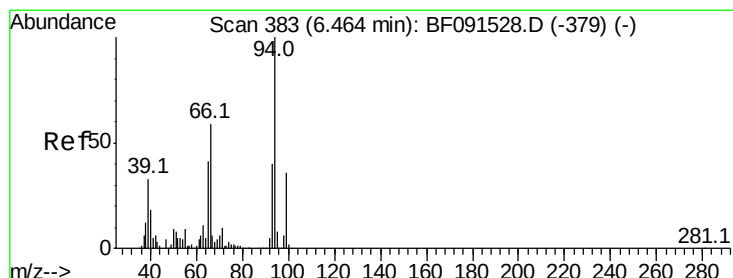
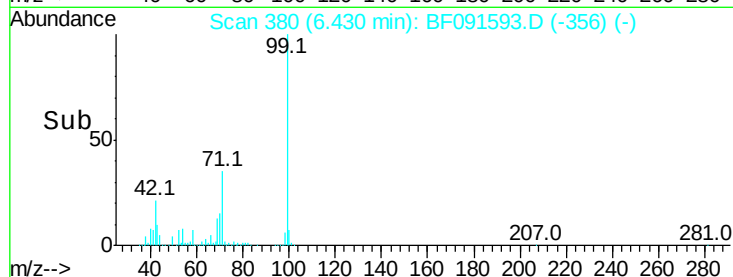
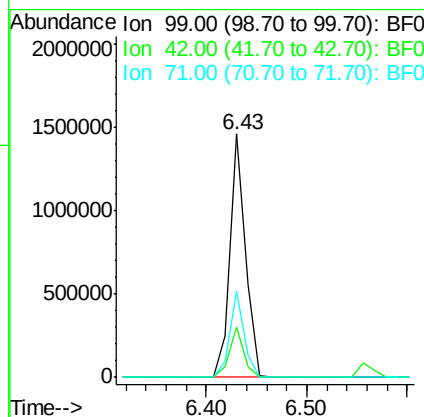
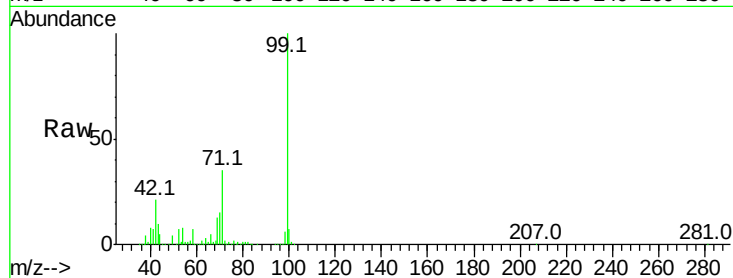
71 35.4 29.9 44.9

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#10

Phenol

Concen: 2.59 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.02 min

Lab File: BF091593.D

Acq: 14 Dec 2016 19:23

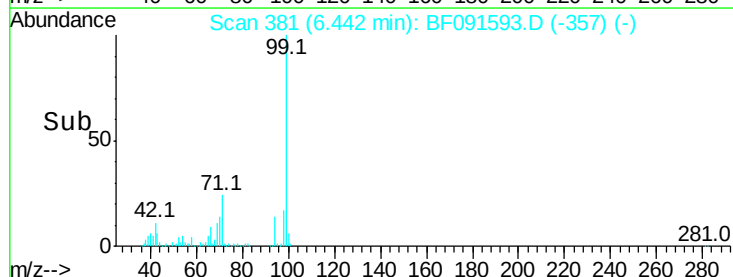
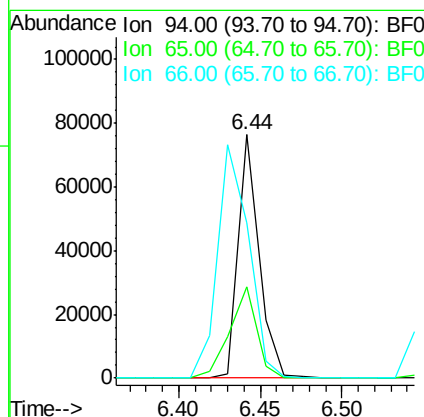
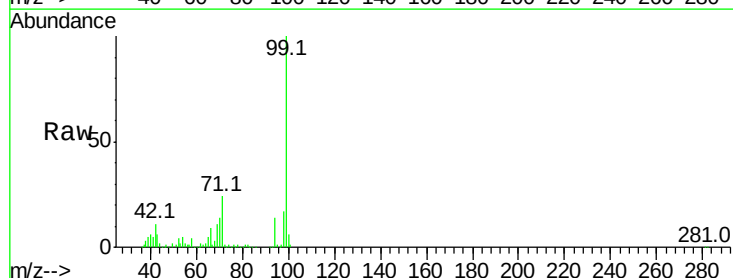
Tgt Ion: 94 Resp: 66696

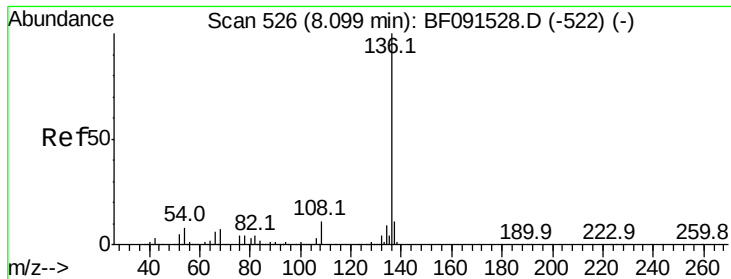
Ion Ratio Lower Upper

94 100

65 37.6 16.9 56.9

66 64.0 30.6 70.6





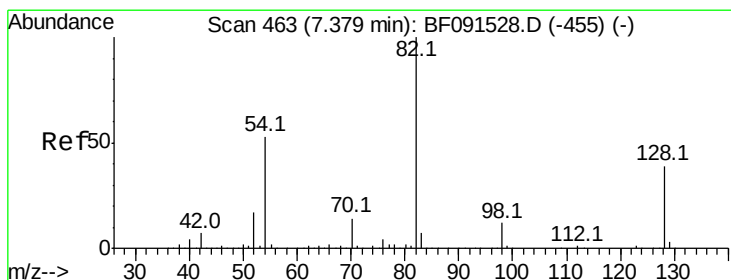
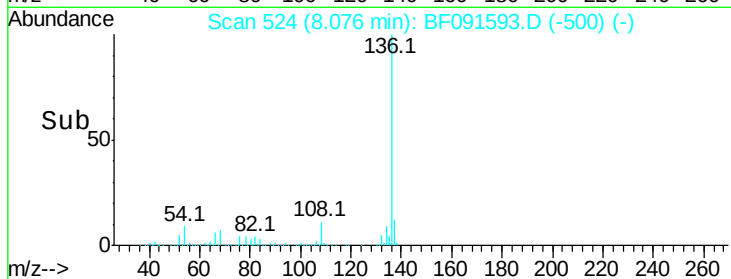
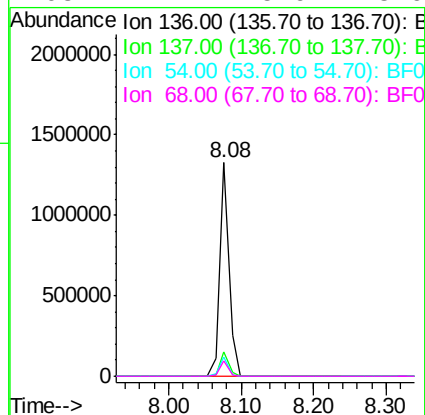
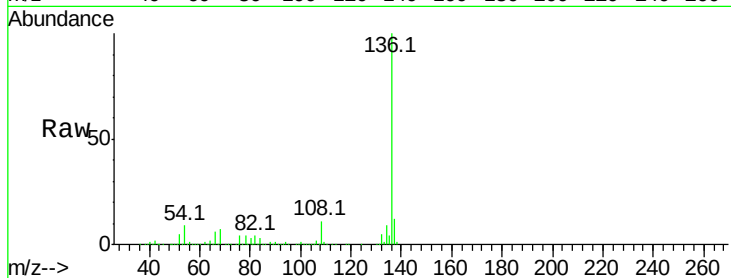
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.02 min
Lab File: BF091593.D
Acq: 14 Dec 2016 19:23

Instrument :
BNA_F
ClientSampleId :
WC-13-5-10

Tot Ion	136	137	54	68
Ratio	100	11.5	9.2	7.2
Lower		9.1	9.1	5.9
Upper		13.7	13.7	8.9

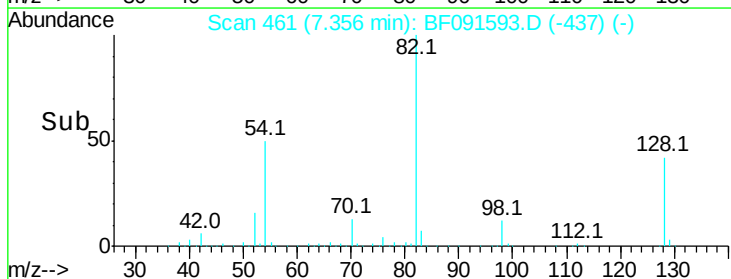
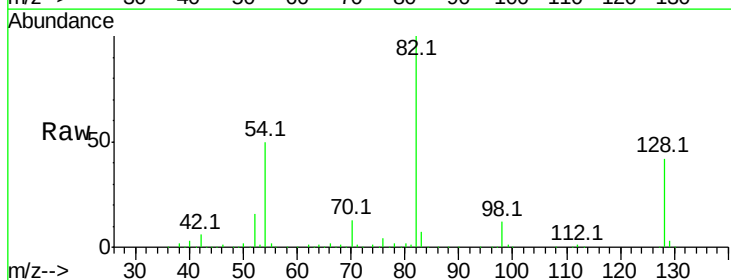
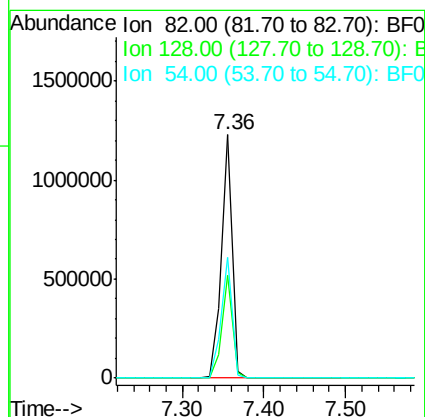
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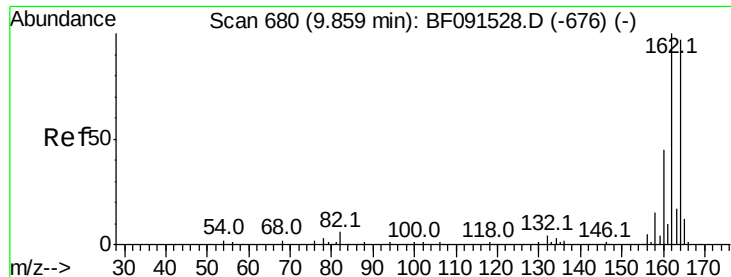
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#23
Nitrobenzene-d5
Concen: 53.61 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.02 min
Lab File: BF091593.D
Acq: 14 Dec 2016 19:23

Tgt Ion	82	128	54
Ratio	100	42.1	49.6
Lower		31.8	49.1
Upper		47.6	73.7





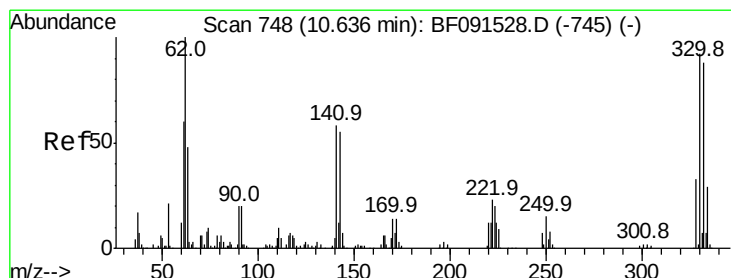
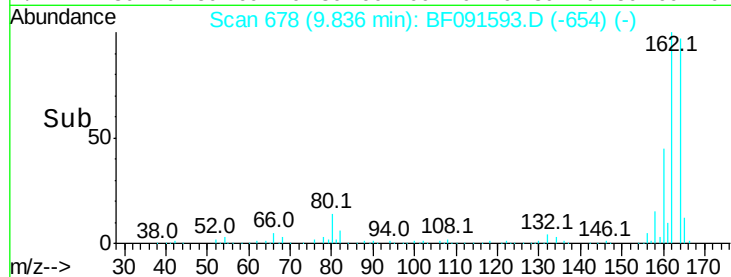
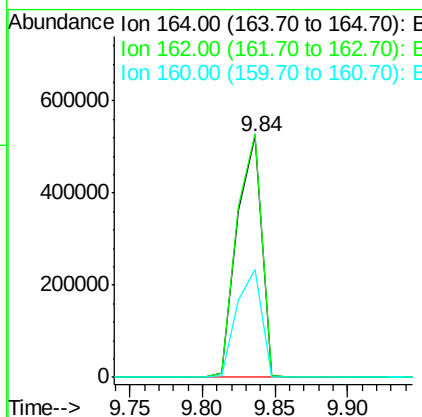
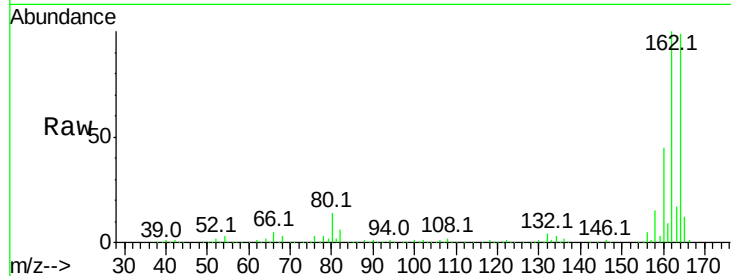
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.02 min
Lab File: BF091593.D
Acq: 14 Dec 2016 19:23

Instrument :
BNA_F
ClientSampleId :
WC-13-5-10

Tot Ion	Ratio	Resp	Lower	Upper
164	100	616539		
162	101.2	82.6	124.0	
160	45.1	36.7	55.1	

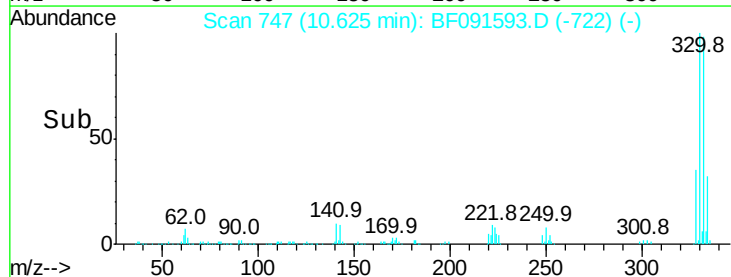
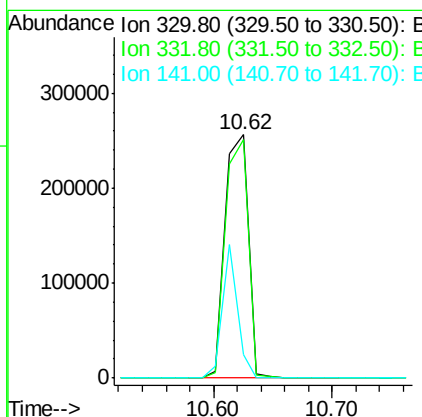
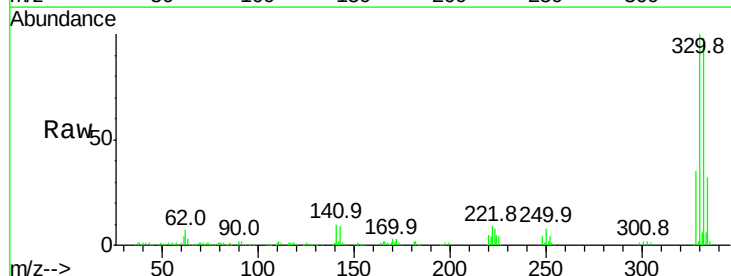
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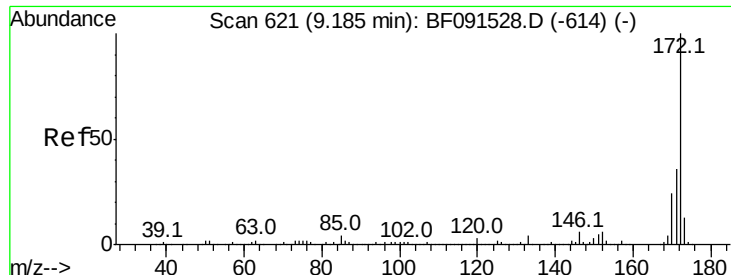
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#41
2,4,6-Tribromophenol
Concen: 67.95 ng
RT: 10.62 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF091593.D
Acq: 14 Dec 2016 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	347983		
332	97.0	76.2	114.4	
141	36.1	33.6	50.4	





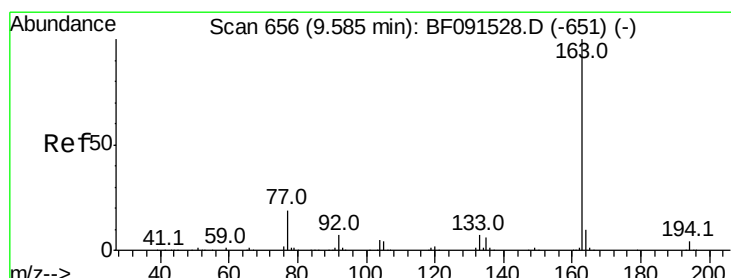
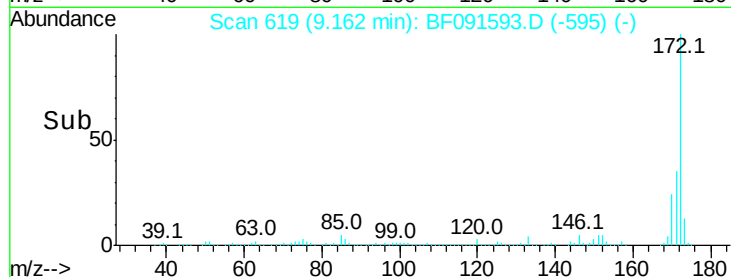
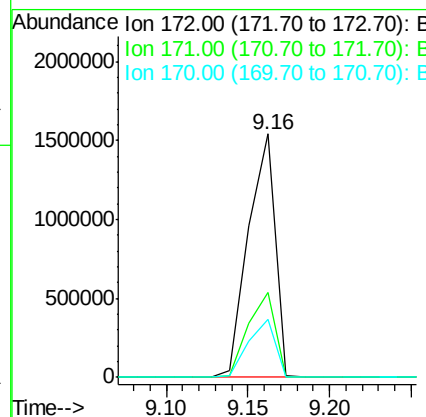
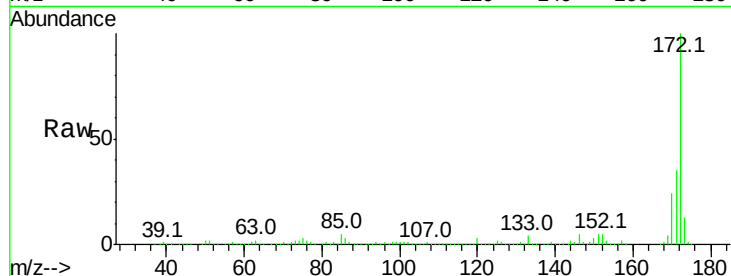
#44
2-Fluorobiphenyl
Concen: 49.10 ng
RT: 9.16 min Scan# 619
Delta R.T. -0.02 min
Lab File: BF091593.D
Acq: 14 Dec 2016 19:23

Instrument :
BNA_F
ClientSampleId :
WC-13-5-10

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.4	44.0
170	23.8	19.7	29.5

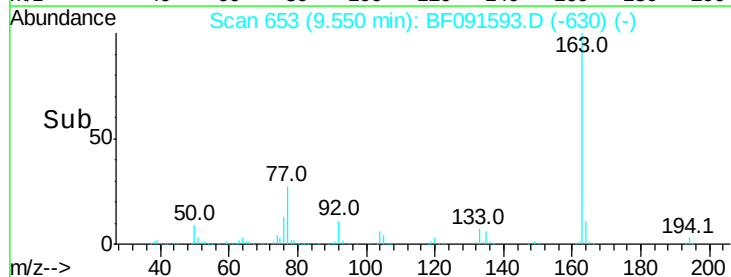
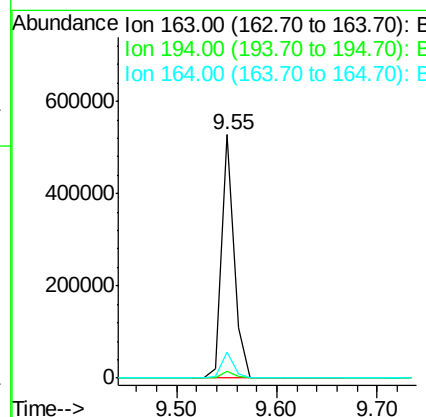
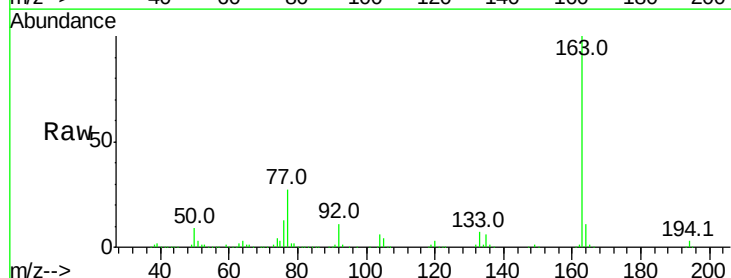
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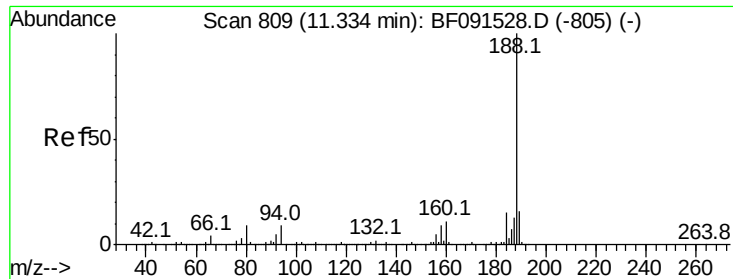
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#49
Dimethylphthalate
Concen: 11.64 ng
RT: 9.55 min Scan# 653
Delta R.T. -0.03 min
Lab File: BF091593.D
Acq: 14 Dec 2016 19:23

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.0	3.0	4.4
164	10.7	7.8	11.8





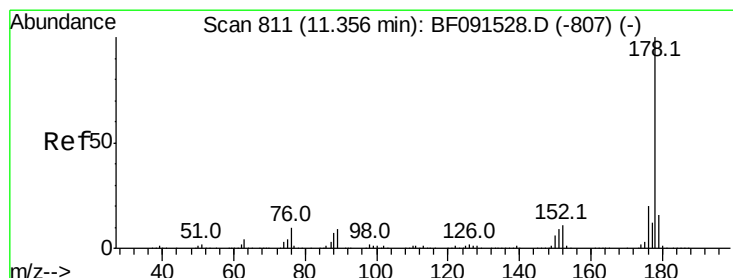
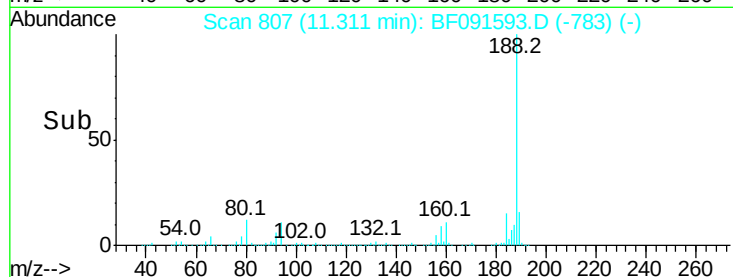
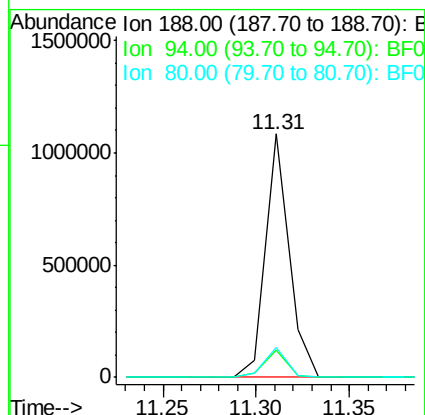
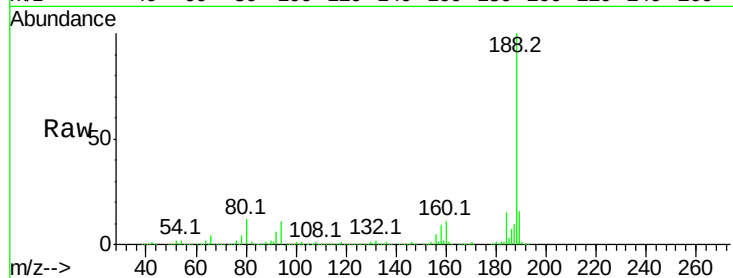
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF091593.D
Acq: 14 Dec 2016 19:23

Instrument :
BNA_F
ClientSampleId :
WC-13-5-10

Tot Ion	Ratio	Resp	Lower	Upper
188	100	945264		
94	11.2	9.2	13.8	
80	12.4	10.5	15.7	

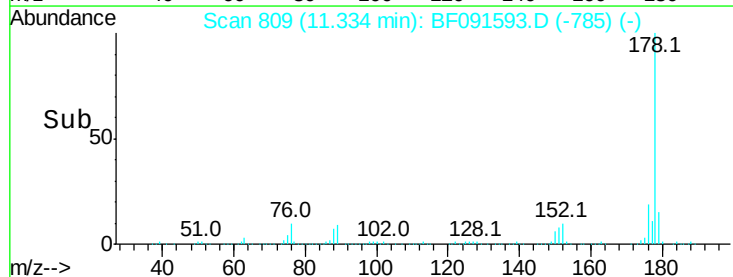
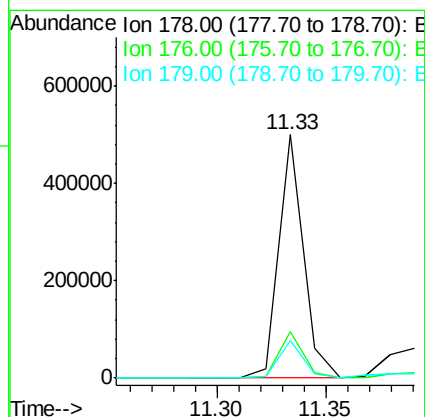
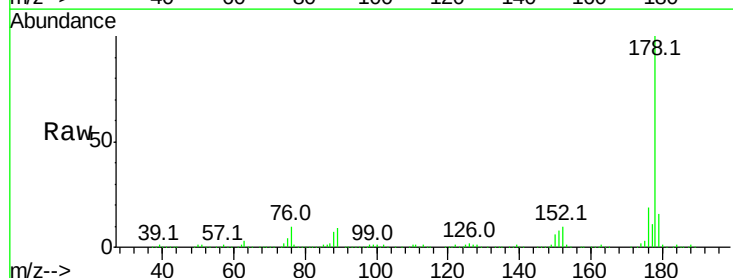
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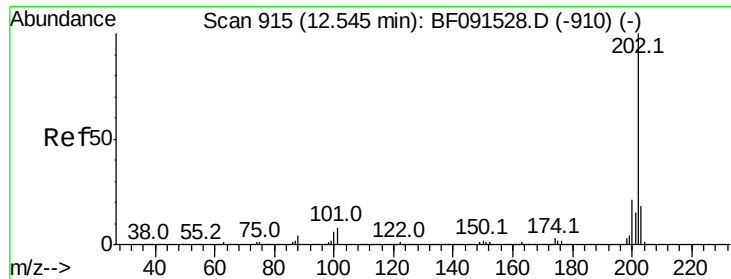
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#70
Phenanthrene
Concen: 8.55 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.02 min
Lab File: BF091593.D
Acq: 14 Dec 2016 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	400138		
176	19.2	15.9	23.9	
179	15.5	12.6	18.8	





#74

Fluoranthene

Concen: 12.54 ng

RT: 12.52 min Scan# 913

Delta R.T. -0.02 min

Lab File: BF091593.D

Acq: 14 Dec 2016 19:23

Instrument :

BNA_F

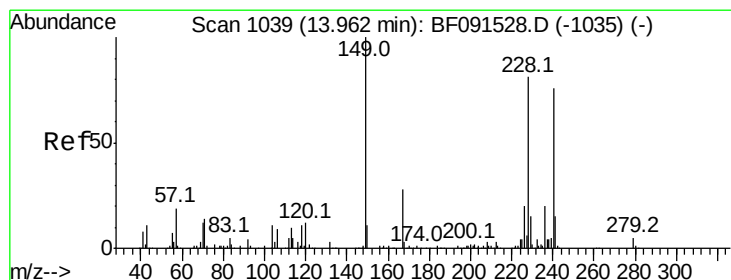
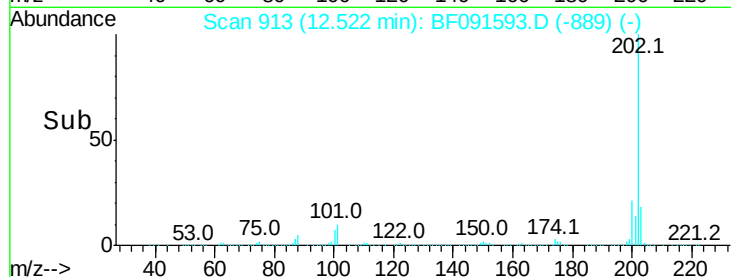
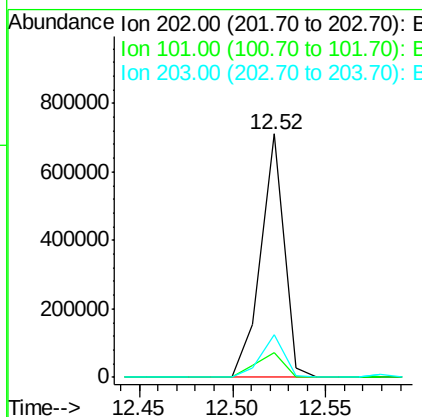
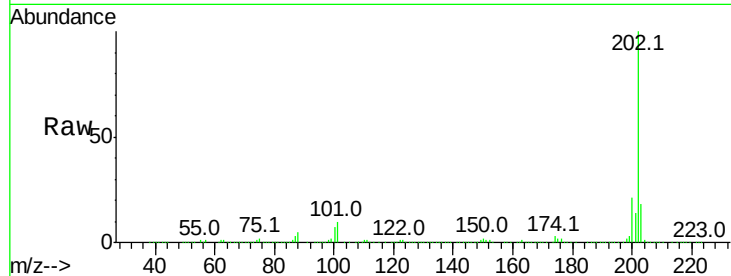
ClientSampleId :

WC-13-5-10

Tot Ion	Ratio	Resp	Lower	Upper
202	100	614578		
101	10.2	0.0	29.5	
203	17.7	0.0	37.8	

Manual Integrations
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#75

Chrysene-d12

Concen: 20.00 ng

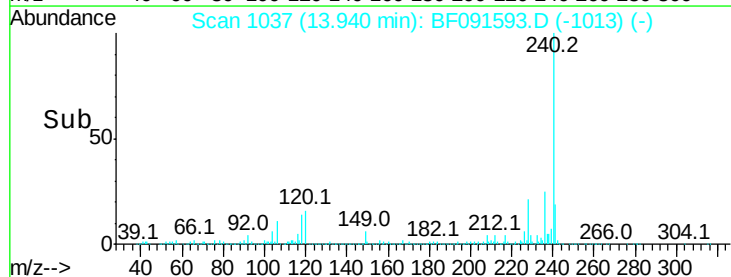
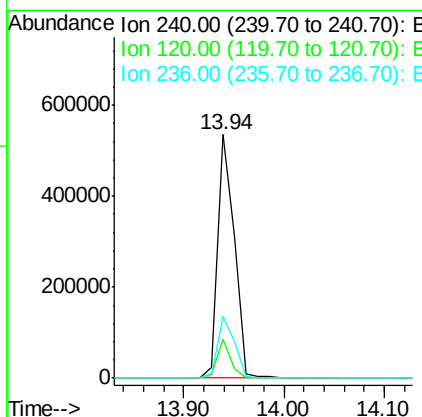
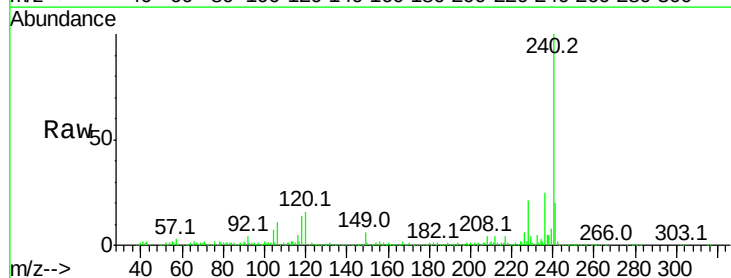
RT: 13.94 min Scan# 1037

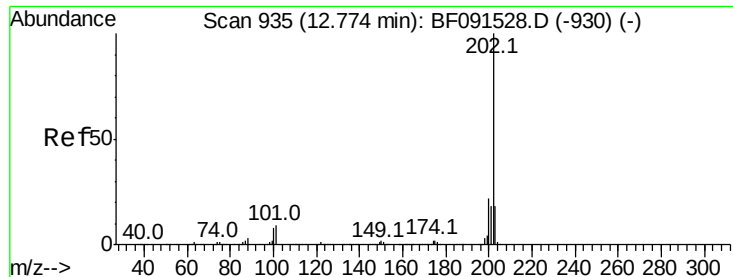
Delta R.T. -0.02 min

Lab File: BF091593.D

Acq: 14 Dec 2016 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	614185		
120	15.7	12.1	18.1	
236	25.4	21.0	31.6	





#77

Pvrene

Concen: 10.04 ng

RT: 12.75 min Scan# 933

Delta R.T. -0.02 min

Lab File: BF091593.D

Acq: 14 Dec 2016 19:23

Instrument :

BNA_F

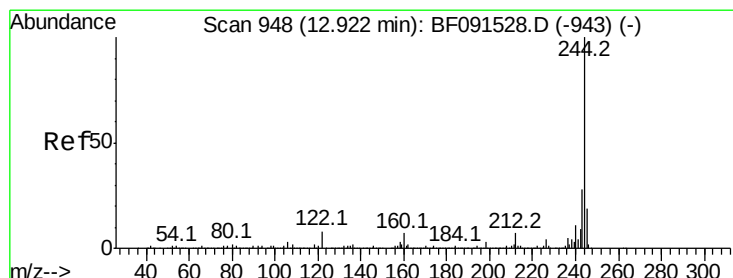
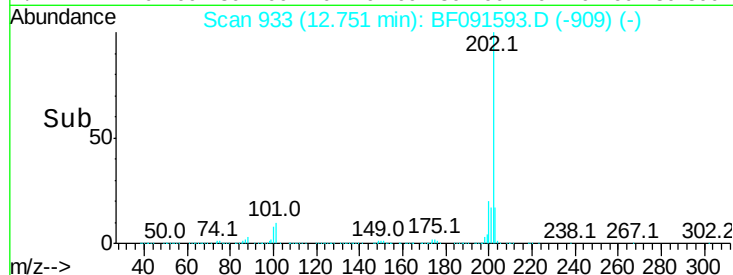
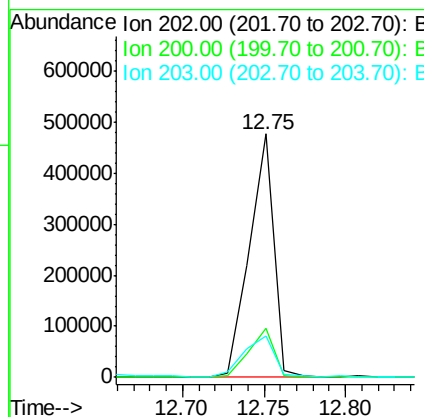
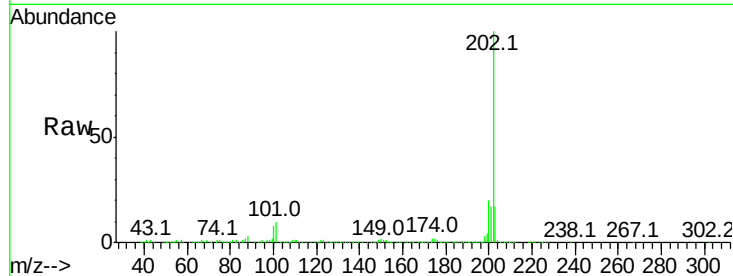
ClientSampleId :

WC-13-5-10

Tot Ion:	202	Resp:	489404
Ion Ratio		Lower	Upper
202	100		
200	20.1	17.6	26.4
203	17.2	14.0	21.0

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12/15/2016 5:40:05 PM



#78

Terphenyl-d14

Concen: 49.86 ng

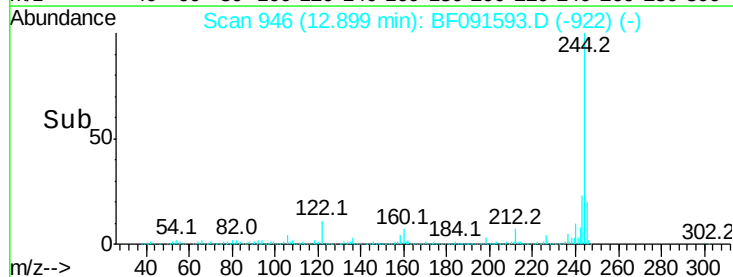
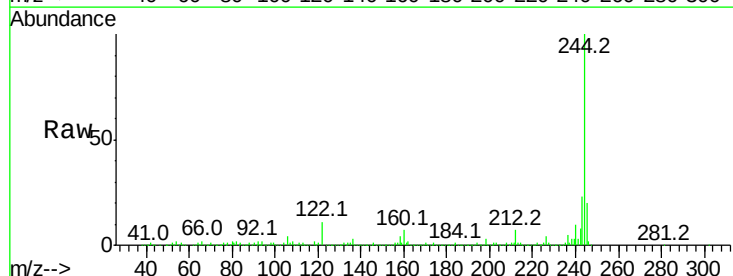
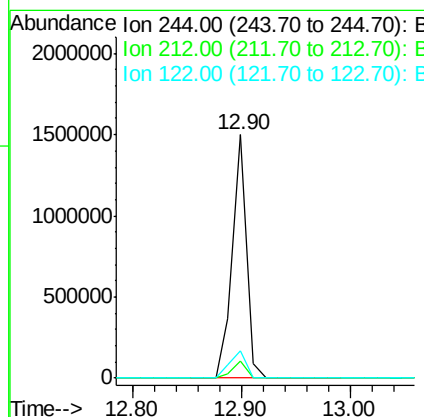
RT: 12.90 min Scan# 946

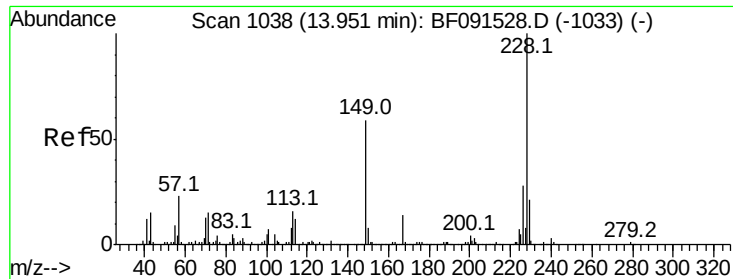
Delta R.T. -0.02 min

Lab File: BF091593.D

Acq: 14 Dec 2016 19:23

Tgt Ion:	244	Resp:	1349544
Ion Ratio		Lower	Upper
244	100		
212	7.1	6.5	9.7
122	11.1	9.5	14.3





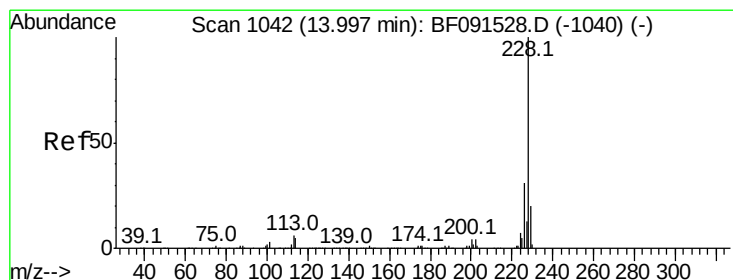
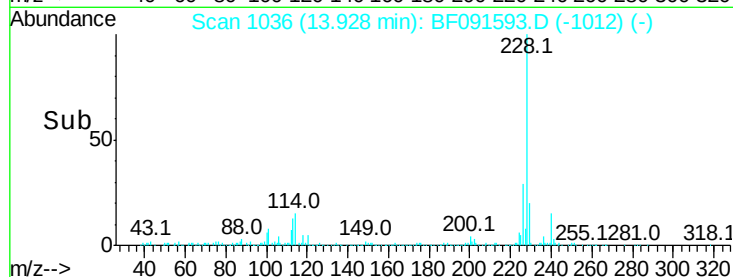
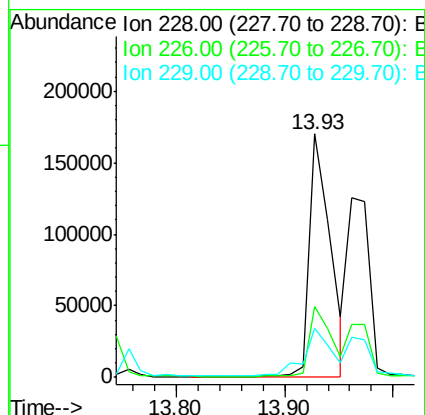
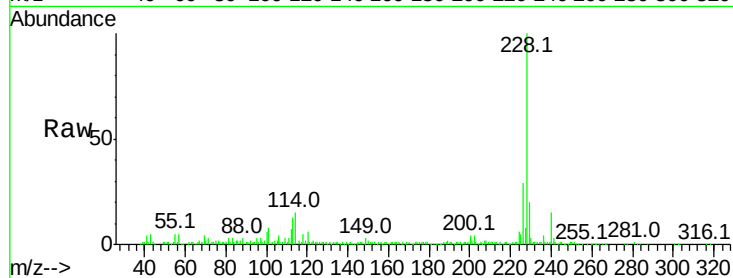
#80
Benzo(a)anthracene
Concen: 6.40 ng
RT: 13.93 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF091593.D
Acq: 14 Dec 2016 19:23

Instrument :
BNA_F
ClientSampleId :
WC-13-5-10

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.5	33.7
229	20.0	16.4	24.6

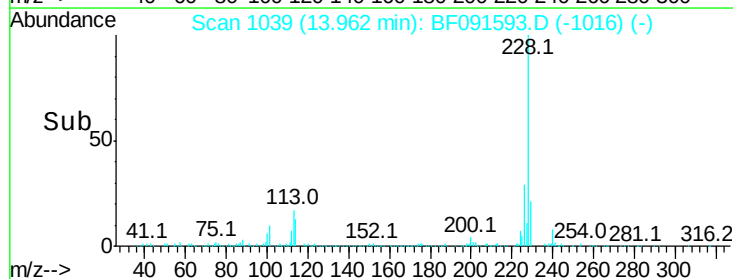
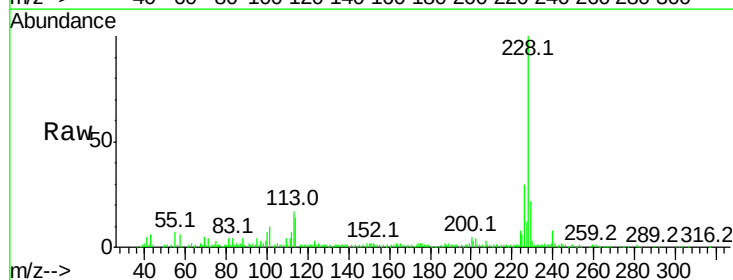
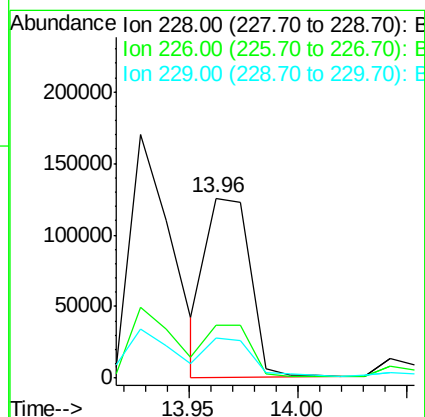
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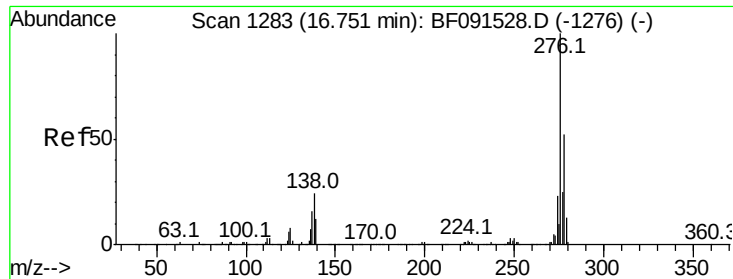
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#82
Chrysene
Concen: 4.72 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.03 min
Lab File: BF091593.D
Acq: 14 Dec 2016 19:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	25.0	37.4
229	22.2	16.0	24.0





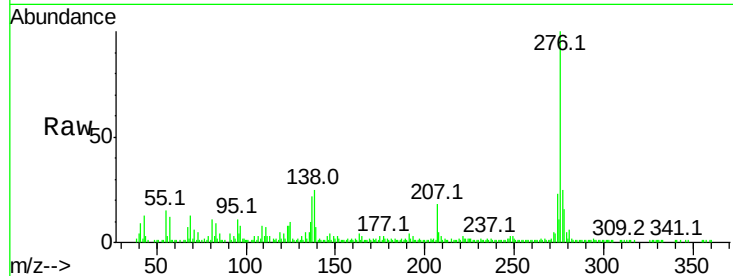
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.55 ng
RT: 16.71 min Scan# 1279
Delta R.T. -0.05 min
Lab File: BF091593.D
Acq: 14 Dec 2016 19:23

Instrument :
BNA_F
ClientSampleId :
WC-13-5-10

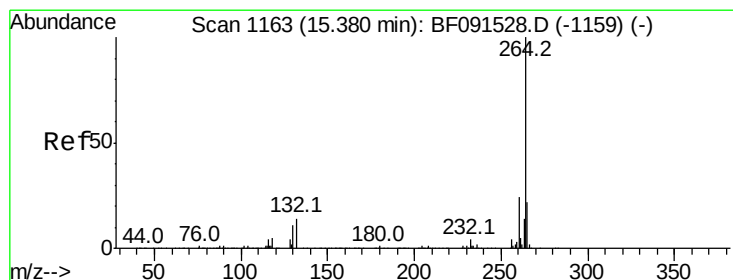
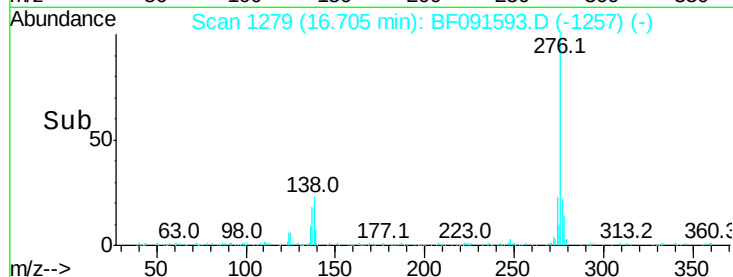
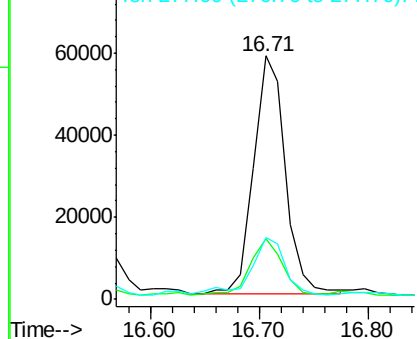
Tot Ion	Ratio	Resp	Lower	Upper
276	100	119218		
138	24.0		21.0	31.4
277	25.7		20.2	30.2

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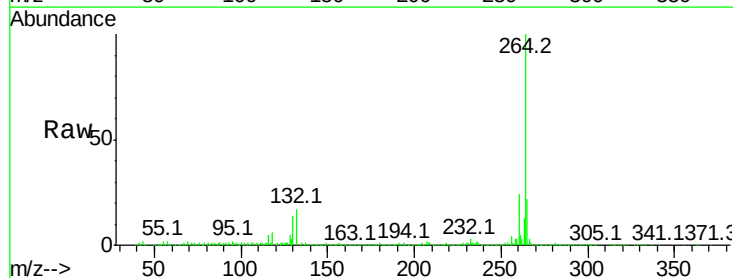


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

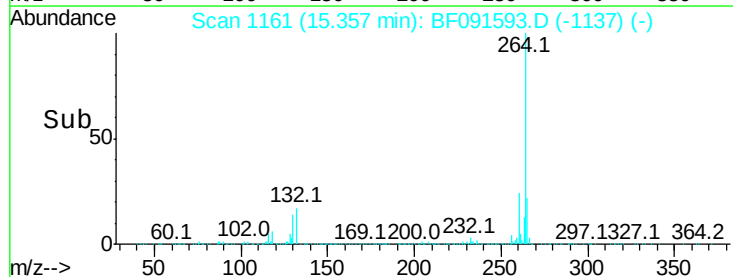
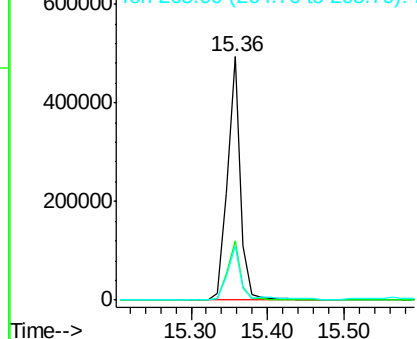


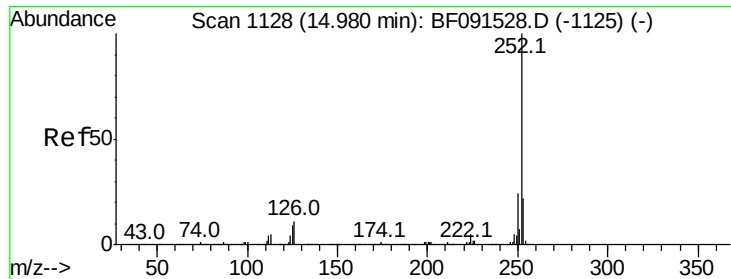
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.02 min
Lab File: BF091593.D
Acq: 14 Dec 2016 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	593078		
260	24.4		18.8	28.2
265	22.0		17.0	25.6



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: 7.11 ng m

RT: 14.96 min Scan# 1126

Delta R.T. -0.02 min

Lab File: BF091593.D

Acq: 14 Dec 2016 19:23

Instrument :

BNA_F

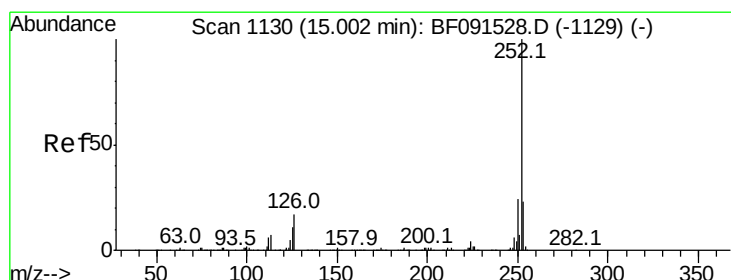
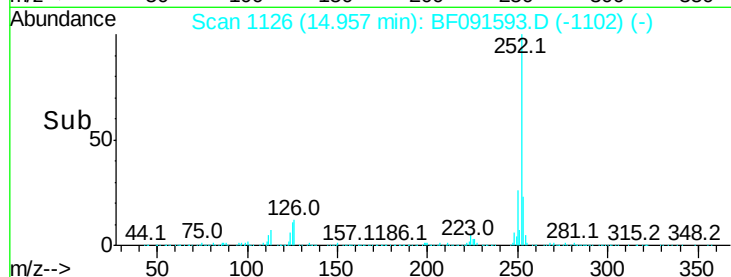
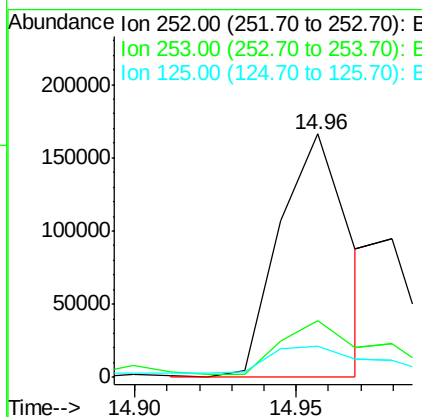
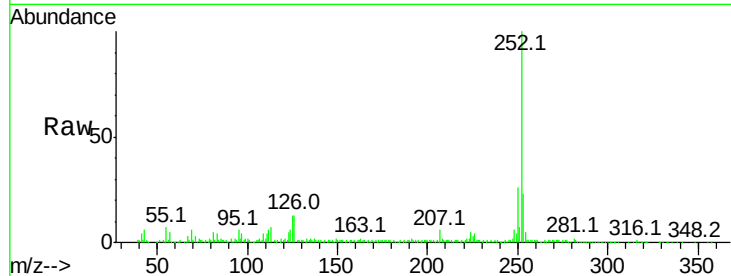
ClientSampleId :

WC-13-5-10

Tot Ion:	252	Resp:	251436
Ion Ratio	Lower	Upper	
252	100		
253	23.3	18.2	27.2
125	13.0	8.6	13.0#

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12/15/2016 5:40:05 PM



#88

Benzo(k)fluoranthene

Concen: 2.70 ng m

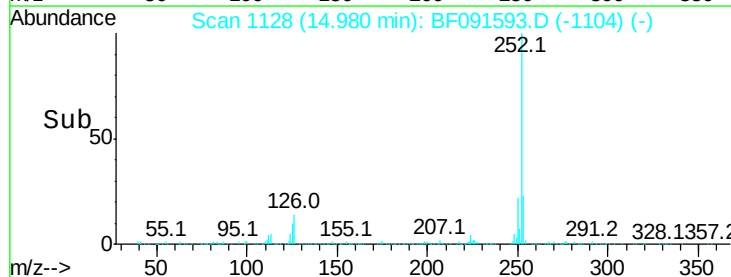
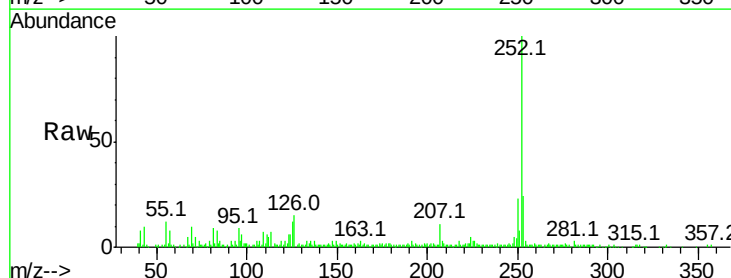
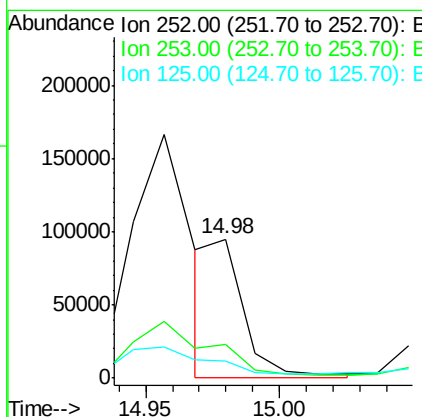
RT: 14.98 min Scan# 1128

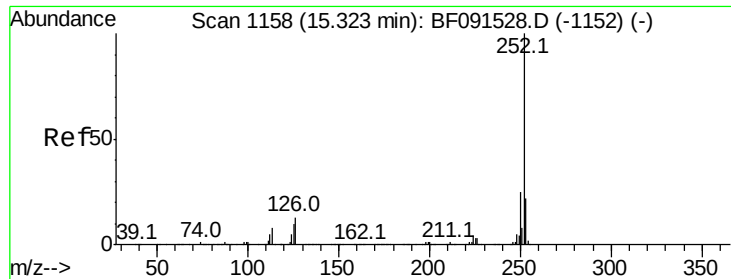
Delta R.T. -0.02 min

Lab File: BF091593.D

Acq: 14 Dec 2016 19:23

Tgt Ion:	252	Resp:	83850
Ion Ratio	Lower	Upper	
252	100		
253	24.1	17.8	26.8
125	12.5	9.6	14.4





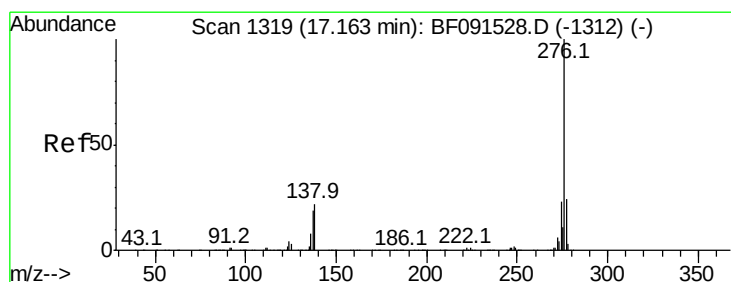
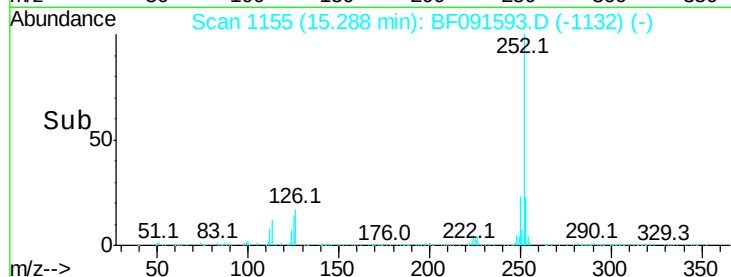
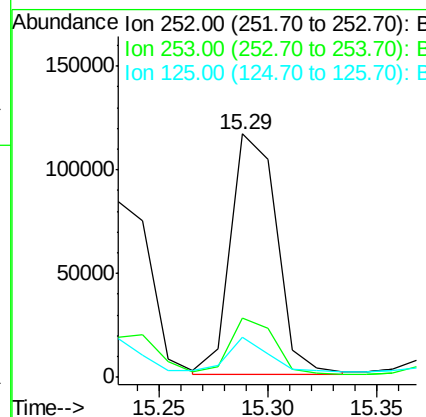
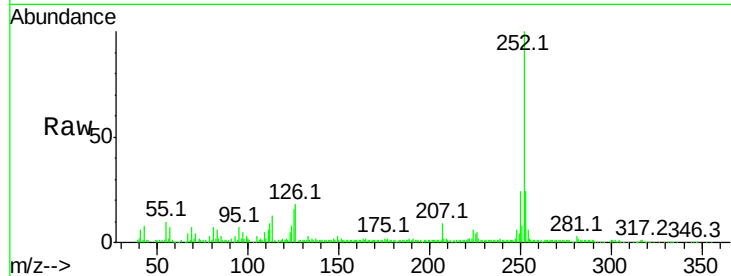
#89
Benzo(a)pyrene
Concen: 5.35 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.03 min
Lab File: BF091593.D
Acq: 14 Dec 2016 19:23

Instrument :
BNA_F
ClientSampleId :
WC-13-5-10

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	24.5	18.2	27.4
125	16.2	10.4	15.6

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12/15/2016 5:40:05 PM



#91
Benzo(g,h,i)perylene
Concen: 4.01 ng
RT: 17.12 min Scan# 1315
Delta R.T. -0.05 min
Lab File: BF091593.D
Acq: 14 Dec 2016 19:23

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
277	22.1	19.0	28.4
138	22.7	15.4	23.0

