

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011217\
 Data File : BF092233.D
 Acq On : 13 Jan 2017 4:18
 Operator : UM/SJ
 Sample : I1131-05
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-002

Manual Integrations
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Sohil
 1/13/2017 11:07:18 AM

Quant Time: Jan 13 07:07:20 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	167566	20.00	ng	-0.05
21) Naphthalene-d8	7.88	136	807376	20.00	ng	-0.06
38) Acenaphthene-d10	9.62	164	309735	20.00	ng	-0.06
63) Phenanthrene-d10	11.10	188	442763	20.00	ng	-0.06
75) Chrysene-d12	13.73	240	309493	20.00	ng	-0.06
86) Perylene-d12	15.09	264	314201	20.00	ng	-0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.20	112	1368413	136.36	ng	-0.03
7) Phenol-d6	6.26	99	1732225	141.38	ng	-0.05
23) Nitrobenzene-d5	7.17	82	1164283	80.19	ng	-0.05
41) 2,4,6-Tribromophenol	10.42	330	381569	148.86	ng	-0.05
44) 2-Fluorobiphenyl	8.96	172	1647233	113.25	ng	-0.05
78) Terphenyl-d14	12.69	244	1168577	91.57	ng	-0.06

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.28	94	36307	2.60	ng	81
49) Dimethylphthalate	9.36	163	400556	20.22	ng	99
70) Phenanthrene	11.13	178	94608	3.94	ng	97
74) Fluoranthene	12.31	202	126645	2.39	ng	96
77) Pyrene	12.54	202	100838	4.44	ng	96
80) Benzo(a)anthracene	13.73	228	49862	2.85	ng	100
82) Chrysene	13.76	228	37165m	2.12	ng	
87) Benzo(b)fluoranthene	14.72	252	49118m	2.51	ng	
89) Benzo(a)pyrene	15.04	252	38685	2.23	ng	96

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

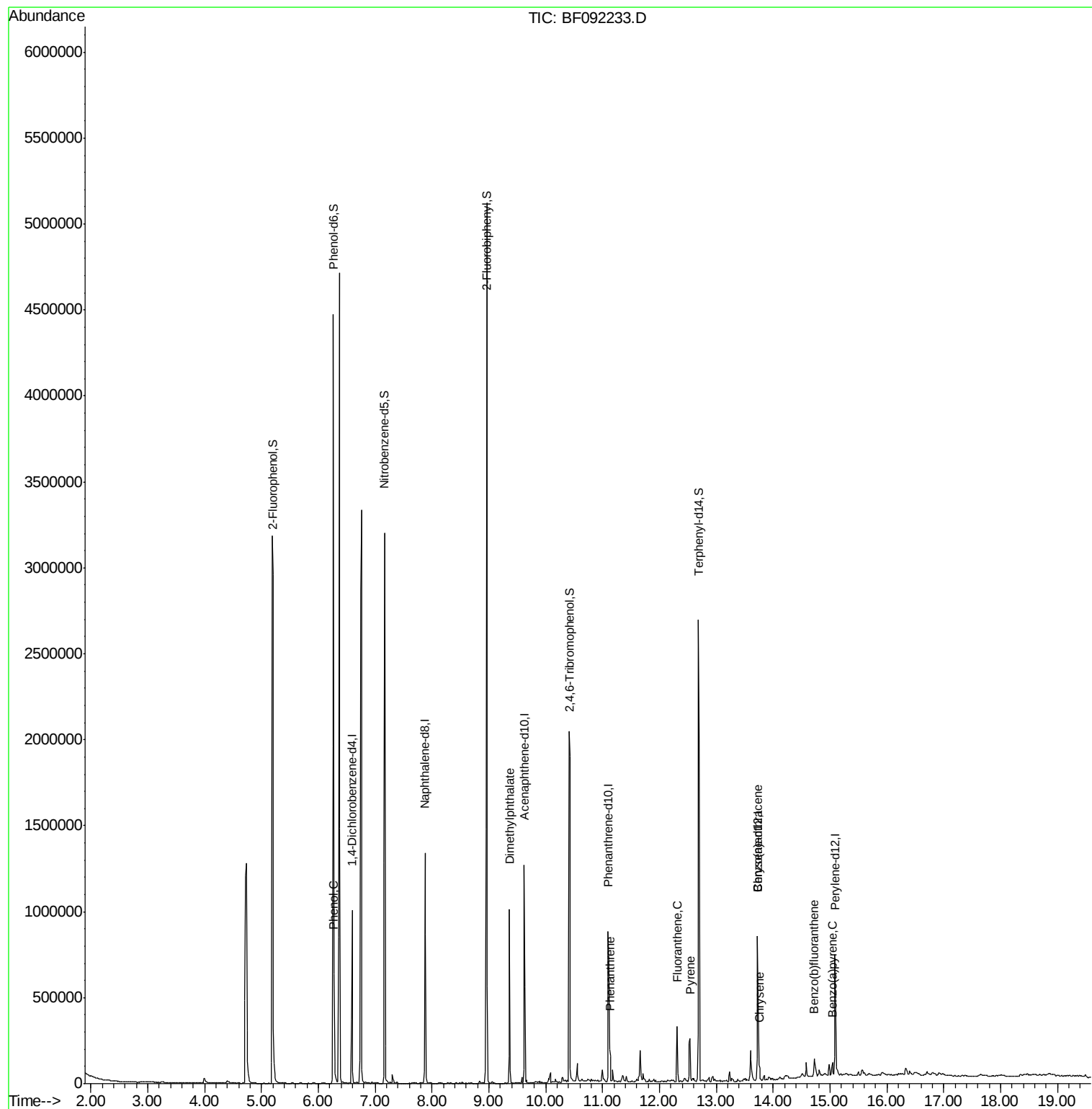
Data Path : Z:\HPCHEM1\BNA F\DATA\BF011217\
Data File : BF092233.D
Acq On : 13 Jan 2017 4:18
Operator : UM/SJ
Sample : I1131-05
Misc :
ALS Vial : 28 Sample Multiplier: 1

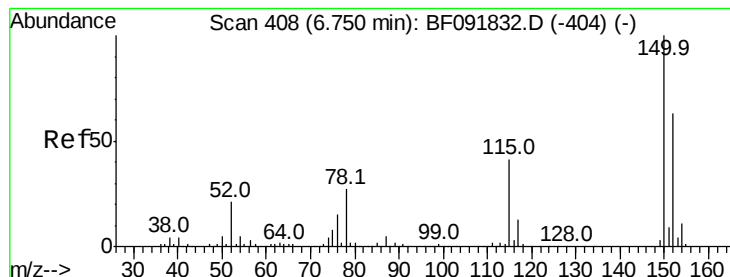
Instrument :
BNA_F
ClientSampleId :
SW-002

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Quant Time: Jan 13 07:07:20 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 412

Delta R.T. -0.05 min

Lab File: BF092233.D

Acq: 13 Jan 2017 4:18

Instrument :

BNA_F

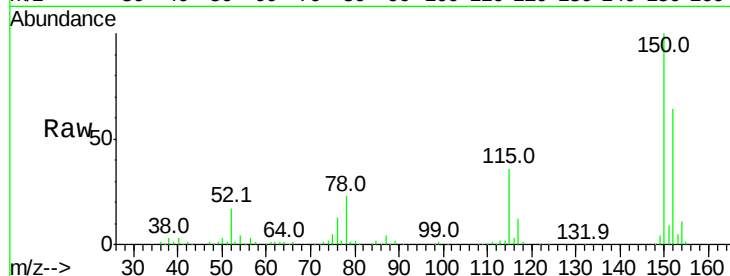
ClientSampled :

SW-002

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.9	187.3
115	56.8	46.0	69.0

Manual Integrations
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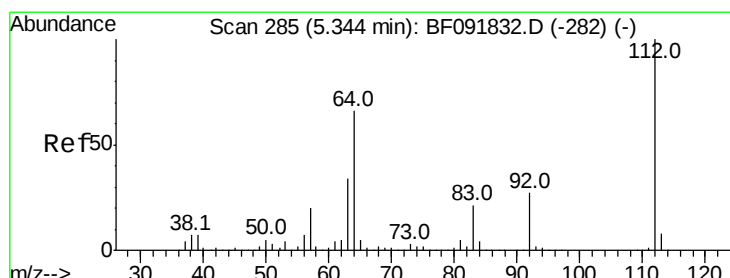
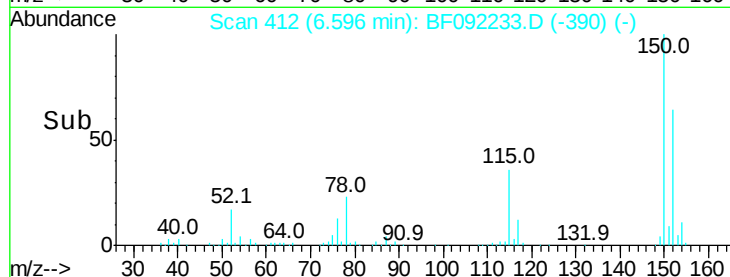
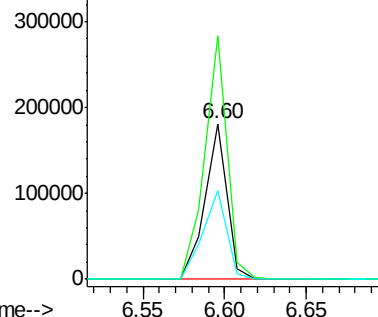
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 136.36 ng

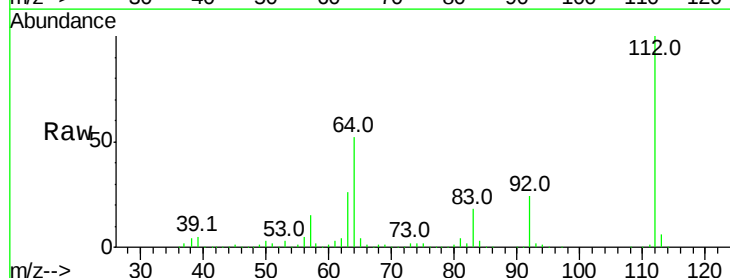
RT: 5.20 min Scan# 290

Delta R.T. -0.03 min

Lab File: BF092233.D

Acq: 13 Jan 2017 4:18

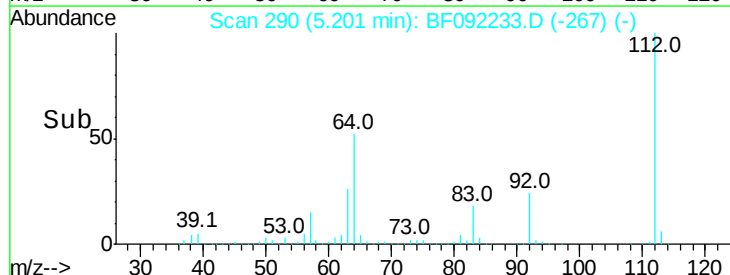
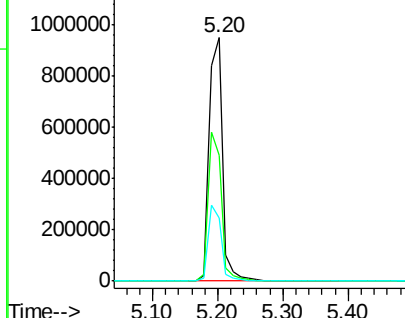
Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.7	46.1	69.1
63	26.0	23.8	35.6

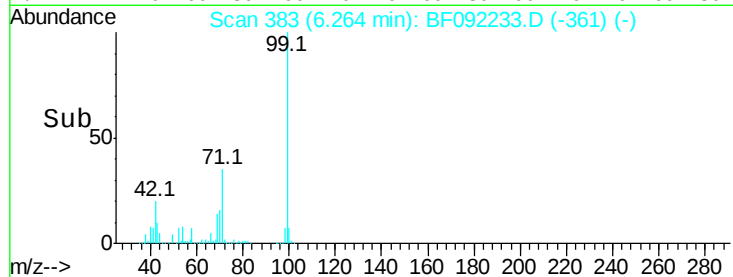
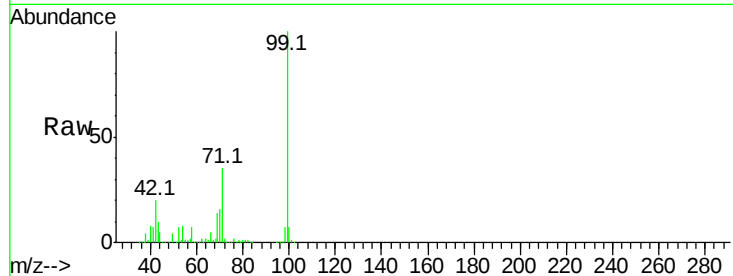
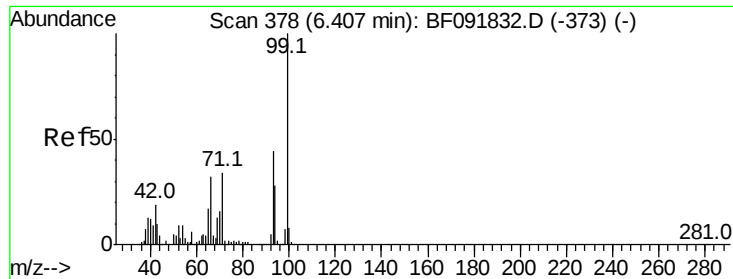


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 141.38 ng

RT: 6.26 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF092233.D

Acq: 13 Jan 2017 4:18

Tot Ion: 99 Resp: 1732225

Ion Ratio Lower Upper

99 100

42 19.8 15.6 23.4

71 34.9 27.5 41.3

Instrument :

BNA_F

ClientSampleId :

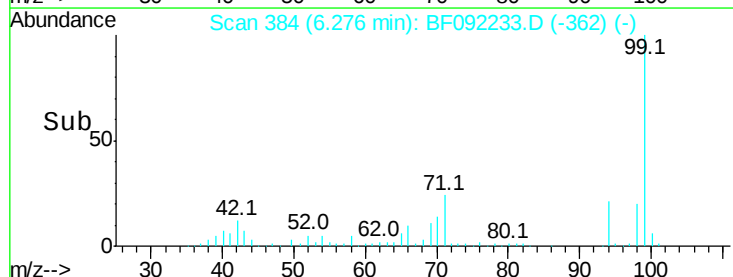
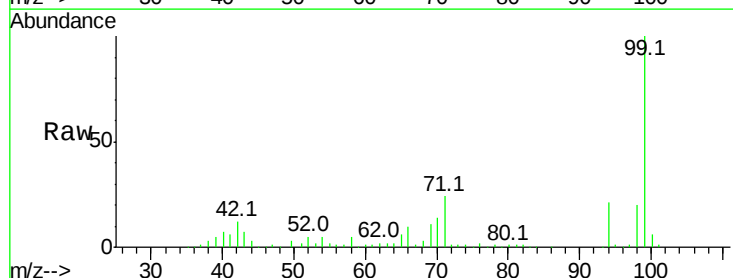
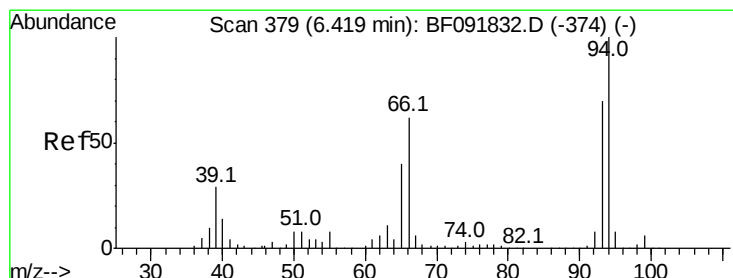
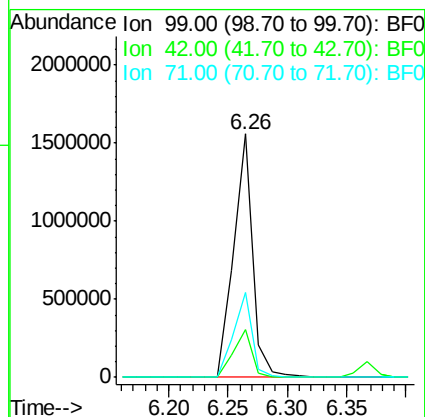
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#10

Phenol

Concen: 2.60 ng

RT: 6.28 min Scan# 384

Delta R.T. -0.05 min

Lab File: BF092233.D

Acq: 13 Jan 2017 4:18

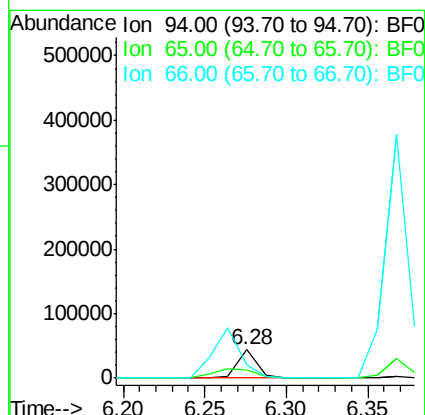
Tgt Ion: 94 Resp: 36307

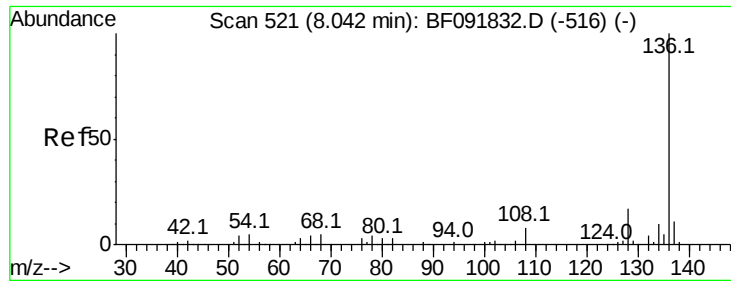
Ion Ratio Lower Upper

94 100

65 30.1 21.4 61.4

66 48.8 44.0 84.0





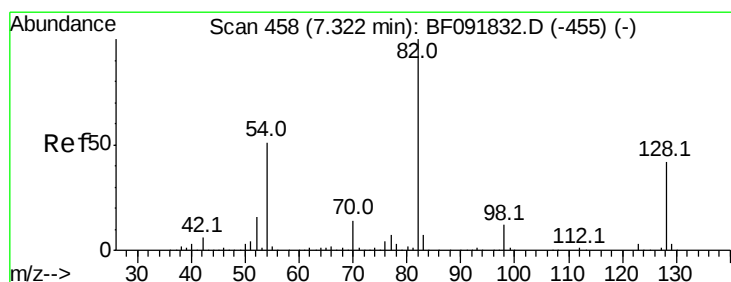
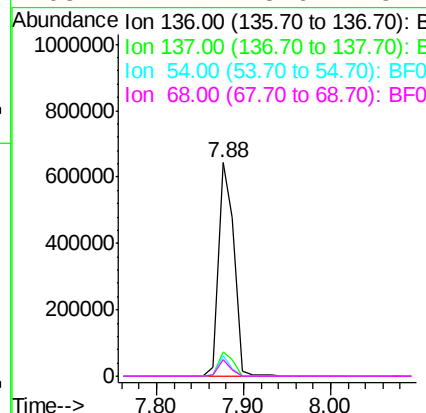
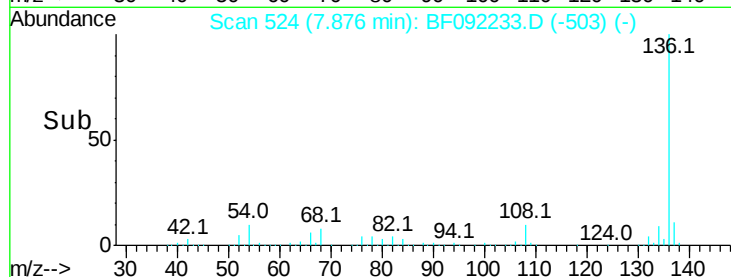
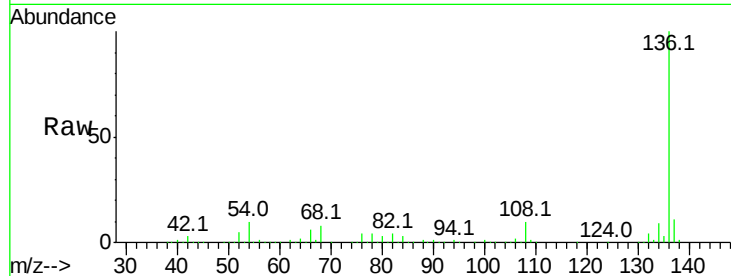
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 524
Delta R.T. -0.06 min
Lab File: BF092233.D
Acq: 13 Jan 2017 4:18

Instrument :
BNA_F
ClientSampled :
SW-002

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.4	8.4	12.6	
54	9.7	4.5	6.7#	
68	7.7	3.6	5.4#	

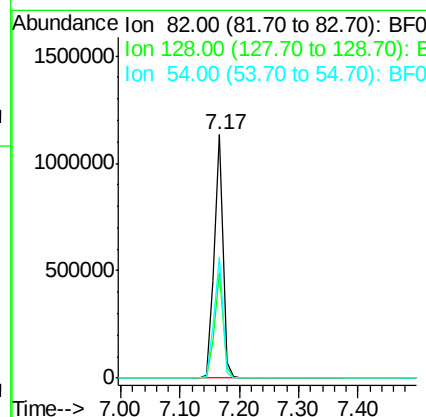
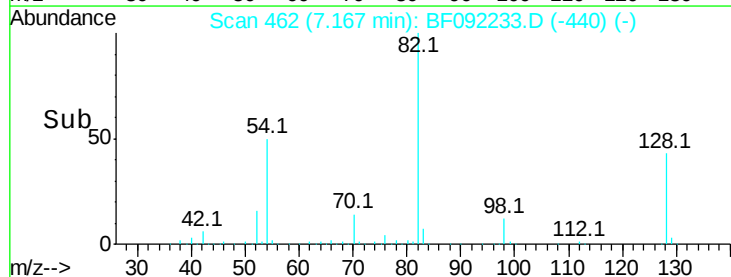
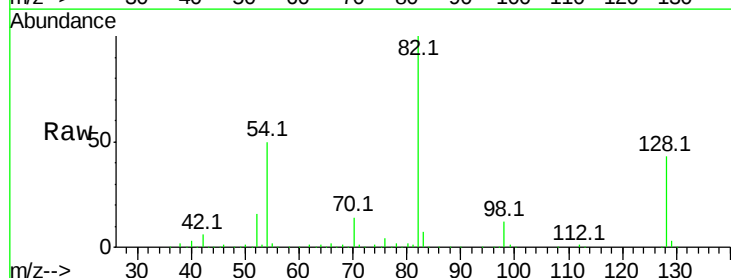
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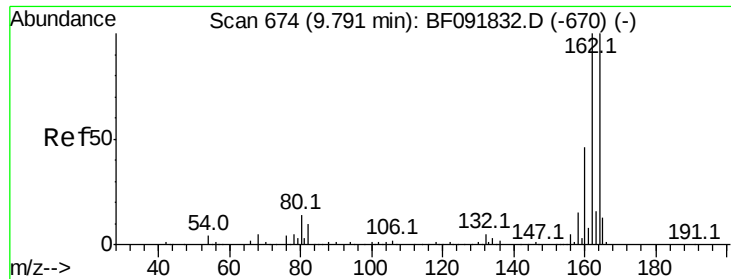
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#23
Nitrobenzene-d5
Concen: 80.19 ng
RT: 7.17 min Scan# 462
Delta R.T. -0.05 min
Lab File: BF092233.D
Acq: 13 Jan 2017 4:18

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.1	34.6	52.0	
54	49.5	39.5	59.3	





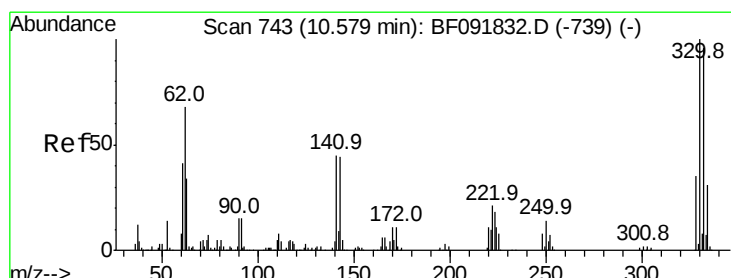
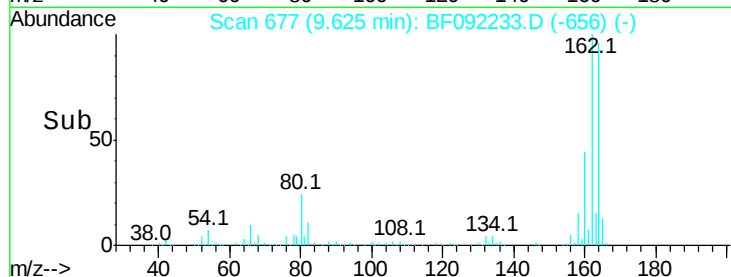
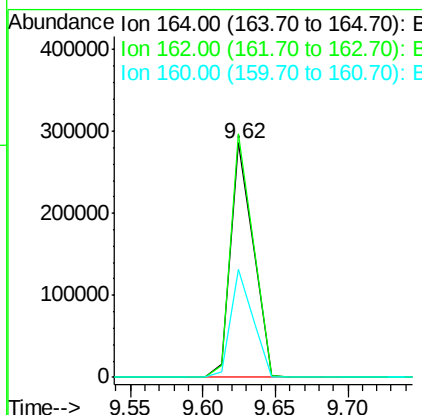
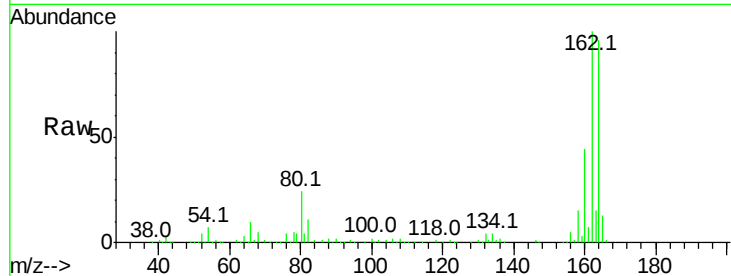
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 677
Delta R.T. -0.06 min
Lab File: BF092233.D
Acq: 13 Jan 2017 4:18

Instrument :
BNA_F
ClientSampleId :
SW-002

Tot Ion	Ratio	Resp	Lower	Upper
164	100	309735		
162	103.9	80.2	120.2	
160	46.2	36.9	55.3	

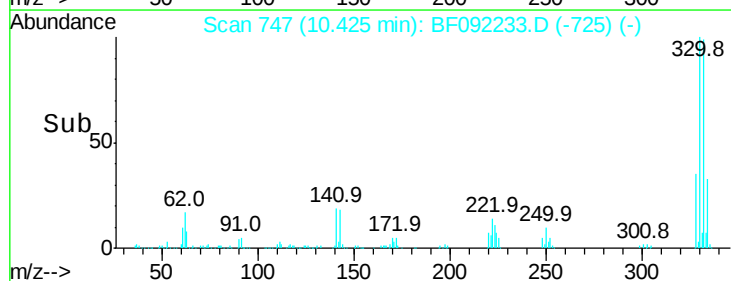
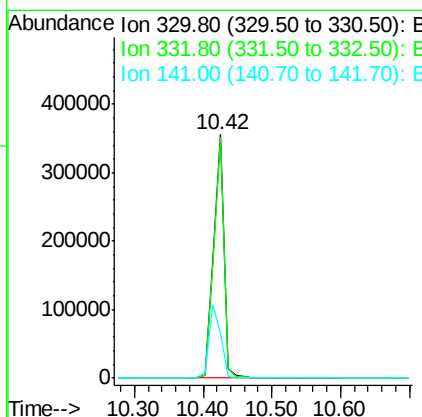
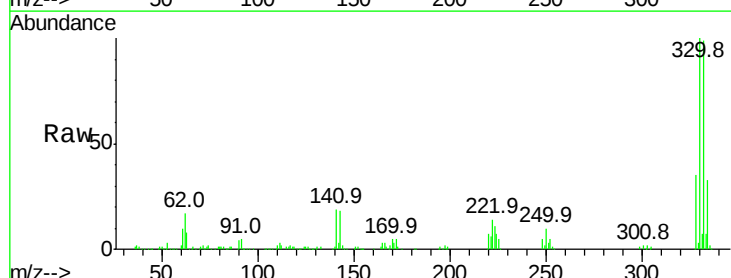
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#41
2,4,6-Tribromophenol
Concen: 148.86 ng
RT: 10.42 min Scan# 747
Delta R.T. -0.05 min
Lab File: BF092233.D
Acq: 13 Jan 2017 4:18

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	381569		
332	98.1	77.4	116.2	
141	33.8	34.1	51.1#	





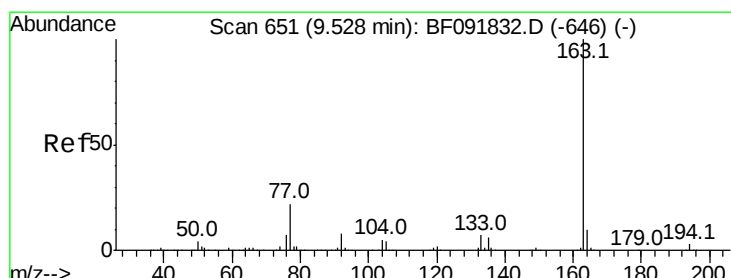
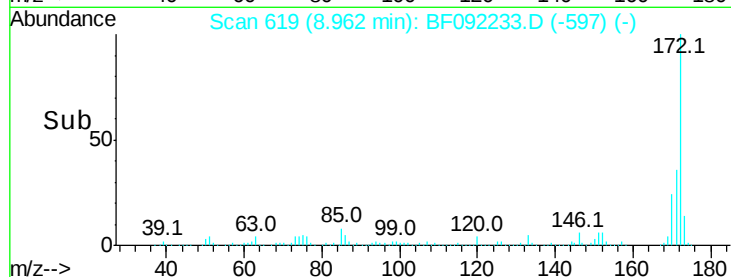
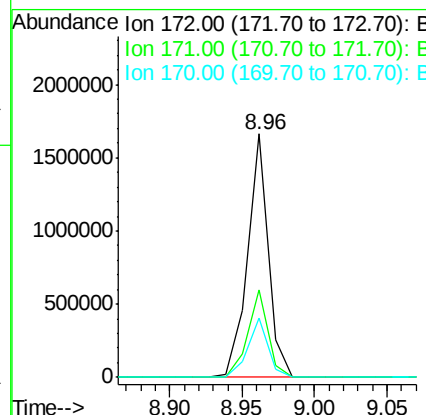
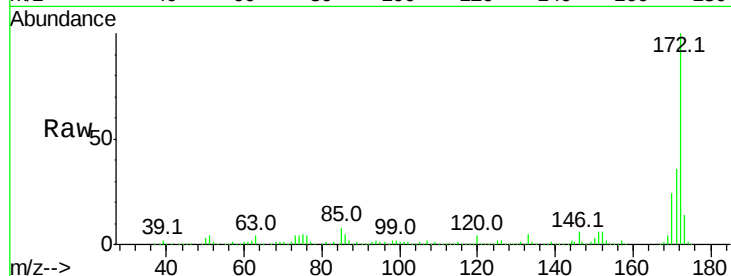
#44
2-Fluorobiphenyl
Concen: 113.25 ng
RT: 8.96 min Scan# 619
Delta R.T. -0.05 min
Lab File: BF092233.D
Acq: 13 Jan 2017 4:18

Instrument :
BNA_F
ClientSampleId :
SW-002

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.4	44.0
170	24.5	20.2	30.4

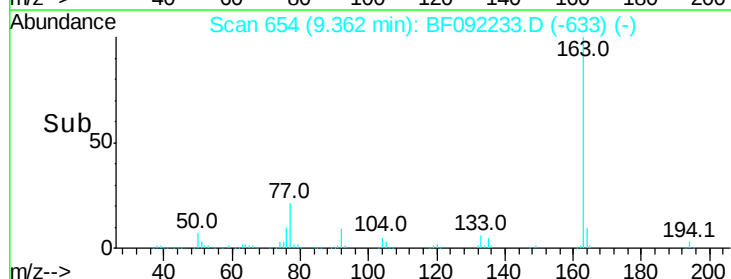
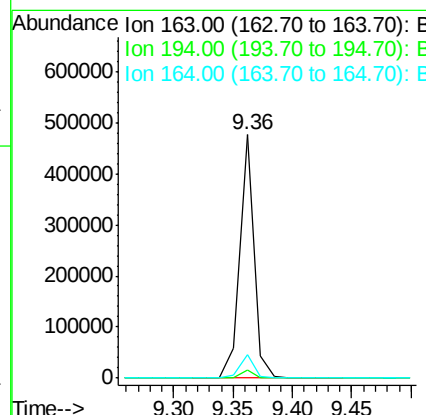
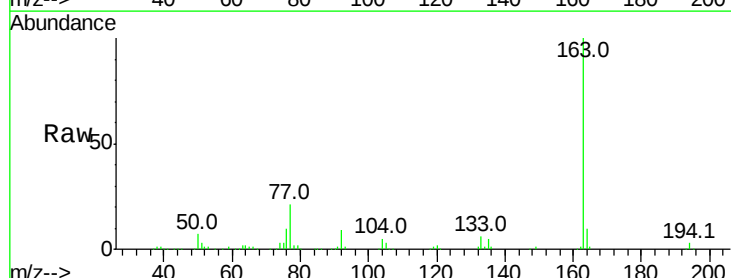
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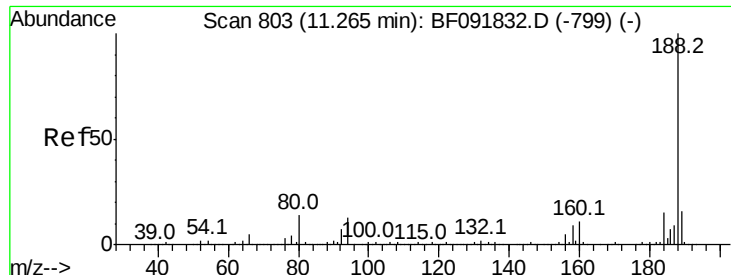
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#49
Dimethylphthalate
Concen: 20.22 ng
RT: 9.36 min Scan# 654
Delta R.T. -0.06 min
Lab File: BF092233.D
Acq: 13 Jan 2017 4:18

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.0	4.4
164	9.8	8.0	12.0





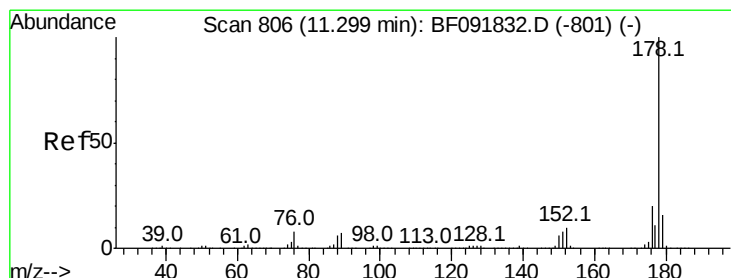
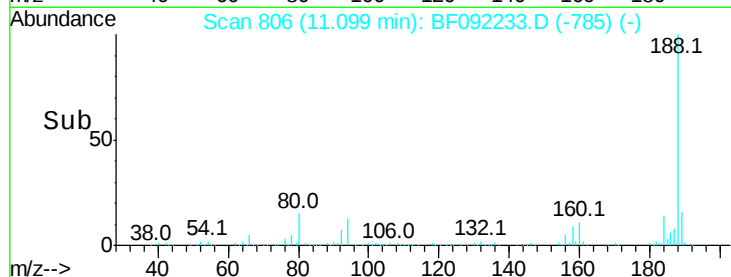
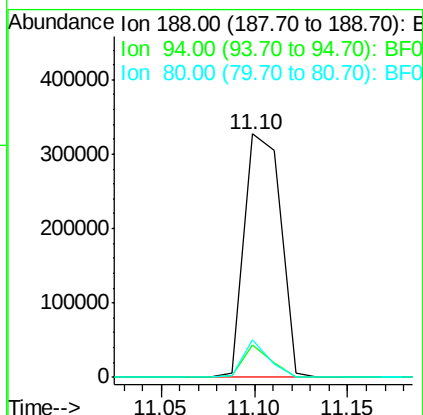
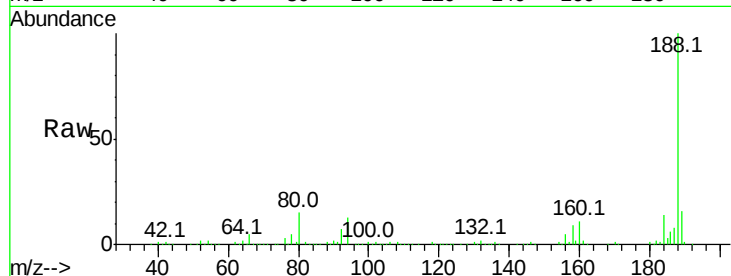
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 806
Delta R.T. -0.06 min
Lab File: BF092233.D
Acq: 13 Jan 2017 4:18

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
188	100	442763		
94	13.4	10.0	15.0	
80	15.4	11.2	16.8	

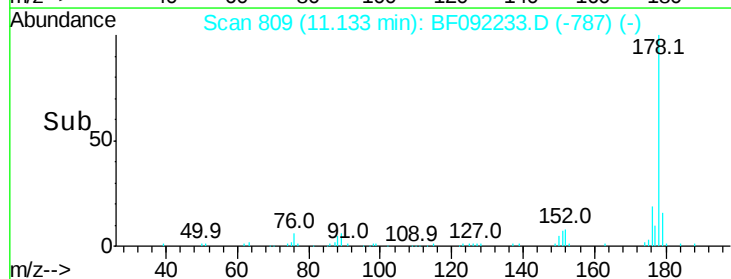
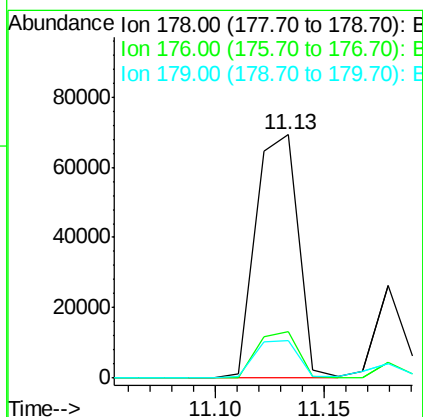
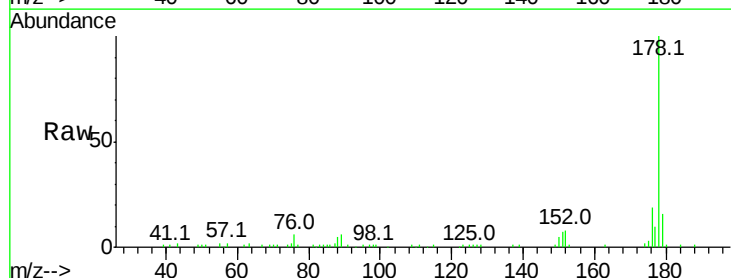
Manual Integrations
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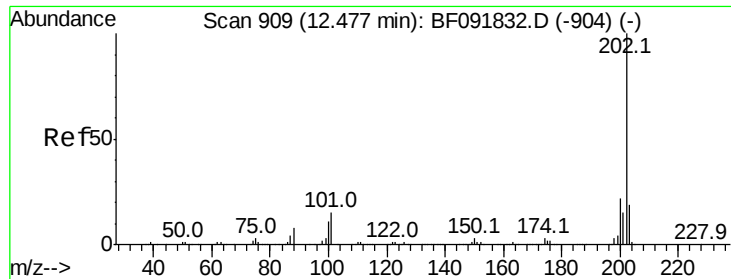
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#70
Phenanthrene
Concen: 3.94 ng
RT: 11.13 min Scan# 809
Delta R.T. -0.05 min
Lab File: BF092233.D
Acq: 13 Jan 2017 4:18

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	94608		
176	19.1	16.6	25.0	
179	15.5	12.8	19.2	





#74

Fluoranthene

Concen: 2.39 ng

RT: 12.31 min Scan# 912

Delta R.T. -0.06 min

Lab File: BF092233.D

Acq: 13 Jan 2017 4:18

Instrument :

BNA_F

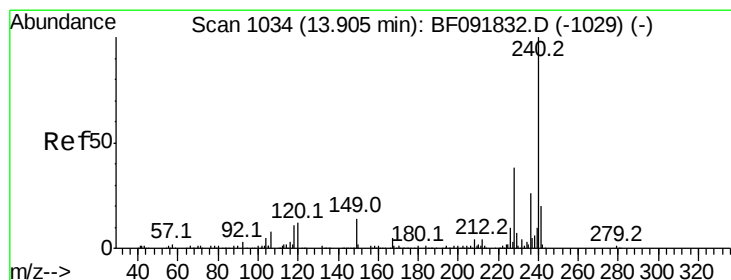
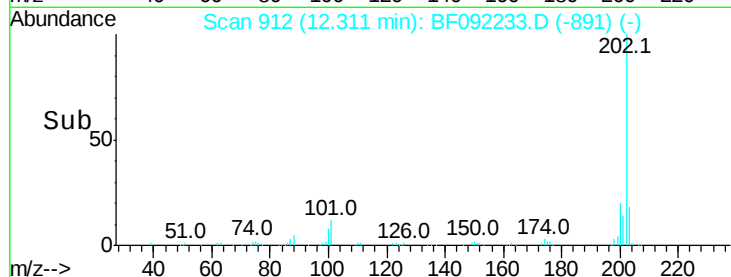
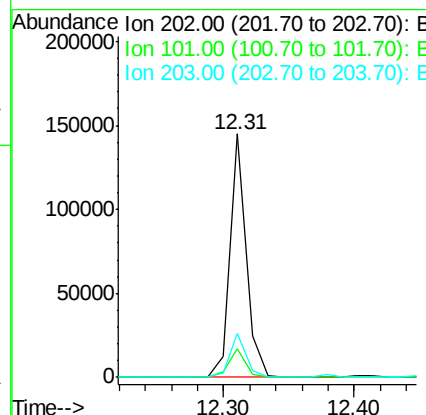
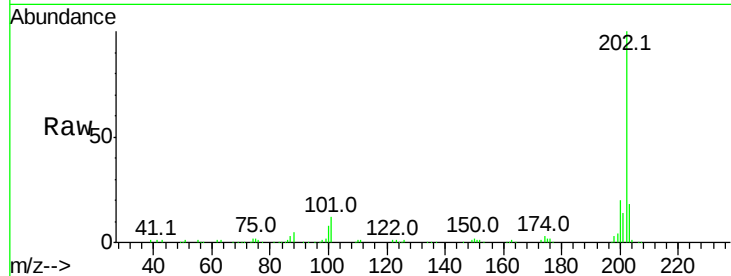
ClientSampleId :

SW-002

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.6	0.0	34.6
203	18.0	0.0	38.7

Manual Integrations
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#75

Chrysene-d12

Concen: 20.00 ng

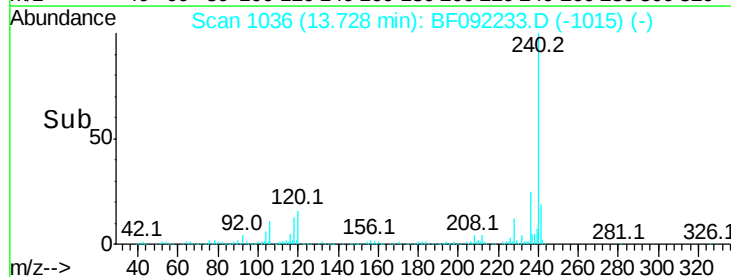
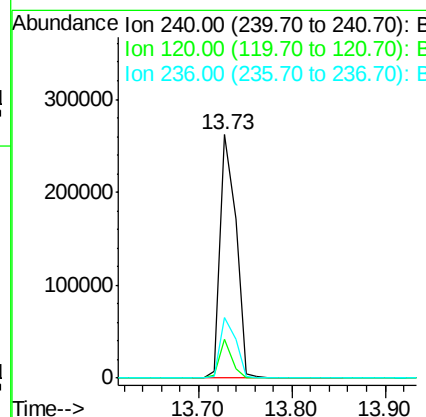
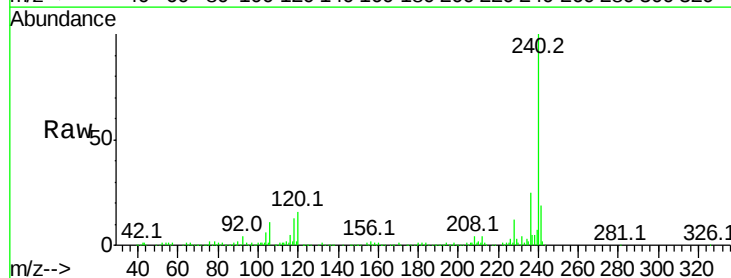
RT: 13.73 min Scan# 1036

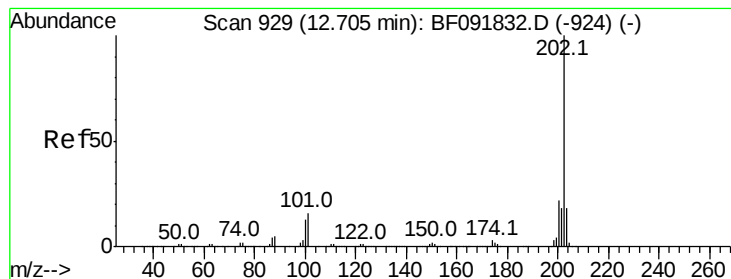
Delta R.T. -0.06 min

Lab File: BF092233.D

Acq: 13 Jan 2017 4:18

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	15.7	12.9	19.3
236	25.1	20.9	31.3





#77

Pvrene

Concen: 4.44 ng

RT: 12.54 min Scan# 932

Delta R.T. -0.05 min

Lab File: BF092233.D

Acq: 13 Jan 2017 4:18

Instrument :

BNA_F

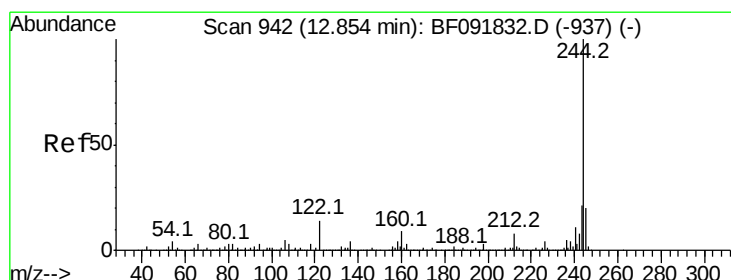
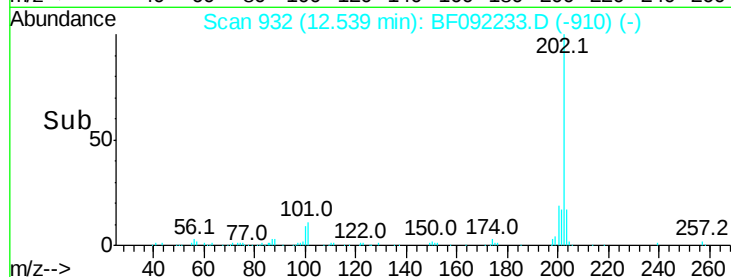
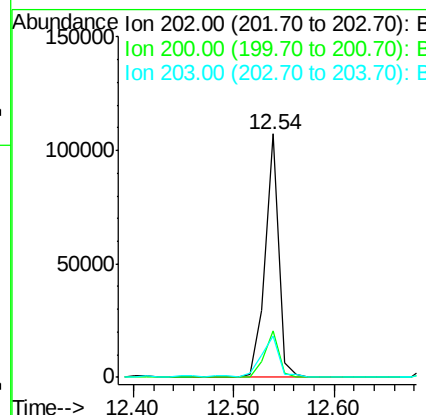
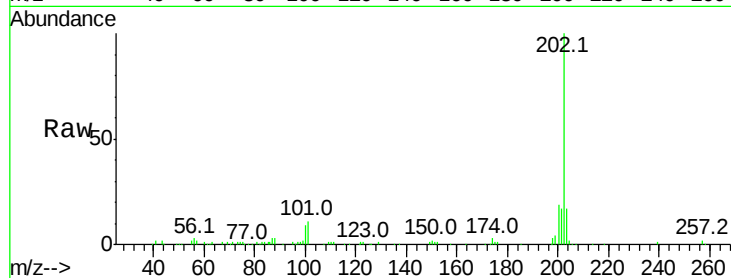
ClientSampled :

SW-002

Tot Ion:	202	Resp:	100838
Ion Ratio		Lower	Upper
202	100		
200	19.3	17.7	26.5
203	17.2	14.7	22.1

Manual Integrations
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#78

Terphenyl-d14

Concen: 91.57 ng

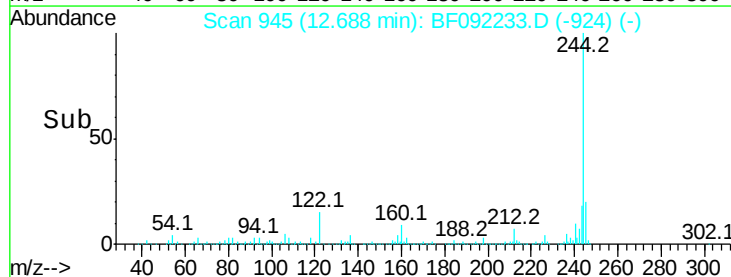
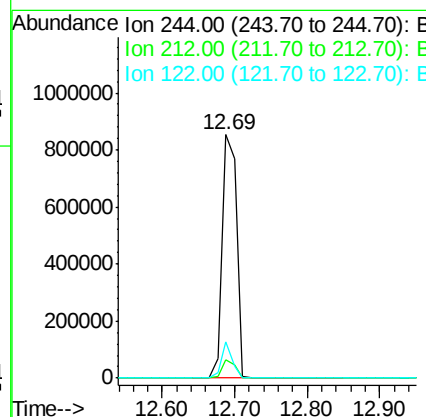
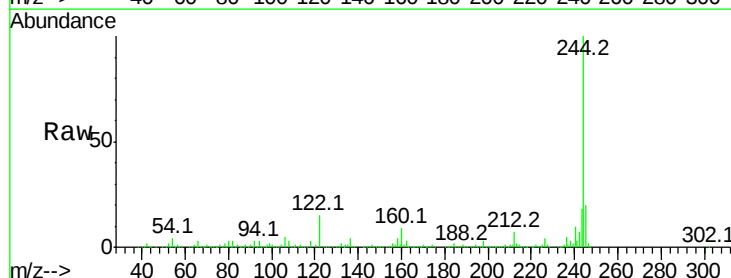
RT: 12.69 min Scan# 945

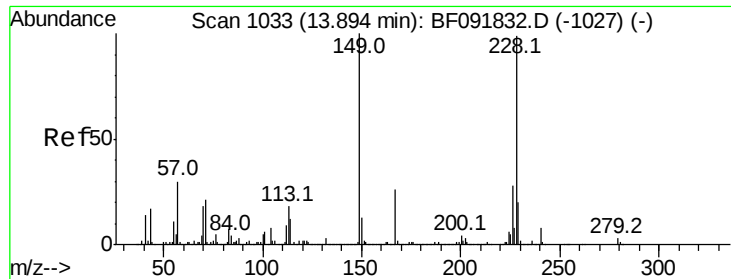
Delta R.T. -0.06 min

Lab File: BF092233.D

Acq: 13 Jan 2017 4:18

Tgt Ion:	244	Resp:	1168577
Ion Ratio		Lower	Upper
244	100		
212	7.3	6.2	9.2
122	14.8	11.4	17.2





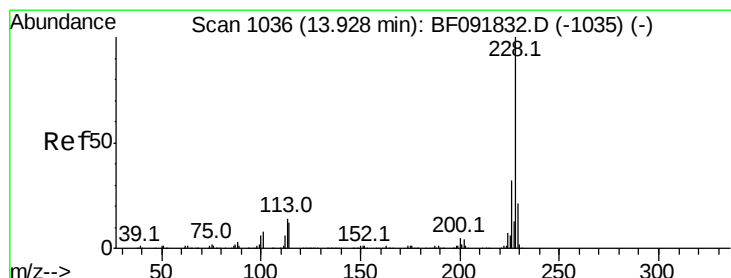
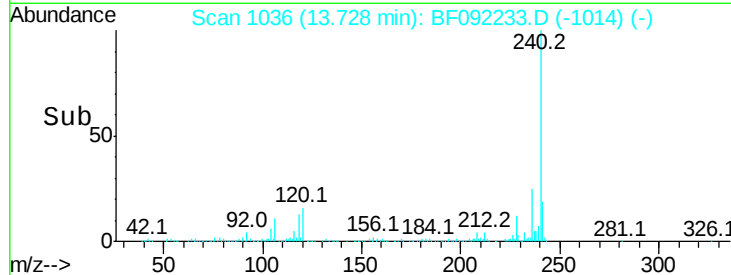
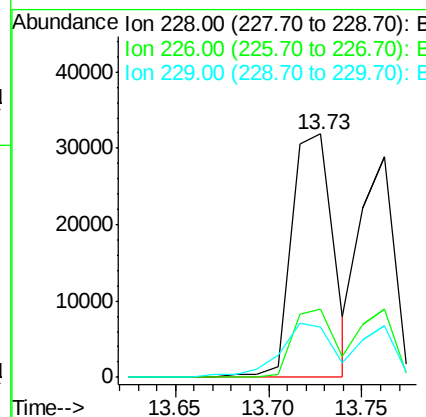
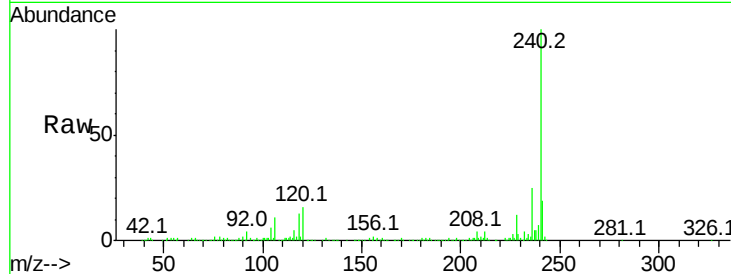
#80
Benzo(a)anthracene
Concen: 2.85 ng
RT: 13.73 min Scan# 1036
Delta R.T. -0.05 min
Lab File: BF092233.D
Acq: 13 Jan 2017 4:18

Instrument :
BNA_F
ClientSampleId :
SW-002

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.4	33.6
229	20.6	16.2	24.4

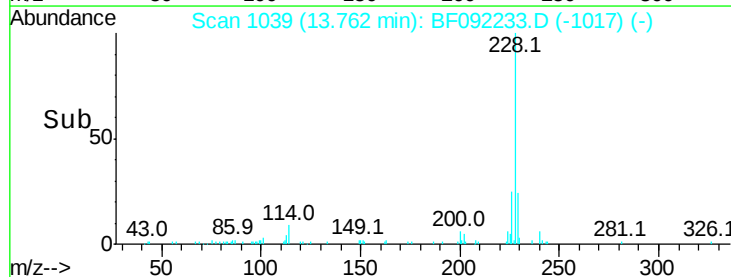
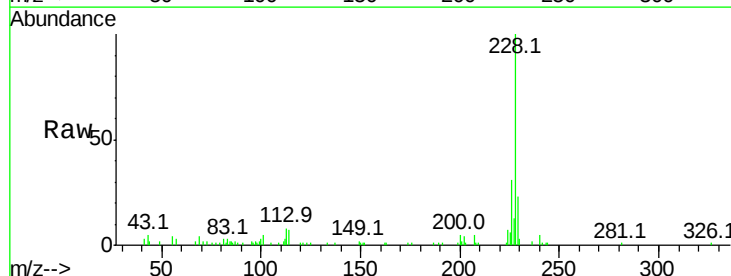
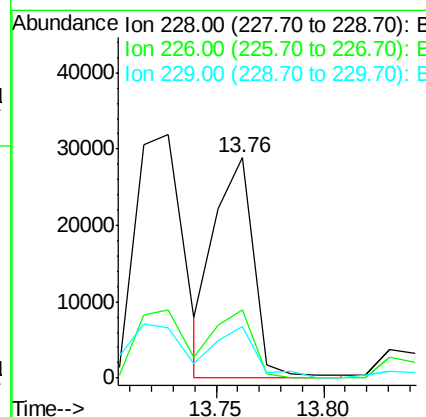
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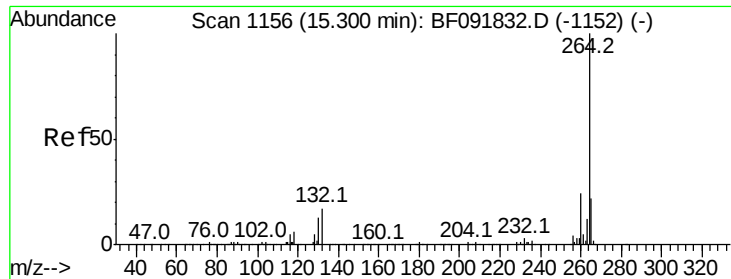
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#82
Chrysene
Concen: 2.12 ng m
RT: 13.76 min Scan# 1039
Delta R.T. -0.05 min
Lab File: BF092233.D
Acq: 13 Jan 2017 4:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.4	38.0
229	23.2	16.2	24.2





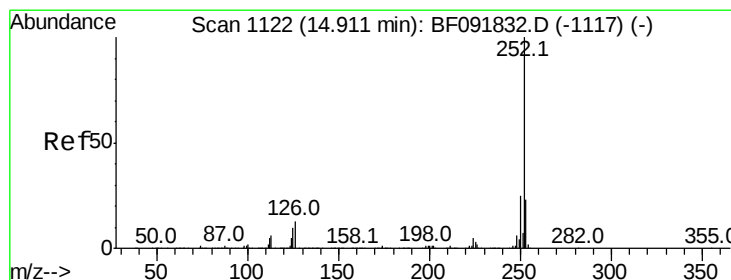
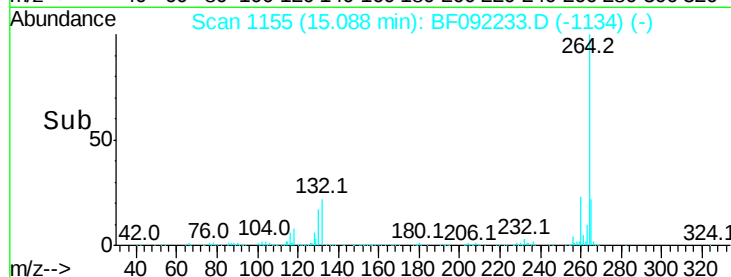
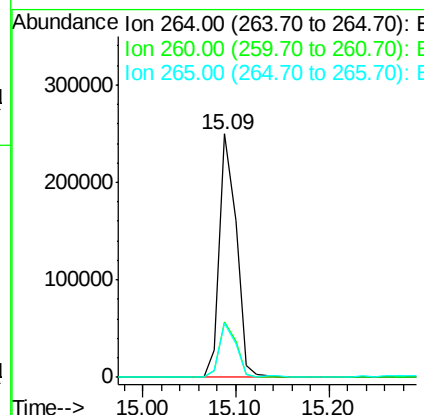
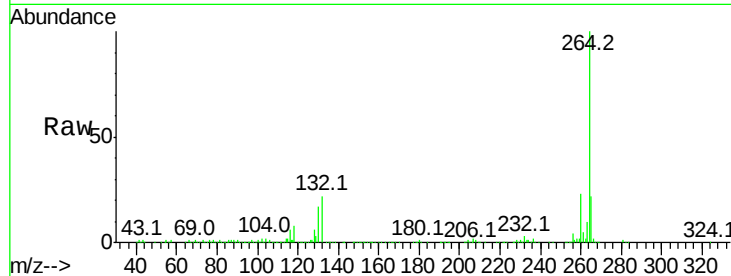
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.09 min Scan# 1155
Delta R.T. -0.06 min
Lab File: BF092233.D
Acq: 13 Jan 2017 4:18

Instrument :
BNA_F
ClientSampleId :
SW-002

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	22.2	17.4	26.0

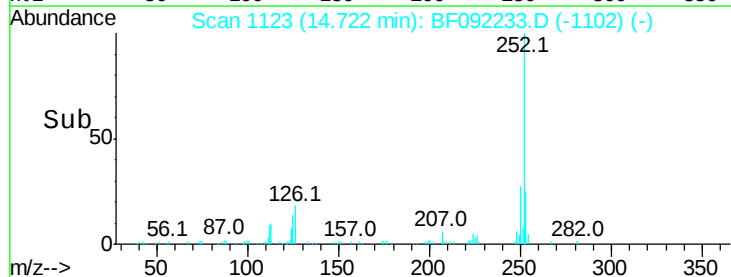
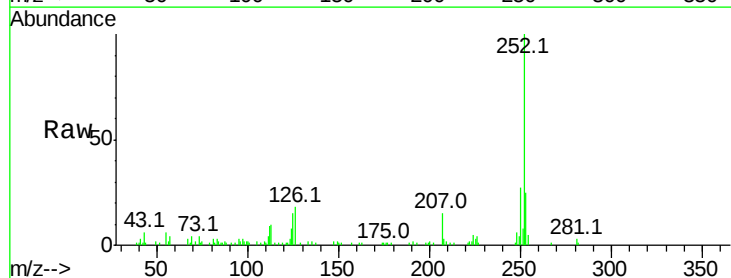
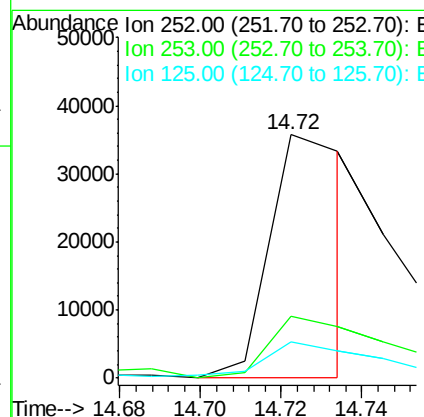
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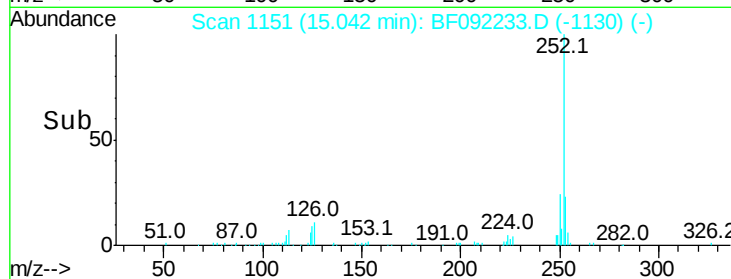
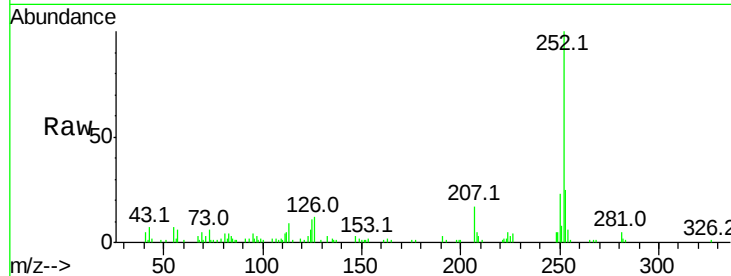
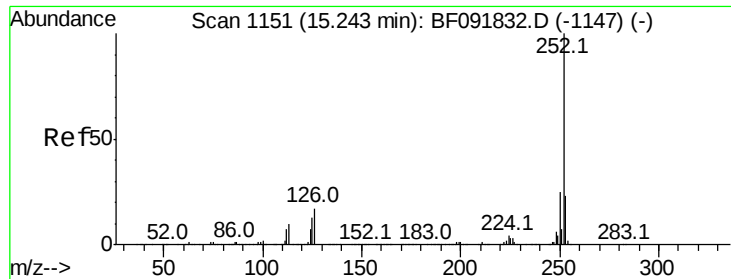
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#87
Benzo(b)fluoranthene
Concen: 2.51 ng m
RT: 14.72 min Scan# 1123
Delta R.T. -0.06 min
Lab File: BF092233.D
Acq: 13 Jan 2017 4:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.2	18.2	27.4
125	14.9	9.8	14.6#





#89

Benzo(a)pyrene

Concen: 2.23 ng

RT: 15.04 min Scan# 1151

Delta R.T. -0.06 min

Lab File: BF092233.D

Acq: 13 Jan 2017 4:18

Instrument :

BNA_F

ClientSampleId :

SW-002

Tot Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	24.7	18.2	27.2
125	10.8	10.0	15.0

Manual Integrations
APPROVED

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