

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031617\
 Data File : BF093718.D
 Acq On : 16 Mar 2017 20:46
 Operator : SJ/MA
 Sample : I2266-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP6

Manual Integrations
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Quant Time: Mar 17 03:43:20 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	186525	20.00	ng	-0.02
21) Naphthalene-d8	7.99	136	758395	20.00	ng	-0.02
38) Acenaphthene-d10	9.74	164	363571	20.00	ng	-0.02
63) Phenanthrene-d10	11.23	188	623642	20.00	ng	-0.02
75) Chrysene-d12	13.85	240	434002	20.00	ng	-0.03
86) Perylene-d12	15.26	264	336540	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1254052	111.90	ng	-0.02
7) Phenol-d6	6.36	99	1634373	115.65	ng	-0.02
23) Nitrobenzene-d5	7.27	82	1021259	74.72	ng	-0.03
41) 2,4,6-Tribromophenol	10.53	330	265624	112.14	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	1482495	75.84	ng	-0.02
78) Terphenyl-d14	12.80	244	1138136	68.18	ng	-0.02
Target Compounds						Qvalue
10) Phenol	6.38	94	129607	7.48	ng	82
49) Dimethylphthalate	9.46	163	296280	12.29	ng	99
70) Phenanthrene	11.25	178	469907	13.20	ng	97
71) Anthracene	11.31	178	91435	2.54	ng	97
74) Fluoranthene	12.44	202	641618	18.66	ng	94
77) Pyrene	12.67	202	571867	18.12	ng	98
80) Benzo(a)anthracene	13.85	228	220653	8.61	ng	99
82) Chrysene	13.89	228	184761	7.79	ng	99
85) Indeno(1,2,3-cd)pyrene	16.61	276	91065	4.59	ng	96
87) Benzo(b)fluoranthene	14.87	252	198372m	9.68	ng	
88) Benzo(k)fluoranthene	14.88	252	81621m	4.13	ng	
89) Benzo(a)pyrene	15.20	252	150932	8.06	ng	# 96
91) Benzo(a,h,i)perylene	17.01	276	91974	5.78	ng	# 89

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

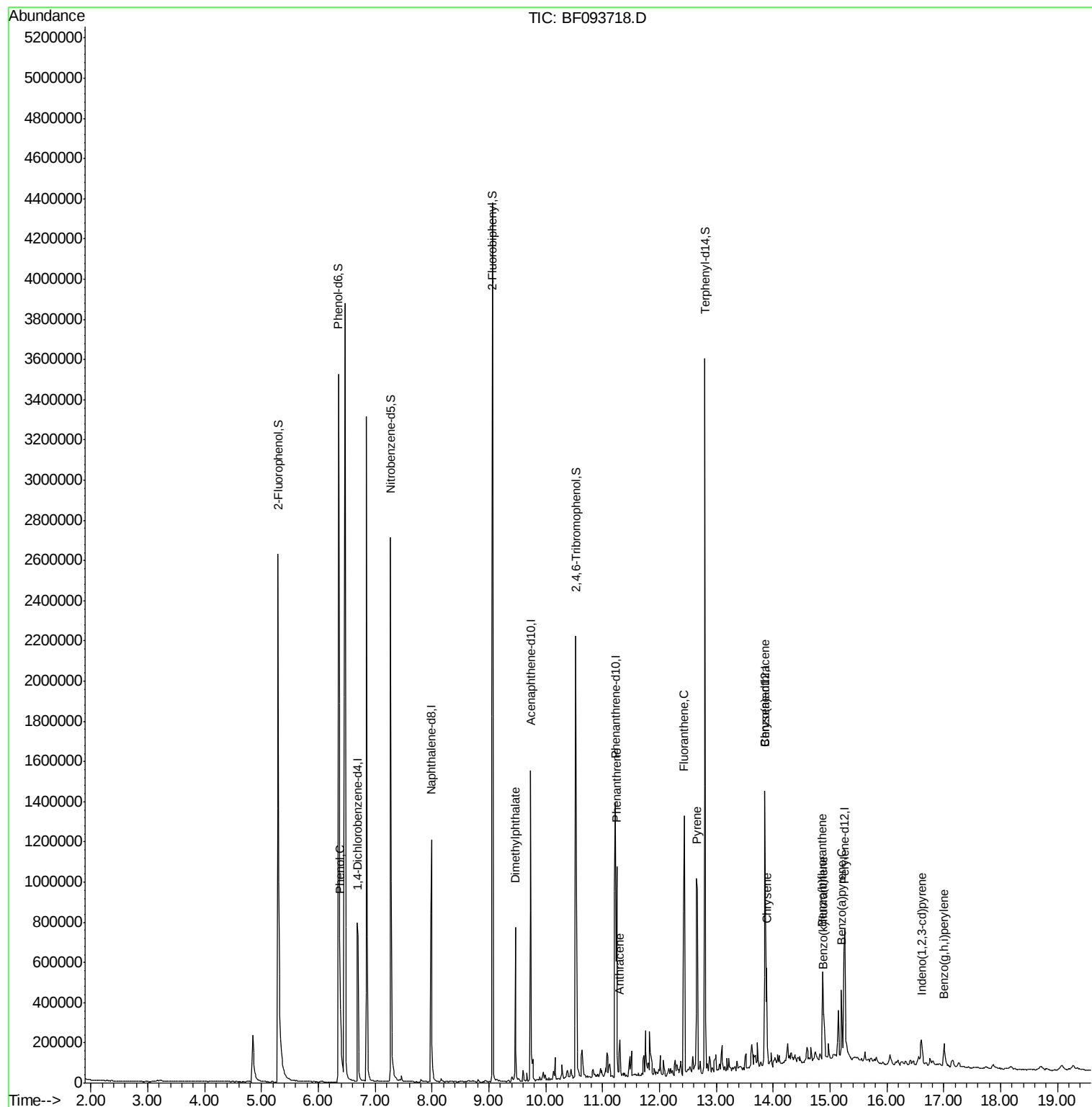
Data Path : Z:\HPCHEM1\BNA F\DATA\BF031617\
Data File : BF093718.D
Acq On : 16 Mar 2017 20:46
Operator : SJ/MA
Sample : I2266-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

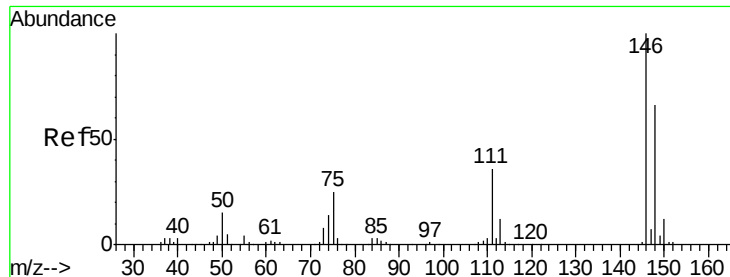
Instrument :
BNA_F
ClientSampleId :
TP6

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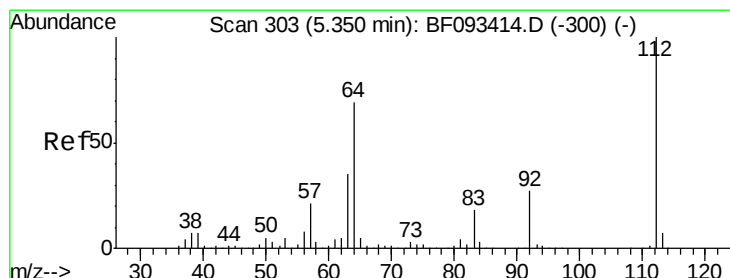
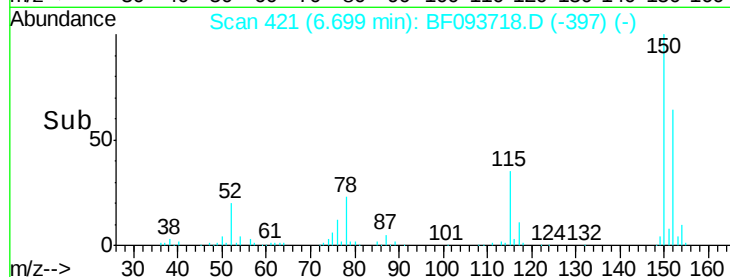
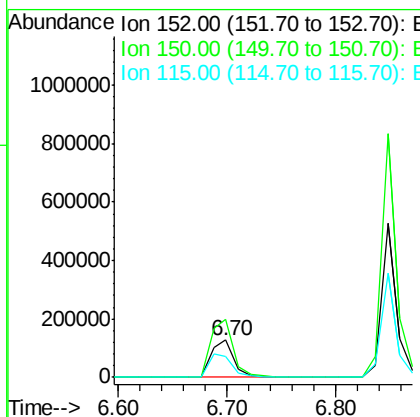
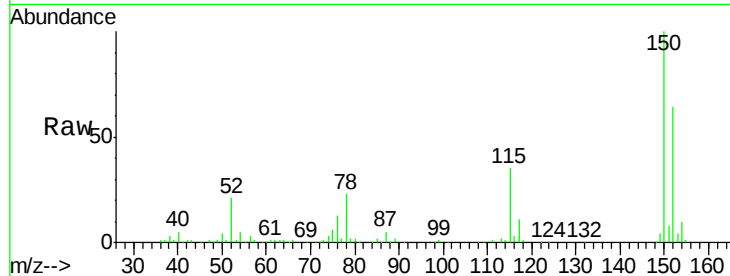
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 421
Delta R.T. -0.02 min
Lab File: BF093718.D
Acq: 16 Mar 2017 20:46

Instrument :
BNA_F
ClientSampled :
TP6

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.9	187.3
115	54.5	46.0	69.0

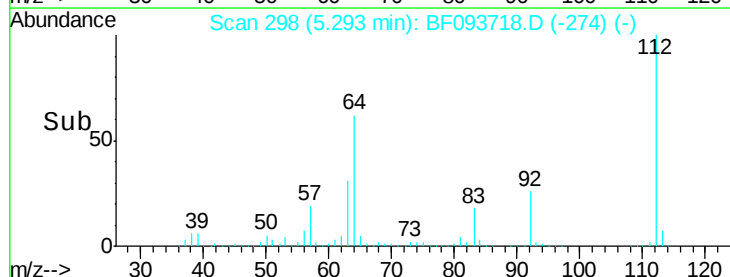
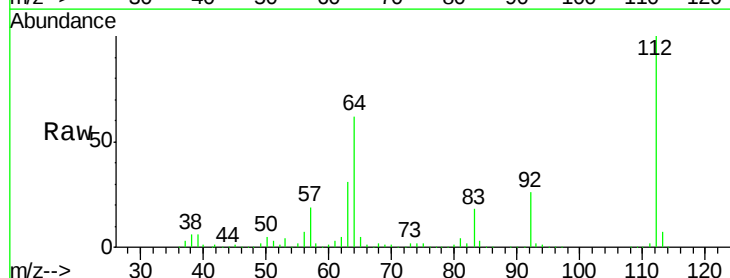
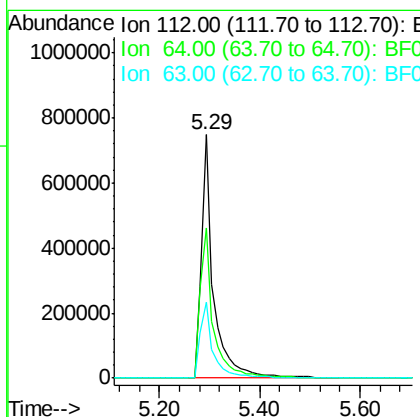
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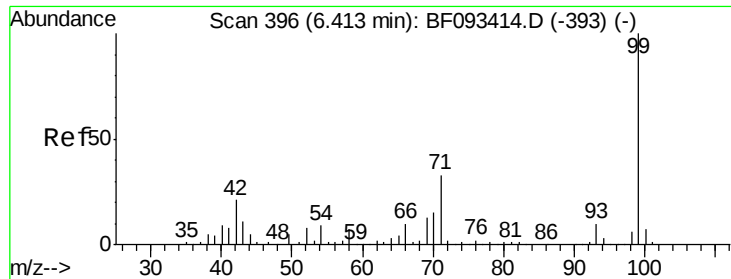
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#5
2-Fluorophenol
Concen: 111.90 ng
RT: 5.29 min Scan# 298
Delta R.T. -0.02 min
Lab File: BF093718.D
Acq: 16 Mar 2017 20:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.8	46.1	69.1
63	31.0	23.8	35.6





#7

Phenol-d6

Concen: 115.65 ng

RT: 6.36 min Scan# 391

Delta R.T. -0.02 min

Lab File: BF093718.D

Acq: 16 Mar 2017 20:46

Instrument :

BNA_F

ClientSampleId :

TP6

Tot Ion: 99 Resp: 1634373

Ion Ratio Lower Upper

99 100

42 22.2 15.6 23.4

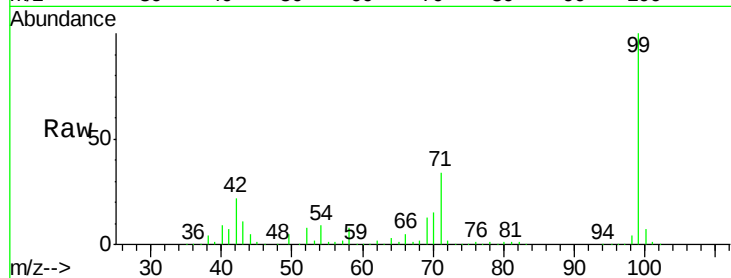
71 34.2 27.5 41.3

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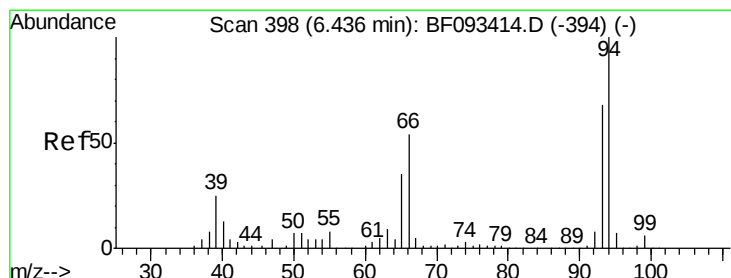
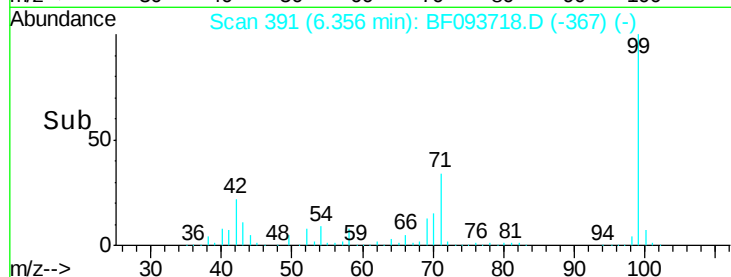
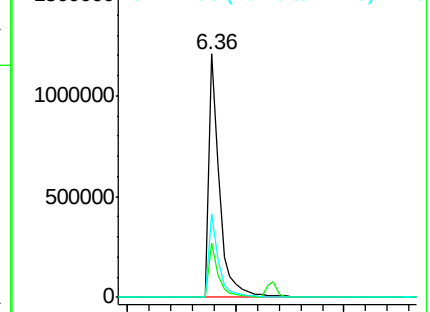
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 7.48 ng

RT: 6.38 min Scan# 393

Delta R.T. -0.02 min

Lab File: BF093718.D

Acq: 16 Mar 2017 20:46

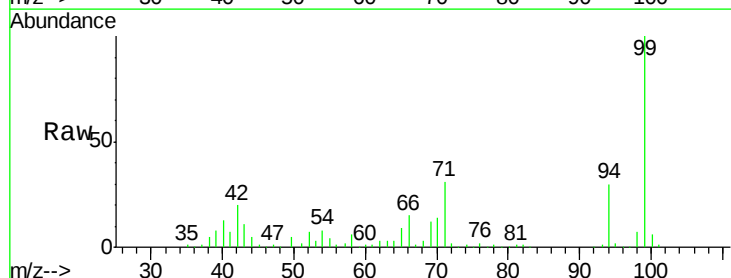
Tgt Ion: 94 Resp: 129607

Ion Ratio Lower Upper

94 100

65 30.1 21.4 61.4

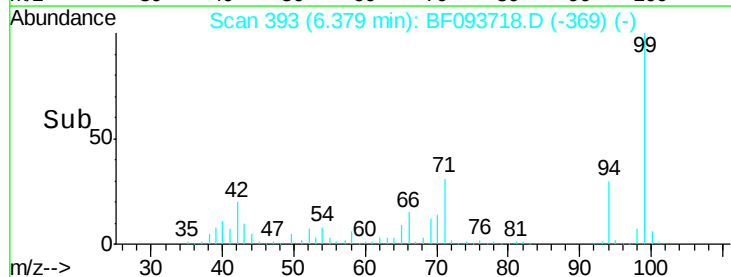
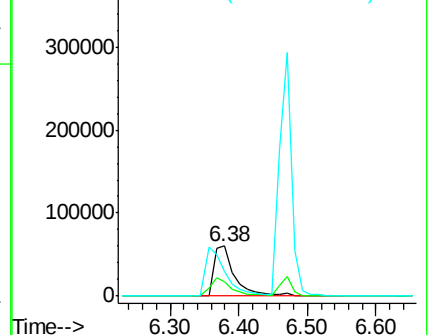
66 50.3 44.0 84.0

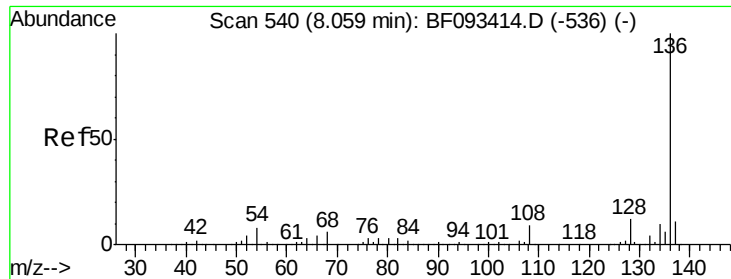


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





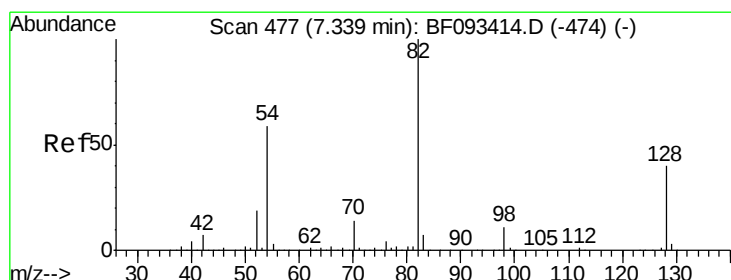
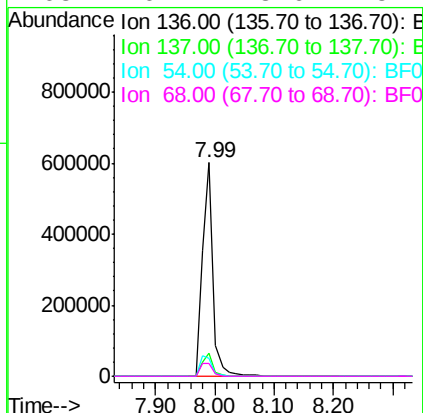
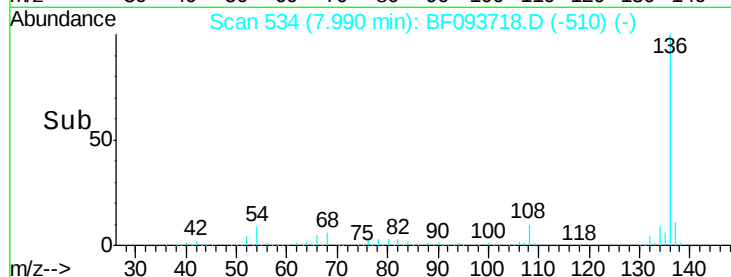
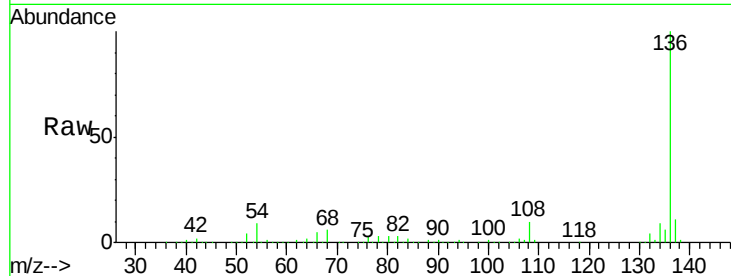
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.99 min Scan# 534
Delta R.T. -0.02 min
Lab File: BF093718.D
Acq: 16 Mar 2017 20:46

Instrument :
BNA_F
ClientSampleId :
TP6

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.4	12.6
54	8.7	4.5	6.7#
68	6.2	3.6	5.4#

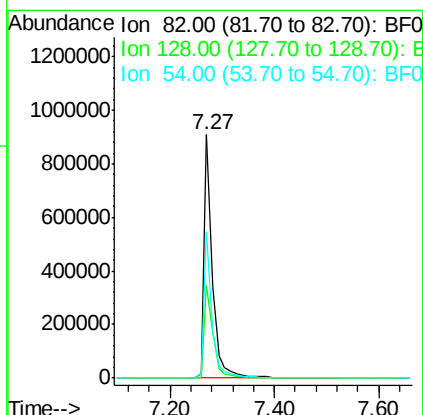
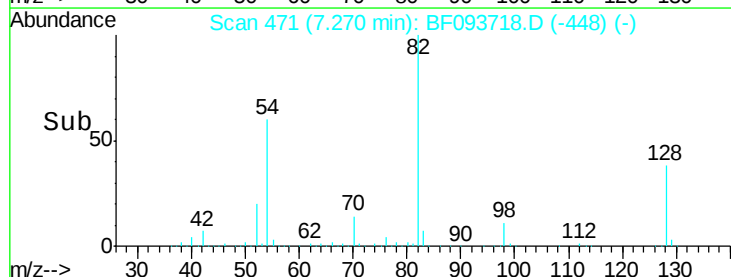
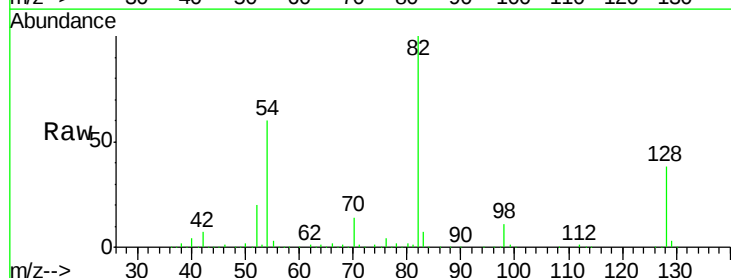
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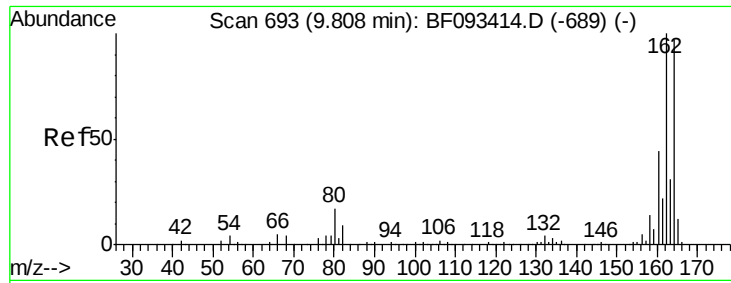
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#23
Nitrobenzene-d5
Concen: 74.72 ng
RT: 7.27 min Scan# 471
Delta R.T. -0.03 min
Lab File: BF093718.D
Acq: 16 Mar 2017 20:46

Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.3	34.6	52.0
54	60.2	39.5	59.3#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.74 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF093718.D

Acq: 16 Mar 2017 20:46

Instrument :

BNA_F

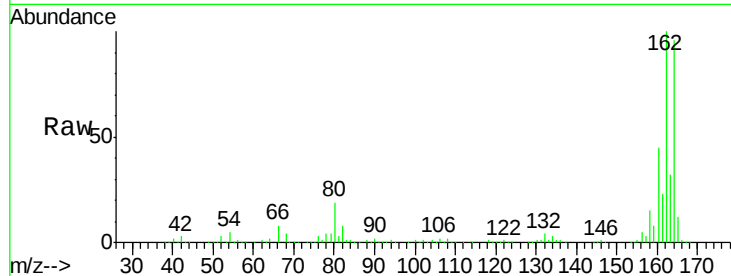
ClientSampleId :

TP6

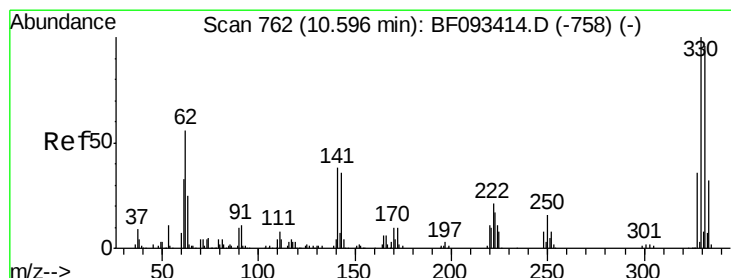
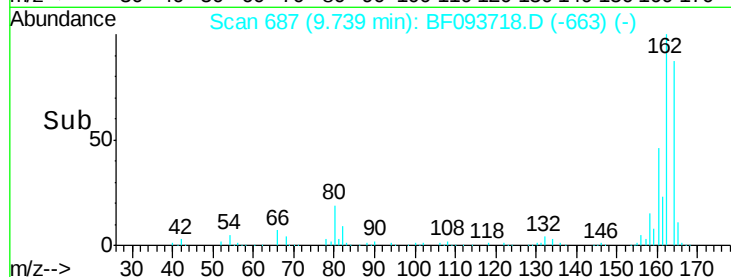
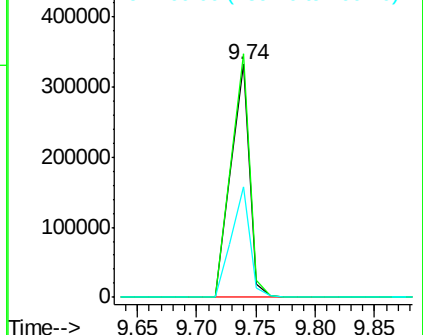
Tot Ion:	164	Resp:	363571
Ion Ratio	Lower	Upper	
164	100		
162	104.4	80.2	120.2
160	47.3	36.9	55.3

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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 112.14 ng

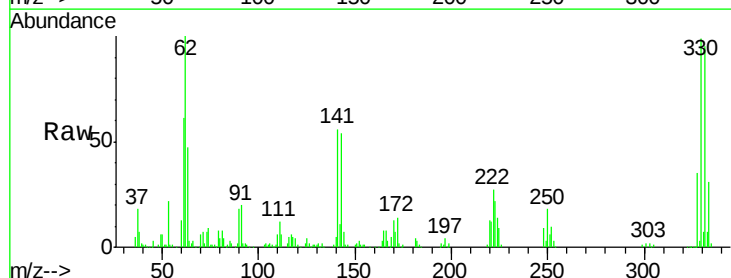
RT: 10.53 min Scan# 756

Delta R.T. -0.02 min

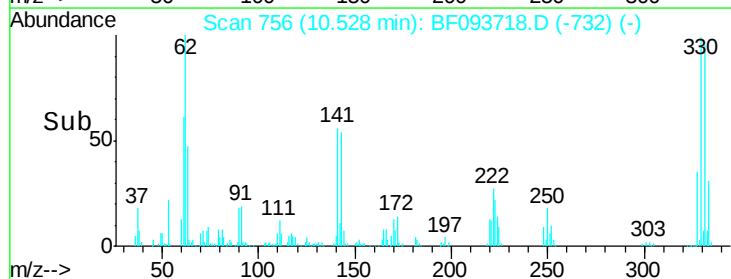
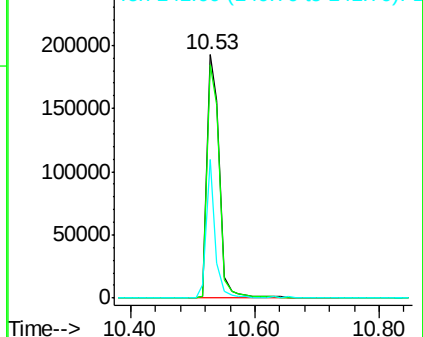
Lab File: BF093718.D

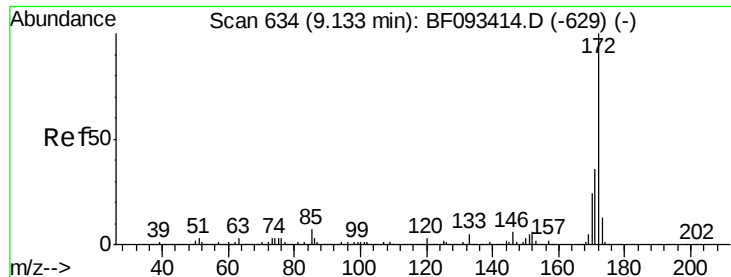
Acq: 16 Mar 2017 20:46

Tgt Ion:	330	Resp:	265624
Ion Ratio	Lower	Upper	
330	100		
332	96.3	77.4	116.2
141	41.5	34.1	51.1



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





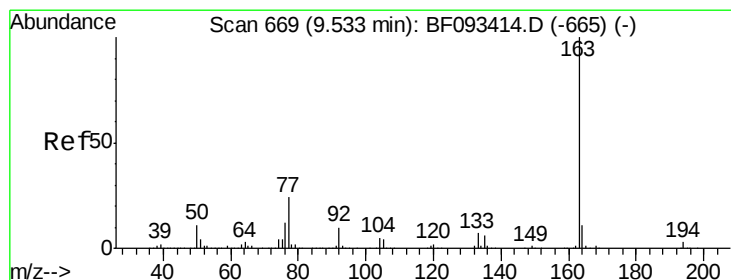
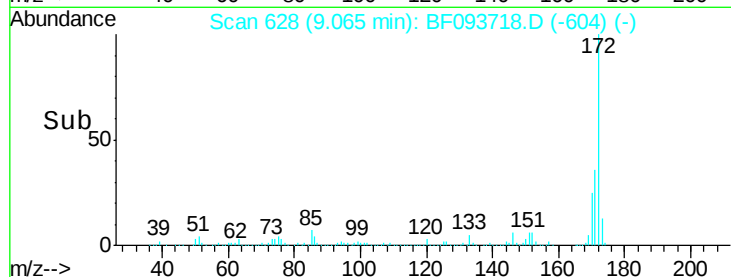
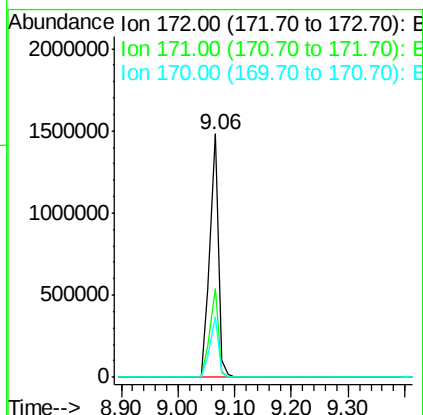
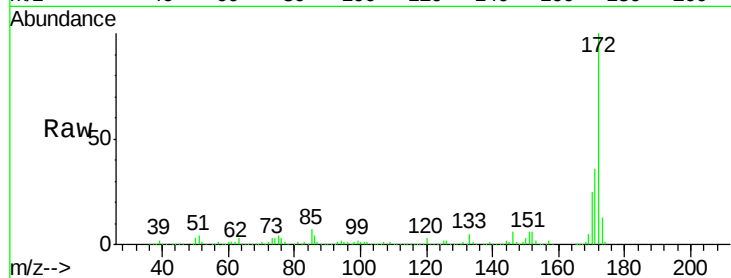
#44
2-Fluorobiphenyl
Concen: 75.84 ng
RT: 9.06 min Scan# 628
Delta R.T. -0.02 min
Lab File: BF093718.D
Acq: 16 Mar 2017 20:46

Instrument :
BNA_F
ClientSampleId :
TP6

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.0
170	24.8	20.2	30.4

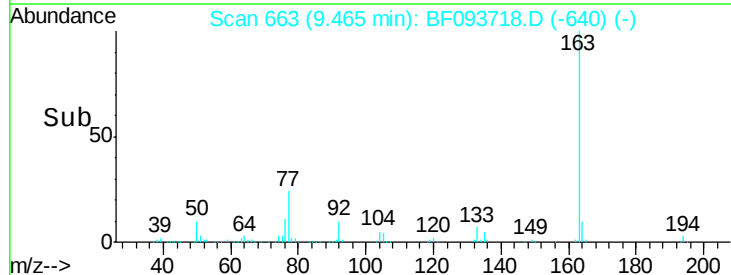
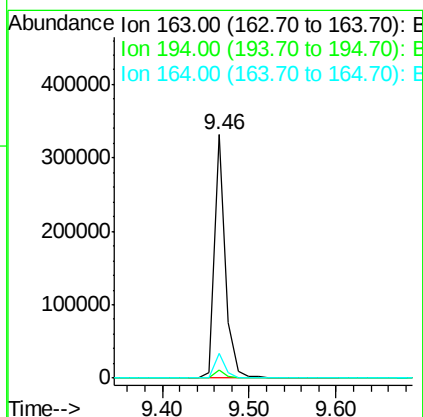
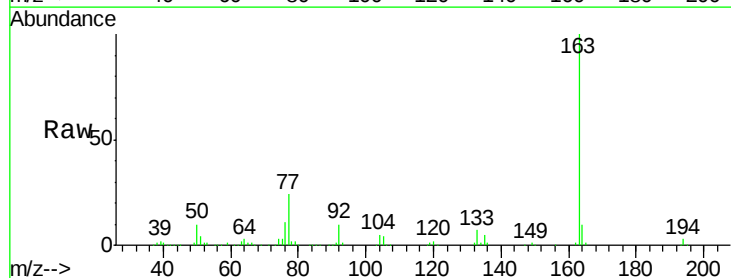
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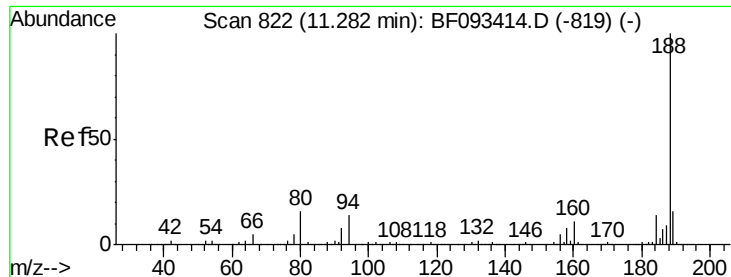
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#49
Dimethylphthalate
Concen: 12.29 ng
RT: 9.46 min Scan# 663
Delta R.T. -0.03 min
Lab File: BF093718.D
Acq: 16 Mar 2017 20:46

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.0	4.4
164	10.4	8.0	12.0





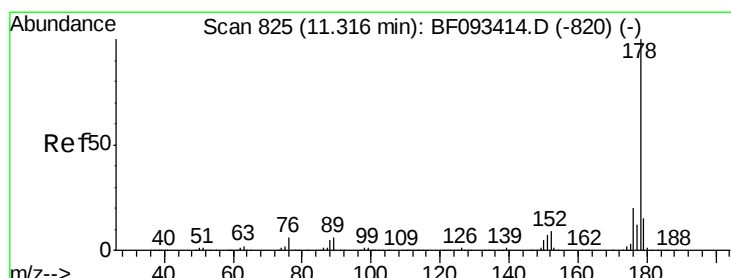
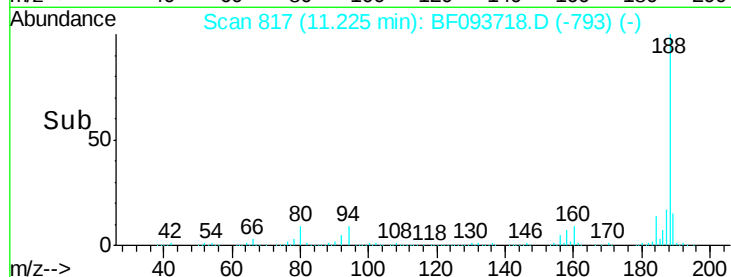
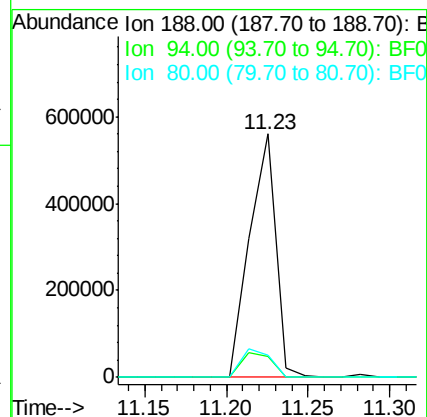
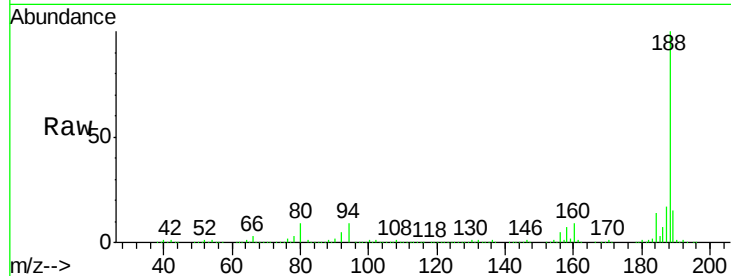
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 817
Delta R.T. -0.02 min
Lab File: BF093718.D
Acq: 16 Mar 2017 20:46

Instrument :
BNA_F
ClientSampled :
TP6

Tot Ion	Ratio	Resp	Lower	Upper
188	100	623642		
94	8.7	10.0	15.0#	
80	8.9	11.2	16.8#	

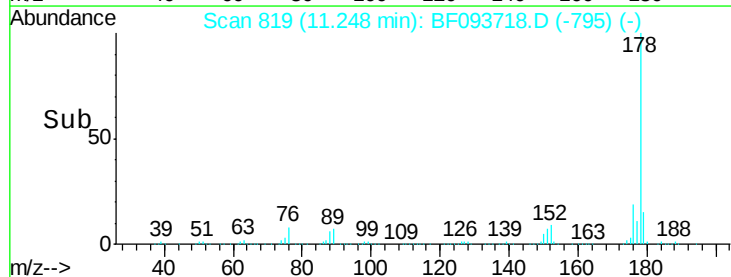
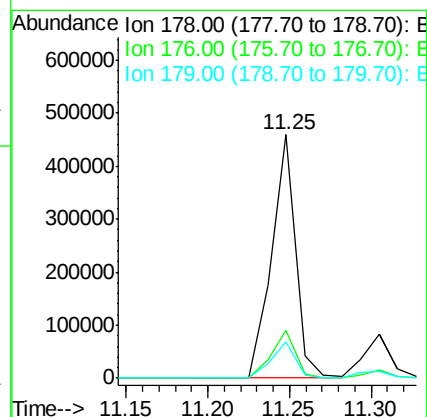
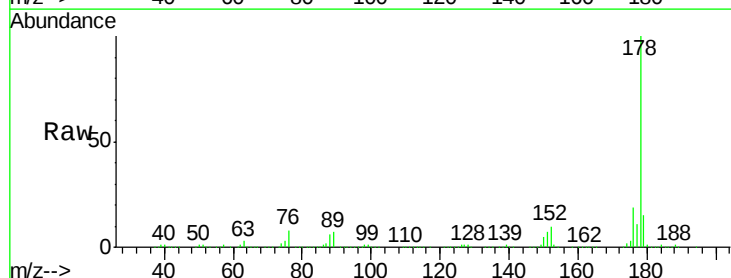
Manual Integrations
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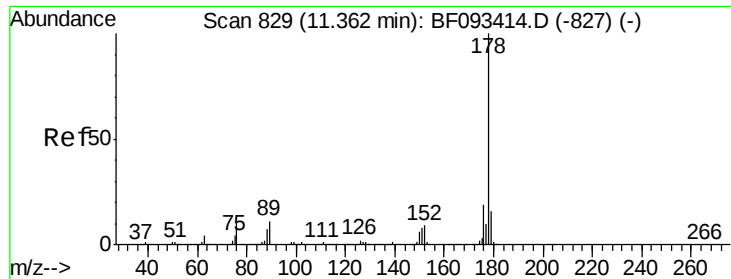
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#70
Phenanthrene
Concen: 13.20 ng
RT: 11.25 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF093718.D
Acq: 16 Mar 2017 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	469907		
176	19.4	16.6	25.0	
179	14.7	12.8	19.2	





#71

Anthracene

Concen: 2.54 ng

RT: 11.31 min Scan# 824

Delta R.T. -0.01 min

Lab File: BF093718.D

Acq: 16 Mar 2017 20:46

Instrument :

BNA_F

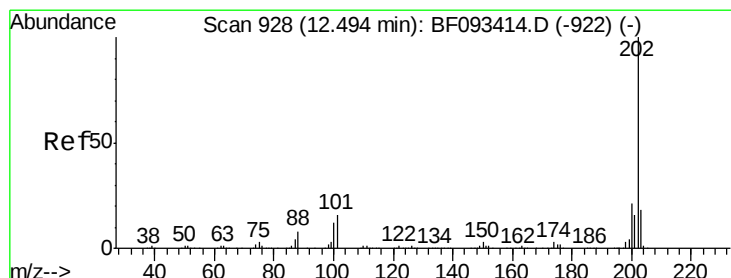
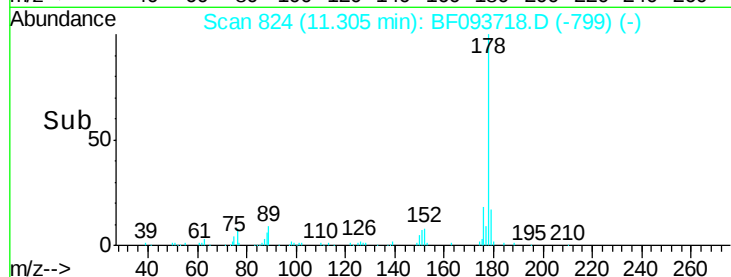
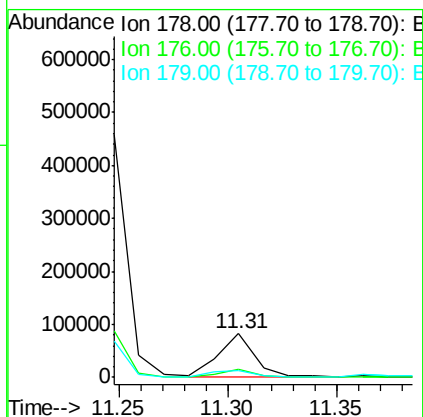
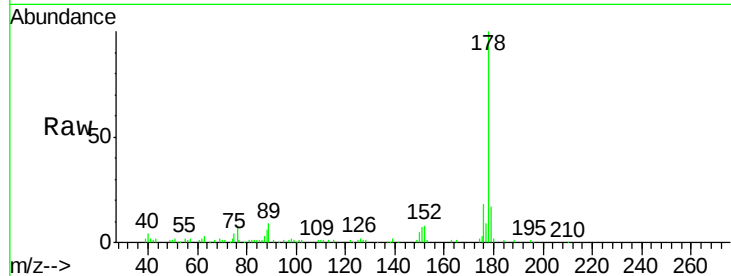
ClientSampleId :

TP6

Tot Ion:	178	Resp:	91435
Ion Ratio	Lower	Upper	
178	100		
176	18.2	15.9	23.9
179	17.0	13.2	19.8

Manual Integrations
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#74

Fluoranthene

Concen: 18.66 ng

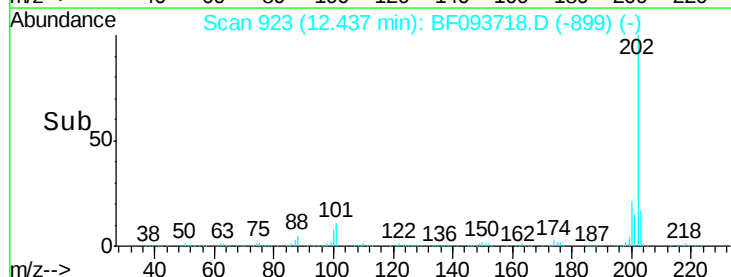
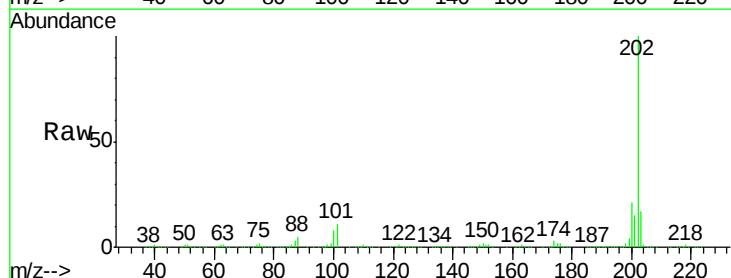
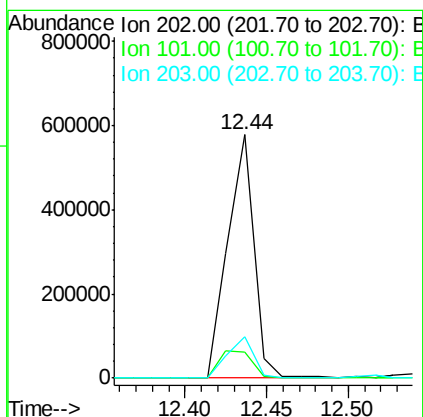
RT: 12.44 min Scan# 923

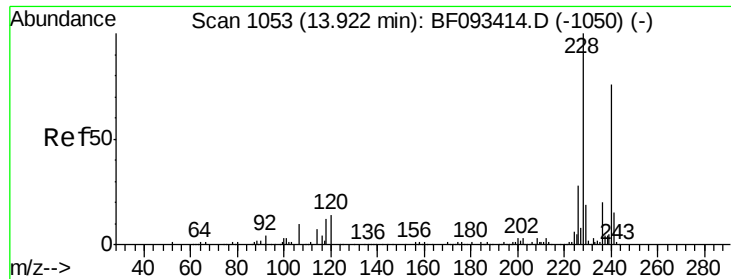
Delta R.T. -0.02 min

Lab File: BF093718.D

Acq: 16 Mar 2017 20:46

Tgt Ion:	202	Resp:	641618
Ion Ratio	Lower	Upper	
202	100		
101	10.9	0.0	34.6
203	17.2	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.85 min Scan# 1047

Delta R.T. -0.03 min

Lab File: BF093718.D

Acq: 16 Mar 2017 20:46

Instrument :

BNA_F

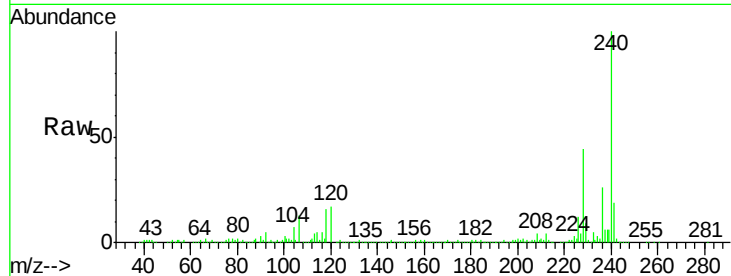
ClientSampleId :

TP6

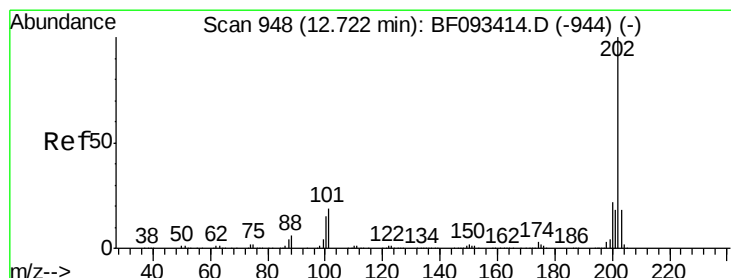
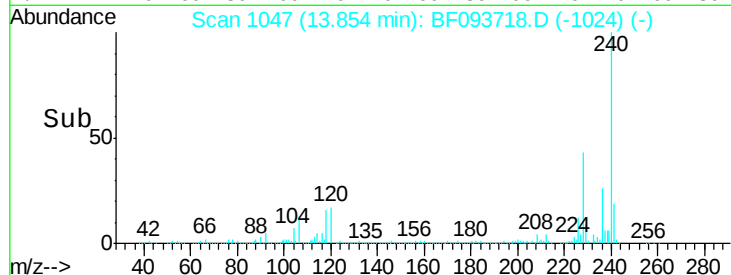
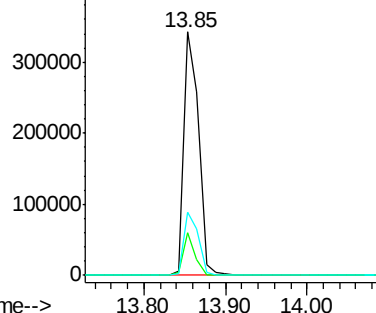
Tot Ion:	240	Resp:	434002
Ion Ratio	Lower	Upper	
240	100		
120	17.5	12.9	19.3
236	26.0	20.9	31.3

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 18.12 ng

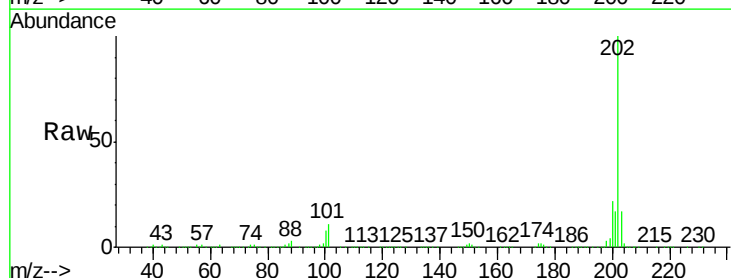
RT: 12.67 min Scan# 943

Delta R.T. -0.01 min

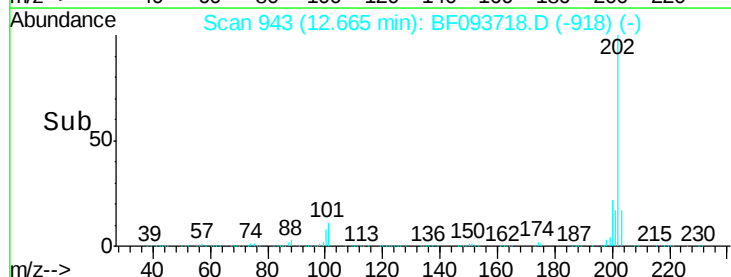
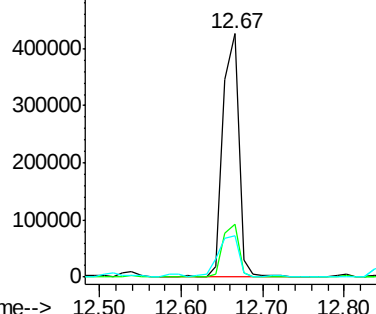
Lab File: BF093718.D

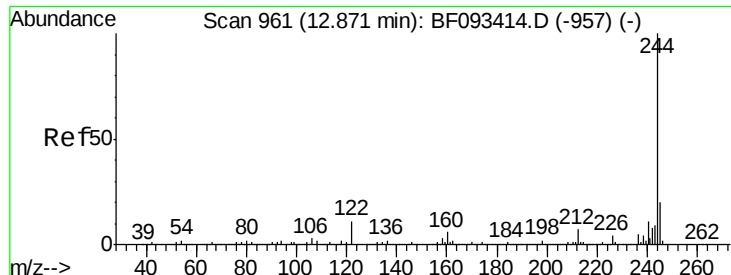
Acq: 16 Mar 2017 20:46

Tgt Ion:	202	Resp:	571867
Ion Ratio	Lower	Upper	
202	100		
200	21.8	17.7	26.5
203	17.1	14.7	22.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





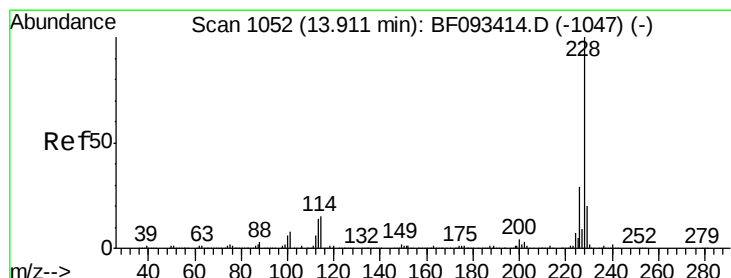
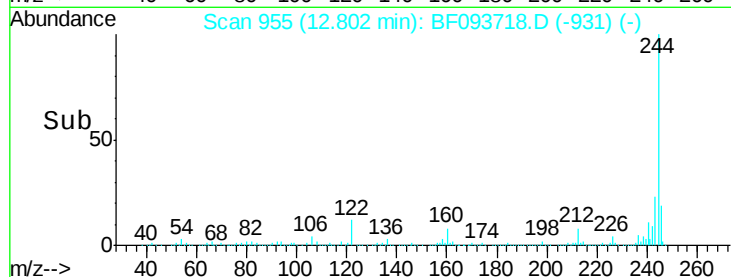
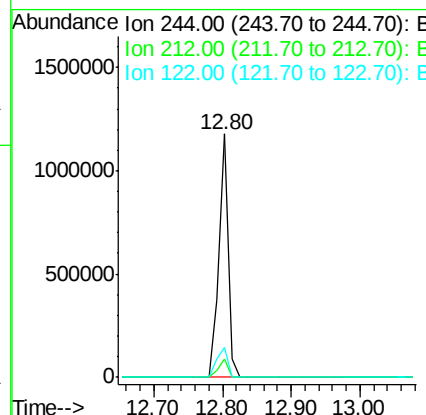
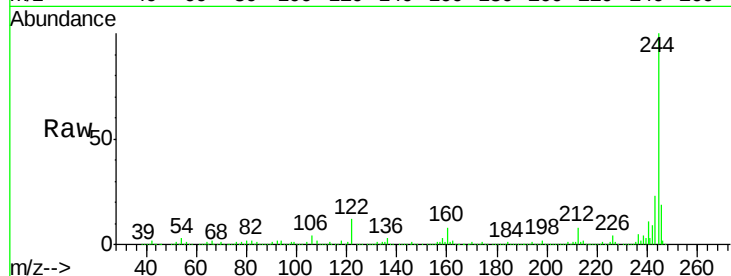
#78
 Terphenyl-d14
 Concen: 68.18 ng
 RT: 12.80 min Scan# 955
 Delta R.T. -0.02 min
 Lab File: BF093718.D
 Acq: 16 Mar 2017 20:46

Instrument :
 BNA_F
 ClientSampleId :
 TP6

Tot Ion:244 Resp: 1138136
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 12.0 11.4 17.2

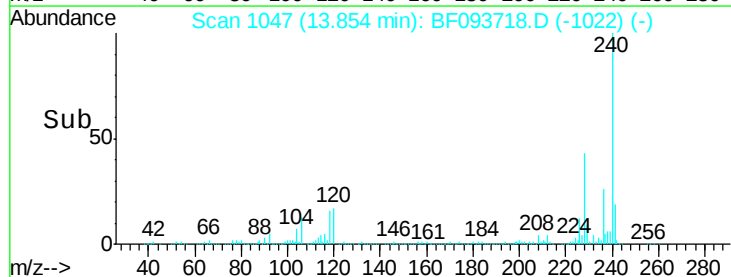
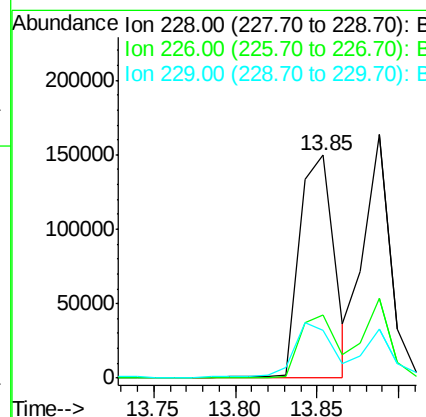
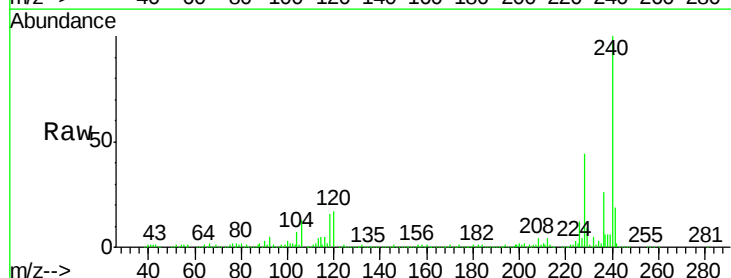
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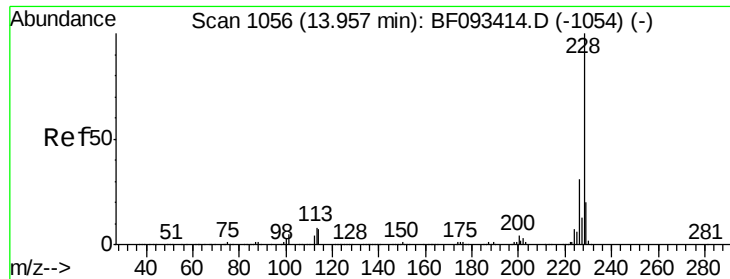
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#80
 Benzo(a)anthracene
 Concen: 8.61 ng
 RT: 13.85 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BF093718.D
 Acq: 16 Mar 2017 20:46

Tgt Ion:228 Resp: 220653
 Ion Ratio Lower Upper
 228 100
 226 28.3 22.4 33.6
 229 21.3 16.2 24.4





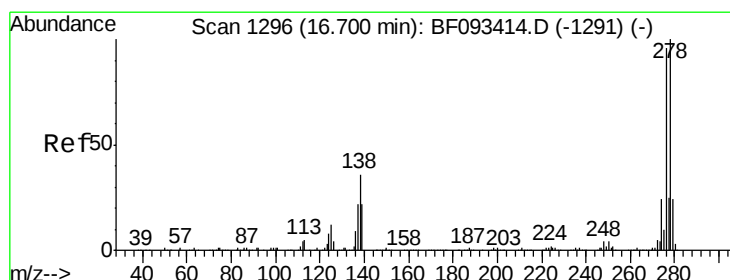
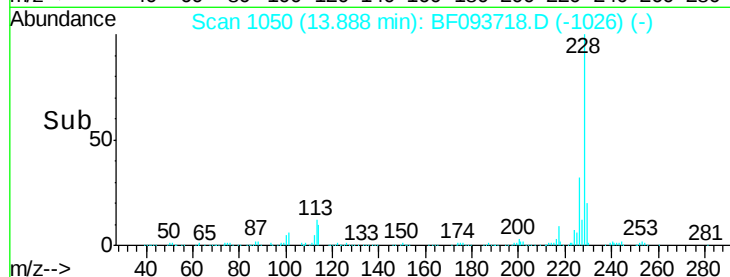
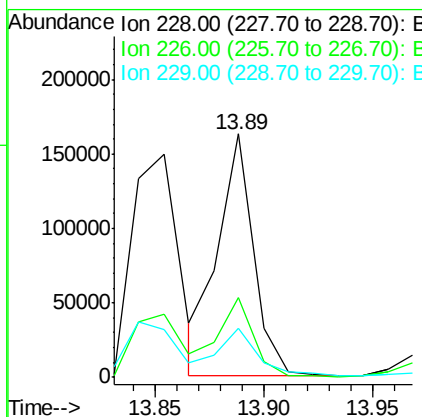
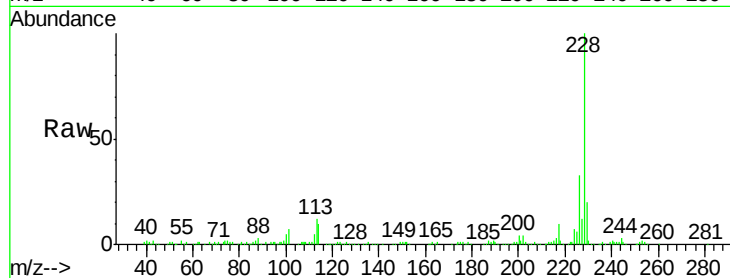
#82
Chrysene
Concen: 7.79 ng
RT: 13.89 min Scan# 1050
Delta R.T. -0.02 min
Lab File: BF093718.D
Acq: 16 Mar 2017 20:46

Instrument :
BNA_F
ClientSampled :
TP6

Tot Ion:228	Resp:	184761
Ion Ratio	Lower	Upper
228 100		
226 32.5	25.4	38.0
229 20.1	16.2	24.2

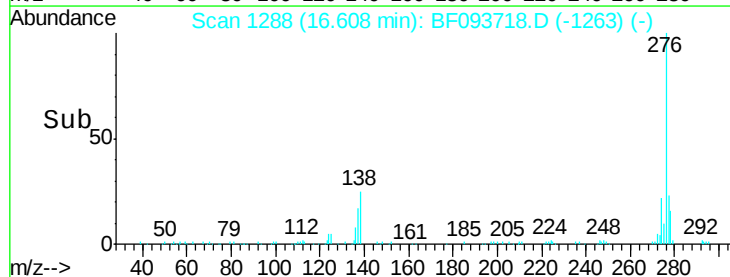
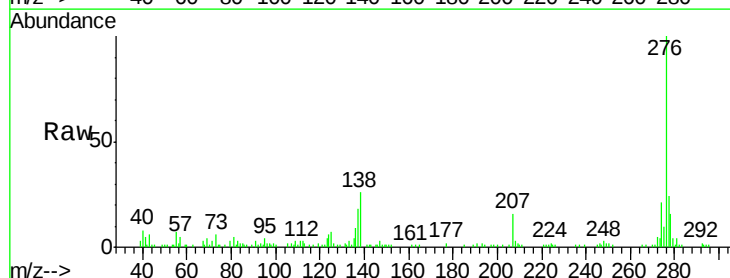
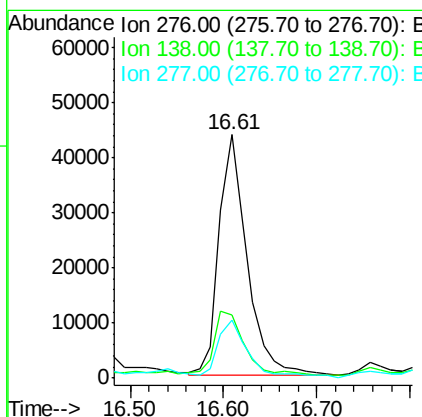
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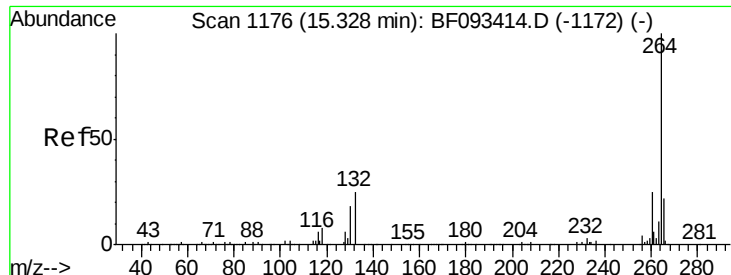
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#85
Indeno(1,2,3-cd)pyrene
Concen: 4.59 ng
RT: 16.61 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF093718.D
Acq: 16 Mar 2017 20:46

Tgt Ion:276	Resp:	91065
Ion Ratio	Lower	Upper
276 100		
138 29.8	21.8	32.6
277 26.9	20.2	30.4





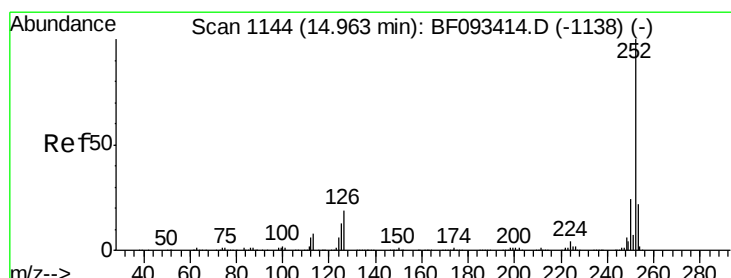
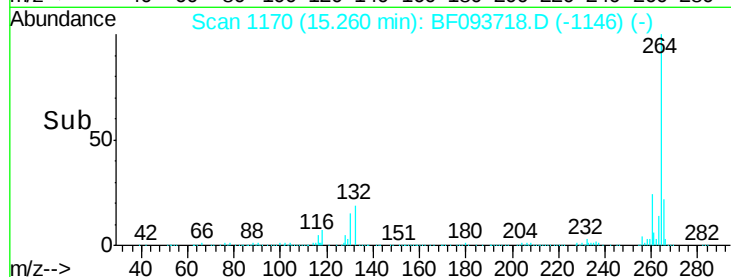
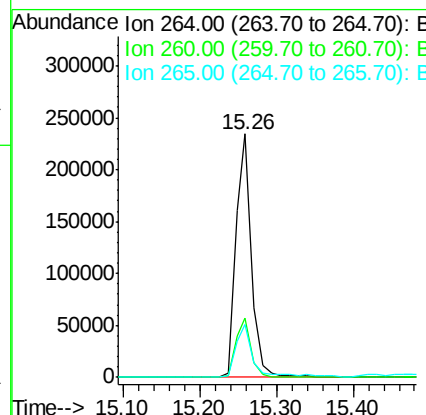
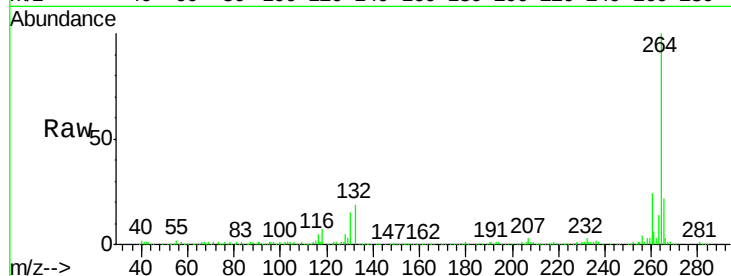
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.26 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BF093718.D
Acq: 16 Mar 2017 20:46

Instrument :
BNA_F
ClientSampleId :
TP6

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.9	17.4	26.0

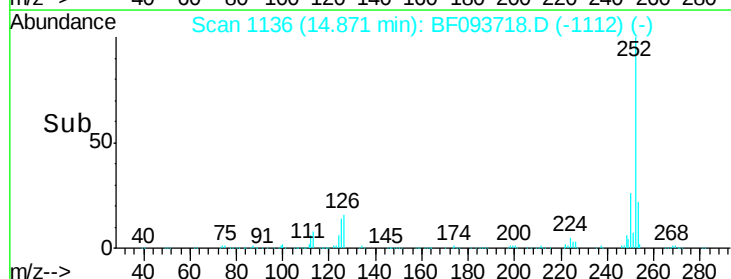
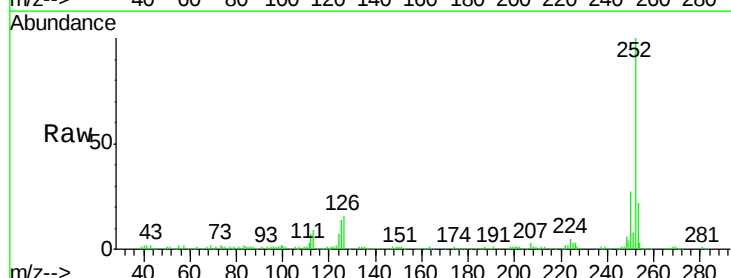
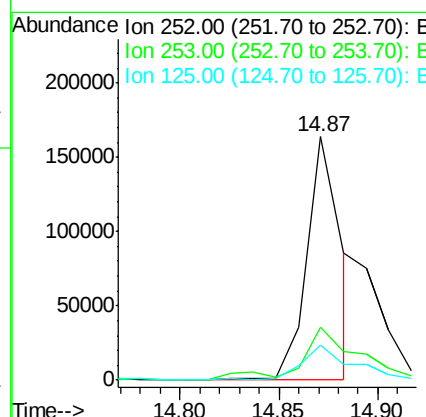
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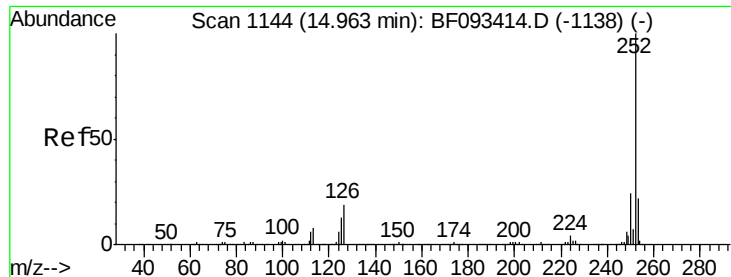
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#87
Benzo(b)fluoranthene
Concen: 9.68 ng m
RT: 14.87 min Scan# 1136
Delta R.T. -0.02 min
Lab File: BF093718.D
Acq: 16 Mar 2017 20:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.4
125	14.4	9.8	14.6





#88

Benzo(k)fluoranthene

Concen: 4.13 ng/mL

RT: 14.88 min Scan# 1137

Delta R.T. -0.03 min

Lab File: BF093718.D

Acq: 16 Mar 2017 20:46

Instrument :

BNA_F

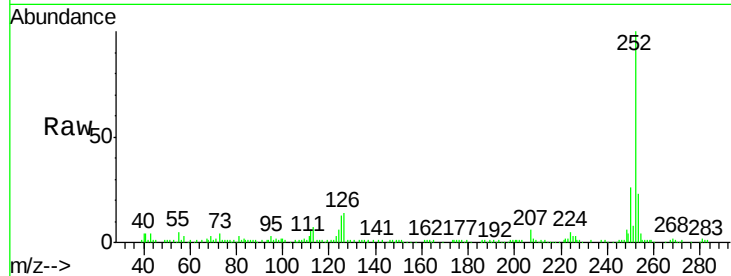
ClientSampled :

TP6

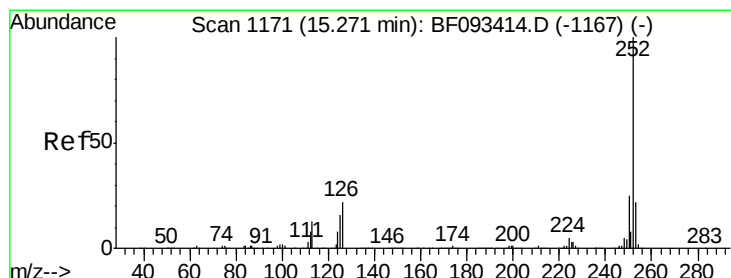
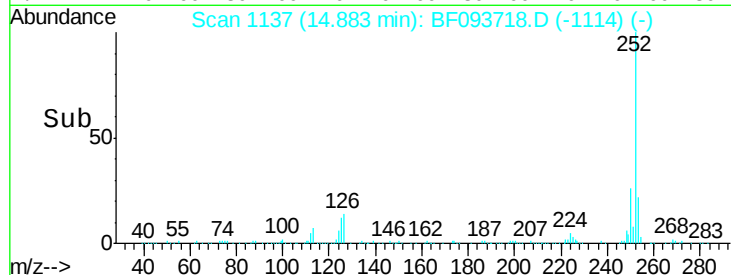
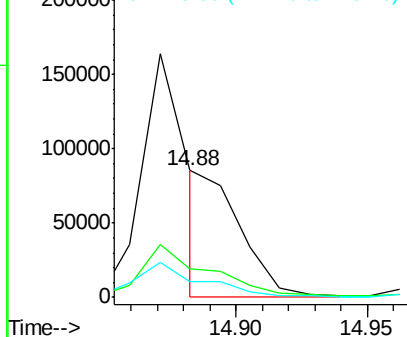
Tot Ion:	252	Resp:	81621
Ion Ratio	Lower	Upper	
252	100		
253	23.0	18.5	27.7
125	12.6	8.9	13.3

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 8.06 ng/mL

RT: 15.20 min Scan# 1165

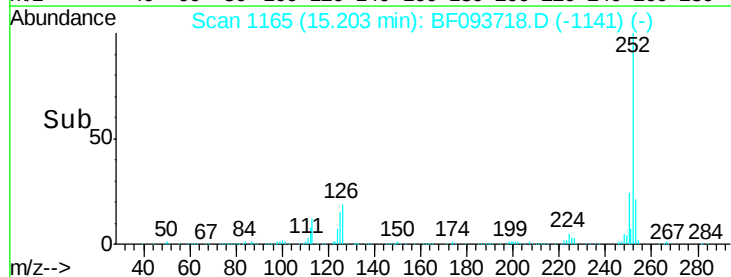
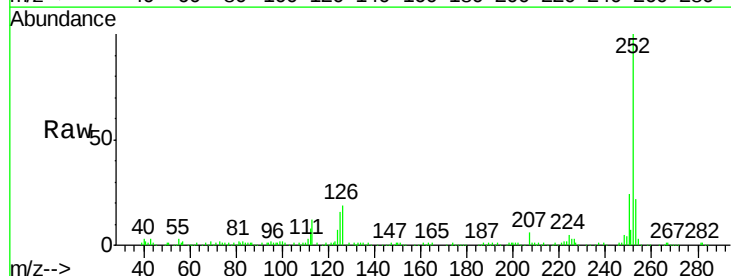
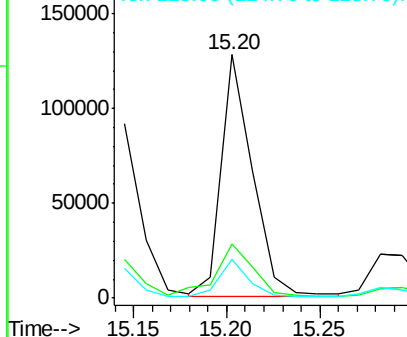
Delta R.T. -0.02 min

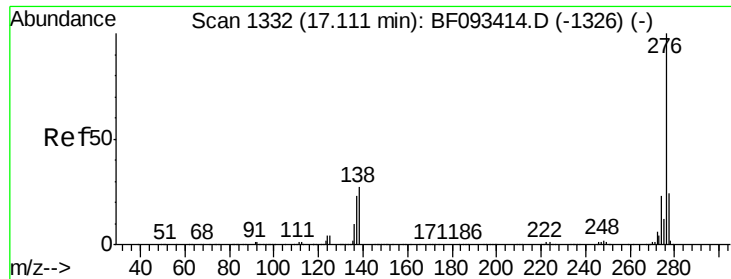
Lab File: BF093718.D

Acq: 16 Mar 2017 20:46

Tgt Ion:	252	Resp:	150932
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.2	27.2
125	15.9	10.0	15.0#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 5.78 ng
 RT: 17.01 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: BF093718.D
 Acq: 16 Mar 2017 20:46

Instrument :
 BNA_F
 ClientSampleId :
 TP6

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.4	19.2	28.8
138	29.5	16.0	24.0

Manual Integrations
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