

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
 Data File : BF094605.D
 Acq On : 25 Apr 2017 15:20
 Operator : SJ/MA
 Sample : I2810-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FAZTECSELECTFILL

Manual Integrations
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Quant Time: Apr 26 02:35:21 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.75	152	131619	20.00	ng	-0.01
21) Naphthalene-d8	7.24	136	526313	20.00	ng	-0.02
38) Acenaphthene-d10	9.38	164	228847	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	370157	20.00	ng	-0.03
75) Chrysene-d12	14.45	240	272822	20.00	ng	-0.02
86) Perylene-d12	16.08	264	261553	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.30	112	896702	113.03	ng	0.00
7) Phenol-d6	5.38	99	1143607	122.28	ng	-0.01
23) Nitrobenzene-d5	6.40	82	697465	81.83	ng	-0.01
41) 2,4,6-Tribromophenol	10.35	330	206827	115.55	ng	-0.02
44) 2-Fluorobiphenyl	8.57	172	1254911	80.68	ng	-0.01
78) Terphenyl-d14	13.18	244	867215	84.96	ng	-0.02
Target Compounds						
10) Phenol	5.39	94	57919	5.04	ng	94
49) Dimethylphthalate	9.07	163	111828	6.56	ng	97
70) Phenanthrene	11.22	178	59906	2.87	ng	97
74) Fluoranthene	12.69	202	92398	4.28	ng	97
77) Pyrene	12.96	202	82269	4.32	ng	97
80) Benzo(a)anthracene	14.44	228	36620	2.31	ng	97
82) Chrysene	14.48	228	37288m	2.57	ng	
83) Bis(2-ethylhexyl)phthalate	14.51	149	57288	5.11	ng	# 98
87) Benzo(b)fluoranthene	15.67	252	46809m	2.93	ng	
89) Benzo(a)pyrene	16.02	252	31691	2.13	ng	# 91

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

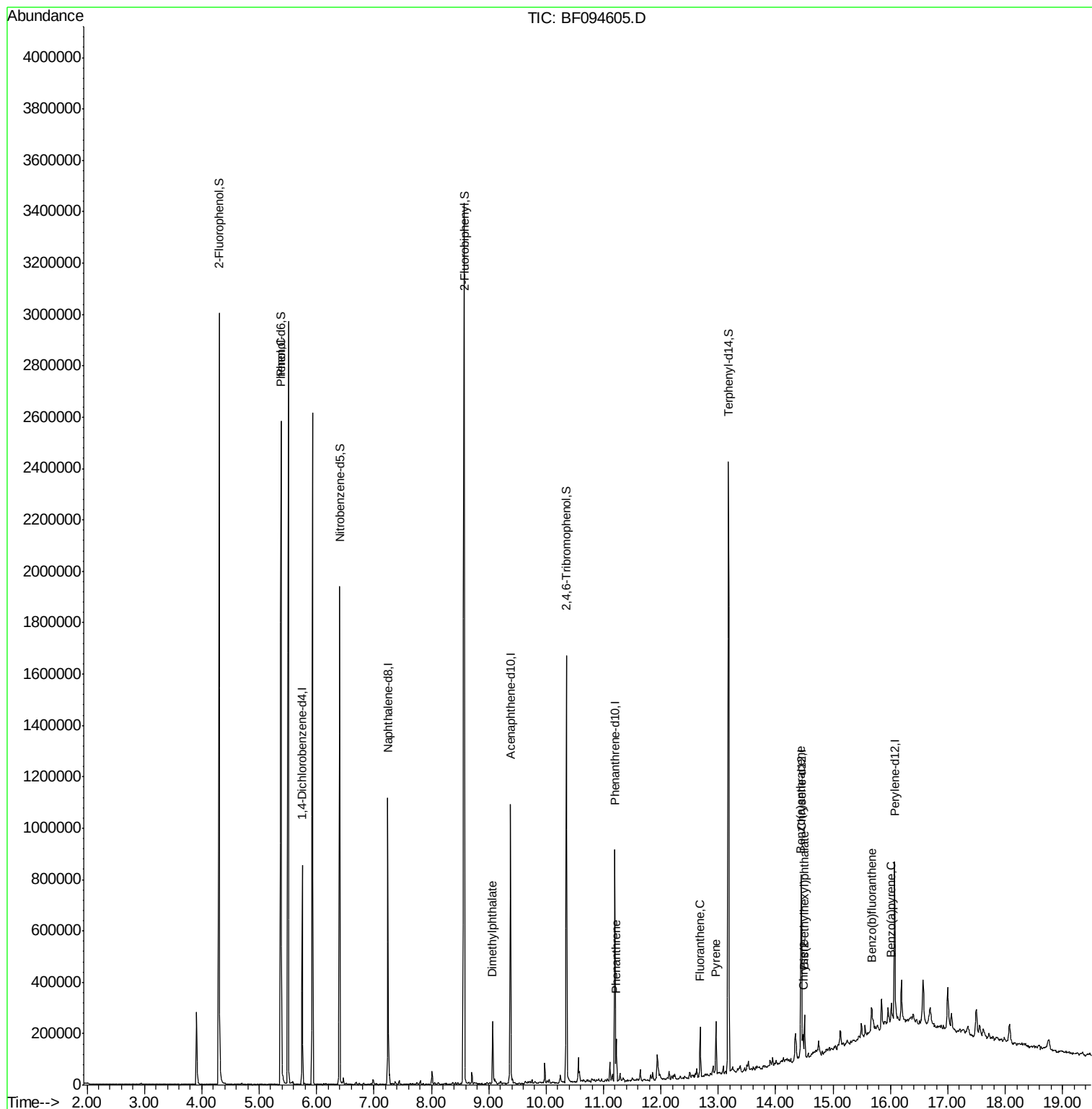
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
Data File : BF094605.D
Acq On : 25 Apr 2017 15:20
Operator : SJ/MA
Sample : I2810-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

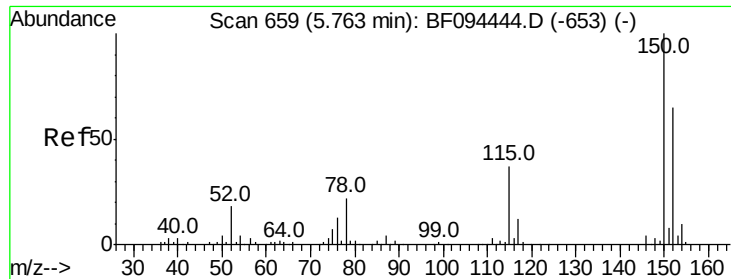
Instrument :
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FAZTECSELECTFILL

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#1

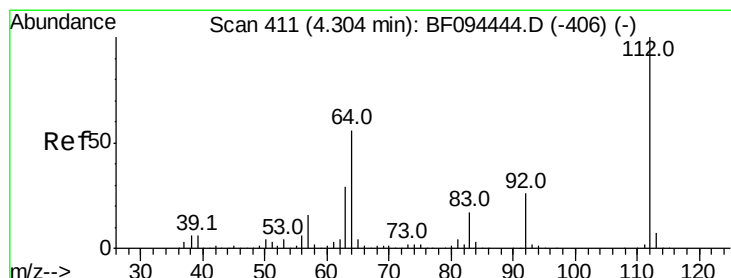
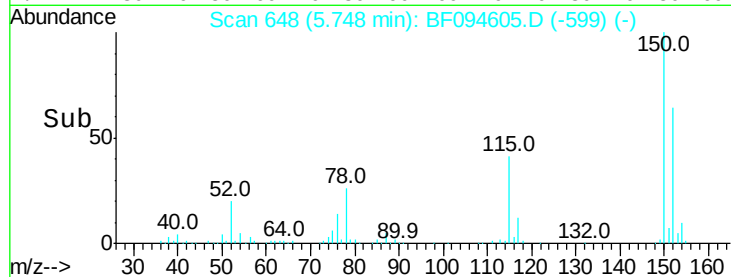
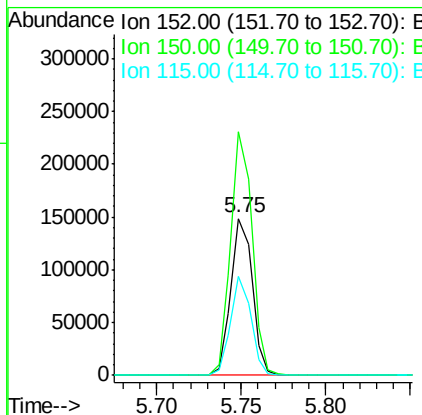
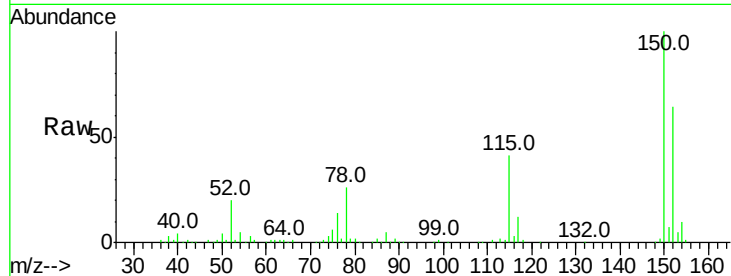
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.75 min Scan# 648
Delta R.T. -0.01 min
Lab File: BF094605.D
Acq: 25 Apr 2017 15:20

Instrument :
BNA_F
ClientSampleId :
FAZTECSELECTFILL

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	126.2	189.2
115	63.4	52.2	78.2

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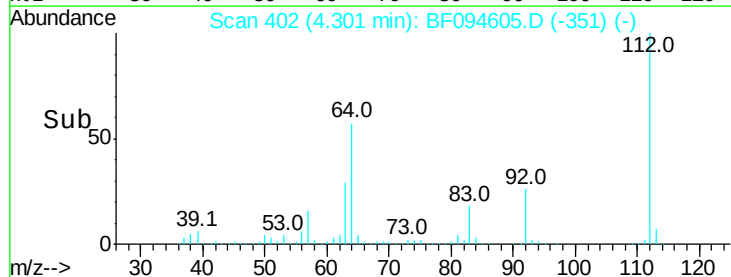
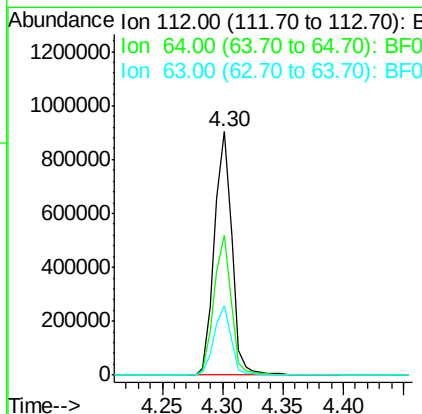
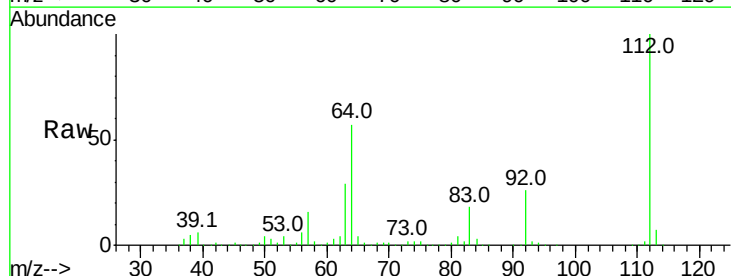
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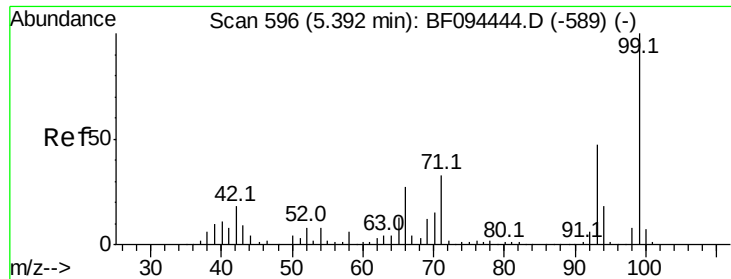


#5

2-Fluorophenol
Concen: 113.03 ng
RT: 4.30 min Scan# 402
Delta R.T. -0.00 min
Lab File: BF094605.D
Acq: 25 Apr 2017 15:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.5	46.0	69.0
63	28.6	23.4	35.0





#7

Phenol-d6

Concen: 122.28 ng

RT: 5.38 min Scan# 585

Delta R.T. -0.01 min

Lab File: BF094605.D

Acq: 25 Apr 2017 15:20

Instrument :

BNA_F

ClientSampleId :

FAZTECSELECTFILL

Tot Ion: 99 Resp: 1143607

Ion Ratio Lower Upper

99 100

42 17.7 13.5 20.3

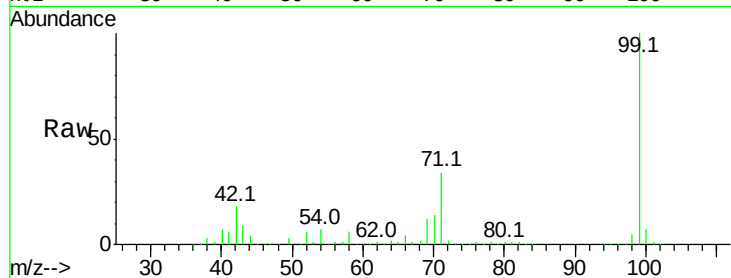
71 33.5 24.5 36.7

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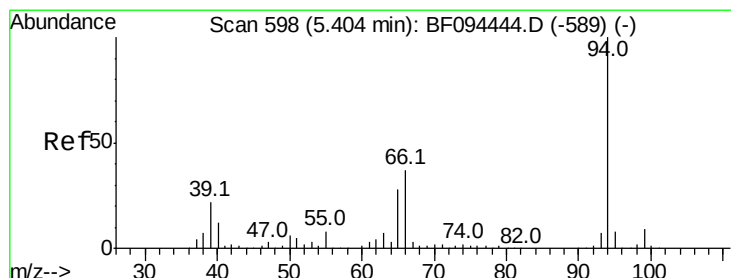
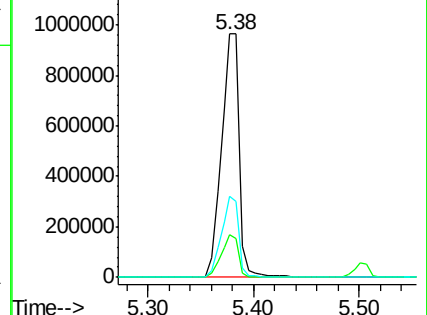
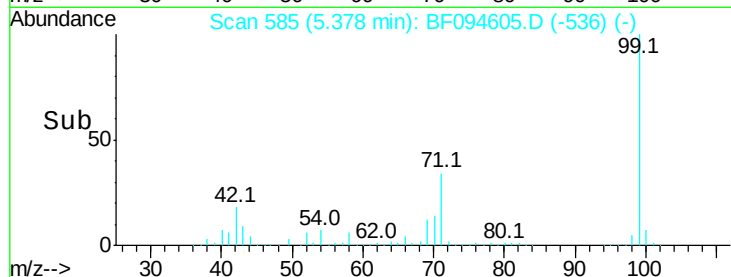
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 5.04 ng

RT: 5.39 min Scan# 587

Delta R.T. -0.01 min

Lab File: BF094605.D

Acq: 25 Apr 2017 15:20

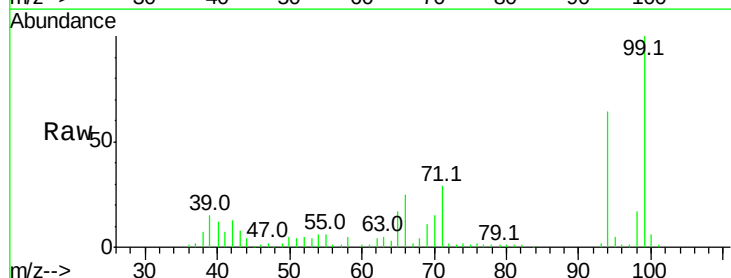
Tgt Ion: 94 Resp: 57919

Ion Ratio Lower Upper

94 100

65 27.1 9.9 49.9

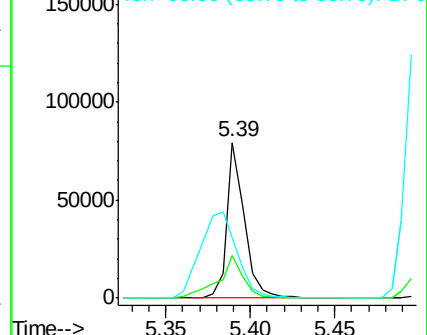
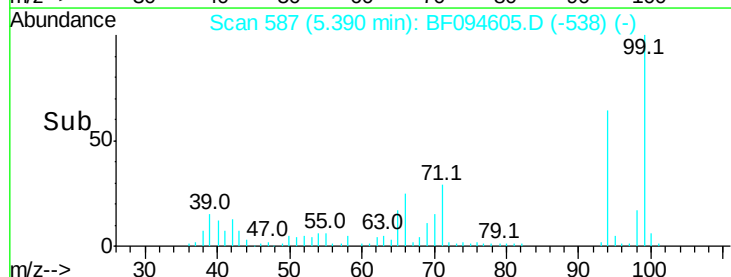
66 39.2 23.1 63.1

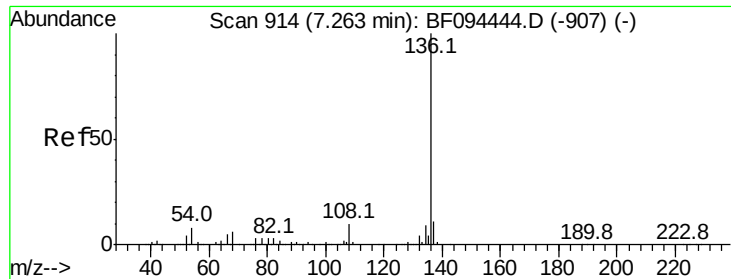


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





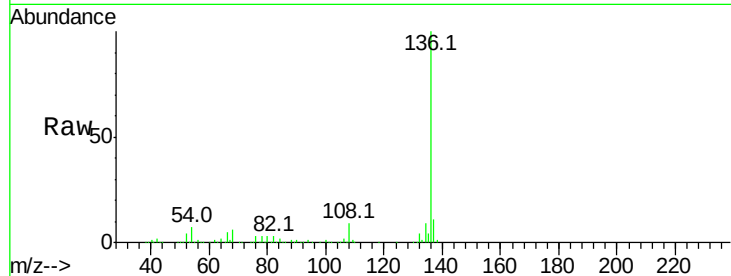
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.24 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF094605.D
Acq: 25 Apr 2017 15:20

Instrument :
BNA_F
ClientSampleId :
FAZTECSELECTFILL

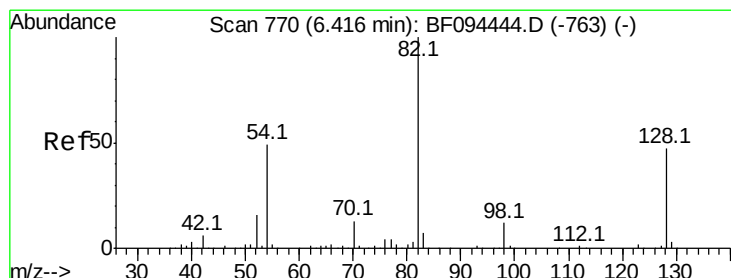
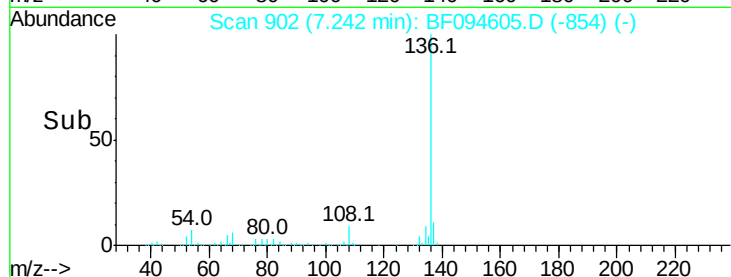
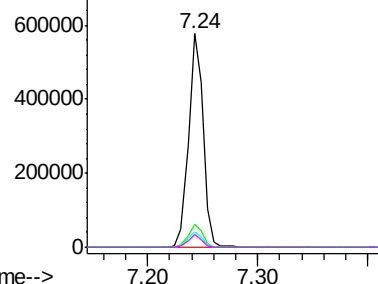
Tot Ion	Ratio	Resp	Lower	Upper
136	100	526313		
137	11.0		8.5	12.7
54	7.5		4.9	7.3#
68	5.7		4.1	6.1

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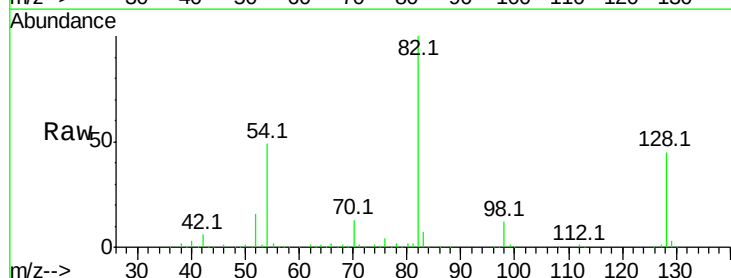


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

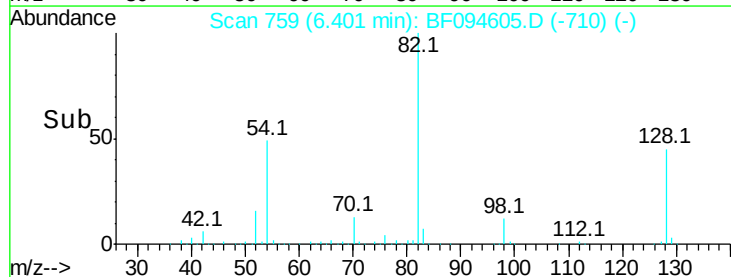
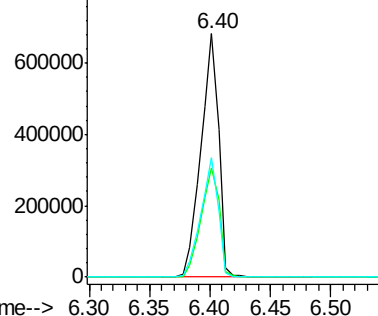


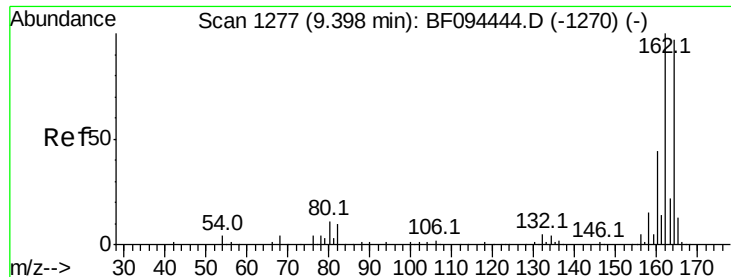
#23
Nitrobenzene-d5
Concen: 81.83 ng
RT: 6.40 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF094605.D
Acq: 25 Apr 2017 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	697465		
128	44.9		34.0	51.0
54	49.1		42.2	63.2



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: 9.38 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BF094605.D

Acq: 25 Apr 2017 15:20

Instrument :

BNA_F

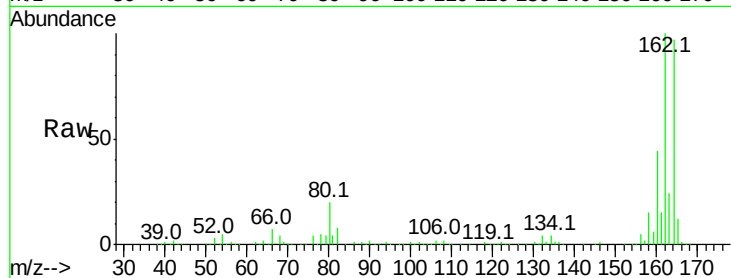
ClientSampleId :

FAZTECSELECTFILL

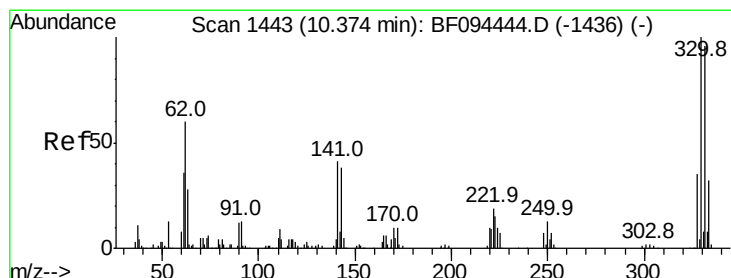
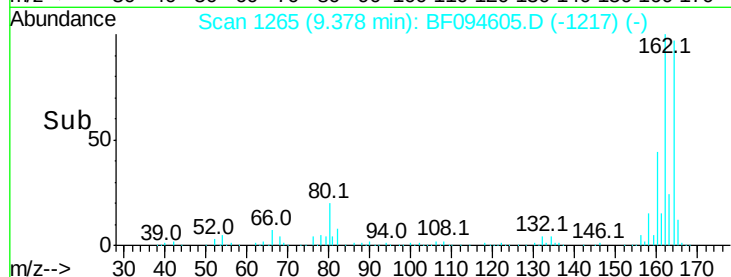
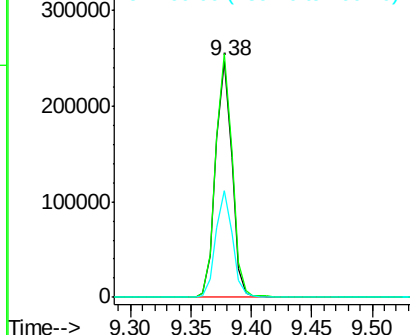
Tot Ion:	164	Resp:	228847
Ion Ratio	Lower	Upper	
164	100		
162	103.2	82.6	123.8
160	45.1	36.2	54.2

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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: 115.55 ng

RT: 10.35 min Scan# 1431

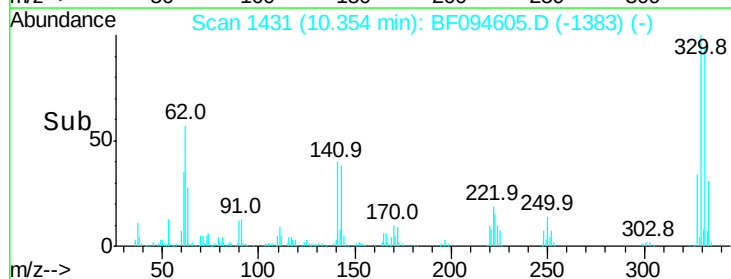
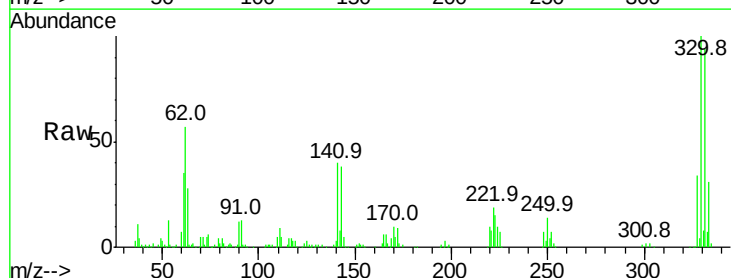
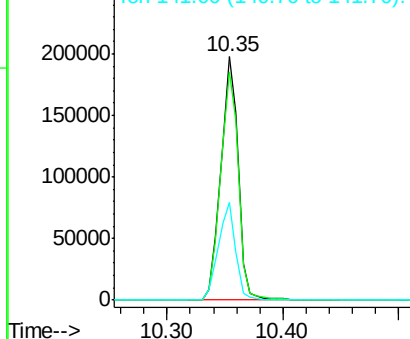
Delta R.T. -0.02 min

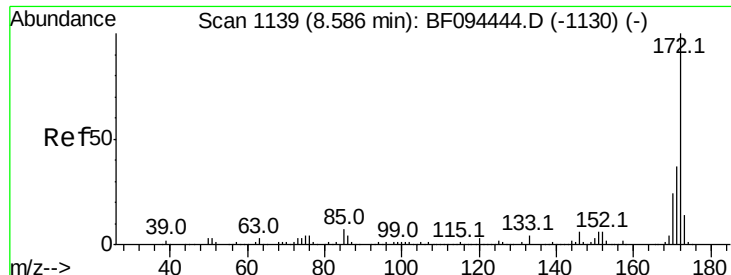
Lab File: BF094605.D

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Tgt Ion:	330	Resp:	206827
Ion Ratio	Lower	Upper	
330	100		
332	96.2	76.6	115.0
141	39.9	31.4	47.2

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: 80.68 ng

RT: 8.57 min Scan# 1128

Delta R.T. -0.01 min

Lab File: BF094605.D

Acq: 25 Apr 2017 15:20

Instrument :

BNA_F

ClientSampleId :

FAZTECSELECTFILL

Tot Ion:172 Resp: 1254911

Ion Ratio Lower Upper

172 100

171 35.8 29.6 44.4

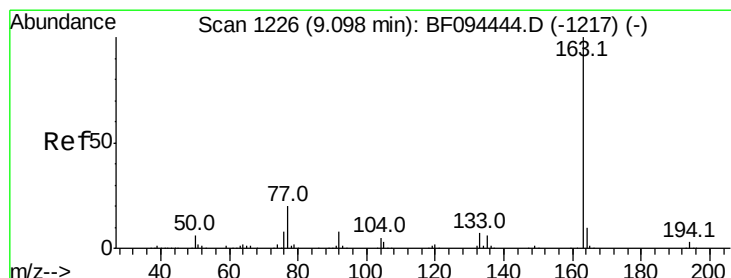
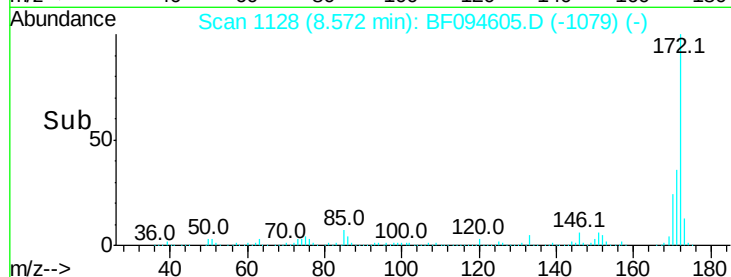
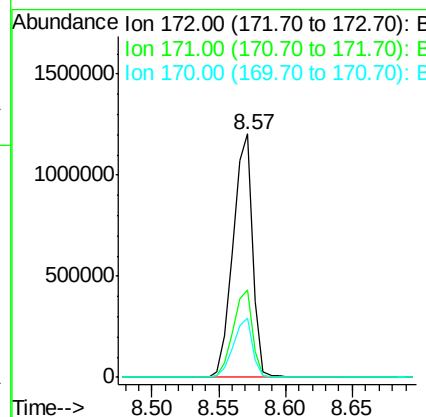
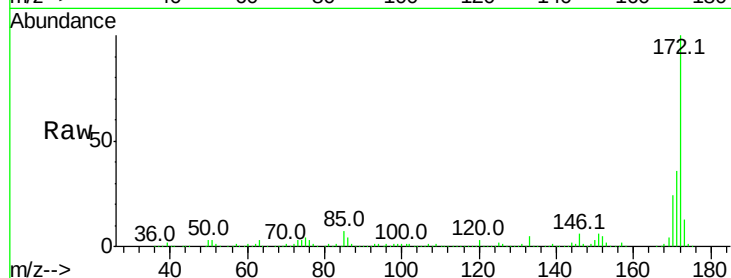
170 24.2 19.8 29.8

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#49

Dimethylphthalate

Concen: 6.56 ng

RT: 9.07 min Scan# 1212

Delta R.T. -0.03 min

Lab File: BF094605.D

Acq: 25 Apr 2017 15:20

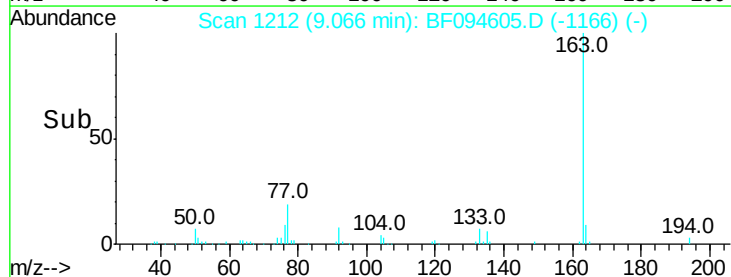
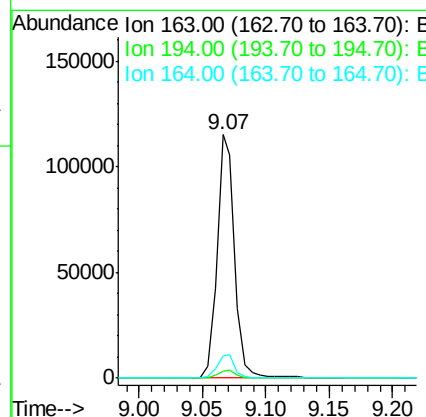
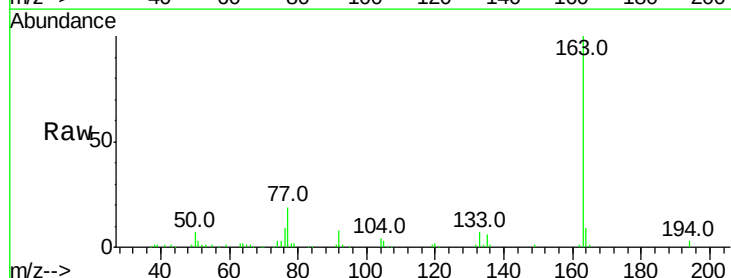
Tgt Ion:163 Resp: 111828

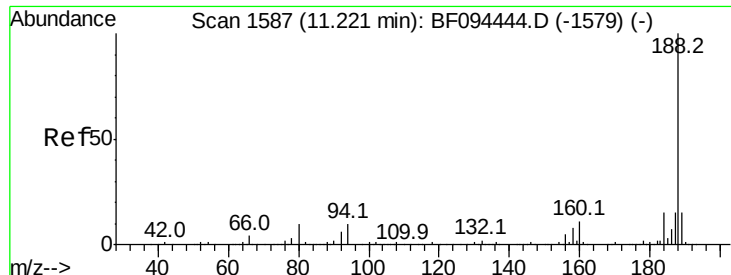
Ion Ratio Lower Upper

163 100

194 2.7 2.6 4.0

164 9.3 8.4 12.6





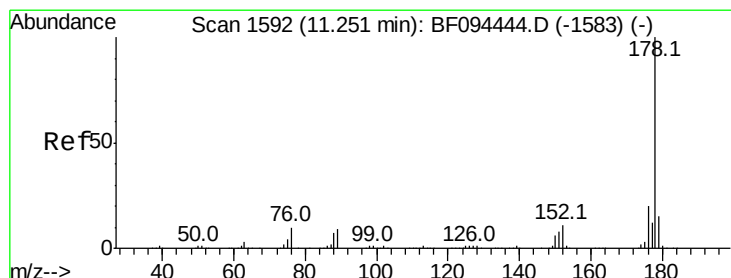
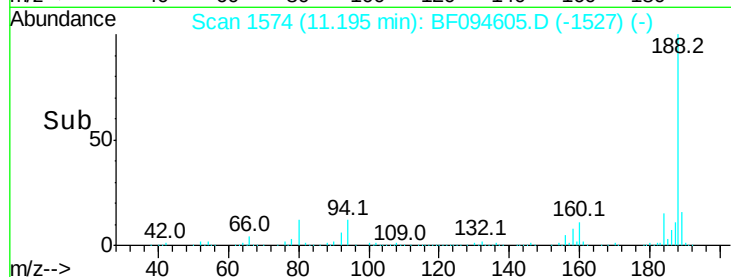
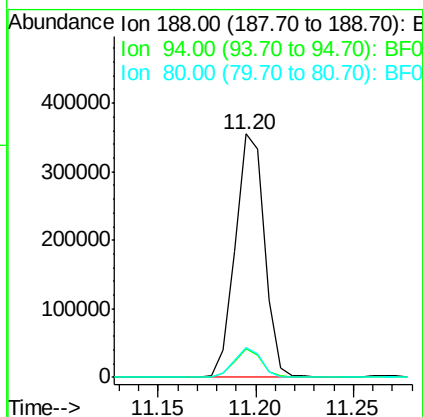
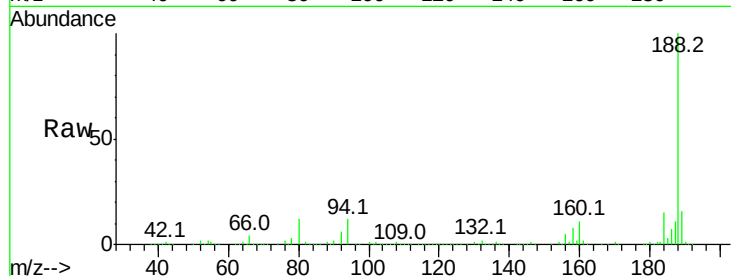
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 1574
Delta R.T. -0.03 min
Lab File: BF094605.D
Acq: 25 Apr 2017 15:20

Instrument :
BNA_F
ClientSampleId :
FAZTECSELECTFILL

Tot Ion	Ratio	Resp	Lower	Upper
188	100	370157		
94	11.6		9.4	14.2
80	12.3		10.2	15.2

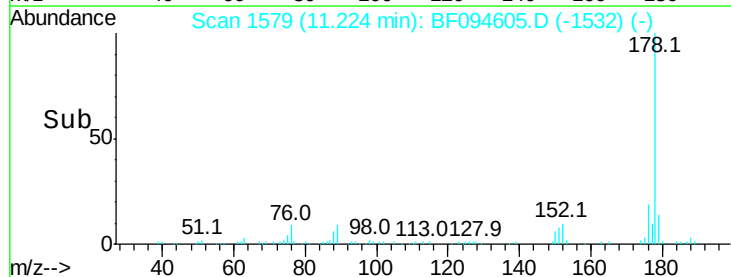
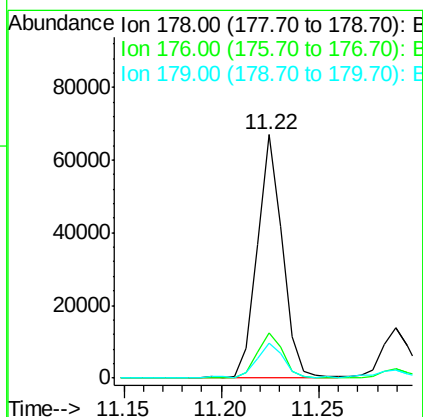
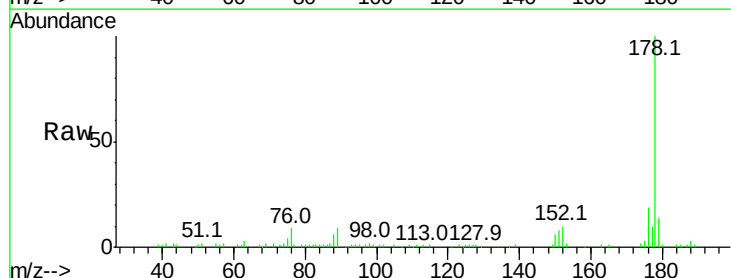
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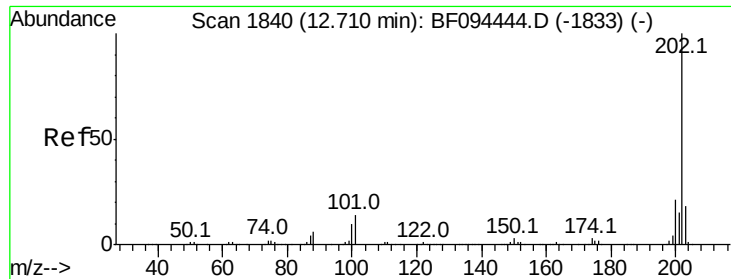
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#70
Phenanthrene
Concen: 2.87 ng
RT: 11.22 min Scan# 1579
Delta R.T. -0.03 min
Lab File: BF094605.D
Acq: 25 Apr 2017 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	59906		
176	18.7		16.2	24.4
179	14.4		12.6	19.0





#74

Fluoranthene

Concen: 4.28 ng

RT: 12.69 min Scan# 1828

Delta R.T. -0.02 min

Lab File: BF094605.D

Acq: 25 Apr 2017 15:20

Instrument :

BNA_F

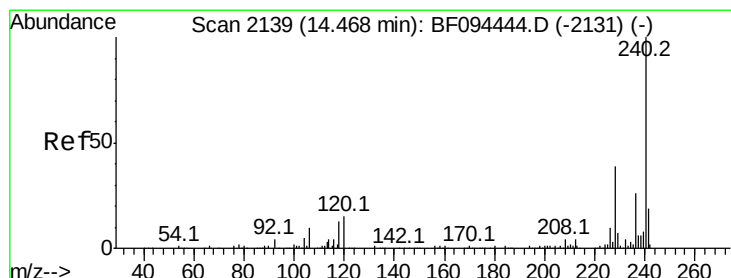
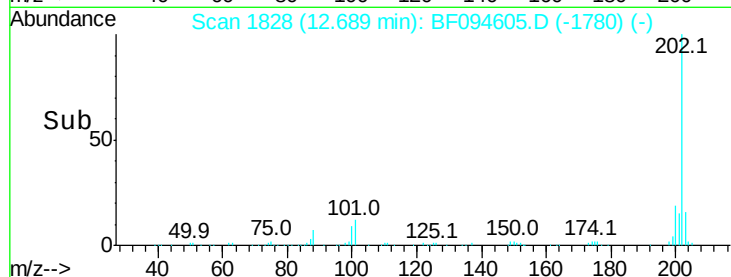
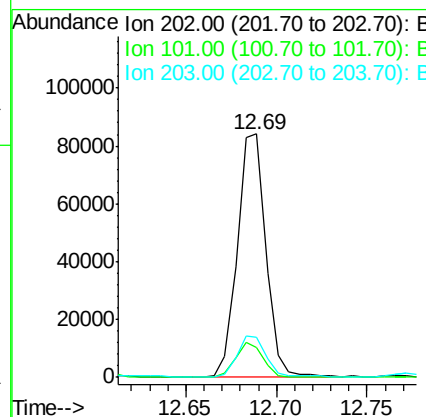
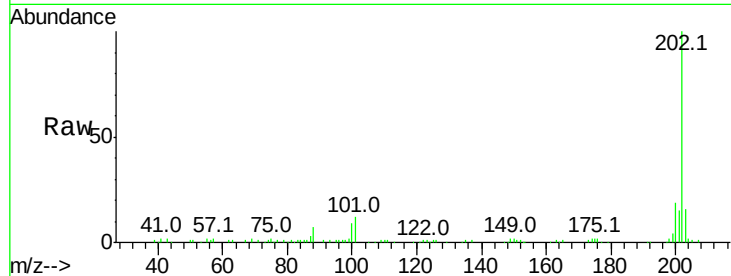
ClientSampleId :

FAZTECSELECTFILL

Tot Ion	Ratio	Resp	Lower	Upper
202	100	92398		
101	12.2	0.0	33.2	
203	16.4	0.0	38.1	

Manual Integrations
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#75

Chrysene-d12

Concen: 20.00 ng

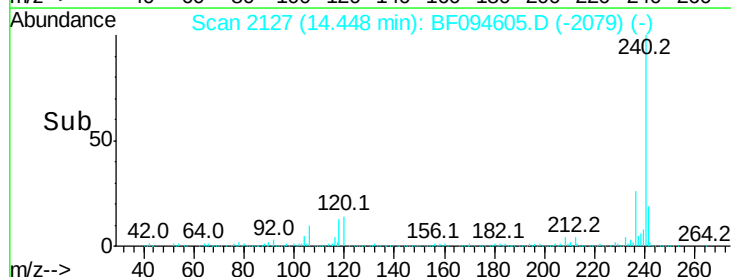
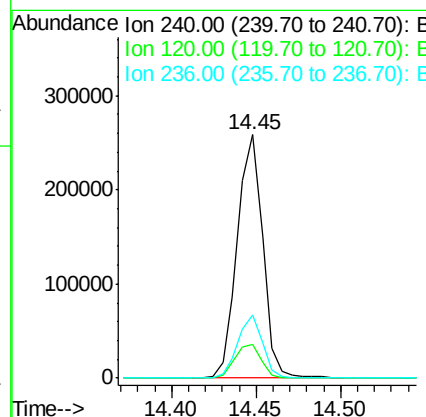
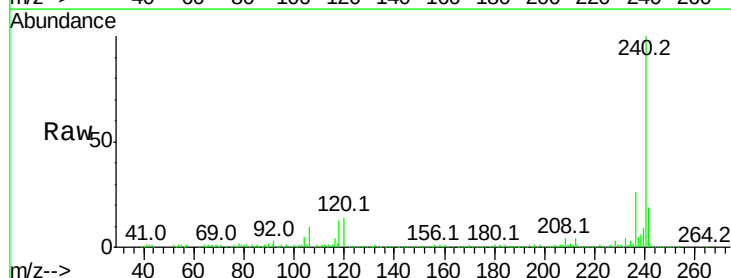
RT: 14.45 min Scan# 2127

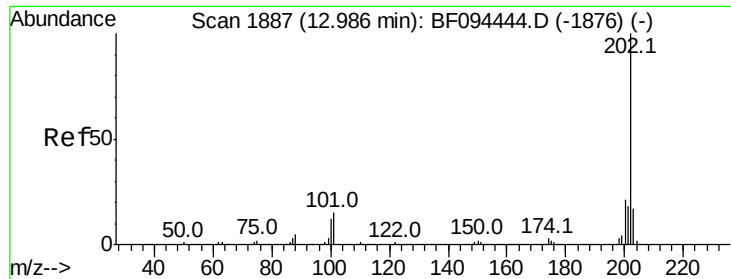
Delta R.T. -0.02 min

Lab File: BF094605.D

Acq: 25 Apr 2017 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	272822		
120	13.7	5.8	8.8#	
236	26.1	20.5	30.7	





#77

Pvrene

Concen: 4.32 ng

RT: 12.96 min Scan# 1874

Delta R.T. -0.03 min

Lab File: BF094605.D

Acq: 25 Apr 2017 15:20

Instrument :

BNA_F

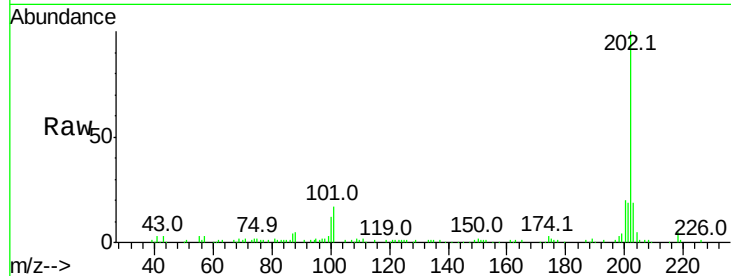
ClientSampleId :

FAZTECSELECTFILL

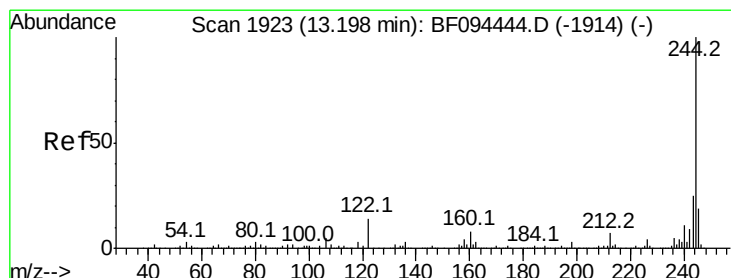
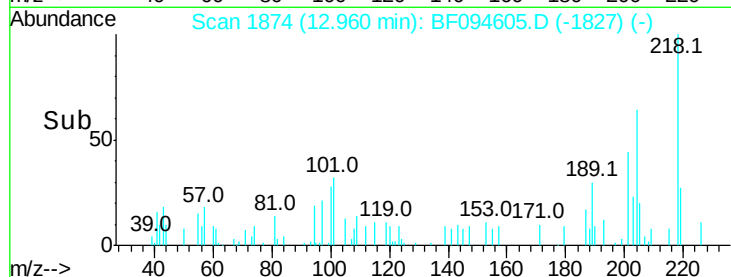
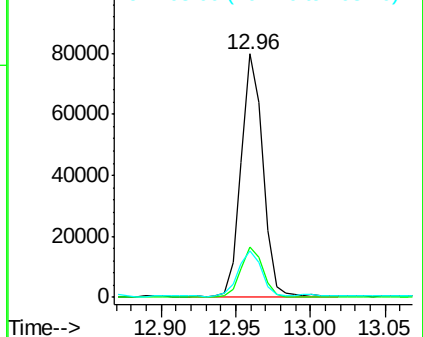
Tot Ion:202	Resp:	82269
Ion Ratio	Lower	Upper
202 100		
200 20.4	17.6	26.4
203 19.0	14.4	21.6

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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: 84.96 ng

RT: 13.18 min Scan# 1911

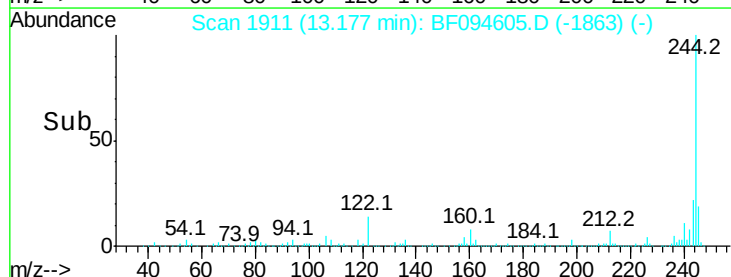
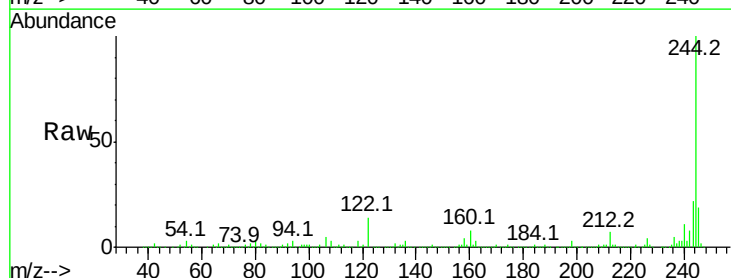
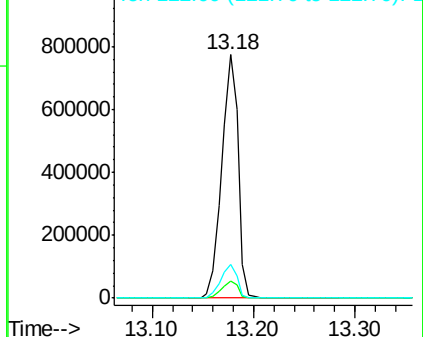
Delta R.T. -0.02 min

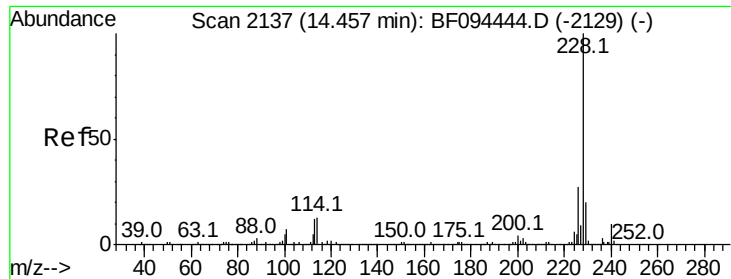
Lab File: BF094605.D

Acq: 25 Apr 2017 15:20

Tgt Ion:244	Resp:	867215
Ion Ratio	Lower	Upper
244 100		
212 7.1	6.0	9.0
122 13.7	10.3	15.5

Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





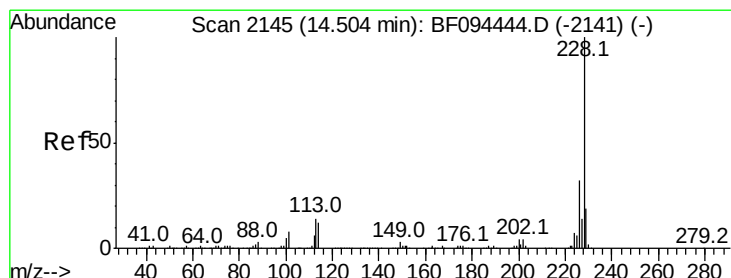
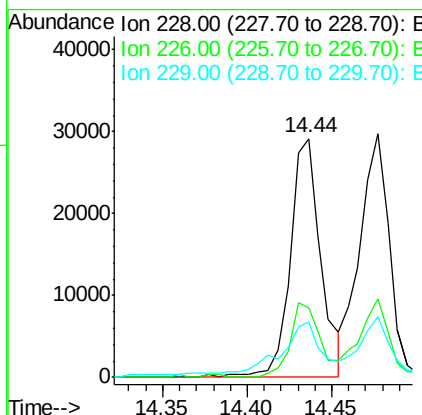
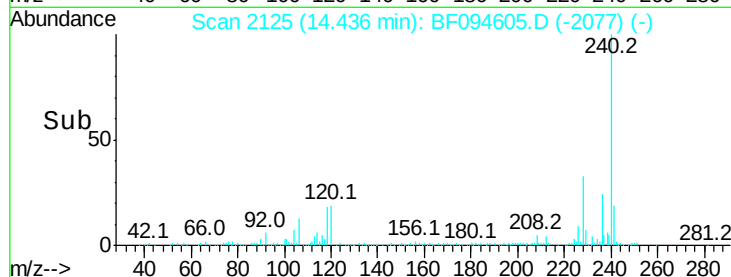
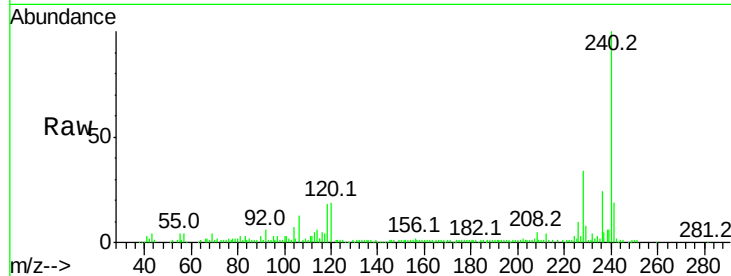
#80
Benzo(a)anthracene
Concen: 2.31 ng
RT: 14.44 min Scan# 2125
Delta R.T. -0.02 min
Lab File: BF094605.D
Acq: 25 Apr 2017 15:20

Instrument :
BNA_F
ClientSampleId :
FAZTECSELECTFILL

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.6	33.8
229	23.3	16.3	24.5

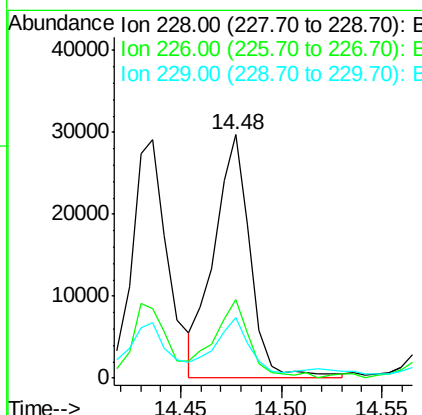
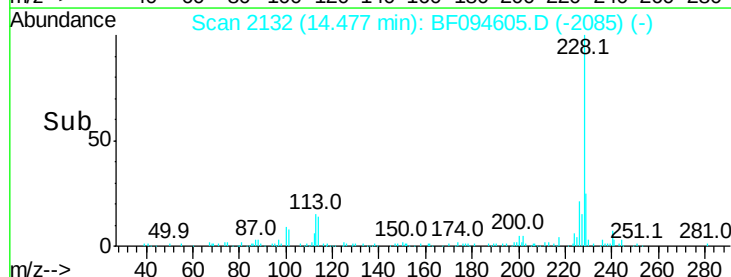
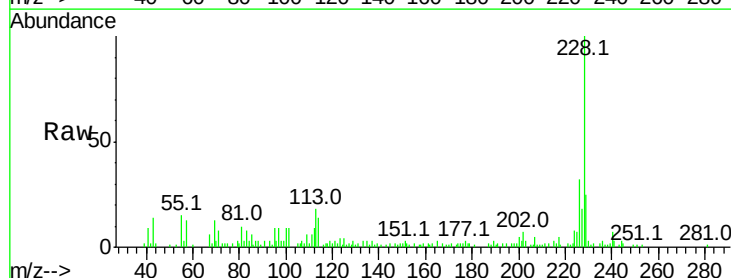
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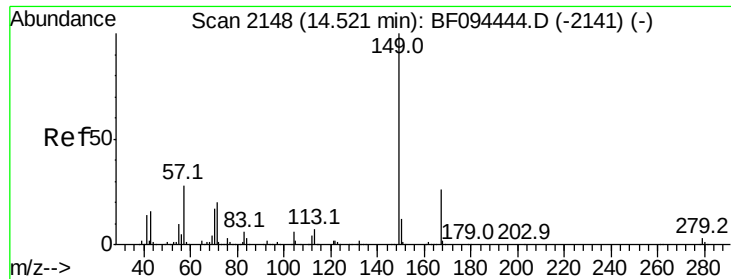
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#82
Chrysene
Concen: 2.57 ng m
RT: 14.48 min Scan# 2132
Delta R.T. -0.03 min
Lab File: BF094605.D
Acq: 25 Apr 2017 15:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.9	37.3
229	24.7	15.8	23.6#





#83

Bis(2-ethylhexyl)phthalate

Concen: 5.11 ng

RT: 14.51 min Scan# 2137

Delta R.T. -0.01 min

Lab File: BF094605.D

Acq: 25 Apr 2017 15:20

Instrument :

BNA_F

ClientSampleId :

FAZTECSELECTFILL

Tot Ion:149 Resp: 57288

Ion Ratio Lower Upper

149 100

167 27.4 21.0 31.4

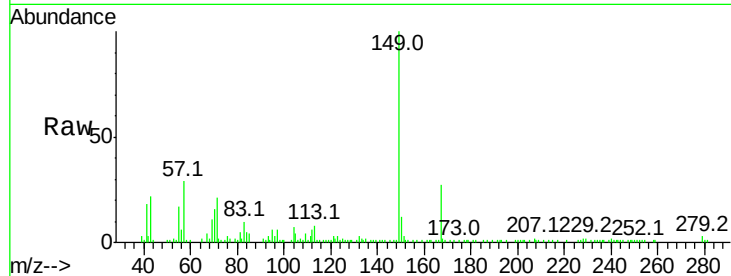
279 3.1 1.9 2.9#

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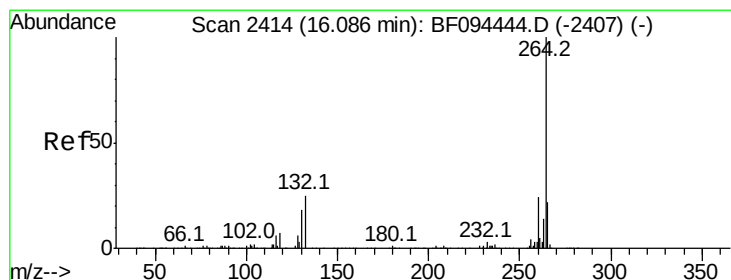
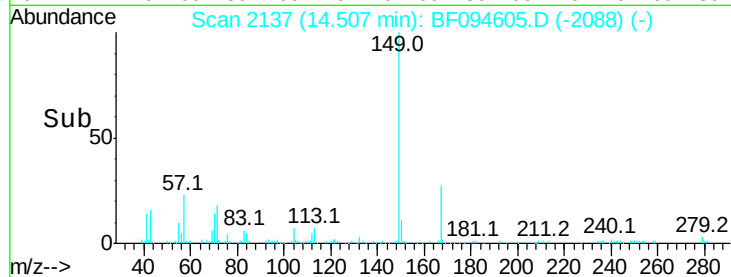
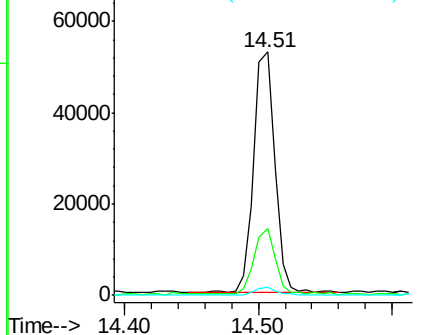
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.08 min Scan# 2404

Delta R.T. -0.01 min

Lab File: BF094605.D

Acq: 25 Apr 2017 15:20

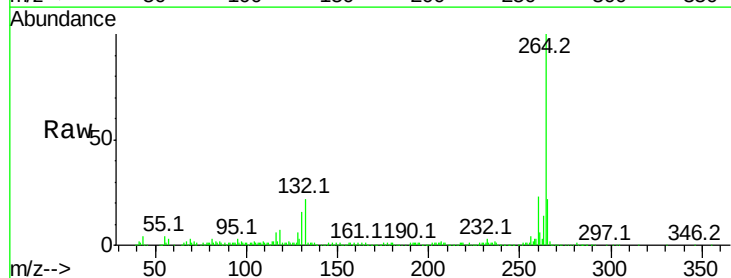
Tgt Ion:264 Resp: 261553

Ion Ratio Lower Upper

264 100

260 23.1 19.5 29.3

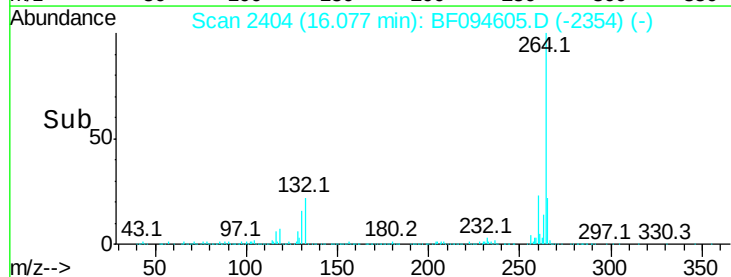
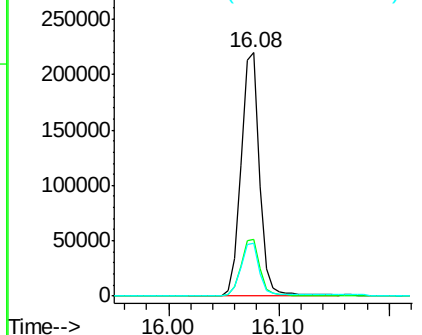
265 21.9 17.2 25.8

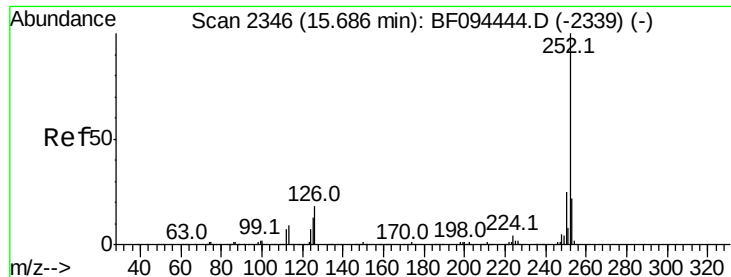


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 2.93 ng

RT: 15.67 min Scan# 2335

Delta R.T. -0.01 min

Lab File: BF094605.D

Acq: 25 Apr 2017 15:20

Instrument :

BNA_F

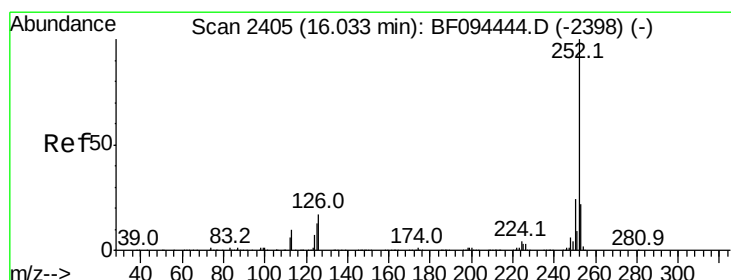
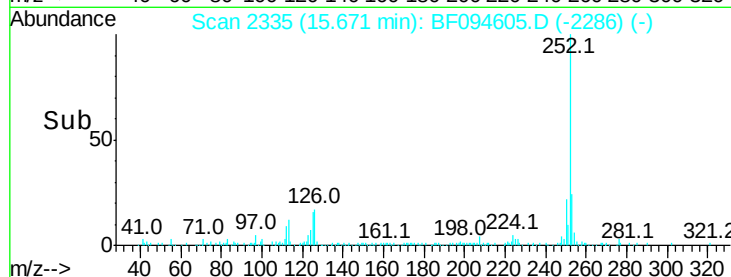
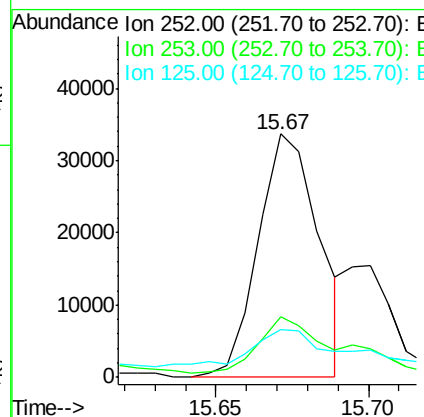
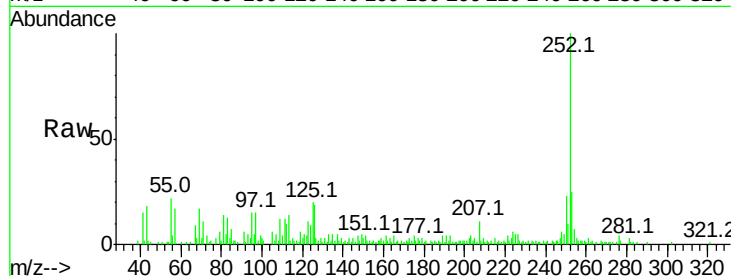
ClientSampleId :

FAZTECSELECTFILL

Tot Ion:	252	Resp:	46809
Ion Ratio	Lower	Upper	
252	100		
253	25.0	18.1	27.1
125	19.8	9.8	14.8#

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#89

Benzo(a)pyrene

Concen: 2.13 ng

RT: 16.02 min Scan# 2394

Delta R.T. -0.01 min

Lab File: BF094605.D

Acq: 25 Apr 2017 15:20

Tgt Ion:	252	Resp:	31691
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.5	26.3
125	20.5	11.0	16.4#

