

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030518\
 Data File : BF103430.D
 Acq On : 6 Mar 2018 00:54
 Operator : SJ/JU
 Sample : J1778-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Manual Integrations
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Sohil
 3/6/2018 4:23:51 PM

Quant Time: Mar 06 02:47:08 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 05 13:40:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	139383	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	563278	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	224477	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	333115	20.00	ng	0.00
75) Chrysene-d12	14.07	240	209735	20.00	ng	0.00
86) Perylene-d12	15.58	264	147357	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1036984	112.52	ng	0.00
7) Phenol-d6	6.52	99	1276786	113.22	ng	0.00
23) Nitrobenzene-d5	7.44	82	742110	75.24	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	157709	83.00	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	921501	67.24	ng	0.00
78) Terphenyl-d14	13.00	244	646393	74.09	ng	0.00
Target Compounds						
59) Diethylphthalate	10.32	149	399624	23.203	ng	99
70) Phenanthrene	11.43	178	51159	2.791	ng	98
73) Di-n-butylphthalate	11.96	149	803109	34.285	ng	99
74) Fluoranthene	12.63	202	90377	4.906	ng	99
77) Pyrene	12.86	202	103809	6.348	ng	99
80) Benzo(a)anthracene	14.06	228	46332m	3.405	ng	
82) Chrysene	14.09	228	49031m	3.711	ng	
87) Benzo(b)fluoranthene	15.13	252	46076m	4.756	ng	
89) Benzo(a)pyrene	15.52	252	30393	3.513	ng	# 82
91) Benzo(g,h,i)perylene	17.60	276	20105	3.077	ng	# 87

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

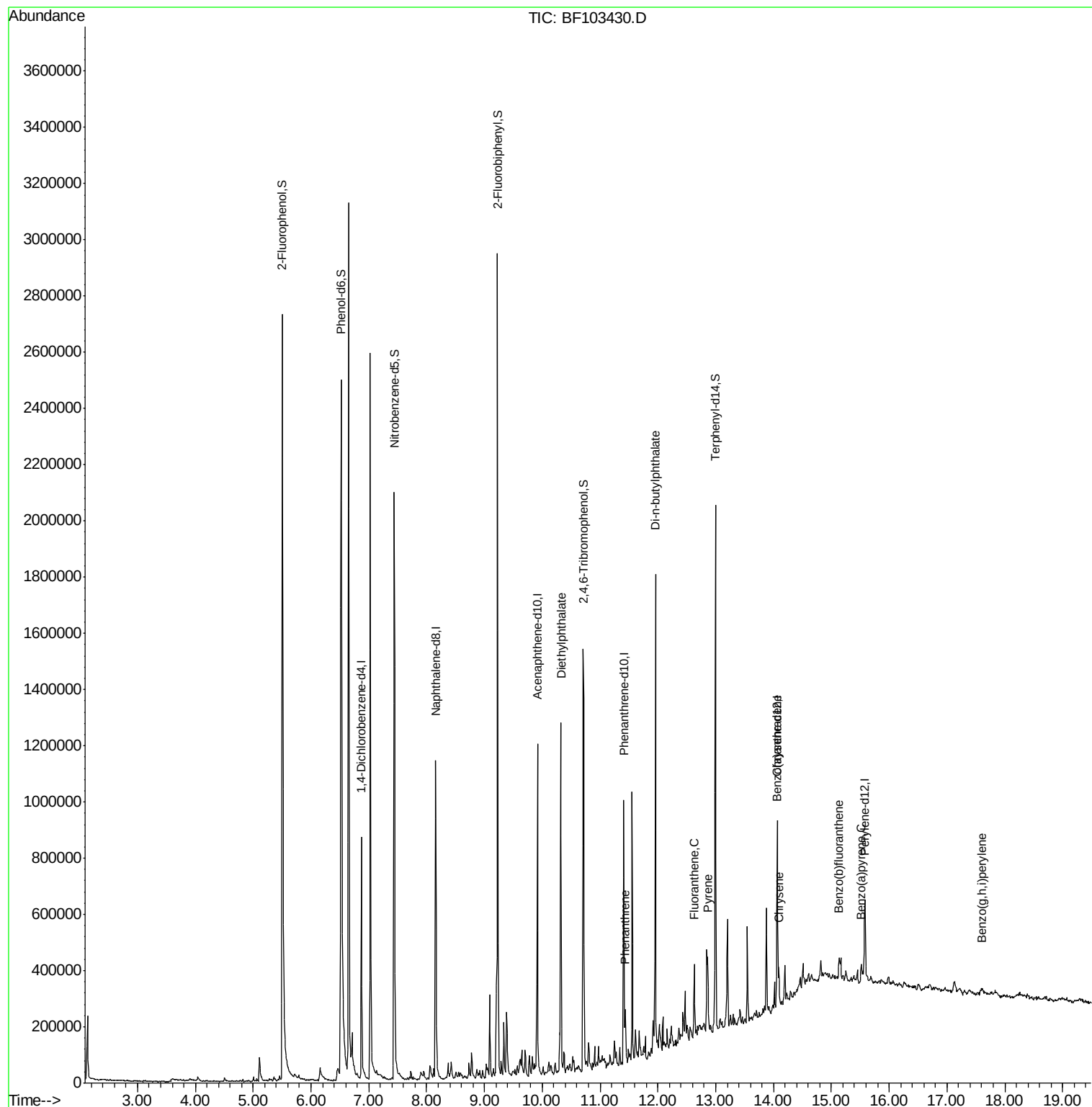
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103430.D
Acq On : 6 Mar 2018 00:54
Operator : SJ/JU
Sample : J1778-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

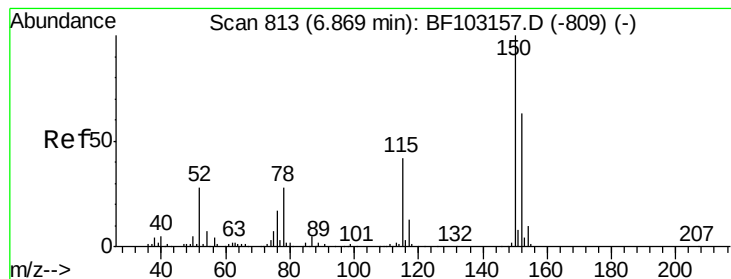
Instrument :
BNA_F
ClientSampleId :
TP-5

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Response via : Initial Calibration





#1

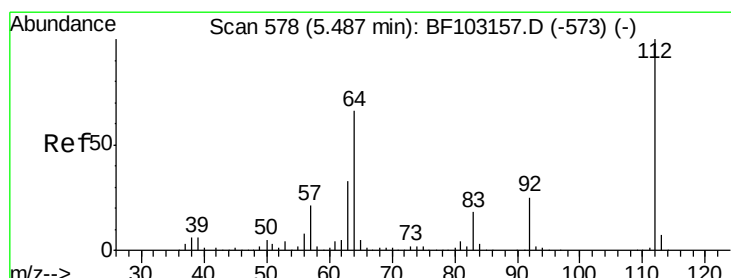
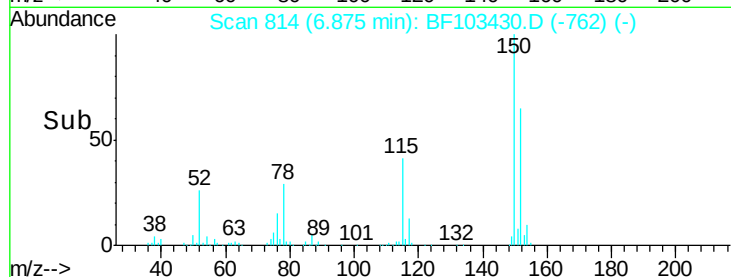
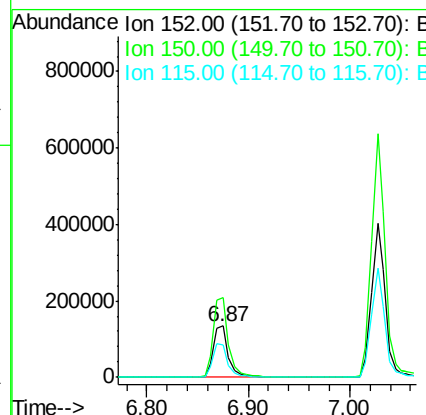
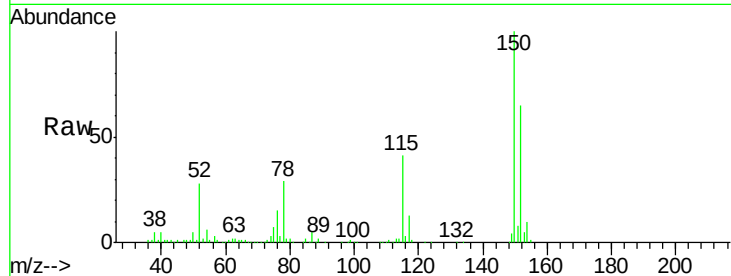
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF103430.D
Acq: 6 Mar 2018 00:54

Instrument :
BNA_F
ClientSampled :
TP-5

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.6	186.8
115	63.4	50.1	75.1

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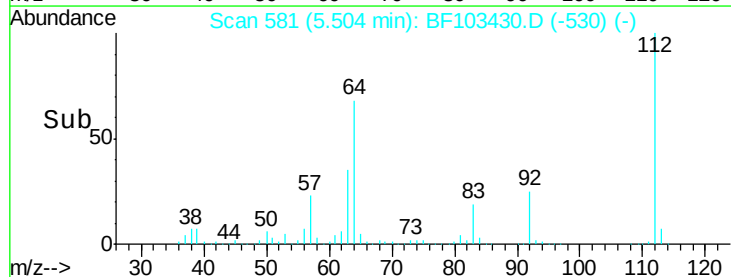
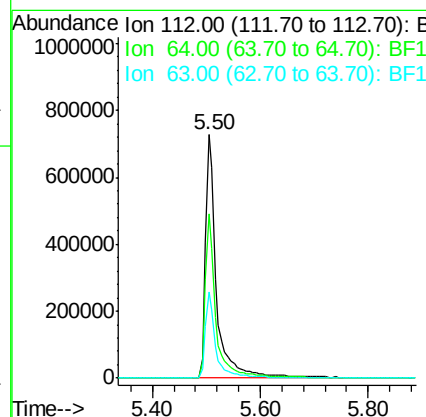
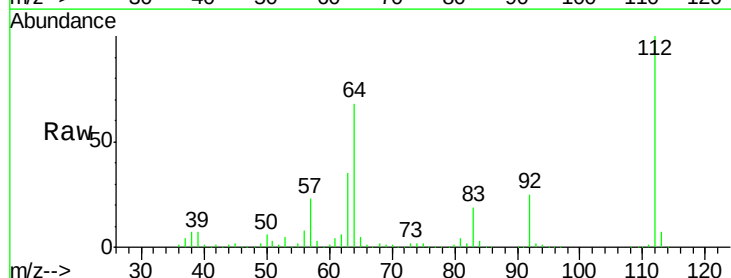
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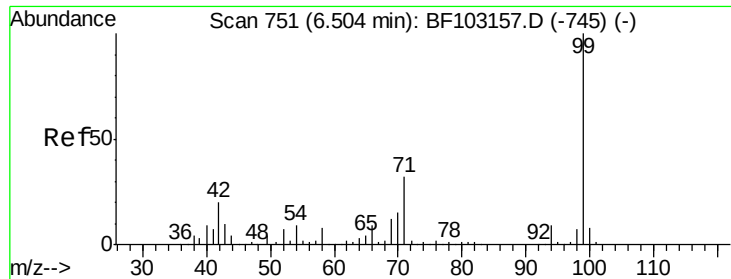


#5

2-Fluorophenol
Concen: 112.522 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.00 min
Lab File: BF103430.D
Acq: 6 Mar 2018 00:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.7	47.9	71.9
63	35.3	23.7	35.5





#7

Phenol-d6

Concen: 113.221 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF103430.D

Acq: 6 Mar 2018 00:54

Instrument :

BNA_F

ClientSampled :

TP-5

Tot Ion: 99 Resp: 1276786

Ion Ratio Lower Upper

99 100

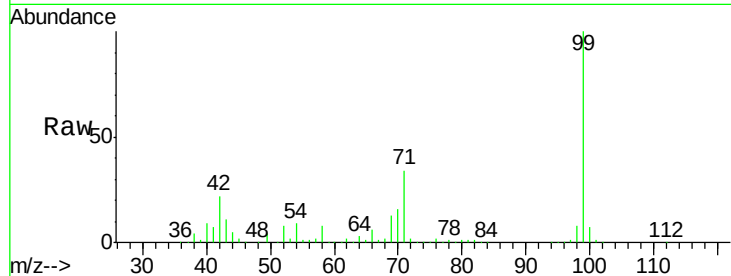
42 21.9 14.5 21.7#

71 33.7 25.4 38.0

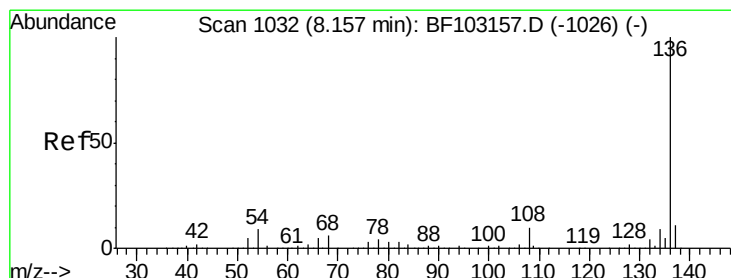
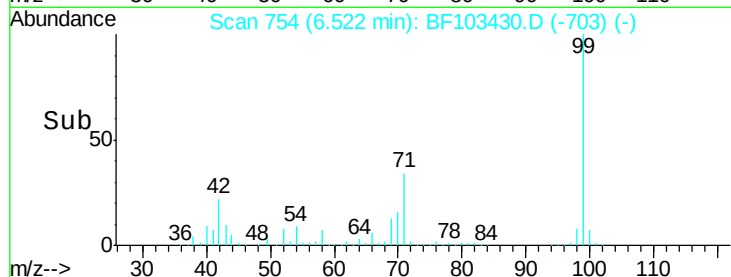
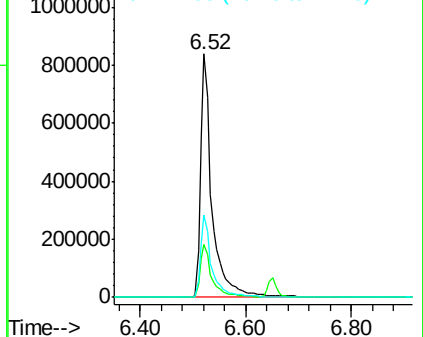
Manual Integrations
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF103430.D

Acq: 6 Mar 2018 00:54

Tgt Ion: 136 Resp: 563278

Ion Ratio Lower Upper

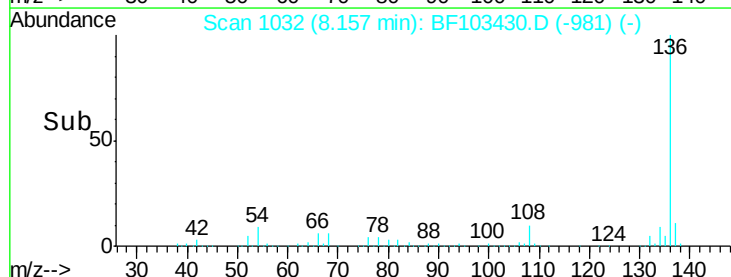
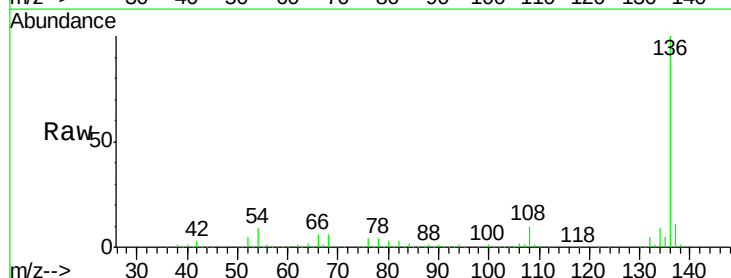
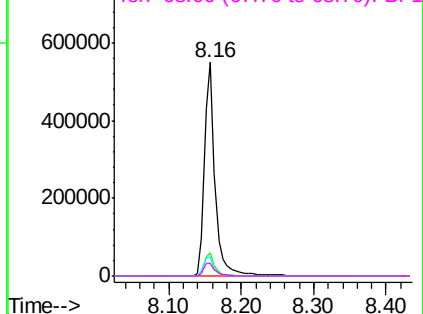
136 100

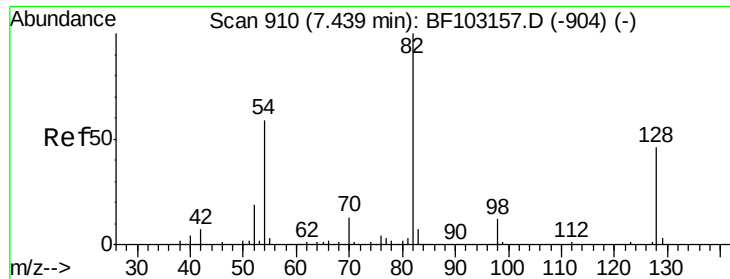
137 11.0 8.9 13.3

54 9.0 6.6 9.8

68 6.2 5.0 7.4

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): BF1
Ion 68.00 (67.70 to 68.70): BF1





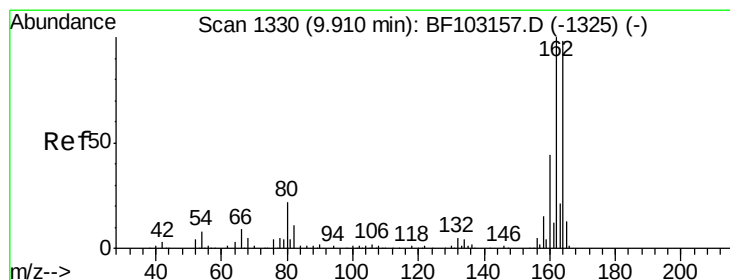
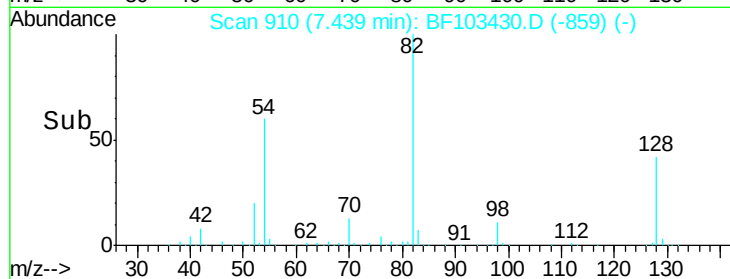
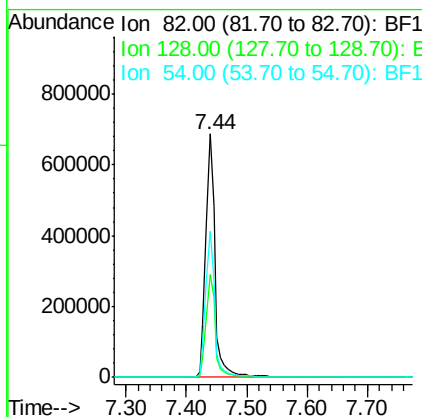
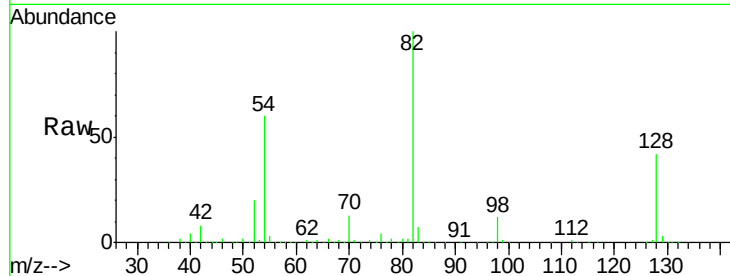
#23
 Nitrobenzene-d5
 Concen: 75.239 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: BF103430.D
 Acq: 6 Mar 2018 00:54

Instrument :
 BNA_F
 ClientSampled :
 TP-5

Tot Ion	82	Resp	742110
Ion Ratio	100	Lower	Upper
82	100		
128	42.5	36.1	54.1
54	60.0	41.4	62.2

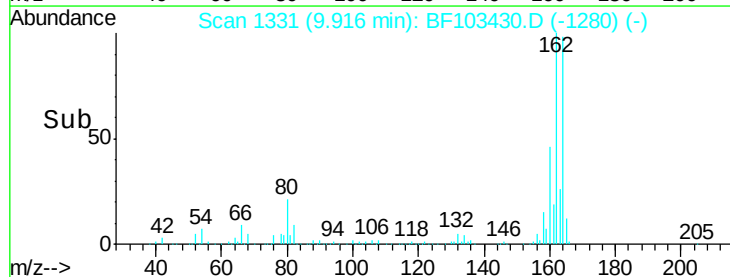
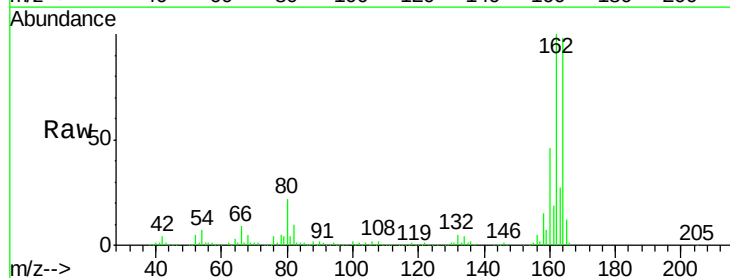
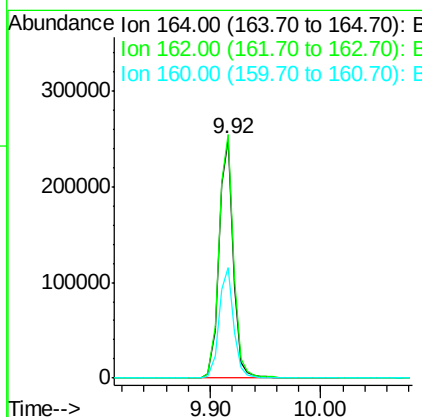
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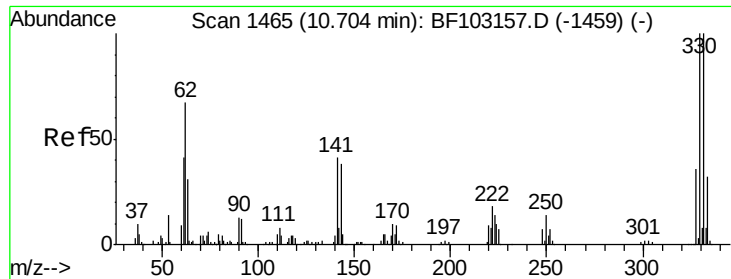
Sohil
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.00 min
 Lab File: BF103430.D
 Acq: 6 Mar 2018 00:54

Tgt Ion	164	Resp	224477
Ion Ratio	100	Lower	Upper
164	100		
162	102.0	86.1	129.1
160	46.5	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 83.001 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.00 min

Lab File: BF103430.D

Acq: 6 Mar 2018 00:54

Instrument :

BNA_F

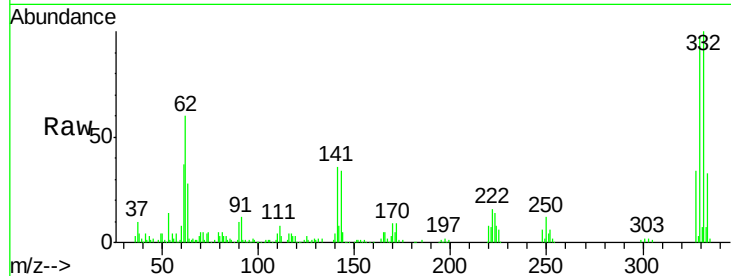
ClientSampleId :

TP-5

Tot Ion	Ratio	Lower	Upper
330	100		
332	102.7	77.0	115.6
141	47.7	29.9	44.9

Manual Integrations
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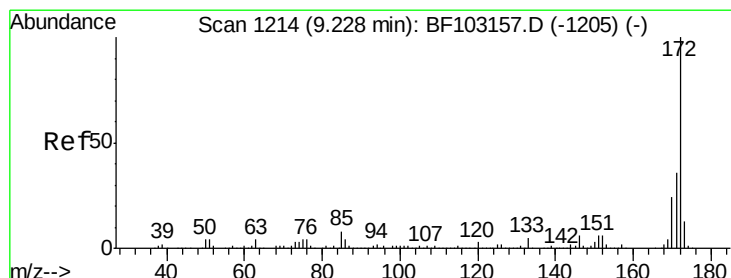
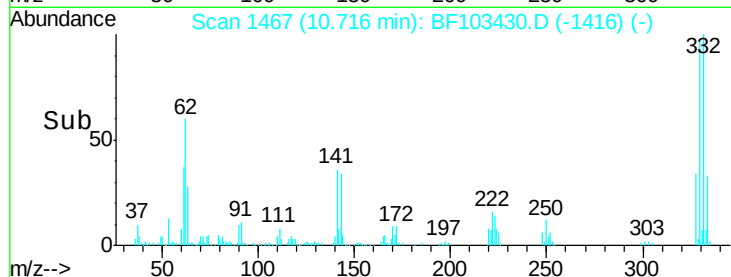
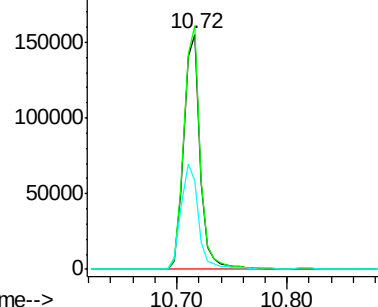


Abundance

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: 67.235 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BF103430.D

Acq: 6 Mar 2018 00:54

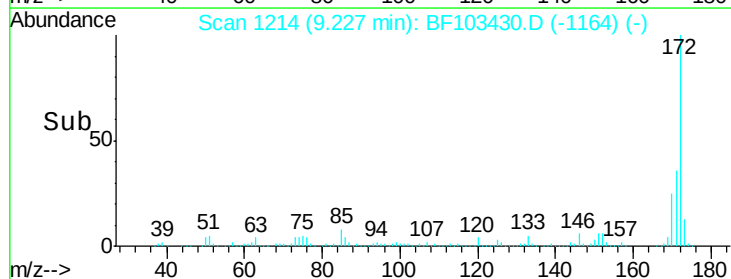
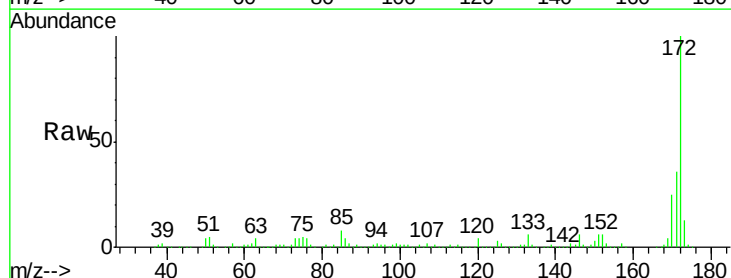
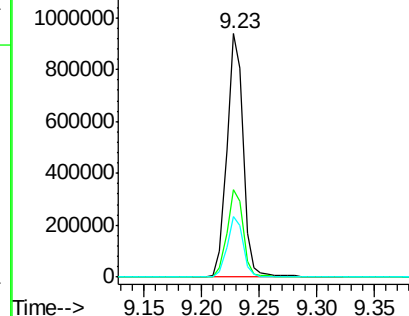
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.7	19.6	29.4

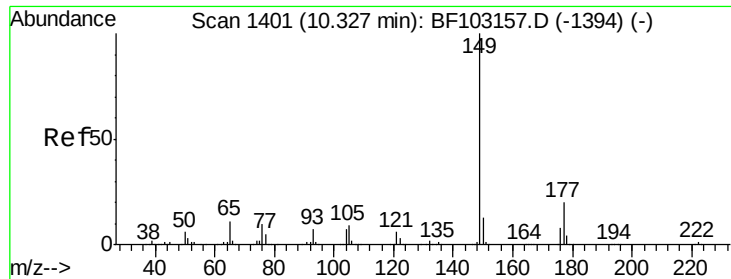
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#59

Diethylphthalate

Concen: 23.203 ng

RT: 10.32 min Scan# 1400

Delta R.T. -0.01 min

Lab File: BF103430.D

Acq: 6 Mar 2018 00:54

Instrument :

BNA_F

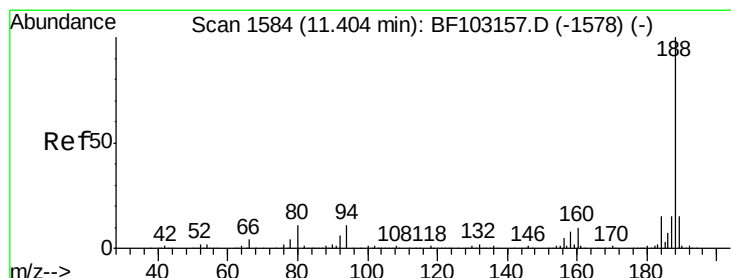
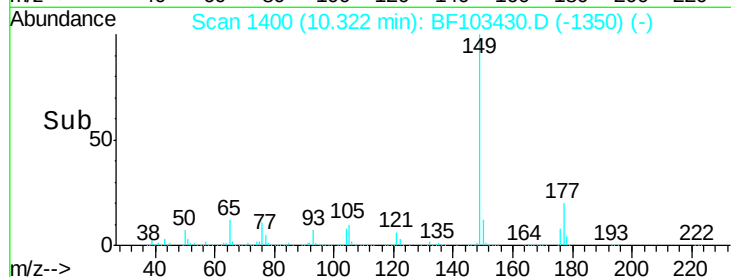
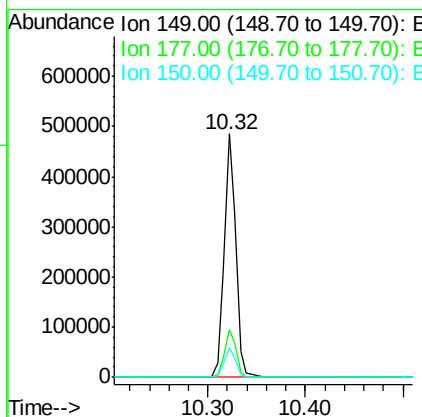
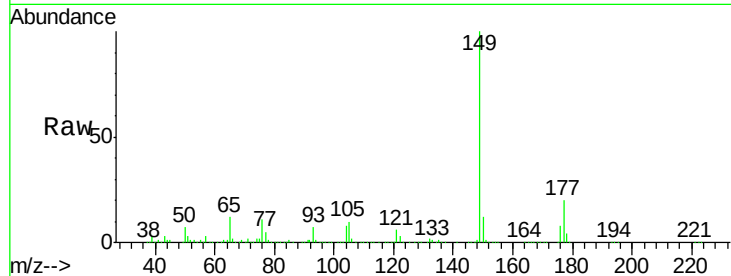
ClientSampled :

TP-5

Tot Ion:	149	Resp:	399624
Ion Ratio	Lower	Upper	
149	100		
177	19.7	16.1	24.1
150	12.3	10.1	15.1

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#63

Phenanthrene-d10

Concen: 20.000 ng

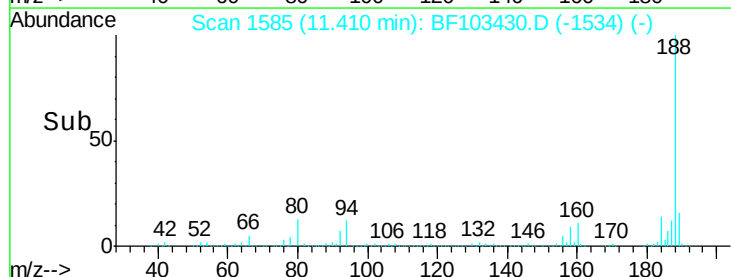
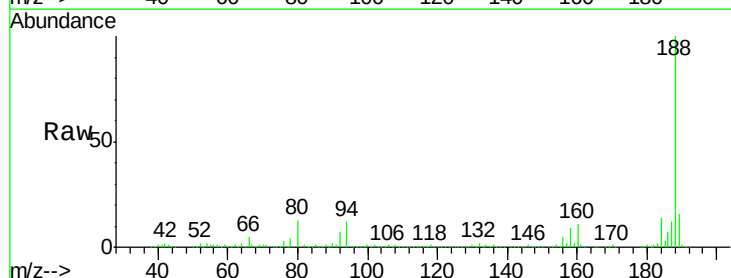
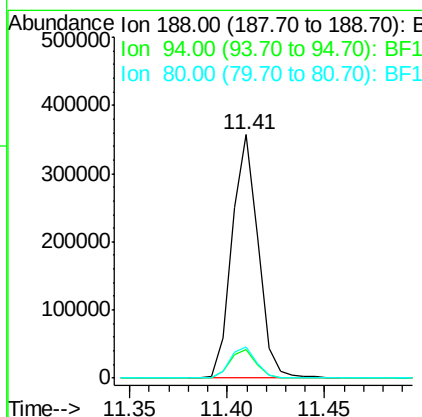
RT: 11.41 min Scan# 1585

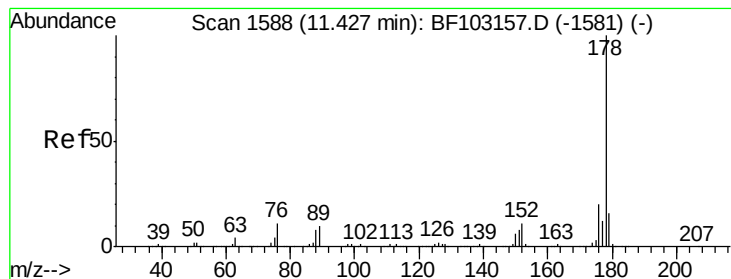
Delta R.T. 0.00 min

Lab File: BF103430.D

Acq: 6 Mar 2018 00:54

Tgt Ion:	188	Resp:	333115
Ion Ratio	Lower	Upper	
188	100		
94	11.8	8.5	12.7
80	12.6	9.2	13.8





#70

Phenanthrene

Concen: 2.791 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.00 min

Lab File: BF103430.D

Acq: 6 Mar 2018 00:54

Instrument :

BNA_F

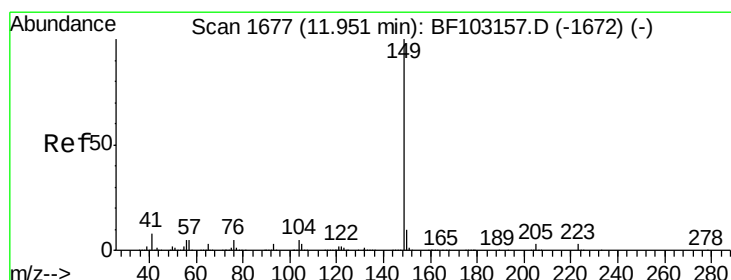
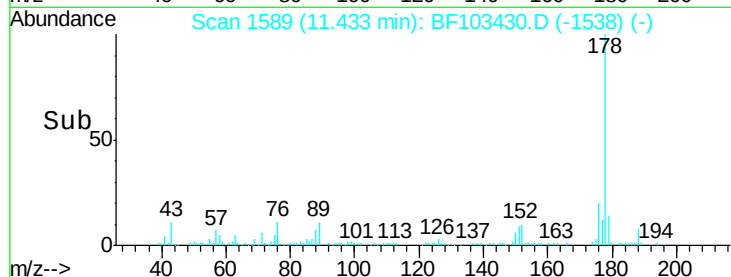
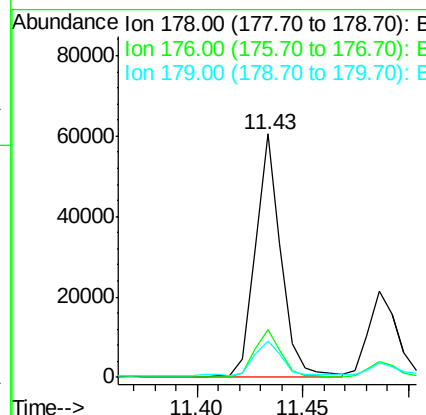
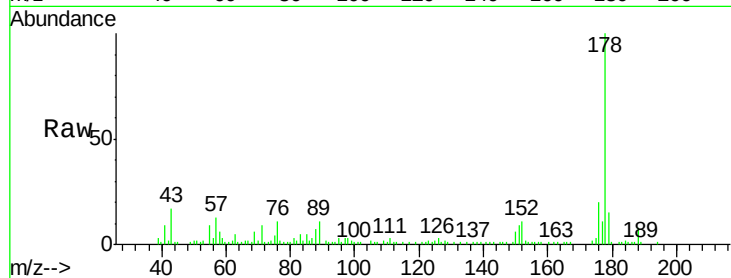
ClientSampled :

TP-5

Tot Ion:	178	Resp:	51159
Ion Ratio	Lower	Upper	
178	100		
176	19.8	15.8	23.8
179	14.9	13.0	19.6

Manual Integrations
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#73

Di-n-butylphthalate

Concen: 34.285 ng

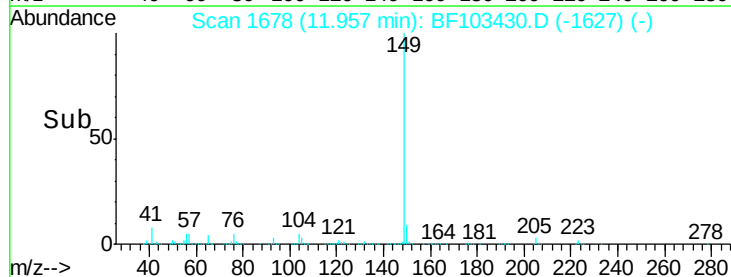
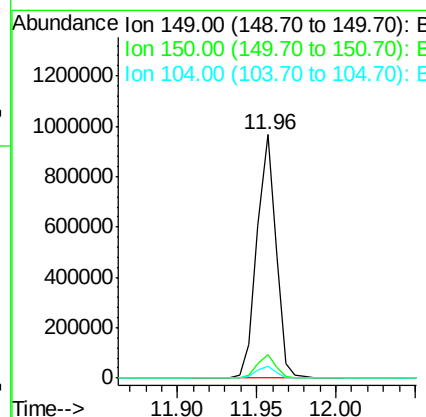
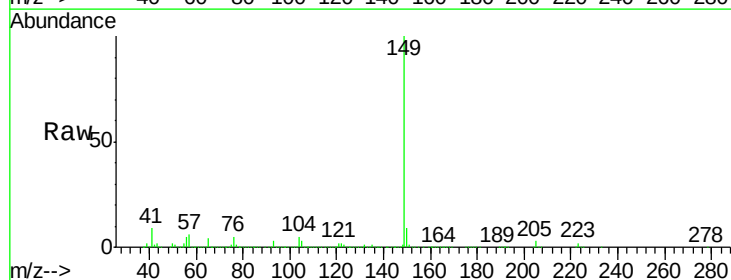
RT: 11.96 min Scan# 1678

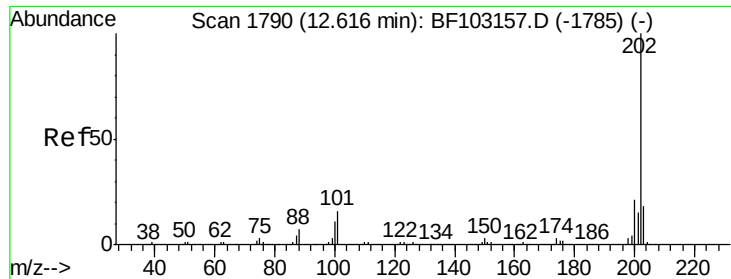
Delta R.T. -0.00 min

Lab File: BF103430.D

Acq: 6 Mar 2018 00:54

Tgt Ion:	149	Resp:	803109
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.8	11.6
104	5.1	3.8	5.8





#74

Fluoranthene

Concen: 4.906 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BF103430.D

Acq: 6 Mar 2018 00:54

Instrument :

BNA_F

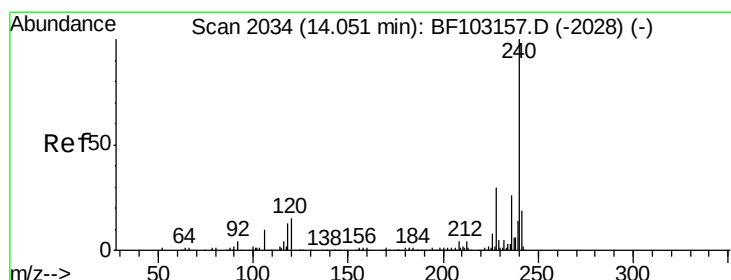
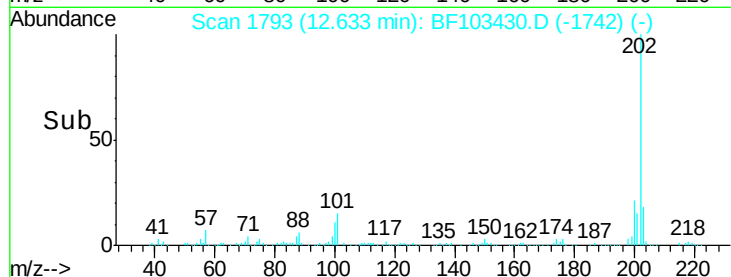
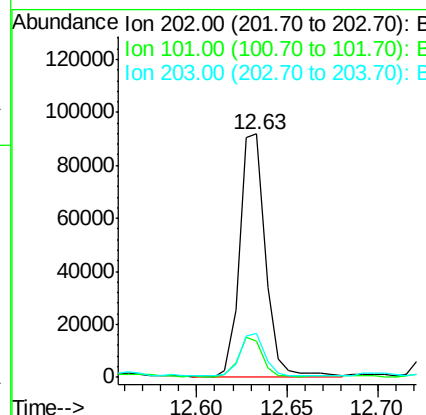
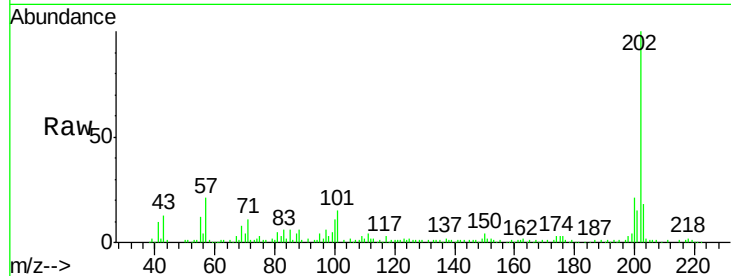
ClientSampleId :

TP-5

Tot Ion:	202	Resp:	90377
Ion Ratio	Lower	Upper	
202	100		
101	14.9	0.0	34.1
203	18.1	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

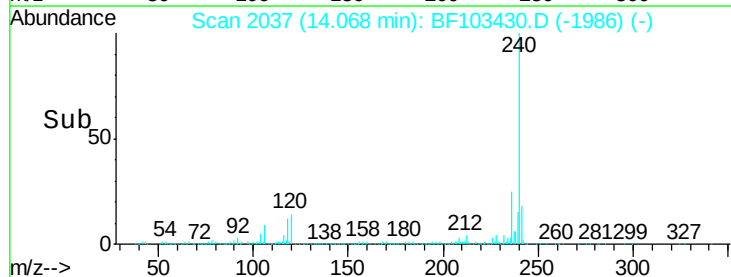
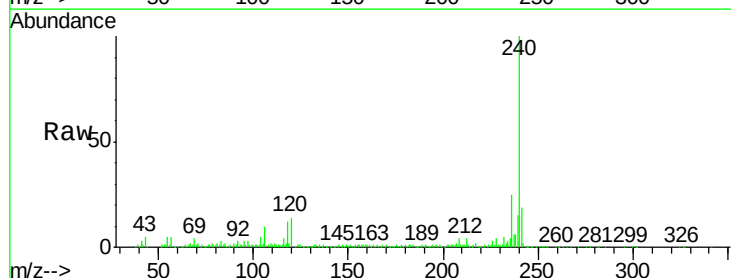
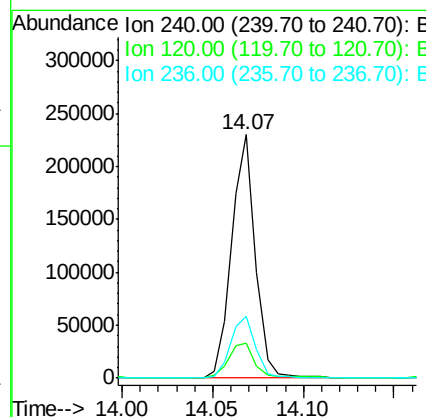
RT: 14.07 min Scan# 2037

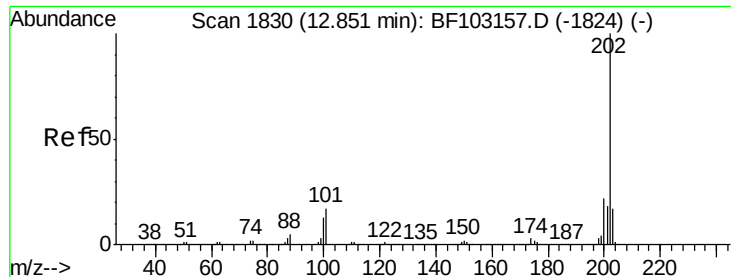
Delta R.T. 0.00 min

Lab File: BF103430.D

Acq: 6 Mar 2018 00:54

Tgt Ion:	240	Resp:	209735
Ion Ratio	Lower	Upper	
240	100		
120	14.2	9.5	14.3
236	25.5	20.7	31.1





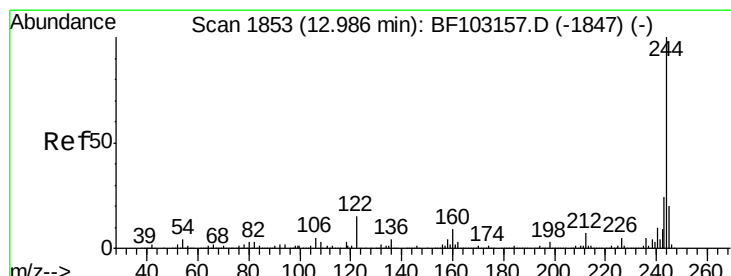
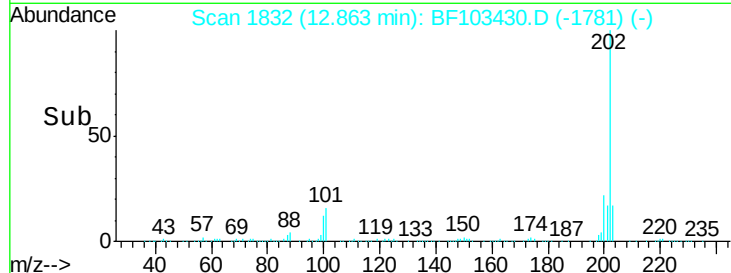
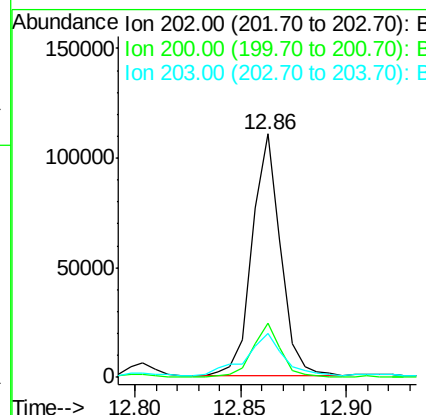
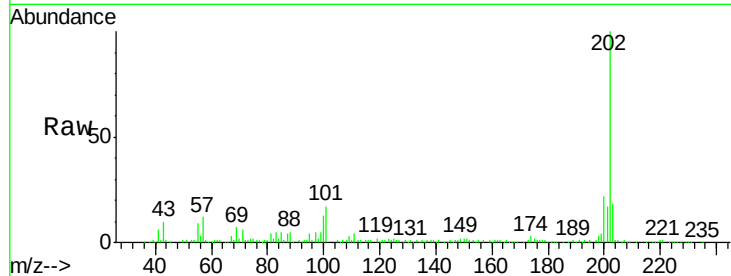
#77
Pvrene
Concen: 6.348 ng
RT: 12.86 min Scan# 1832
Delta R.T. -0.00 min
Lab File: BF103430.D
Acq: 6 Mar 2018 00:54

Instrument :
BNA_F
ClientSampled :
TP-5

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.1	17.4	26.2
203	18.2	14.3	21.5

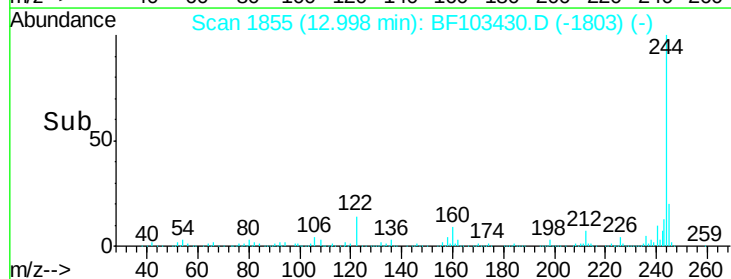
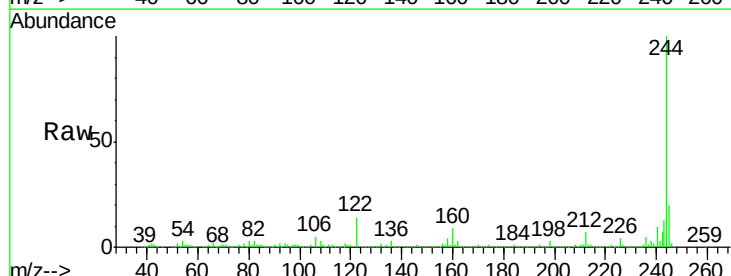
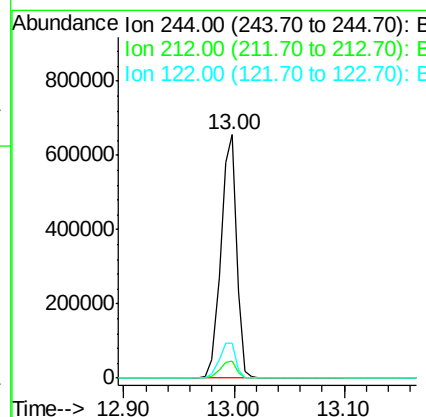
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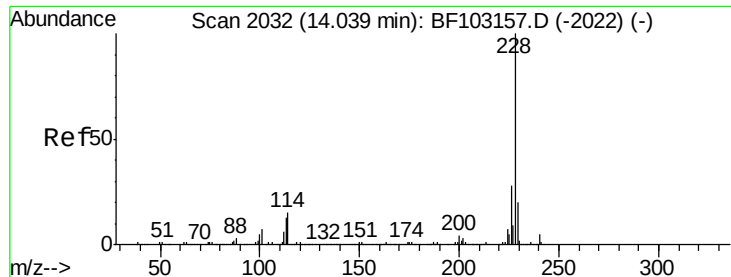
Sohil
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#78
Terphenyl-d14
Concen: 74.086 ng
RT: 13.00 min Scan# 1855
Delta R.T. 0.01 min
Lab File: BF103430.D
Acq: 6 Mar 2018 00:54

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.2	5.4	8.0
122	14.4	11.0	16.4





#80

Benzo(a)anthracene

Concen: 3.405 ng m

RT: 14.06 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BF103430.D

Acq: 6 Mar 2018 00:54

Instrument :

BNA_F

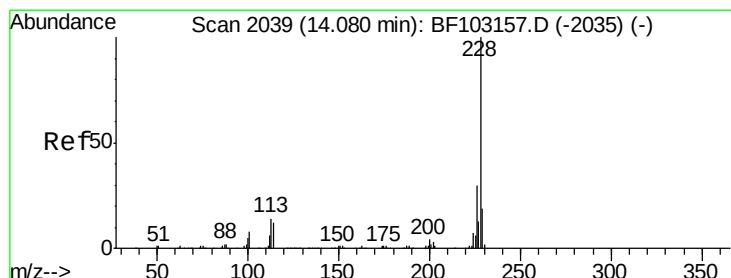
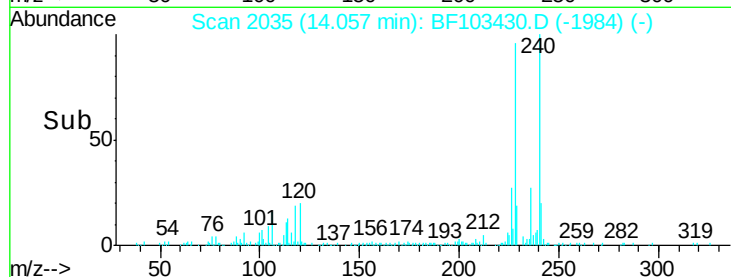
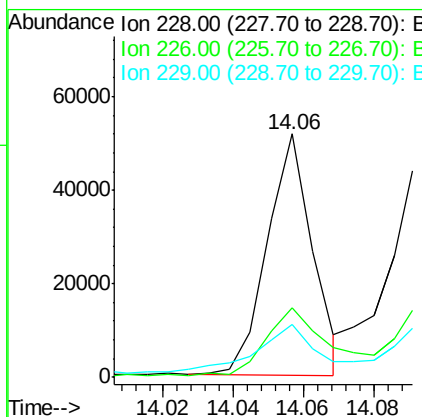
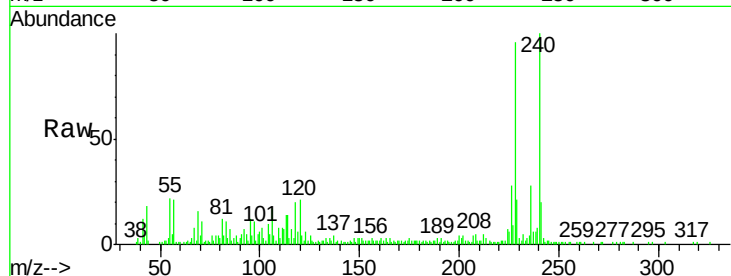
ClientSampleId :

TP-5

Tot Ion:	228	Resp:	46332
Ion Ratio	Lower	Upper	
228	100		
226	28.8	22.6	33.8
229	21.9	15.8	23.6

Manual Integrations
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#82

Chrysene

Concen: 3.711 ng m

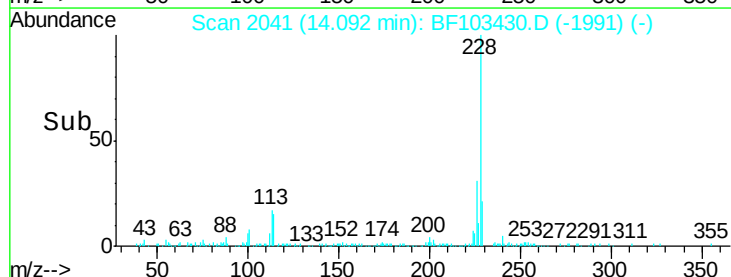
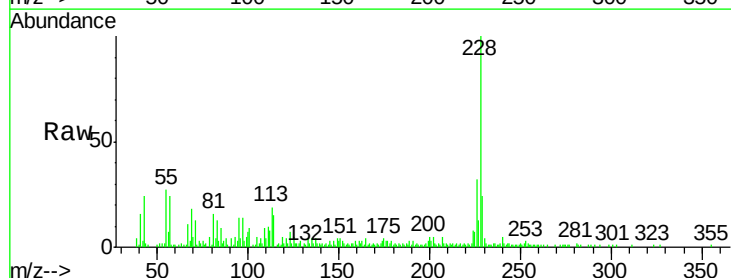
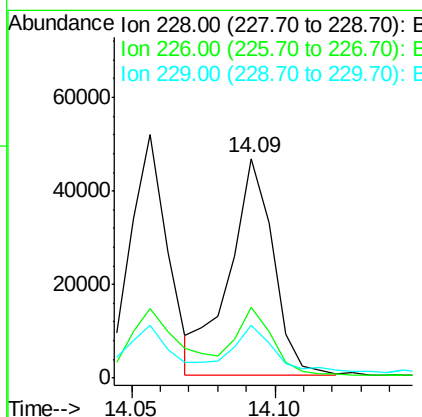
RT: 14.09 min Scan# 2041

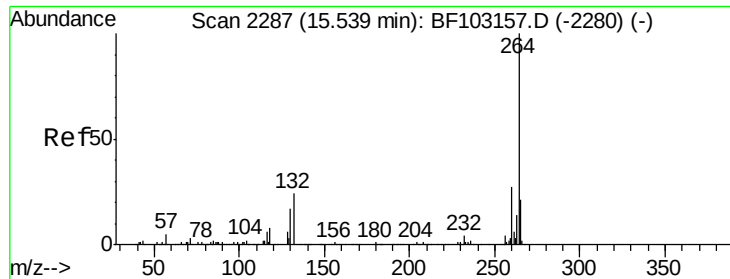
Delta R.T. -0.01 min

Lab File: BF103430.D

Acq: 6 Mar 2018 00:54

Tgt Ion:	228	Resp:	49031
Ion Ratio	Lower	Upper	
228	100		
226	32.4	25.0	37.6
229	23.9	16.2	24.4





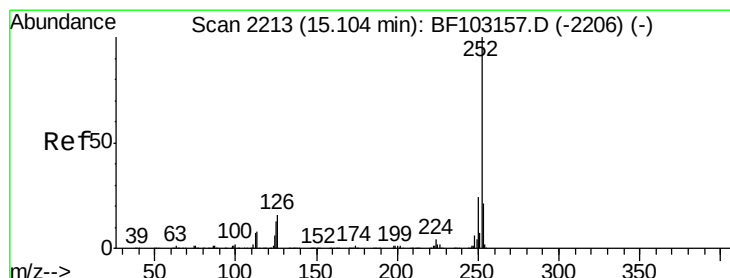
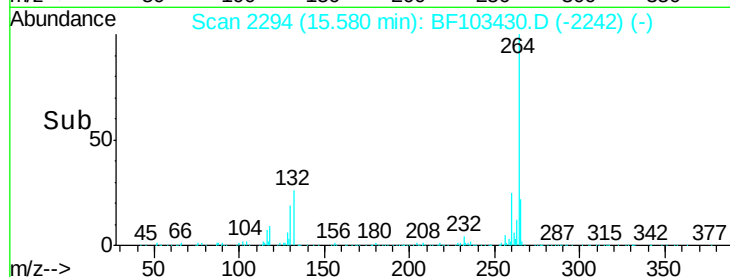
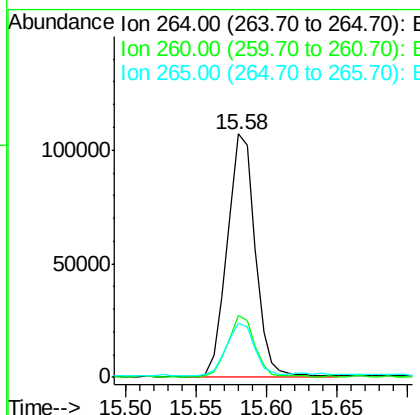
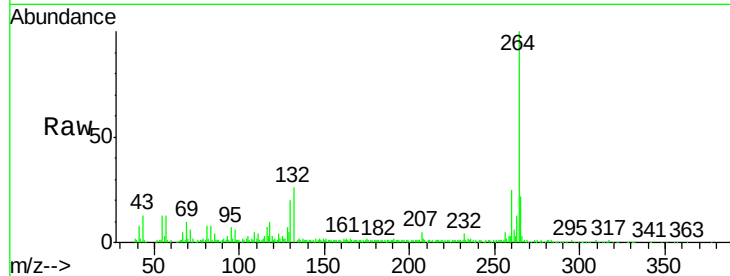
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.58 min Scan# 2294
Delta R.T. 0.01 min
Lab File: BF103430.D
Acq: 6 Mar 2018 00:54

Instrument :
BNA_F
ClientSampled :
TP-5

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.2	28.8
265	22.0	17.5	26.3

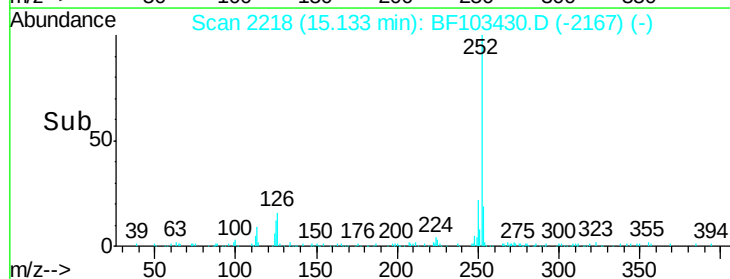
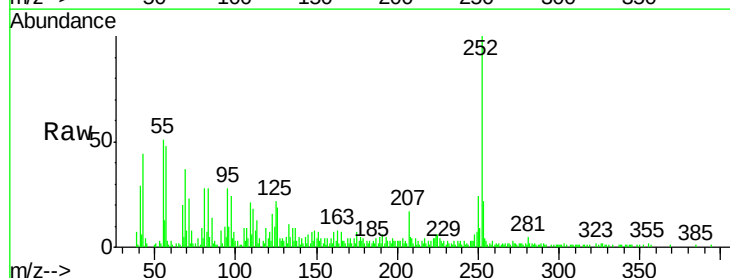
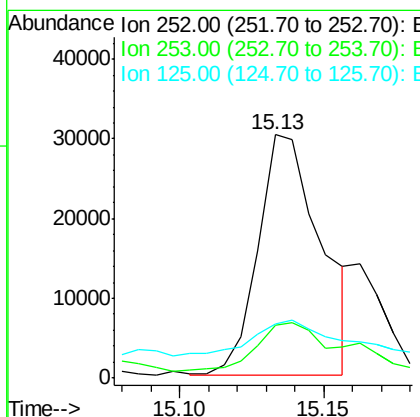
Manual Integrations
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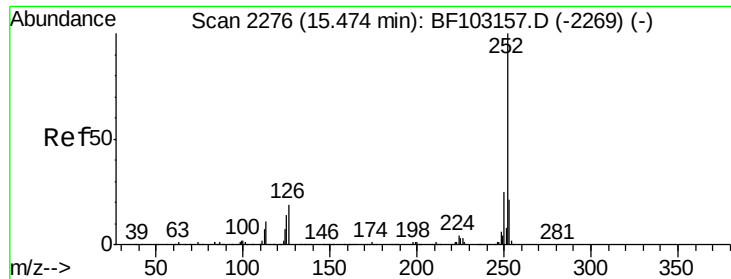
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#87
Benzo(b)fluoranthene
Concen: 4.756 ng m
RT: 15.13 min Scan# 2218
Delta R.T. -0.00 min
Lab File: BF103430.D
Acq: 6 Mar 2018 00:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.0	25.6
125	22.3	9.0	13.6





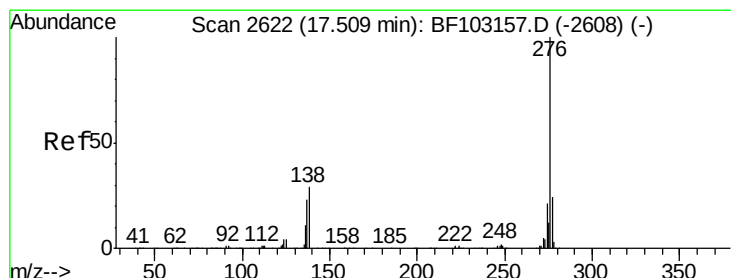
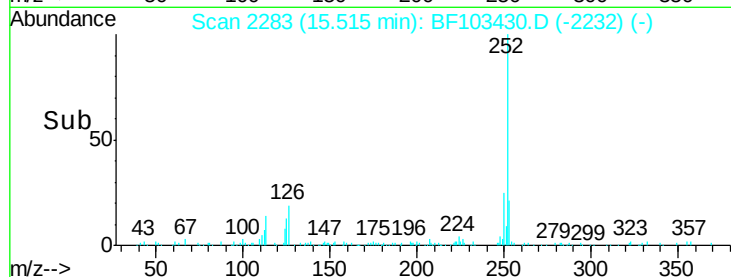
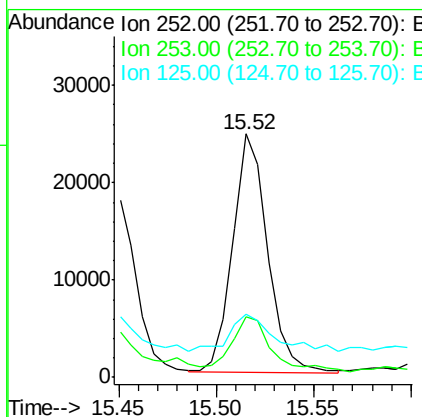
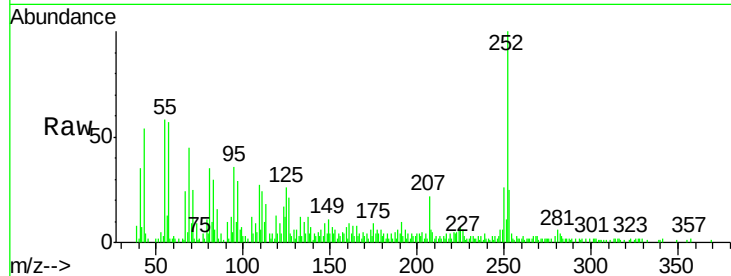
#89
Benzo(a)pyrene
Concen: 3.513 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BF103430.D
Acq: 6 Mar 2018 00:54

Instrument :
BNA_F
ClientSampled :
TP-5

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.1	25.7
125	26.0	9.8	14.6

Manual Integrations
APPROVED

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3/6/2018 4:23:51 PM



#91
Benzo(g,h,i)perylene
Concen: 3.077 ng
RT: 17.60 min Scan# 2638
Delta R.T. 0.01 min
Lab File: BF103430.D
Acq: 6 Mar 2018 00:54

Tgt Ion	Ratio	Lower	Upper
276	100		
277	27.3	17.9	26.9
138	35.3	21.8	32.8

