

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030518\
 Data File : BF103420.D
 Acq On : 5 Mar 2018 20:30
 Operator : SJ/JU
 Sample : J1723-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Manual Integrations
 APPROVED

Sohil
 3/6/2018 4:23:18 PM

Quant Time: Mar 06 00:45:03 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	123391	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	528506	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	240710	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	394943	20.00	ng	0.00
75) Chrysene-d12	14.07	240	235608	20.00	ng	0.00
86) Perylene-d12	15.59	264	201381	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	681610	83.55	ng	0.00
7) Phenol-d6	6.52	99	864596	86.61	ng	0.00
23) Nitrobenzene-d5	7.44	82	513101	55.44	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	133576	65.56	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	763408	49.14	ng	0.00
78) Terphenyl-d14	13.00	244	573889	58.55	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.62	163	64736	3.352	ng	Qvalue 100
70) Phenanthrene	11.43	178	176112	8.103	ng	99
71) Anthracene	11.49	178	51511	2.311	ng	98
74) Fluoranthene	12.63	202	297792	13.634	ng	99
77) Pyrene	12.86	202	273335	14.880	ng	99
80) Benzo(a)anthracene	14.06	228	133359	8.724	ng	98
82) Chrysene	14.09	228	113086	7.619	ng	97
85) Indeno(1,2,3-cd)pyrene	17.13	276	49610	4.222	ng	97
87) Benzo(b)fluoranthene	15.14	252	154110m	11.639	ng	
88) Benzo(k)fluoranthene	15.16	252	41853m	3.357	ng	
89) Benzo(a)pyrene	15.52	252	99718	8.434	ng	# 89
91) Benzo(a,h,i)perylene	17.60	276	48066	5.383	ng	90

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

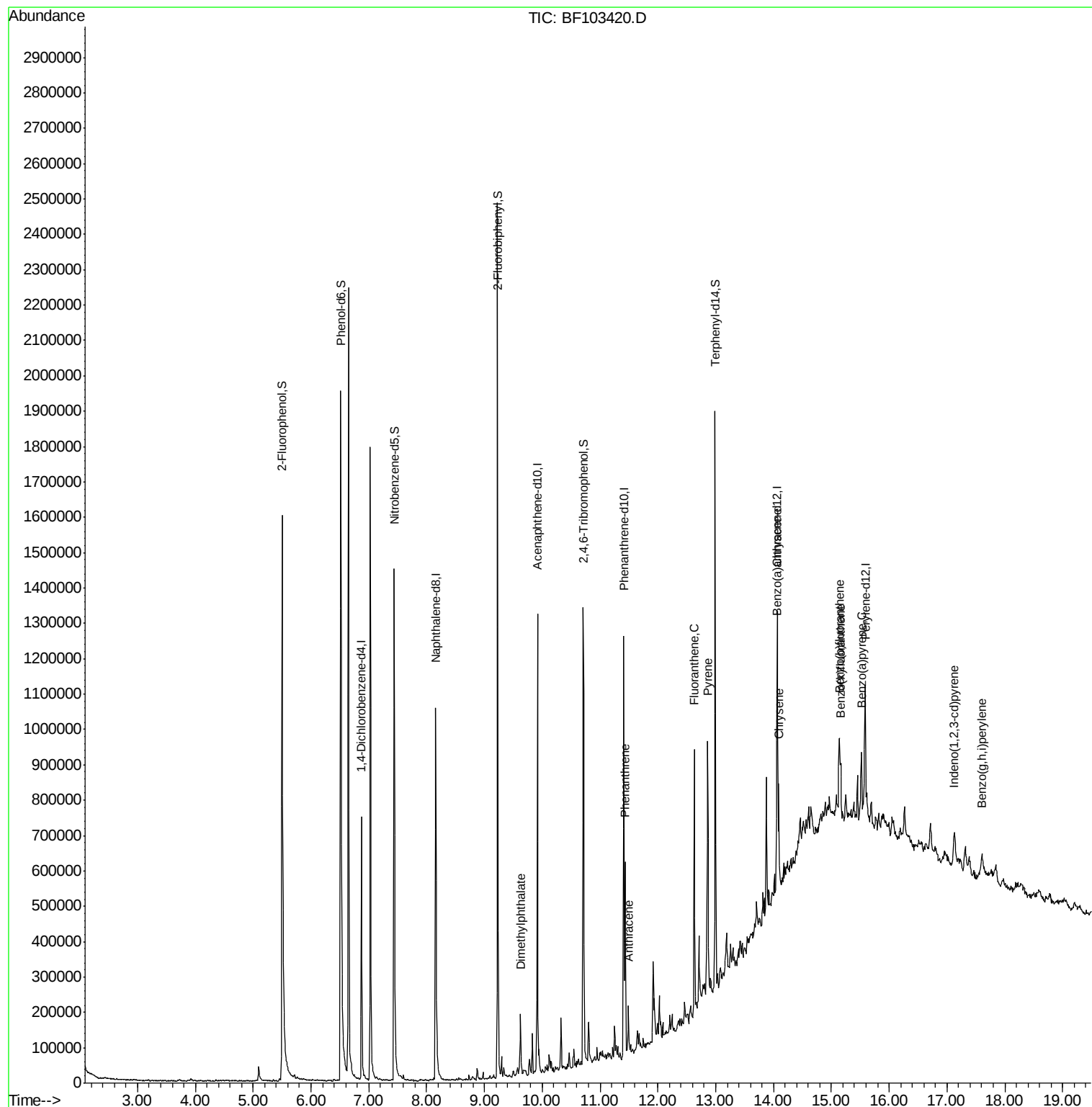
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103420.D
Acq On : 5 Mar 2018 20:30
Operator : SJ/JU
Sample : J1723-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-1

Manual Integrations
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#1

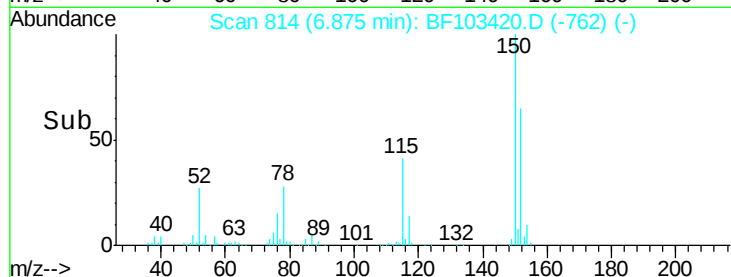
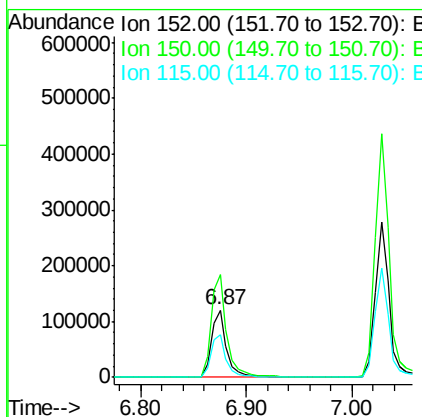
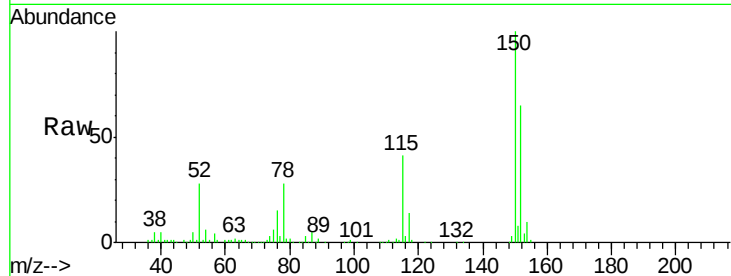
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF103420.D
Acq: 5 Mar 2018 20:30

Instrument :
BNA_F
ClientSampled :
SP-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	124.6	186.8
115	62.3	50.1	75.1

Manual Integrations
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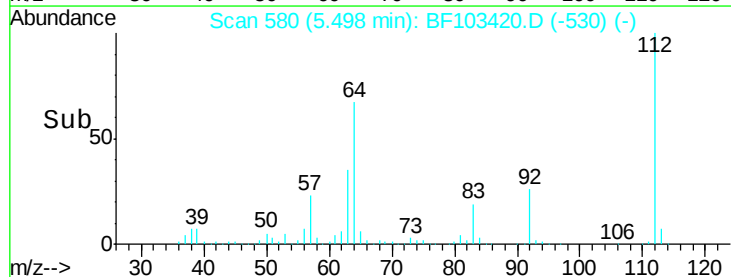
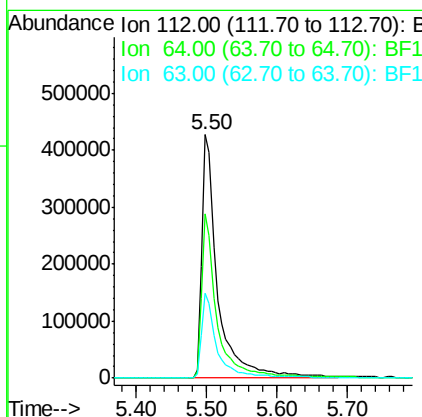
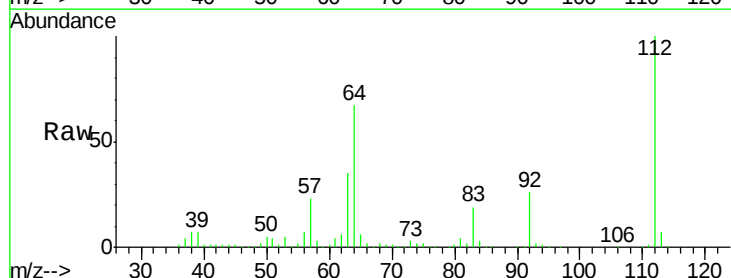
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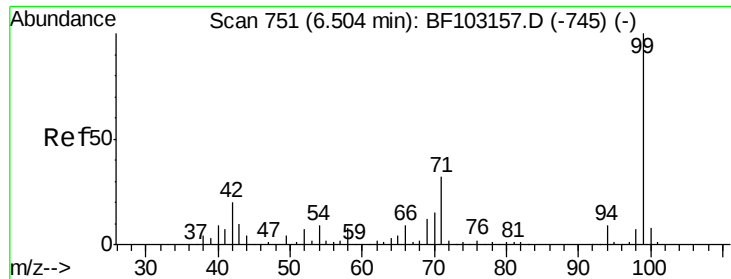


#5

2-Fluorophenol
Concen: 83.546 ng
RT: 5.50 min Scan# 580
Delta R.T. -0.01 min
Lab File: BF103420.D
Acq: 5 Mar 2018 20:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.2	47.9	71.9
63	35.1	23.7	35.5





#7

Phenol-d6

Concen: 86.606 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF103420.D

Acq: 5 Mar 2018 20:30

Instrument :

BNA_F

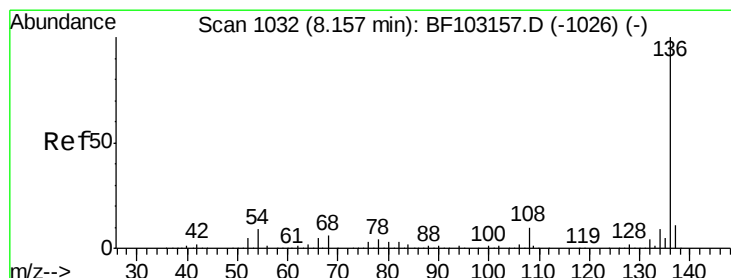
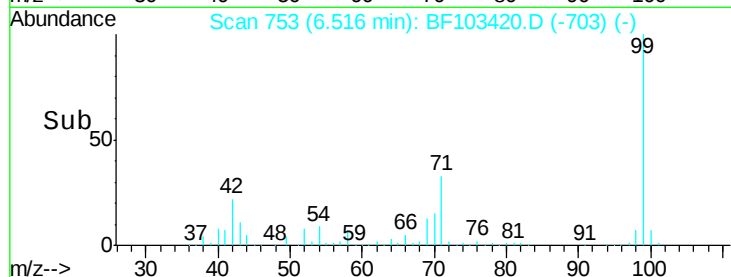
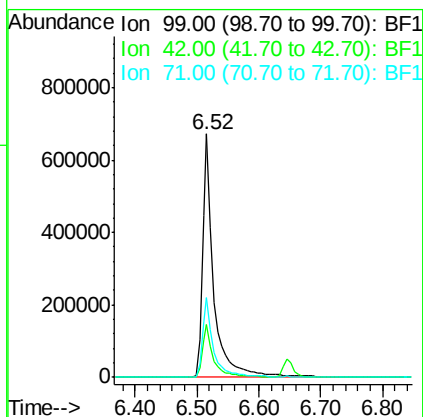
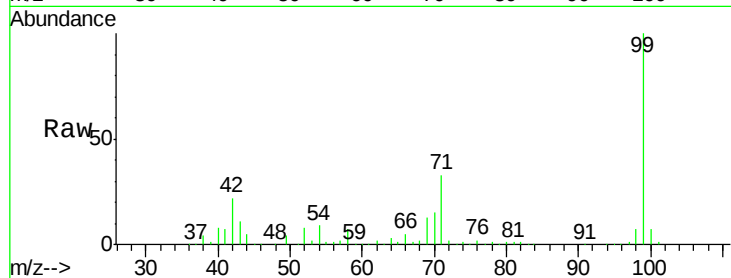
ClientSampled :

SP-1

Tot Ion:	99	Resp:	864596
Ion Ratio	Lower	Upper	
99	100		
42	21.5	14.5	21.7
71	32.7	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

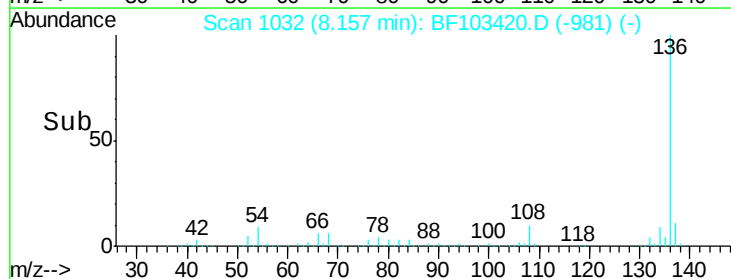
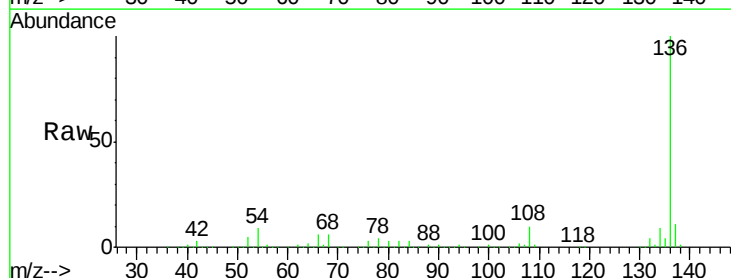
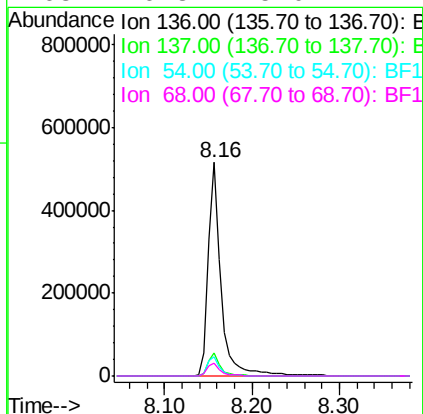
RT: 8.16 min Scan# 1032

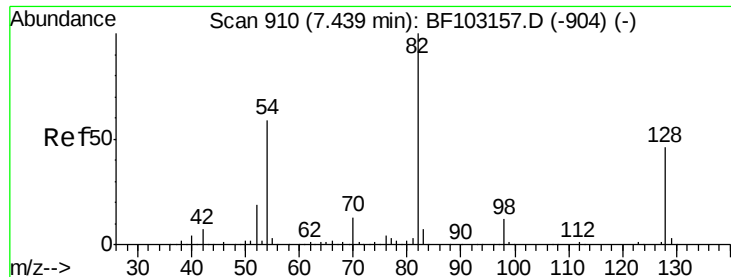
Delta R.T. 0.00 min

Lab File: BF103420.D

Acq: 5 Mar 2018 20:30

Tgt Ion:	136	Resp:	528506
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.9	13.3
54	8.8	6.6	9.8
68	6.3	5.0	7.4





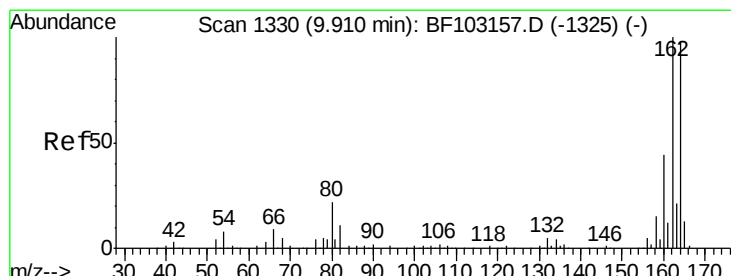
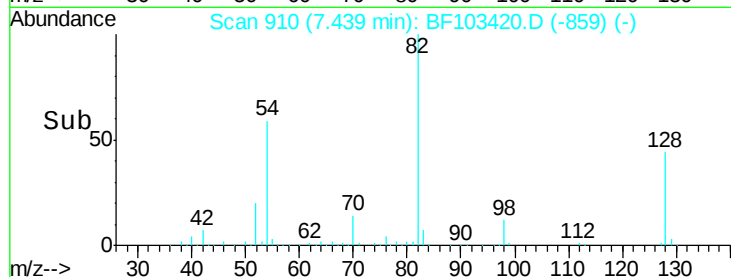
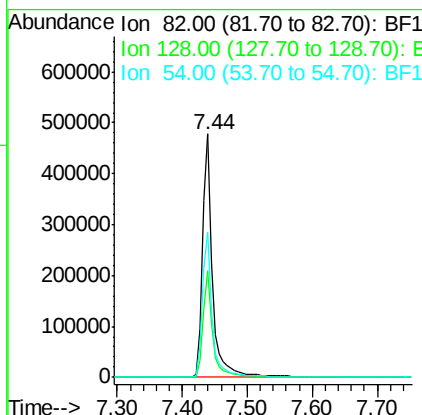
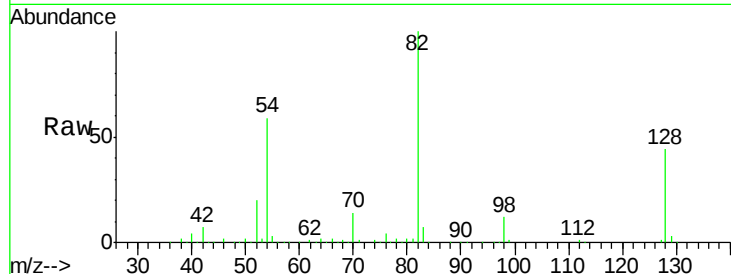
#23
 Nitrobenzene-d5
 Concen: 55.444 ng
 RT: 7.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: BF103420.D
 Acq: 5 Mar 2018 20:30

Instrument :
 BNA_F
 ClientSampled :
 SP-1

Tot Ion	Ratio	Resp	Lower	Upper
82	100	513101		
128	43.6	36.1	54.1	
54	59.3	41.4	62.2	

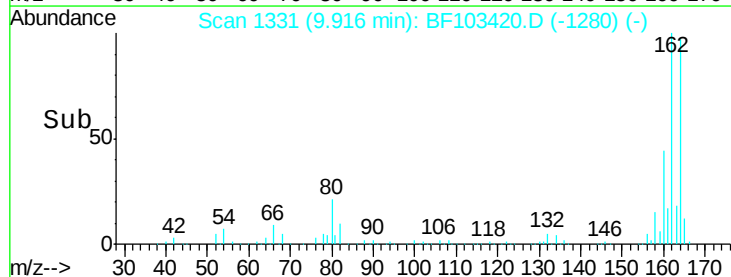
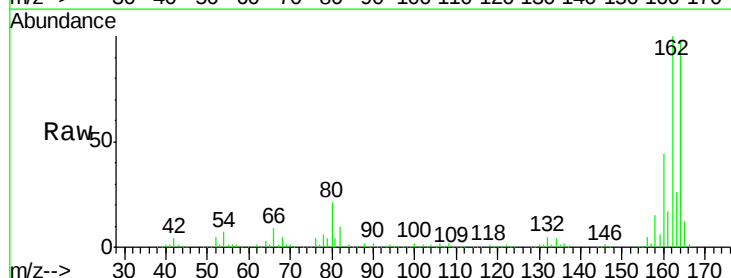
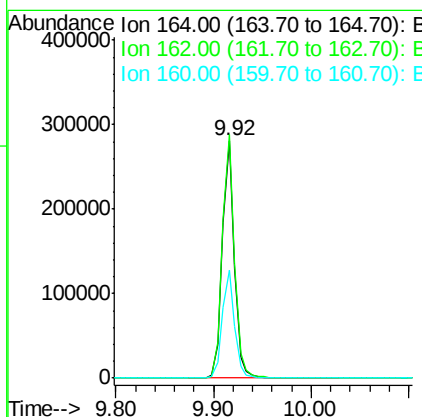
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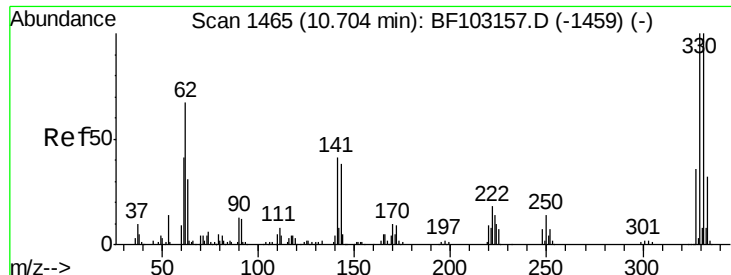
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.00 min
 Lab File: BF103420.D
 Acq: 5 Mar 2018 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	240710		
162	102.5	86.1	129.1	
160	45.5	38.3	57.5	





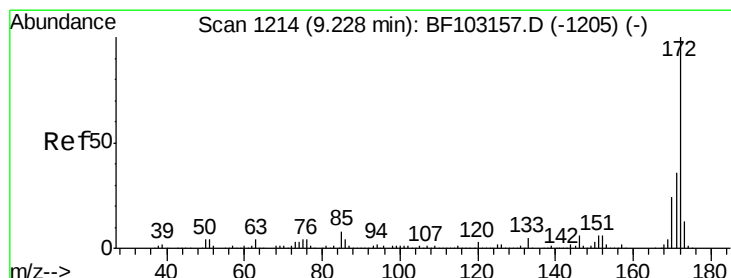
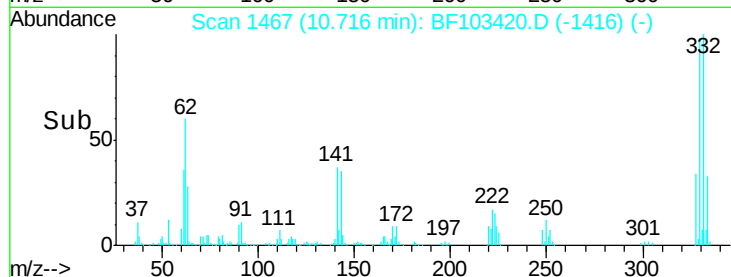
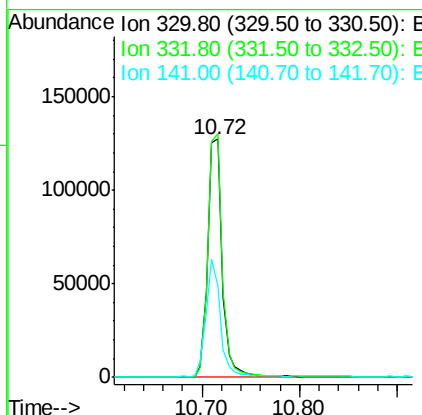
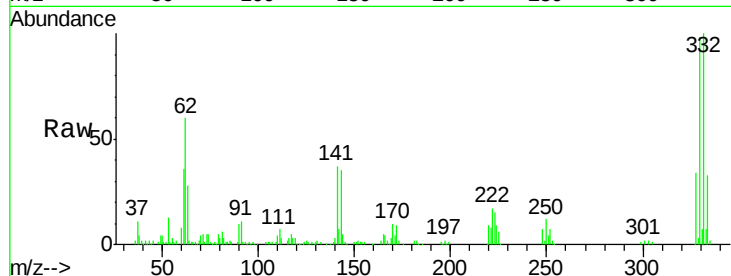
#41
 2,4,6-Tribromophenol
 Concen: 65.559 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: BF103420.D
 Acq: 5 Mar 2018 20:30

Instrument :
 BNA_F
 ClientSampled :
 SP-1

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	101.5	77.0	115.6	
141	47.7	29.9	44.9	

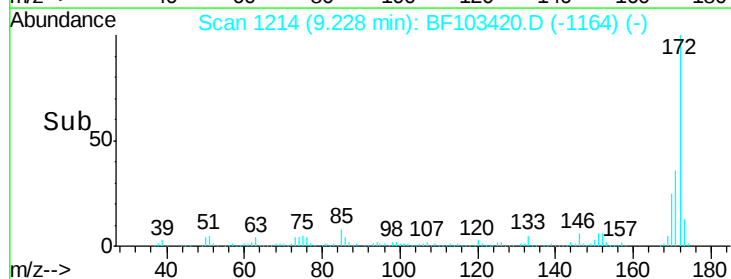
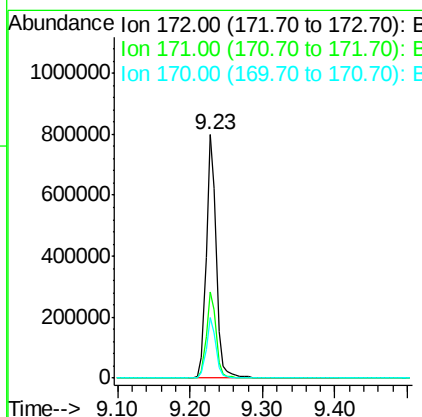
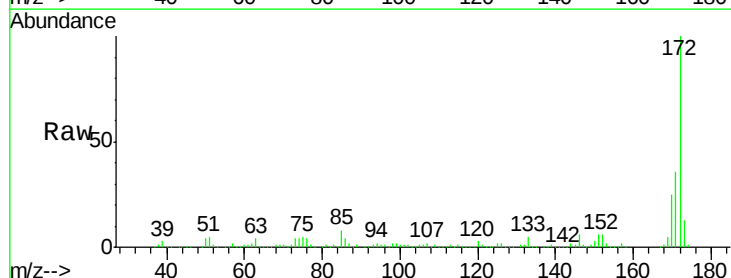
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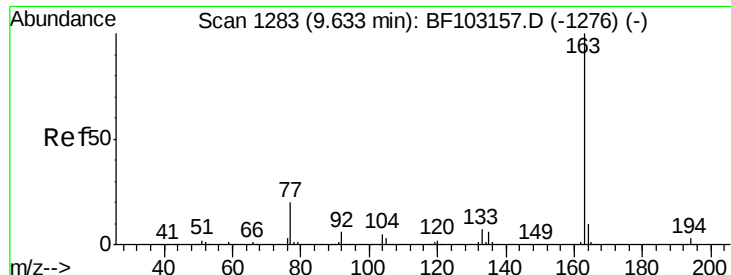
Sohil
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#44
 2-Fluorobiphenyl
 Concen: 49.144 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF103420.D
 Acq: 5 Mar 2018 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.6	29.7	44.5	
170	24.7	19.6	29.4	





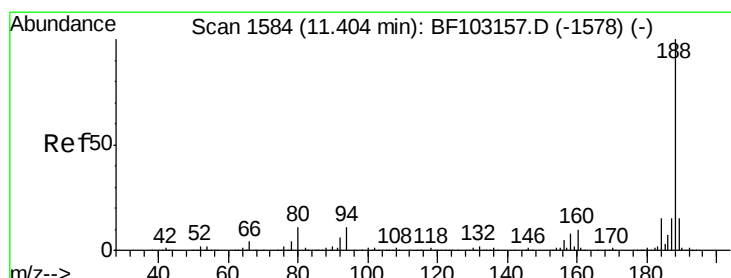
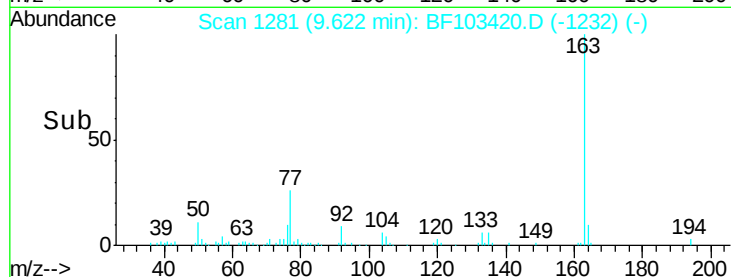
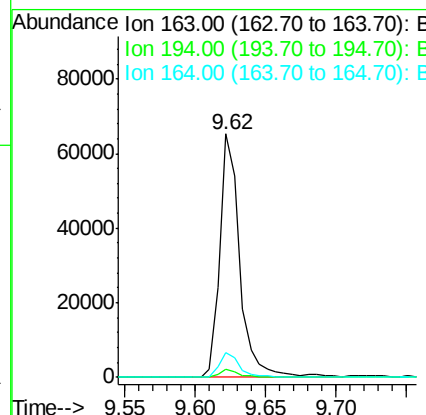
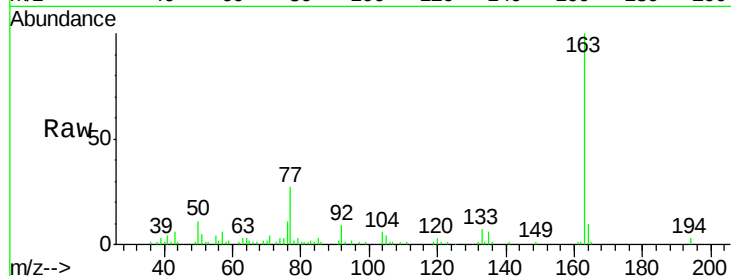
#49
Dimethylphthalate
Concen: 3.352 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103420.D
Acq: 5 Mar 2018 20:30

Instrument :
BNA_F
ClientSampled :
SP-1

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	10.4	8.2	12.2

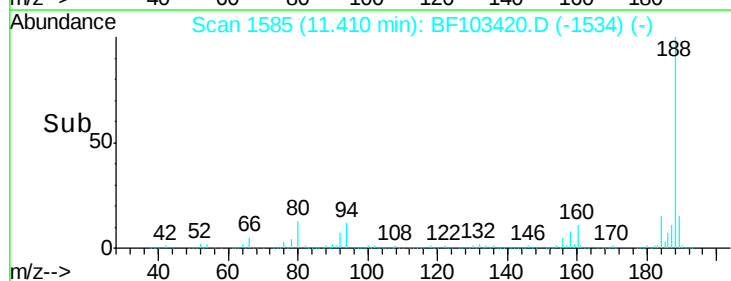
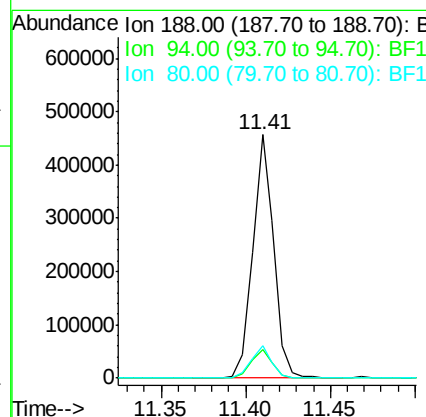
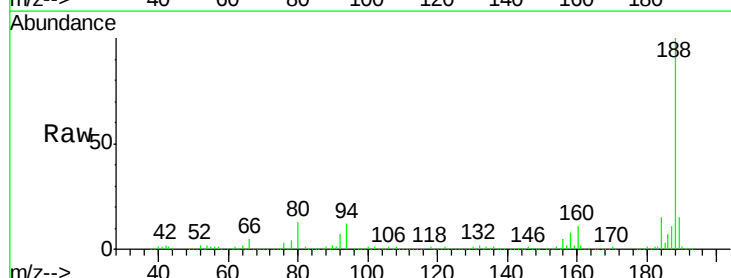
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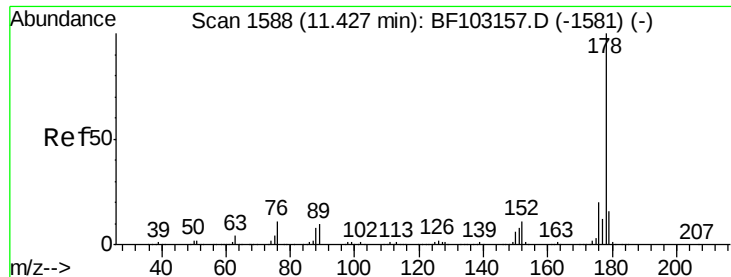
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF103420.D
Acq: 5 Mar 2018 20:30

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.0	8.5	12.7
80	13.1	9.2	13.8





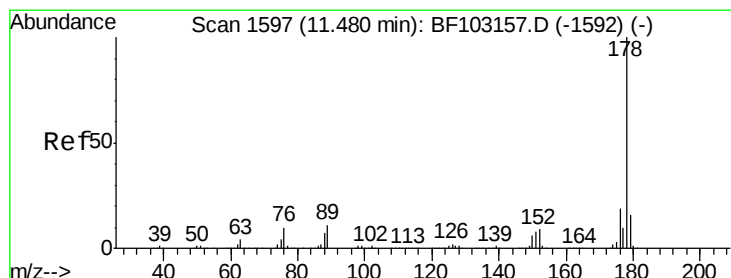
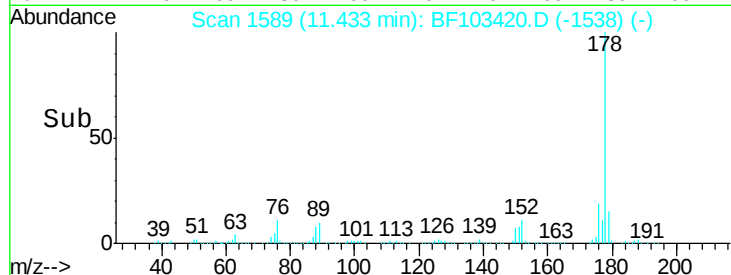
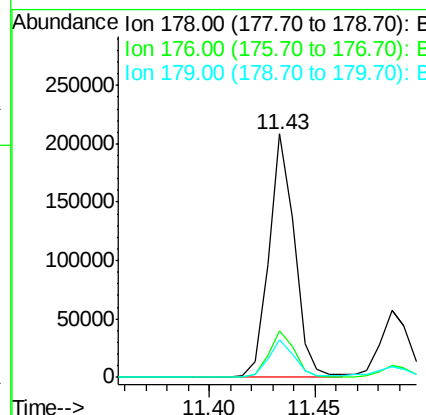
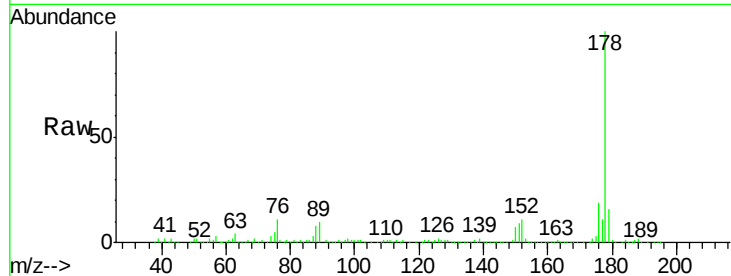
#70
Phenanthrene
Concen: 8.103 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BF103420.D
Acq: 5 Mar 2018 20:30

Instrument :
BNA_F
ClientSampled :
SP-1

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.5	13.0	19.6

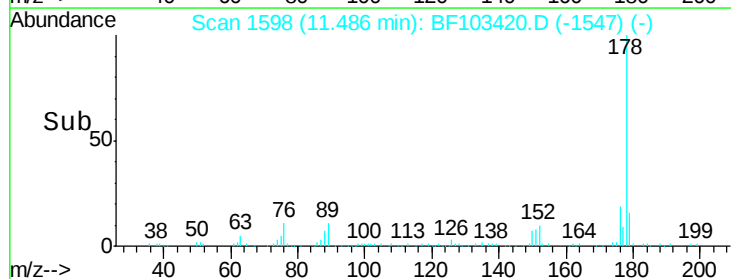
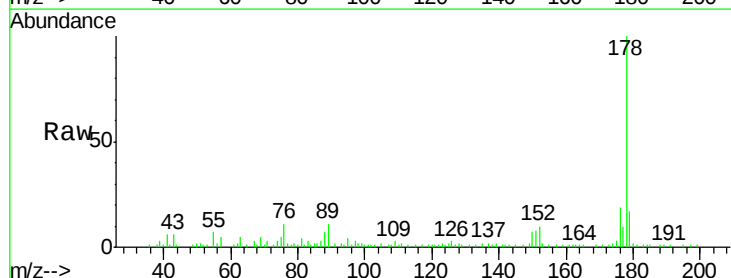
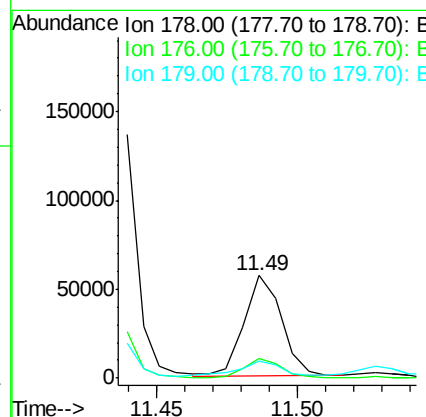
Manual Integrations
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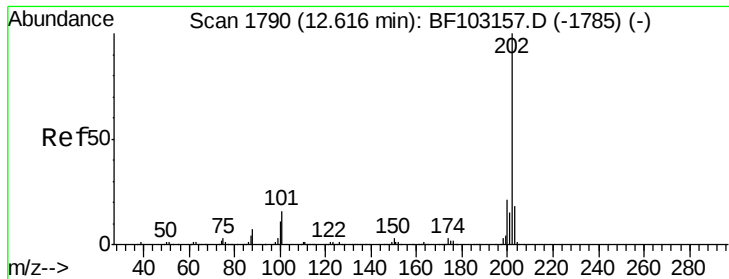
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#71
Anthracene
Concen: 2.311 ng
RT: 11.49 min Scan# 1598
Delta R.T. 0.00 min
Lab File: BF103420.D
Acq: 5 Mar 2018 20:30

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	16.7	12.6	19.0





#74

Fluoranthene

Concen: 13.634 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BF103420.D

Acq: 5 Mar 2018 20:30

Instrument :

BNA_F

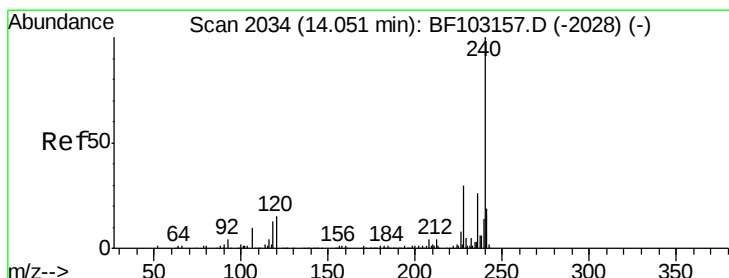
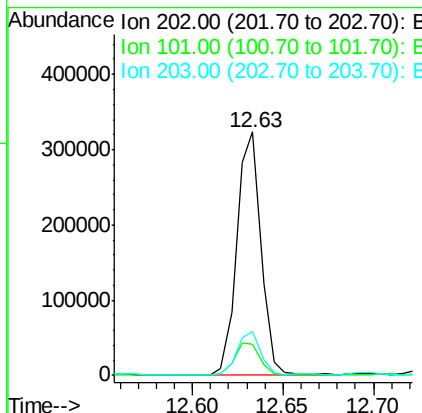
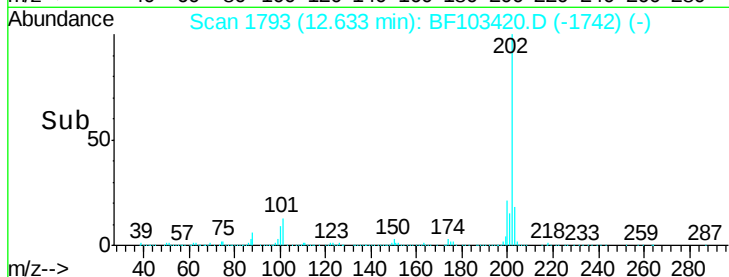
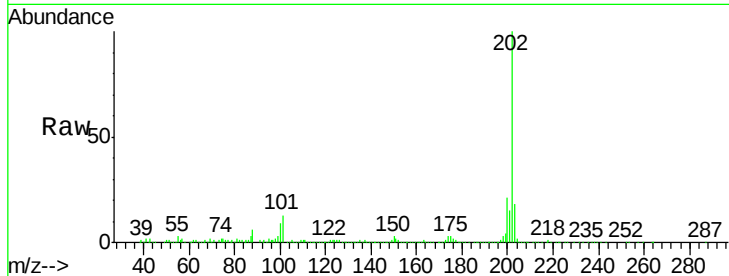
ClientSampleId :

SP-1

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.0	0.0	34.1
203	18.0	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

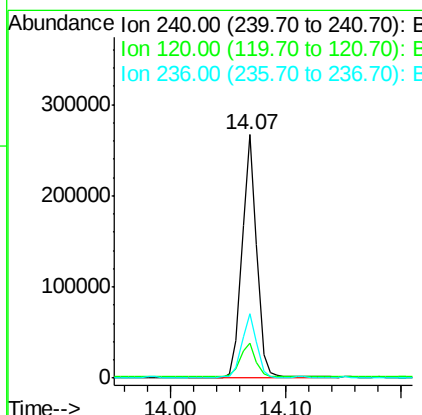
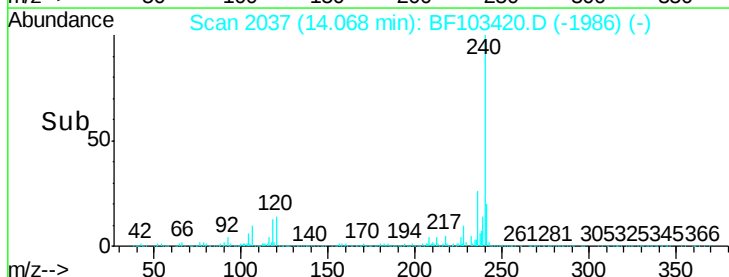
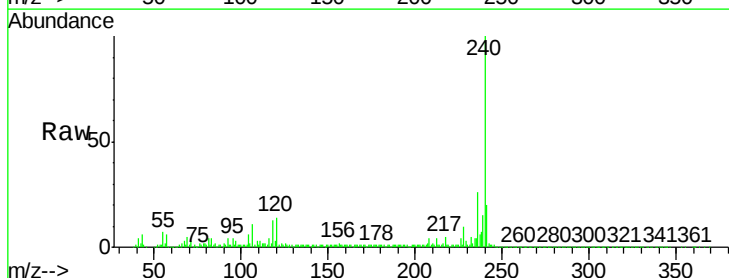
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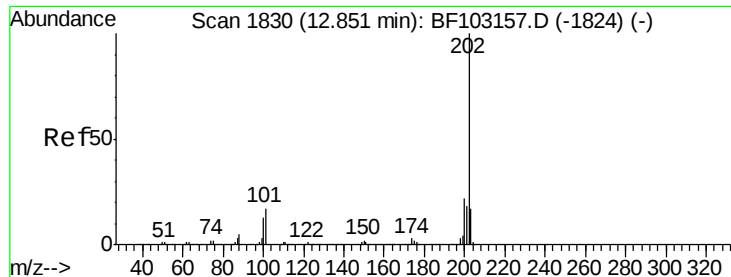
Delta R.T. 0.00 min

Lab File: BF103420.D

Acq: 5 Mar 2018 20:30

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	14.4	9.5	14.3#
236	26.2	20.7	31.1





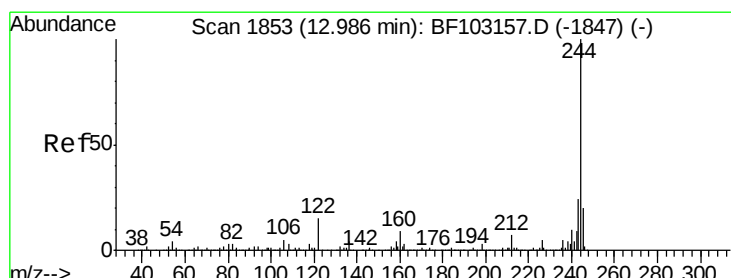
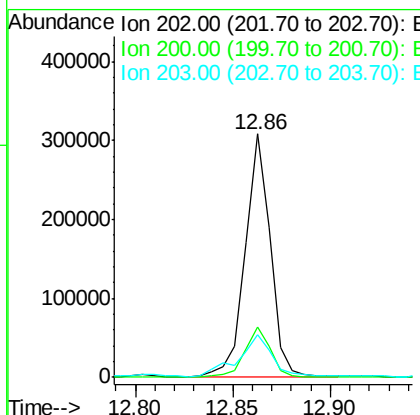
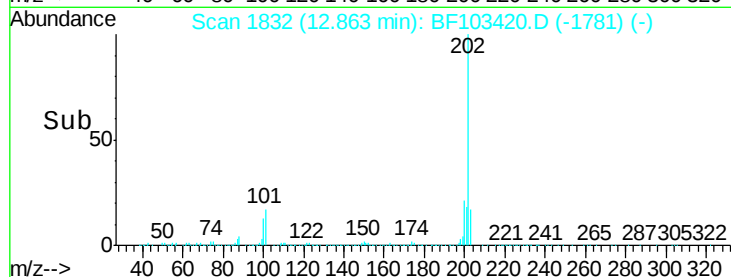
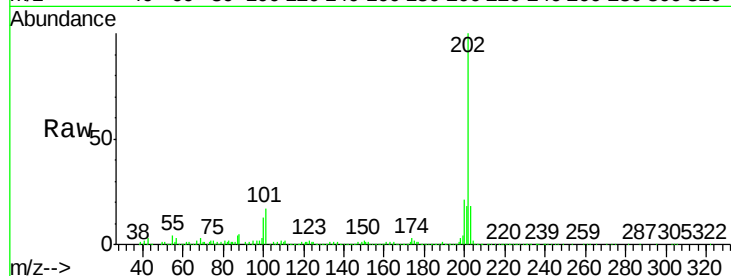
#77
Pvrene
Concen: 14.880 ng
RT: 12.86 min Scan# 1832
Delta R.T. 0.00 min
Lab File: BF103420.D
Acq: 5 Mar 2018 20:30

Instrument :
BNA_F
ClientSampleId :
SP-1

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.4	26.2
203	17.6	14.3	21.5

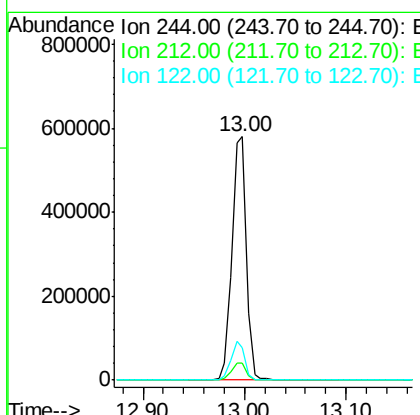
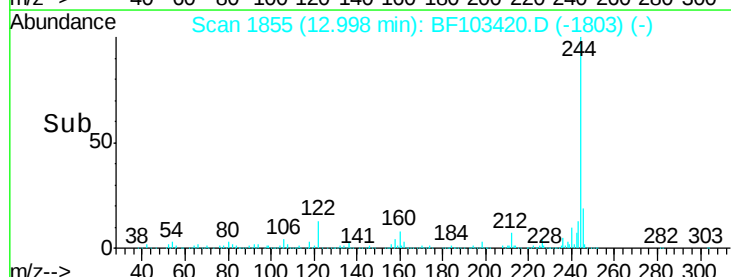
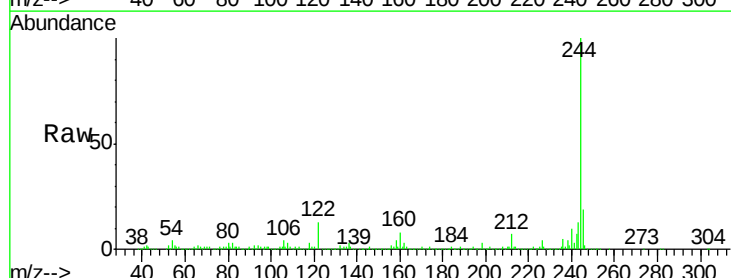
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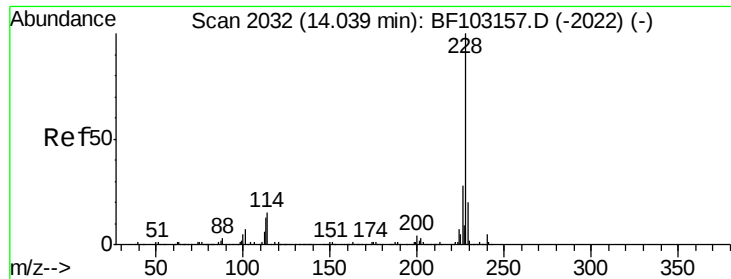
Sohil
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#78
Terphenyl-d14
Concen: 58.553 ng
RT: 13.00 min Scan# 1855
Delta R.T. 0.01 min
Lab File: BF103420.D
Acq: 5 Mar 2018 20:30

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.3	11.0	16.4





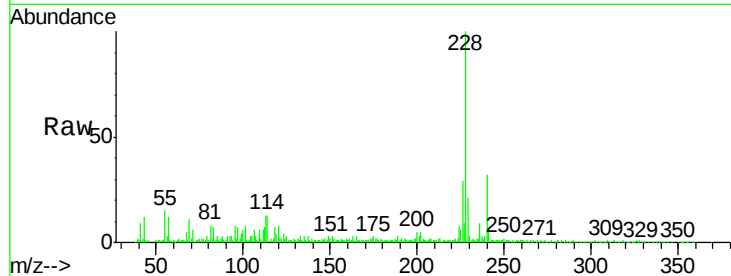
#80
Benzo(a)anthracene
Concen: 8.724 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BF103420.D
Acq: 5 Mar 2018 20:30

Instrument :
BNA_F
ClientSampleId :
SP-1

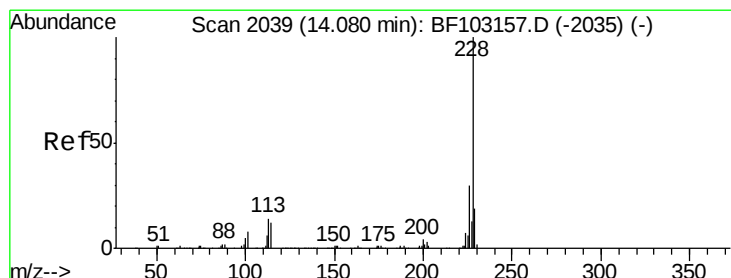
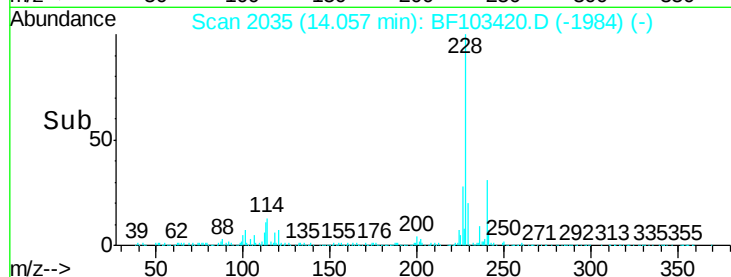
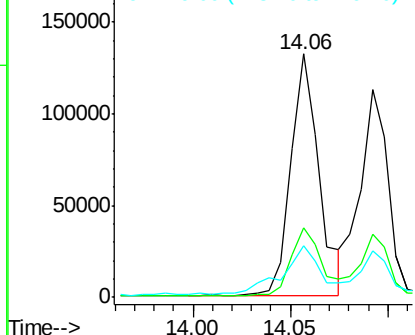
Tot Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.6	33.8
229	21.1	15.8	23.6

Manual Integrations
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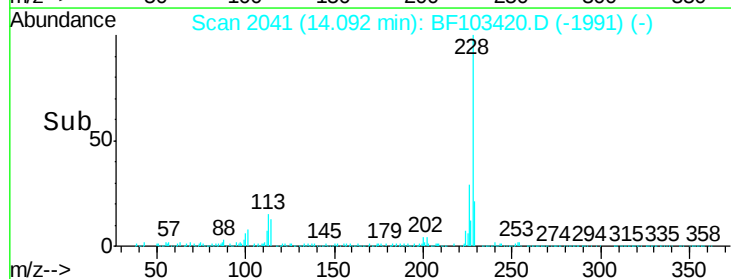
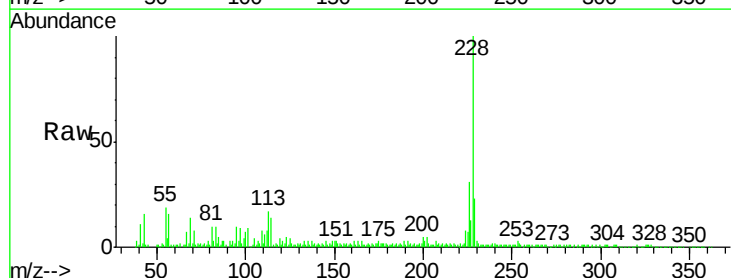
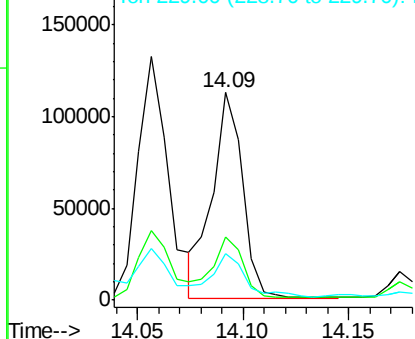
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

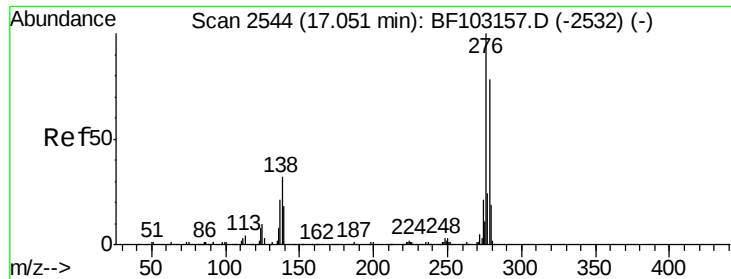


#82
Chrysene
Concen: 7.619 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BF103420.D
Acq: 5 Mar 2018 20:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	22.7	16.2	24.4

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





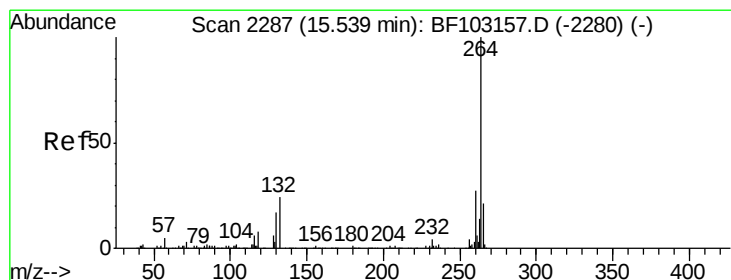
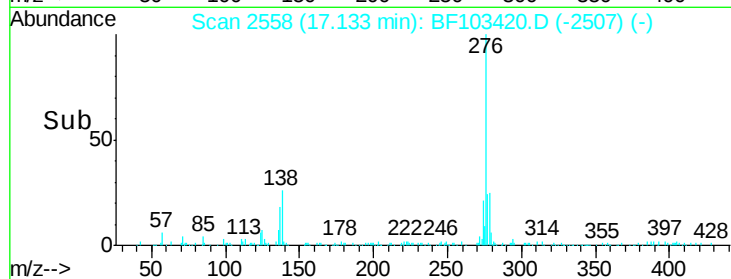
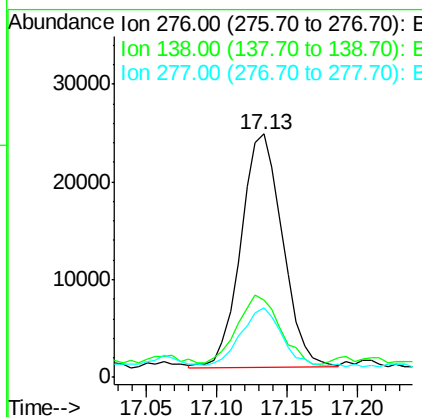
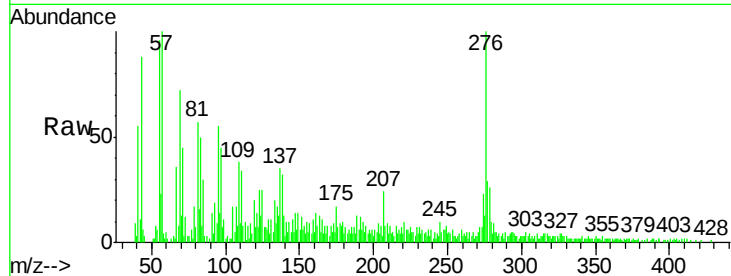
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.222 ng
RT: 17.13 min Scan# 2558
Delta R.T. 0.00 min
Lab File: BF103420.D
Acq: 5 Mar 2018 20:30

Instrument :
BNA_F
ClientSampled :
SP-1

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.4	25.0	37.6
277	23.6	20.1	30.1

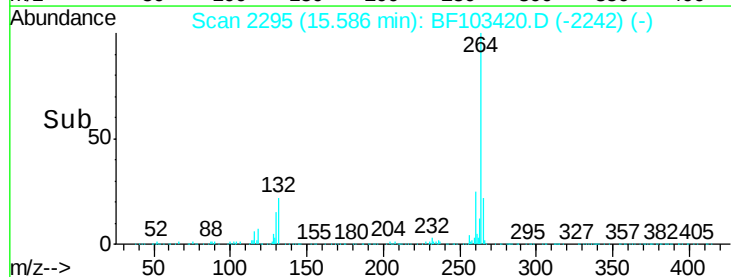
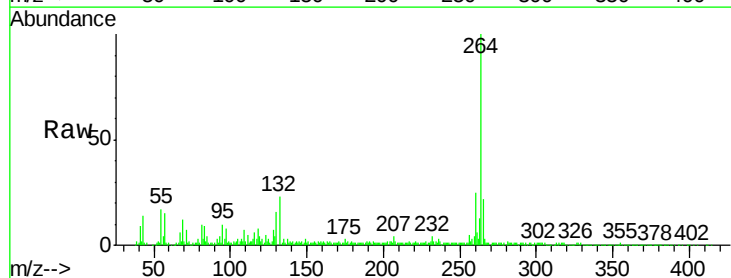
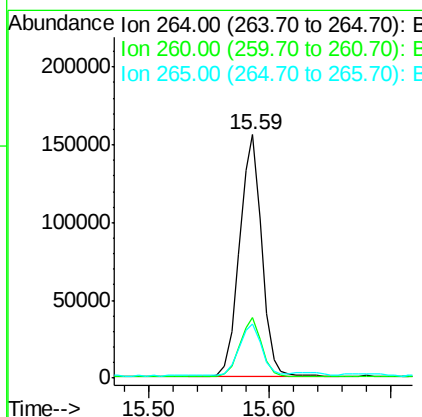
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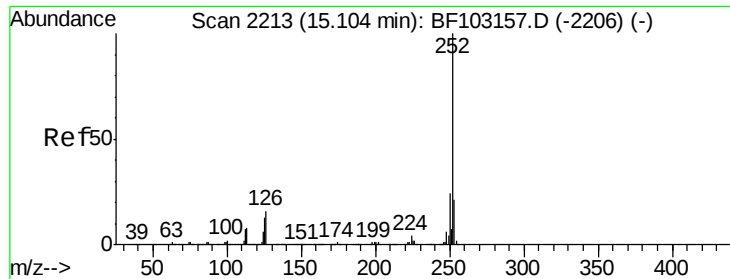
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.59 min Scan# 2295
Delta R.T. 0.01 min
Lab File: BF103420.D
Acq: 5 Mar 2018 20:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.2	28.8
265	22.4	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 11.639 ng m

RT: 15.14 min Scan# 2219

Delta R.T. 0.01 min

Lab File: BF103420.D

Acq: 5 Mar 2018 20:30

Instrument :

BNA_F

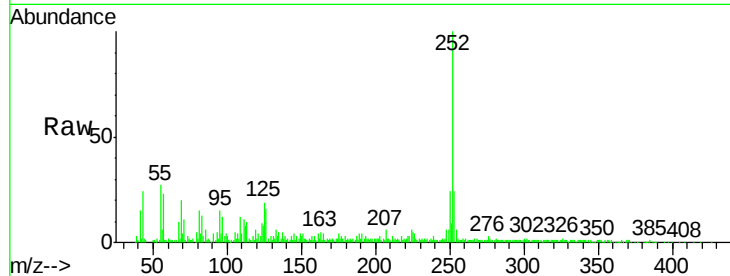
ClientSampleId :

SP-1

Tot Ion:	252	Resp:	154110
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.0	25.6
125	18.7	9.0	13.6#

Manual Integrations
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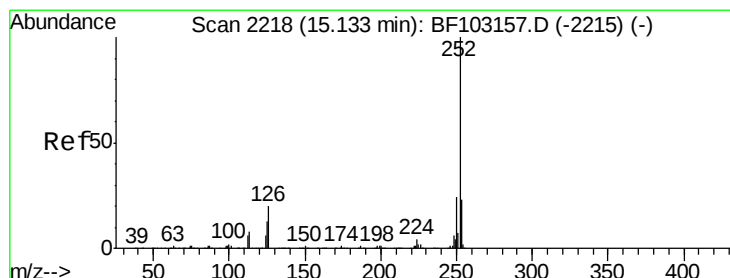
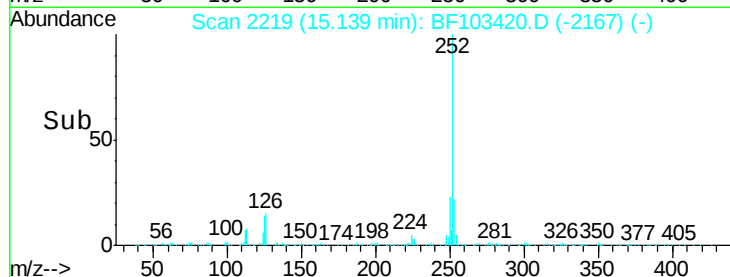
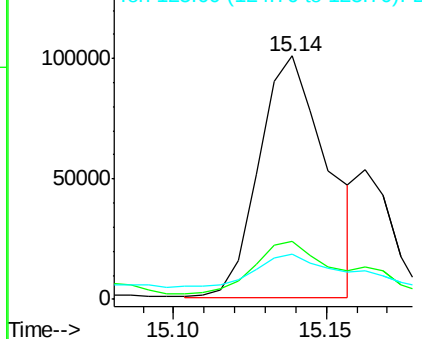
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 3.357 ng m

RT: 15.16 min Scan# 2223

Delta R.T. 0.00 min

Lab File: BF103420.D

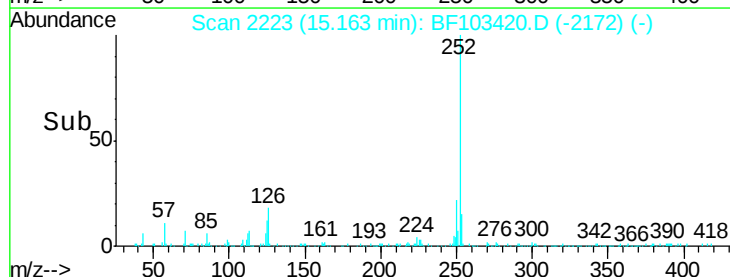
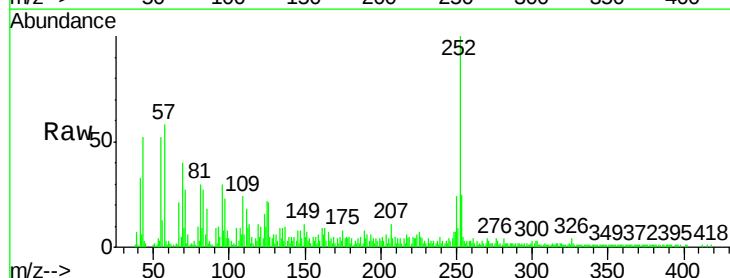
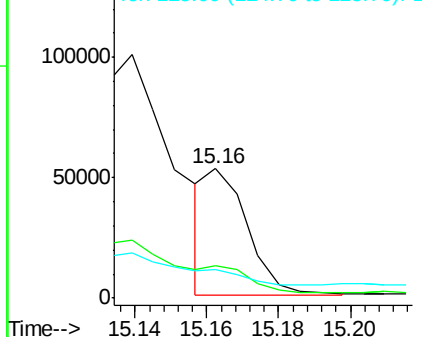
Acq: 5 Mar 2018 20:30

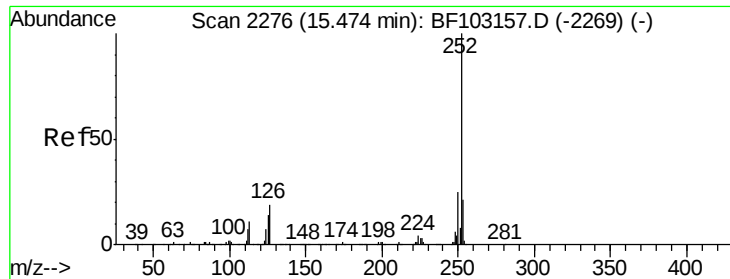
Tgt Ion:	252	Resp:	41853
Ion Ratio	Lower	Upper	
252	100		
253	25.3	17.9	26.9
125	22.2	10.2	15.2#

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: 8.434 ng

RT: 15.52 min Scan# 2284

Delta R.T. 0.01 min

Lab File: BF103420.D

Acq: 5 Mar 2018 20:30

Instrument :

BNA_F

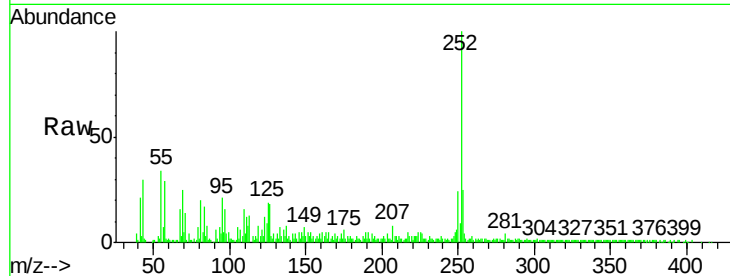
ClientSampled :

SP-1

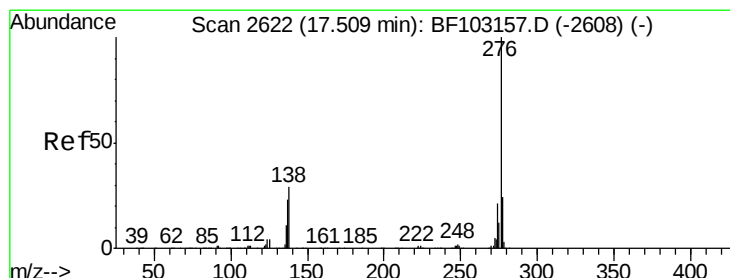
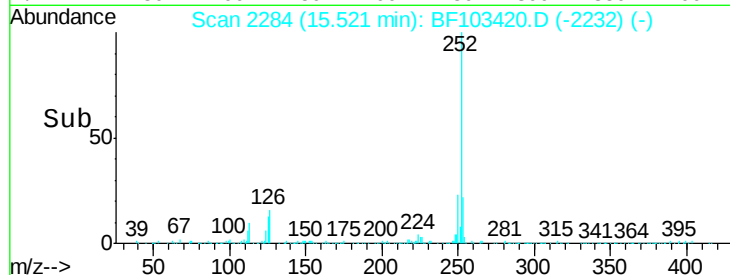
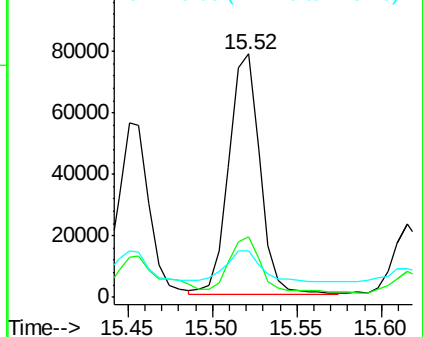
Tot Ion:	252	Resp:	99718
Ion Ratio	Lower	Upper	
252	100		
253	24.7	17.1	25.7
125	19.2	9.8	14.6

Manual Integrations
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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



#91

Benzo(g,h,i)perylene

Concen: 5.383 ng

RT: 17.60 min Scan# 2638

Delta R.T. 0.01 min

Lab File: BF103420.D

Acq: 5 Mar 2018 20:30

Tgt Ion:	276	Resp:	48066
Ion Ratio	Lower	Upper	
276	100		
277	26.8	17.9	26.9
138	32.5	21.8	32.8

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

