

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030518\
 Data File : BF103410.D
 Acq On : 5 Mar 2018 15:30
 Operator : SJ/JU
 Sample : J1751-11 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-030118-F

Manual Integrations
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Quant Time: Mar 05 17:05:38 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	135920	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	538186	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	216516	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	310835	20.00	ng	0.00
75) Chrysene-d12	14.07	240	245061	20.00	ng	0.00
86) Perylene-d12	15.59	264	173059	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	414762	46.15	ng	0.00
7) Phenol-d6	6.52	99	506221	46.03	ng	0.00
23) Nitrobenzene-d5	7.43	82	286865	30.44	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	58537	31.94	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	419459	27.50	ng	0.00
78) Terphenyl-d14	13.00	244	265240	26.02	ng	0.00

Target Compounds				Qvalue		
49) Dimethylphthalate	9.62	163	51118	2.943	ng	# 99
70) Phenanthrene	11.43	178	98841	5.778	ng	99
71) Anthracene	11.49	178	36854	2.101	ng	99
74) Fluoranthene	12.63	202	174808	10.169	ng	99
77) Pyrene	12.87	202	170853	8.942	ng	100
80) Benzo(a)anthracene	14.06	228	87034	5.474	ng	98
82) Chrysene	14.09	228	74931	4.853	ng	97
85) Indeno(1,2,3-cd)pyrene	17.13	276	24975	2.043	ng	96
87) Benzo(b)fluoranthene	15.14	252	82957m	7.291	ng	
88) Benzo(k)fluoranthene	15.16	252	24947m	2.328	ng	
89) Benzo(a)pyrene	15.52	252	53409	5.256	ng	# 86
91) Benzo(a,h,i)perylene	17.60	276	26079	3.399	ng	94

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

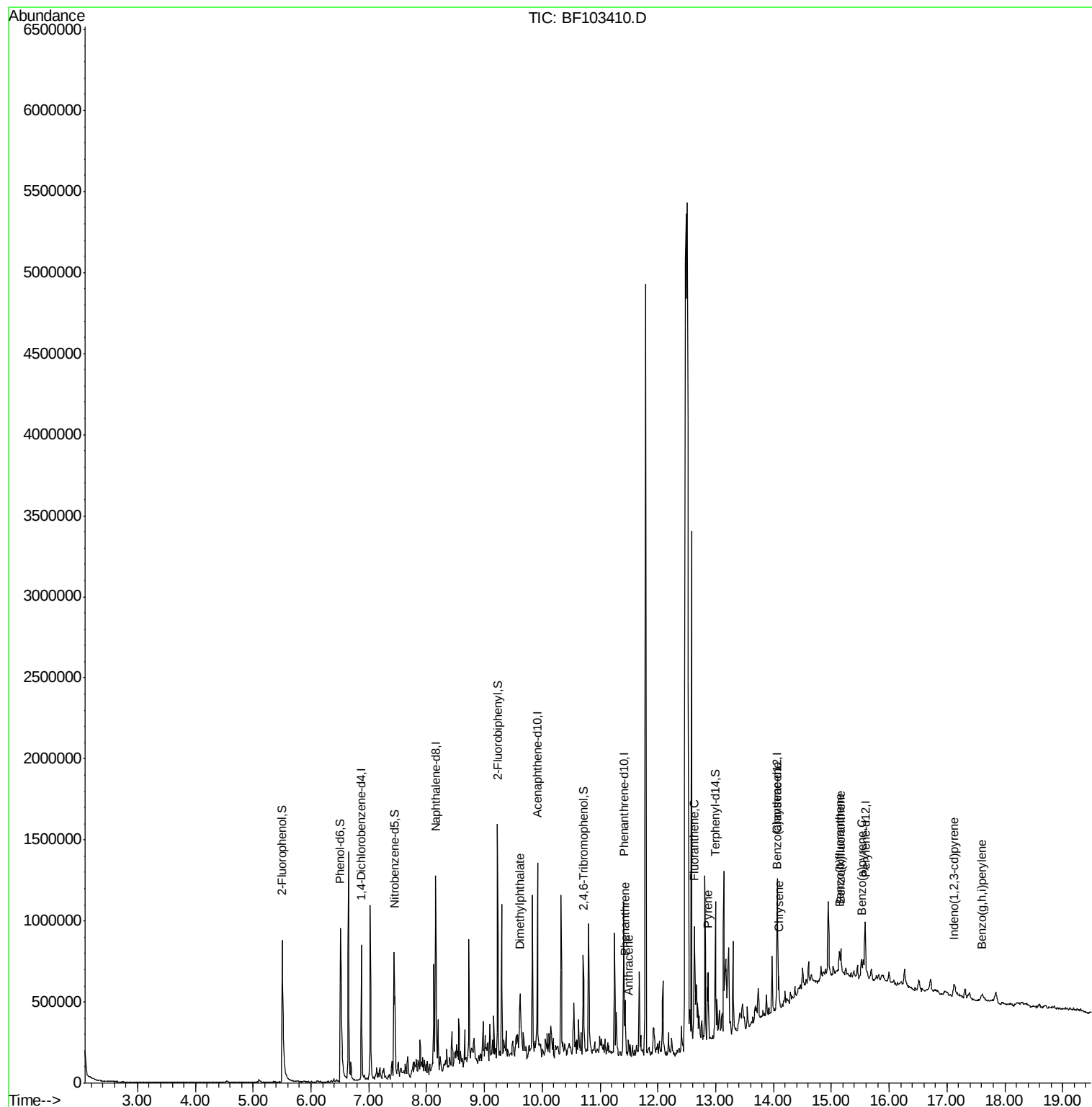
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Data File : BF103410.D
Acq On : 5 Mar 2018 15:30
Operator : SJ/JU
Sample : J1751-11 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

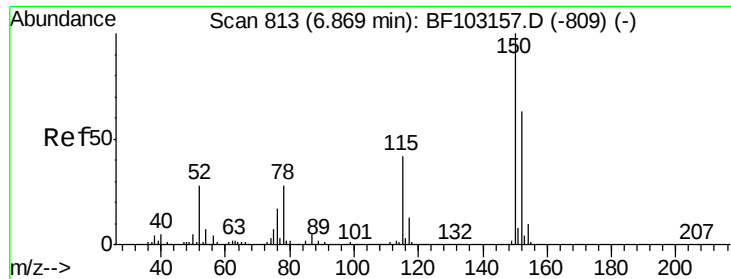
Instrument :
BNA_F
ClientSampleId :
JC-02-030118-F

Quant Time: Mar 05 17:05:38 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

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#1

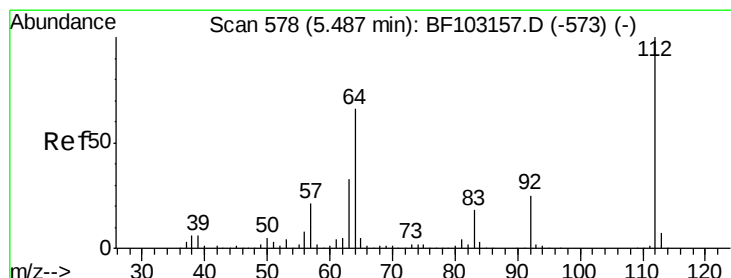
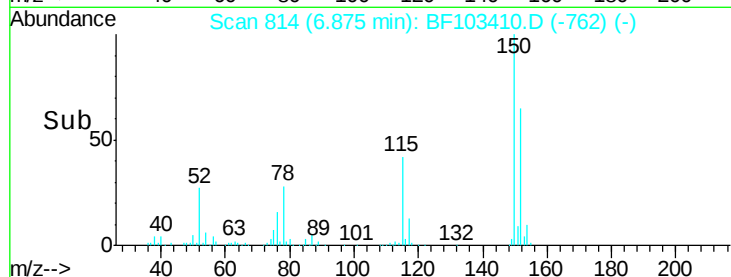
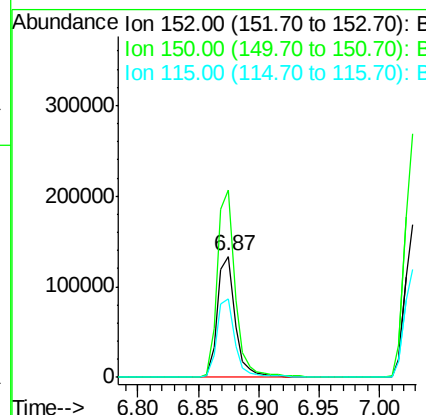
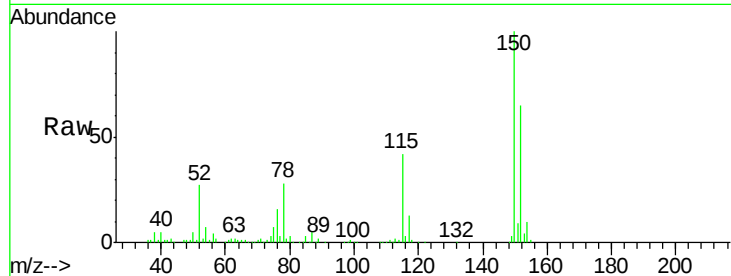
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF103410.D
Acq: 5 Mar 2018 15:30

Instrument :
BNA_F
ClientSampleId :
JC-02-030118-F

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.6	186.8
115	65.3	50.1	75.1

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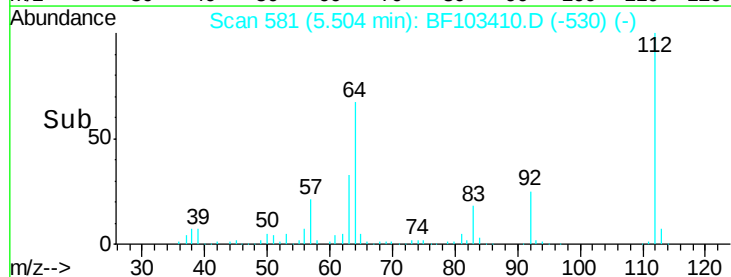
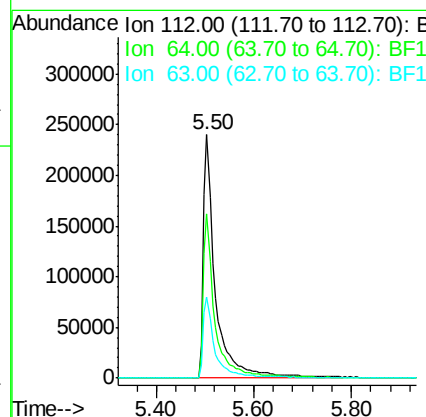
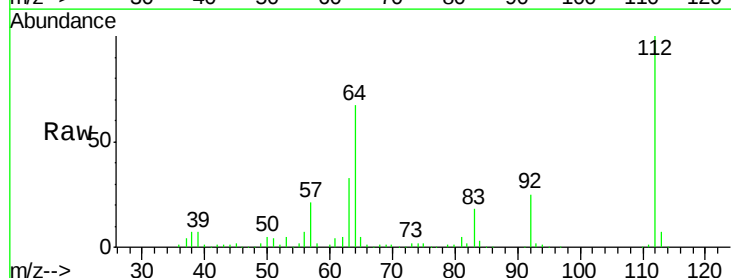
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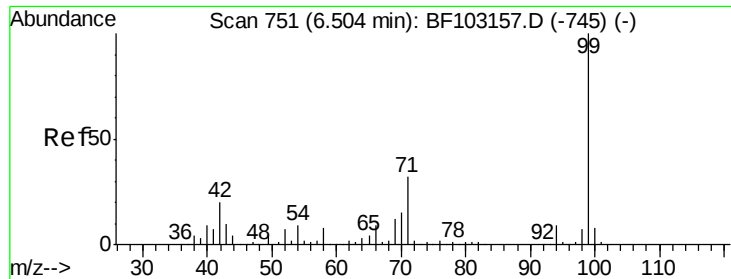


#5

2-Fluorophenol
Concen: 46.152 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.00 min
Lab File: BF103410.D
Acq: 5 Mar 2018 15:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.4	47.9	71.9
63	33.4	23.7	35.5





#7

Phenol-d6

Concen: 46.034 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF103410.D

Acq: 5 Mar 2018 15:30

Instrument :

BNA_F

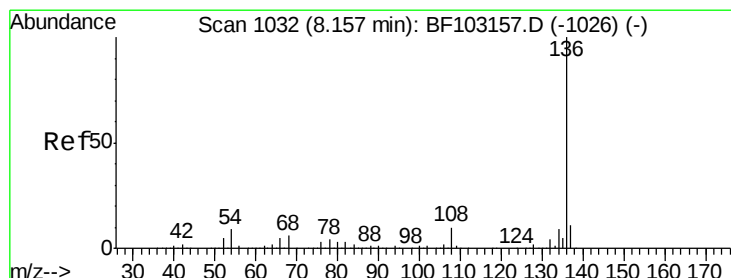
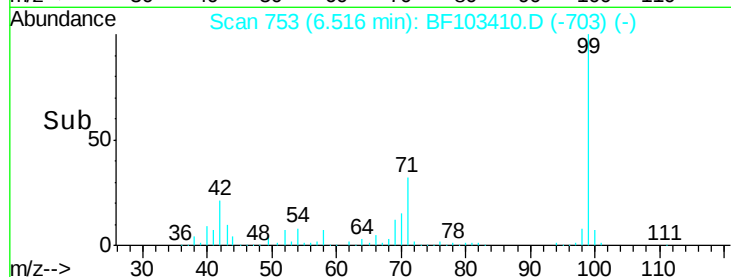
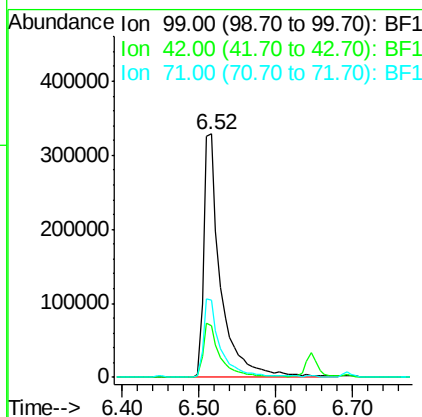
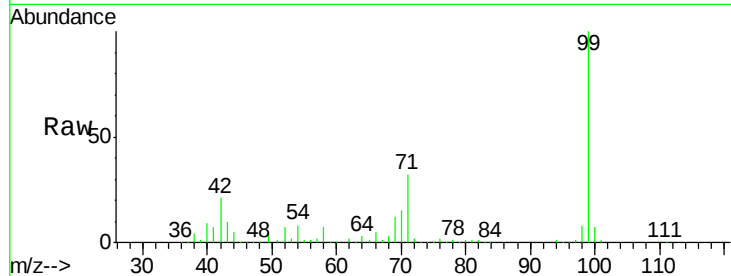
ClientSampleId :

JC-02-030118-F

Tot Ion:	99	Resp:	506221
Ion Ratio	Lower	Upper	
99	100		
42	21.1	14.5	21.7
71	31.6	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

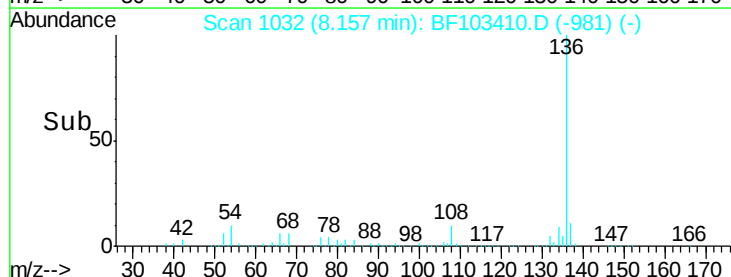
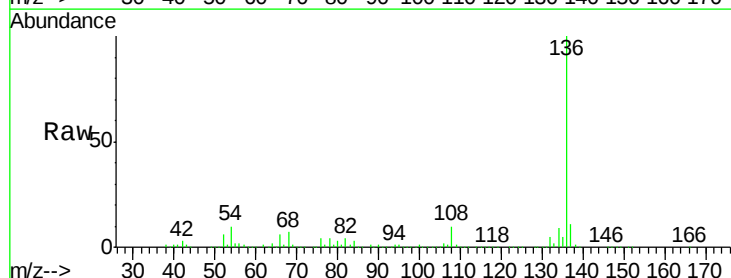
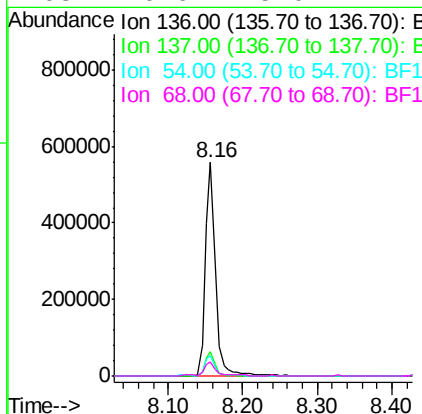
RT: 8.16 min Scan# 1032

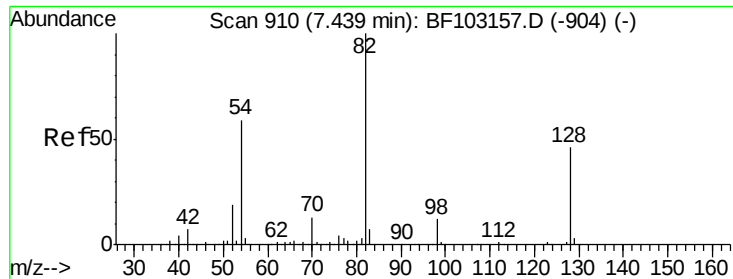
Delta R.T. 0.00 min

Lab File: BF103410.D

Acq: 5 Mar 2018 15:30

Tgt Ion:	136	Resp:	538186
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.9	13.3
54	9.7	6.6	9.8
68	6.6	5.0	7.4





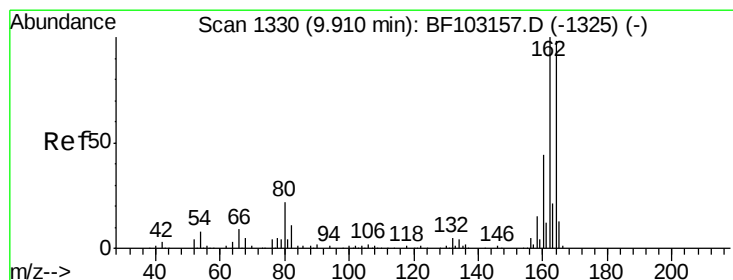
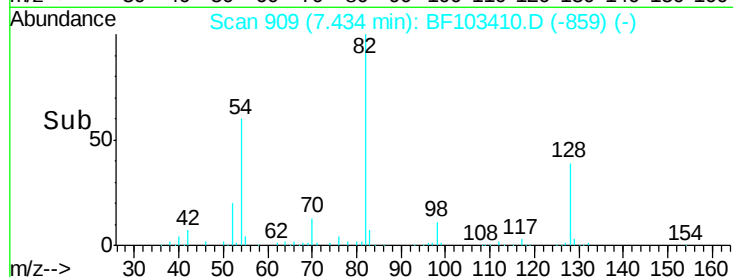
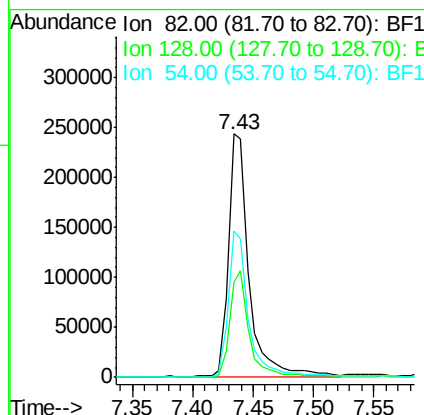
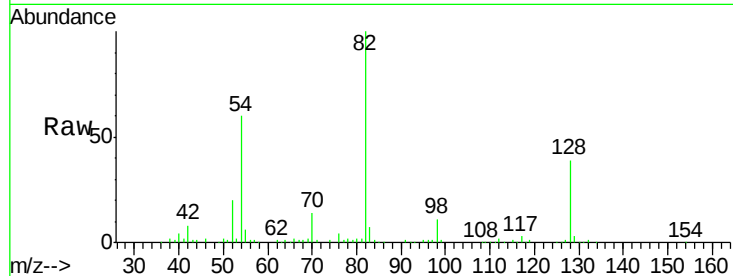
#23
Nitrobenzene-d5
Concen: 30.440 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF103410.D
Acq: 5 Mar 2018 15:30

Instrument :
BNA_F
ClientSampleId :
JC-02-030118-F

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.0	36.1	54.1
54	60.3	41.4	62.2

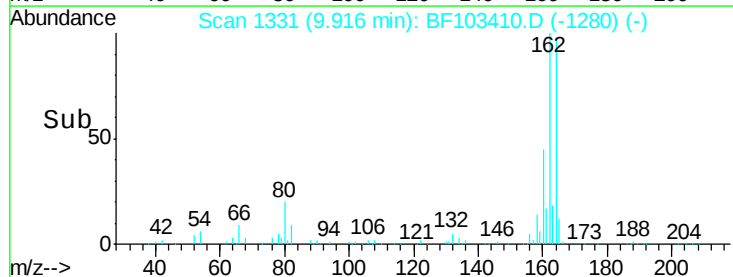
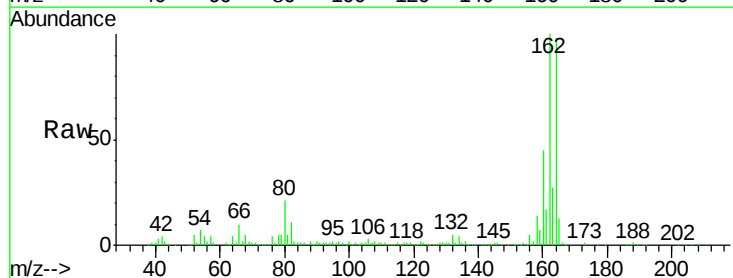
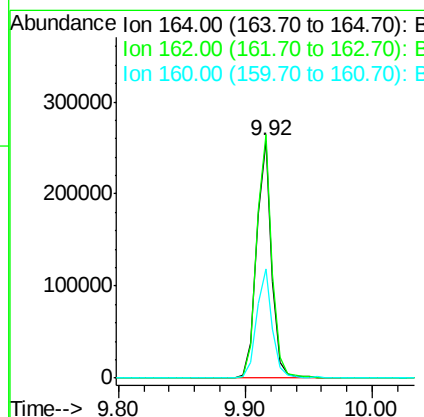
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF103410.D
Acq: 5 Mar 2018 15:30

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	86.1	129.1
160	46.2	38.3	57.5





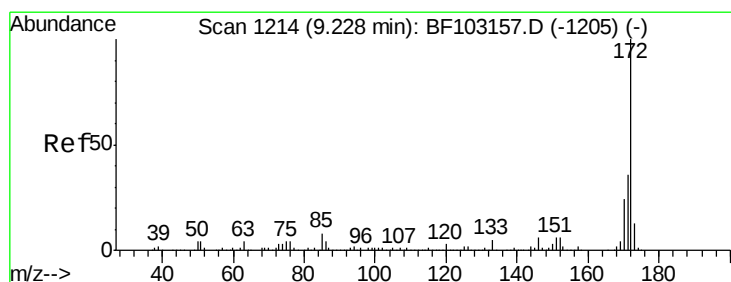
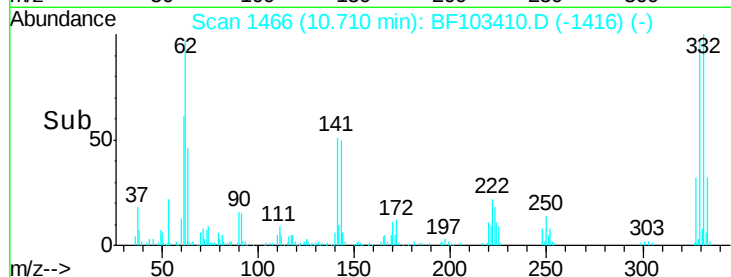
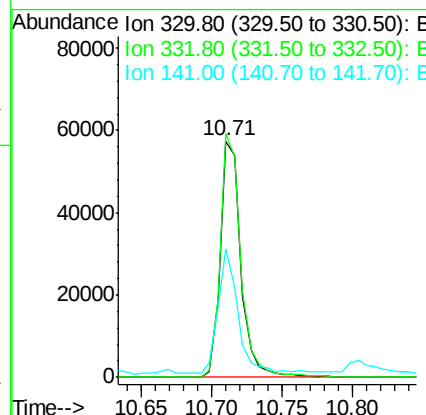
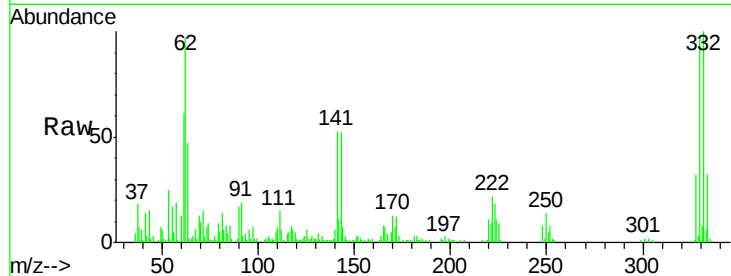
#41
 2,4,6-Tribromophenol
 Concen: 31.940 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF103410.D
 Acq: 5 Mar 2018 15:30

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-030118-F

Tot Ion	Ratio	Lower	Upper
330	100		
332	102.6	77.0	115.6
141	52.1	29.9	44.9

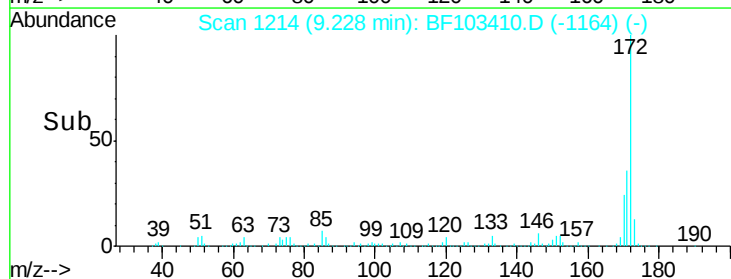
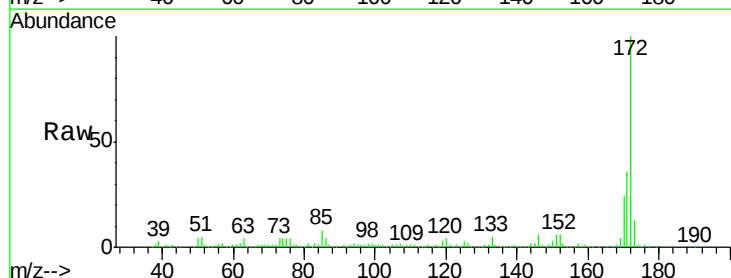
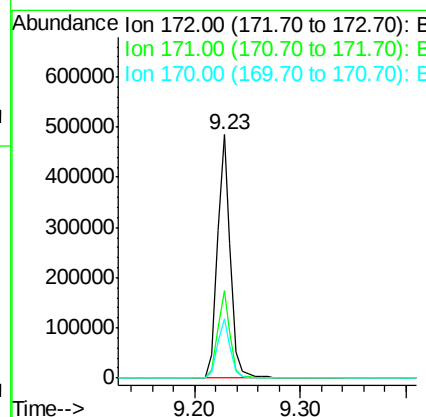
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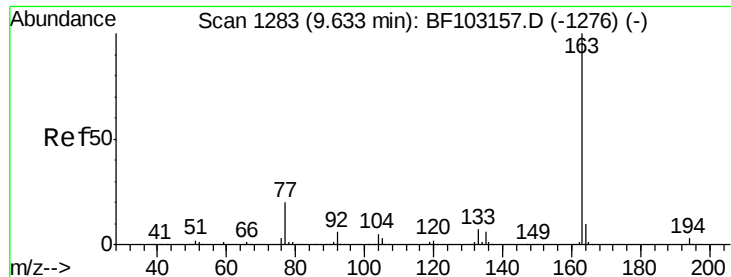
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#44
 2-Fluorobiphenyl
 Concen: 27.501 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF103410.D
 Acq: 5 Mar 2018 15:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.3	19.6	29.4





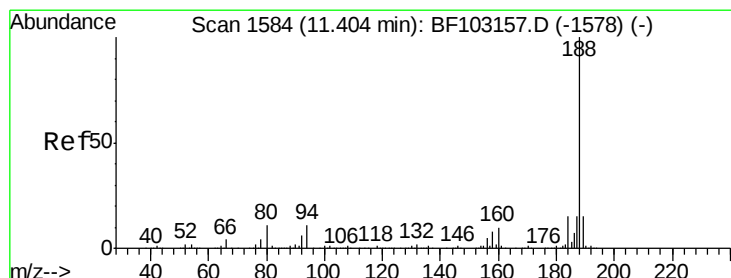
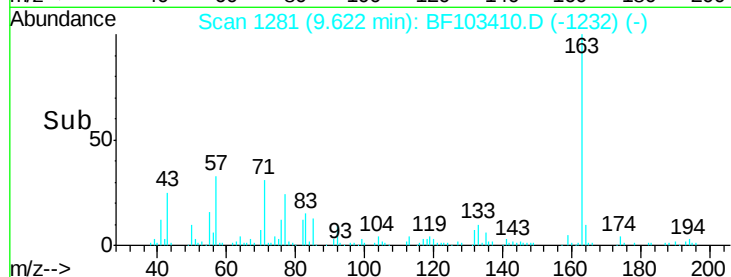
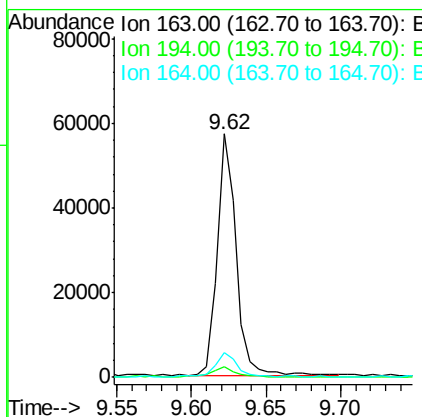
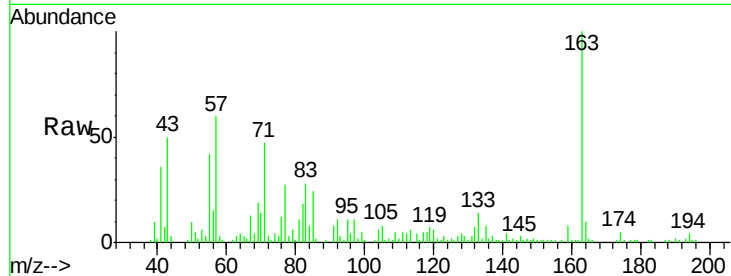
#49
Dimethylphthalate
Concen: 2.943 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103410.D
Acq: 5 Mar 2018 15:30

Instrument :
BNA_F
ClientSampleId :
JC-02-030118-F

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	10.4	8.2	12.2

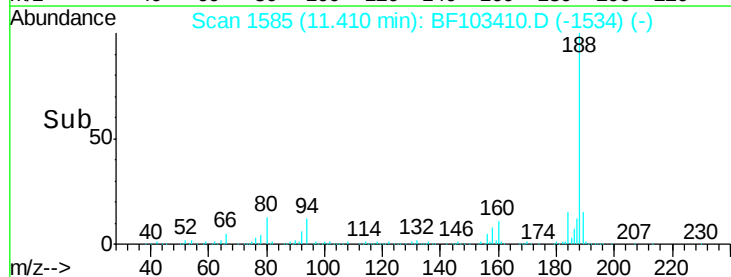
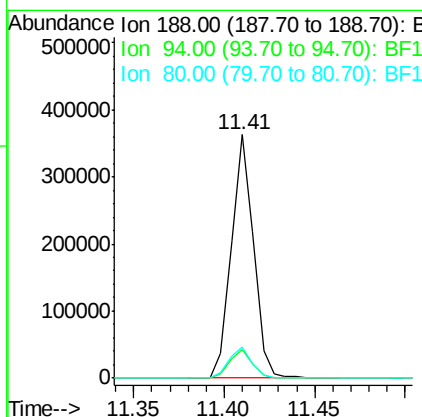
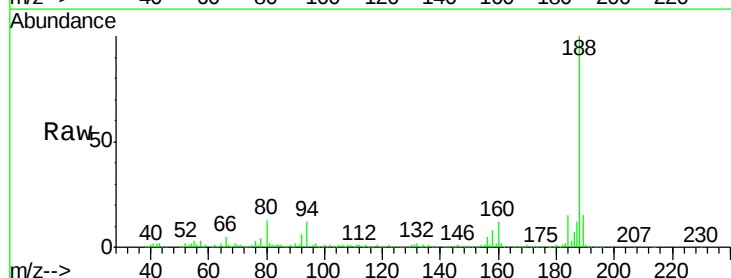
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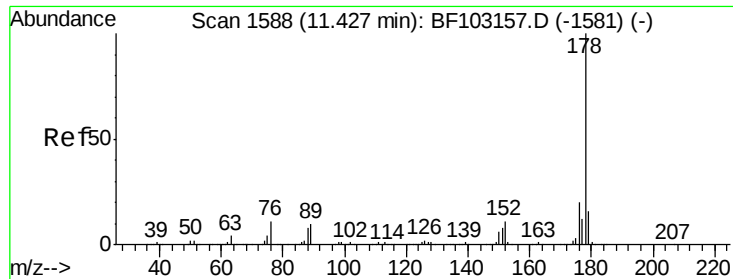
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF103410.D
Acq: 5 Mar 2018 15:30

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.7	8.5	12.7
80	12.9	9.2	13.8





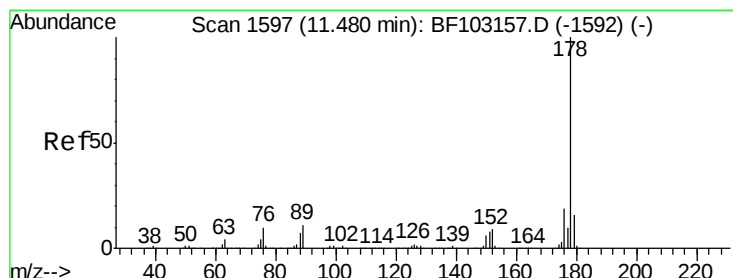
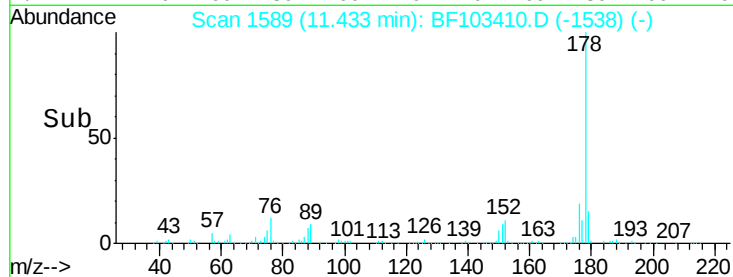
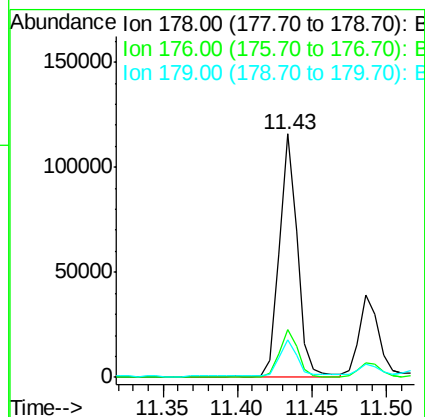
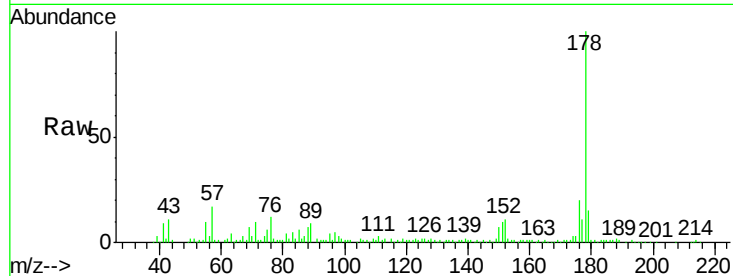
#70
Phenanthrene
Concen: 5.778 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BF103410.D
Acq: 5 Mar 2018 15:30

Instrument :
BNA_F
ClientSampleId :
JC-02-030118-F

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.2	13.0	19.6

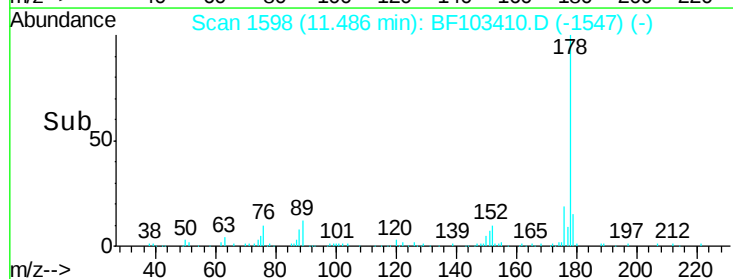
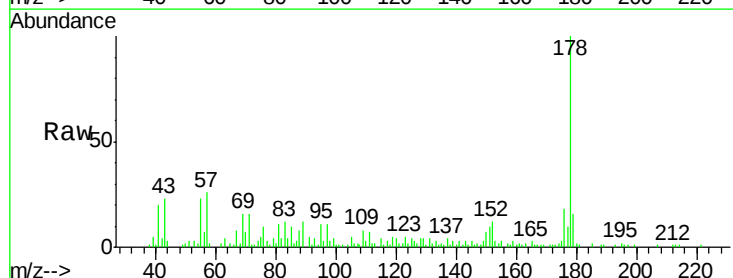
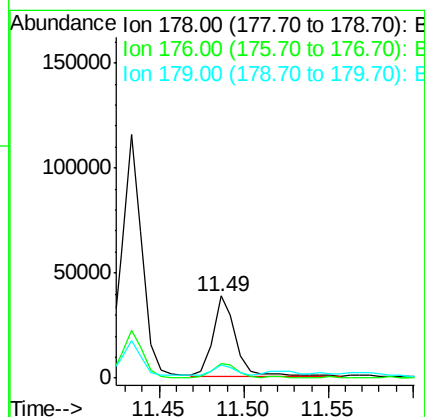
Manual Integrations
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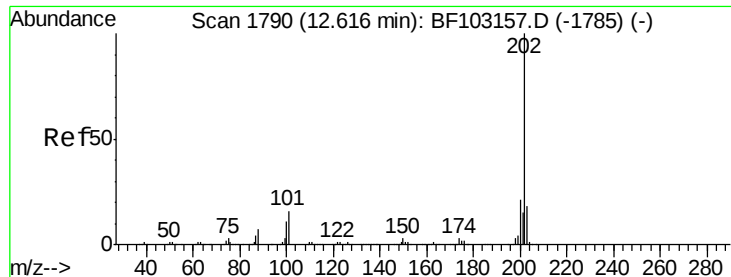
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#71
Anthracene
Concen: 2.101 ng
RT: 11.49 min Scan# 1598
Delta R.T. 0.00 min
Lab File: BF103410.D
Acq: 5 Mar 2018 15:30

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	15.8	12.6	19.0





#74

Fluoranthene

Concen: 10.169 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BF103410.D

Acq: 5 Mar 2018 15:30

Instrument :

BNA_F

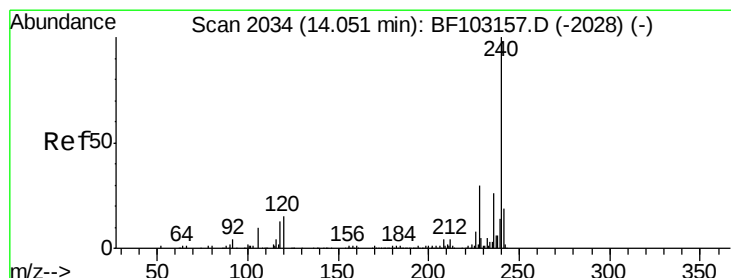
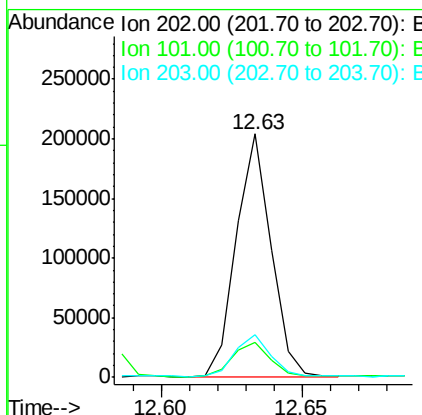
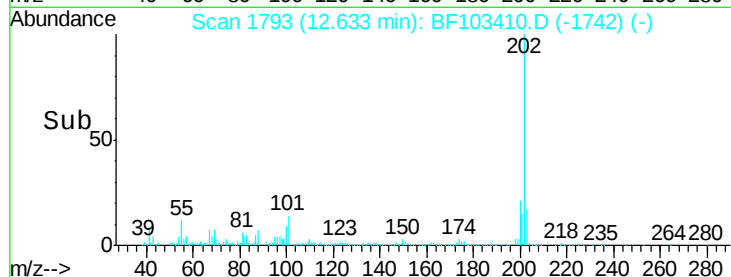
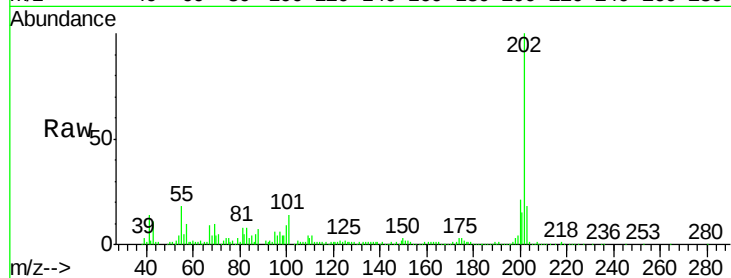
ClientSampleId :

JC-02-030118-F

Tot Ion:	202	Resp:	174808
Ion Ratio		Lower	Upper
202	100		
101	14.4	0.0	34.1
203	17.5	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

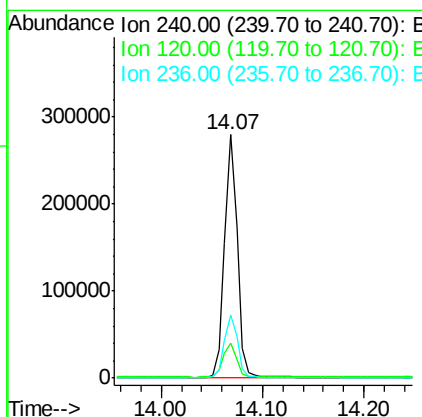
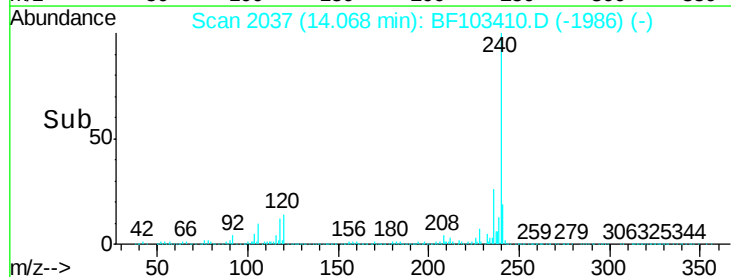
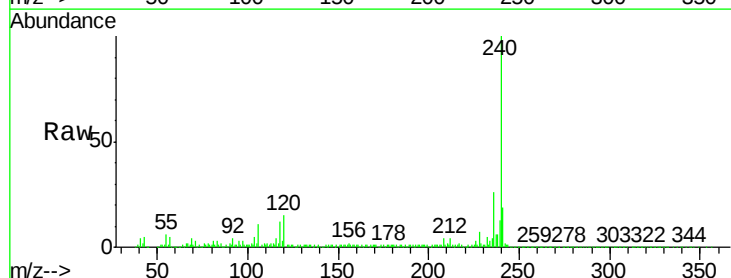
RT: 14.07 min Scan# 2037

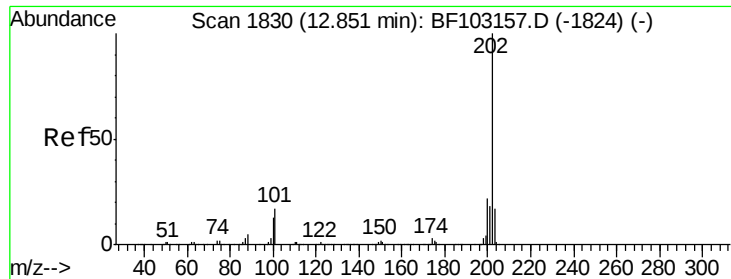
Delta R.T. 0.00 min

Lab File: BF103410.D

Acq: 5 Mar 2018 15:30

Tgt Ion:	240	Resp:	245061
Ion Ratio		Lower	Upper
240	100		
120	14.5	9.5	14.3#
236	26.2	20.7	31.1





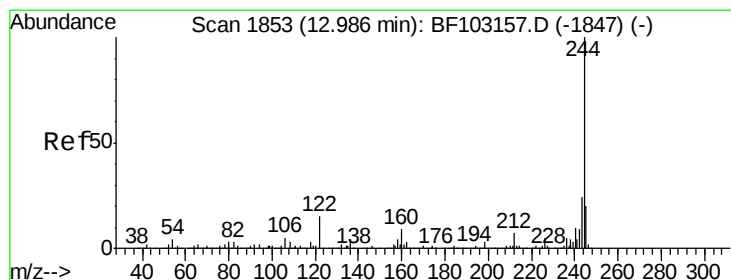
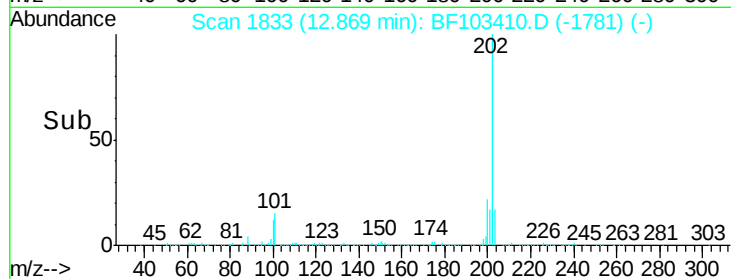
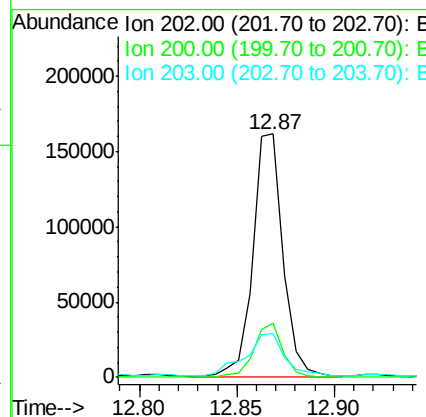
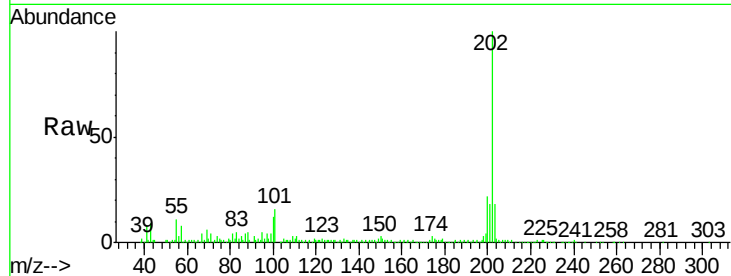
#77
Pvrene
Concen: 8.942 ng
RT: 12.87 min Scan# 1833
Delta R.T. 0.01 min
Lab File: BF103410.D
Acq: 5 Mar 2018 15:30

Instrument :
BNA_F
ClientSampleId :
JC-02-030118-F

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.1	17.4	26.2
203	17.9	14.3	21.5

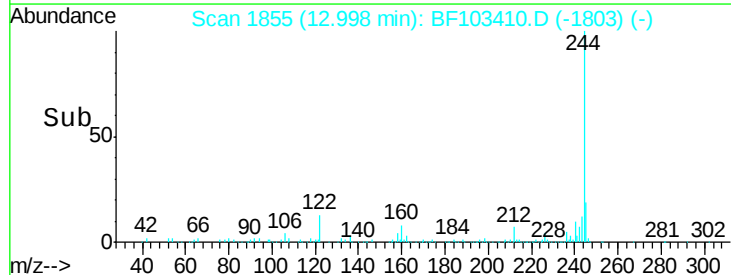
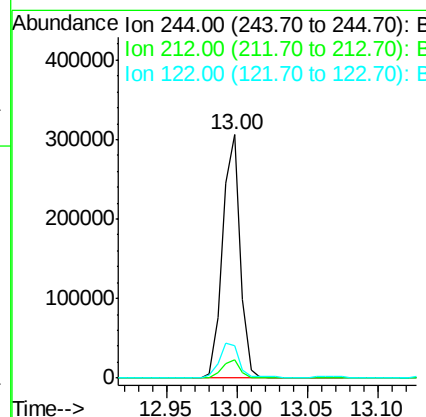
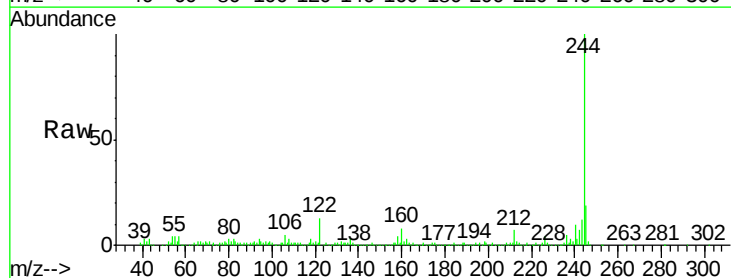
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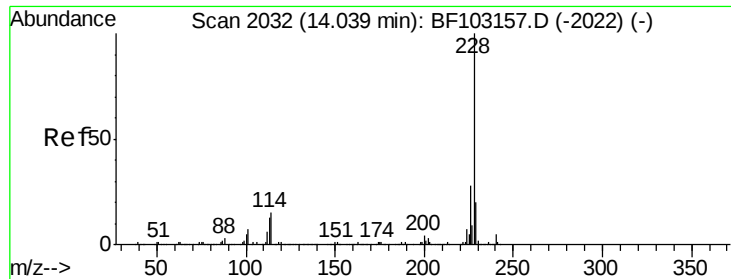
Sohil
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#78
Terphenyl-d14
Concen: 26.018 ng
RT: 13.00 min Scan# 1855
Delta R.T. 0.01 min
Lab File: BF103410.D
Acq: 5 Mar 2018 15:30

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.4	5.4	8.0
122	13.2	11.0	16.4





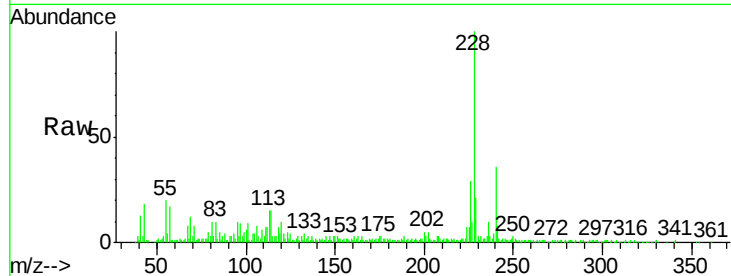
#80
Benzo(a)anthracene
Concen: 5.474 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BF103410.D
Acq: 5 Mar 2018 15:30

Instrument :
BNA_F
ClientSampleId :
JC-02-030118-F

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.6	33.8
229	21.3	15.8	23.6

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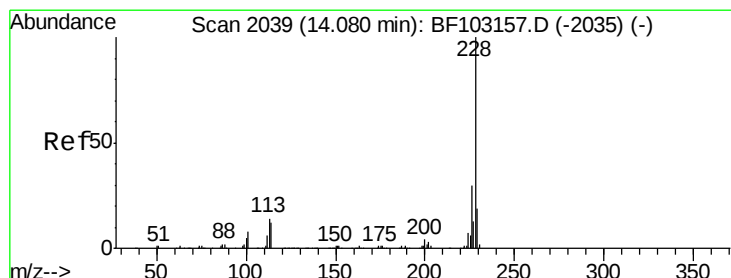
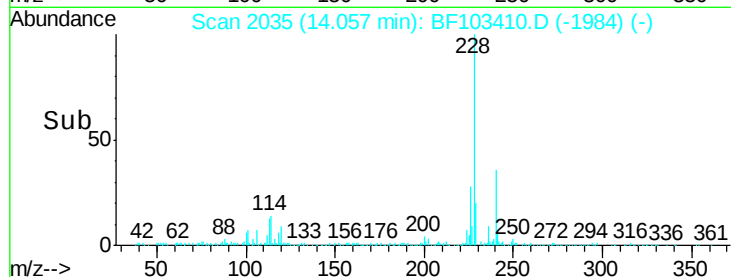
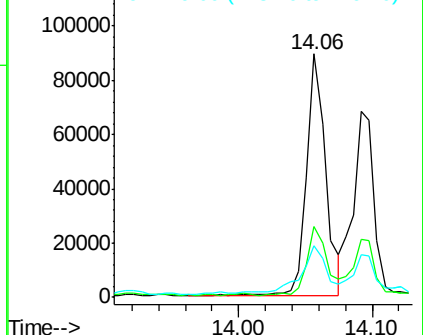


Abundance

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: 4.853 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BF103410.D
Acq: 5 Mar 2018 15:30

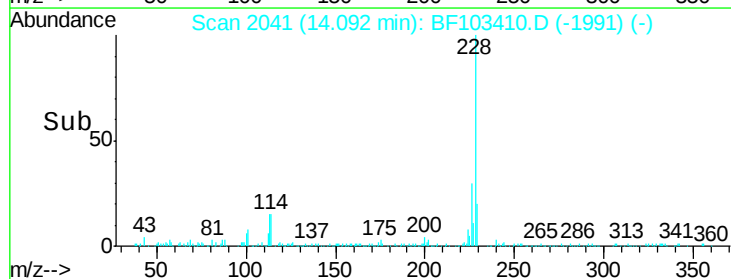
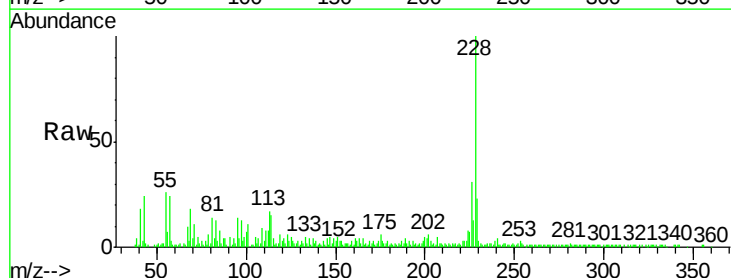
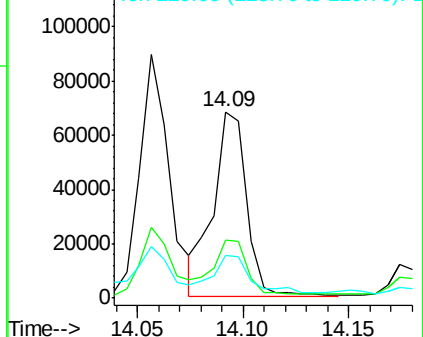
Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	23.1	16.2	24.4

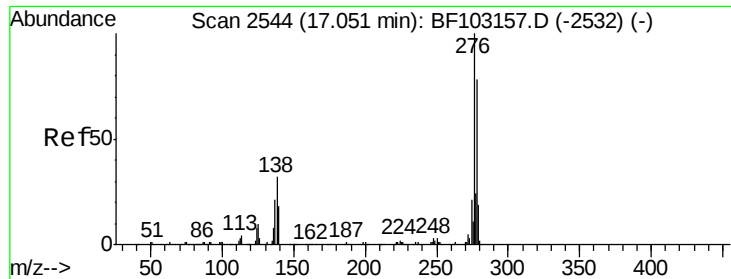
Abundance

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: 2.043 ng

RT: 17.13 min Scan# 2558

Delta R.T. 0.00 min

Lab File: BF103410.D

Acq: 5 Mar 2018 15:30

Instrument :

BNA_F

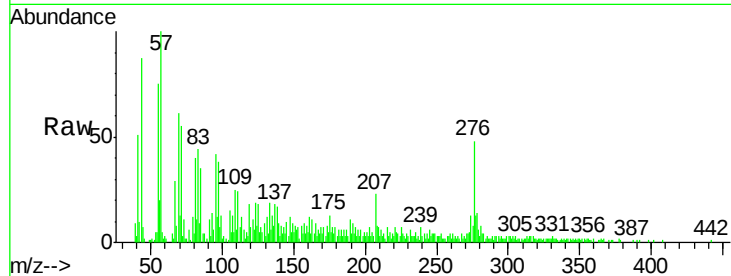
ClientSampleId :

JC-02-030118-F

Tot Ion:	276	Resp:	24975
Ion Ratio	Lower	Upper	
276	100		
138	31.1	25.0	37.6
277	28.9	20.1	30.1

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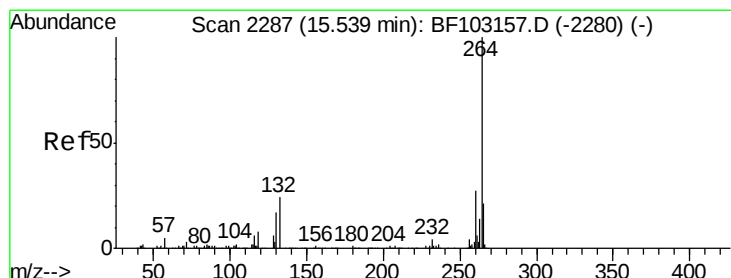
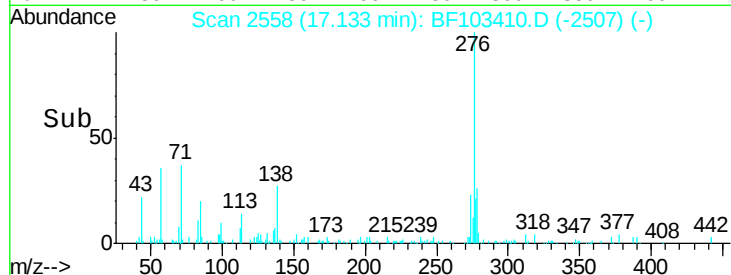


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

Time--> 17.05 17.10 17.15 17.20



#86

Perylene-d12

Concen: 20.000 ng

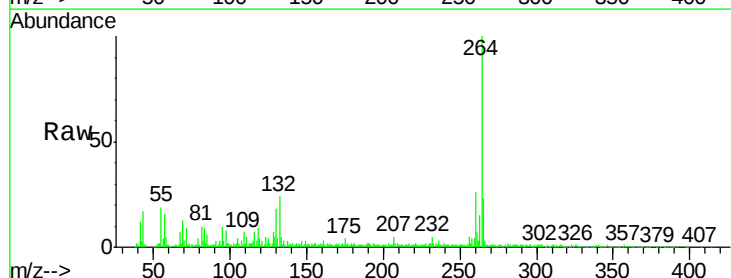
RT: 15.59 min Scan# 2295

Delta R.T. 0.01 min

Lab File: BF103410.D

Acq: 5 Mar 2018 15:30

Tgt Ion:	264	Resp:	173059
Ion Ratio	Lower	Upper	
264	100		
260	26.3	19.2	28.8
265	22.5	17.5	26.3

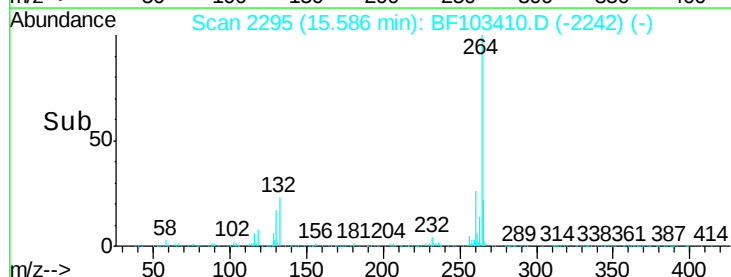


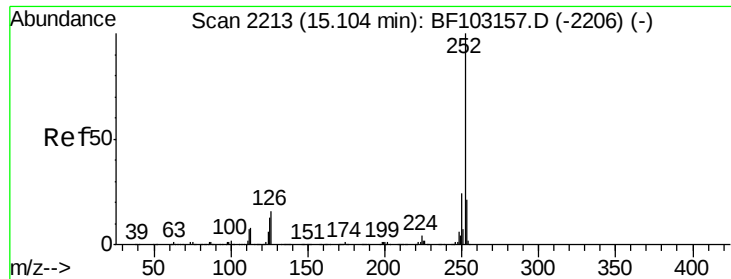
Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

Time--> 15.50 15.60 15.70





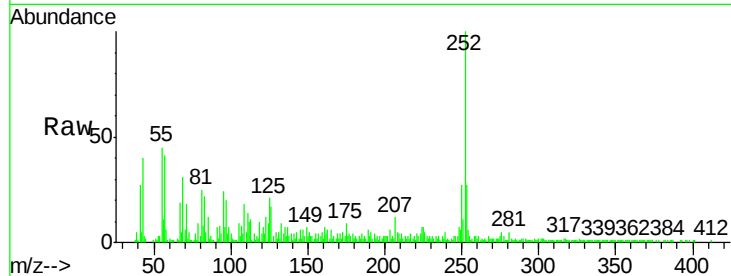
#87
Benzo(b)fluoranthene
Concen: 7.291 ng m
RT: 15.14 min Scan# 2219
Delta R.T. 0.01 min
Lab File: BF103410.D
Acq: 5 Mar 2018 15:30

Instrument :
BNA_F
ClientSampleId :
JC-02-030118-F

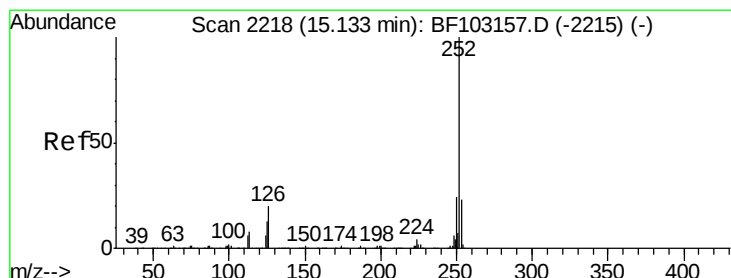
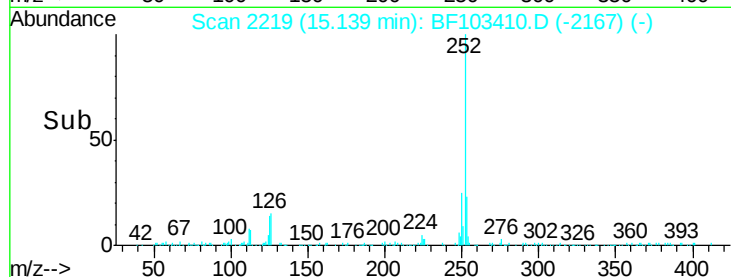
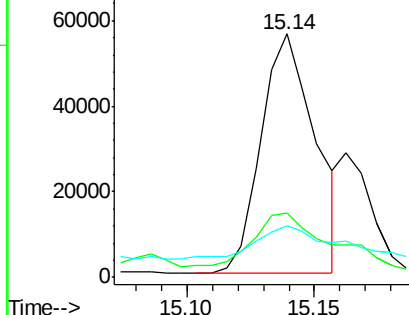
Tot Ion	Ratio	Lower	Upper
252	100		
253	26.6	17.0	25.6#
125	21.1	9.0	13.6#

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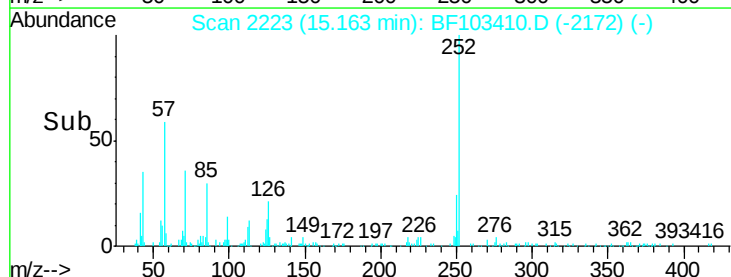
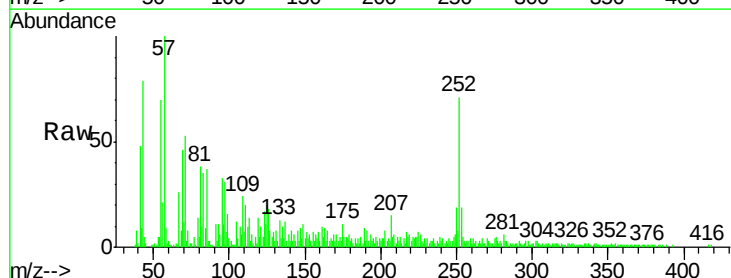
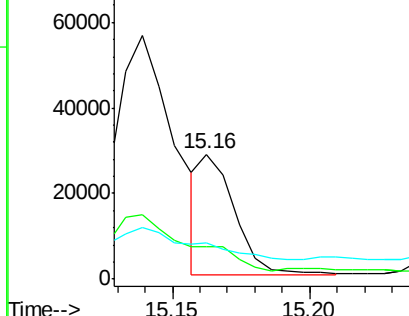
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

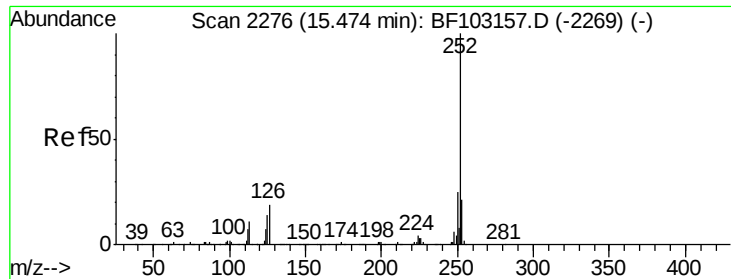


#88
Benzo(k)fluoranthene
Concen: 2.328 ng m
RT: 15.16 min Scan# 2223
Delta R.T. 0.00 min
Lab File: BF103410.D
Acq: 5 Mar 2018 15:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.9	26.9
125	28.9	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





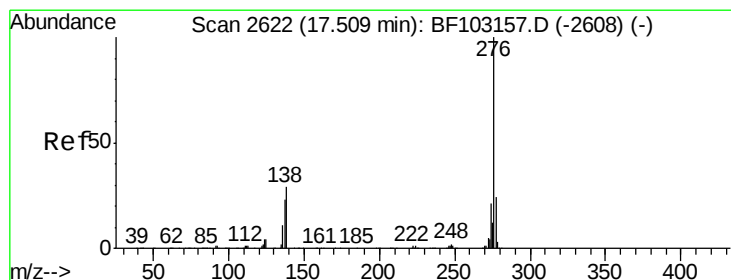
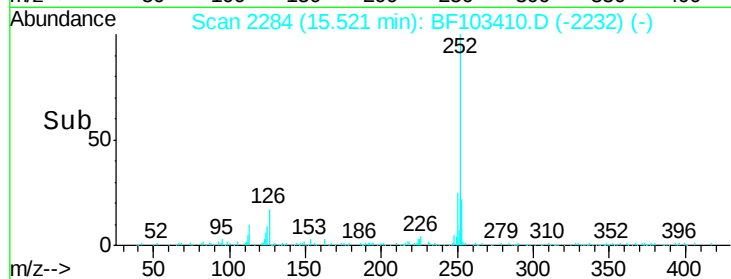
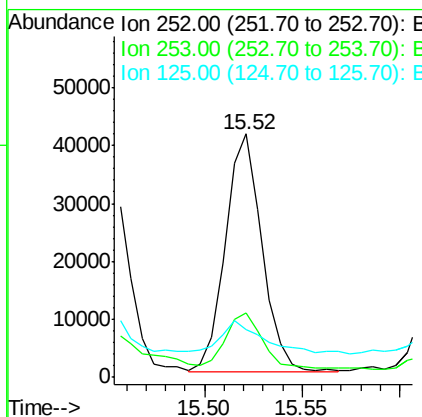
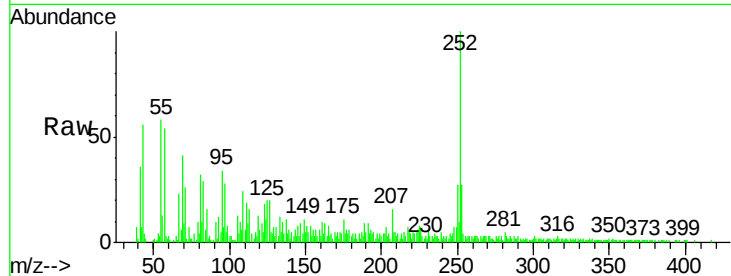
#89
Benzo(a)pyrene
Concen: 5.256 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.01 min
Lab File: BF103410.D
Acq: 5 Mar 2018 15:30

Instrument :
BNA_F
ClientSampleId :
JC-02-030118-F

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.1	25.7#
125	19.9	9.8	14.6#

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 3.399 ng
RT: 17.60 min Scan# 2638
Delta R.T. 0.01 min
Lab File: BF103410.D
Acq: 5 Mar 2018 15:30

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	17.9	26.9
138	32.2	21.8	32.8

