

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030518\
 Data File : BF103408.D
 Acq On : 5 Mar 2018 14:37
 Operator : SJ/JU
 Sample : J1751-09 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

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

Manual Integrations
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Sohil
 3/6/2018 4:22:54 PM

Quant Time: Mar 05 15:31:53 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	138374	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	567410	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	235267	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	349468	20.00	ng	0.00
75) Chrysene-d12	14.07	240	238765	20.00	ng	0.00
86) Perylene-d12	15.58	264	178553	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	500546	54.71	ng	0.00
7) Phenol-d6	6.51	99	617382	55.15	ng	-0.01
23) Nitrobenzene-d5	7.43	82	363520	36.59	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	82949	41.65	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	538421	33.44	ng	0.00
78) Terphenyl-d14	12.99	244	346095	34.84	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.62	163	79862	4.231	ng	98
57) Fluorene	10.46	166	33330	2.037	ng	# 95
70) Phenanthrene	11.43	178	289560	15.056	ng	99
71) Anthracene	11.49	178	91046	4.617	ng	99
74) Fluoranthene	12.63	202	347143	17.962	ng	98
77) Pyrene	12.86	202	299443	16.086	ng	99
80) Benzo(a)anthracene	14.06	228	142670	9.209	ng	97
82) Chrysene	14.09	228	115477	7.677	ng	97
85) Indeno(1,2,3-cd)pyrene	17.13	276	40320	3.386	ng	95
87) Benzo(b)fluoranthene	15.13	252	116138m	9.893	ng	
88) Benzo(k)fluoranthene	15.16	252	45148m	4.084	ng	
89) Benzo(a)pyrene	15.52	252	81893	7.812	ng	# 88
91) Benzo(a,h,i)perylene	17.60	276	38670	4.884	ng	# 87

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

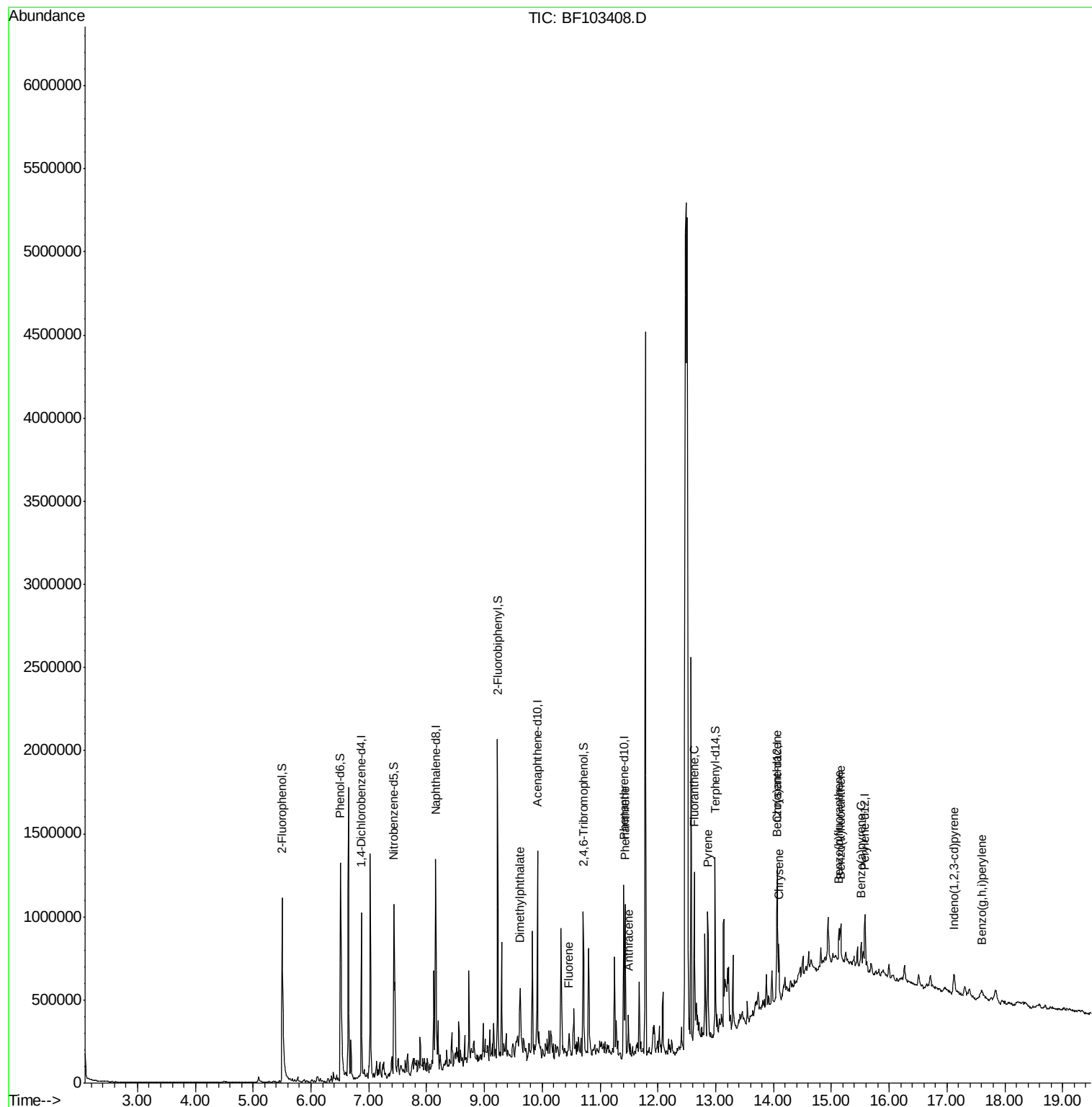
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103408.D
Acq On : 5 Mar 2018 14:37
Operator : SJ/JU
Sample : J1751-09 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

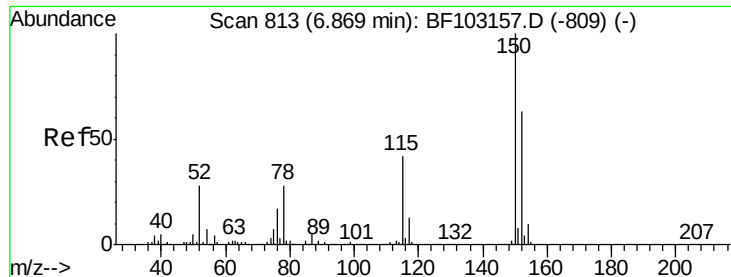
Instrument :
BNA_F
ClientSampleId :
JC-02-030118-E

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Quant Time: Mar 05 15:31:53 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

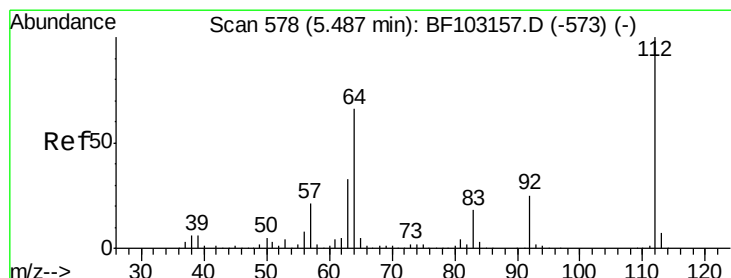
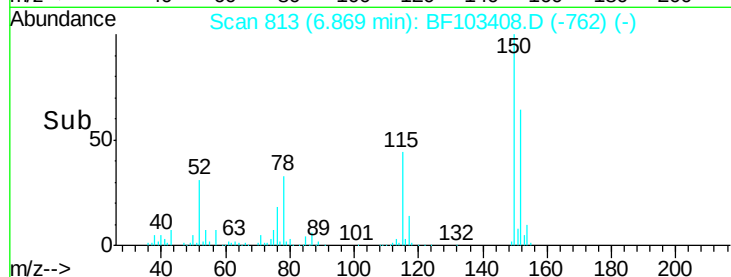
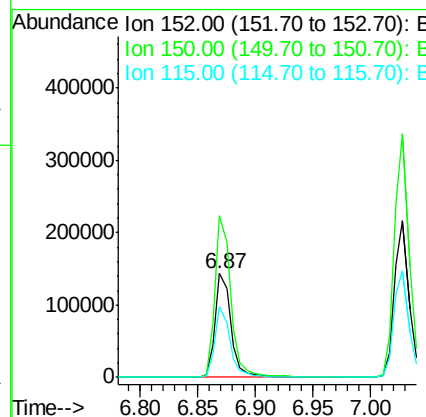
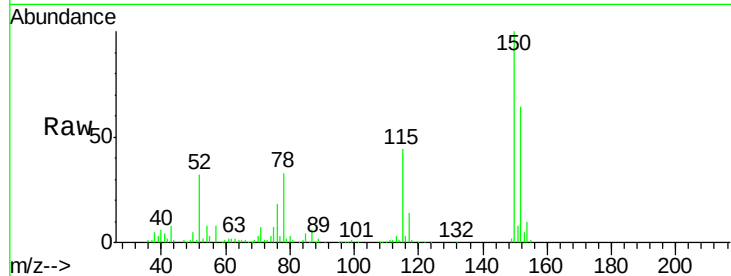
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF103408.D
Acq: 5 Mar 2018 14:37

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.6	186.8
115	67.7	50.1	75.1

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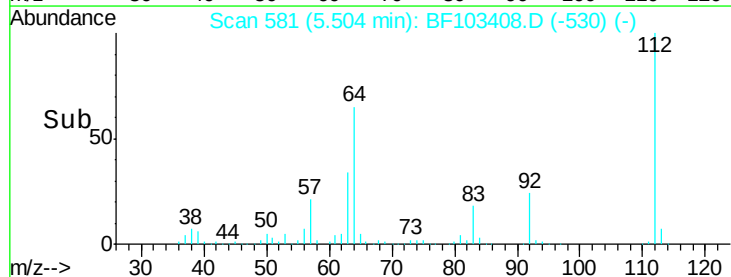
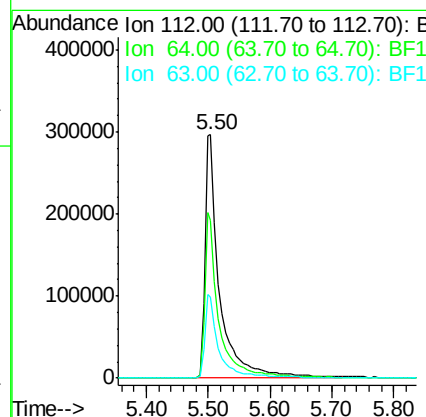
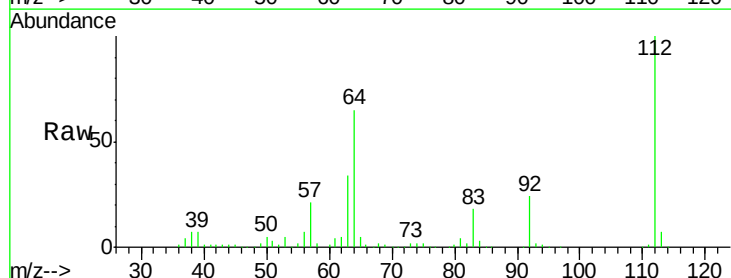
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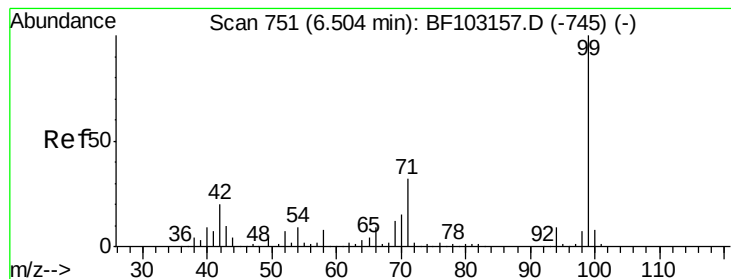


#5

2-Fluorophenol
Concen: 54.710 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.00 min
Lab File: BF103408.D
Acq: 5 Mar 2018 14:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.6	47.9	71.9
63	33.5	23.7	35.5





#7

Phenol-d6

Concen: 55.146 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF103408.D

Acq: 5 Mar 2018 14:37

Instrument :

BNA_F

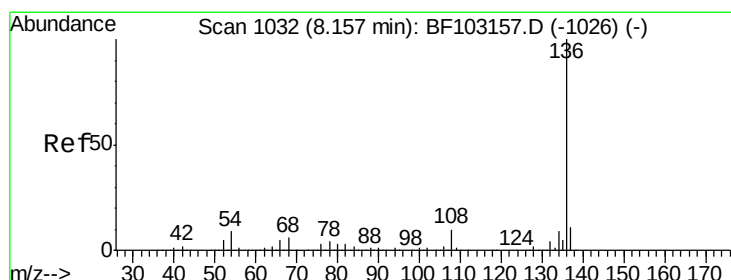
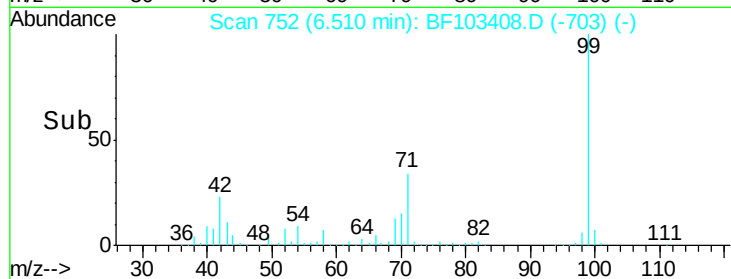
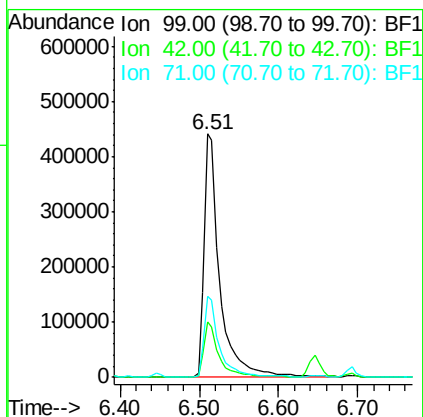
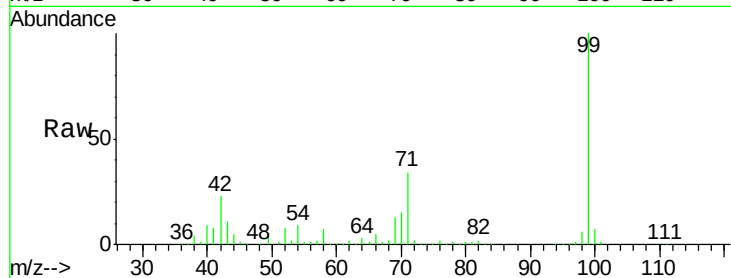
ClientSampleId :

JC-02-030118-E

Tot Ion:	99	Resp:	617382
Ion Ratio	Lower	Upper	
99	100		
42	22.9	14.5	21.7#
71	33.5	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

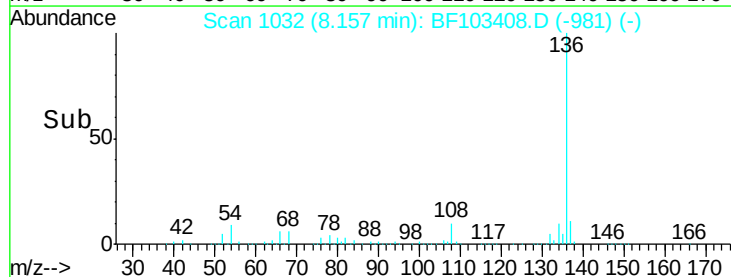
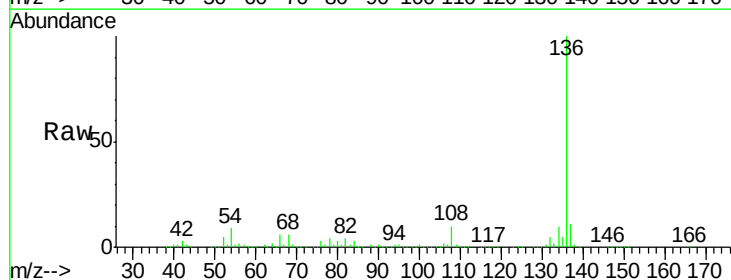
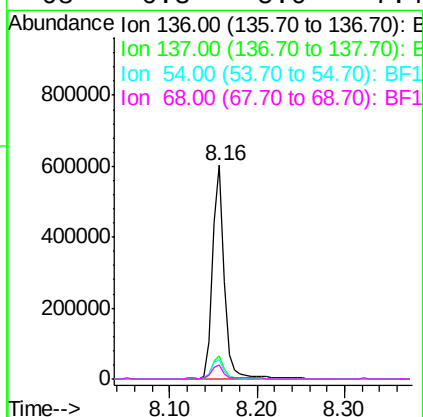
RT: 8.16 min Scan# 1032

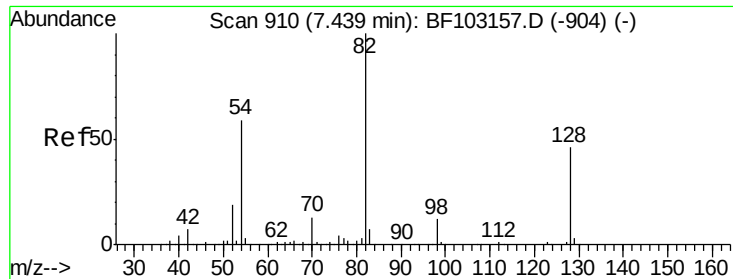
Delta R.T. 0.00 min

Lab File: BF103408.D

Acq: 5 Mar 2018 14:37

Tgt Ion:	136	Resp:	567410
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	8.9	6.6	9.8
68	6.3	5.0	7.4





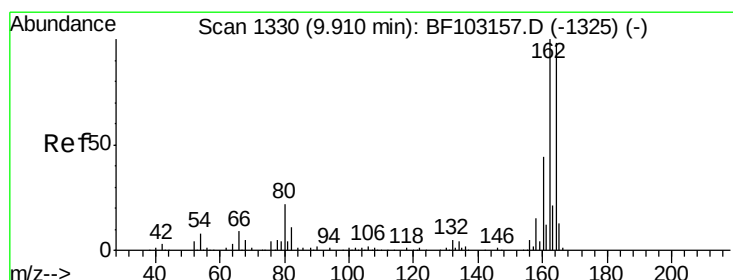
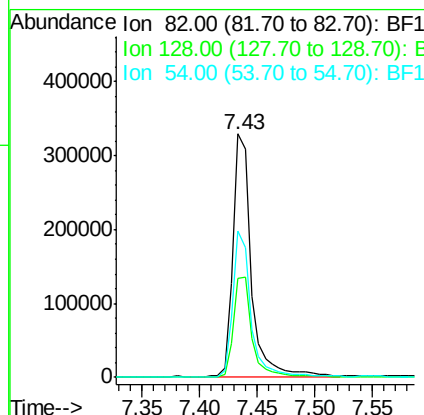
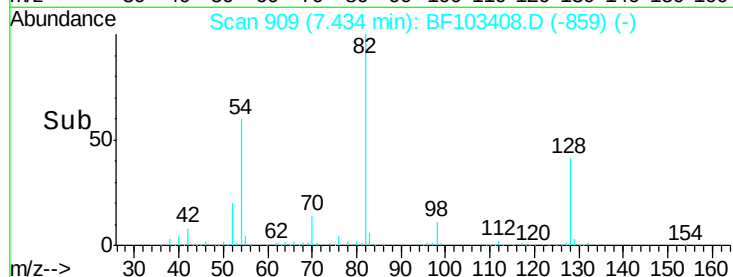
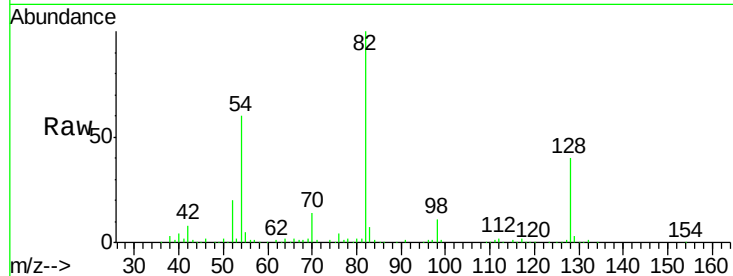
#23
 Nitrobenzene-d5
 Concen: 36.587 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF103408.D
 Acq: 5 Mar 2018 14:37

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

Tot Ion:	82	Resp:	363520
Ion Ratio	Lower	Upper	
82	100		
128	40.5	36.1	54.1
54	60.2	41.4	62.2

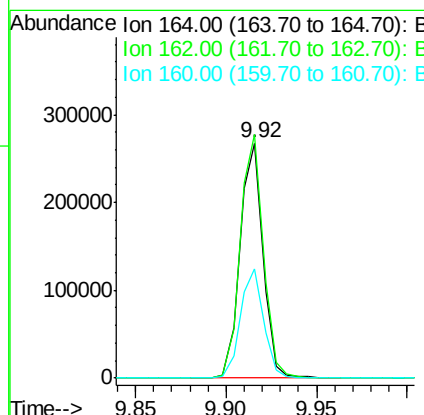
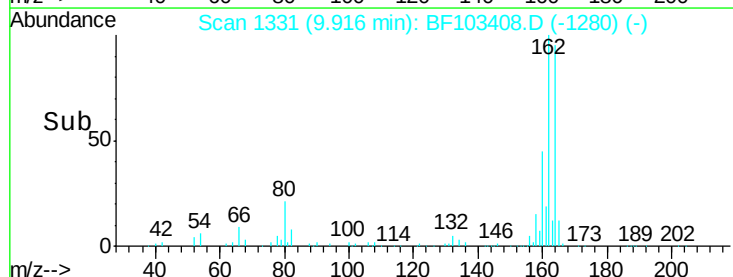
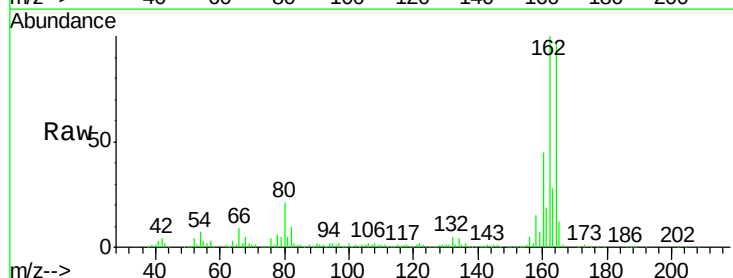
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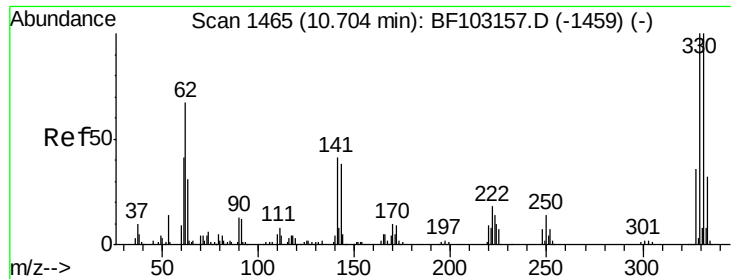
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.00 min
 Lab File: BF103408.D
 Acq: 5 Mar 2018 14:37

Tgt Ion:	164	Resp:	235267
Ion Ratio	Lower	Upper	
164	100		
162	103.6	86.1	129.1
160	46.5	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 41.653 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF103408.D

Acq: 5 Mar 2018 14:37

Instrument :

BNA_F

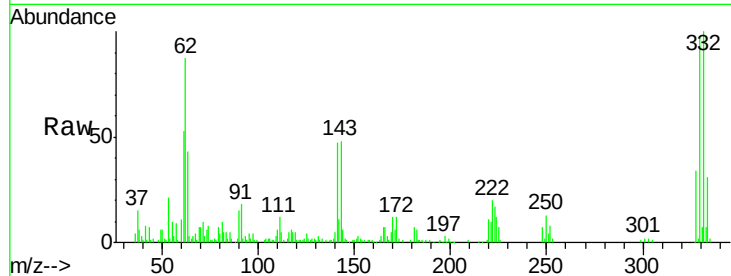
ClientSampleId :

JC-02-030118-E

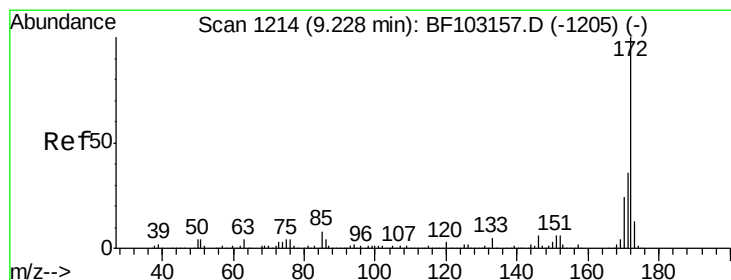
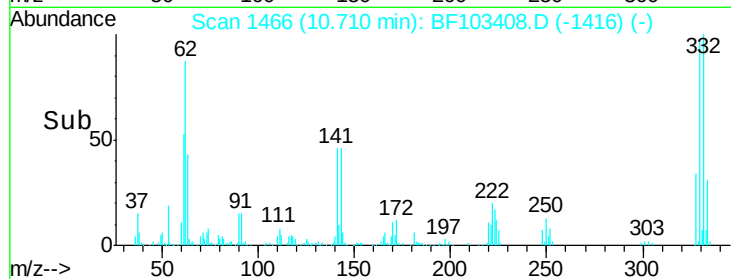
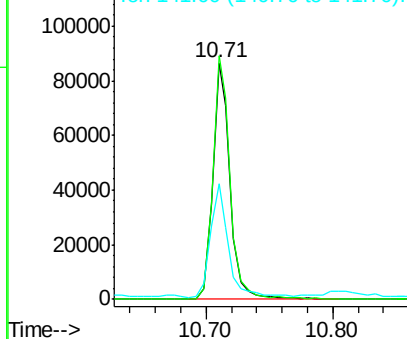
Tot Ion:	330	Resp:	82949
Ion Ratio	Lower	Upper	
330	100		
332	103.1	77.0	115.6
141	49.7	29.9	44.9#

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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: 33.438 ng

RT: 9.23 min Scan# 1214

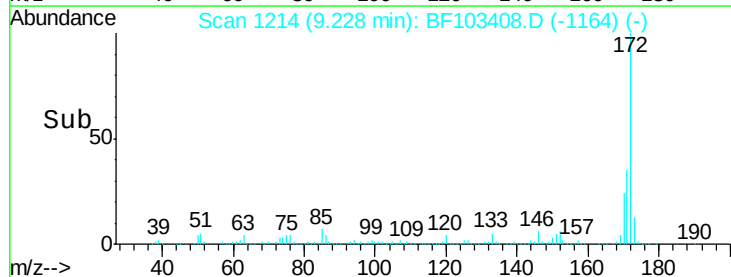
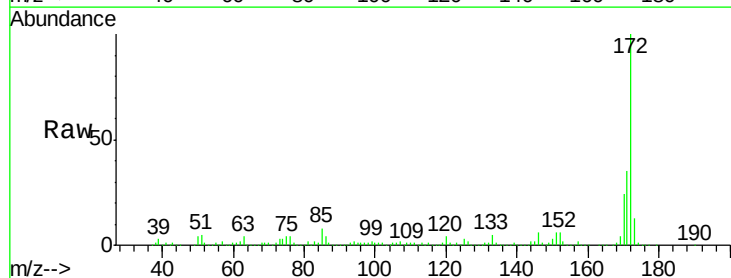
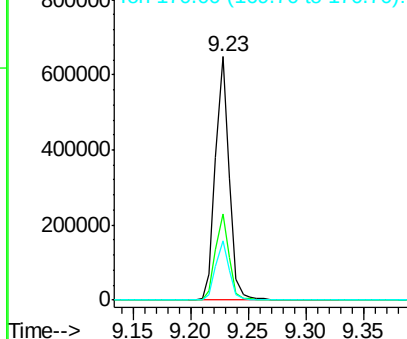
Delta R.T. -0.01 min

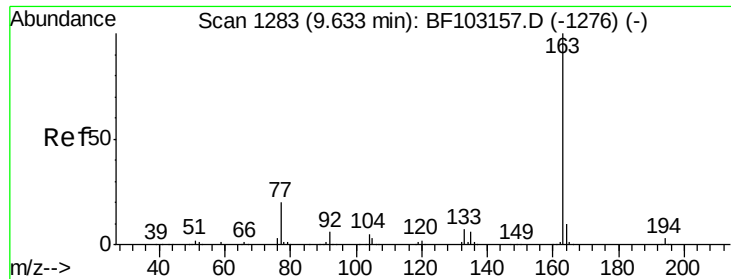
Lab File: BF103408.D

Acq: 5 Mar 2018 14:37

Tgt Ion:	172	Resp:	538421
Ion Ratio	Lower	Upper	
172	100		
171	35.5	29.7	44.5
170	24.3	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





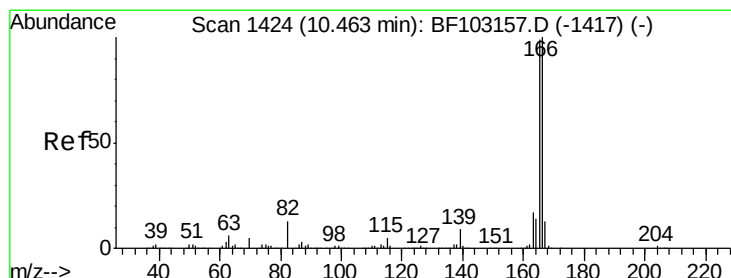
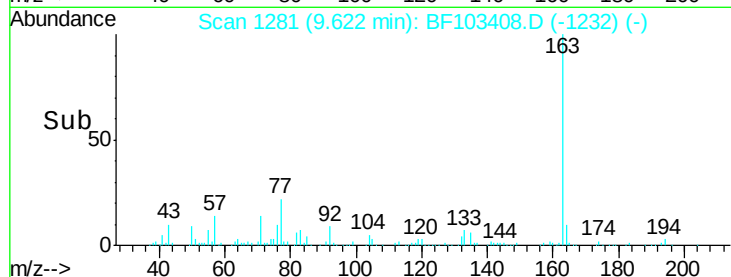
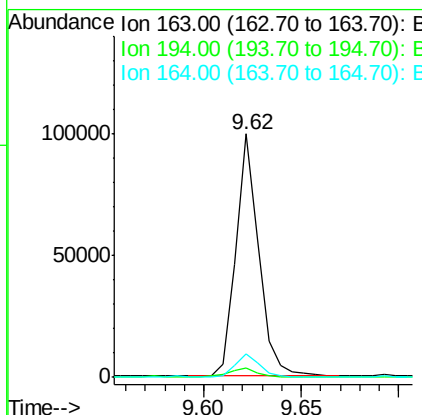
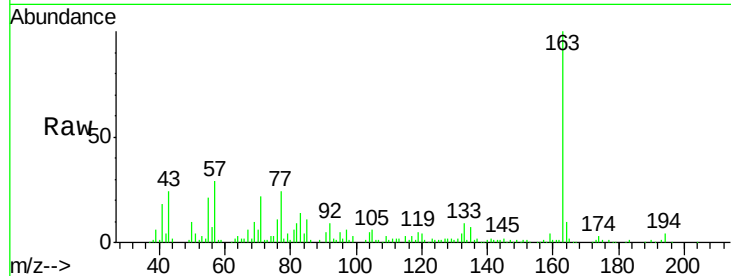
#49
Dimethylphthalate
Concen: 4.231 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103408.D
Acq: 5 Mar 2018 14:37

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

Tot Ion:	163	Resp:	79862
Ion Ratio	Lower	Upper	
163	100		
194	3.8	2.7	4.1
164	9.6	8.2	12.2

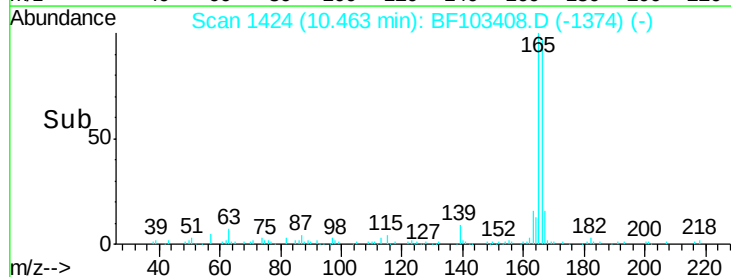
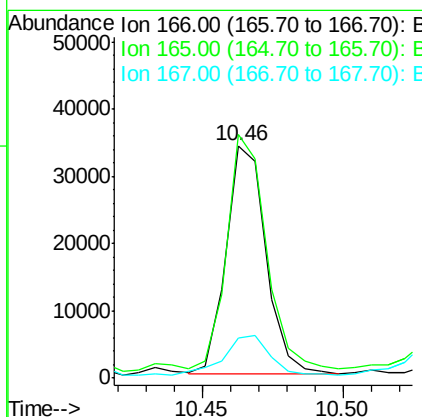
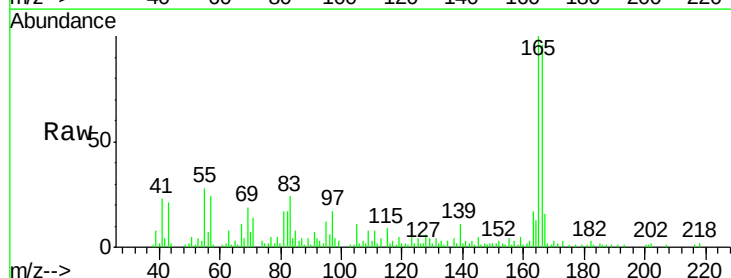
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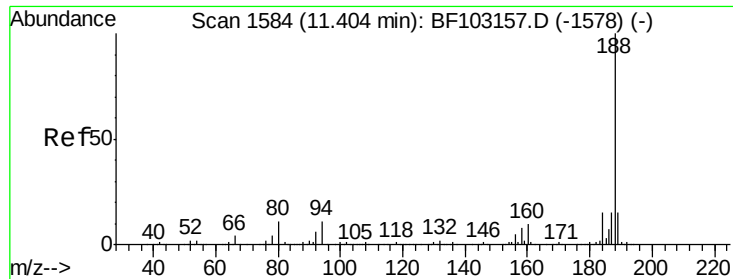
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#57
Fluorene
Concen: 2.037 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF103408.D
Acq: 5 Mar 2018 14:37

Tgt Ion:	166	Resp:	33330
Ion Ratio	Lower	Upper	
166	100		
165	104.6	79.8	119.8
167	17.2	10.6	16.0#





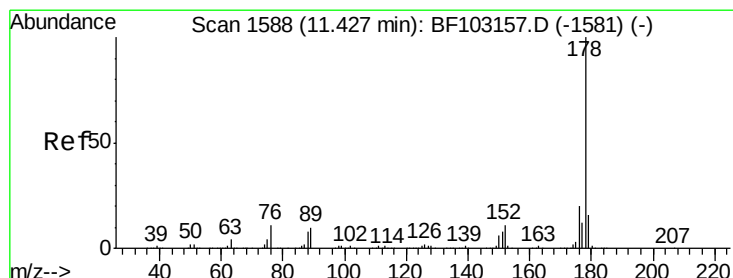
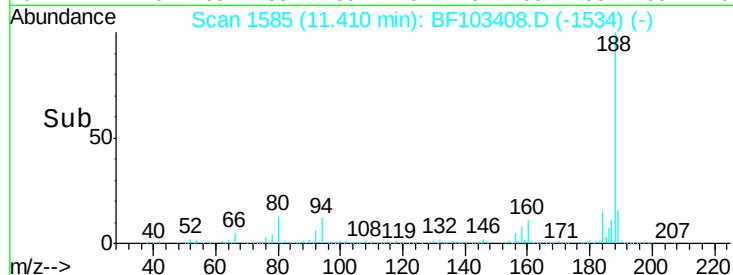
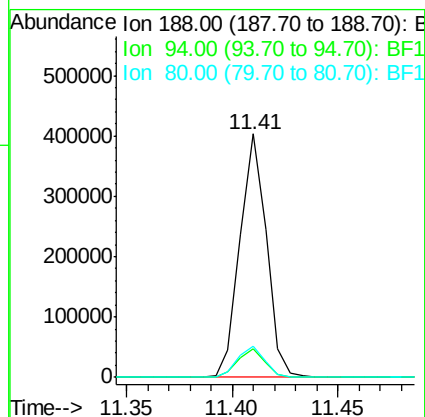
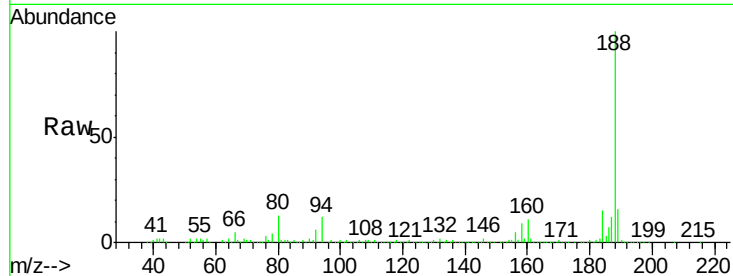
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF103408.D
Acq: 5 Mar 2018 14:37

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

Tot Ion	Ratio	Resp	Lower	Upper
188	100	349468		
94	11.8		8.5	12.7
80	12.8		9.2	13.8

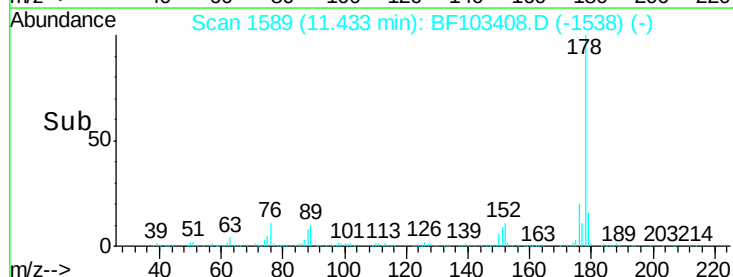
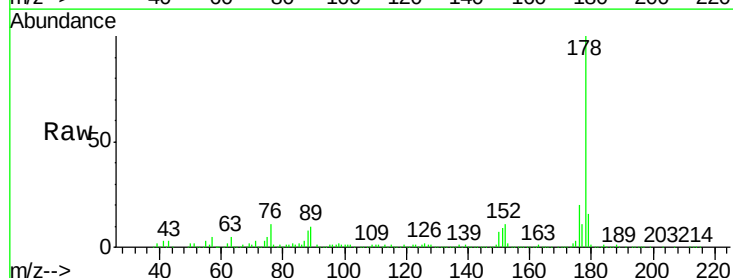
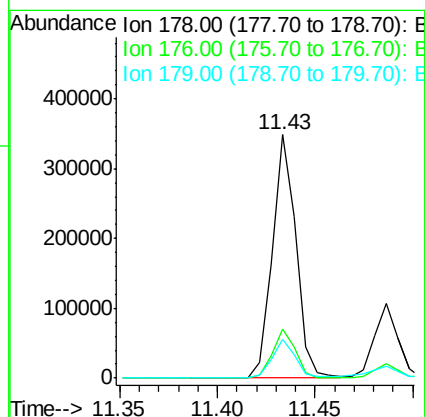
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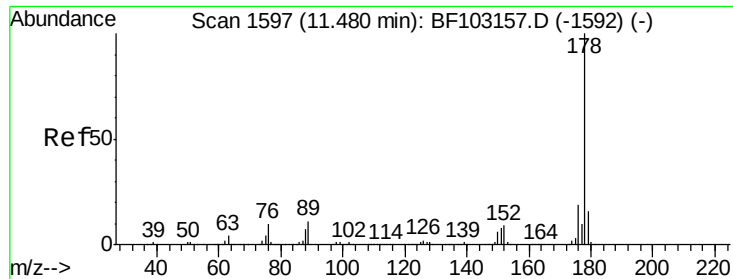
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#70
Phenanthrene
Concen: 15.056 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BF103408.D
Acq: 5 Mar 2018 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	289560		
176	20.0		15.8	23.8
179	15.9		13.0	19.6





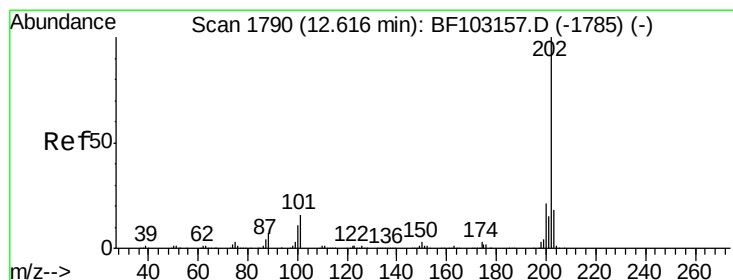
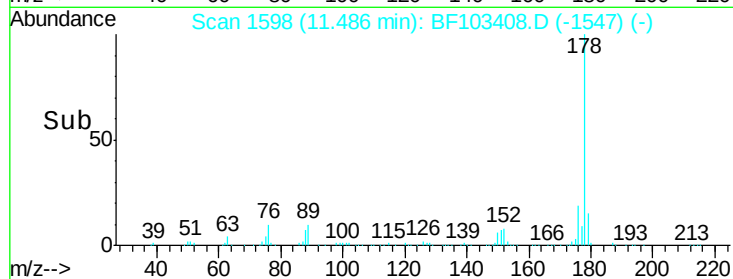
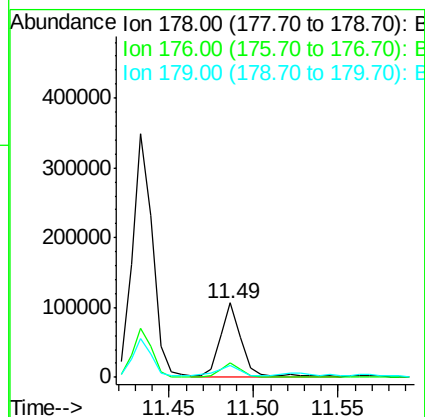
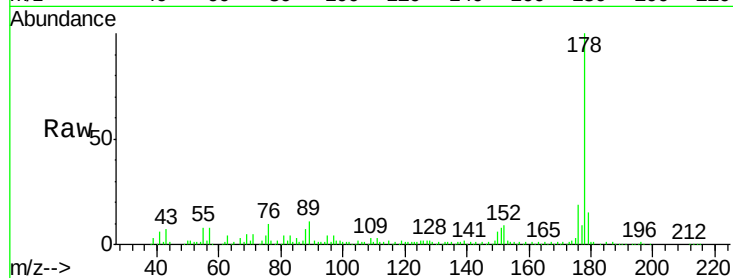
#71
 Anthracene
 Concen: 4.617 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: BF103408.D
 Acq: 5 Mar 2018 14:37

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.2	12.6	19.0

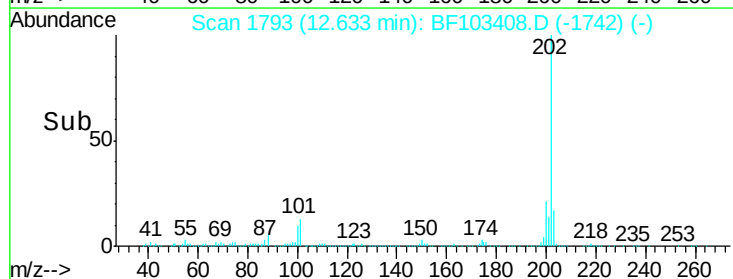
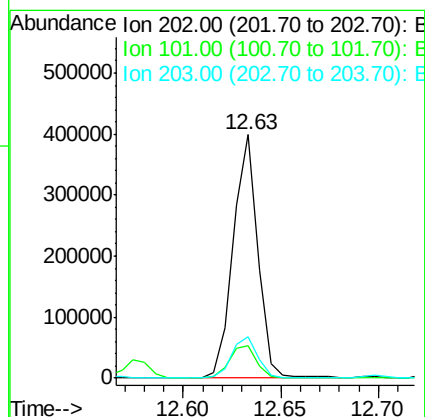
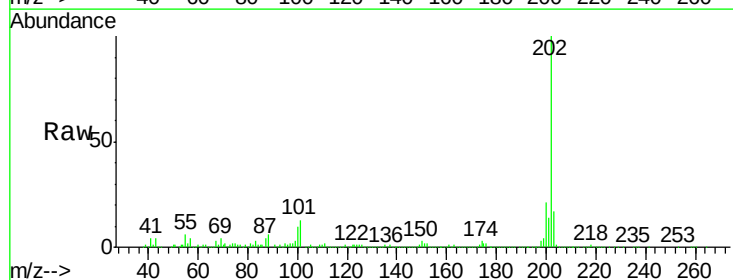
Manual Integrations
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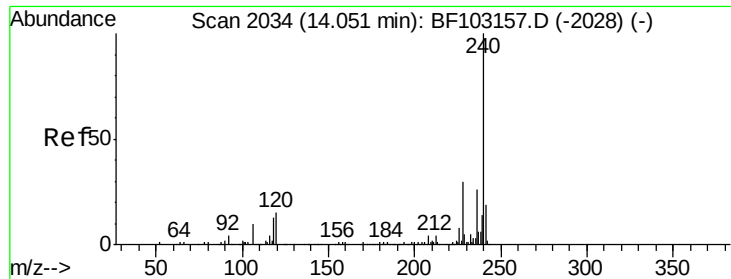
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#74
 Fluoranthene
 Concen: 17.962 ng
 RT: 12.63 min Scan# 1793
 Delta R.T. 0.00 min
 Lab File: BF103408.D
 Acq: 5 Mar 2018 14:37

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	34.1
203	17.2	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.07 min Scan# 2037

Delta R.T. 0.00 min

Lab File: BF103408.D

Acq: 5 Mar 2018 14:37

Instrument :

BNA_F

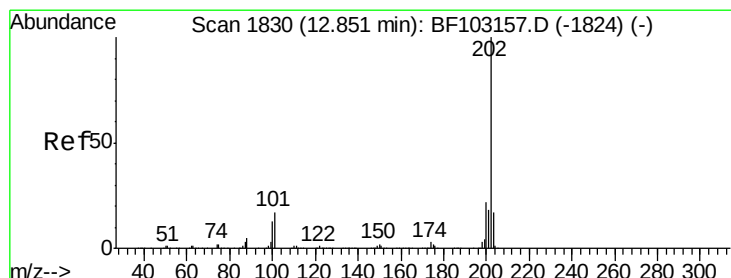
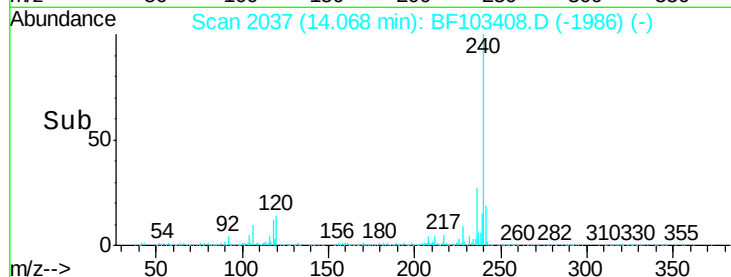
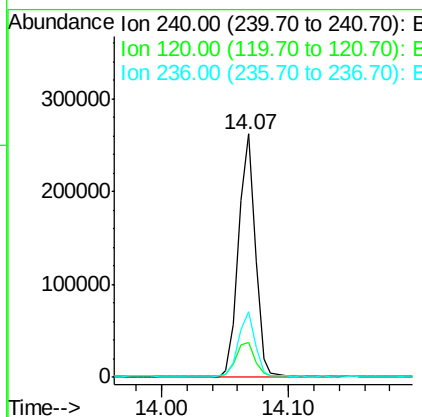
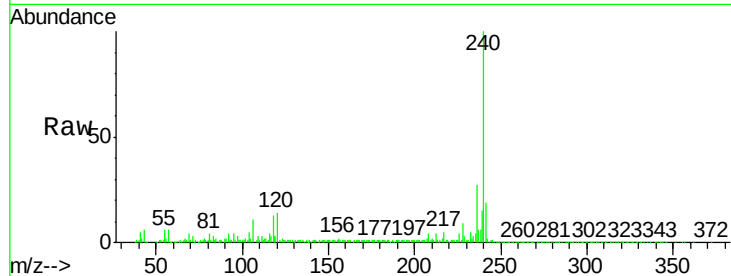
ClientSampleId :

JC-02-030118-E

Tot Ion:	240	Resp:	238765
Ion Ratio	Lower	Upper	
240	100		
120	14.3	9.5	14.3#
236	26.8	20.7	31.1

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#77

Pyrene

Concen: 16.086 ng

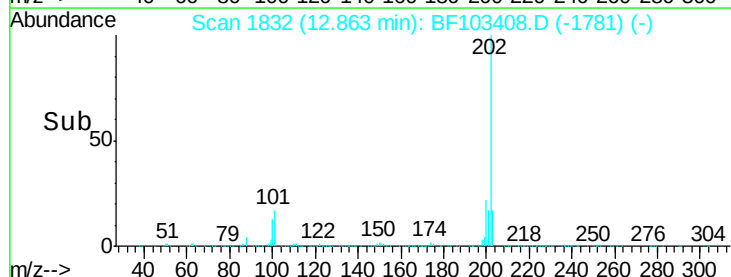
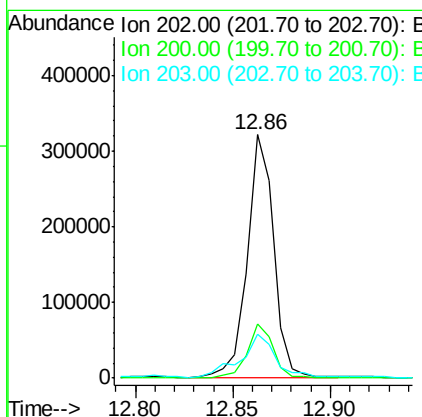
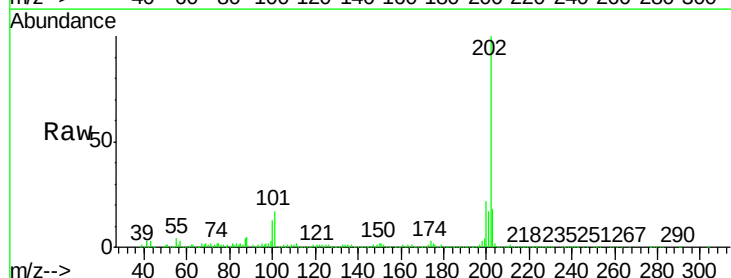
RT: 12.86 min Scan# 1832

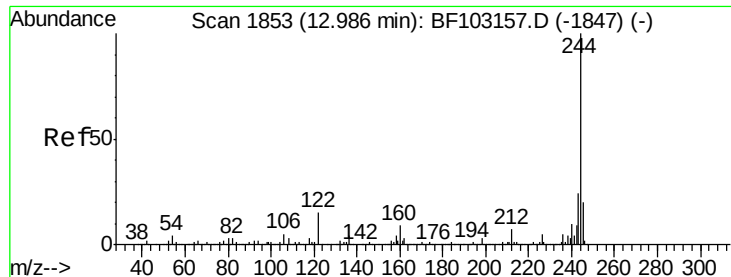
Delta R.T. 0.00 min

Lab File: BF103408.D

Acq: 5 Mar 2018 14:37

Tgt Ion:	202	Resp:	299443
Ion Ratio	Lower	Upper	
202	100		
200	22.4	17.4	26.2
203	18.0	14.3	21.5





#78

Terphenyl-d14

Concen: 34.845 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BF103408.D

Acq: 5 Mar 2018 14:37

Instrument :

BNA_F

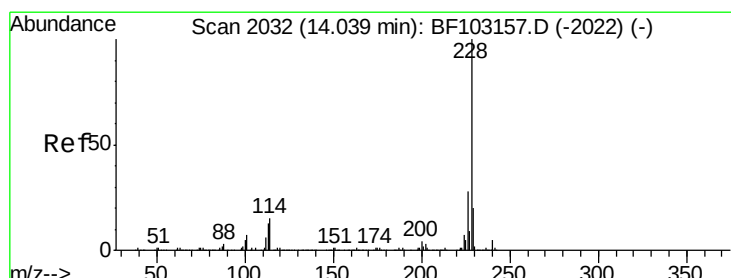
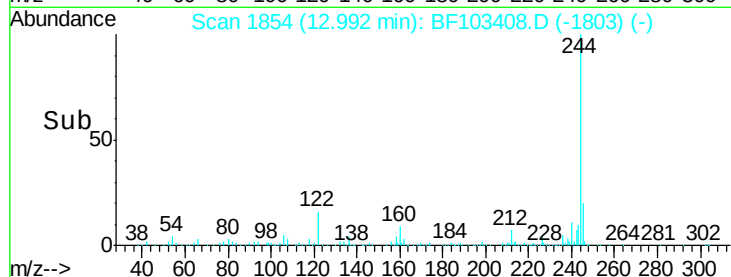
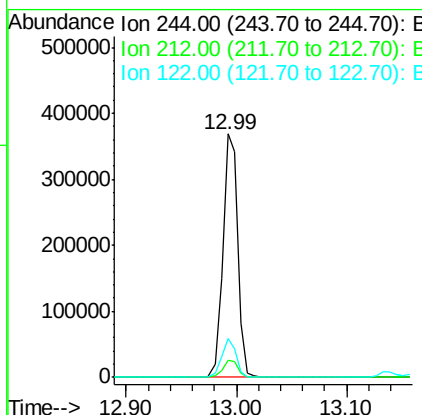
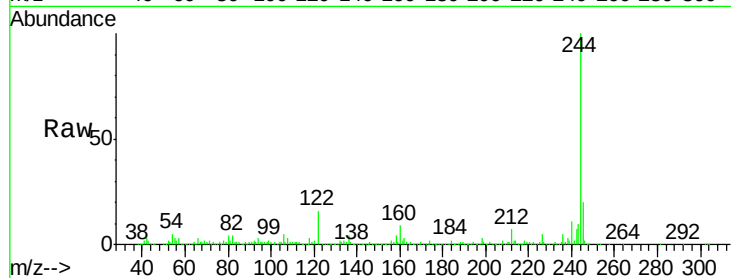
ClientSampleId :

JC-02-030118-E

Tot Ion:	244	Resp:	346095
Ion Ratio	Lower	Upper	
244	100		
212	7.3	5.4	8.0
122	15.8	11.0	16.4

Manual Integrations
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#80

Benzo(a)anthracene

Concen: 9.209 ng

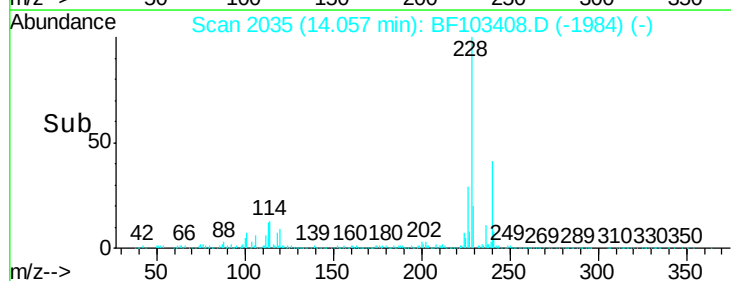
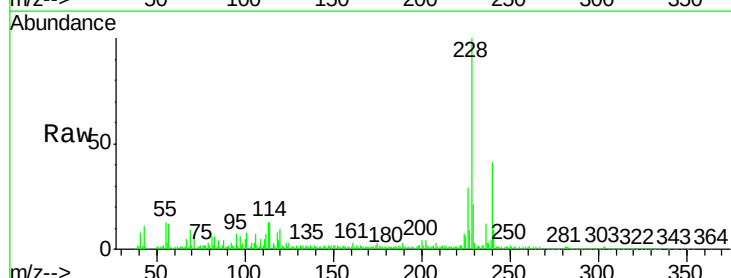
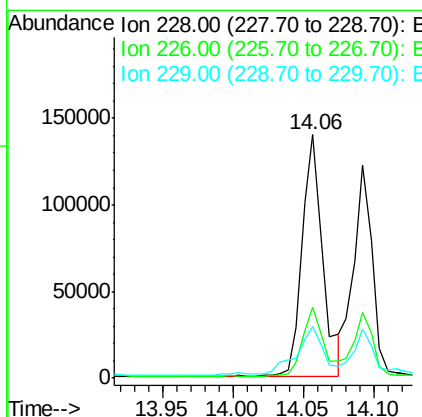
RT: 14.06 min Scan# 2035

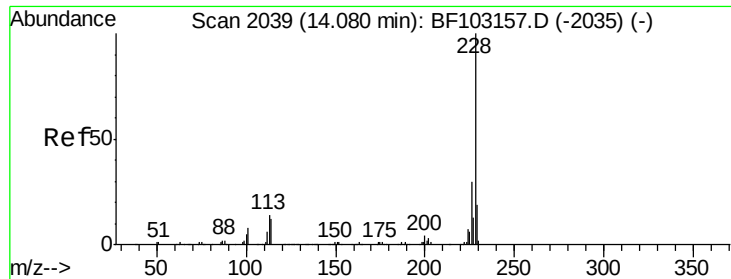
Delta R.T. 0.00 min

Lab File: BF103408.D

Acq: 5 Mar 2018 14:37

Tgt Ion:	228	Resp:	142670
Ion Ratio	Lower	Upper	
228	100		
226	29.3	22.6	33.8
229	21.4	15.8	23.6





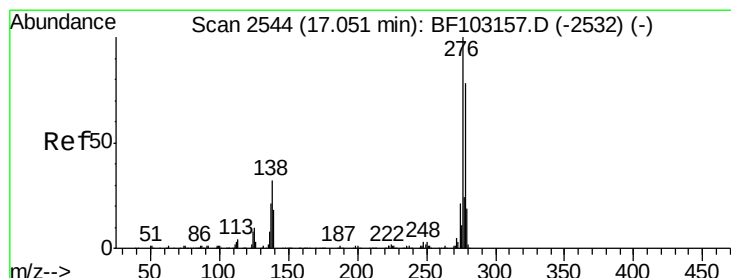
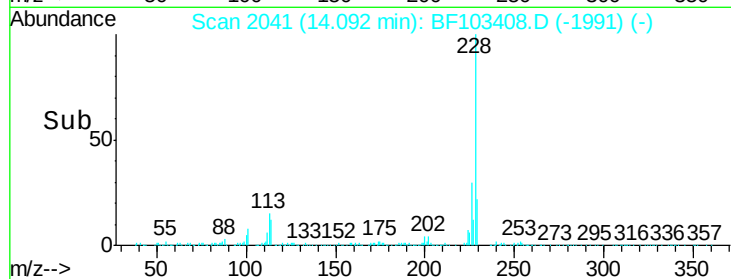
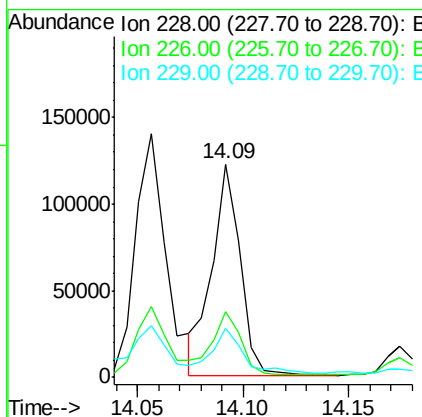
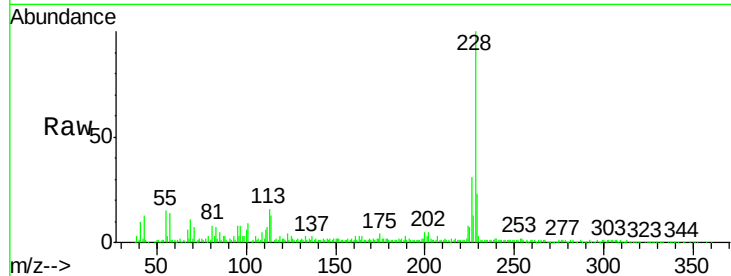
#82
Chrysene
Concen: 7.677 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BF103408.D
Acq: 5 Mar 2018 14:37

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	23.2	16.2	24.4

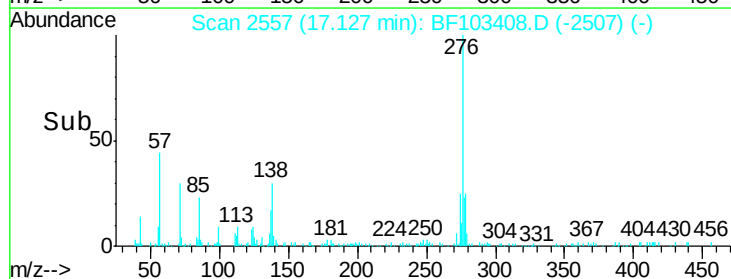
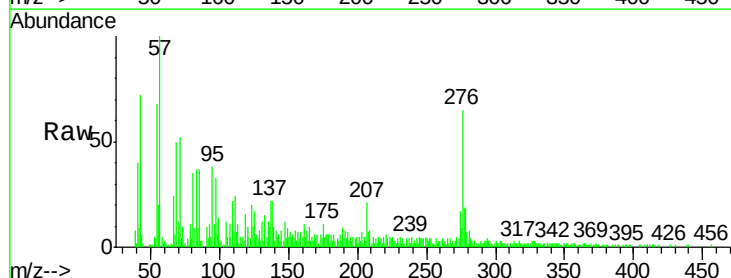
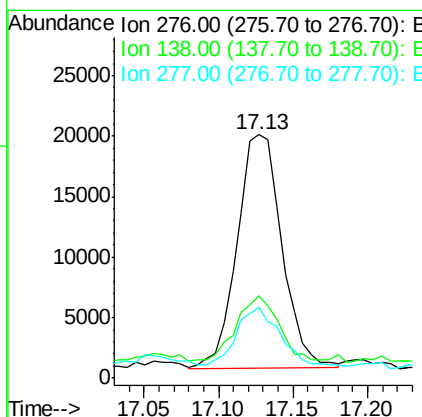
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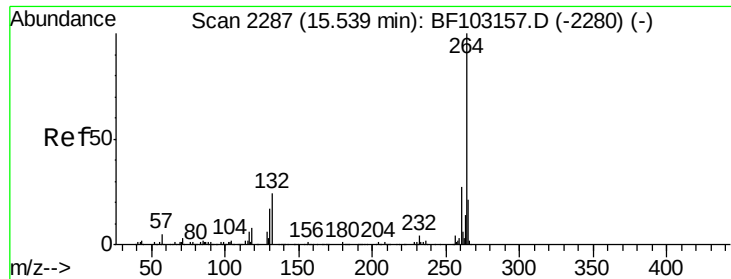
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#85
Indeno(1,2,3-cd)pyrene
Concen: 3.386 ng
RT: 17.13 min Scan# 2557
Delta R.T. -0.01 min
Lab File: BF103408.D
Acq: 5 Mar 2018 14:37

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.1	25.0	37.6
277	24.1	20.1	30.1





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.58 min Scan# 2294

Delta R.T. 0.01 min

Lab File: BF103408.D

Acq: 5 Mar 2018 14:37

Instrument :

BNA_F

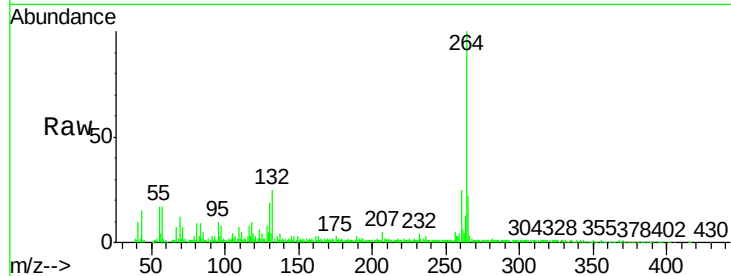
ClientSampleId :

JC-02-030118-E

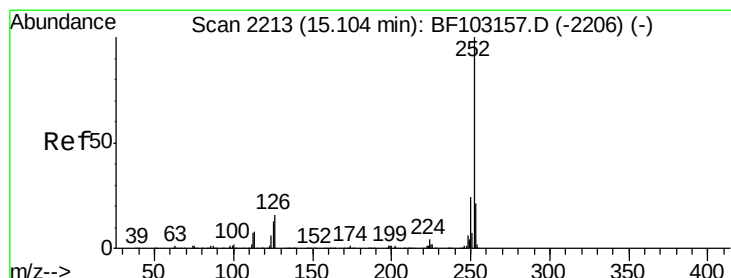
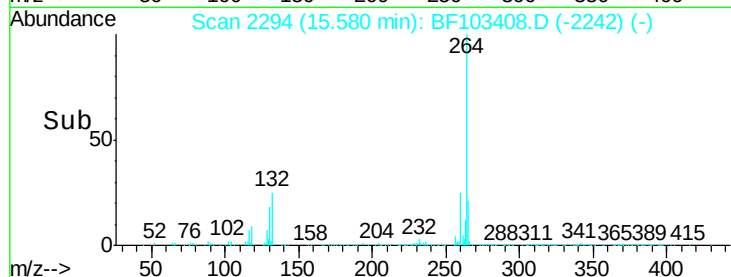
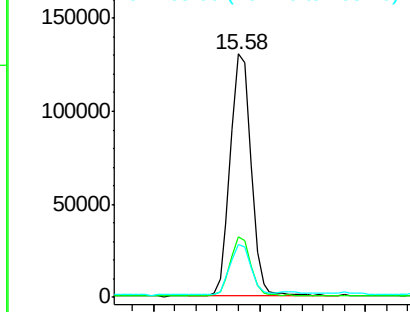
Tot Ion:	264	Resp:	178553
Ion Ratio		Lower	Upper
264	100		
260	25.1	19.2	28.8
265	21.8	17.5	26.3

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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: 9.893 ng m

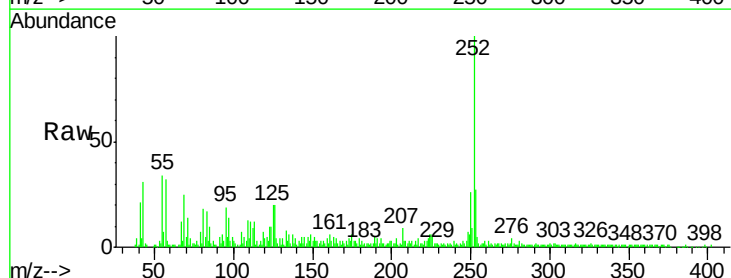
RT: 15.13 min Scan# 2218

Delta R.T. 0.00 min

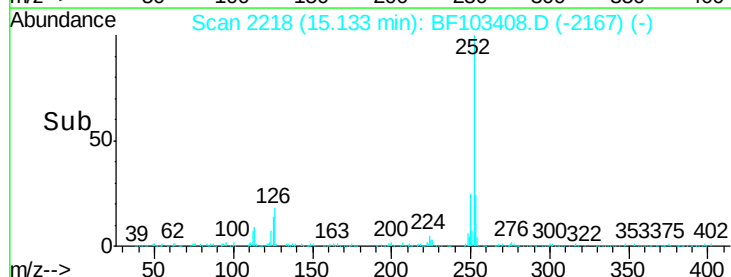
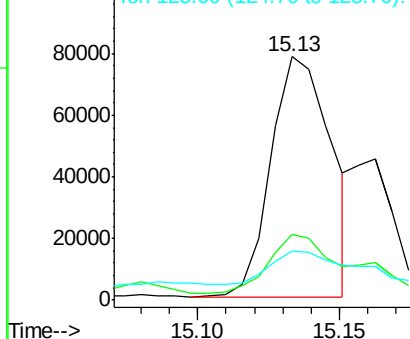
Lab File: BF103408.D

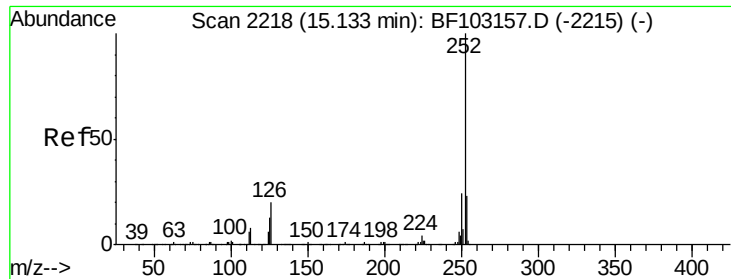
Acq: 5 Mar 2018 14:37

Tgt Ion:	252	Resp:	116138
Ion Ratio		Lower	Upper
252	100		
253	27.0	17.0	25.6#
125	20.4	9.0	13.6#



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





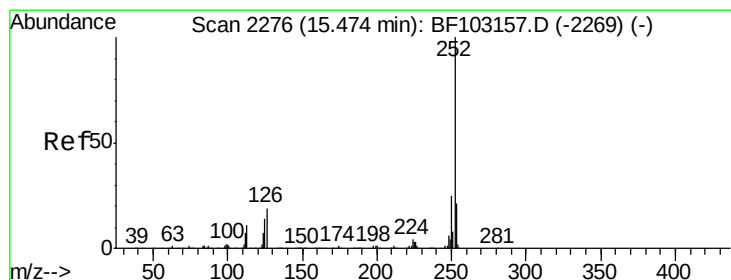
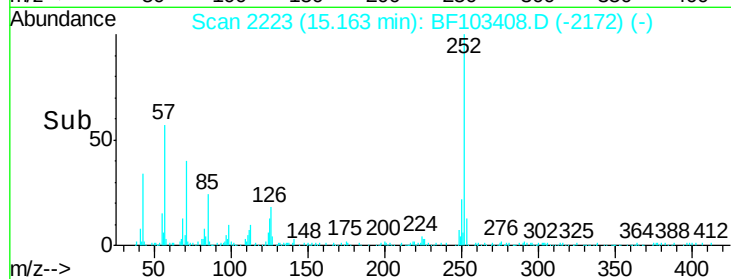
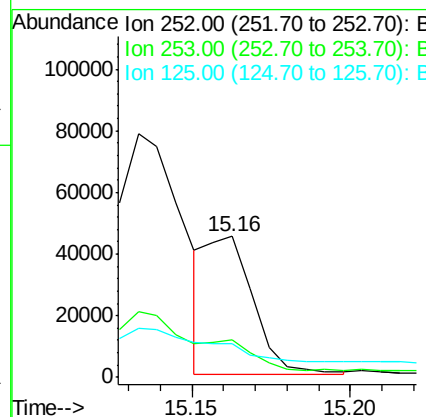
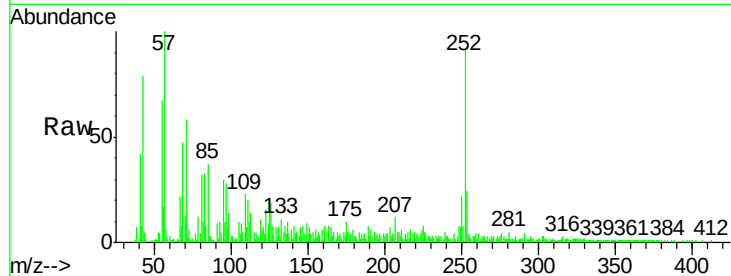
#88
Benzo(k)fluoranthene
Concen: 4.084 ng m
RT: 15.16 min Scan# 2223
Delta R.T. 0.00 min
Lab File: BF103408.D
Acq: 5 Mar 2018 14:37

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.9	26.9
125	23.5	10.2	15.2

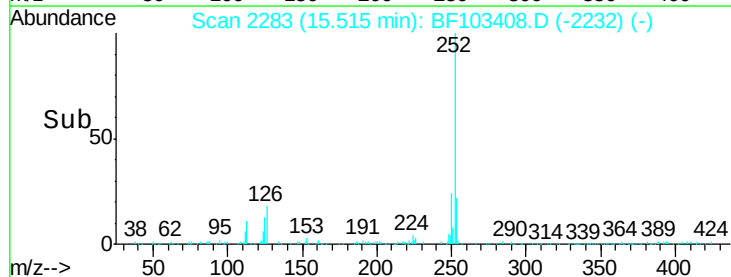
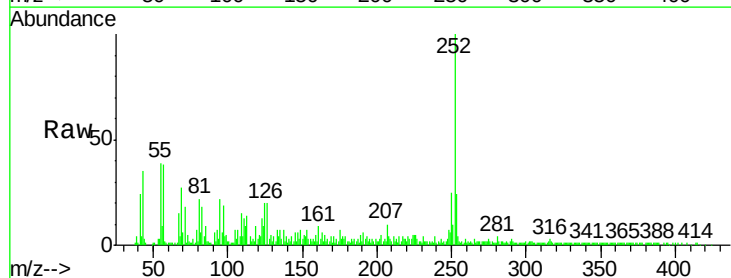
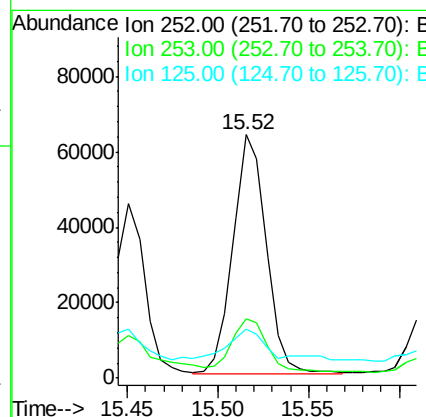
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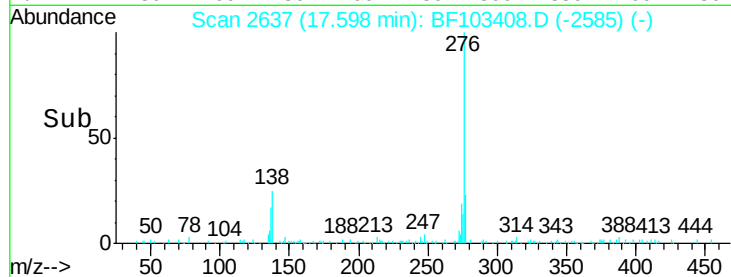
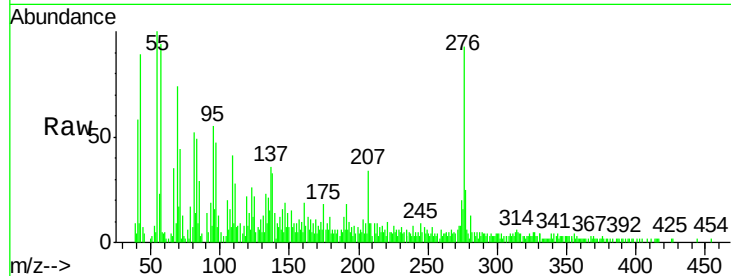
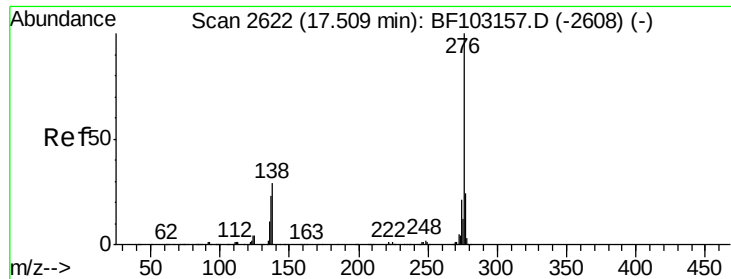
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#89
Benzo(a)pyrene
Concen: 7.812 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BF103408.D
Acq: 5 Mar 2018 14:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.1	25.7
125	20.3	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 4.884 ng
 RT: 17.60 min Scan# 2637
 Delta R.T. 0.01 min
 Lab File: BF103408.D
 Acq: 5 Mar 2018 14:37

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

Tot Ion	Ratio	Lower	Upper
276	100		
277	27.1	17.9	26.9#
138	35.3	21.8	32.8#

Manual Integrations
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