

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030518\
 Data File : BF103416.D
 Acq On : 5 Mar 2018 18:44
 Operator : SJ/JU
 Sample : J1751-15 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

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

Manual Integrations
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 3/6/2018 4:23:08 PM

Quant Time: Mar 06 00:19:53 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	150312	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	622178	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	270633	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	425759	20.00	ng	0.00
75) Chrysene-d12	14.07	240	244412	20.00	ng	0.00
86) Perylene-d12	15.58	264	239323	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	478410	48.14	ng	0.00
7) Phenol-d6	6.51	99	591102	48.61	ng	-0.01
23) Nitrobenzene-d5	7.43	82	363060	33.32	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	78952	34.47	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	524705	27.53	ng	0.00
78) Terphenyl-d14	13.00	244	358315	35.24	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.62	163	73126	3.368	ng	99
51) Acenaphthene	9.95	154	41325	2.567	ng	93
57) Fluorene	10.46	166	84569	4.493	ng	97
70) Phenanthrene	11.43	178	571327	24.384	ng	99
71) Anthracene	11.49	178	220594	9.181	ng	100
74) Fluoranthene	12.63	202	724279	30.761	ng	98
77) Pyrene	12.87	202	977659	51.305	ng	99
80) Benzo(a)anthracene	14.06	228	430099	27.121	ng	98
82) Chrysene	14.10	228	415526	26.986	ng	98
85) Indeno(1,2,3-cd)pyrene	17.13	276	139845	11.472	ng	96
87) Benzo(b)fluoranthene	15.14	252	398887m	25.350	ng	
88) Benzo(k)fluoranthene	15.16	252	95893m	6.472	ng	
89) Benzo(a)pyrene	15.52	252	338246	24.072	ng	96
90) Dibenzo(a,h)anthracene	17.13	278	46986	4.327	ng	# 80
91) Benzo(a,h,i)perylene	17.60	276	143002	13.476	ng	96

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

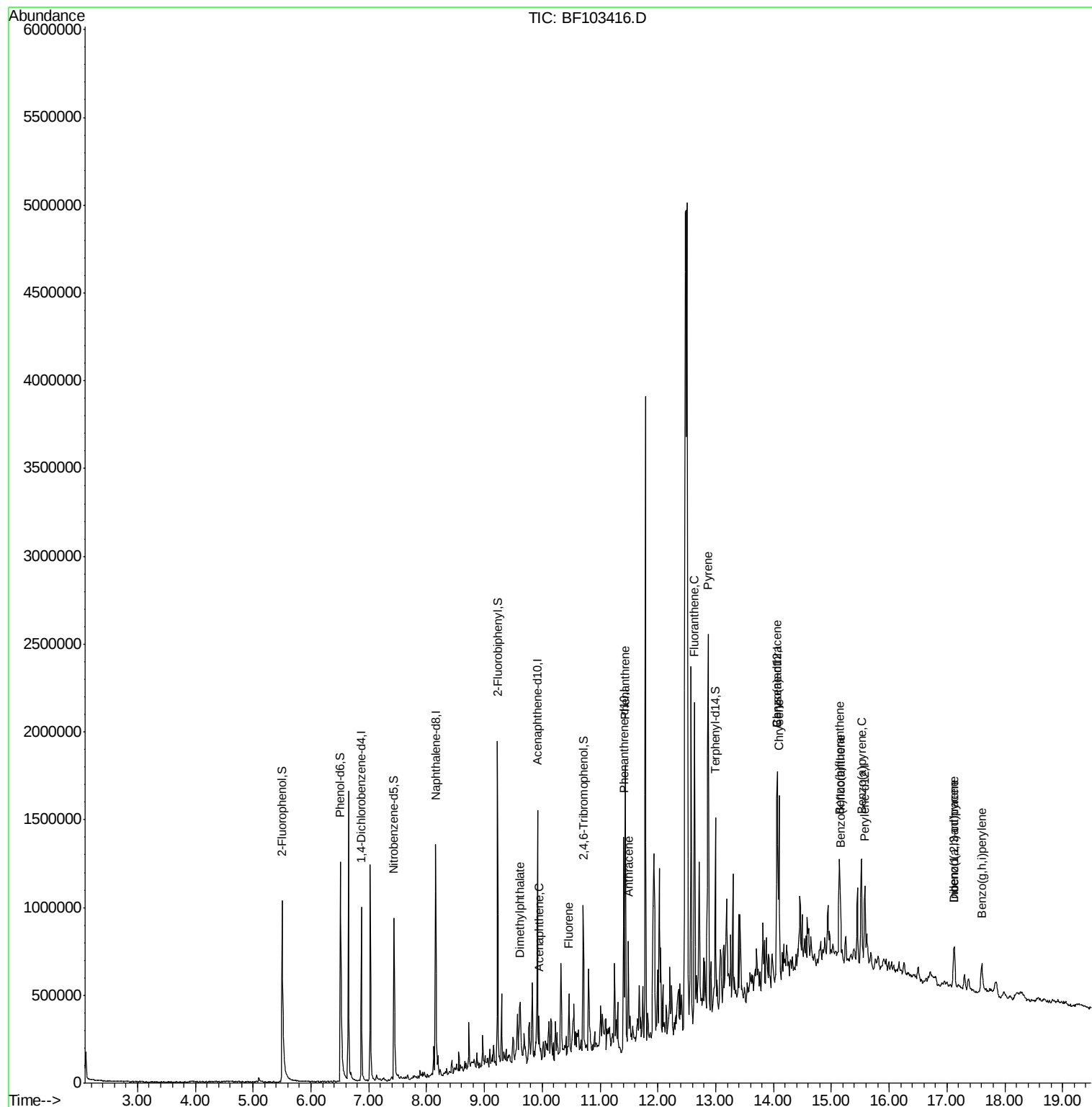
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103416.D
Acq On : 5 Mar 2018 18:44
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
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#1

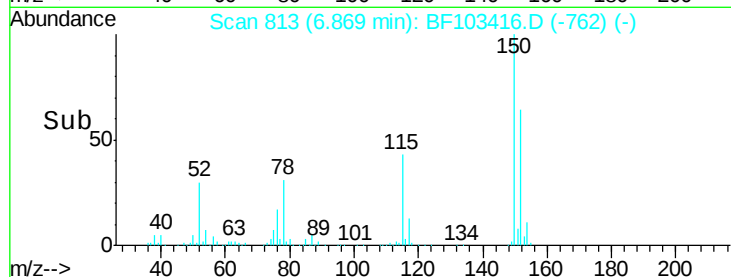
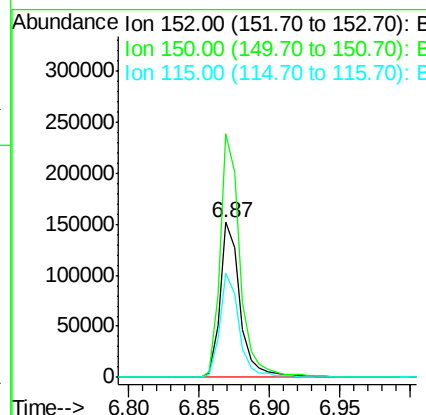
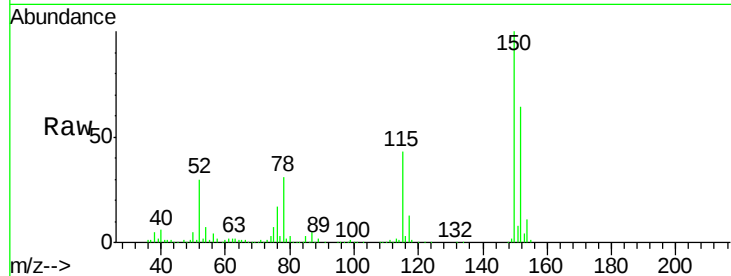
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF103416.D
Acq: 5 Mar 2018 18:44

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.6	186.8
115	66.8	50.1	75.1

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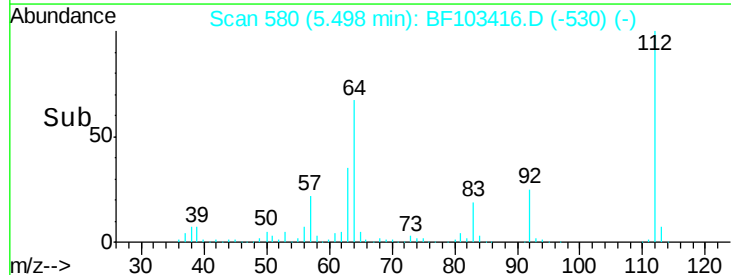
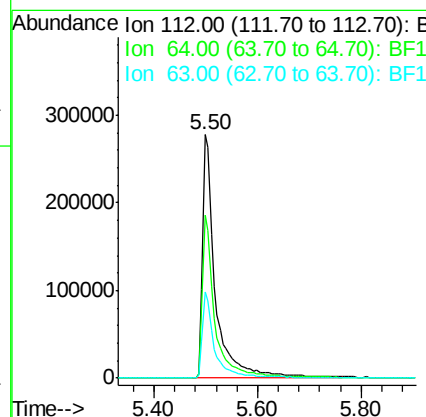
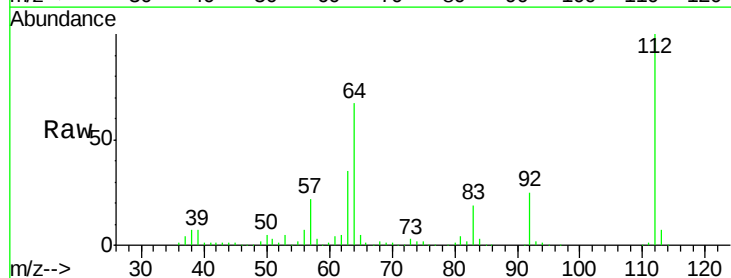
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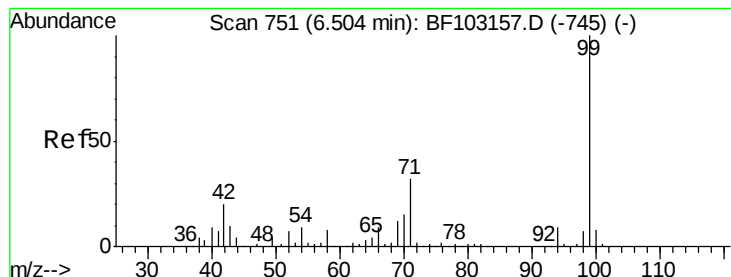


#5

2-Fluorophenol
Concen: 48.137 ng
RT: 5.50 min Scan# 580
Delta R.T. -0.01 min
Lab File: BF103416.D
Acq: 5 Mar 2018 18:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.1	47.9	71.9
63	35.2	23.7	35.5





#7

Phenol-d6

Concen: 48.606 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF103416.D

Acq: 5 Mar 2018 18:44

Instrument :

BNA_F

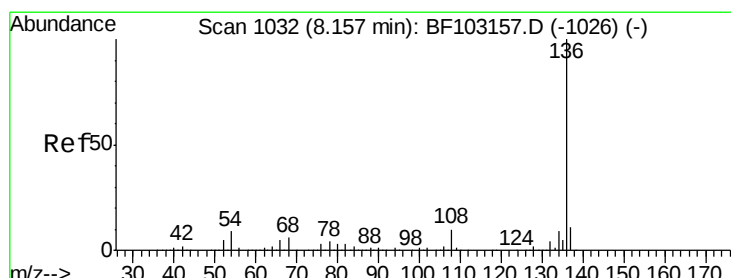
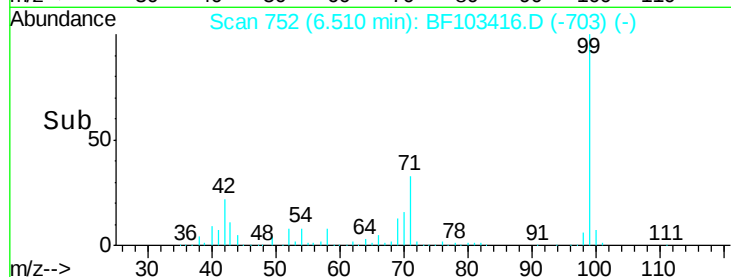
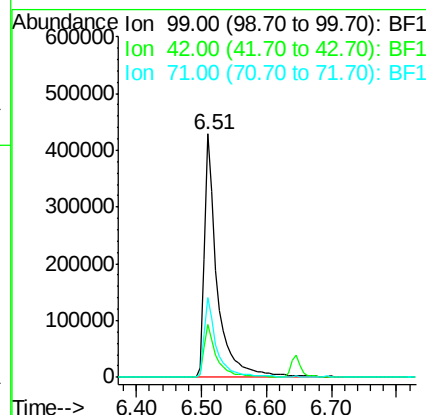
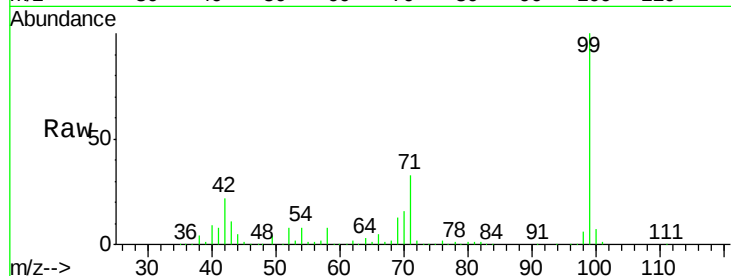
ClientSampleId :

JC-02-030118-H

Tot Ion:	99	Resp:	591102
Ion Ratio	Lower	Upper	
99	100		
42	21.9	14.5	21.7#
71	32.7	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

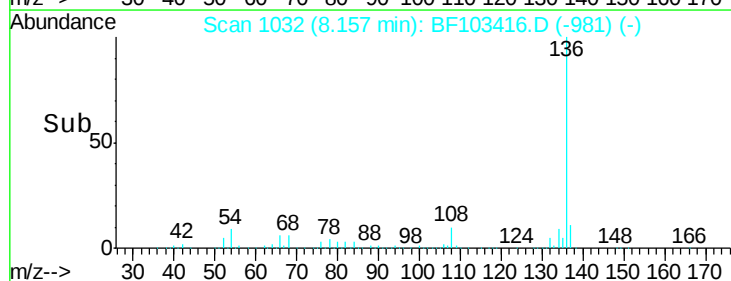
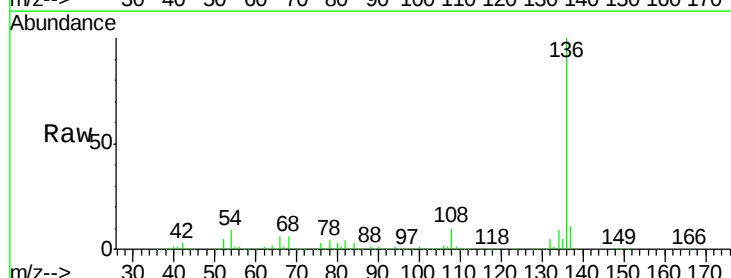
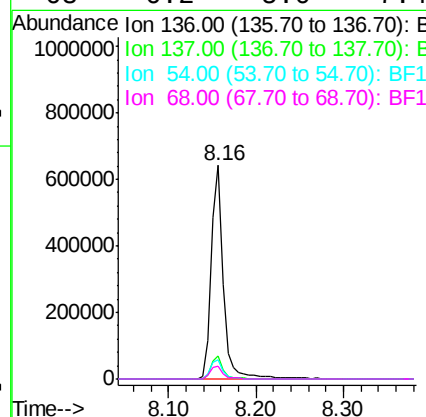
RT: 8.16 min Scan# 1032

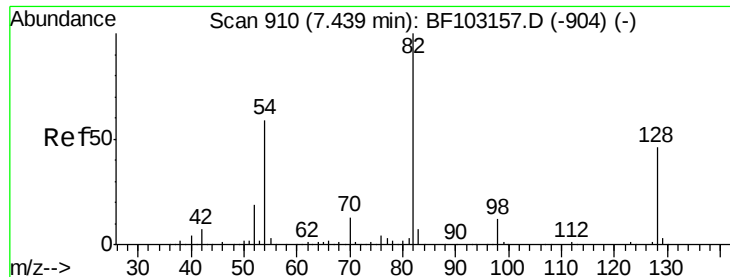
Delta R.T. 0.00 min

Lab File: BF103416.D

Acq: 5 Mar 2018 18:44

Tgt Ion:	136	Resp:	622178
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.9	13.3
54	9.0	6.6	9.8
68	6.2	5.0	7.4





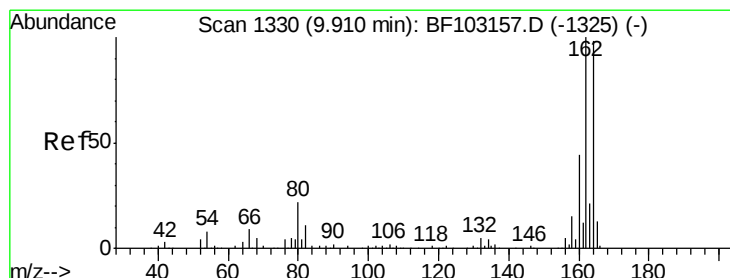
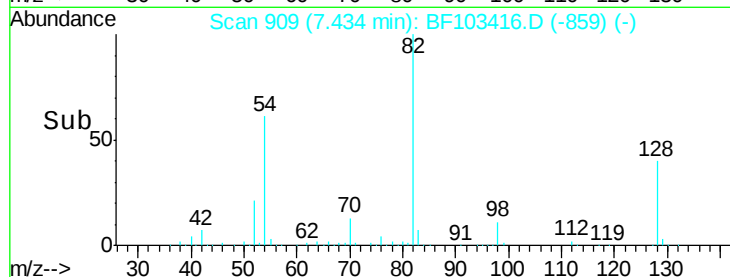
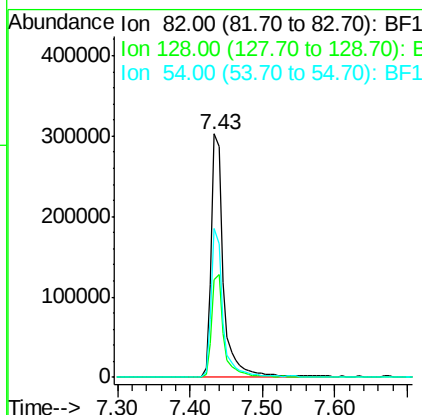
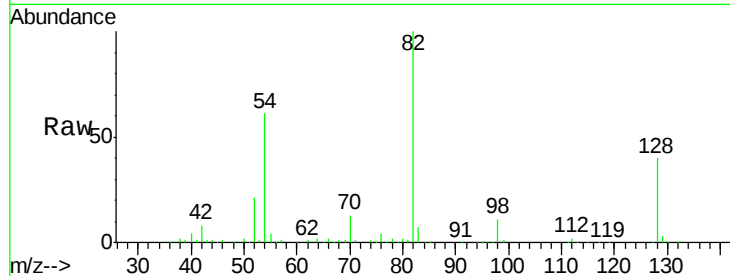
#23
Nitrobenzene-d5
Concen: 33.325 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF103416.D
Acq: 5 Mar 2018 18:44

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.0	36.1	54.1
54	61.3	41.4	62.2

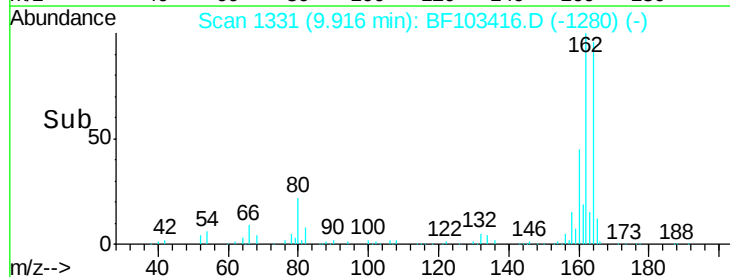
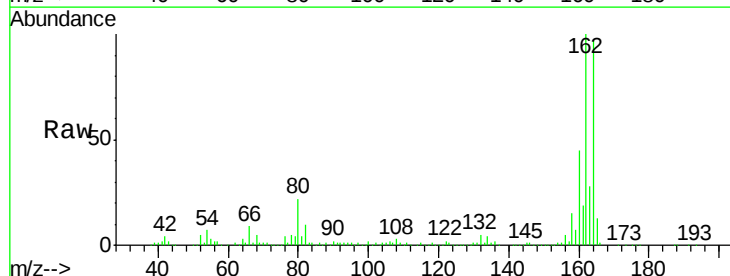
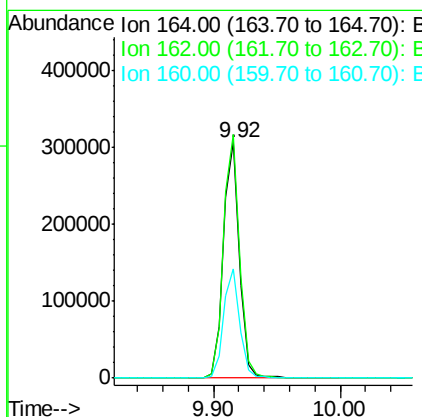
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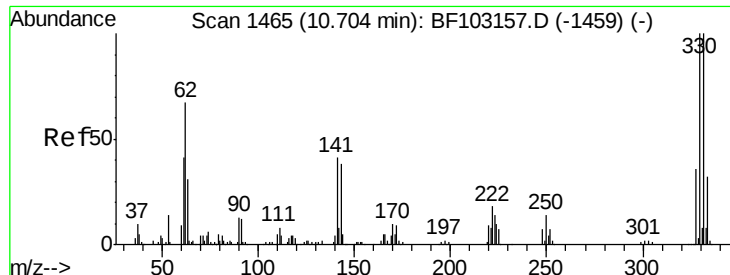
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF103416.D
Acq: 5 Mar 2018 18:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	86.1	129.1
160	46.4	38.3	57.5





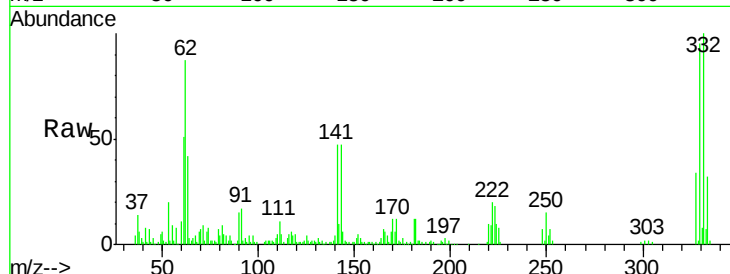
#41
 2,4,6-Tribromophenol
 Concen: 34.465 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF103416.D
 Acq: 5 Mar 2018 18:44

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	104.4	77.0	115.6
141	50.4	29.9	44.9

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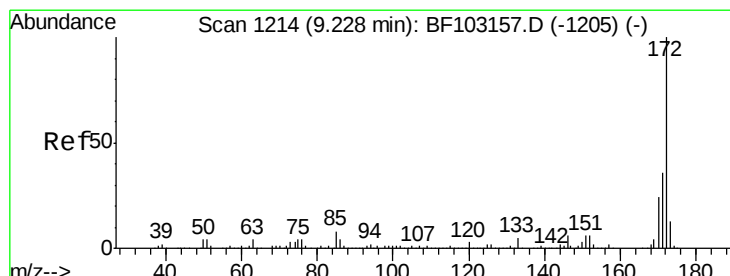
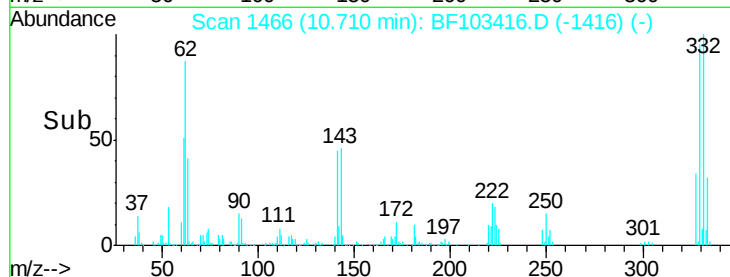
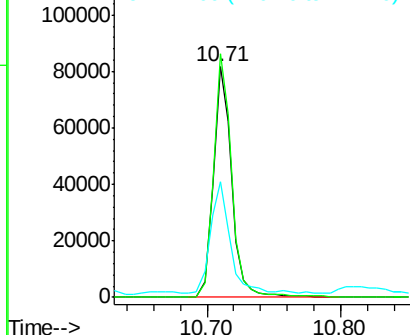


Abundance

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: 27.526 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF103416.D
 Acq: 5 Mar 2018 18:44

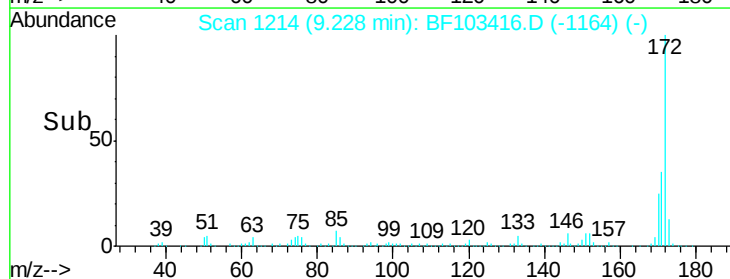
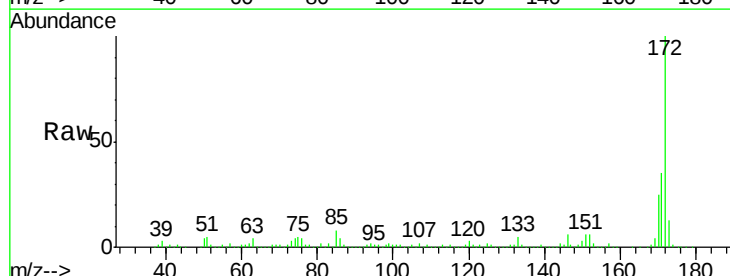
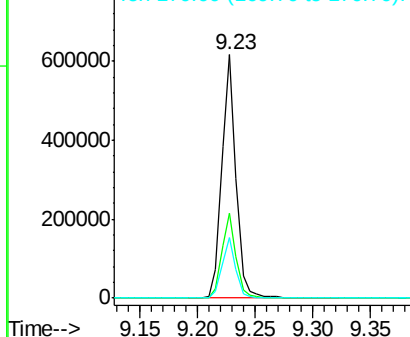
Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.7	44.5
170	24.7	19.6	29.4

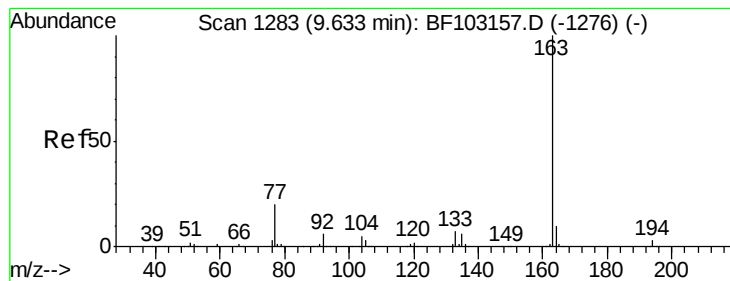
Abundance

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





#49

Dimethylphthalate

Concen: 3.368 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF103416.D

Acq: 5 Mar 2018 18:44

Instrument :

BNA_F

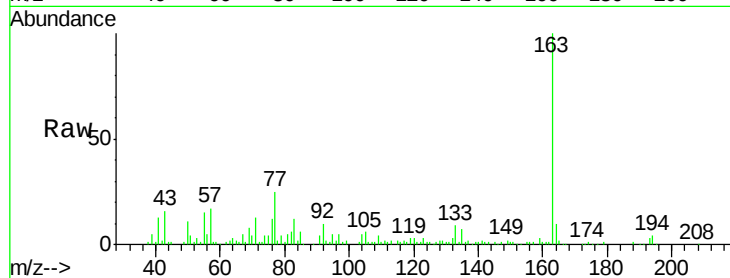
ClientSampleId :

JC-02-030118-H

Tot Ion:	163	Resp:	73126
Ion Ratio	Lower	Upper	
163	100		
194	3.9	2.7	4.1
164	10.5	8.2	12.2

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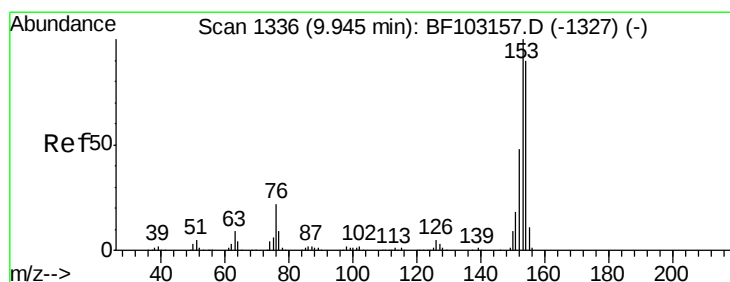
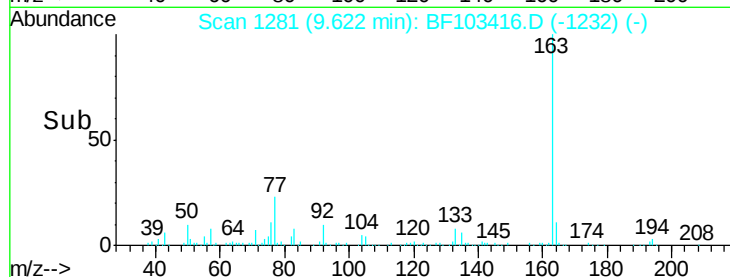
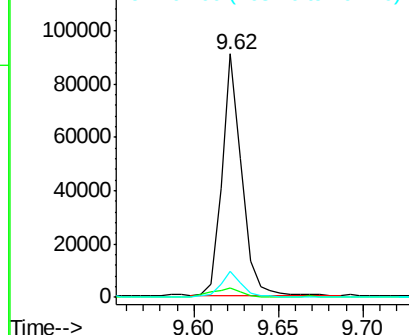


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

Acenaphthene

Concen: 2.567 ng

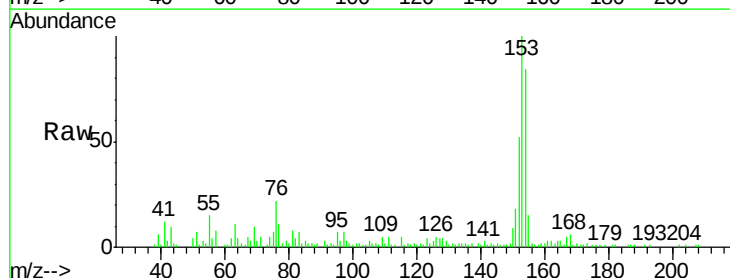
RT: 9.95 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BF103416.D

Acq: 5 Mar 2018 18:44

Tgt Ion:	154	Resp:	41325
Ion Ratio	Lower	Upper	
154	100		
153	119.6	91.2	136.8
152	61.7	43.8	65.8

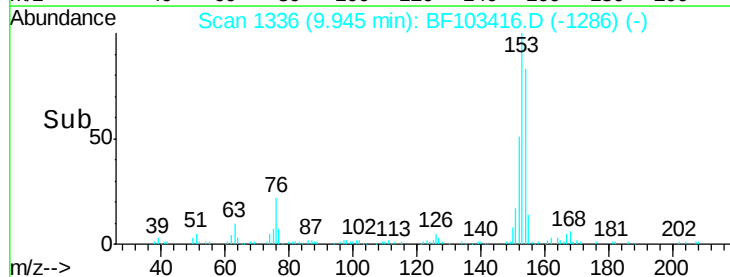
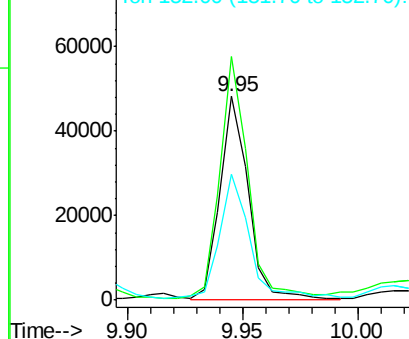


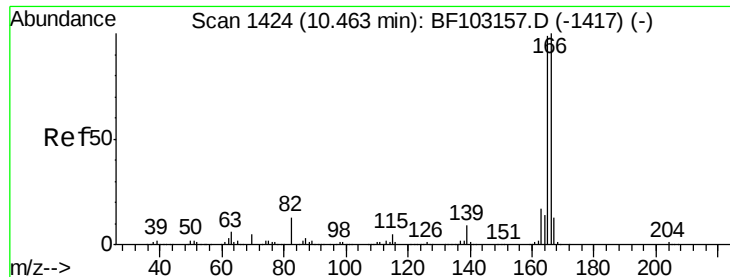
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





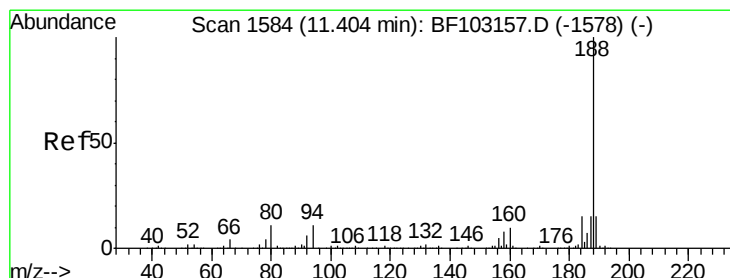
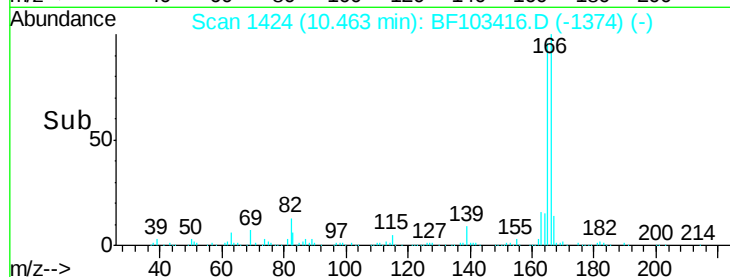
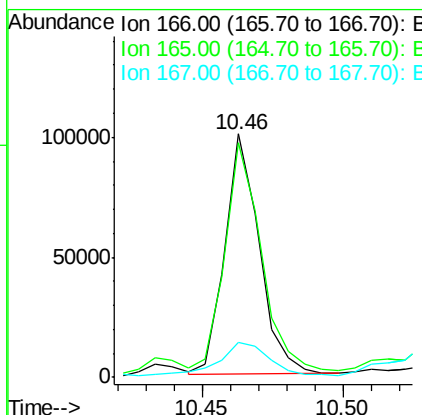
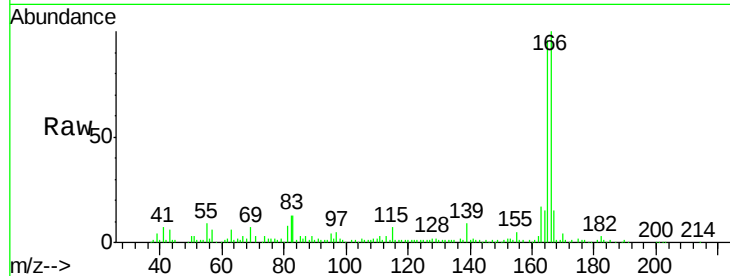
#57
Fluorene
 Concen: 4.493 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF103416.D
 Acq: 5 Mar 2018 18:44

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

Tot Ion	Ratio	Lower	Upper
166	100		
165	96.5	79.8	119.8
167	14.6	10.6	16.0

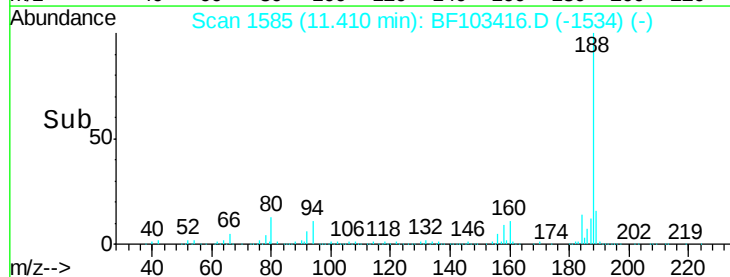
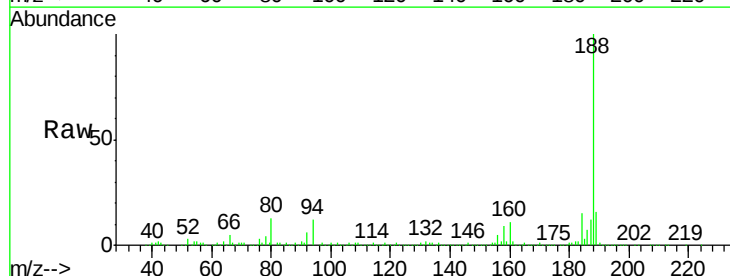
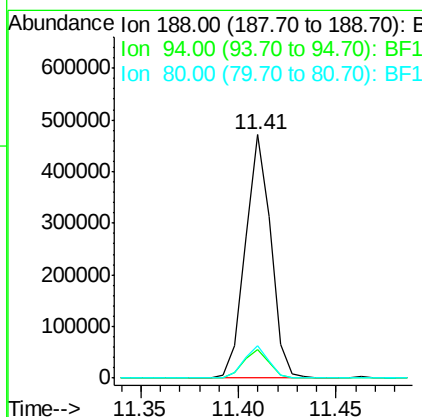
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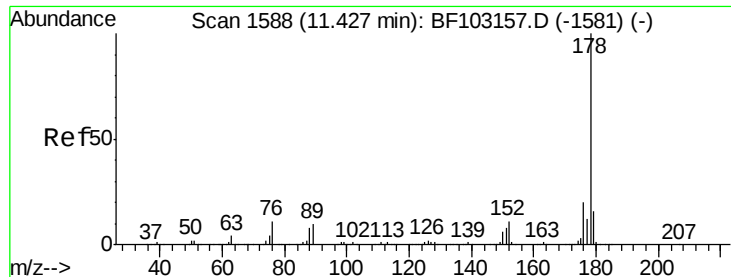
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#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: BF103416.D
 Acq: 5 Mar 2018 18:44

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.5	8.5	12.7
80	13.1	9.2	13.8





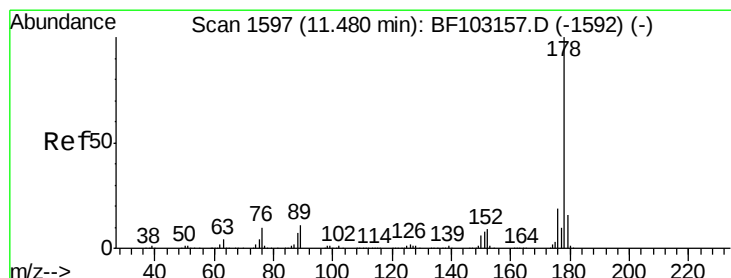
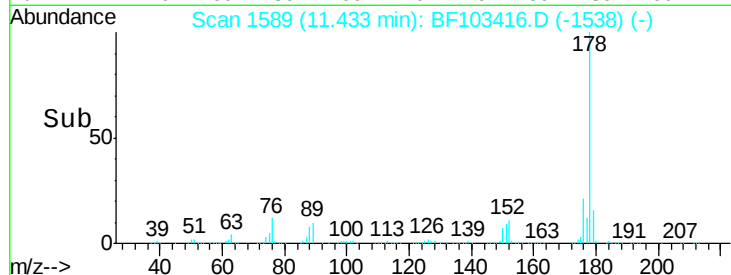
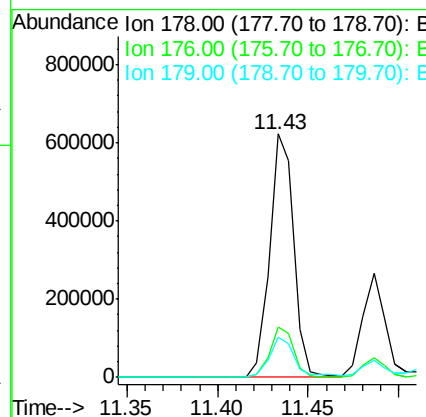
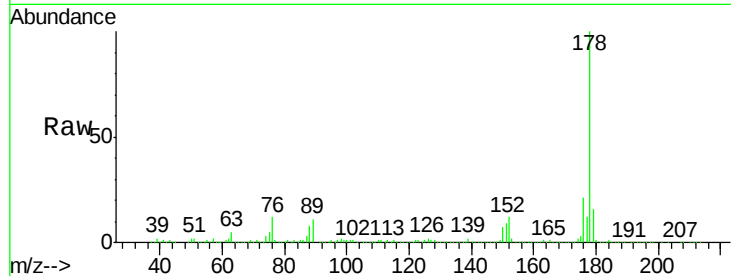
#70
Phenanthrene
Concen: 24.384 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BF103416.D
Acq: 5 Mar 2018 18:44

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.8	23.8
179	16.3	13.0	19.6

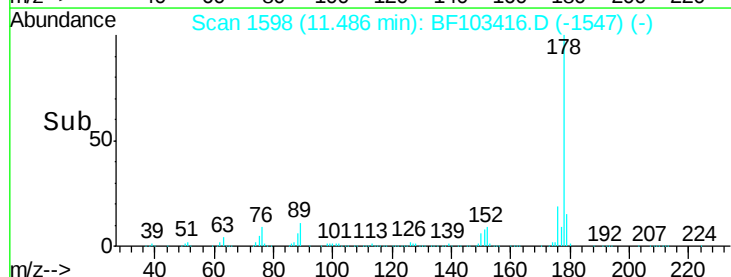
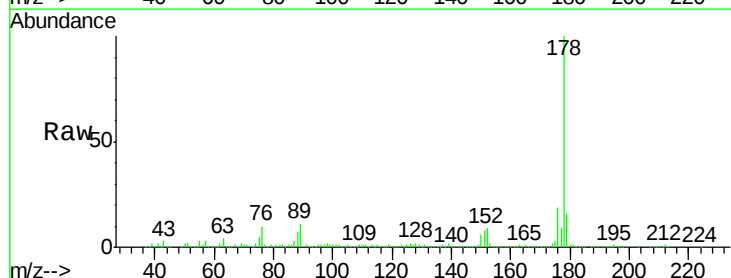
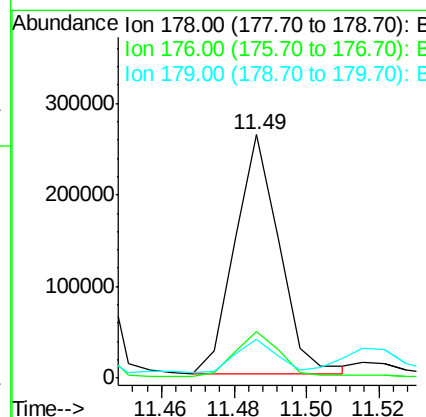
Manual Integrations
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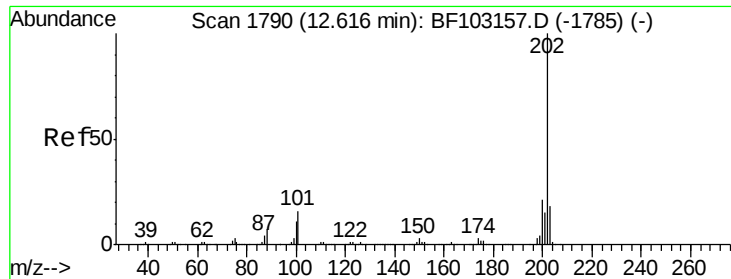
Sohil
3/6/2018 4:23:08 PM



#71
Anthracene
Concen: 9.181 ng
RT: 11.49 min Scan# 1598
Delta R.T. 0.00 min
Lab File: BF103416.D
Acq: 5 Mar 2018 18:44

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.9	12.6	19.0





#74

Fluoranthene

Concen: 30.761 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BF103416.D

Acq: 5 Mar 2018 18:44

Instrument :

BNA_F

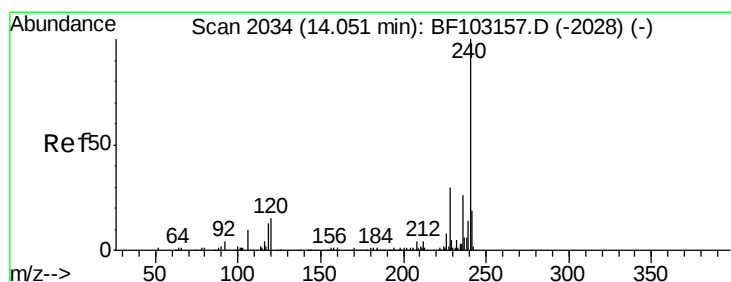
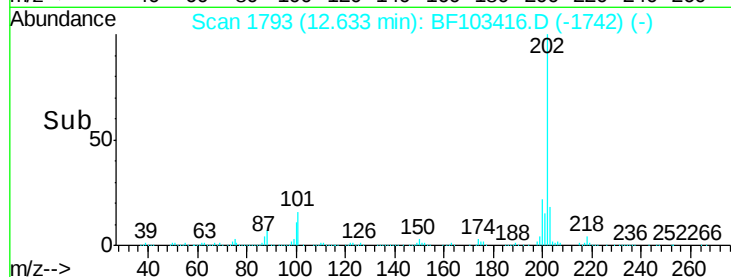
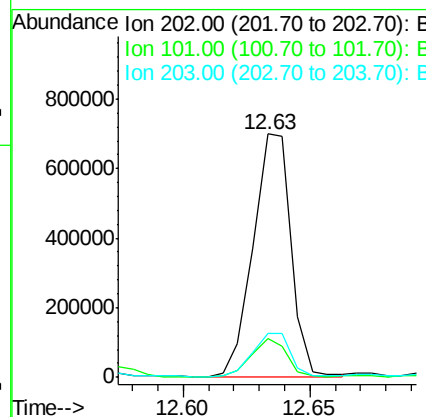
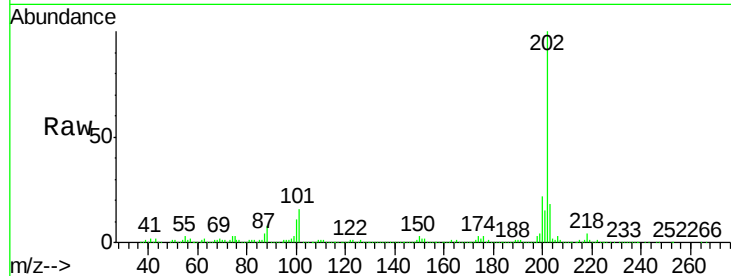
ClientSampleId :

JC-02-030118-H

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	15.9	0.0	34.1		
203	18.2	0.0	38.1		

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#75

Chrysene-d12

Concen: 20.000 ng

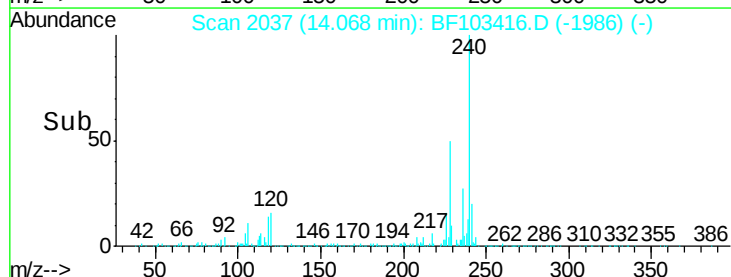
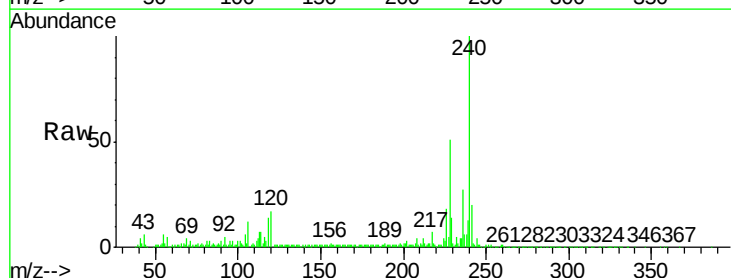
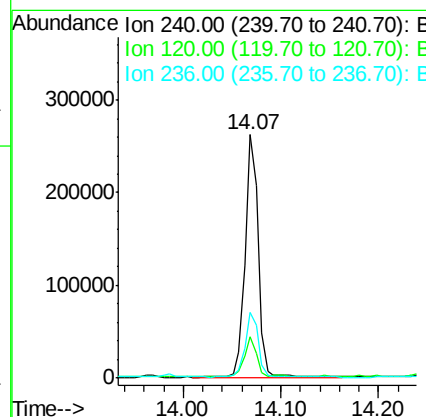
RT: 14.07 min Scan# 2037

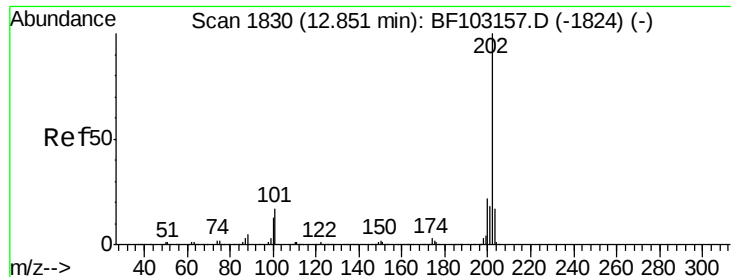
Delta R.T. 0.00 min

Lab File: BF103416.D

Acq: 5 Mar 2018 18:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100				
120	16.8	9.5	14.3#		
236	27.2	20.7	31.1		





#77

Pvrene

Concen: 51.305 ng

RT: 12.87 min Scan# 1833

Delta R.T. 0.01 min

Lab File: BF103416.D

Acq: 5 Mar 2018 18:44

Instrument :

BNA_F

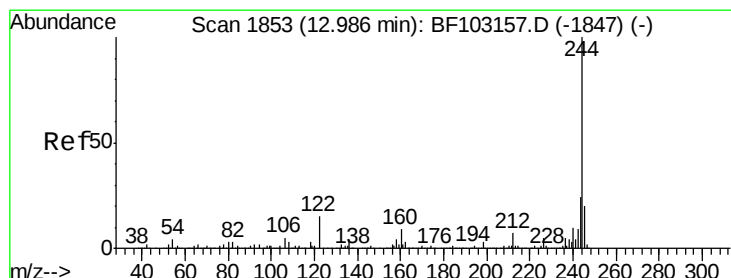
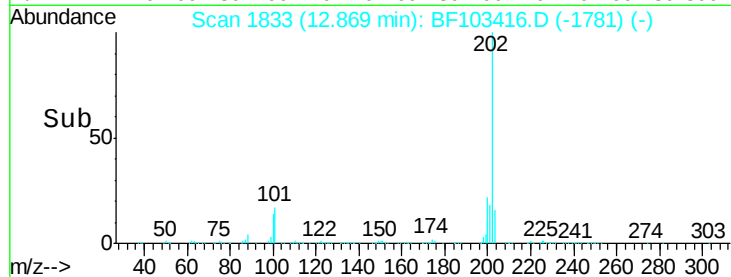
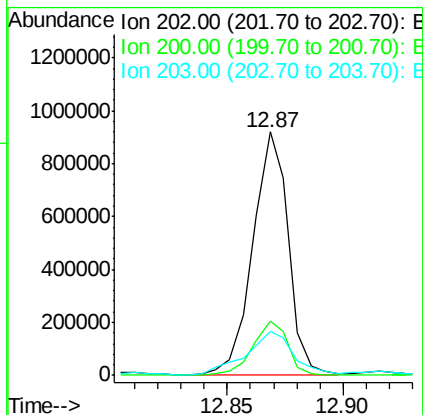
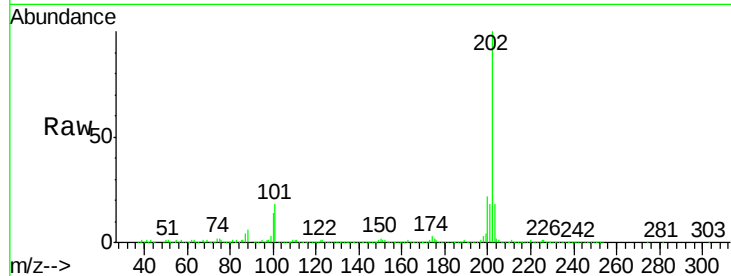
ClientSampleId :

JC-02-030118-H

Tot Ion:	202	Resp:	977659
Ion Ratio		Lower	Upper
202	100		
200	22.3	17.4	26.2
203	18.1	14.3	21.5

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#78

Terphenyl-d14

Concen: 35.241 ng

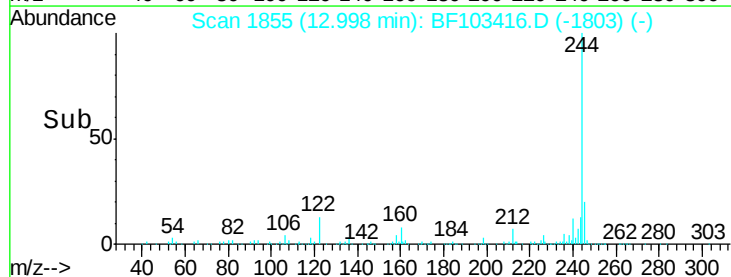
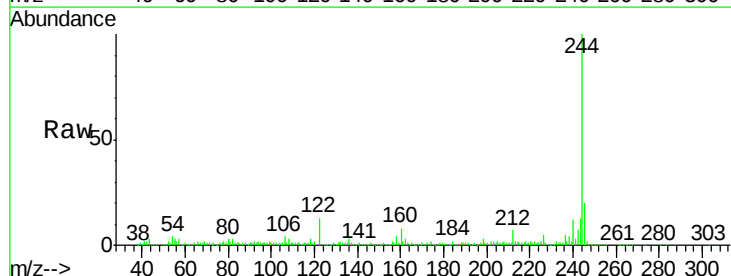
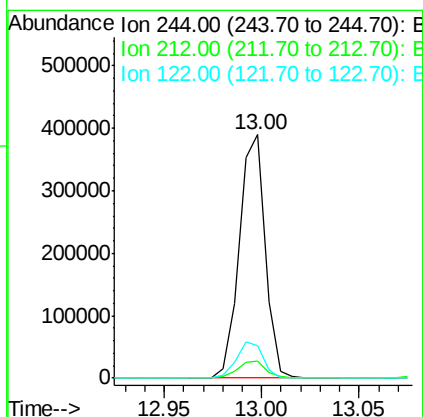
RT: 13.00 min Scan# 1855

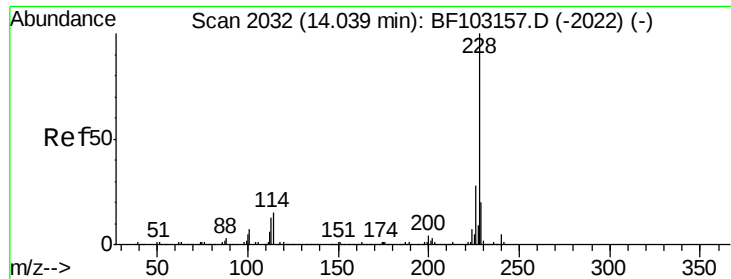
Delta R.T. 0.01 min

Lab File: BF103416.D

Acq: 5 Mar 2018 18:44

Tgt Ion:	244	Resp:	358315
Ion Ratio		Lower	Upper
244	100		
212	7.2	5.4	8.0
122	13.4	11.0	16.4





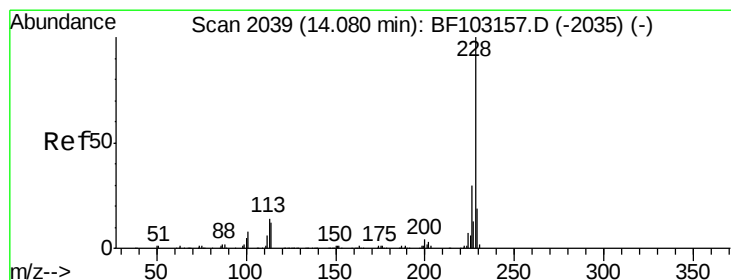
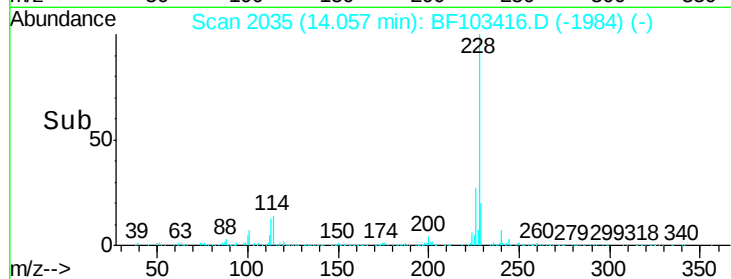
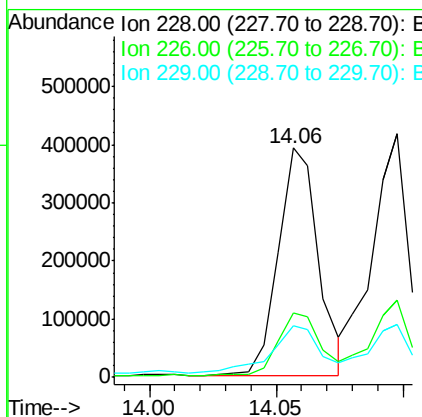
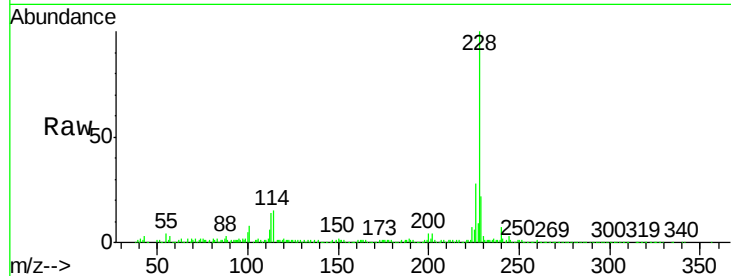
#80
Benzo(a)anthracene
Concen: 27.121 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BF103416.D
Acq: 5 Mar 2018 18:44

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	22.3	15.8	23.6

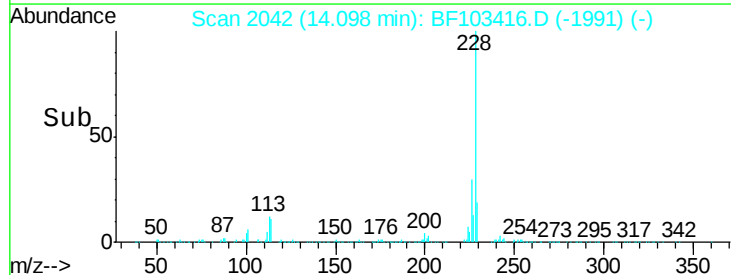
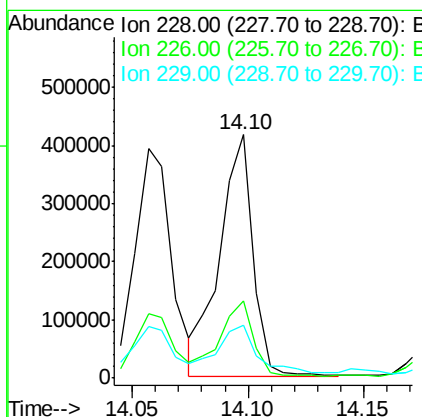
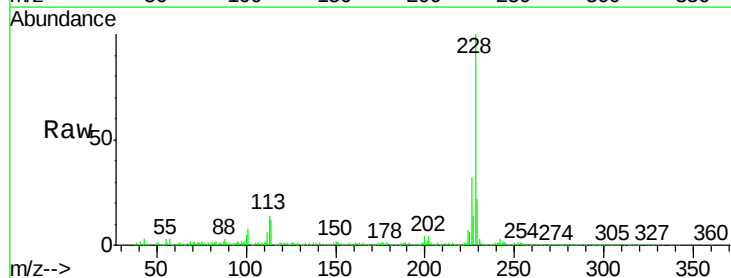
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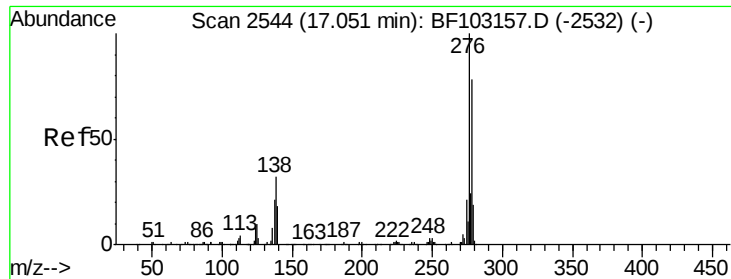
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#82
Chrysene
Concen: 26.986 ng
RT: 14.10 min Scan# 2042
Delta R.T. 0.00 min
Lab File: BF103416.D
Acq: 5 Mar 2018 18:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.0	37.6
229	21.9	16.2	24.4





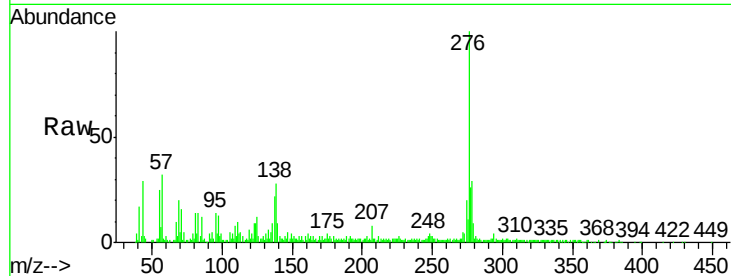
#85
Indeno(1,2,3-cd)pyrene
Concen: 11.472 ng
RT: 17.13 min Scan# 2557
Delta R.T. -0.01 min
Lab File: BF103416.D
Acq: 5 Mar 2018 18:44

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

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.1	25.0	37.6
277	23.8	20.1	30.1

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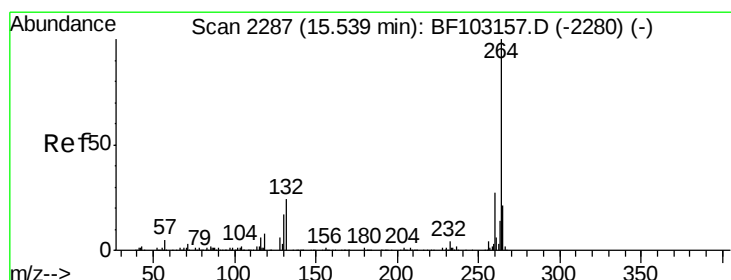
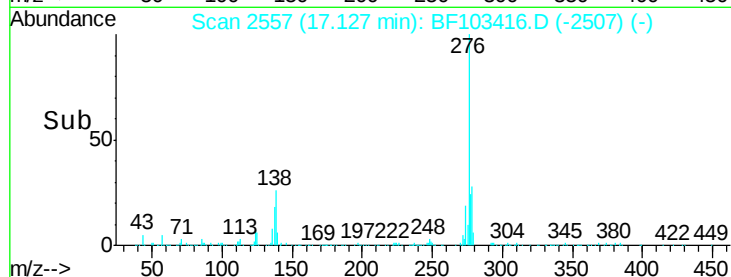
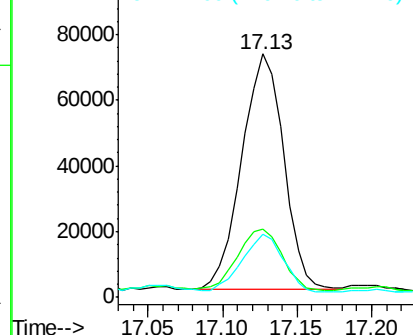


Abundance

Ion 276.00 (275.70 to 276.70): E

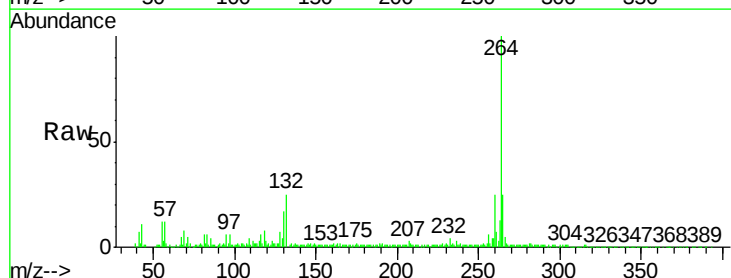
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.58 min Scan# 2294
Delta R.T. 0.01 min
Lab File: BF103416.D
Acq: 5 Mar 2018 18:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.2	28.8
265	24.7	17.5	26.3

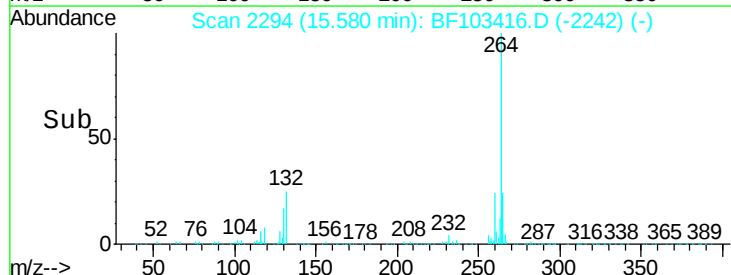
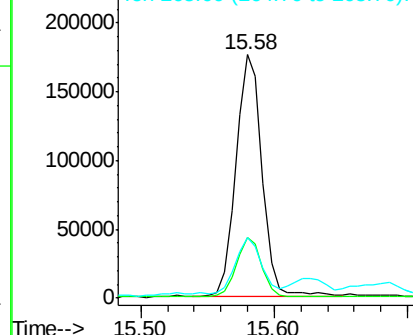


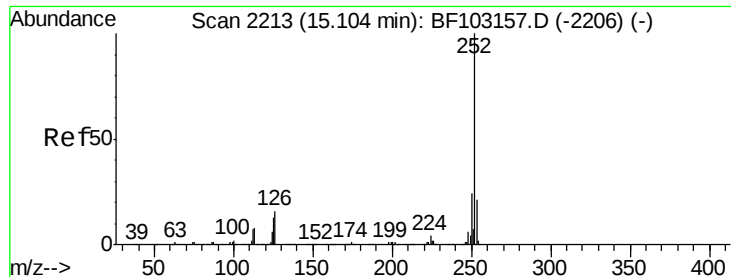
Abundance

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





#87

Benzo(b)fluoranthene

Concen: 25.350 ng m

RT: 15.14 min Scan# 2219

Delta R.T. 0.01 min

Lab File: BF103416.D

Acq: 5 Mar 2018 18:44

Instrument :

BNA_F

ClientSampleId :

JC-02-030118-H

Tot Ion:252 Resp: 398887

Ion Ratio Lower Upper

252 100

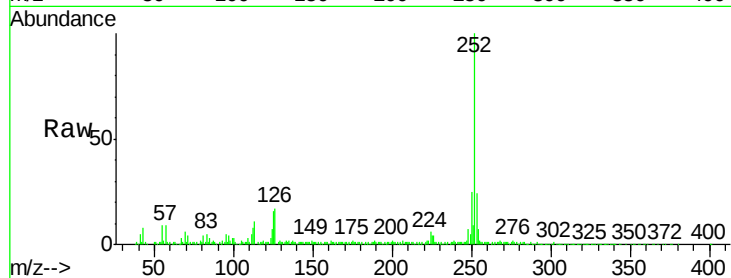
253 23.8 17.0 25.6

125 15.9 9.0 13.6#

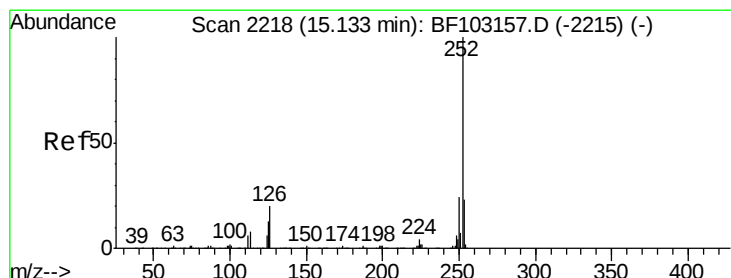
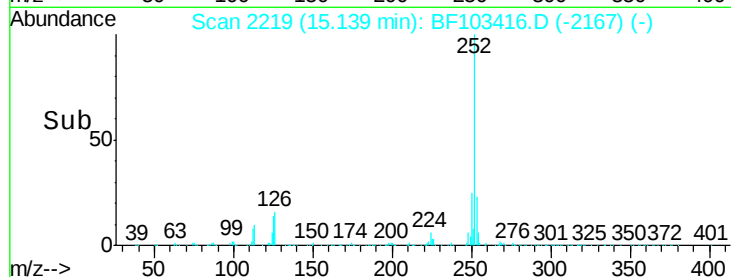
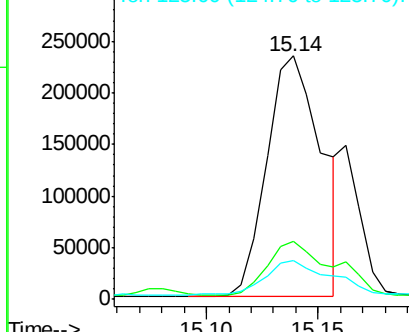
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 6.472 ng m

RT: 15.16 min Scan# 2223

Delta R.T. 0.00 min

Lab File: BF103416.D

Acq: 5 Mar 2018 18:44

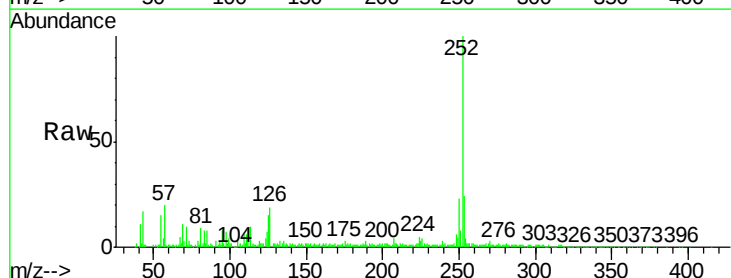
Tgt Ion:252 Resp: 95893

Ion Ratio Lower Upper

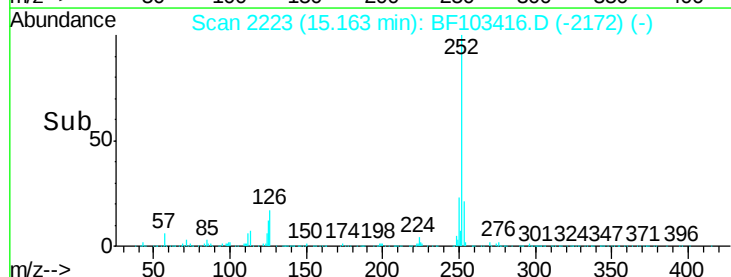
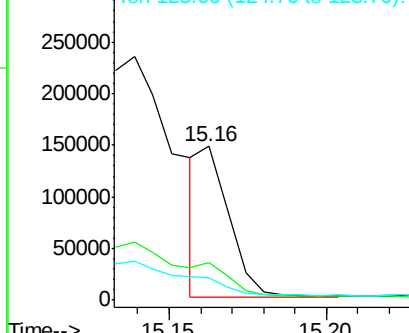
252 100

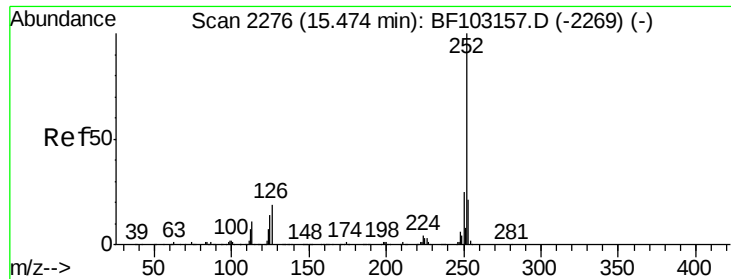
253 24.1 17.9 26.9

125 14.6 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





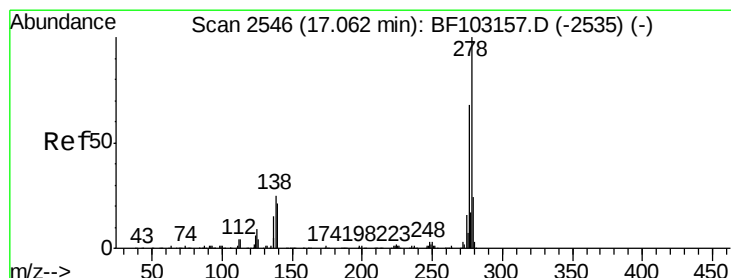
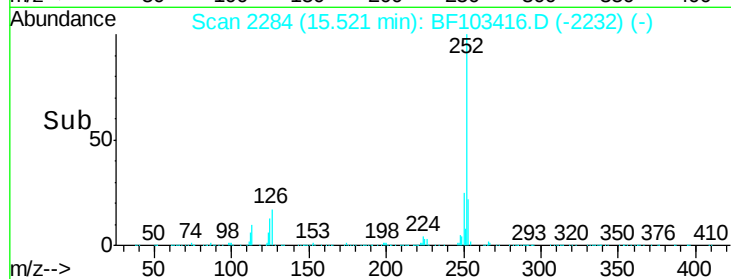
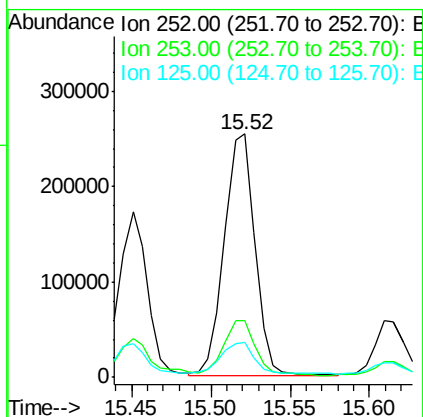
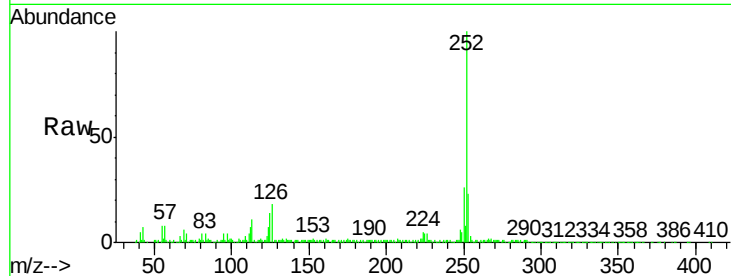
#89
Benzo(a)pyrene
Concen: 24.072 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.01 min
Lab File: BF103416.D
Acq: 5 Mar 2018 18:44

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.1	25.7
125	14.1	9.8	14.6

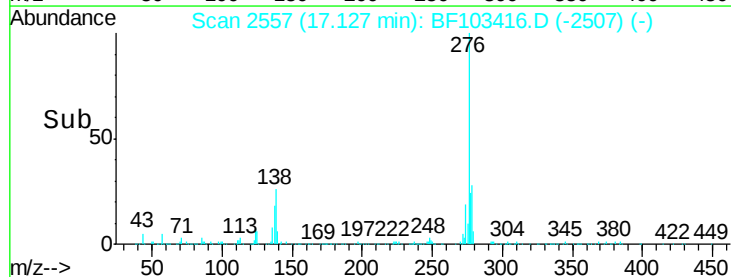
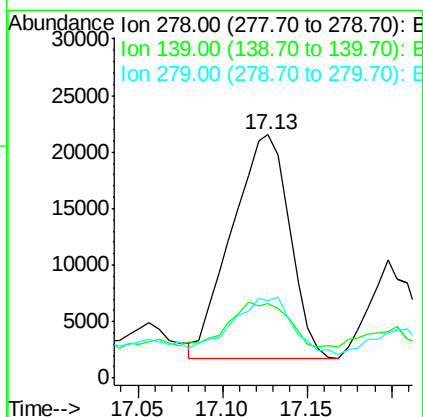
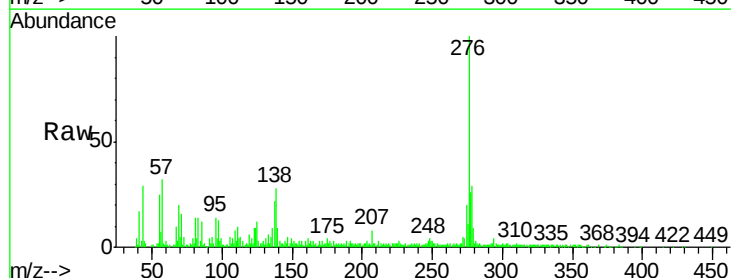
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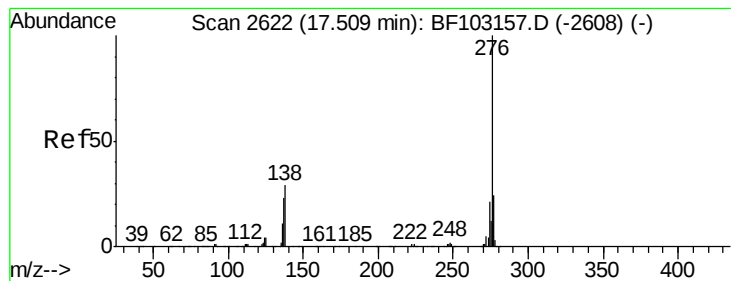
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#90
Dibenzo(a,h)anthracene
Concen: 4.327 ng
RT: 17.13 min Scan# 2557
Delta R.T. -0.01 min
Lab File: BF103416.D
Acq: 5 Mar 2018 18:44

Tgt Ion	Ratio	Lower	Upper
278	100		
139	30.9	15.9	23.9#
279	31.5	19.0	28.4#





#91

Benzo(a,h,i)perylene

Concen: 13.476 ng

RT: 17.60 min Scan# 2637

Delta R.T. 0.01 min

Lab File: BF103416.D

Acq: 5 Mar 2018 18:44

Instrument :

BNA_F

ClientSampleId :

JC-02-030118-H

Tot Ion: 276 Resp: 143002

Ion Ratio Lower Upper

276 100

277 24.9 17.9 26.9

138 29.2 21.8 32.8

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