

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF040218\
 Data File : BF104156.D
 Acq On : 3 Apr 2018 3:05
 Operator : JU/SJ
 Sample : J2121-02
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PA-01-COMP

Manual Integrations
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Sohil
 4/3/2018 2:27:52 PM

Quant Time: Apr 03 05:59:47 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 02 13:40:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	99131	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	395890	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	158076	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	233246	20.00	ng	0.00
75) Chrysene-d12	14.15	240	241813	20.00	ng	0.00
86) Perylene-d12	15.69	264	197419	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	606606	97.59	ng	0.00
7) Phenol-d6	6.59	99	772726	101.04	ng	0.00
23) Nitrobenzene-d5	7.52	82	450657	69.62	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	146285	83.11	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	784889	78.30	ng	0.00
78) Terphenyl-d14	13.07	244	549187	52.44	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.70	163	64070	5.134	ng	99
70) Phenanthrene	11.52	178	43890	3.476	ng	98
74) Fluoranthene	12.71	202	85188	6.346	ng	98
77) Pyrene	12.95	202	84131	4.840	ng	98
80) Benzo(a)anthracene	14.14	228	56376m	3.726	ng	
82) Chrysene	14.17	228	47179	3.184	ng	96
83) Bis(2-ethylhexyl)phthalate	14.09	149	63099	5.963	ng	100
87) Benzo(b)fluoranthene	15.23	252	50224m	4.180	ng	
88) Benzo(k)fluoranthene	15.26	252	23509m	2.077	ng	
89) Benzo(a)pyrene	15.63	252	47104	4.231	ng	# 89
91) Benzo(g,h,i)perylene	17.77	276	22583	2.190	ng	# 87

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

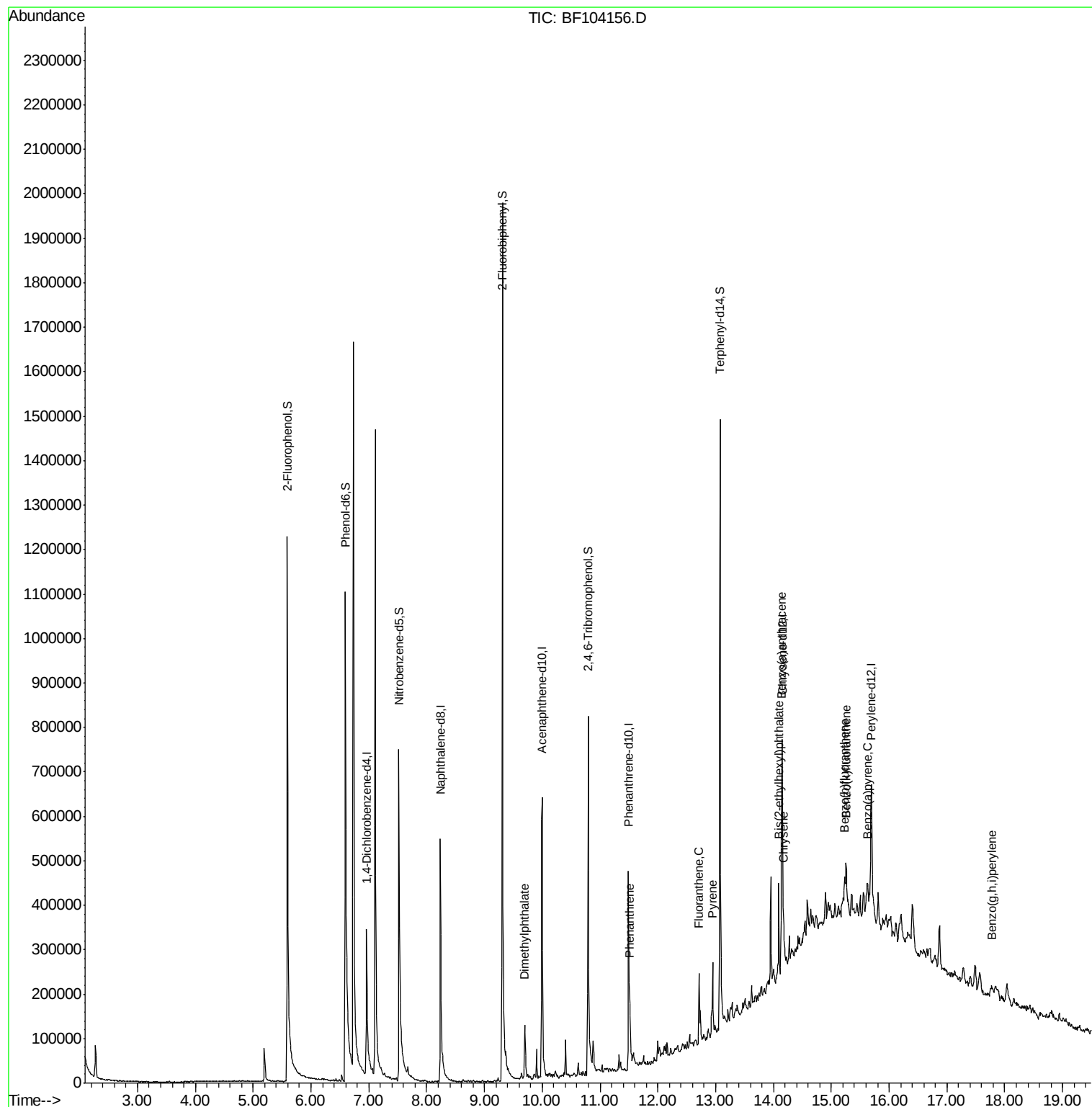
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF040218\
Data File : BF104156.D
Acq On : 3 Apr 2018 3:05
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#1

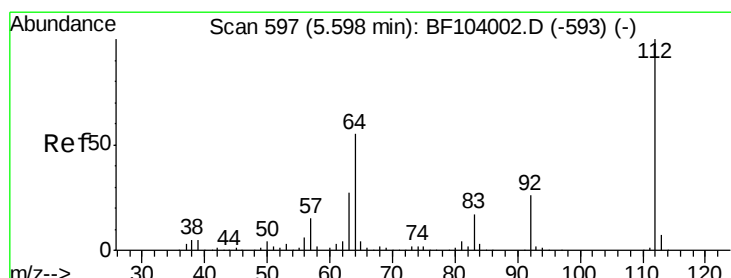
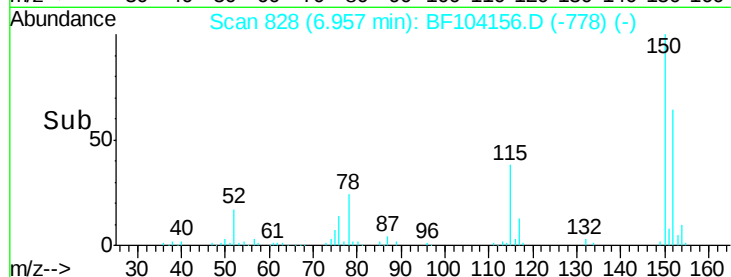
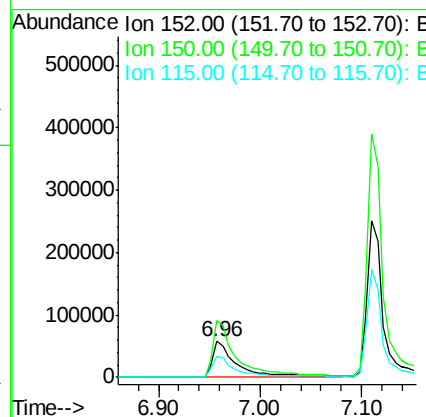
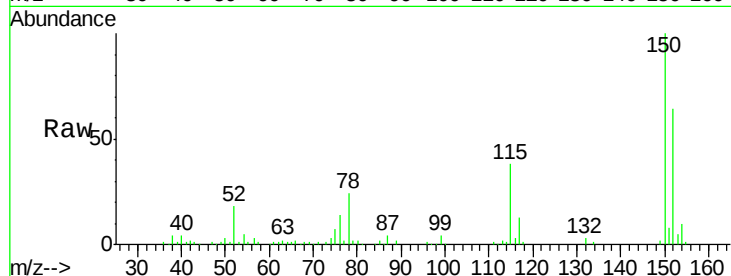
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF104156.D
 Acq: 3 Apr 2018 3:05

Instrument :
 BNA_F
 ClientSampleId :
 PA-01-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.6	186.8
115	59.3	50.1	75.1

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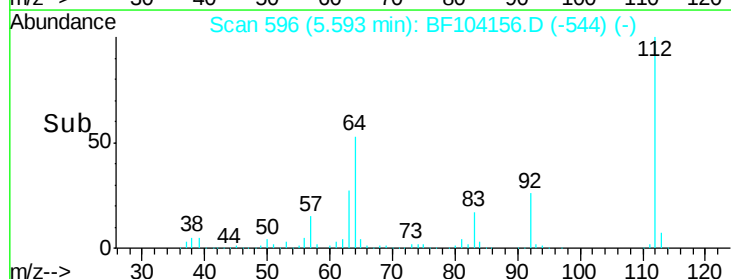
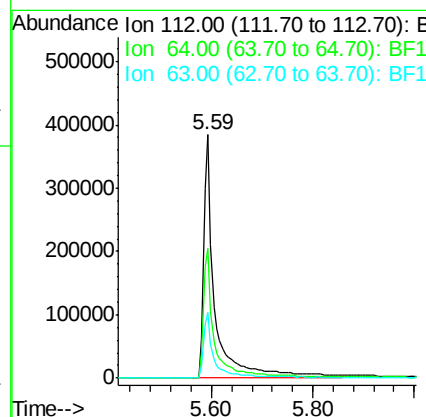
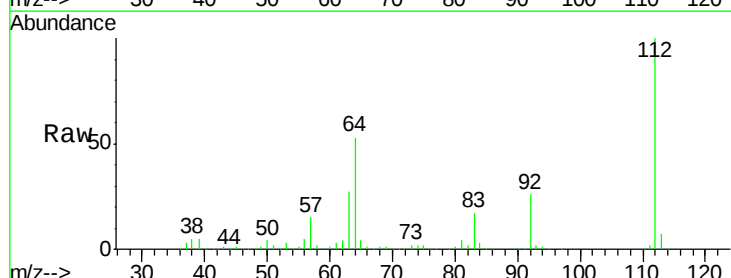
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#5

2-Fluorophenol
 Concen: 97.586 ng
 RT: 5.59 min Scan# 596
 Delta R.T. 0.01 min
 Lab File: BF104156.D
 Acq: 3 Apr 2018 3:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.2	47.9	71.9
63	26.8	23.7	35.5





#7

Phenol-d6

Concen: 101.041 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF104156.D

Acq: 3 Apr 2018 3:05

Instrument :

BNA_F

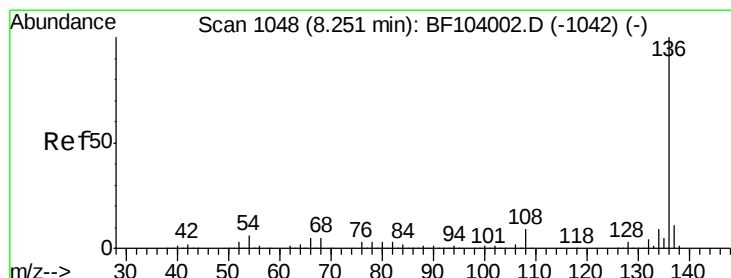
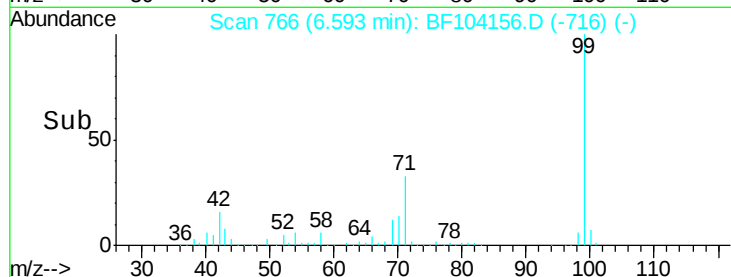
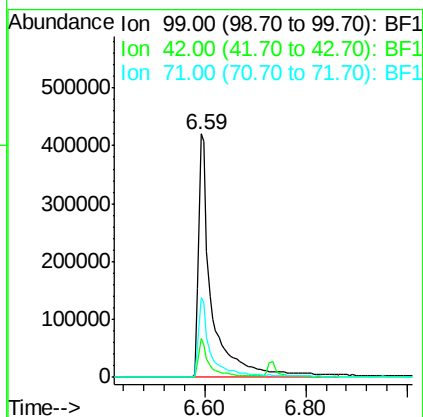
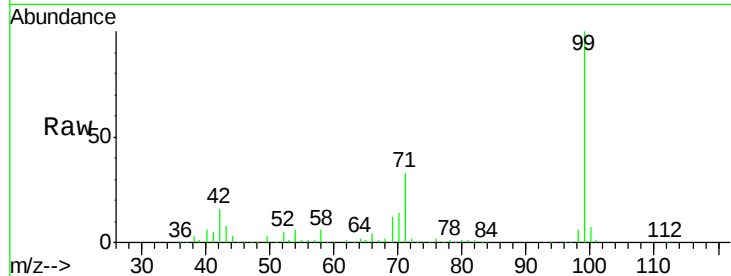
ClientSampled :

PA-01-COMP

Tot Ion:	99	Resp:	772726
Ion Ratio	Lower	Upper	
99	100		
42	15.9	14.5	21.7
71	32.9	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

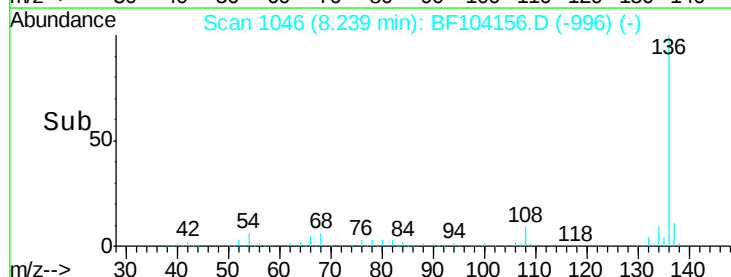
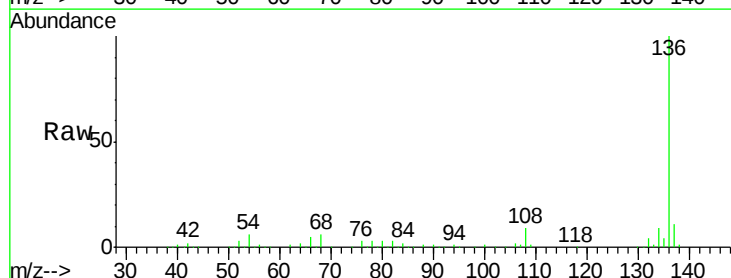
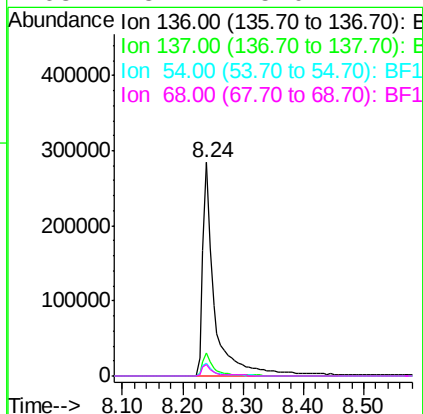
RT: 8.24 min Scan# 1046

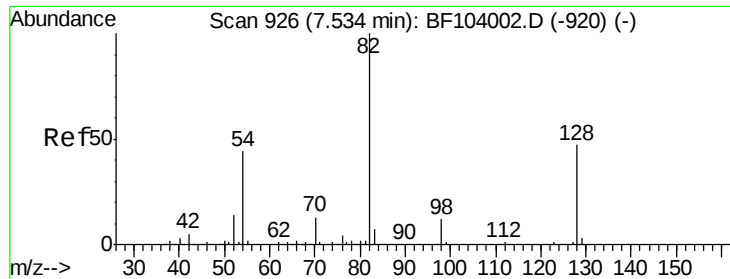
Delta R.T. -0.01 min

Lab File: BF104156.D

Acq: 3 Apr 2018 3:05

Tgt Ion:	136	Resp:	395890
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.9	13.3
54	6.2	6.6	9.8#
68	5.7	5.0	7.4





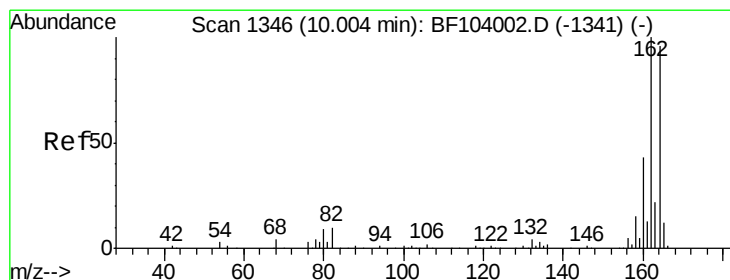
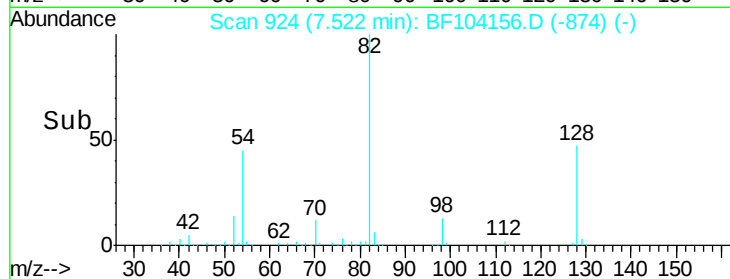
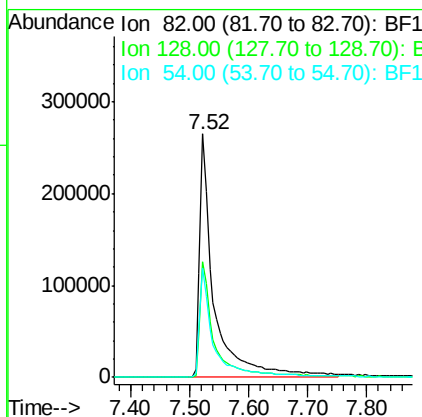
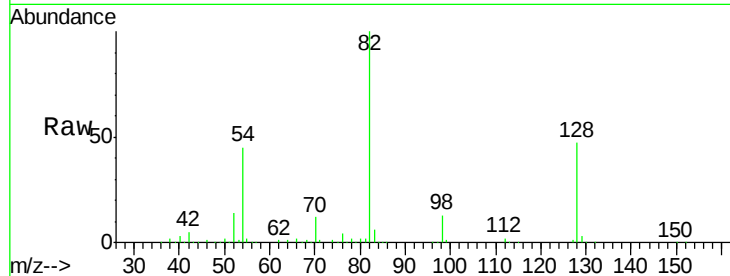
#23
 Nitrobenzene-d5
 Concen: 69.616 ng
 RT: 7.52 min Scan# 924
 Delta R.T. -0.01 min
 Lab File: BF104156.D
 Acq: 3 Apr 2018 3:05

Instrument :
 BNA_F
 ClientSampleId :
 PA-01-COMP

Tot Ion	82	Resp	450657
Ion Ratio	100	Lower	Upper
82	100		
128	47.5	36.1	54.1
54	45.0	41.4	62.2

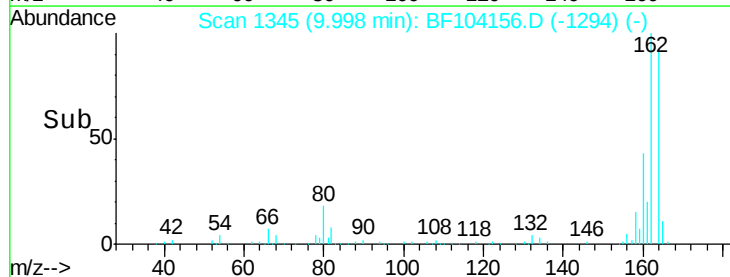
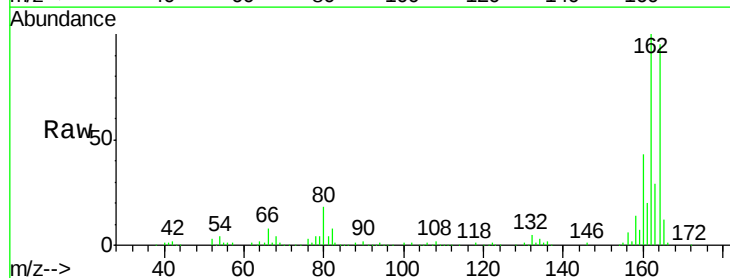
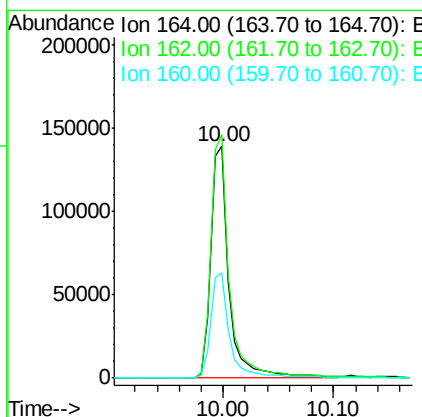
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. -0.00 min
 Lab File: BF104156.D
 Acq: 3 Apr 2018 3:05

Tgt Ion	164	Resp	158076
Ion Ratio	100	Lower	Upper
164	100		
162	105.1	86.1	129.1
160	45.5	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 83.108 ng

RT: 10.79 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BF104156.D

Acq: 3 Apr 2018 3:05

Instrument :

BNA_F

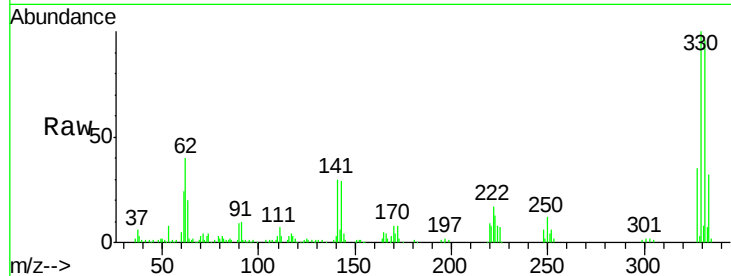
ClientSampleId :

PA-01-COMP

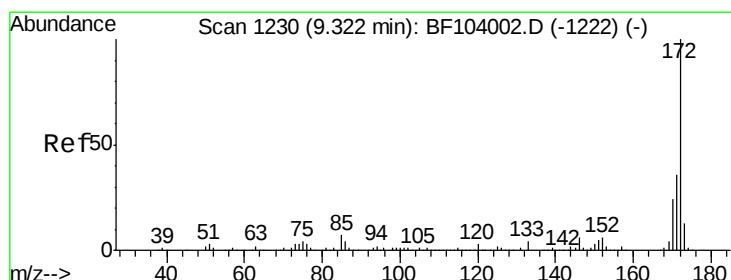
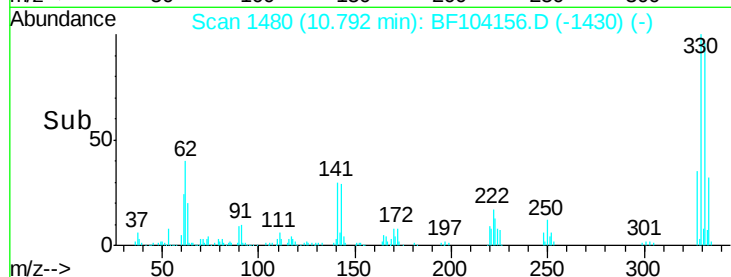
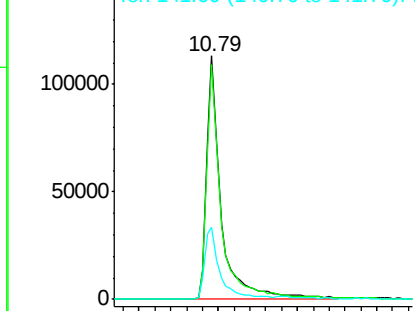
Tot Ion:	330	Resp:	146285
Ion Ratio	Lower	Upper	
330	100		
332	94.4	77.0	115.6
141	31.4	29.9	44.9

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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: 78.298 ng

RT: 9.31 min Scan# 1228

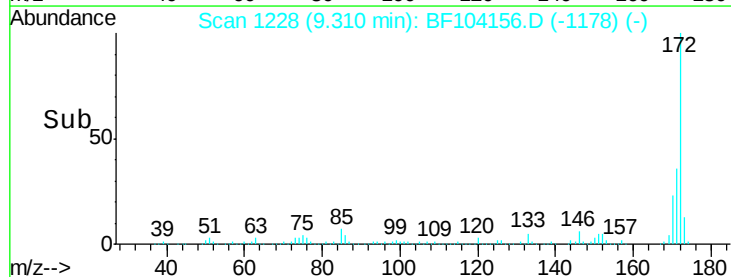
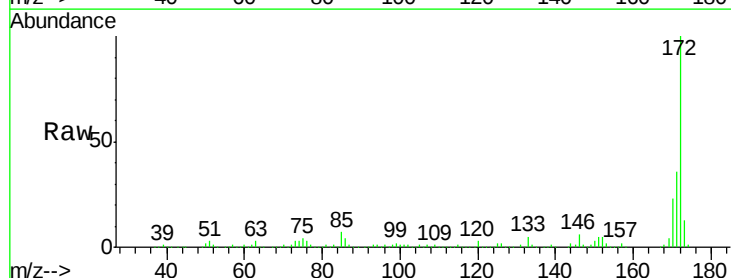
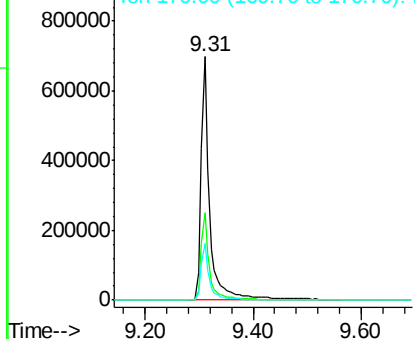
Delta R.T. -0.01 min

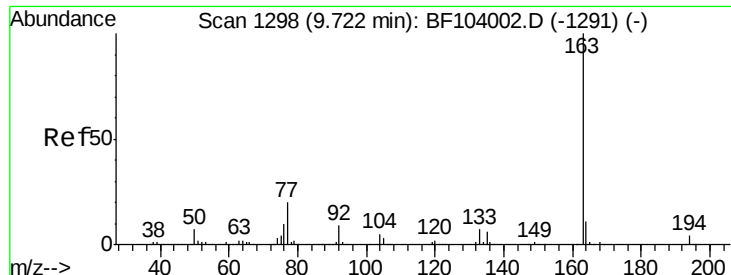
Lab File: BF104156.D

Acq: 3 Apr 2018 3:05

Tgt Ion:	172	Resp:	784889
Ion Ratio	Lower	Upper	
172	100		
171	36.1	29.7	44.5
170	23.1	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





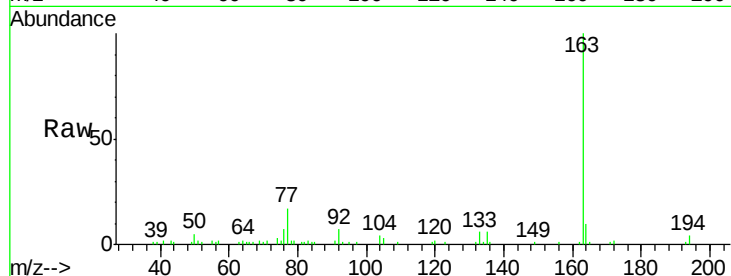
#49
Dimethylphthalate
Concen: 5.134 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF104156.D
Acq: 3 Apr 2018 3:05

Instrument :
BNA_F
ClientSampleId :
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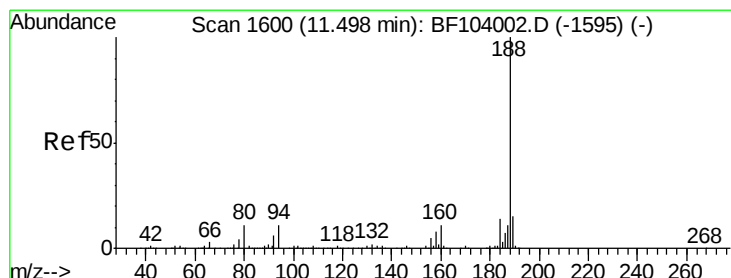
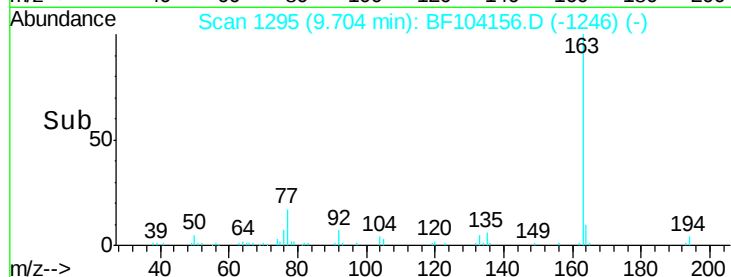
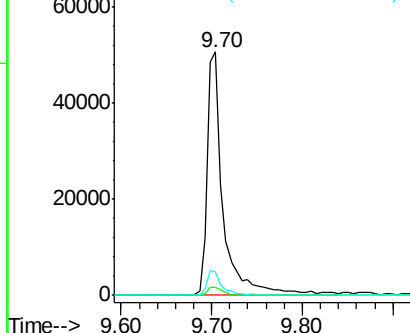
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	9.8	8.2	12.2

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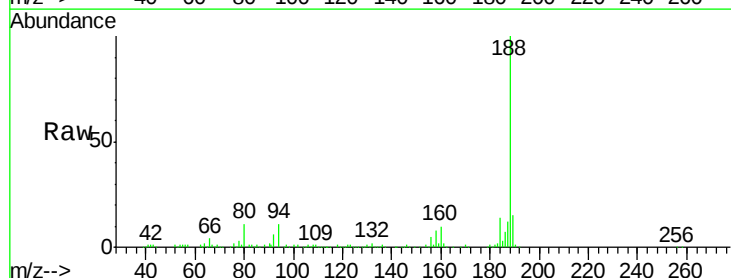


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

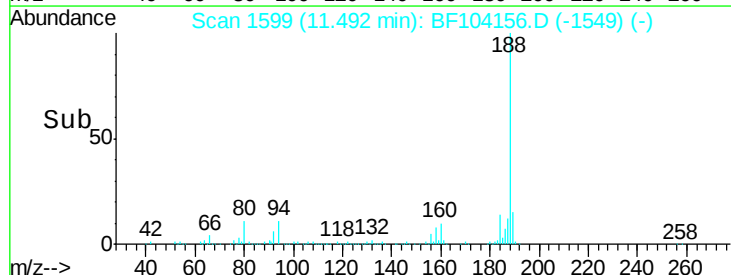
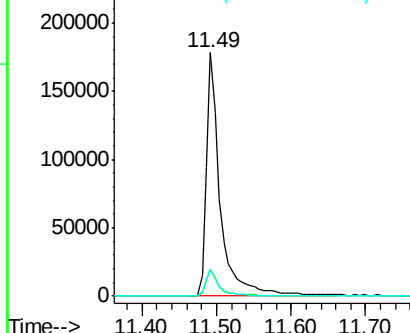


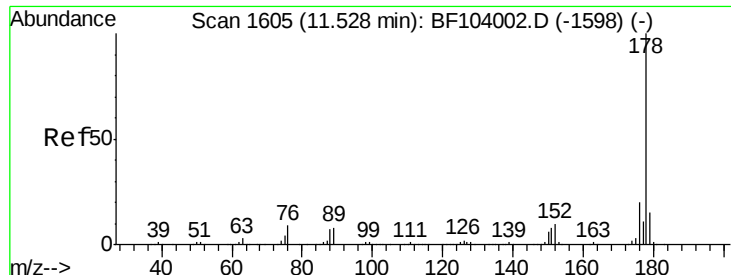
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BF104156.D
Acq: 3 Apr 2018 3:05

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.5	12.7
80	11.4	9.2	13.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#70

Phenanthrene

Concen: 3.476 ng

RT: 11.52 min Scan# 1603

Delta R.T. -0.01 min

Lab File: BF104156.D

Acq: 3 Apr 2018 3:05

Instrument :

BNA_F

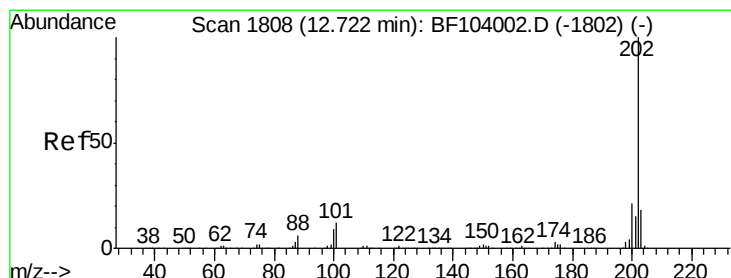
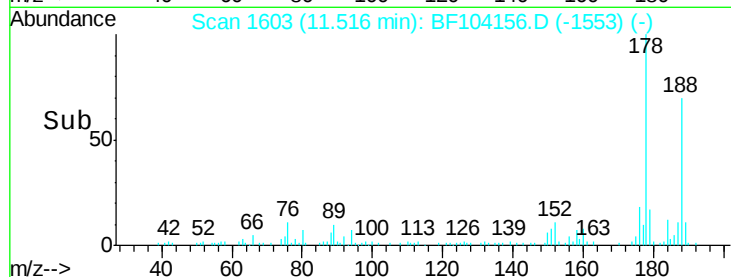
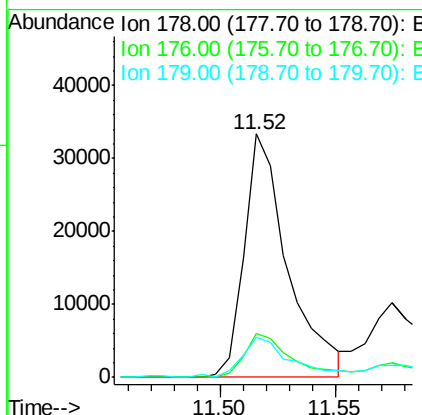
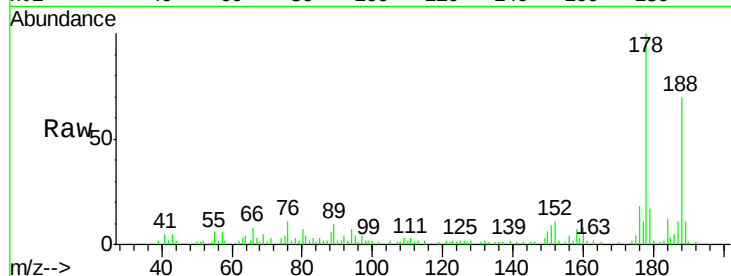
ClientSampleId :

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Tot Ion:	178	Resp:	43890
Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.8	23.8
179	16.5	13.0	19.6

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#74

Fluoranthene

Concen: 6.346 ng

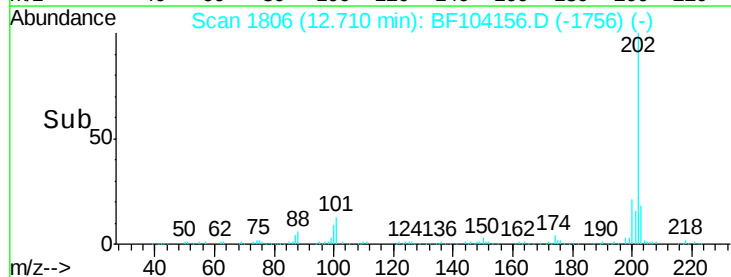
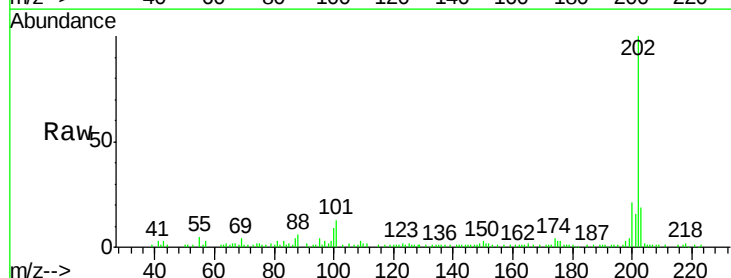
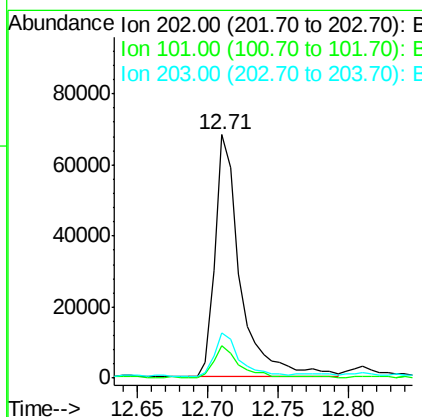
RT: 12.71 min Scan# 1806

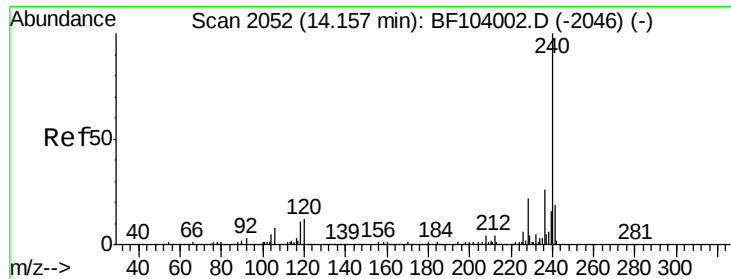
Delta R.T. -0.01 min

Lab File: BF104156.D

Acq: 3 Apr 2018 3:05

Tgt Ion:	202	Resp:	85188
Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	34.1
203	18.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2051

Delta R.T. 0.00 min

Lab File: BF104156.D

Acq: 3 Apr 2018 3:05

Instrument :

BNA_F

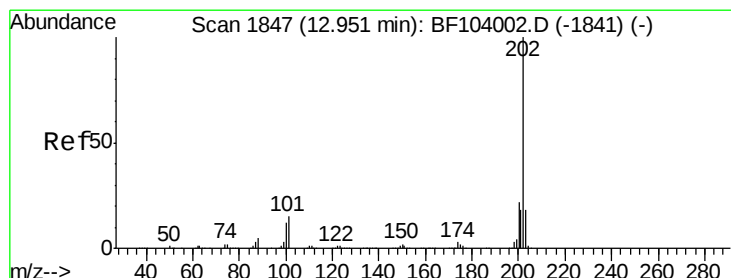
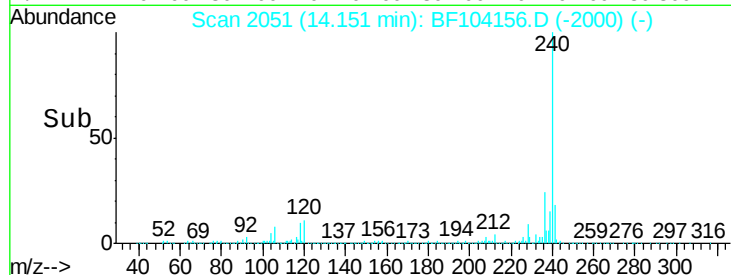
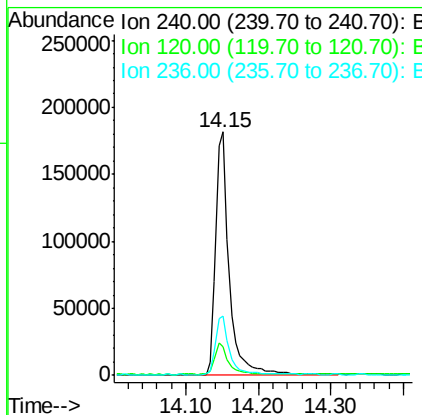
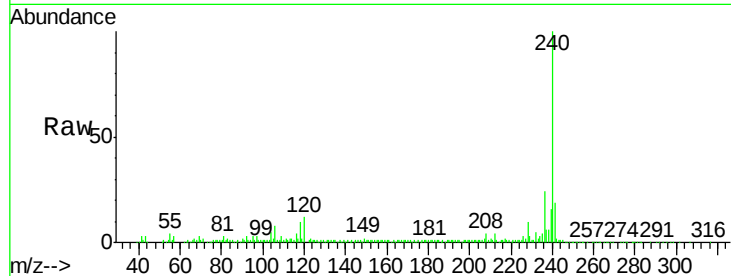
ClientSampleId :

PA-01-COMP

Tot Ion:	240	Resp:	241813
Ion Ratio	Lower	Upper	
240	100		
120	11.5	9.5	14.3
236	24.5	20.7	31.1

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#77

Pyrene

Concen: 4.840 ng

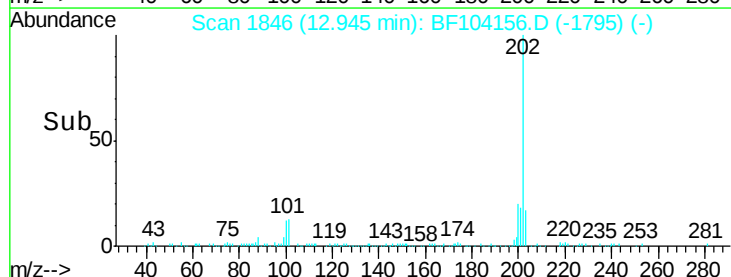
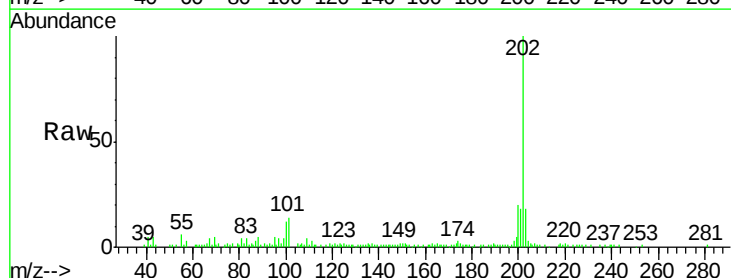
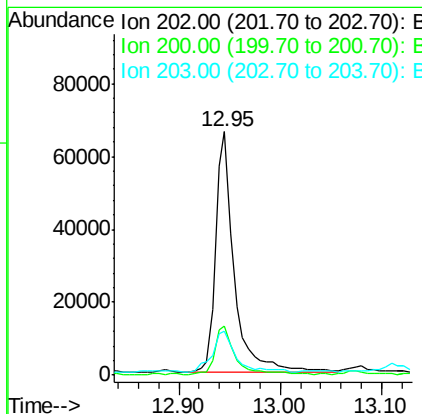
RT: 12.95 min Scan# 1846

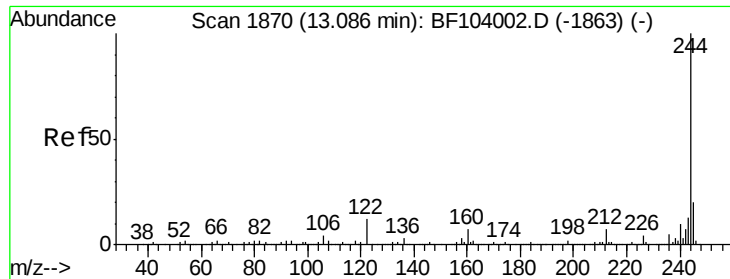
Delta R.T. -0.00 min

Lab File: BF104156.D

Acq: 3 Apr 2018 3:05

Tgt Ion:	202	Resp:	84131
Ion Ratio	Lower	Upper	
202	100		
200	20.2	17.4	26.2
203	18.3	14.3	21.5





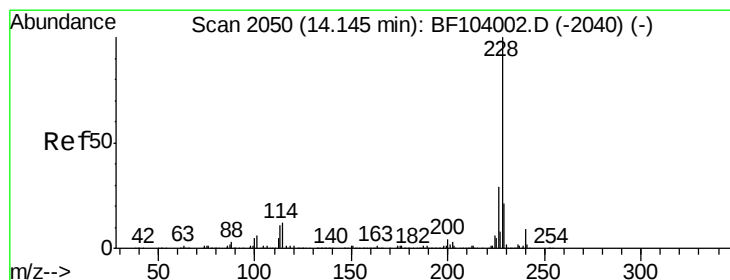
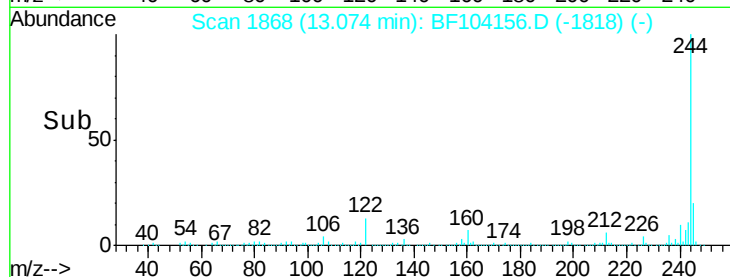
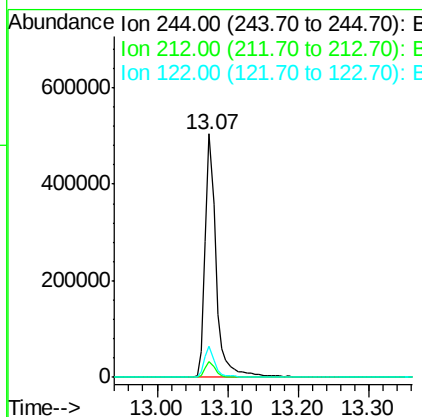
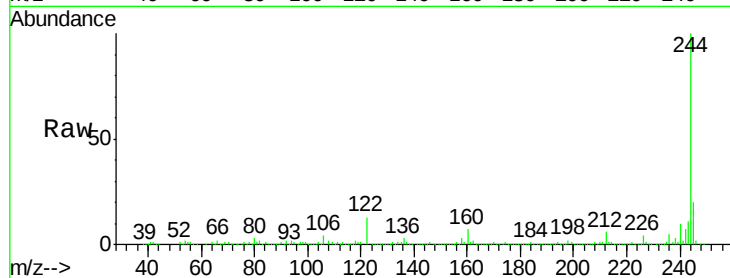
#78
 Terphenyl-d14
 Concen: 52.439 ng
 RT: 13.07 min Scan# 1868
 Delta R.T. -0.01 min
 Lab File: BF104156.D
 Acq: 3 Apr 2018 3:05

Instrument :
 BNA_F
 ClientSampleId :
 PA-01-COMP

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	12.7	11.0	16.4

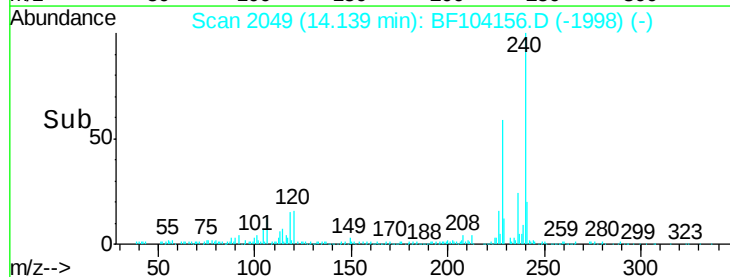
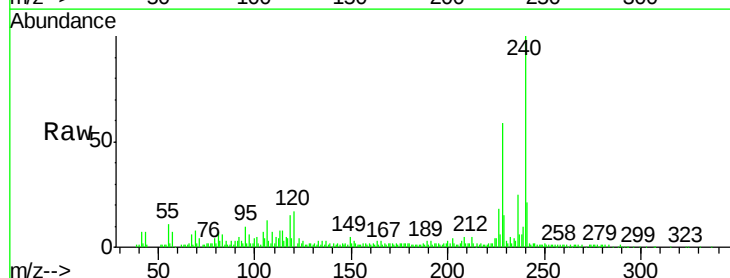
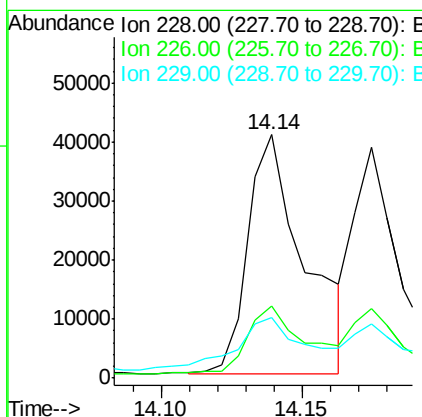
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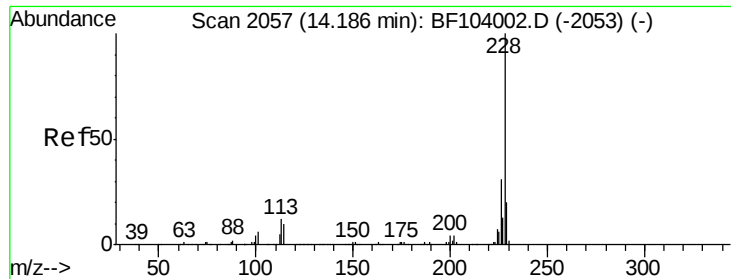
Sohil
 4/3/2018 2:27:52 PM



#80
 Benzo(a)anthracene
 Concen: 3.726 ng m
 RT: 14.14 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: BF104156.D
 Acq: 3 Apr 2018 3:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.6	33.8
229	25.0	15.8	23.6#





#82

Chrysene

Concen: 3.184 ng

RT: 14.17 min Scan# 2055

Delta R.T. -0.01 min

Lab File: BF104156.D

Acq: 3 Apr 2018 3:05

Instrument :

BNA_F

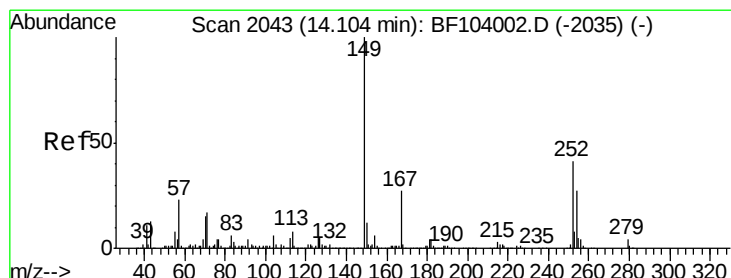
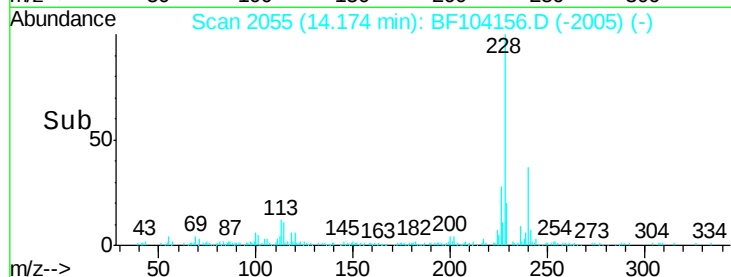
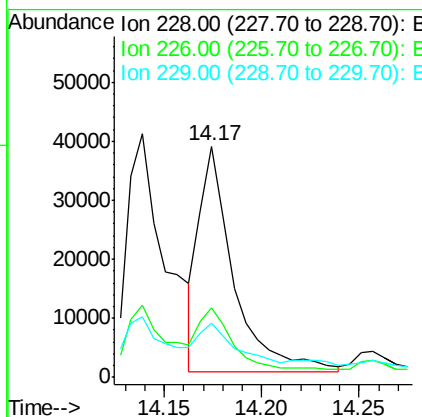
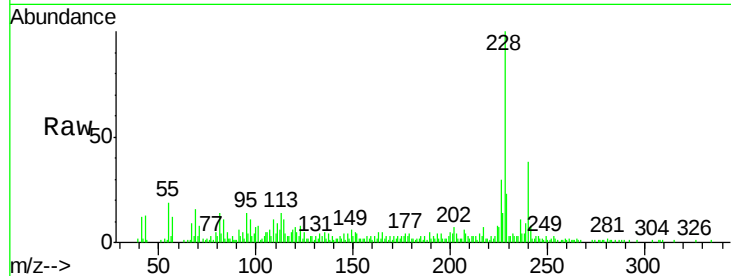
ClientSampleId :

PA-01-COMP

Tot Ion:	228	Resp:	47179
Ion Ratio	Lower	Upper	
228	100		
226	30.2	25.0	37.6
229	23.5	16.2	24.4

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#83

Bis(2-ethylhexyl)phthalate

Concen: 5.963 ng

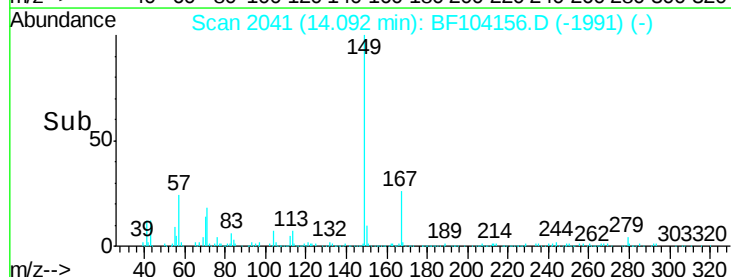
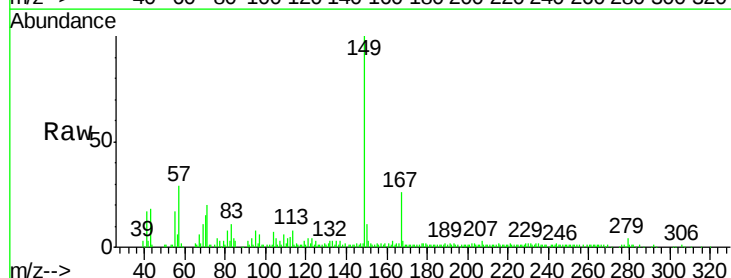
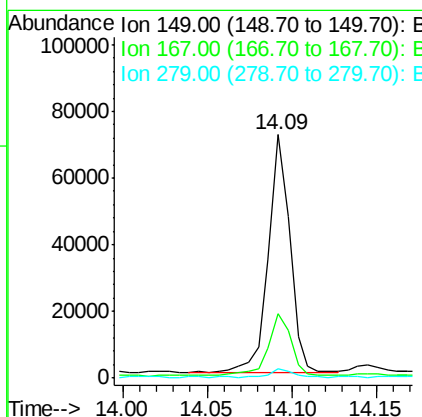
RT: 14.09 min Scan# 2041

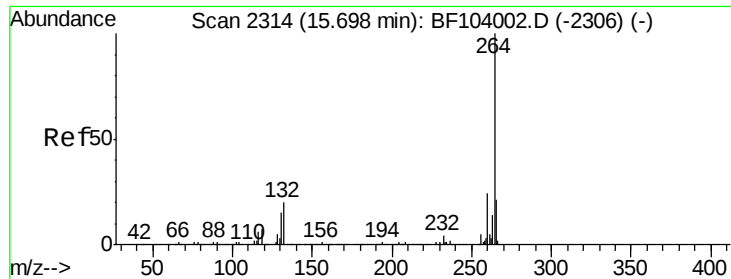
Delta R.T. -0.01 min

Lab File: BF104156.D

Acq: 3 Apr 2018 3:05

Tgt Ion:	149	Resp:	63099
Ion Ratio	Lower	Upper	
149	100		
167	26.4	21.3	31.9
279	3.6	3.0	4.4





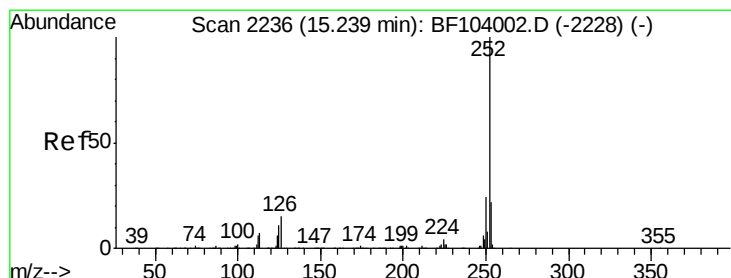
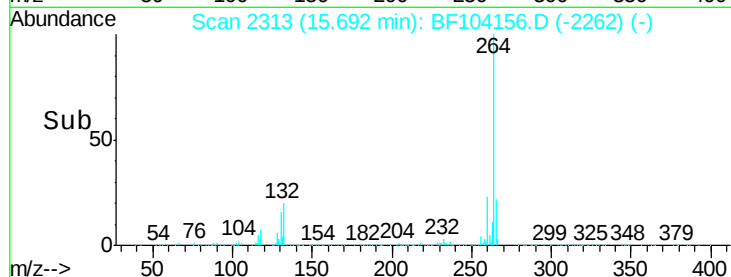
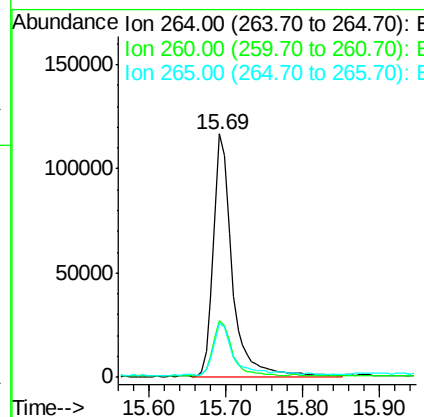
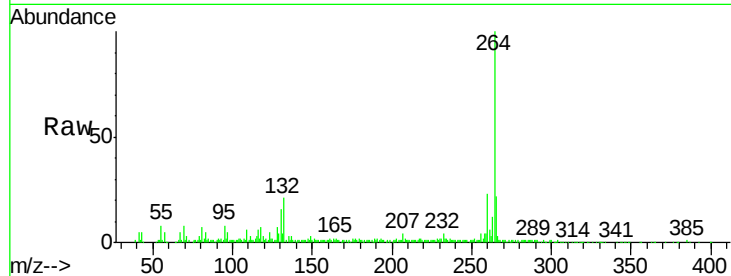
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2313
Delta R.T. -0.00 min
Lab File: BF104156.D
Acq: 3 Apr 2018 3:05

Instrument :
BNA_F
ClientSampleId :
PA-01-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	22.3	17.5	26.3

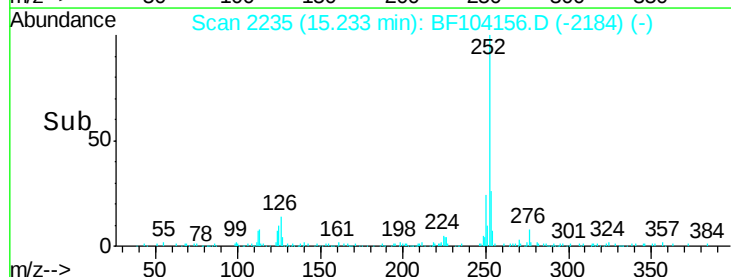
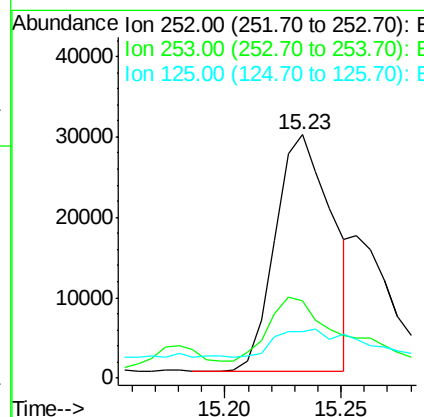
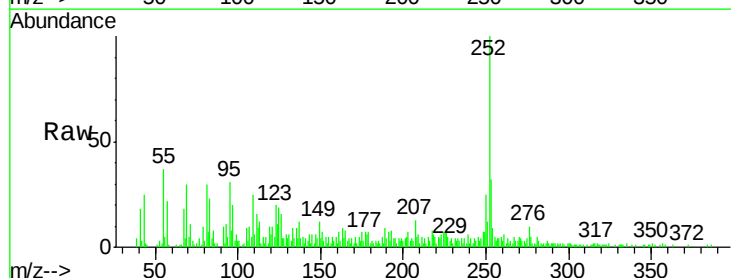
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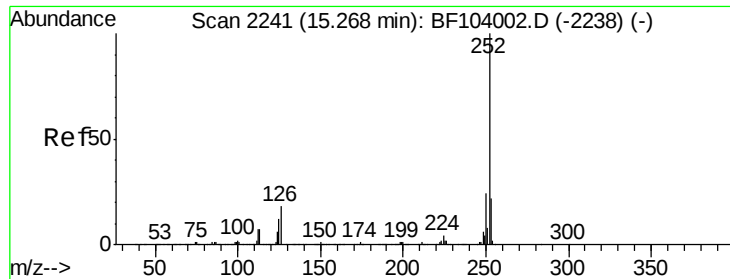
Sohil
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#87
Benzo(b)fluoranthene
Concen: 4.180 ng m
RT: 15.23 min Scan# 2235
Delta R.T. 0.00 min
Lab File: BF104156.D
Acq: 3 Apr 2018 3:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.9	17.0	25.6#
125	19.1	9.0	13.6#





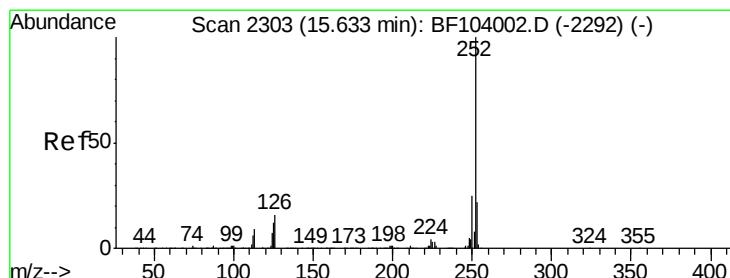
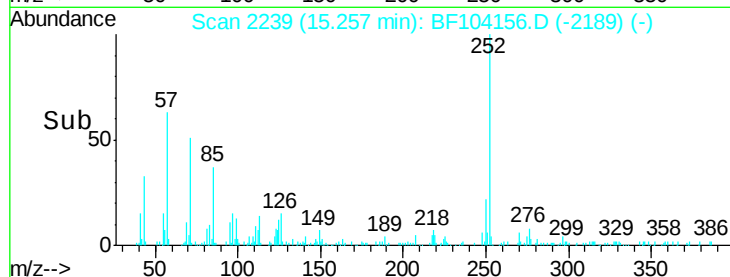
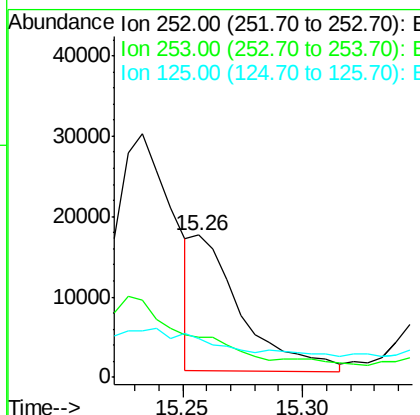
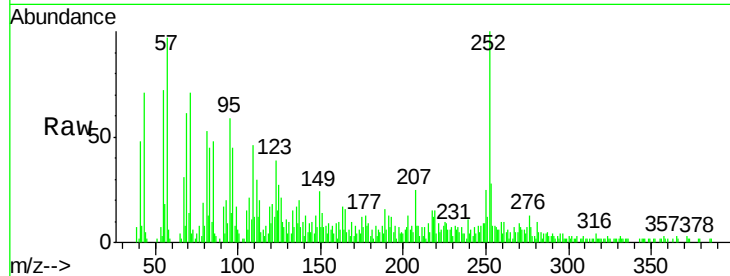
#88
Benzo(k)fluoranthene
Concen: 2.077 ng/mL
RT: 15.26 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF104156.D
Acq: 3 Apr 2018 3:05

Instrument :
BNA_F
ClientSampleId :
PA-01-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.5	17.9	26.9#
125	27.3	10.2	15.2#

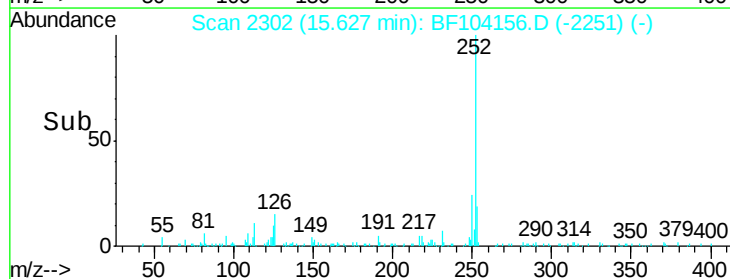
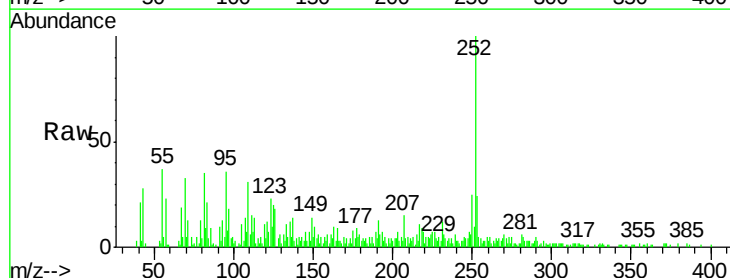
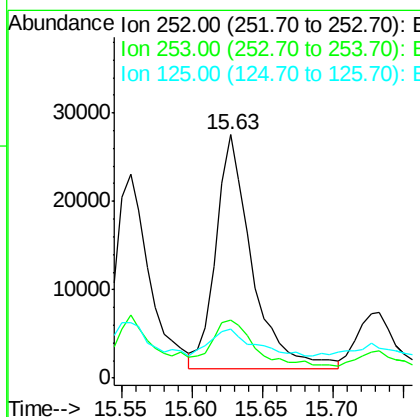
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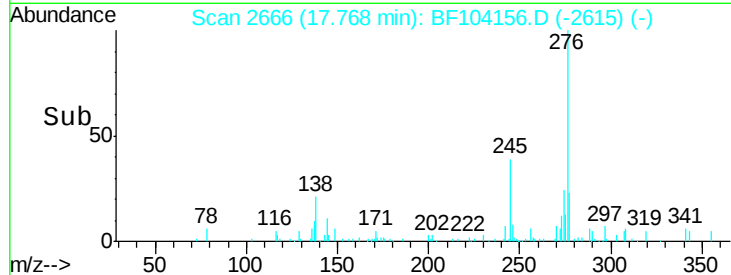
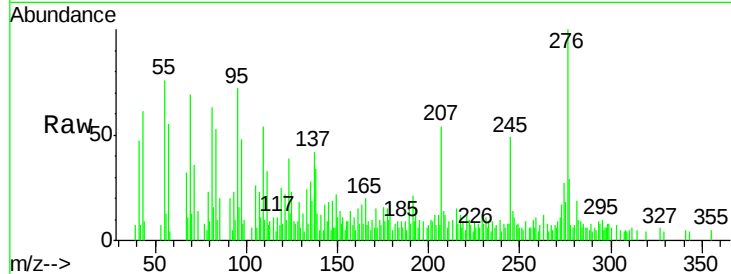
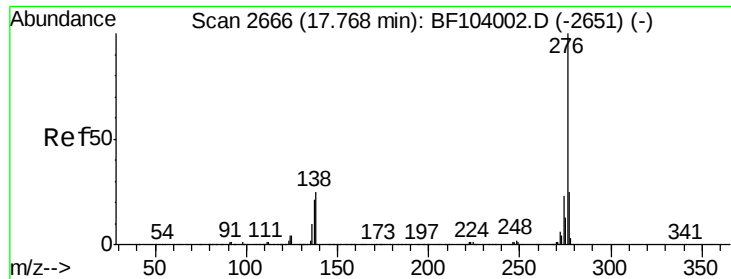
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#89
Benzo(a)pyrene
Concen: 4.231 ng/mL
RT: 15.63 min Scan# 2302
Delta R.T. 0.00 min
Lab File: BF104156.D
Acq: 3 Apr 2018 3:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.1	25.7
125	20.2	9.8	14.6#





#91

Benzo(a,h,i)perylene

Concen: 2.190 ng

RT: 17.77 min Scan# 2666

Delta R.T. -0.00 min

Lab File: BF104156.D

Acq: 3 Apr 2018 3:05

Instrument :

BNA_F

ClientSampleId :

PA-01-COMP

Tot Ion: 276 Resp: 22583

Ion Ratio Lower Upper

276 100

277 29.1 17.9 26.9#

138 33.7 21.8 32.8#

Manual Integrations
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4/3/2018 2:27:52 PM

