

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF040218\
 Data File : BF104158.D
 Acq On : 3 Apr 2018 3:57
 Operator : JU/SJ
 Sample : J2121-06 2X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PA-03-COMP

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Quant Time: Apr 03 06:41:16 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	85516	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	356649	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	137731	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	210505	20.00	ng	0.00
75) Chrysene-d12	14.15	240	214621	20.00	ng	0.00
86) Perylene-d12	15.70	264	169295	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	211453	39.43	ng	0.00
7) Phenol-d6	6.60	99	293265	44.45	ng	0.00
23) Nitrobenzene-d5	7.53	82	172031	29.50	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	56756	37.01	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	325691	37.29	ng	0.00
78) Terphenyl-d14	13.07	244	241821	26.02	ng	0.00
Target Compounds						
48) Acenaphthylene	9.86	152	34894	2.470	ng	99
70) Phenanthrene	11.52	178	60313	5.292	ng	99
71) Anthracene	11.57	178	41488	3.485	ng	97
73) Di-n-butylphthalate	12.03	149	28799	2.128	ng	98
74) Fluoranthene	12.71	202	306170	25.273	ng	99
77) Pyrene	12.94	202	262145	16.991	ng	99
80) Benzo(a)anthracene	14.14	228	201404	14.997	ng	98
82) Chrysene	14.17	228	163824	12.455	ng	97
83) Bis(2-ethylhexyl)phthalate	14.10	149	481691	51.290	ng	99
85) Indeno(1,2,3-cd)pyrene	17.29	276	64163	4.707	ng	# 86
87) Benzo(b)fluoranthene	15.23	252	189184m	18.362	ng	
88) Benzo(k)fluoranthene	15.26	252	65585m	6.757	ng	
89) Benzo(a)pyrene	15.63	252	124477	13.037	ng	# 90
91) Benzo(a,h,i)perylene	17.77	276	55654	6.294	ng	# 95

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

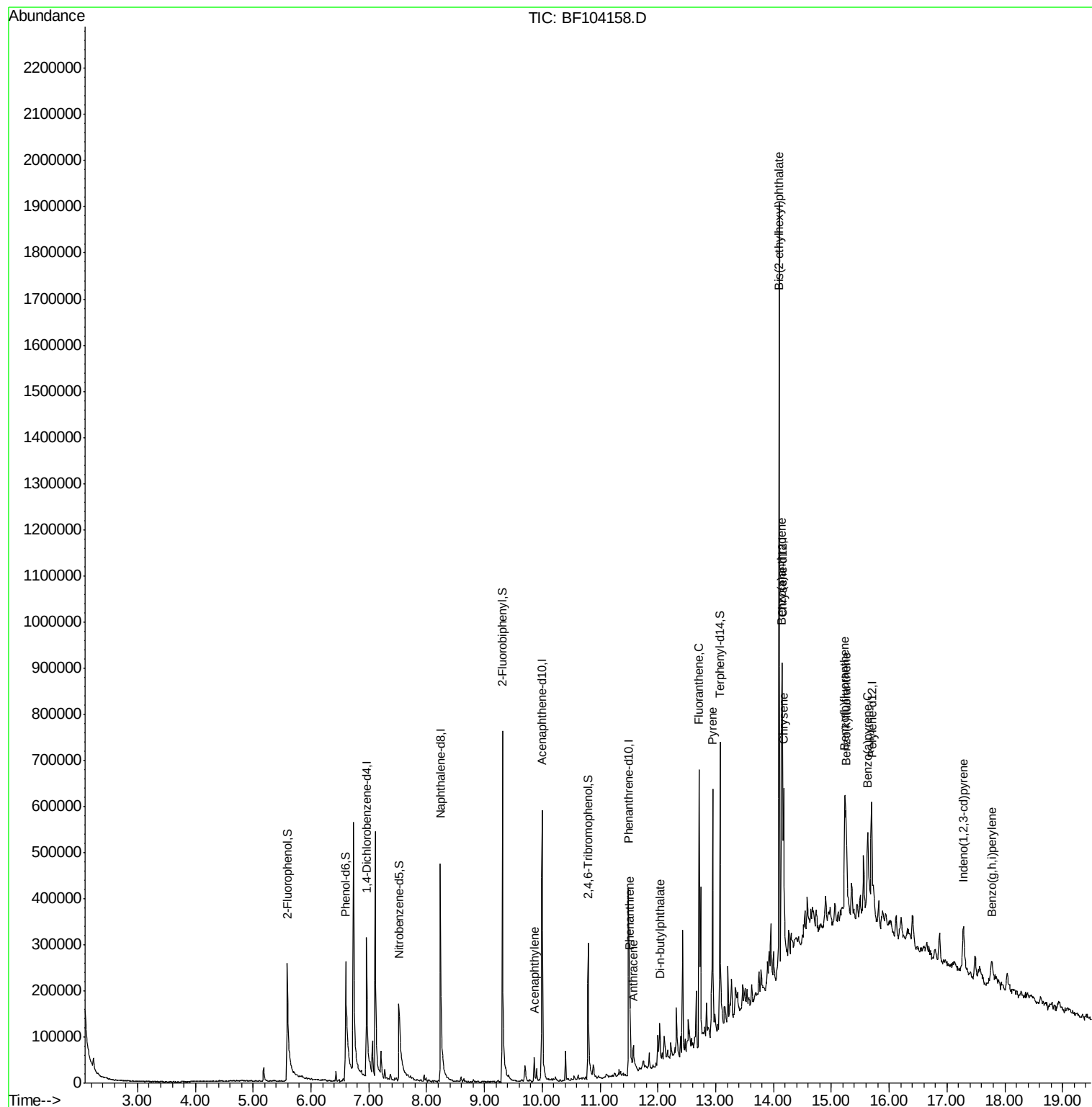
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF040218\
Data File : BF104158.D
Acq On : 3 Apr 2018 3:57
Operator : JU/SJ
Sample : J2121-06 2X
Misc :
ALS Vial : 33 Sample Multiplier: 1

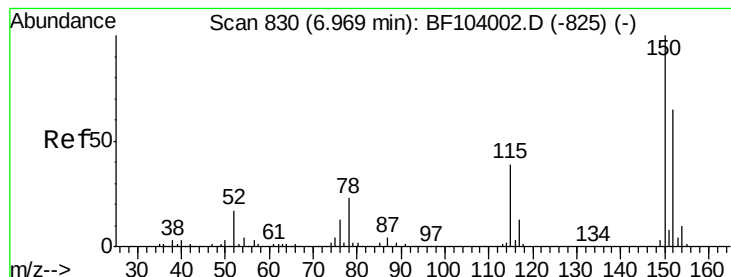
Instrument :
BNA_F
ClientSampled :
PA-03-COMP

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Quant Time: Apr 03 06:41:16 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
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#1

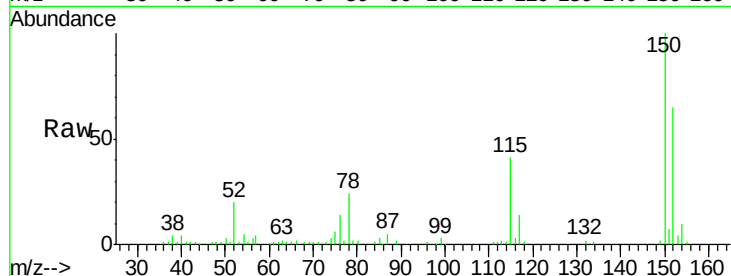
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF104158.D
Acq: 3 Apr 2018 3:57

Instrument :
BNA_F
ClientSampleId :
PA-03-COMP

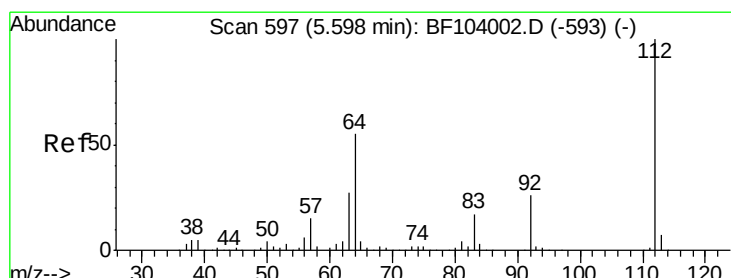
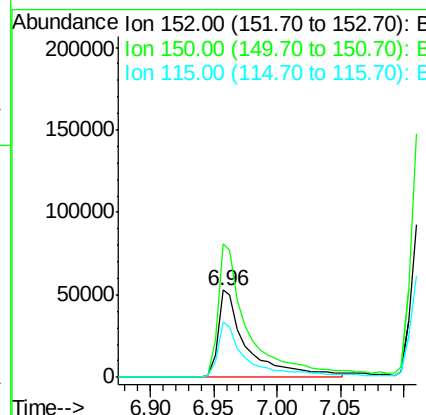
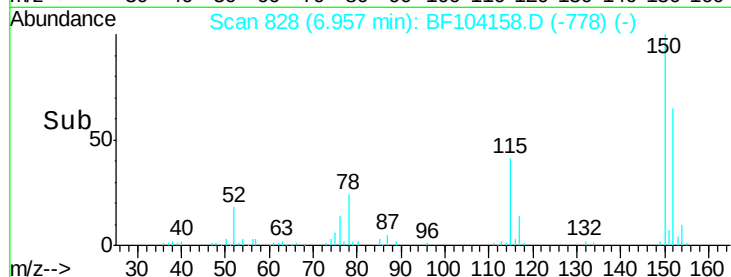
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	124.6	186.8
115	63.1	50.1	75.1

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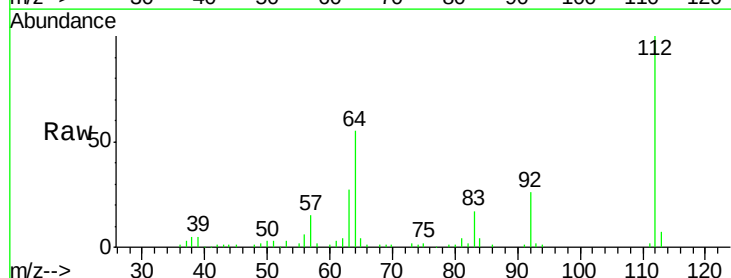
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



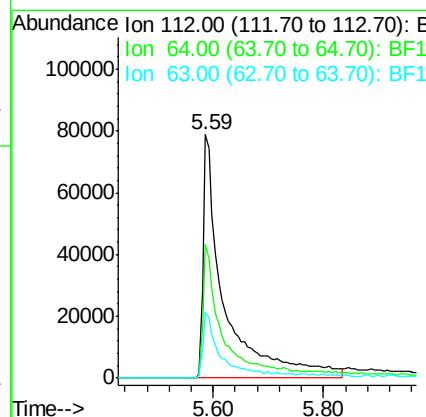
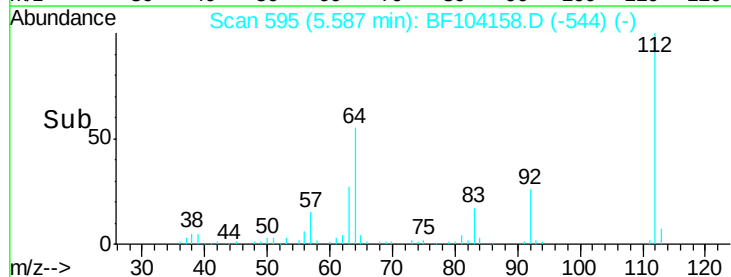
#5

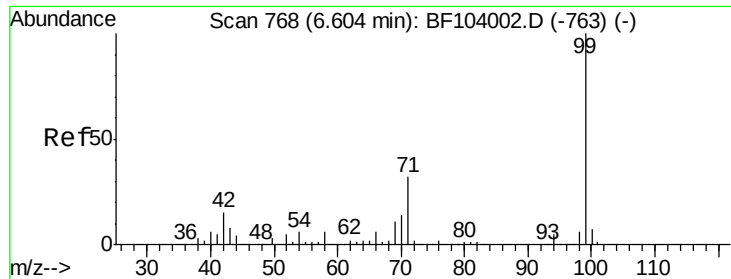
2-Fluorophenol
Concen: 39.433 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.00 min
Lab File: BF104158.D
Acq: 3 Apr 2018 3:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.8	47.9	71.9
63	27.1	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 44.452 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF104158.D

Acq: 3 Apr 2018 3:57

Instrument :

BNA_F

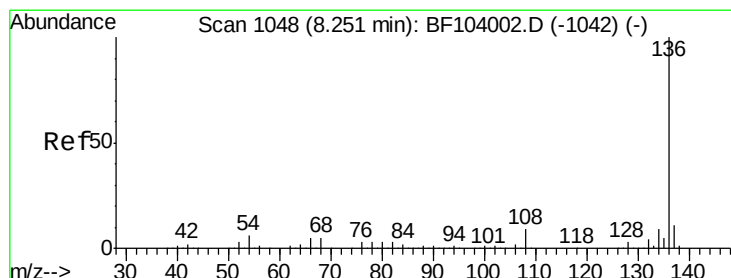
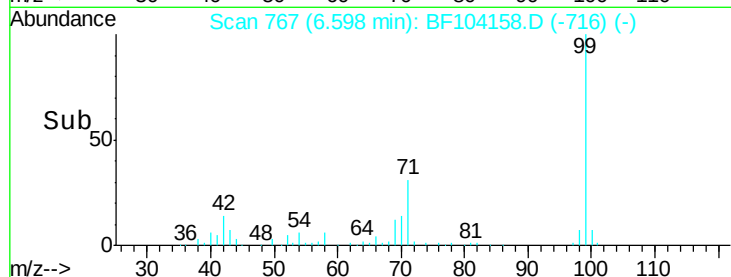
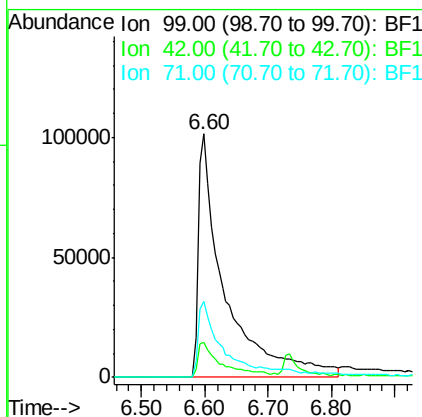
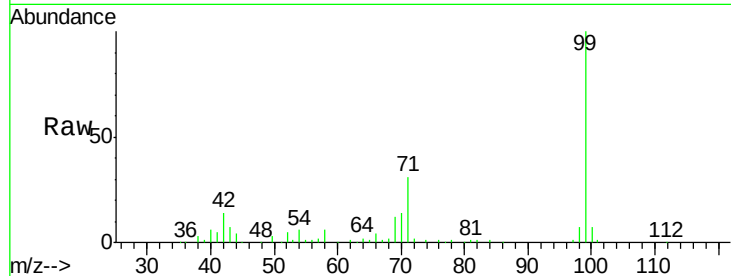
ClientSampleId :

PA-03-COMP

Tot Ion:	99	Resp:	293265
Ion Ratio	Lower	Upper	
99	100		
42	14.3	14.5	21.7#
71	31.4	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

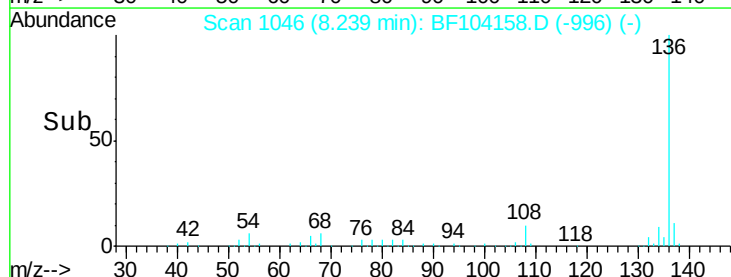
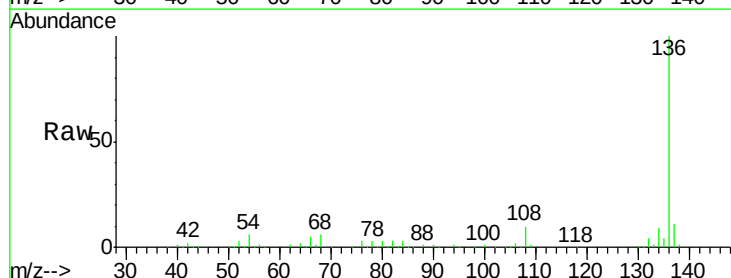
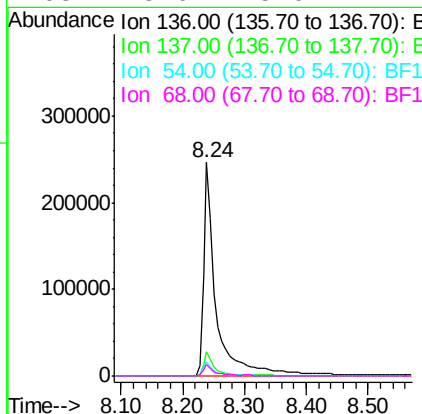
RT: 8.24 min Scan# 1046

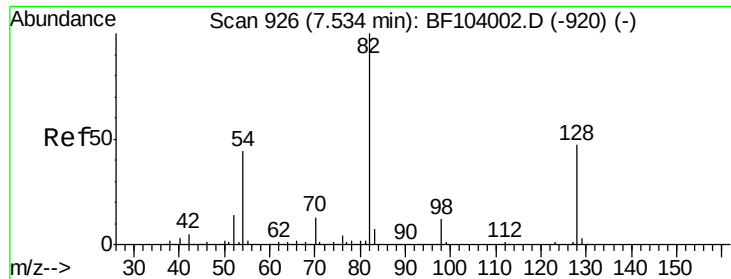
Delta R.T. -0.01 min

Lab File: BF104158.D

Acq: 3 Apr 2018 3:57

Tgt Ion:	136	Resp:	356649
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.9	13.3
54	6.4	6.6	9.8#
68	5.6	5.0	7.4





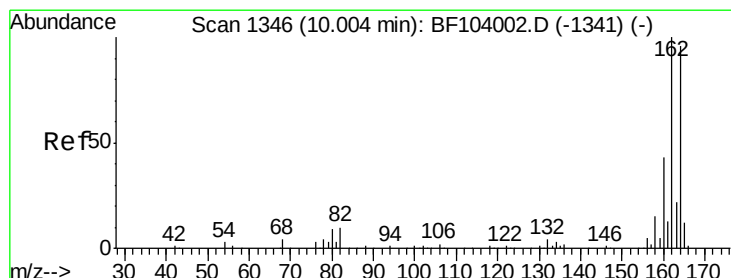
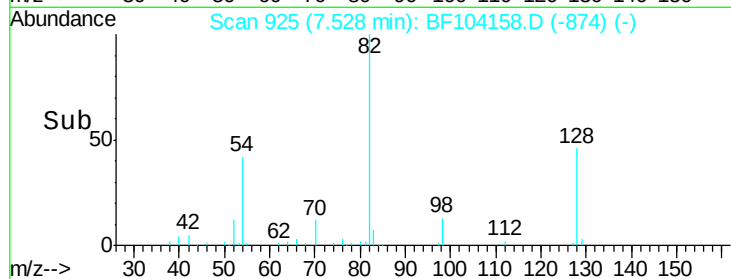
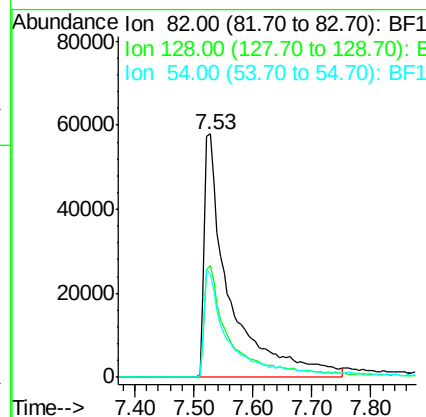
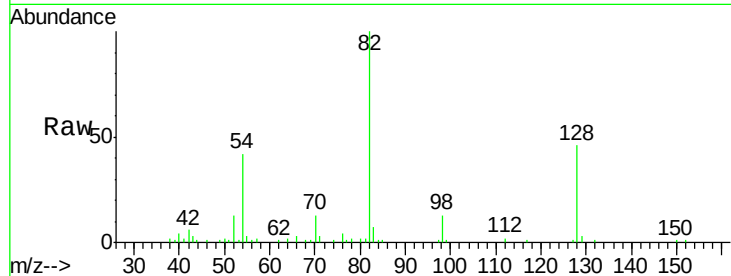
#23
Nitrobenzene-d5
Concen: 29.499 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.00 min
Lab File: BF104158.D
Acq: 3 Apr 2018 3:57

Instrument :
BNA_F
ClientSampleId :
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Tot Ion:	82	Resp:	172031
Ion Ratio	Lower	Upper	
82	100		
128	46.1	36.1	54.1
54	42.3	41.4	62.2

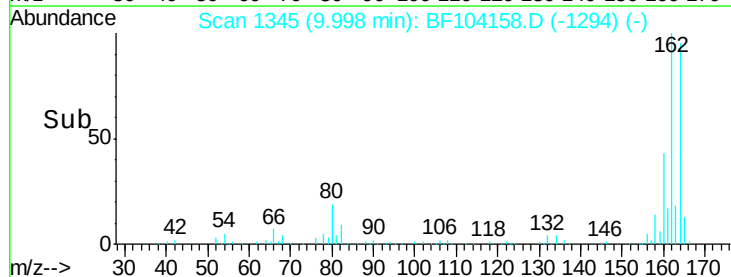
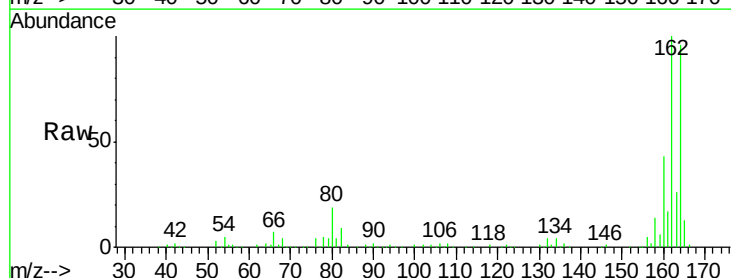
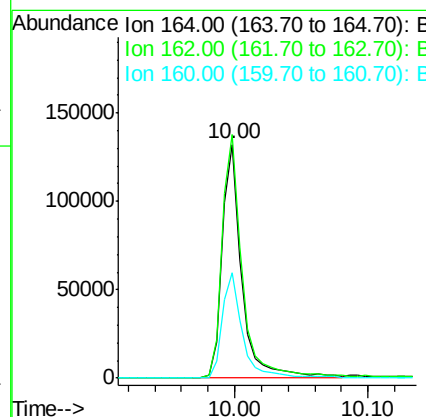
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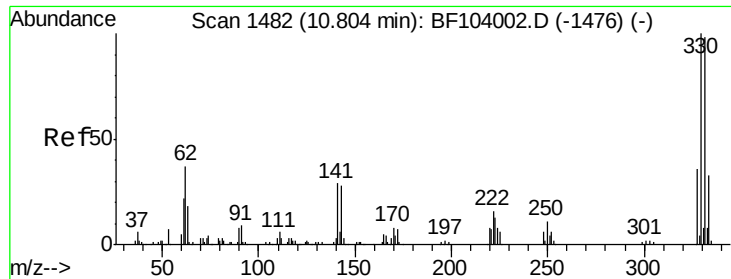
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BF104158.D
Acq: 3 Apr 2018 3:57

Tgt Ion:	164	Resp:	137731
Ion Ratio	Lower	Upper	
164	100		
162	104.1	86.1	129.1
160	44.8	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 37.007 ng

RT: 10.79 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BF104158.D

Acq: 3 Apr 2018 3:57

Instrument :

BNA_F

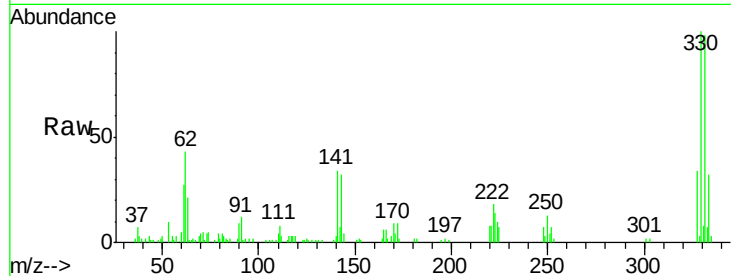
ClientSampled :

PA-03-COMP

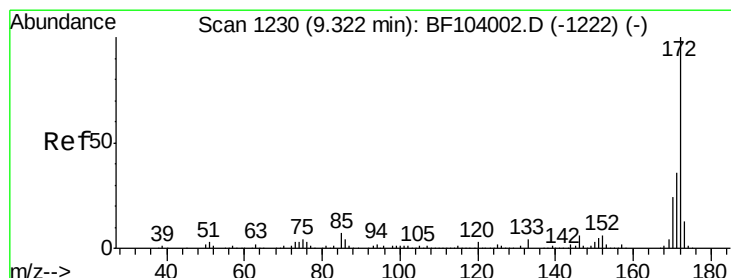
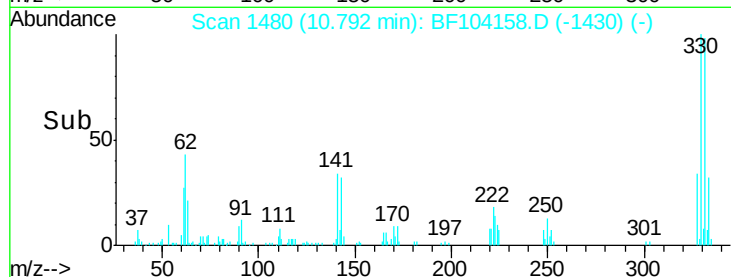
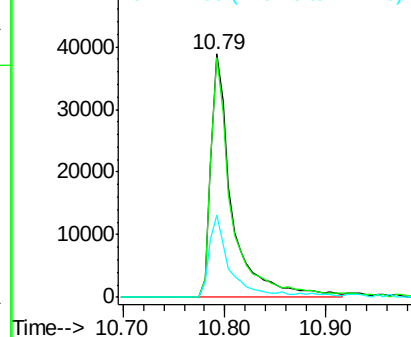
Tot Ion:	330	Resp:	56756
Ion Ratio	Lower	Upper	
330	100		
332	97.9	77.0	115.6
141	32.2	29.9	44.9

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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: 37.289 ng

RT: 9.31 min Scan# 1228

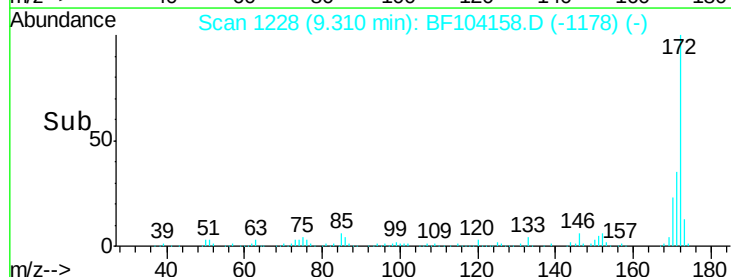
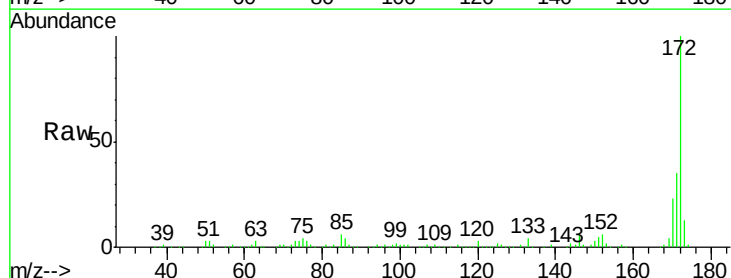
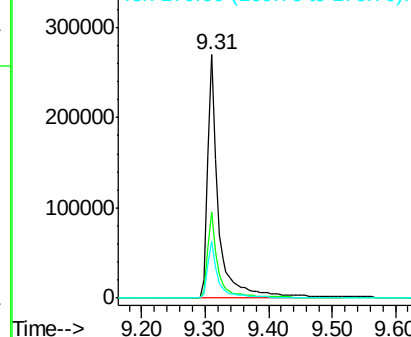
Delta R.T. -0.01 min

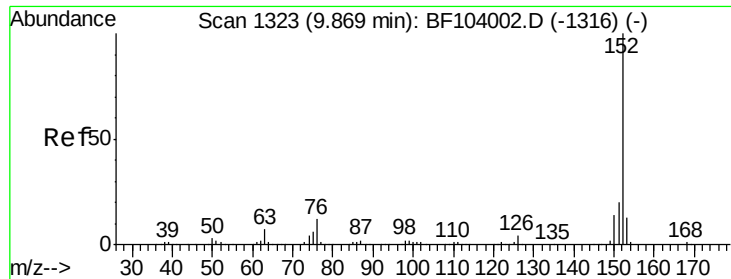
Lab File: BF104158.D

Acq: 3 Apr 2018 3:57

Tgt Ion:	172	Resp:	325691
Ion Ratio	Lower	Upper	
172	100		
171	35.3	29.7	44.5
170	23.3	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





#48

Acenaphthylene

Concen: 2.470 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BF104158.D

Acq: 3 Apr 2018 3:57

Instrument :

BNA_F

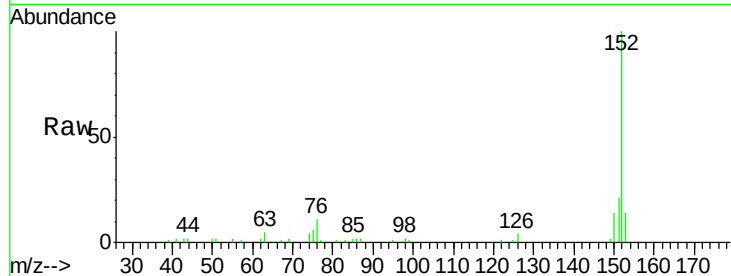
ClientSampleId :

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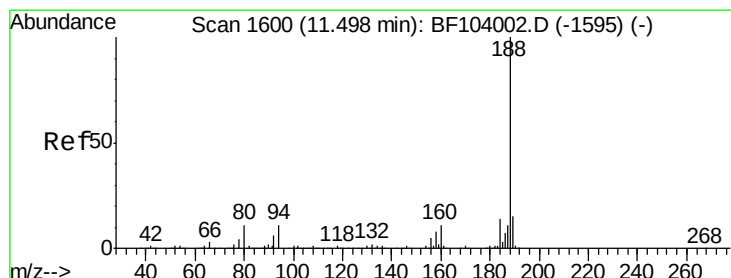
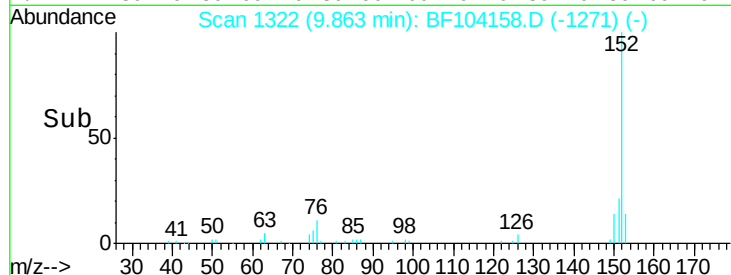
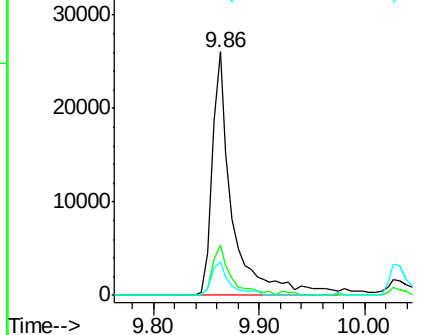
Tot Ion:	152	Resp:	34894
Ion Ratio	Lower	Upper	
152	100		
151	20.5	16.3	24.5
153	13.8	10.7	16.1

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

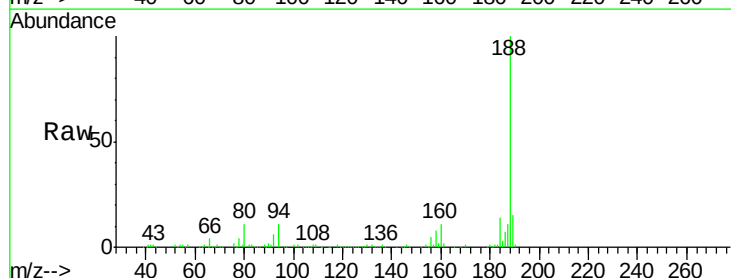
RT: 11.49 min Scan# 1599

Delta R.T. -0.01 min

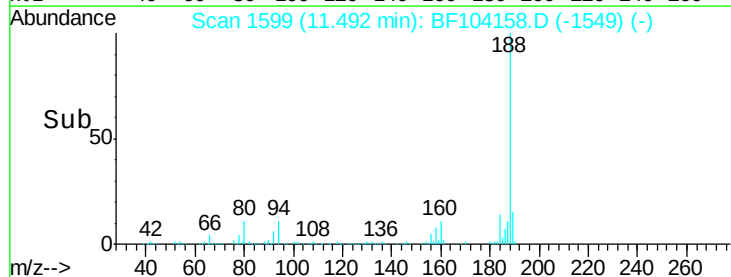
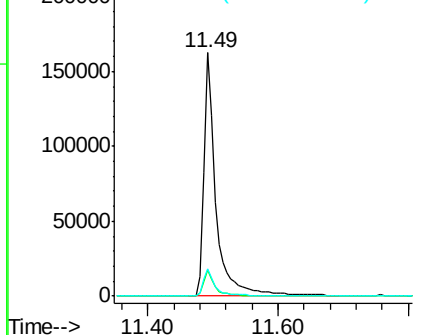
Lab File: BF104158.D

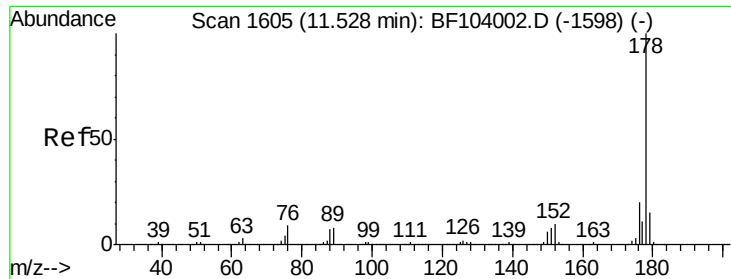
Acq: 3 Apr 2018 3:57

Tgt Ion:	188	Resp:	210505
Ion Ratio	Lower	Upper	
188	100		
94	10.6	8.5	12.7
80	11.2	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





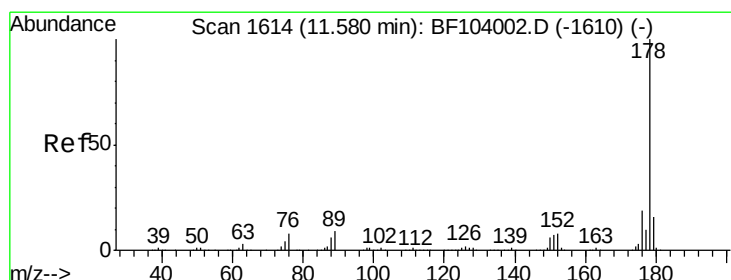
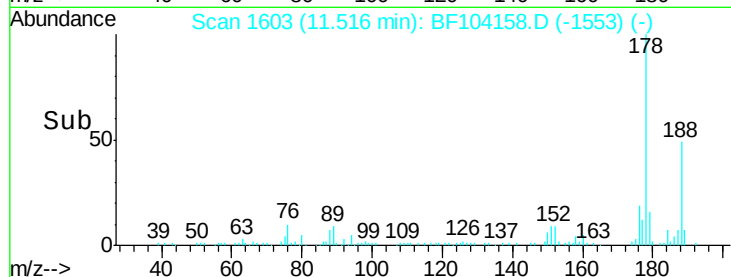
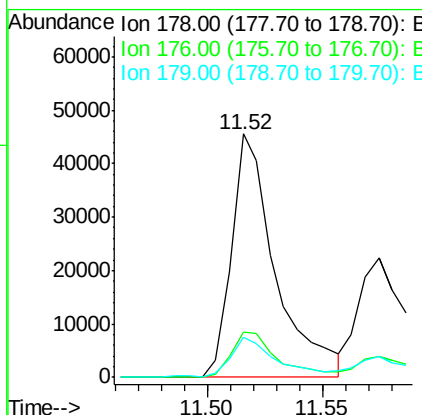
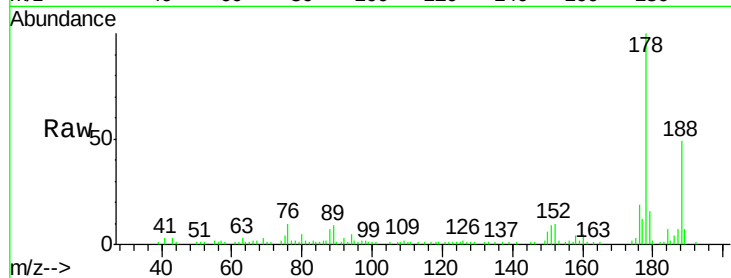
#70
Phenanthrene
Concen: 5.292 ng
RT: 11.52 min Scan# 1603
Delta R.T. -0.01 min
Lab File: BF104158.D
Acq: 3 Apr 2018 3:57

Instrument :
BNA_F
ClientSampleId :
PA-03-COMP

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	16.3	13.0	19.6

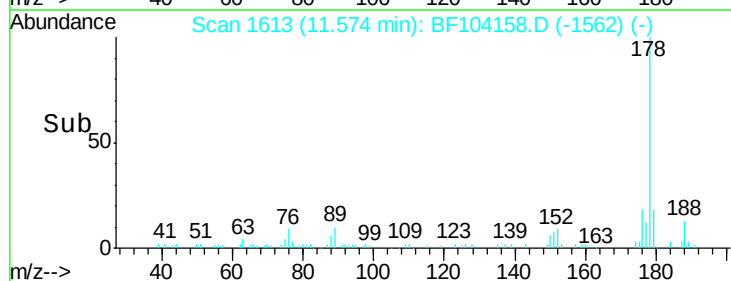
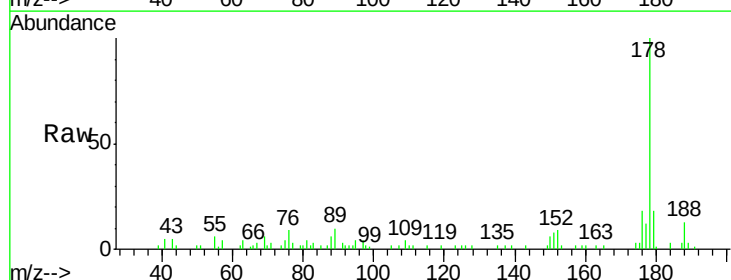
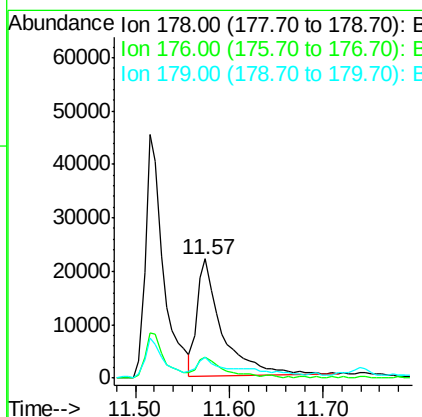
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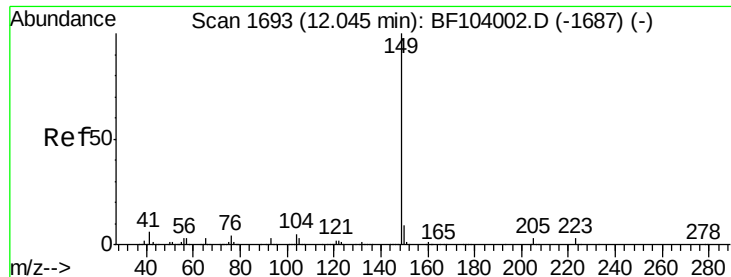
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#71
Anthracene
Concen: 3.485 ng
RT: 11.57 min Scan# 1613
Delta R.T. -0.00 min
Lab File: BF104158.D
Acq: 3 Apr 2018 3:57

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.4	23.2
179	17.5	12.6	19.0





#73

Di-n-butylphthalate

Concen: 2.128 ng

RT: 12.03 min Scan# 1691

Delta R.T. -0.01 min

Lab File: BF104158.D

Acq: 3 Apr 2018 3:57

Instrument :

BNA_F

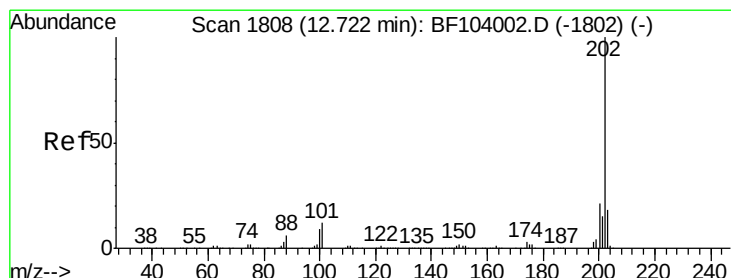
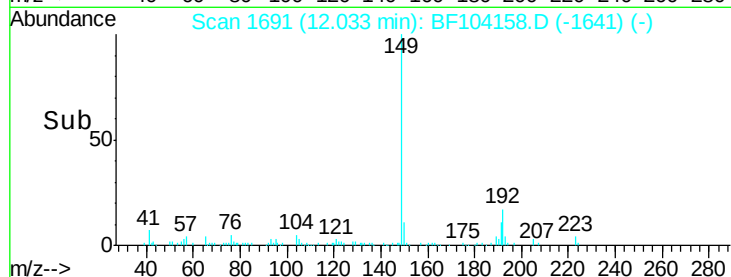
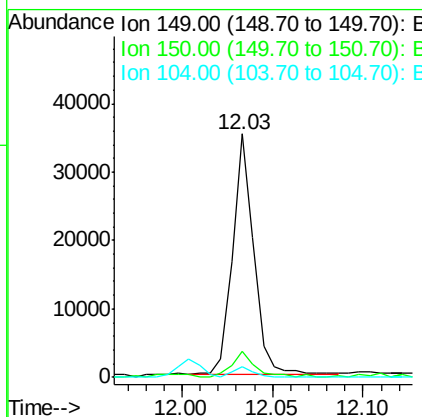
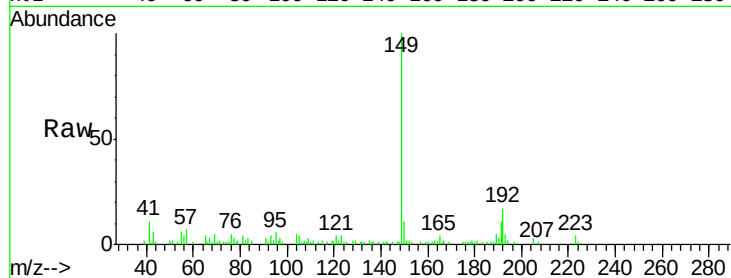
ClientSampleId :

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Tot Ion:	149	Resp:	28799
Ion Ratio	Lower	Upper	
149	100		
150	10.7	7.8	11.6
104	4.5	3.8	5.8

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#74

Fluoranthene

Concen: 25.273 ng

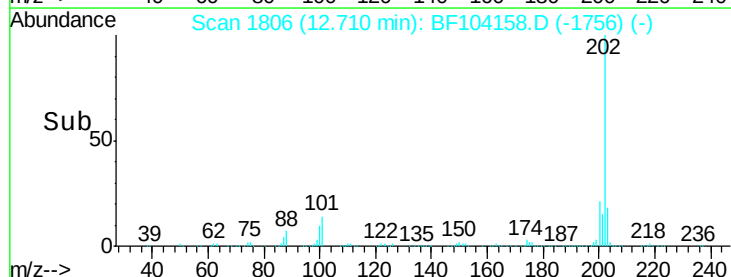
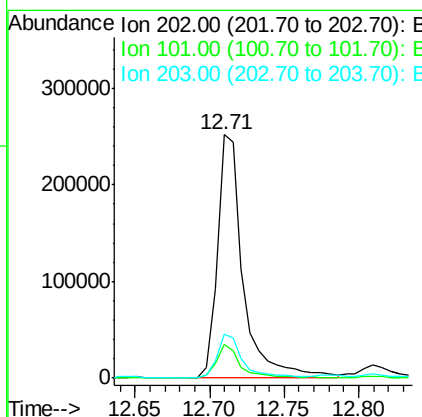
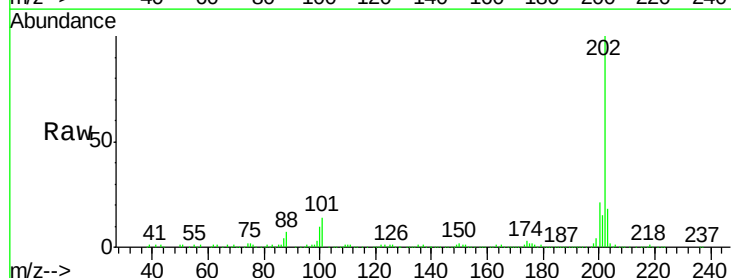
RT: 12.71 min Scan# 1806

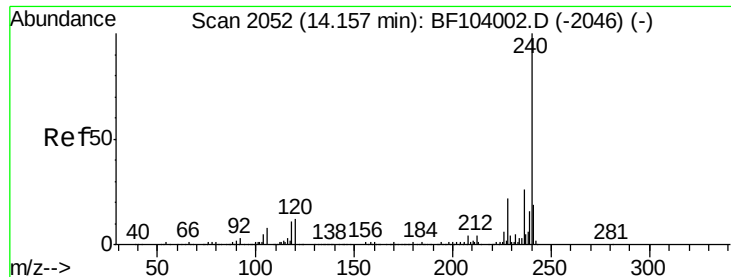
Delta R.T. -0.01 min

Lab File: BF104158.D

Acq: 3 Apr 2018 3:57

Tgt Ion:	202	Resp:	306170
Ion Ratio	Lower	Upper	
202	100		
101	13.9	0.0	34.1
203	17.8	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: BF104158.D

Acq: 3 Apr 2018 3:57

Instrument :

BNA_F

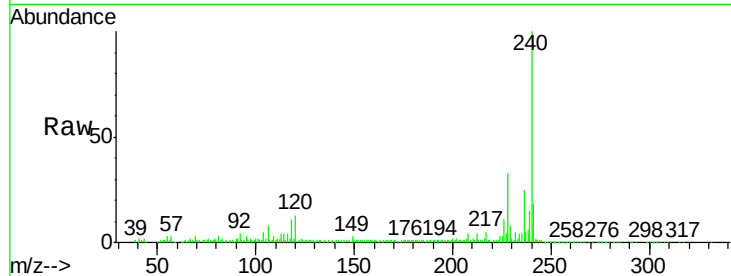
ClientSampleId :

PA-03-COMP

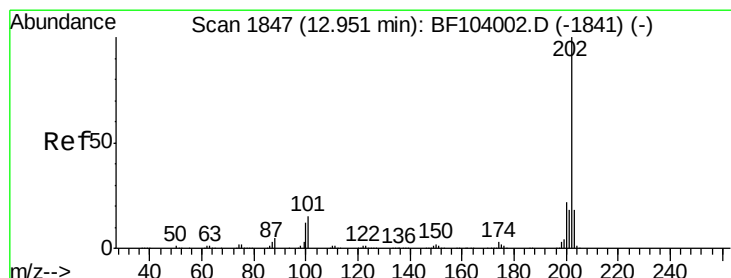
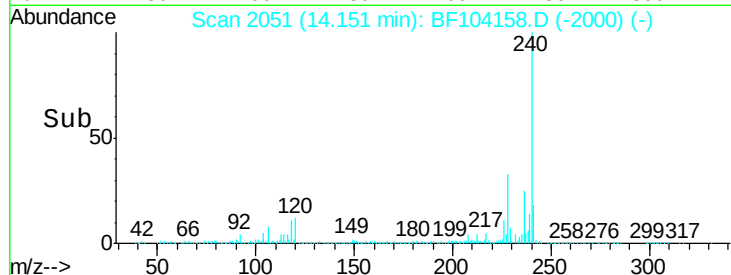
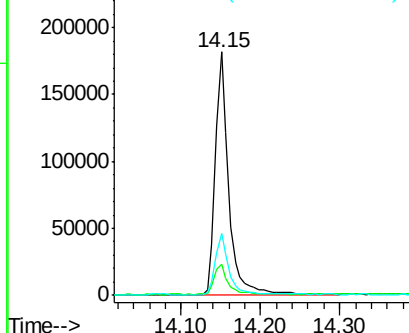
Tot Ion:	240	Resp:	214621
Ion Ratio	Lower	Upper	
240	100		
120	12.6	9.5	14.3
236	25.2	20.7	31.1

Manual Integrations
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 16.991 ng

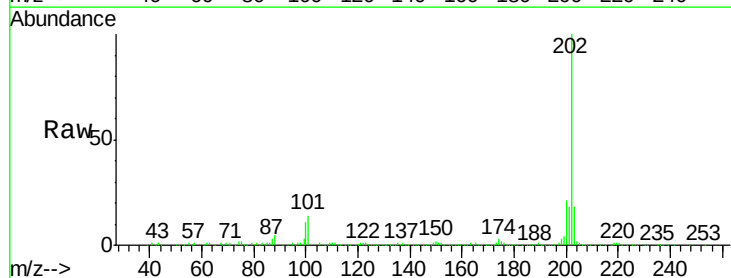
RT: 12.94 min Scan# 1846

Delta R.T. -0.00 min

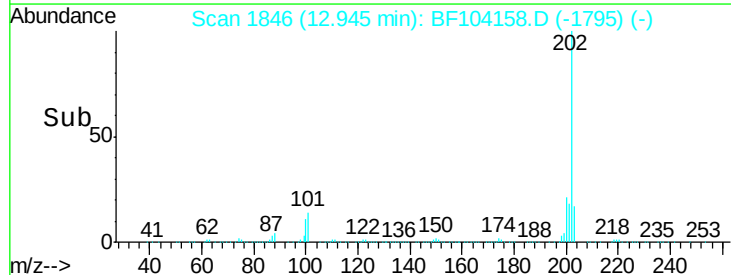
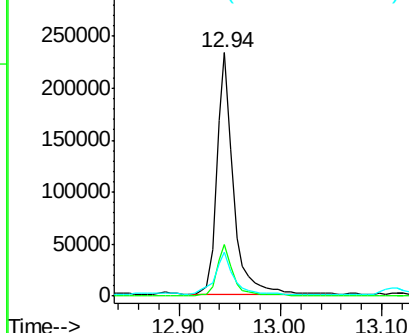
Lab File: BF104158.D

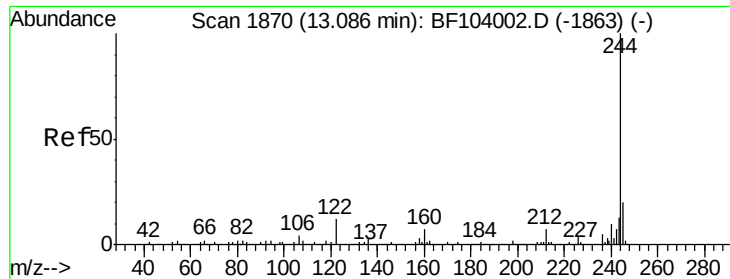
Acq: 3 Apr 2018 3:57

Tgt Ion:	202	Resp:	262145
Ion Ratio	Lower	Upper	
202	100		
200	21.4	17.4	26.2
203	17.9	14.3	21.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 26.016 ng

RT: 13.07 min Scan# 1868

Delta R.T. -0.01 min

Lab File: BF104158.D

Acq: 3 Apr 2018 3:57

Instrument :

BNA_F

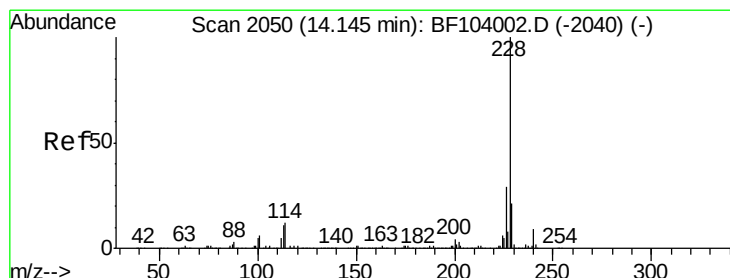
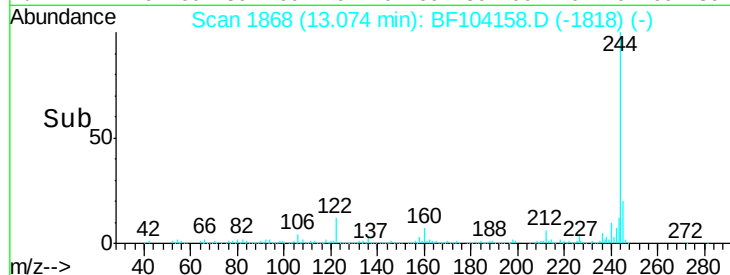
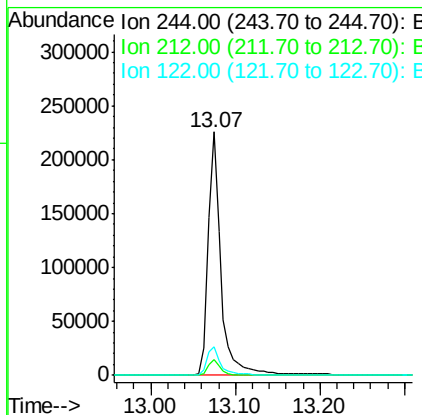
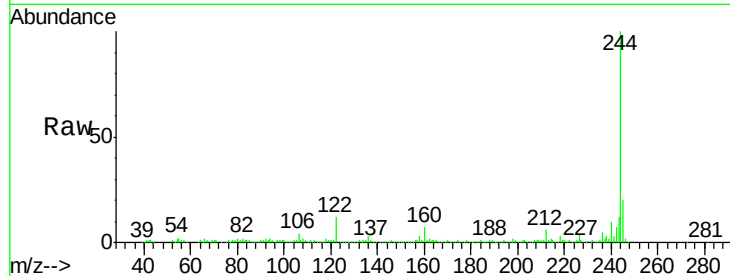
ClientSampleId :

PA-03-COMP

Tot Ion:	244	Resp:	241821
Ion Ratio	Lower	Upper	
244	100		
212	6.4	5.4	8.0
122	11.7	11.0	16.4

Manual Integrations
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#80

Benzo(a)anthracene

Concen: 14.997 ng

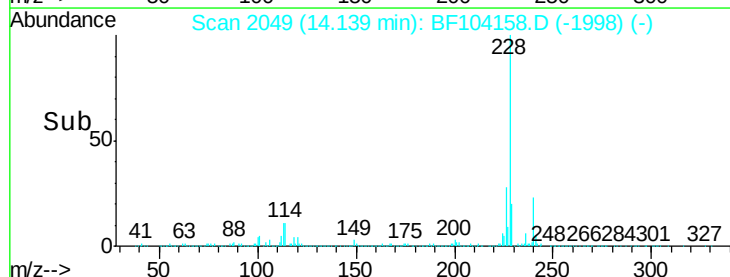
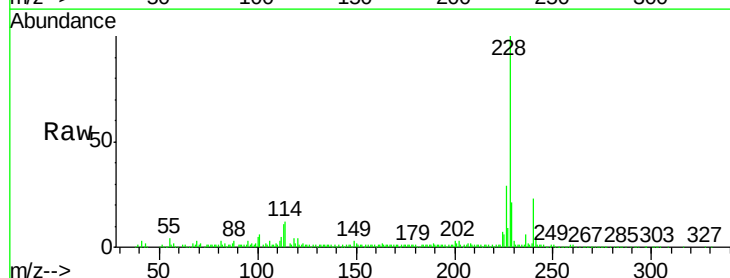
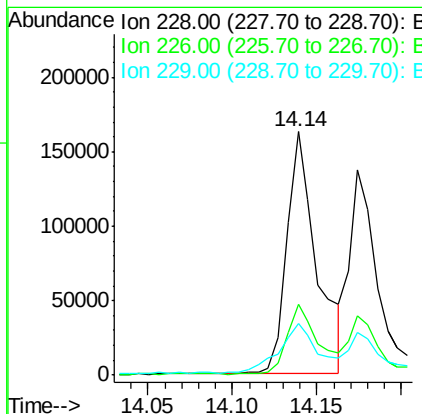
RT: 14.14 min Scan# 2049

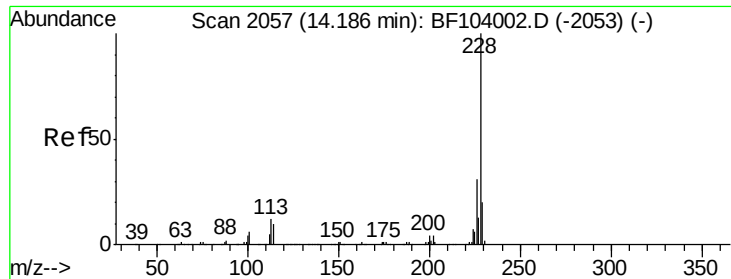
Delta R.T. -0.00 min

Lab File: BF104158.D

Acq: 3 Apr 2018 3:57

Tgt Ion:	228	Resp:	201404
Ion Ratio	Lower	Upper	
228	100		
226	28.9	22.6	33.8
229	21.1	15.8	23.6





#82

Chrysene

Concen: 12.455 ng

RT: 14.17 min Scan# 2055

Delta R.T. -0.01 min

Lab File: BF104158.D

Acq: 3 Apr 2018 3:57

Instrument :

BNA_F

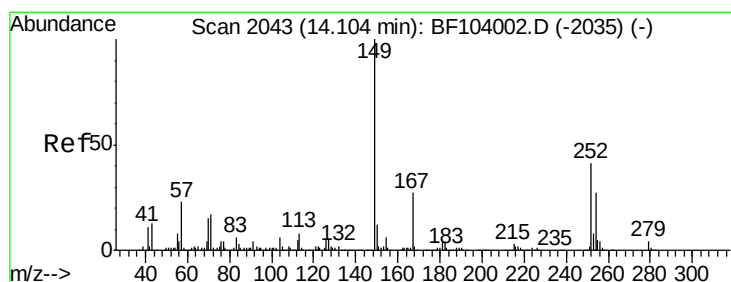
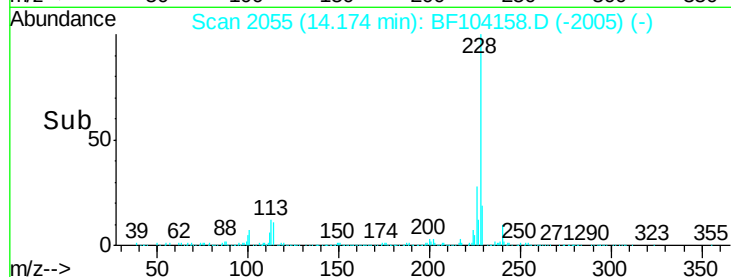
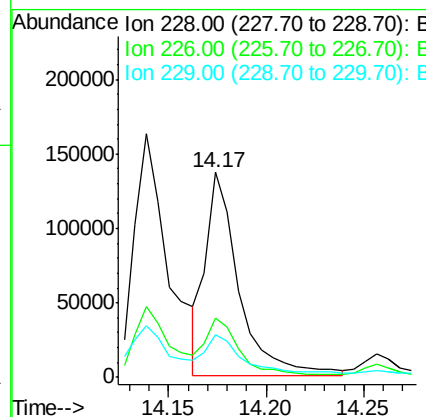
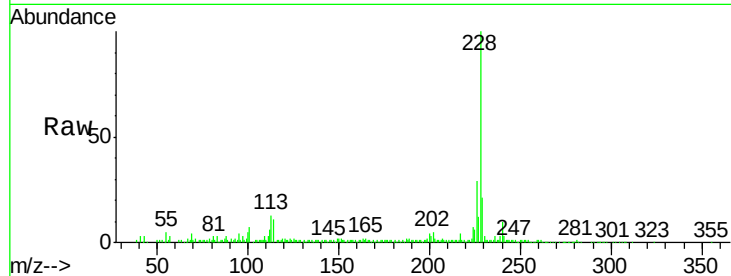
ClientSampleId :

PA-03-COMP

Tot Ion:	228	Resp:	163824
Ion Ratio	Lower	Upper	
228	100		
226	28.9	25.0	37.6
229	20.6	16.2	24.4

Manual Integrations
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#83

Bis(2-ethylhexyl)phthalate

Concen: 51.290 ng

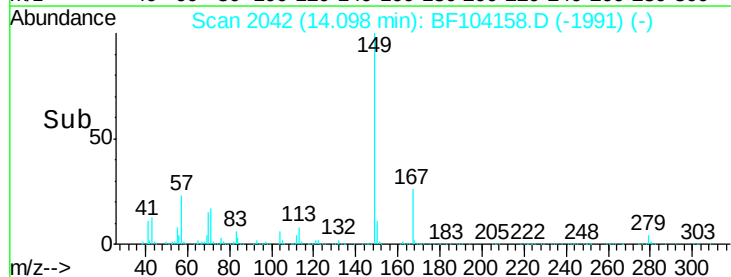
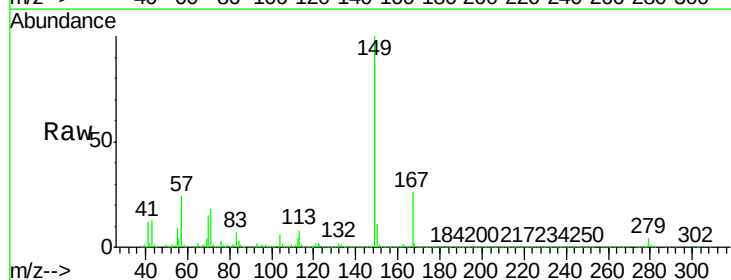
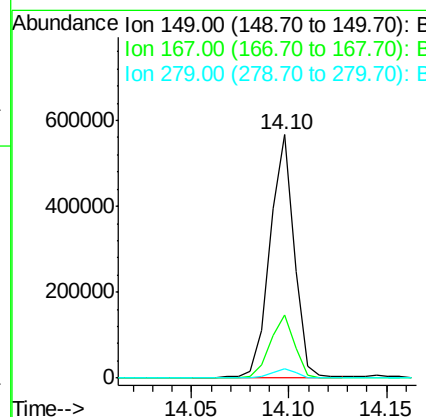
RT: 14.10 min Scan# 2042

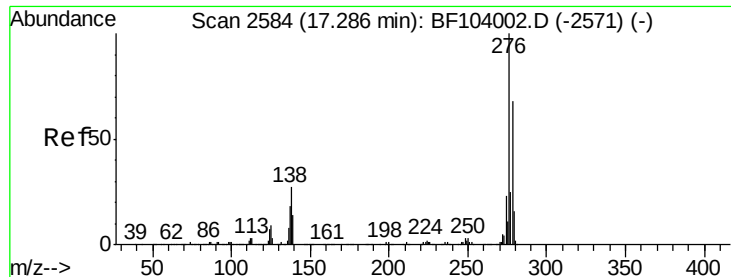
Delta R.T. -0.00 min

Lab File: BF104158.D

Acq: 3 Apr 2018 3:57

Tgt Ion:	149	Resp:	481691
Ion Ratio	Lower	Upper	
149	100		
167	26.0	21.3	31.9
279	3.9	3.0	4.4





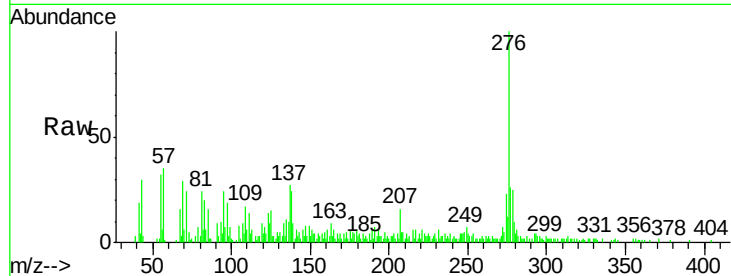
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 4.707 ng
 RT: 17.29 min Scan# 2584
 Delta R.T. -0.00 min
 Lab File: BF104158.D
 Acq: 3 Apr 2018 3:57

Instrument :
 BNA_F
 ClientSampleId :
 PA-03-COMP

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.9	25.0	37.6#
277	20.6	20.1	30.1

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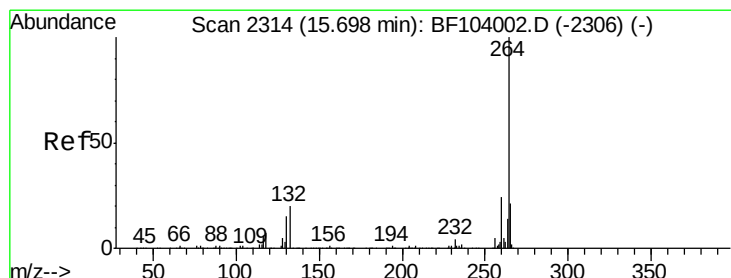
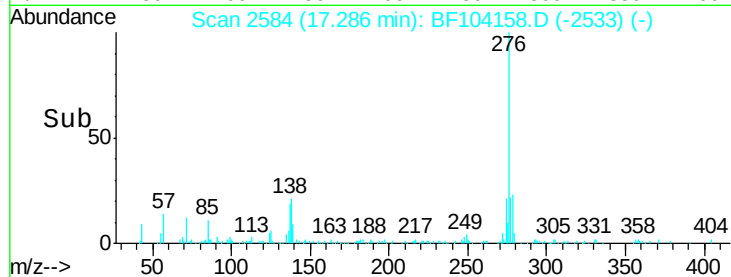
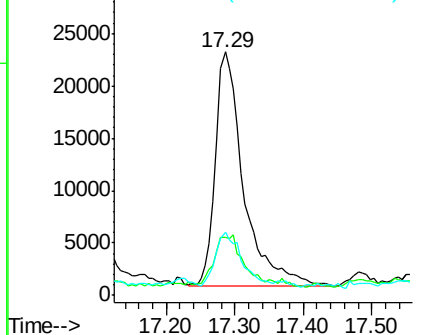


Abundance

Ion 276.00 (275.70 to 276.70): E

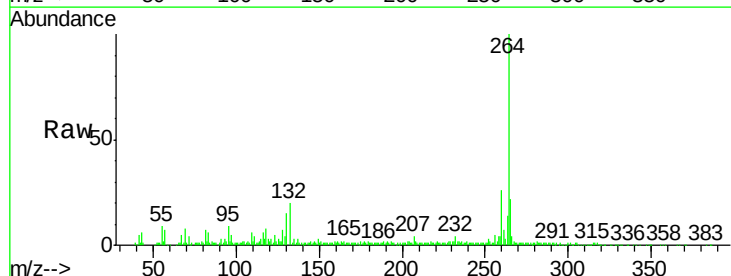
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2314
 Delta R.T. 0.01 min
 Lab File: BF104158.D
 Acq: 3 Apr 2018 3:57

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.7	19.2	28.8
265	21.9	17.5	26.3

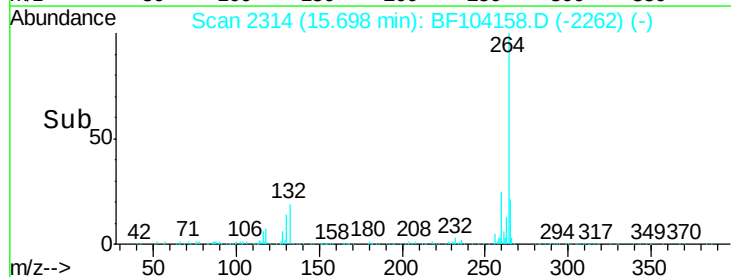
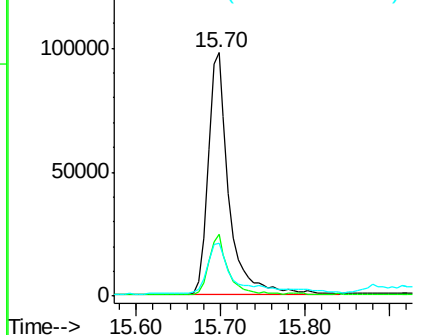


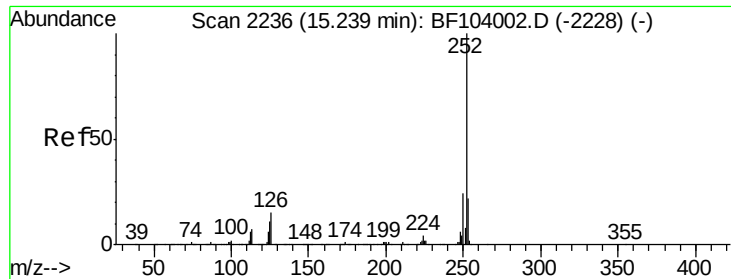
Abundance

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





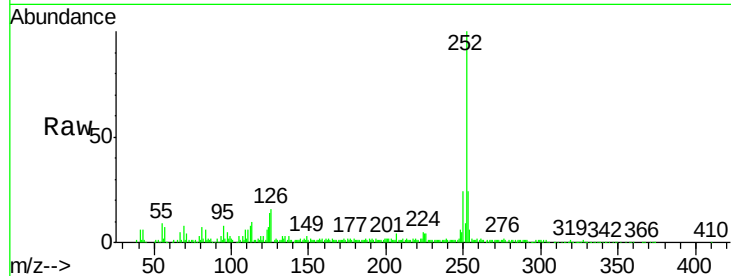
#87
Benzo(b)fluoranthene
Concen: 18.362 ng m
RT: 15.23 min Scan# 2235
Delta R.T. -0.00 min
Lab File: BF104158.D
Acq: 3 Apr 2018 3:57

Instrument :
BNA_F
ClientSampleId :
PA-03-COMP

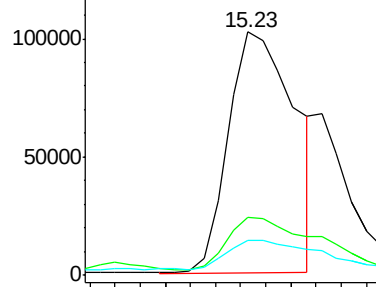
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.0	25.6
125	14.1	9.0	13.6

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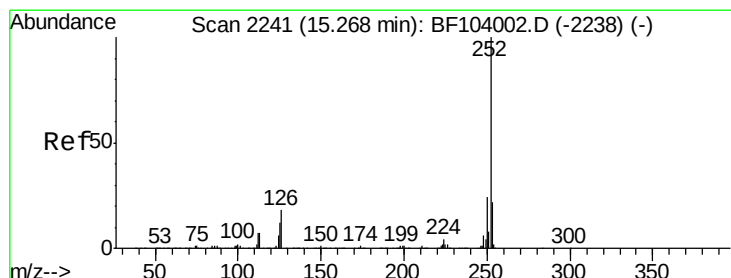
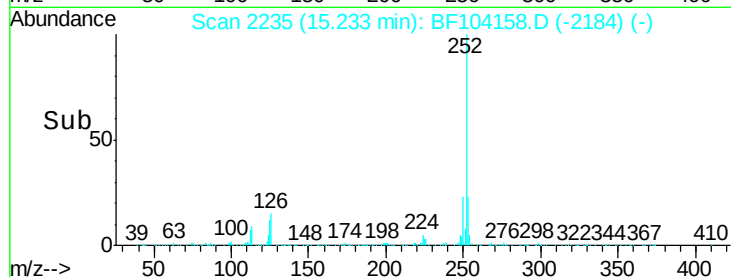
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

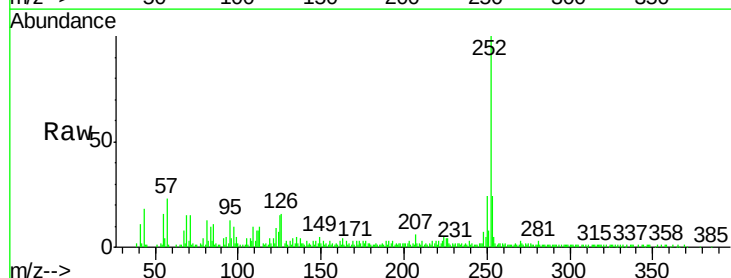


Time-->

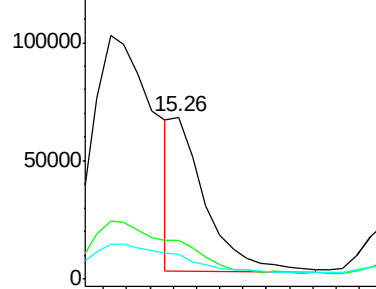


#88
Benzo(k)fluoranthene
Concen: 6.757 ng m
RT: 15.26 min Scan# 2240
Delta R.T. -0.00 min
Lab File: BF104158.D
Acq: 3 Apr 2018 3:57

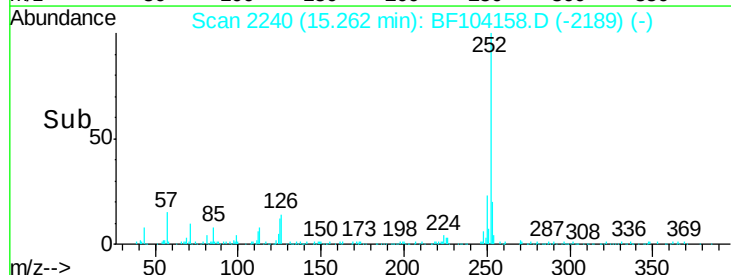
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.9	26.9
125	15.1	10.2	15.2

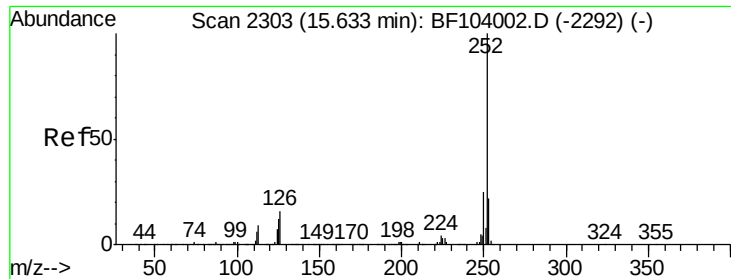


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->





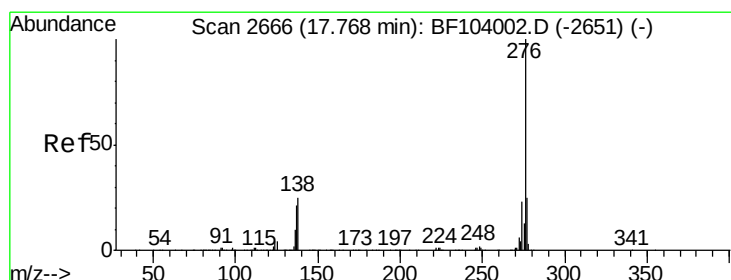
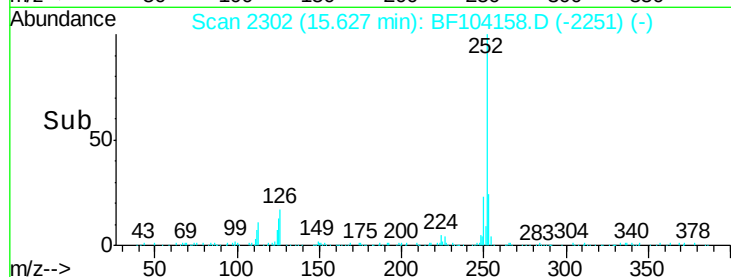
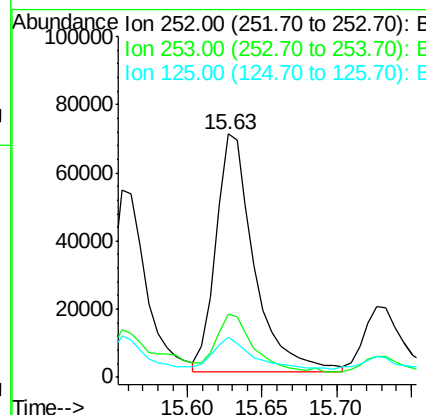
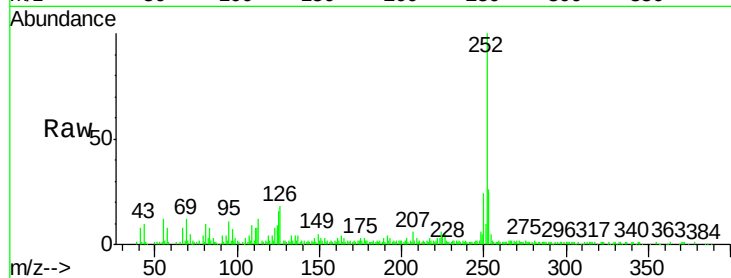
#89
Benzo(a)pyrene
Concen: 13.037 ng
RT: 15.63 min Scan# 2302
Delta R.T. -0.00 min
Lab File: BF104158.D
Acq: 3 Apr 2018 3:57

Instrument :
BNA_F
ClientSampleId :
PA-03-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.1	25.7#
125	16.3	9.8	14.6#

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 6.294 ng
RT: 17.77 min Scan# 2667
Delta R.T. 0.01 min
Lab File: BF104158.D
Acq: 3 Apr 2018 3:57

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.9	17.9	26.9#
138	27.5	21.8	32.8

