

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF040218\
 Data File : BF104161.D
 Acq On : 3 Apr 2018 5:16
 Operator : JU/SJ
 Sample : J2121-12
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PA-07-COMP

Manual Integrations
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Sohil
 4/3/2018 2:28:07 PM

Quant Time: Apr 03 06:53:21 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	72639	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	254238	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	101770	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	203637	20.00	ng	0.00
75) Chrysene-d12	14.15	240	210198	20.00	ng	0.00
86) Perylene-d12	15.70	264	134304	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	342568	75.21	ng	0.02
7) Phenol-d6	6.60	99	397997	71.02	ng	0.00
23) Nitrobenzene-d5	7.52	82	220586	53.06	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	95780	84.52	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	374340	58.00	ng	0.00
78) Terphenyl-d14	13.08	244	412578	45.32	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.70	163	59632	7.421	ng	Qvalue 100
59) Diethylphthalate	10.41	149	1279934	166.279	ng	98
70) Phenanthrene	11.52	178	39077	3.544	ng	99
73) Di-n-butylphthalate	12.04	149	391848	29.930	ng	99
74) Fluoranthene	12.72	202	131856	11.251	ng	97
77) Pyrene	12.94	202	153937	10.188	ng	98
80) Benzo(a)anthracene	14.14	228	102654m	7.805	ng	
82) Chrysene	14.18	228	78142	6.066	ng	98
83) Bis(2-ethylhexyl)phthalate	14.10	149	869844	94.569	ng	99
85) Indeno(1,2,3-cd)pyrene	17.29	276	28826	2.159	ng	# 91
87) Benzo(b)fluoranthene	15.23	252	88629m	10.843	ng	
88) Benzo(k)fluoranthene	15.26	252	34240m	4.447	ng	
89) Benzo(a)pyrene	15.63	252	61552	8.126	ng	# 85
91) Benzo(a,h,i)perylene	17.77	276	29273	4.173	ng	# 92

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

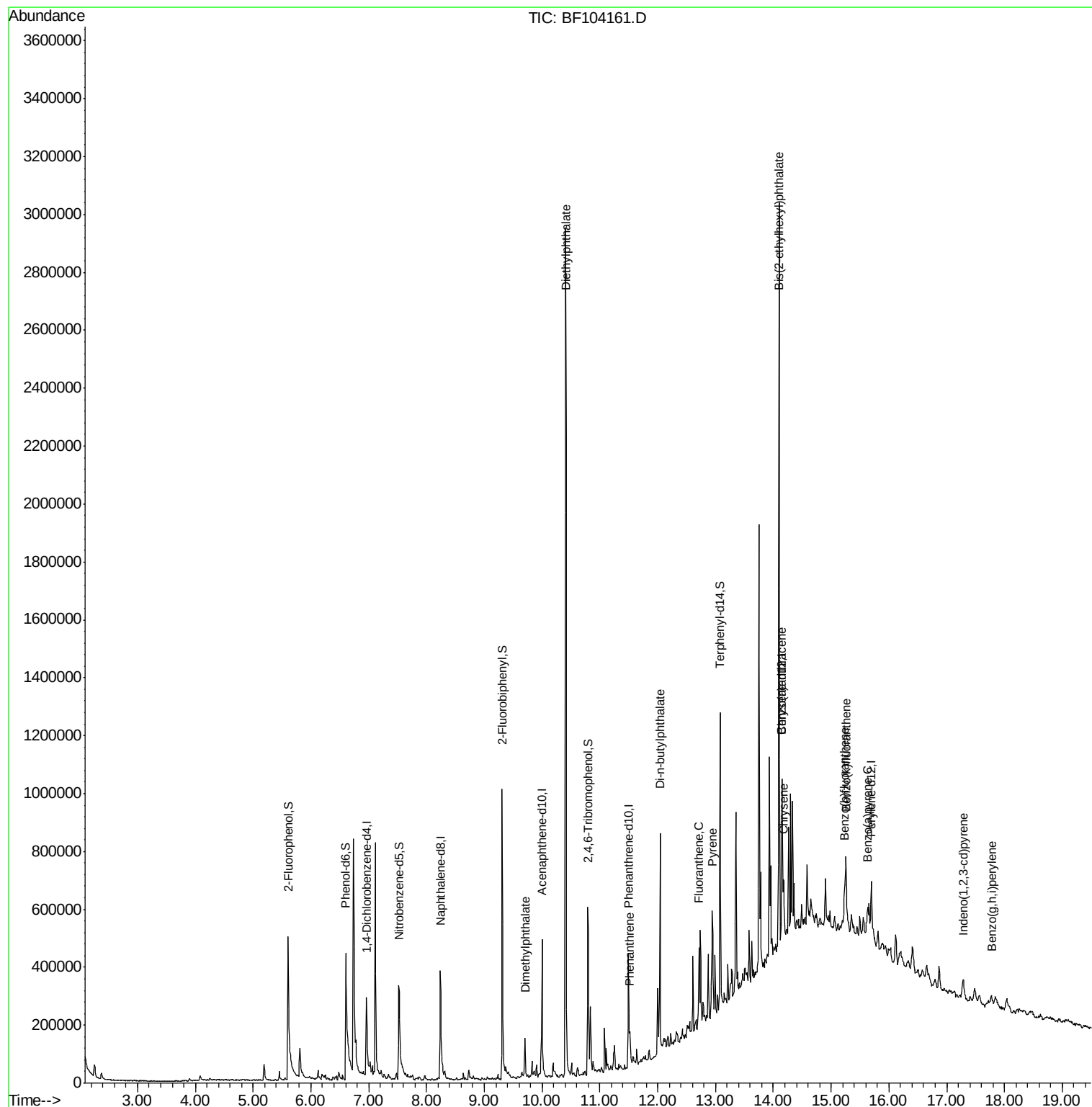
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF040218\
Data File : BF104161.D
Acq On : 3 Apr 2018 5:16
Operator : JU/SJ
Sample : J2121-12
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ALS Vial : 36 Sample Multiplier: 1

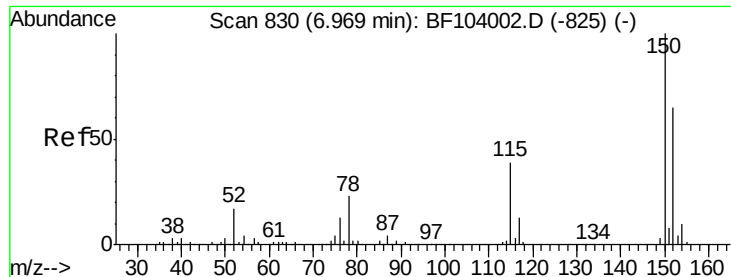
Instrument :
BNA_F
ClientSampleId :
PA-07-COMP

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
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#1

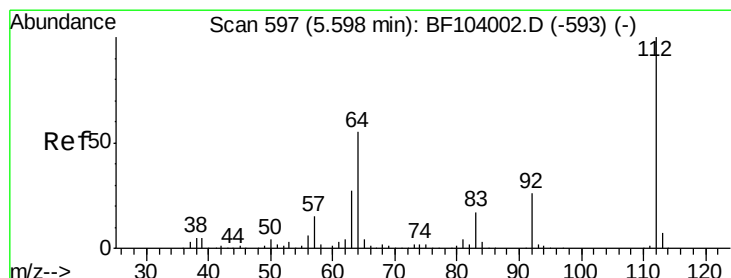
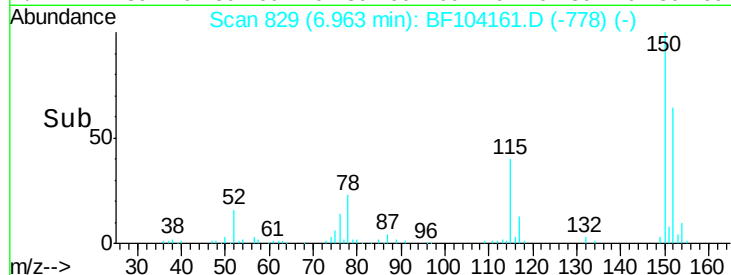
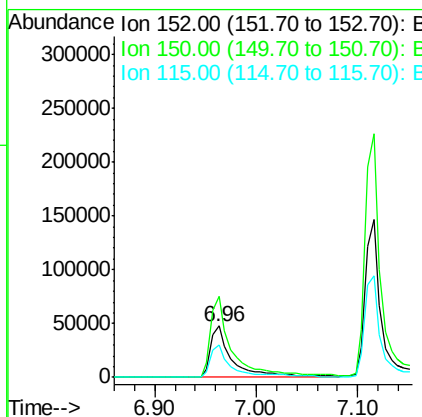
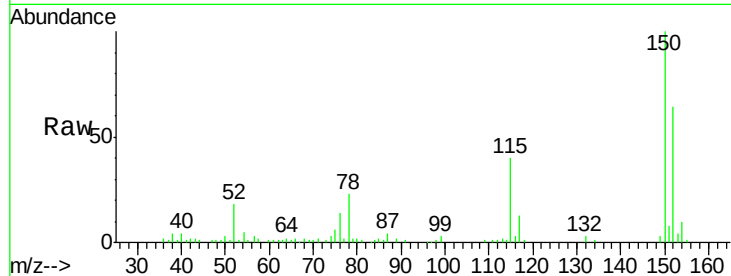
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BF104161.D
Acq: 3 Apr 2018 5:16

Instrument :
BNA_F
ClientSampleId :
PA-07-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.6	186.8
115	63.2	50.1	75.1

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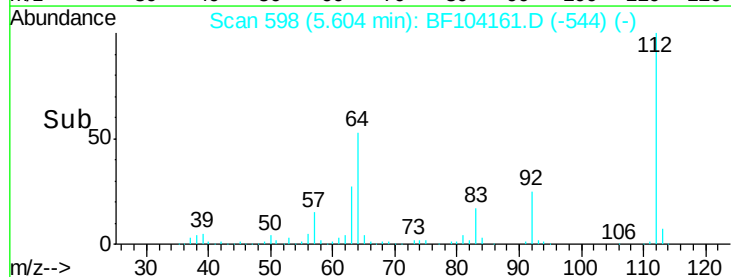
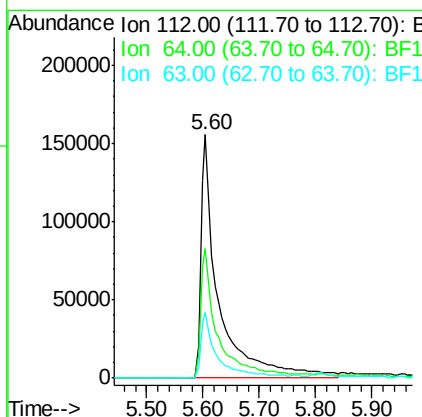
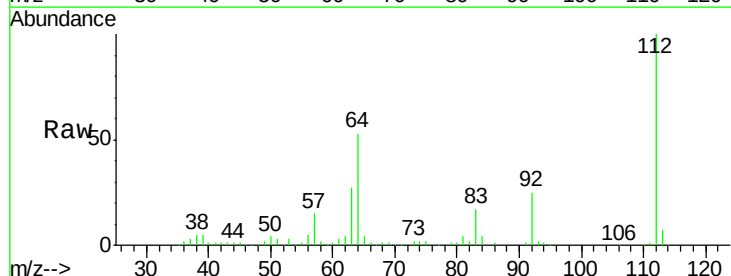
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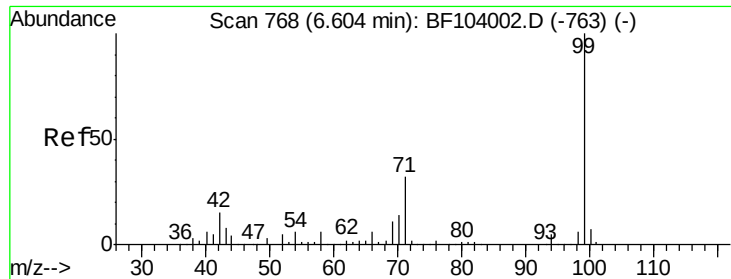


#5

2-Fluorophenol
Concen: 75.209 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.02 min
Lab File: BF104161.D
Acq: 3 Apr 2018 5:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.4	47.9	71.9
63	27.1	23.7	35.5





#7

Phenol-d6

Concen: 71.022 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF104161.D

Acq: 3 Apr 2018 5:16

Instrument :

BNA_F

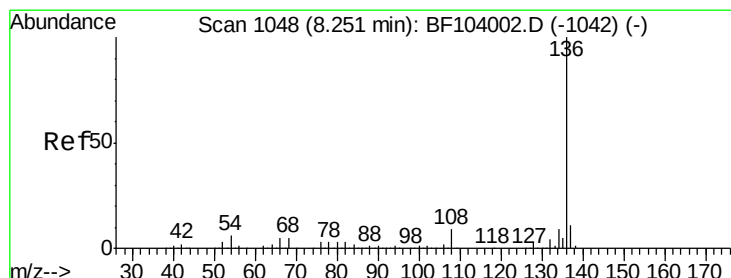
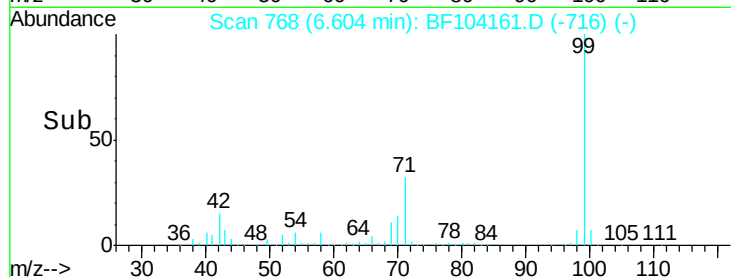
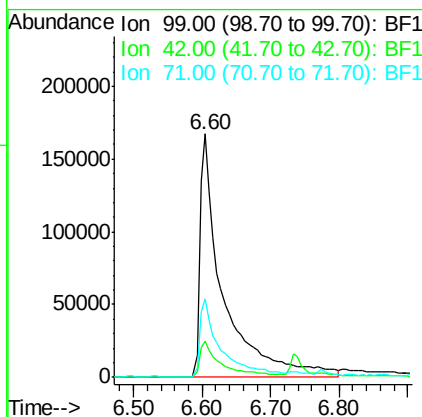
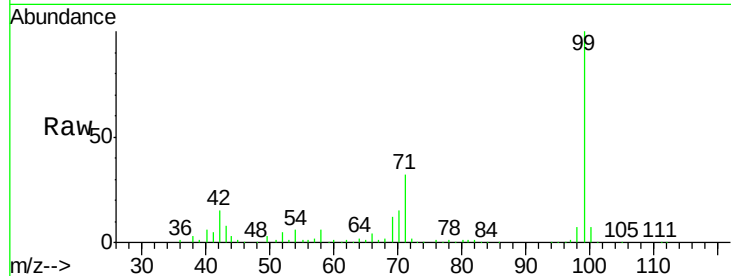
ClientSampleId :

PA-07-COMP

Tot Ion:	99	Resp:	397997
Ion Ratio	Lower	Upper	
99	100		
42	15.0	14.5	21.7
71	32.1	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

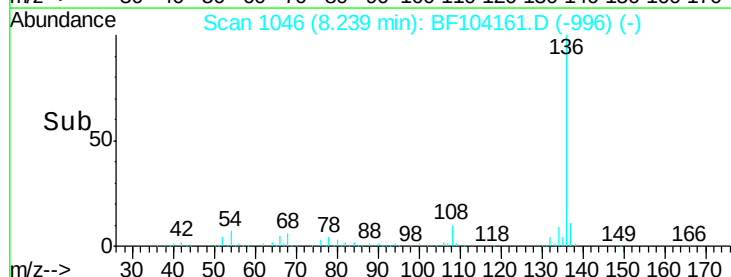
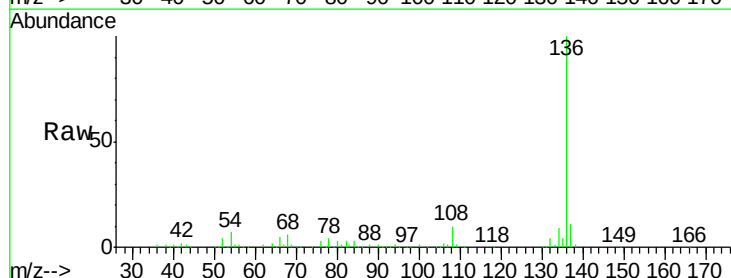
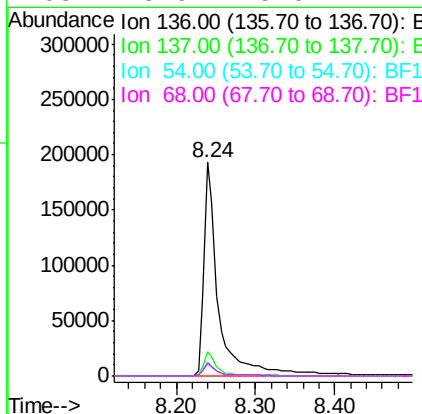
RT: 8.24 min Scan# 1046

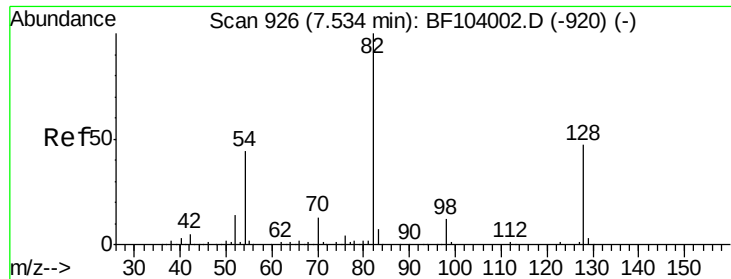
Delta R.T. -0.01 min

Lab File: BF104161.D

Acq: 3 Apr 2018 5:16

Tgt Ion:	136	Resp:	254238
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.9	13.3
54	6.8	6.6	9.8
68	5.9	5.0	7.4





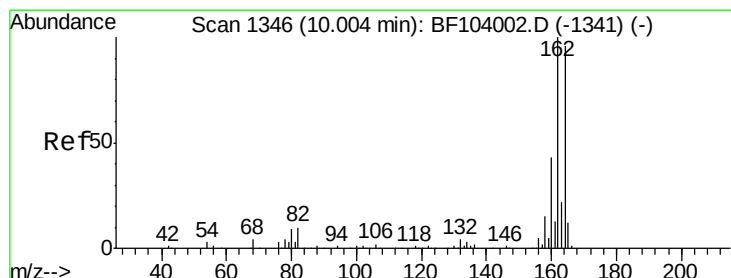
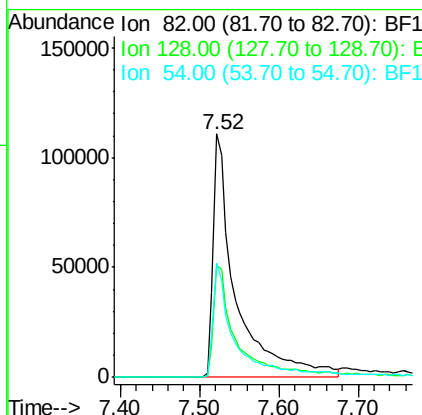
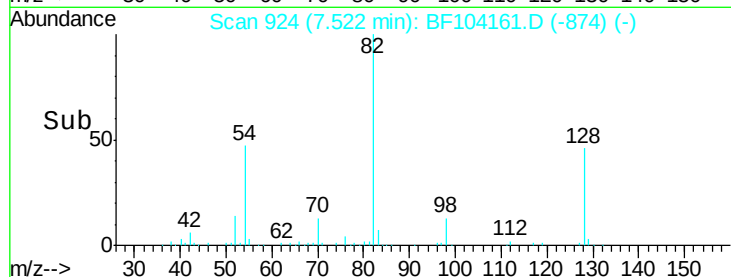
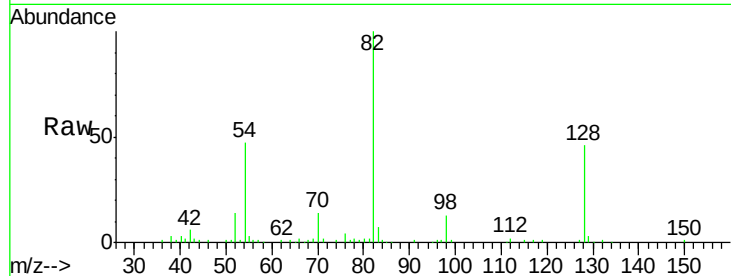
#23
Nitrobenzene-d5
Concen: 53.061 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.01 min
Lab File: BF104161.D
Acq: 3 Apr 2018 5:16

Instrument :
BNA_F
ClientSampleId :
PA-07-COMP

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.9	36.1	54.1	
54	47.0	41.4	62.2	

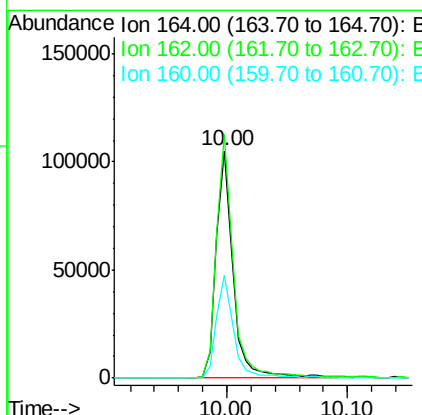
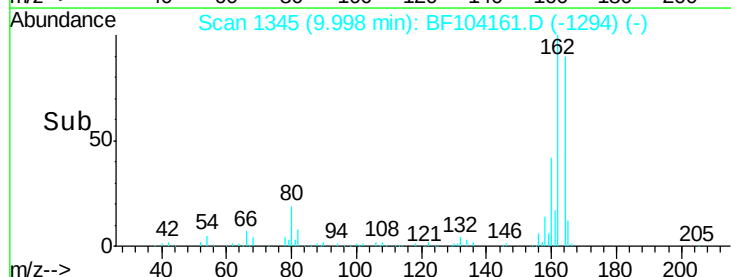
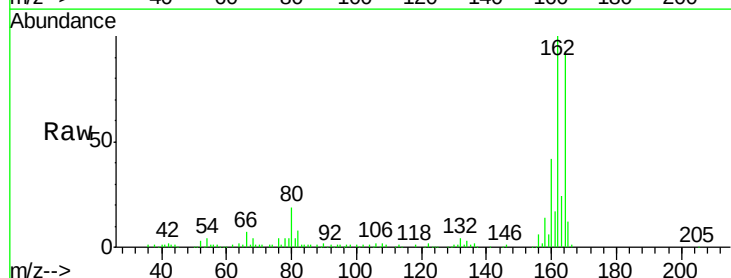
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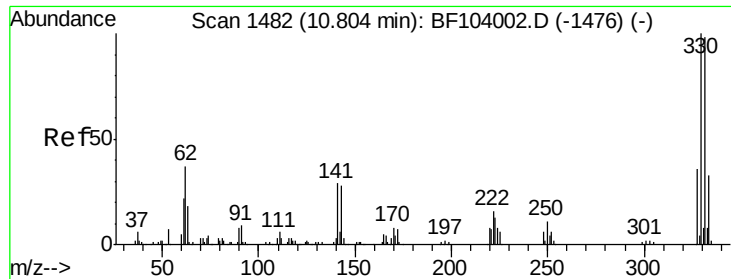
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BF104161.D
Acq: 3 Apr 2018 5:16

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	107.1	86.1	129.1	
160	45.1	38.3	57.5	





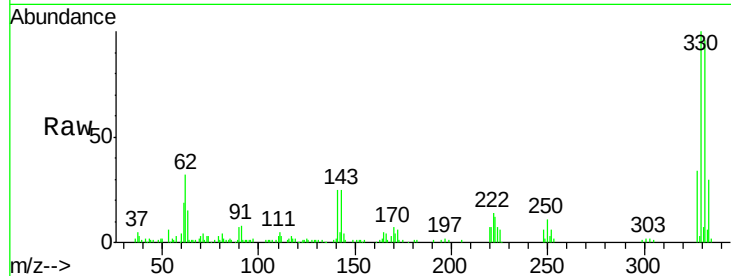
#41
 2,4,6-Tribromophenol
 Concen: 84.521 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: BF104161.D
 Acq: 3 Apr 2018 5:16

Instrument :
 BNA_F
 ClientSampleId :
 PA-07-COMP

Tot Ion	Ratio	Resp	Lower	Upper
330	100	95780		
332	95.6		77.0	115.6
141	33.2		29.9	44.9

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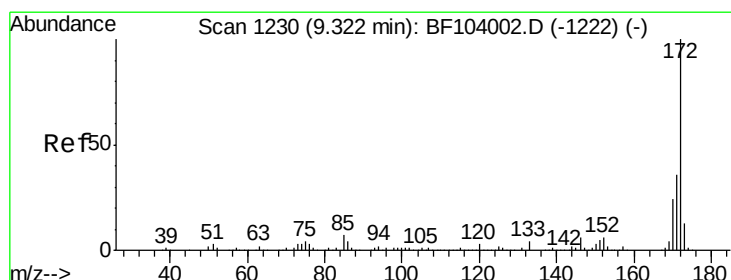
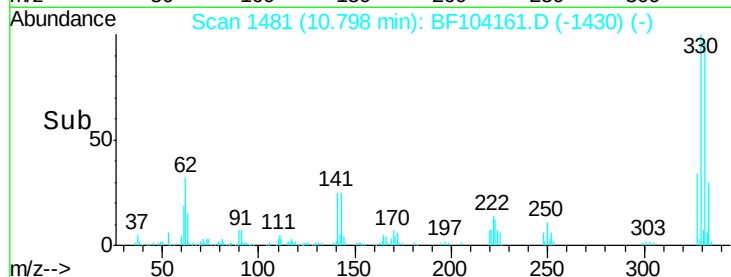
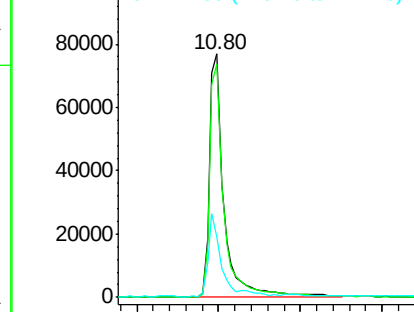


Abundance

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: 58.004 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF104161.D
 Acq: 3 Apr 2018 5:16

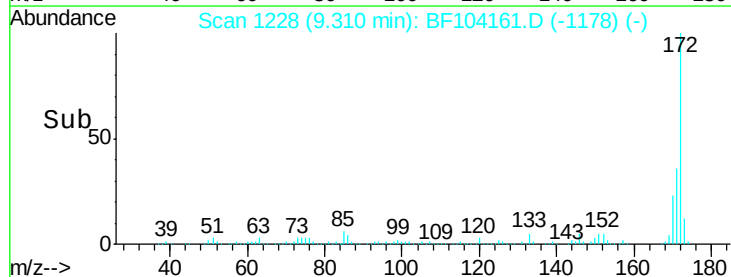
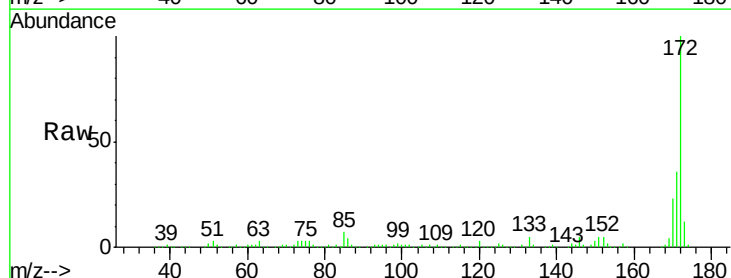
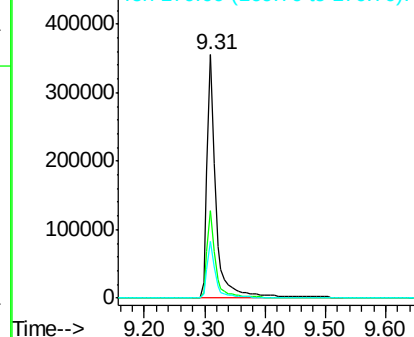
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	374340		
171	35.7		29.7	44.5
170	23.5		19.6	29.4

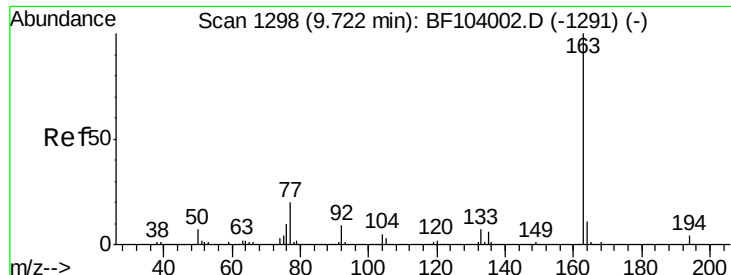
Abundance

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





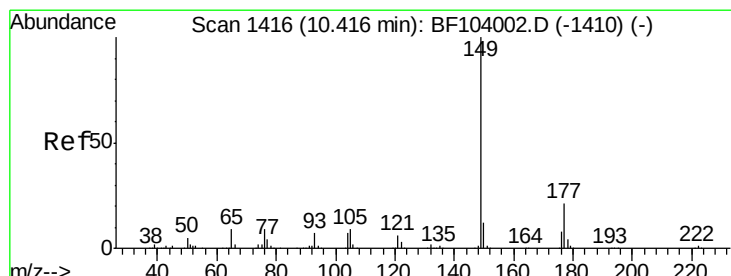
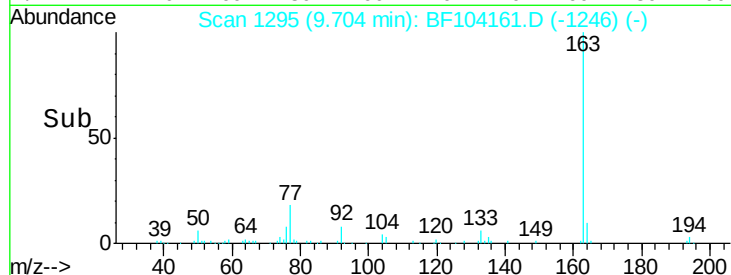
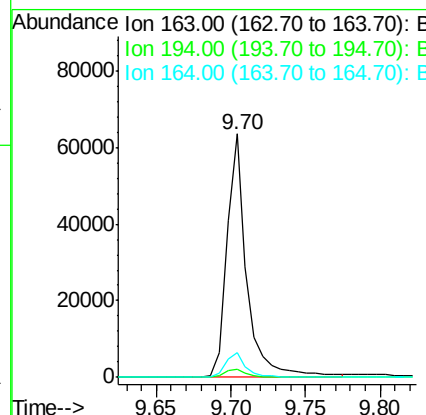
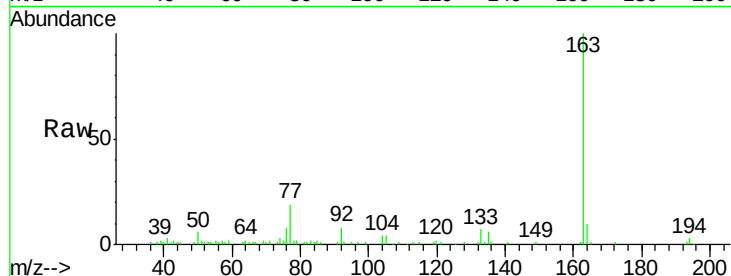
#49
Dimethylphthalate
Concen: 7.421 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF104161.D
Acq: 3 Apr 2018 5:16

Instrument :
BNA_F
ClientSampleId :
PA-07-COMP

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	10.4	8.2	12.2

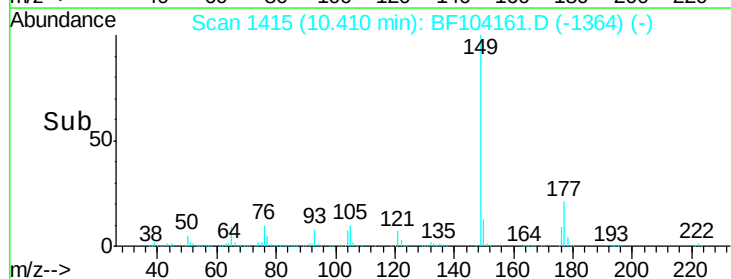
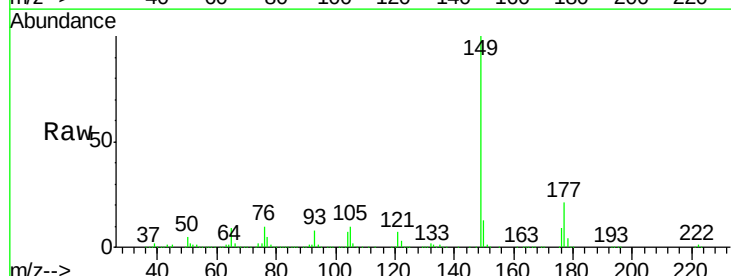
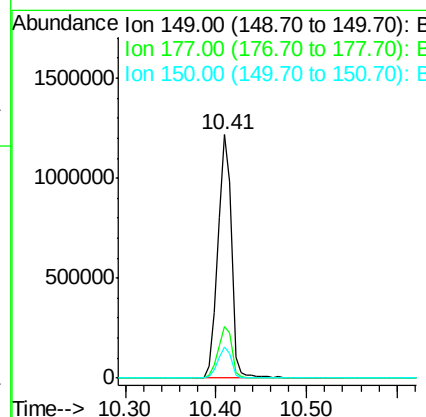
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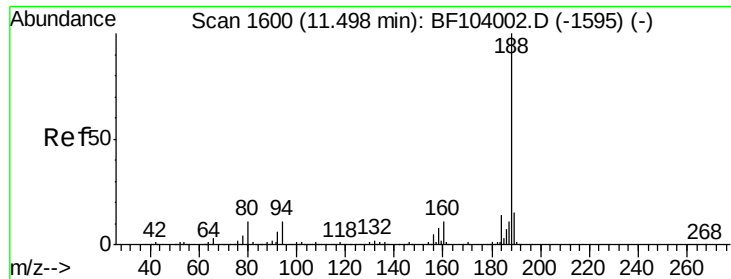
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#59
Diethylphthalate
Concen: 166.279 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.00 min
Lab File: BF104161.D
Acq: 3 Apr 2018 5:16

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.4	16.1	24.1
150	12.9	10.1	15.1





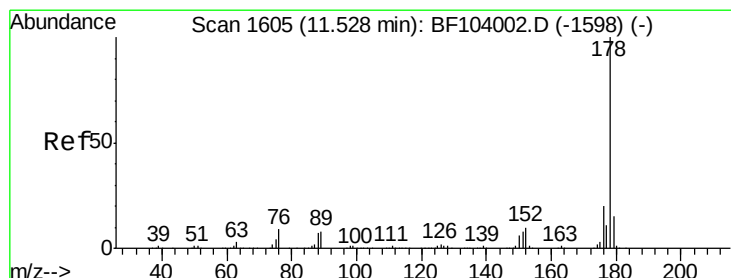
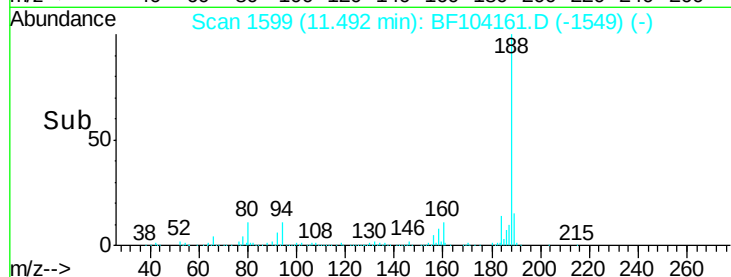
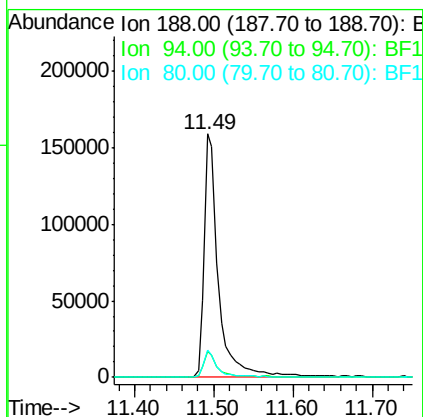
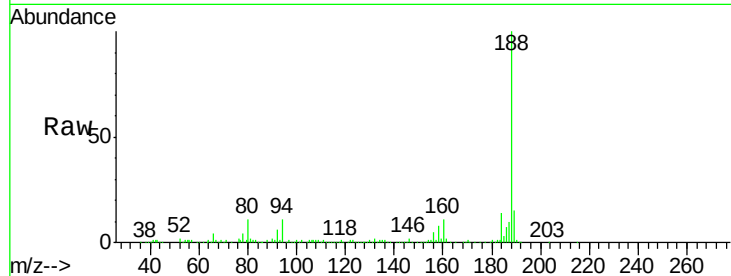
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BF104161.D
Acq: 3 Apr 2018 5:16

Instrument :
BNA_F
ClientSampleId :
PA-07-COMP

Tot Ion	Ratio	Resp	Lower	Upper
188	100	203637		
94	10.9		8.5	12.7
80	11.2		9.2	13.8

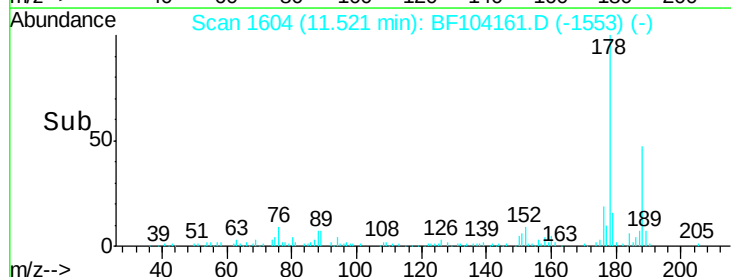
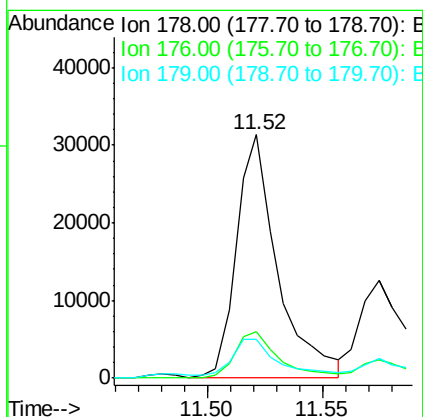
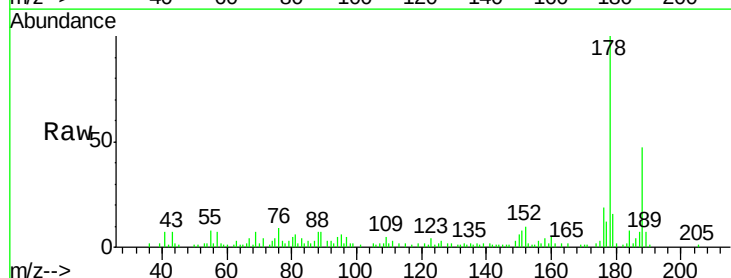
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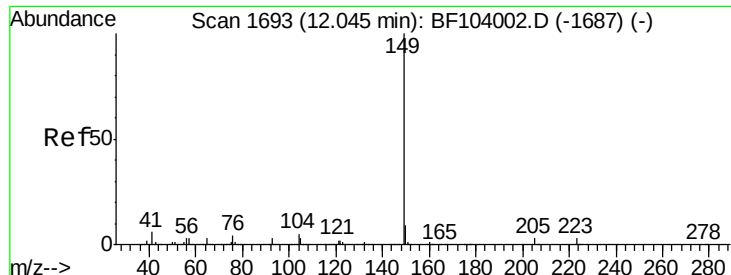
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#70
Phenanthrene
Concen: 3.544 ng
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: BF104161.D
Acq: 3 Apr 2018 5:16

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	39077		
176	19.3		15.8	23.8
179	15.7		13.0	19.6





#73

Di-n-butylphthalate

Concen: 29.930 ng

RT: 12.04 min Scan# 1692

Delta R.T. -0.00 min

Lab File: BF104161.D

Acq: 3 Apr 2018 5:16

Instrument :

BNA_F

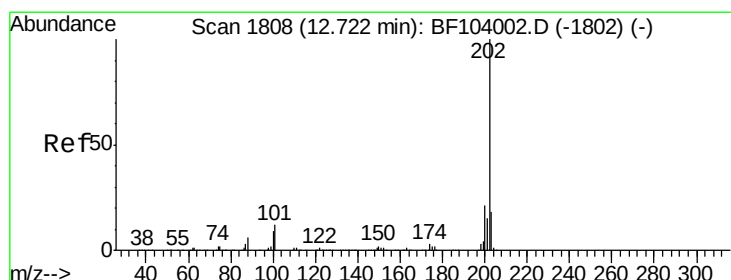
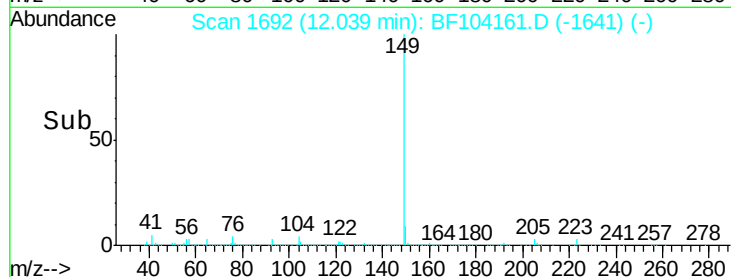
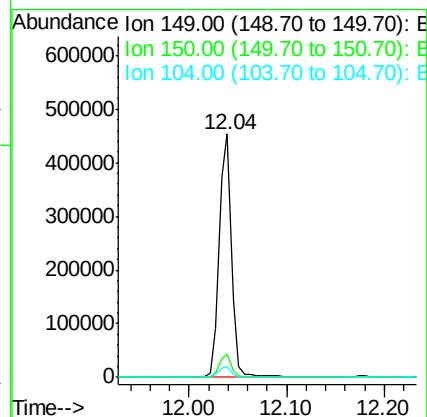
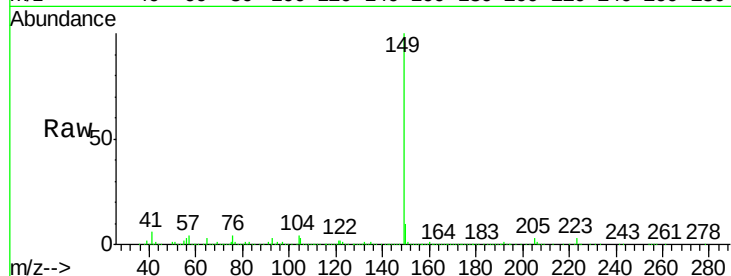
ClientSampleId :

PA-07-COMP

Tot Ion:	149	Resp:	391848
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.8	11.6
104	4.4	3.8	5.8

Manual Integrations
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#74

Fluoranthene

Concen: 11.251 ng

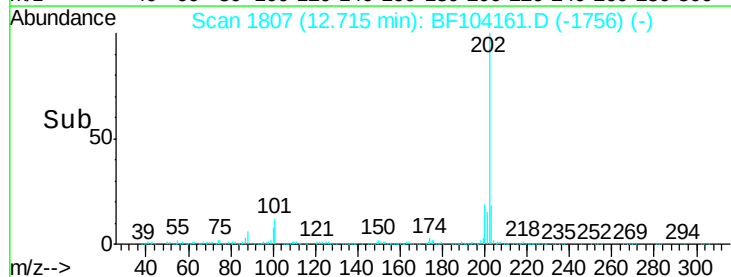
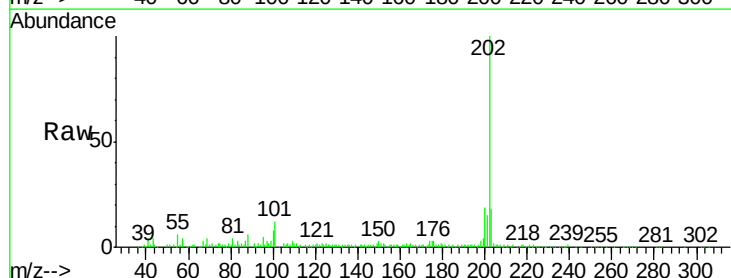
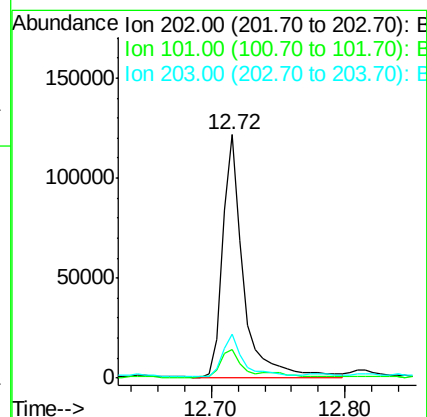
RT: 12.72 min Scan# 1807

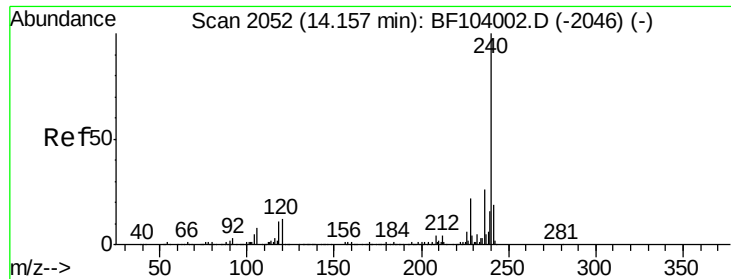
Delta R.T. -0.00 min

Lab File: BF104161.D

Acq: 3 Apr 2018 5:16

Tgt Ion:	202	Resp:	131856
Ion Ratio	Lower	Upper	
202	100		
101	11.6	0.0	34.1
203	18.3	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: BF104161.D

Acq: 3 Apr 2018 5:16

Instrument :

BNA_F

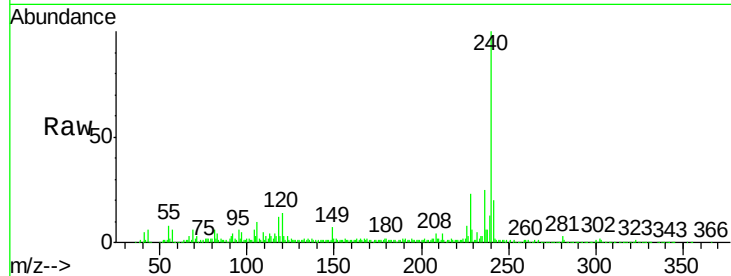
ClientSampleId :

PA-07-COMP

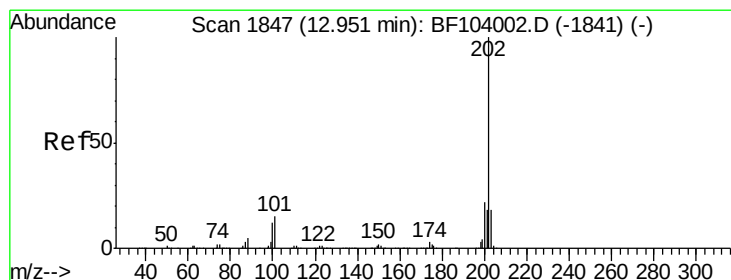
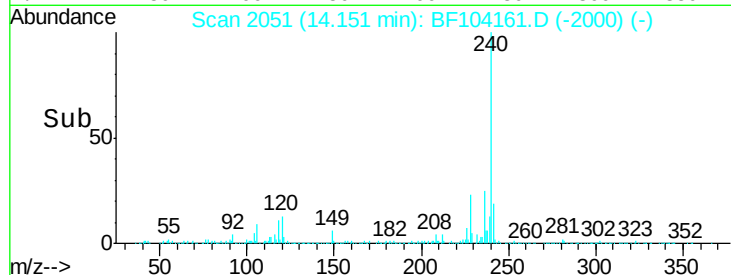
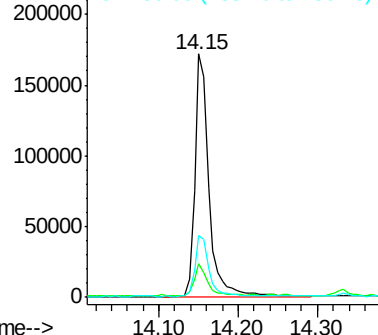
Tot Ion:	240	Resp:	210198
Ion Ratio	Lower	Upper	
240	100		
120	13.8	9.5	14.3
236	25.4	20.7	31.1

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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: 10.188 ng

RT: 12.94 min Scan# 1846

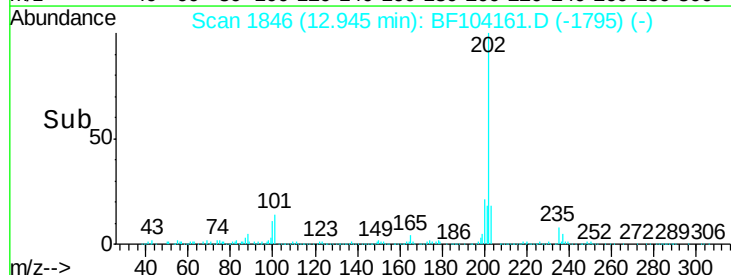
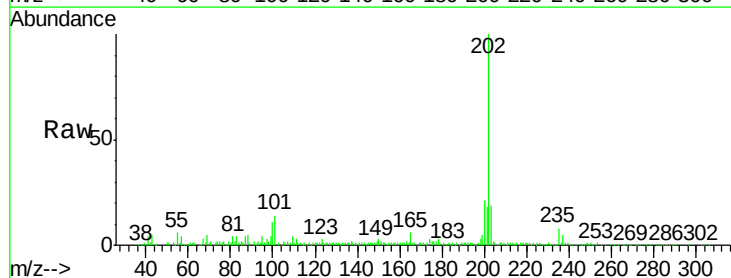
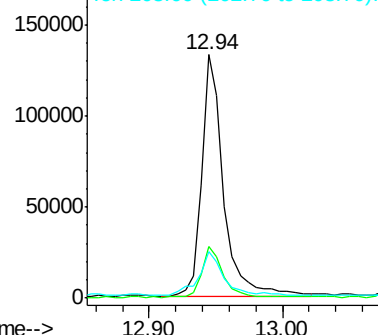
Delta R.T. -0.00 min

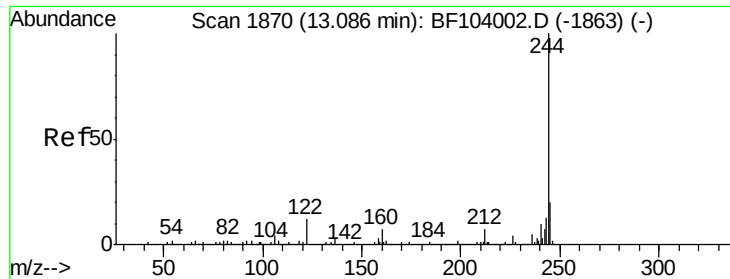
Lab File: BF104161.D

Acq: 3 Apr 2018 5:16

Tgt Ion:	202	Resp:	153937
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.4	26.2
203	19.3	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





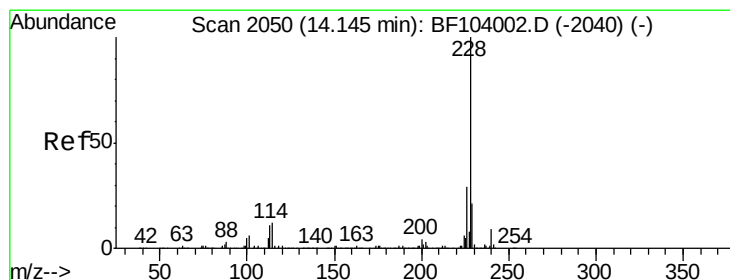
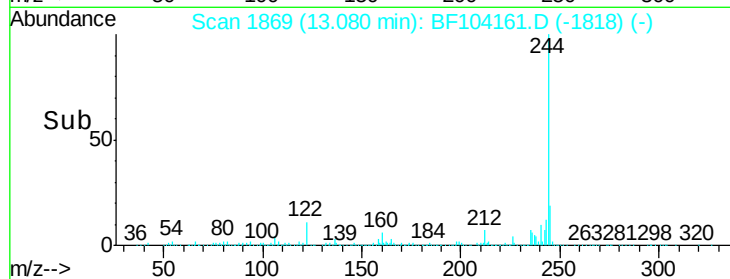
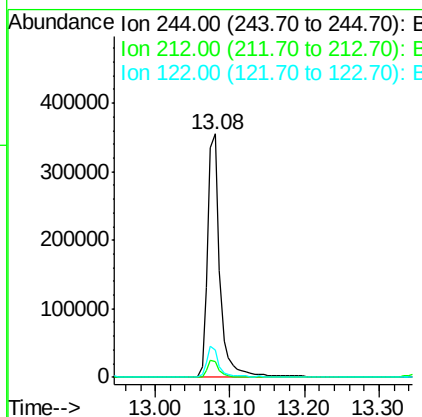
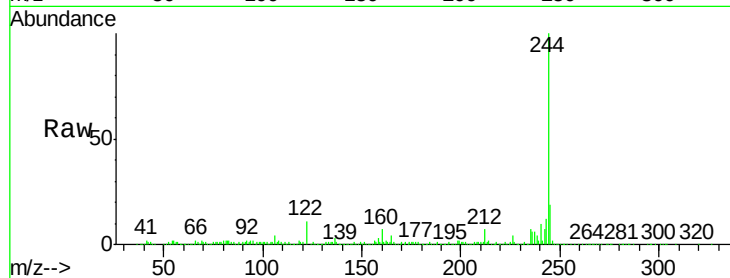
#78
 Terphenyl-d14
 Concen: 45.320 ng
 RT: 13.08 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: BF104161.D
 Acq: 3 Apr 2018 5:16

Instrument :
 BNA_F
 ClientSampleId :
 PA-07-COMP

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	11.4	11.0	16.4

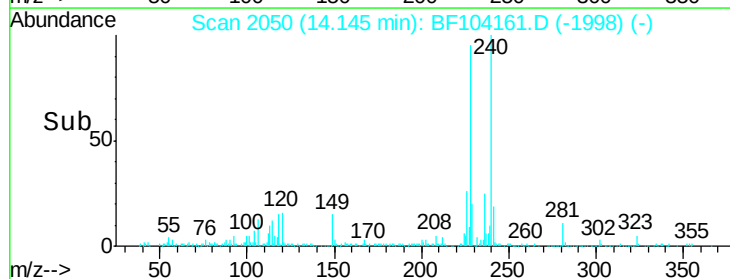
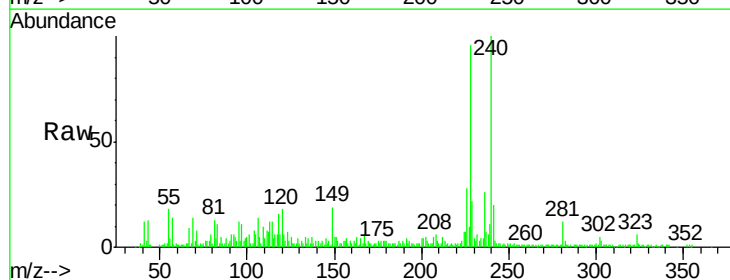
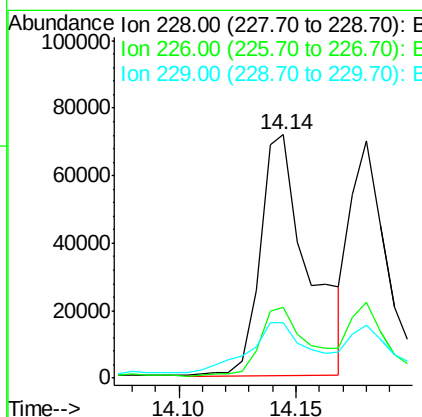
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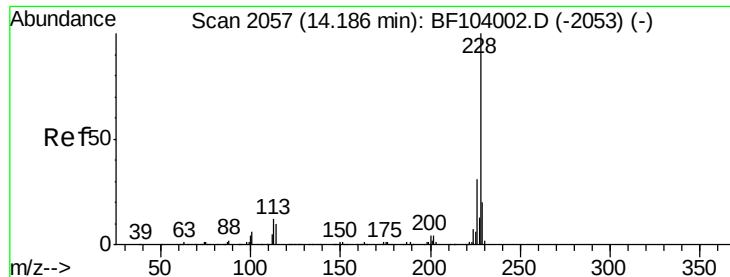
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#80
 Benzo(a)anthracene
 Concen: 7.805 ng m
 RT: 14.14 min Scan# 2050
 Delta R.T. 0.01 min
 Lab File: BF104161.D
 Acq: 3 Apr 2018 5:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.6	33.8
229	22.6	15.8	23.6





#82

Chrysene

Concen: 6.066 ng

RT: 14.18 min Scan# 2056

Delta R.T. -0.00 min

Lab File: BF104161.D

Acq: 3 Apr 2018 5:16

Instrument :

BNA_F

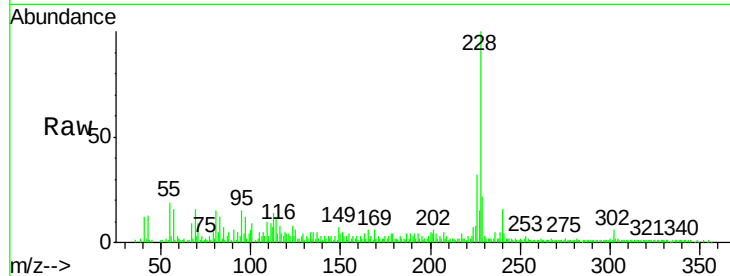
ClientSampleId :

PA-07-COMP

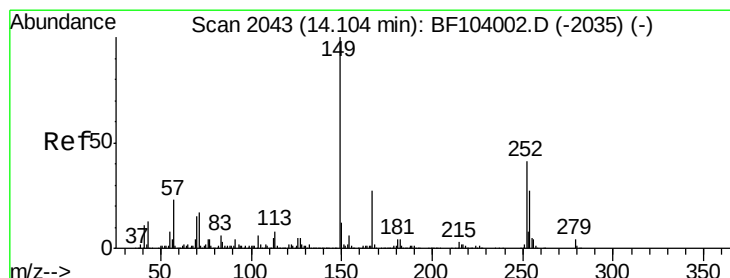
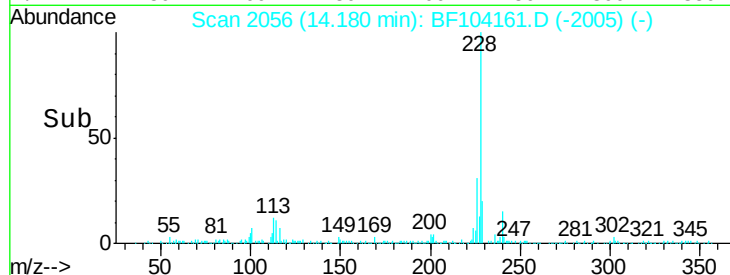
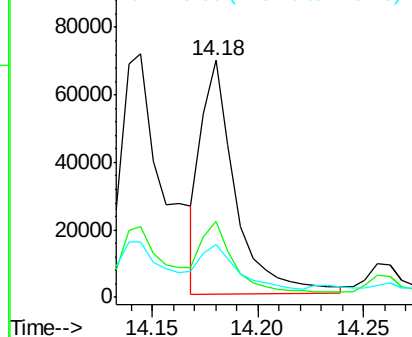
Tot Ion:	228	Resp:	78142
Ion Ratio	Lower	Upper	
228	100		
226	31.9	25.0	37.6
229	22.3	16.2	24.4

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 94.569 ng

RT: 14.10 min Scan# 2043

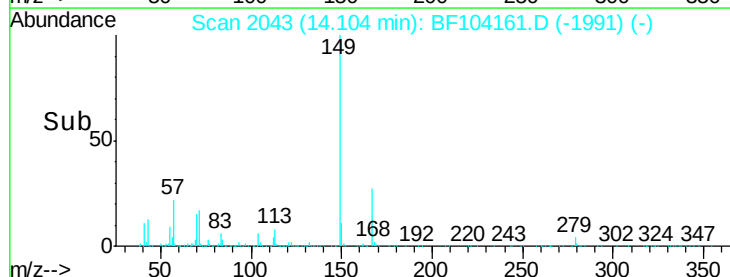
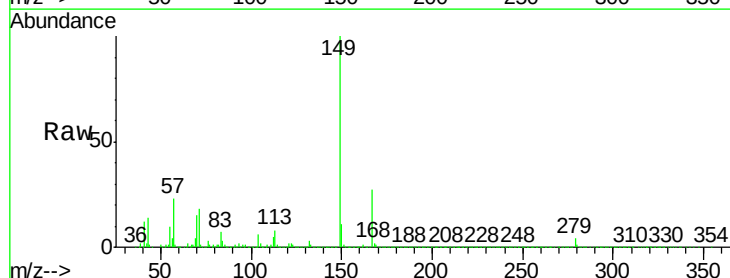
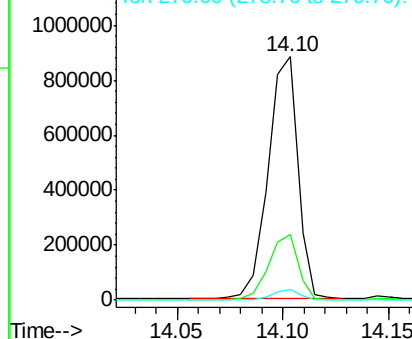
Delta R.T. 0.01 min

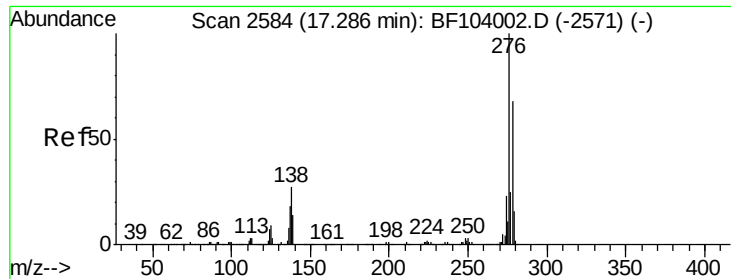
Lab File: BF104161.D

Acq: 3 Apr 2018 5:16

Tgt Ion:	149	Resp:	869844
Ion Ratio	Lower	Upper	
149	100		
167	27.0	21.3	31.9
279	4.3	3.0	4.4

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





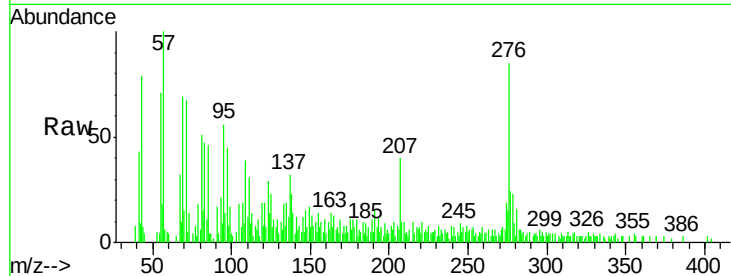
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.159 ng
RT: 17.29 min Scan# 2584
Delta R.T. -0.00 min
Lab File: BF104161.D
Acq: 3 Apr 2018 5:16

Instrument :
BNA_F
ClientSampleId :
PA-07-COMP

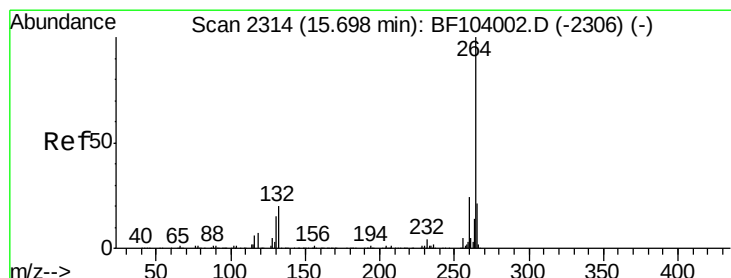
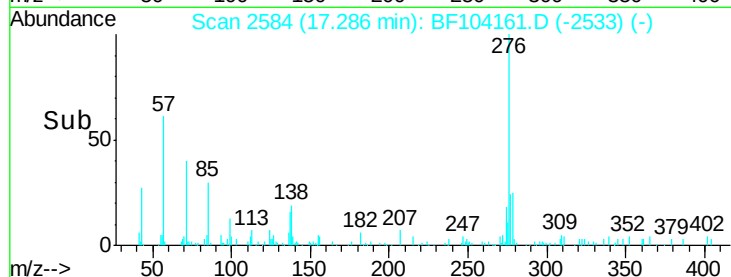
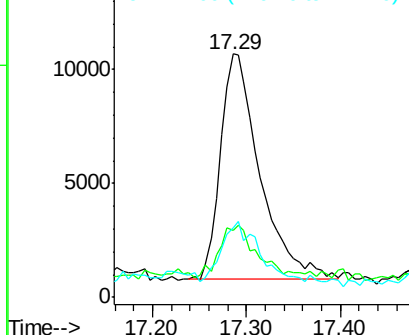
Tot Ion	Ratio	Lower	Upper
276	100		
138	23.1	25.0	37.6#
277	25.6	20.1	30.1

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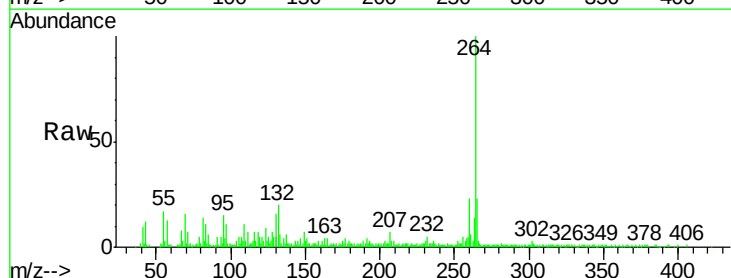


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

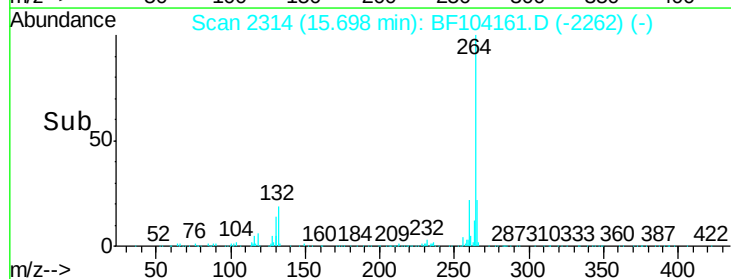
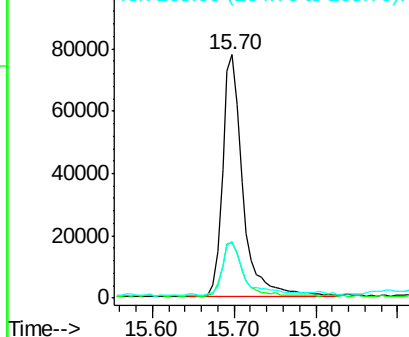


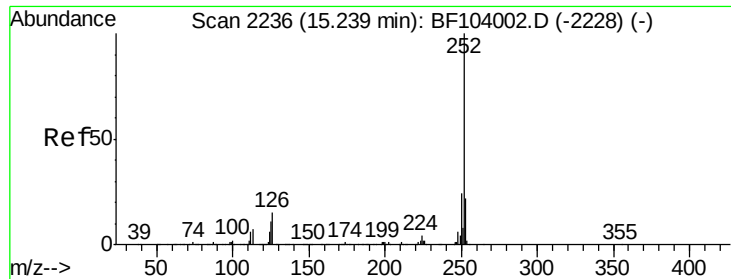
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2314
Delta R.T. 0.01 min
Lab File: BF104161.D
Acq: 3 Apr 2018 5:16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	23.3	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





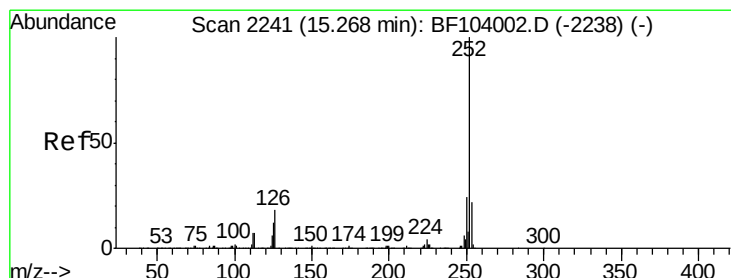
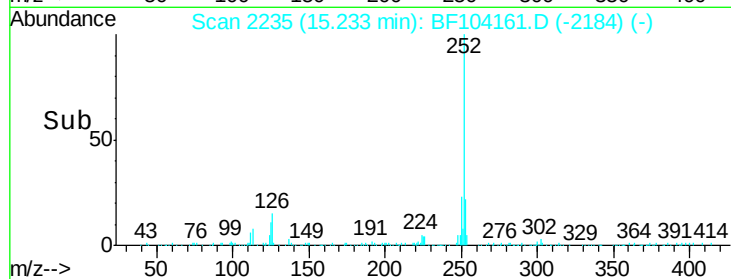
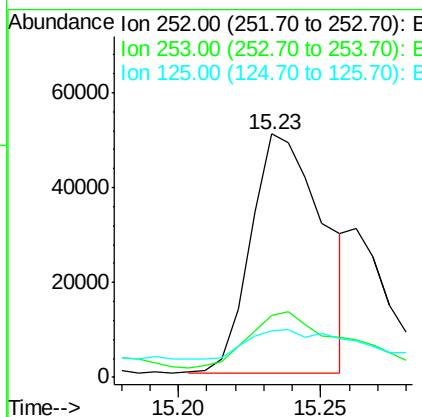
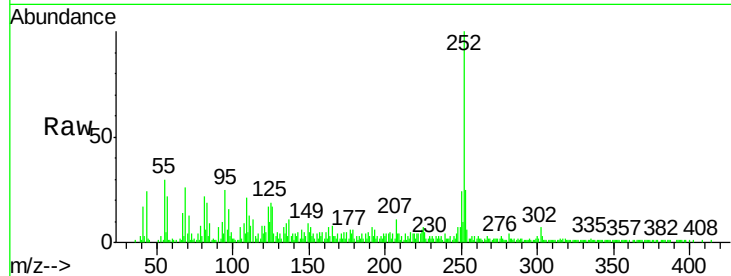
#87
Benzo(b)fluoranthene
Concen: 10.843 ng m
RT: 15.23 min Scan# 2235
Delta R.T. -0.00 min
Lab File: BF104161.D
Acq: 3 Apr 2018 5:16

Instrument :
BNA_F
ClientSampleId :
PA-07-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.0	25.6
125	19.1	9.0	13.6#

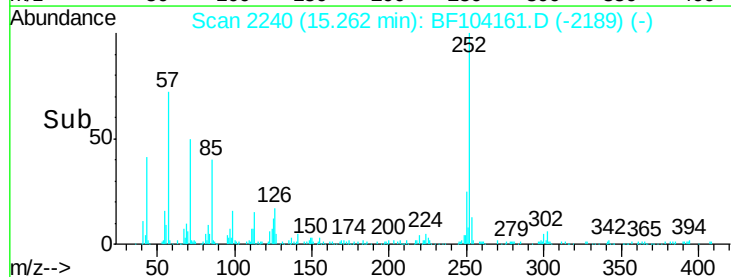
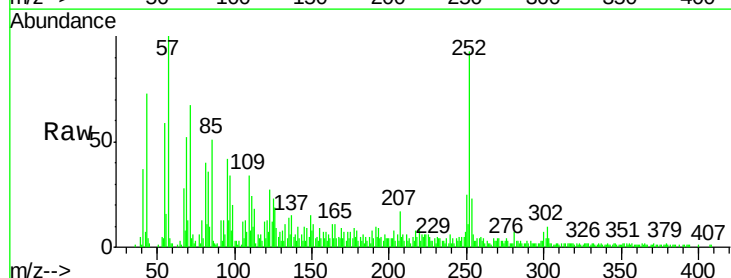
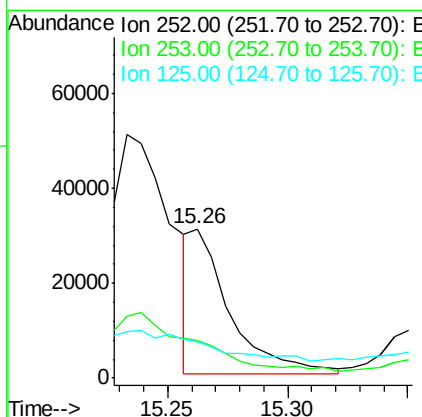
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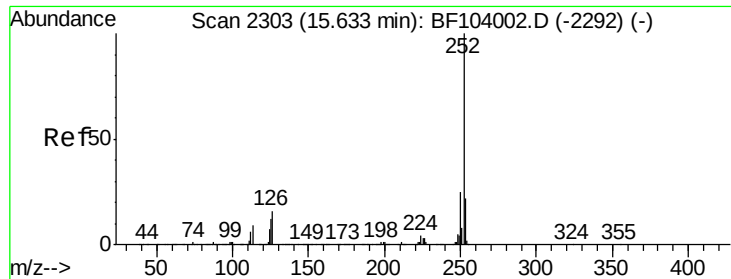
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#88
Benzo(k)fluoranthene
Concen: 4.447 ng m
RT: 15.26 min Scan# 2240
Delta R.T. -0.00 min
Lab File: BF104161.D
Acq: 3 Apr 2018 5:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.9	26.9
125	24.6	10.2	15.2#





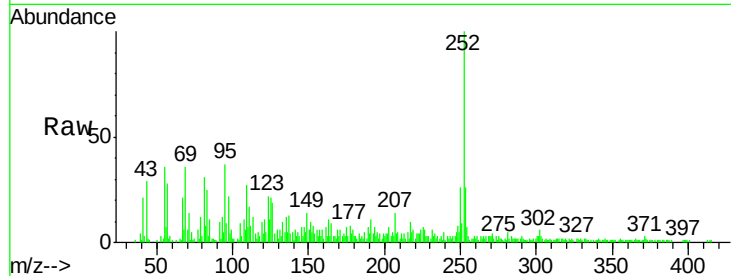
#89
Benzo(a)pyrene
Concen: 8.126 ng
RT: 15.63 min Scan# 2303
Delta R.T. 0.01 min
Lab File: BF104161.D
Acq: 3 Apr 2018 5:16

Instrument :
BNA_F
ClientSampled :
PA-07-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.2	17.1	25.7#
125	21.4	9.8	14.6#

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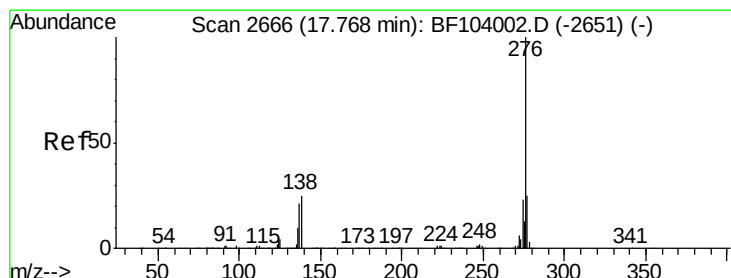
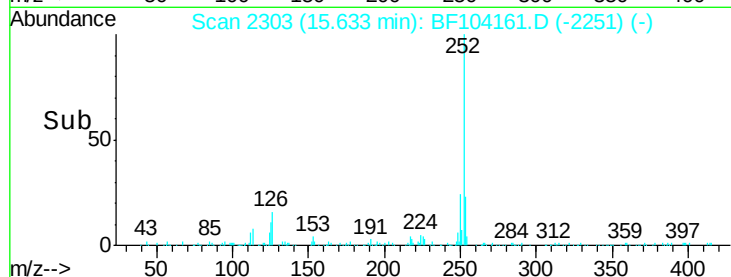
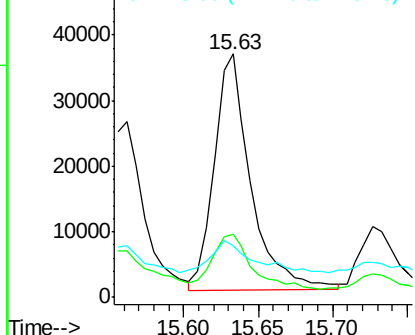


Abundance

Ion 252.00 (251.70 to 252.70): E

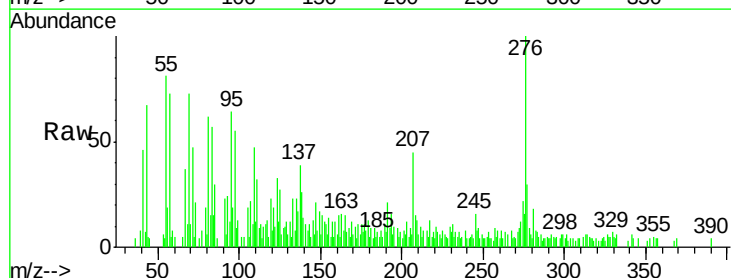
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91
Benzo(g,h,i)perylene
Concen: 4.173 ng
RT: 17.77 min Scan# 2667
Delta R.T. 0.01 min
Lab File: BF104161.D
Acq: 3 Apr 2018 5:16

Tgt Ion	Ratio	Lower	Upper
276	100		
277	30.3	17.9	26.9#
138	26.3	21.8	32.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

