

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF040218\
 Data File : BF104162.D
 Acq On : 3 Apr 2018 5:43
 Operator : JU/SJ
 Sample : J2121-14
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PA-10-COMP

Manual Integrations
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Sohil
 4/3/2018 2:28:10 PM

Quant Time: Apr 03 12:58:41 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	98127	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	395789	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	168320	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	247916	20.00	ng	0.00
75) Chrysene-d12	14.15	240	206712	20.00	ng	0.00
86) Perylene-d12	15.70	264	135007	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	542340	88.14	ng	0.01
7) Phenol-d6	6.60	99	718175	94.87	ng	0.00
23) Nitrobenzene-d5	7.52	82	400714	61.92	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	141455	75.47	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	739923	69.32	ng	0.00
78) Terphenyl-d14	13.08	244	521157	58.21	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.70	163	44453	3.345	ng	Qvalue 100
70) Phenanthrene	11.52	178	40926	3.049	ng	99
74) Fluoranthene	12.72	202	84021	5.889	ng	96
77) Pyrene	12.94	202	96871	6.519	ng	99
80) Benzo(a)anthracene	14.14	228	44823	3.465	ng	# 89
82) Chrysene	14.18	228	57421m	4.533	ng	
85) Indeno(1,2,3-cd)pyrene	17.30	276	50003	3.809	ng	# 88
87) Benzo(b)fluoranthene	15.24	252	80645m	9.815	ng	
88) Benzo(k)fluoranthene	15.26	252	33501m	4.328	ng	
89) Benzo(a)pyrene	15.63	252	66863	8.781	ng	# 86
91) Benzo(g,h,i)perylene	17.79	276	44580	6.322	ng	# 90

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

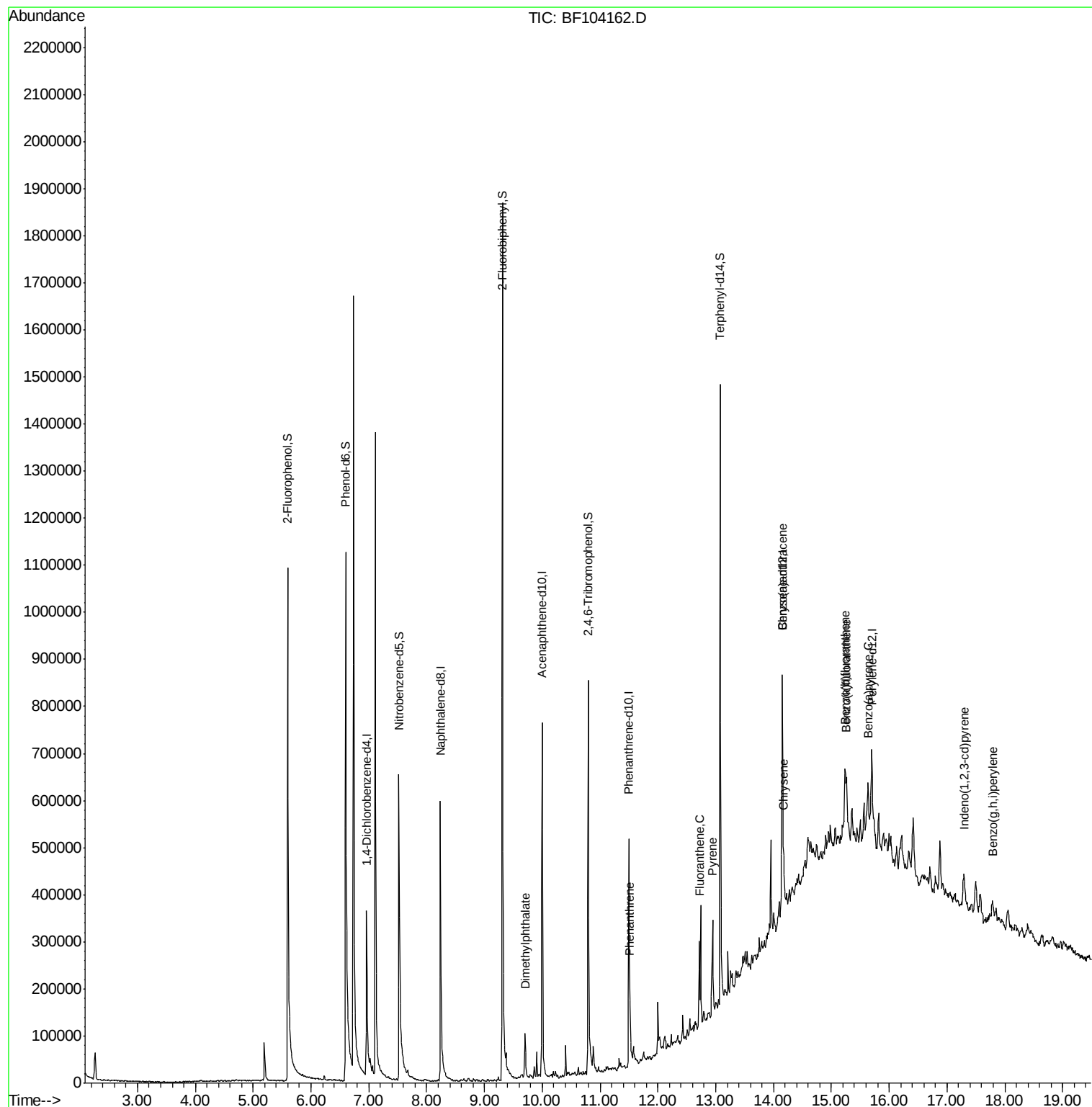
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF040218\
Data File : BF104162.D
Acq On : 3 Apr 2018 5:43
Operator : JU/SJ
Sample : J2121-14
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
PA-10-COMP

Manual Integrations
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

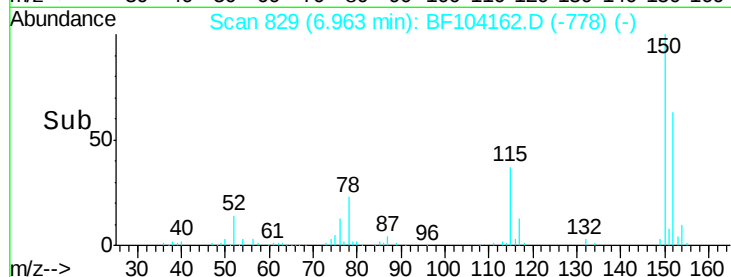
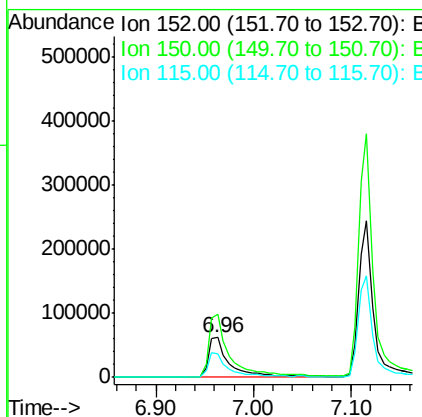
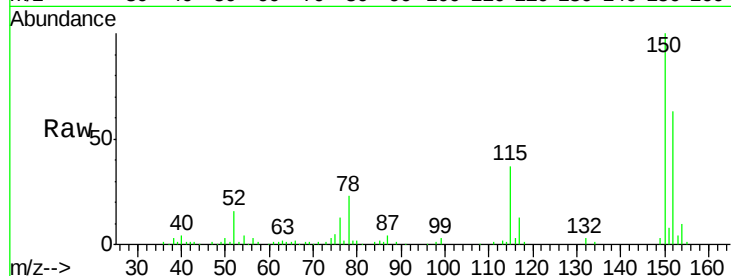
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BF104162.D
 Acq: 3 Apr 2018 5:43

Instrument :
 BNA_F
 ClientSampleId :
 PA-10-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	124.6	186.8
115	59.3	50.1	75.1

Manual Integrations
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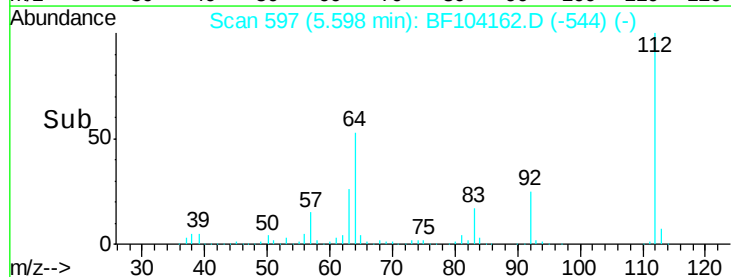
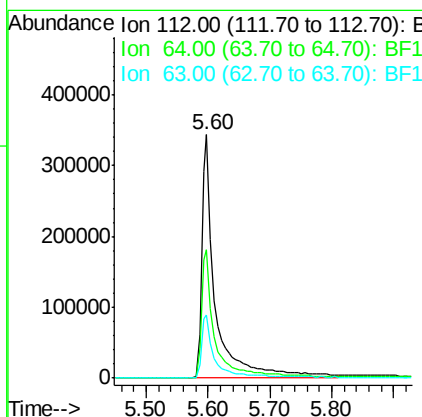
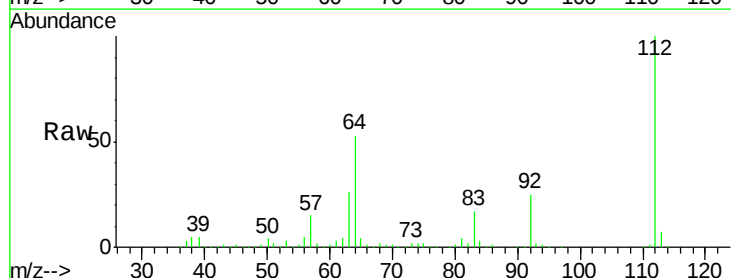
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#5

2-Fluorophenol
 Concen: 88.140 ng
 RT: 5.60 min Scan# 597
 Delta R.T. 0.01 min
 Lab File: BF104162.D
 Acq: 3 Apr 2018 5:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.0	47.9	71.9
63	26.1	23.7	35.5





#7

Phenol-d6

Concen: 94.869 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF104162.D

Acq: 3 Apr 2018 5:43

Instrument :

BNA_F

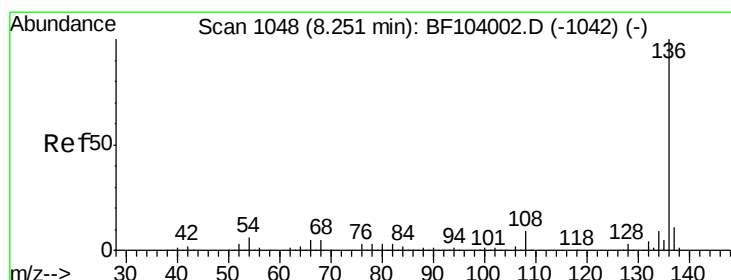
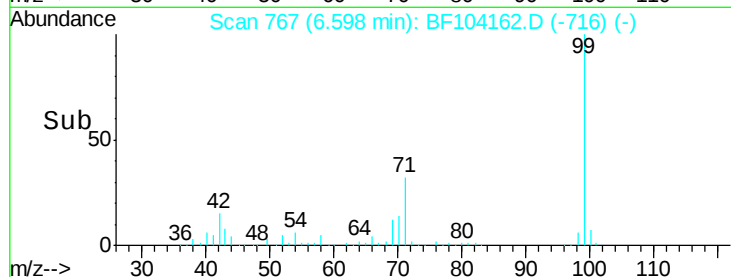
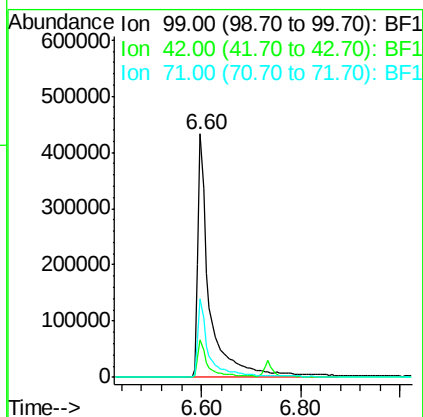
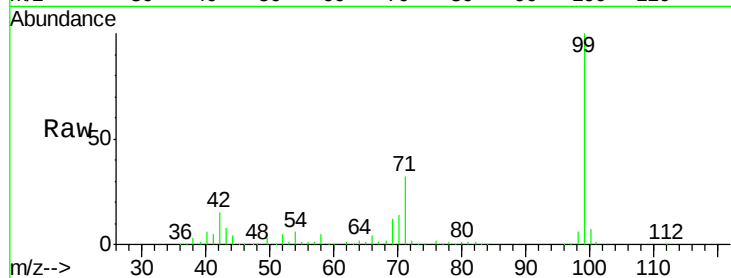
ClientSampleId :

PA-10-COMP

Tot Ion:	99	Resp:	718175
Ion Ratio	Lower	Upper	
99	100		
42	15.5	14.5	21.7
71	32.5	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

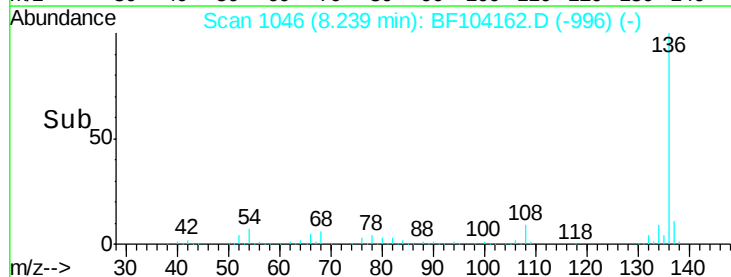
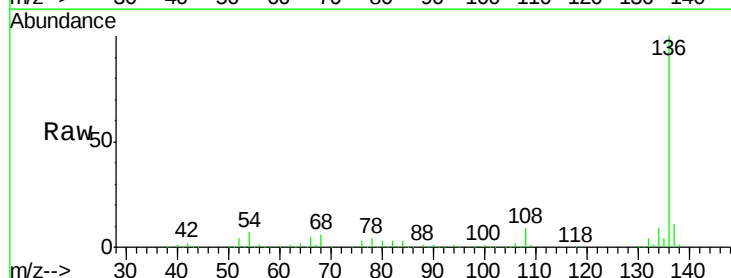
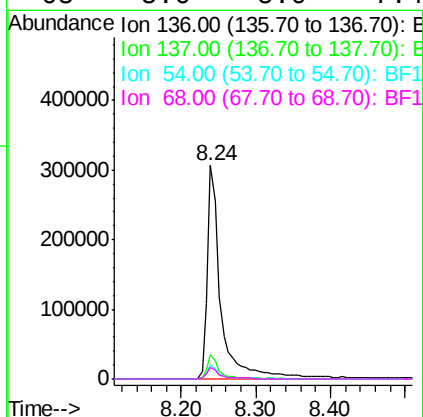
RT: 8.24 min Scan# 1046

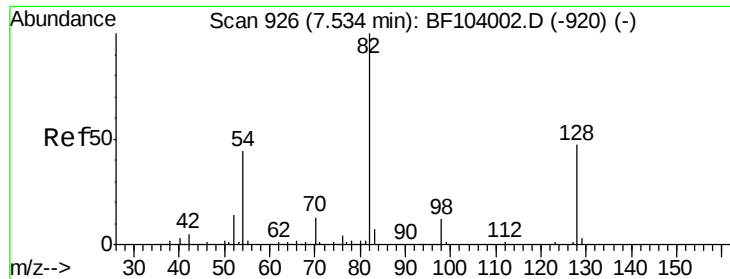
Delta R.T. -0.01 min

Lab File: BF104162.D

Acq: 3 Apr 2018 5:43

Tgt Ion:	136	Resp:	395789
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.9	13.3
54	6.8	6.6	9.8
68	5.6	5.0	7.4





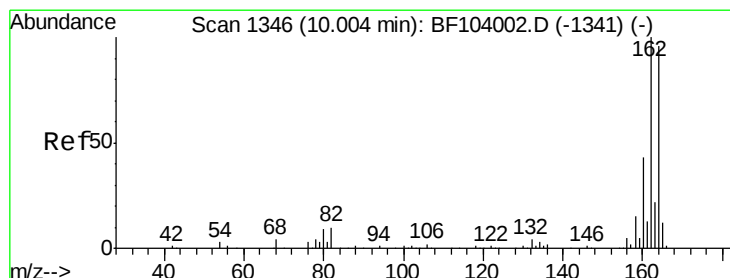
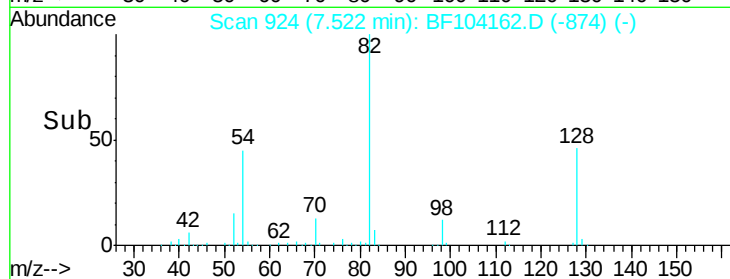
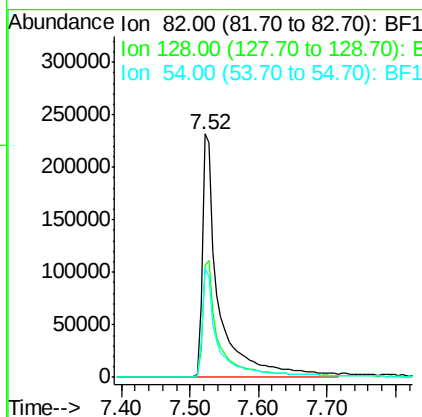
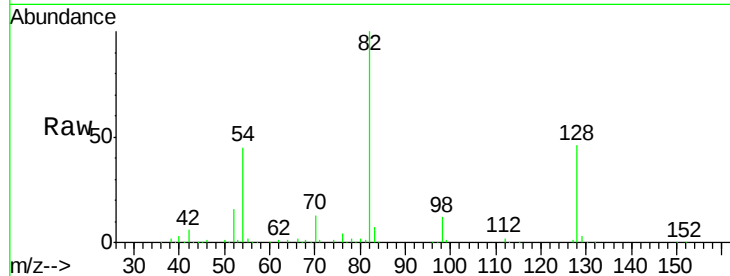
#23
 Nitrobenzene-d5
 Concen: 61.917 ng
 RT: 7.52 min Scan# 924
 Delta R.T. -0.01 min
 Lab File: BF104162.D
 Acq: 3 Apr 2018 5:43

Instrument :
 BNA_F
 ClientSampleId :
 PA-10-COMP

Tot Ion	82	Resp	400714
Ion Ratio	100	Lower	Upper
82	100		
128	45.7	36.1	54.1
54	44.9	41.4	62.2

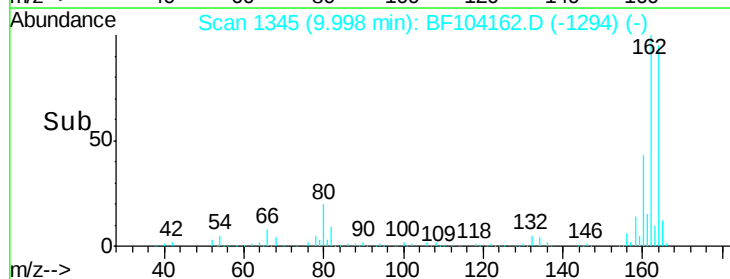
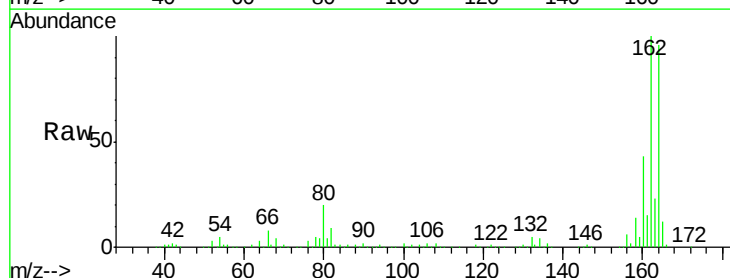
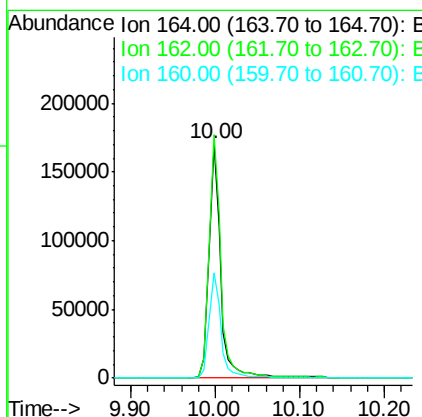
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. -0.00 min
 Lab File: BF104162.D
 Acq: 3 Apr 2018 5:43

Tgt Ion	164	Resp	168320
Ion Ratio	100	Lower	Upper
164	100		
162	104.2	86.1	129.1
160	44.8	38.3	57.5





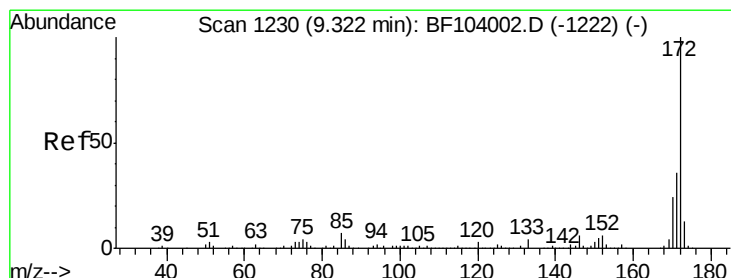
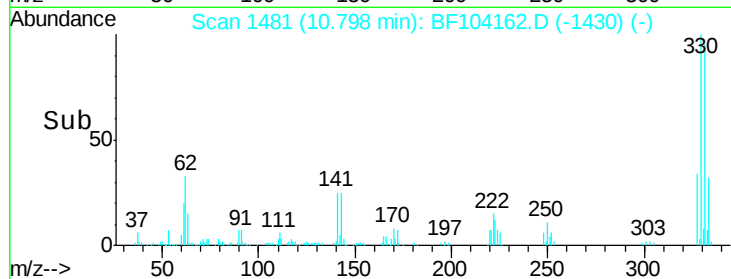
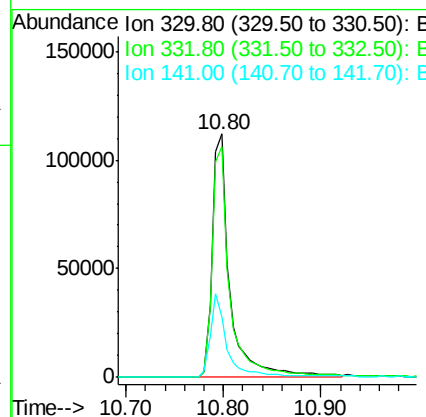
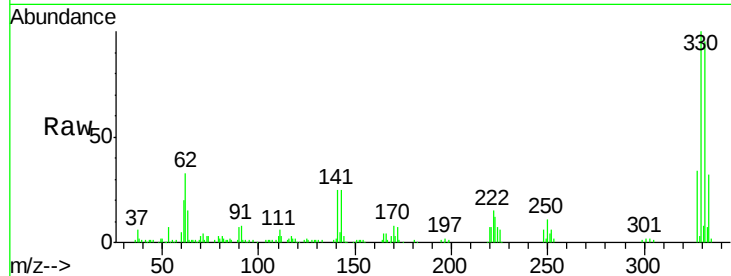
#41
 2,4,6-Tribromophenol
 Concen: 75.473 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: BF104162.D
 Acq: 3 Apr 2018 5:43

Instrument :
 BNA_F
 ClientSampleId :
 PA-10-COMP

Tot Ion	Ratio	Resp	Lower	Upper
330	100	141455		
332	96.4	77.0	115.6	
141	33.2	29.9	44.9	

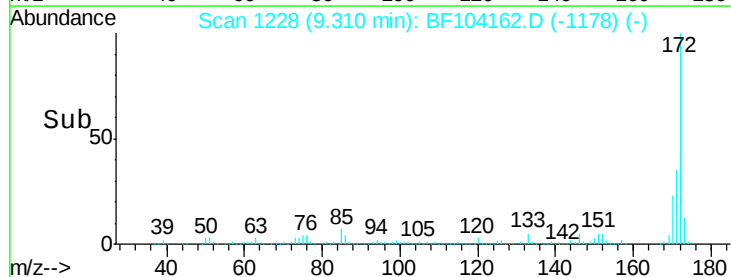
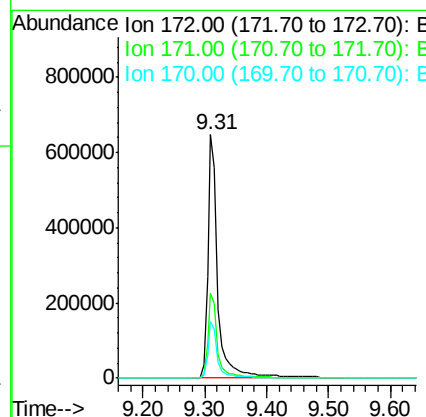
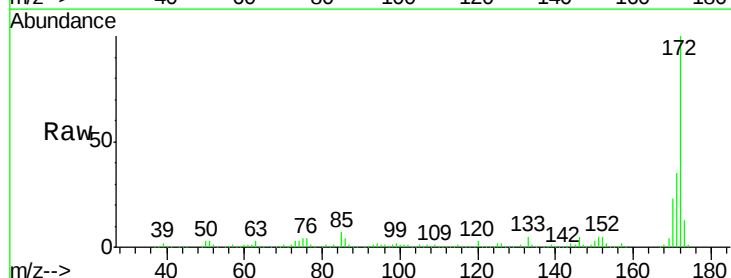
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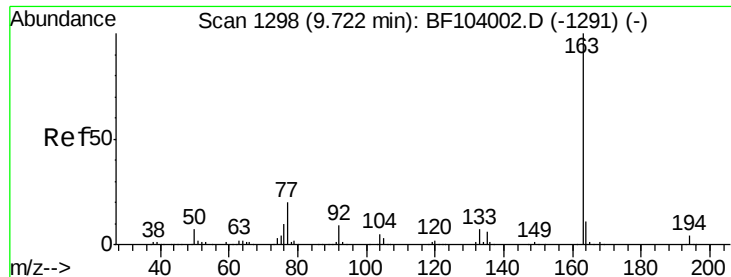
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#44
 2-Fluorobiphenyl
 Concen: 69.320 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF104162.D
 Acq: 3 Apr 2018 5:43

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	739923		
171	34.7	29.7	44.5	
170	23.3	19.6	29.4	





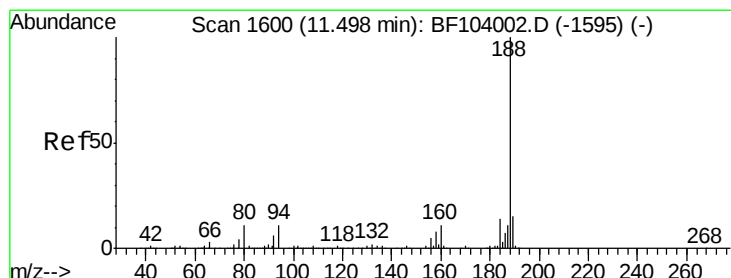
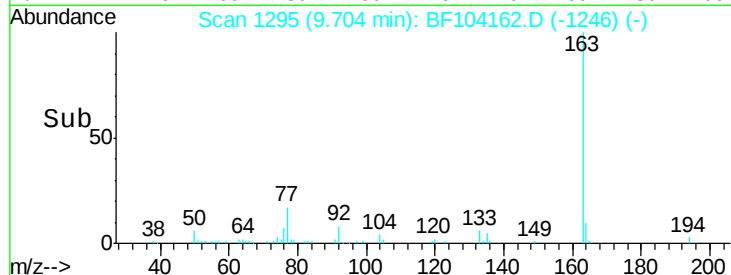
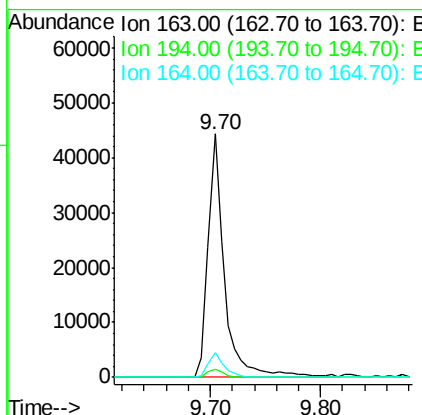
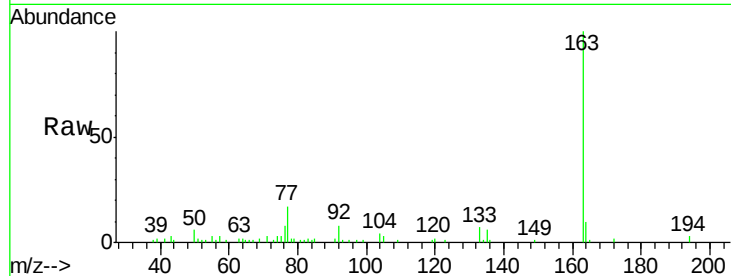
#49
Dimethylphthalate
Concen: 3.345 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF104162.D
Acq: 3 Apr 2018 5:43

Instrument :
BNA_F
ClientSampleId :
PA-10-COMP

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		44453		
194	3.2		2.7	4.1	
164	10.1		8.2	12.2	

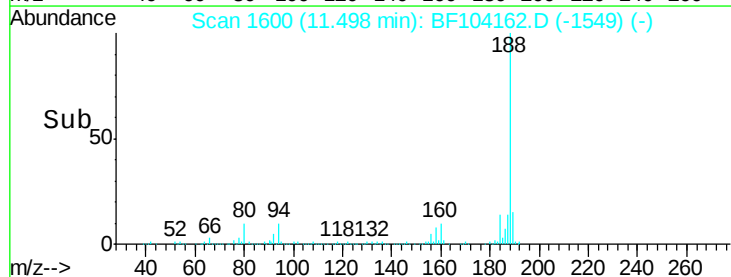
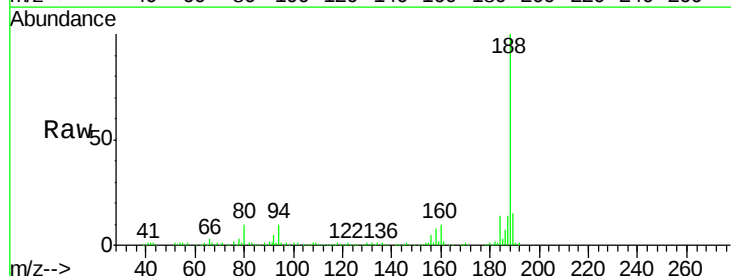
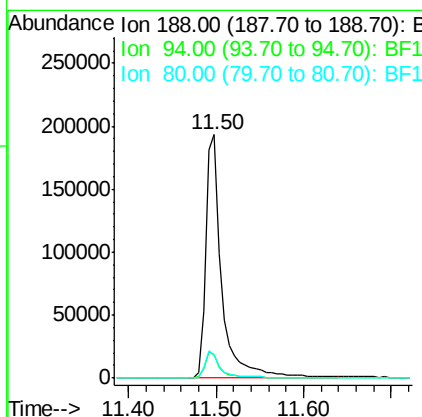
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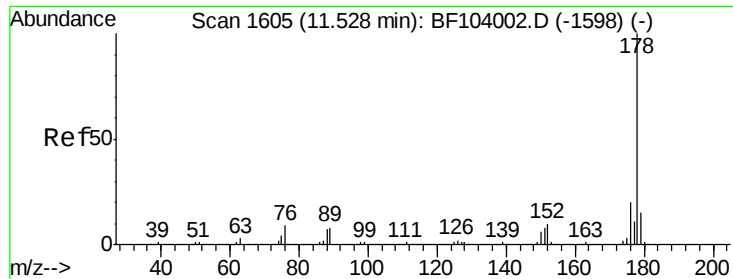
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF104162.D
Acq: 3 Apr 2018 5:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		247916		
94	9.7		8.5	12.7	
80	9.7		9.2	13.8	





#70

Phenanthrene

Concen: 3.049 ng

RT: 11.52 min Scan# 1604

Delta R.T. -0.00 min

Lab File: BF104162.D

Acq: 3 Apr 2018 5:43

Instrument :

BNA_F

ClientSampleId :

PA-10-COMP

Tot Ion:178 Resp: 40926

Ion Ratio Lower Upper

178 100

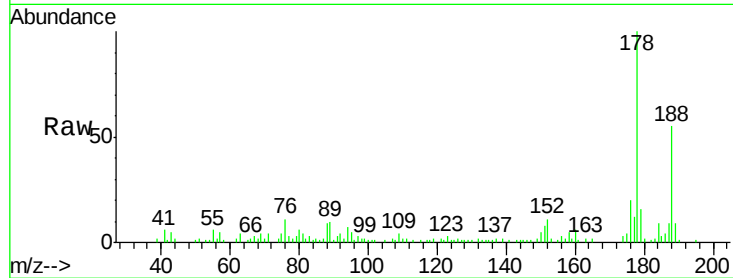
176 20.0 15.8 23.8

179 15.8 13.0 19.6

Manual Integrations
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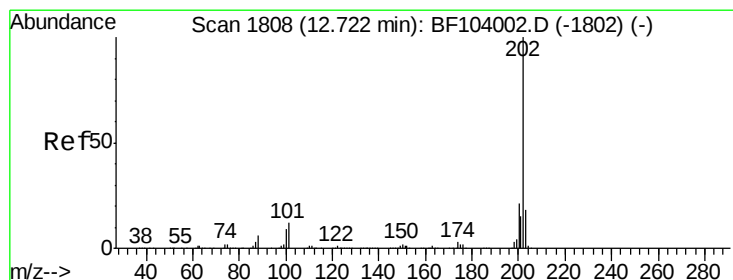
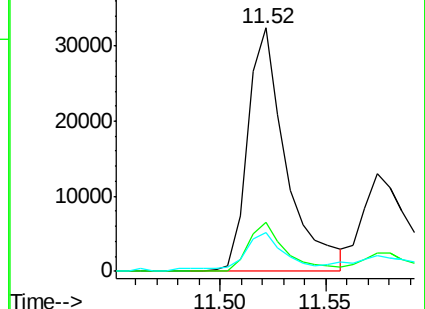
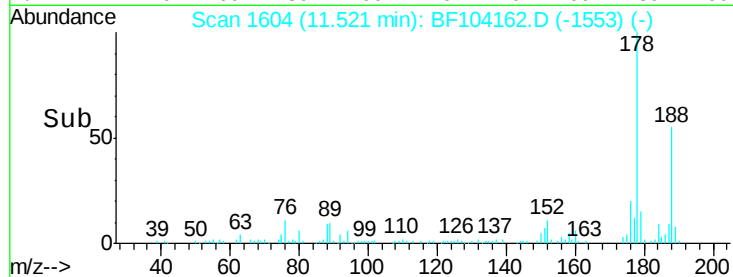
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 5.889 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.00 min

Lab File: BF104162.D

Acq: 3 Apr 2018 5:43

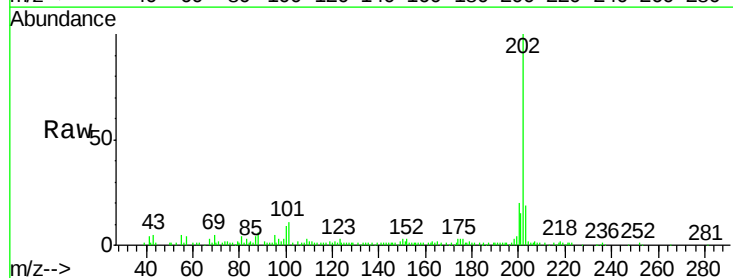
Tgt Ion:202 Resp: 84021

Ion Ratio Lower Upper

202 100

101 11.4 0.0 34.1

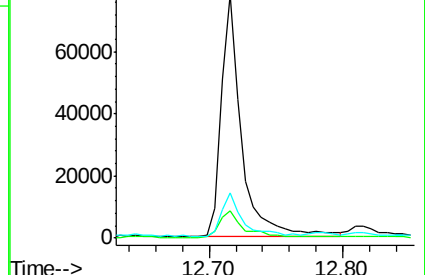
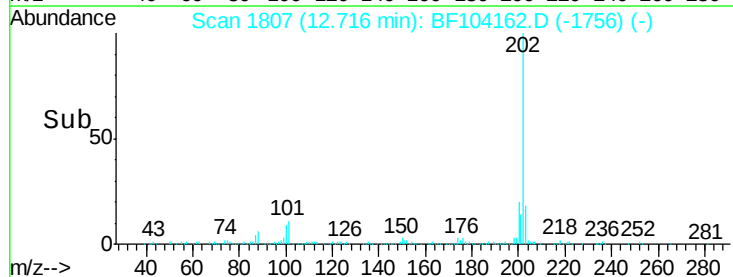
203 18.6 0.0 38.1

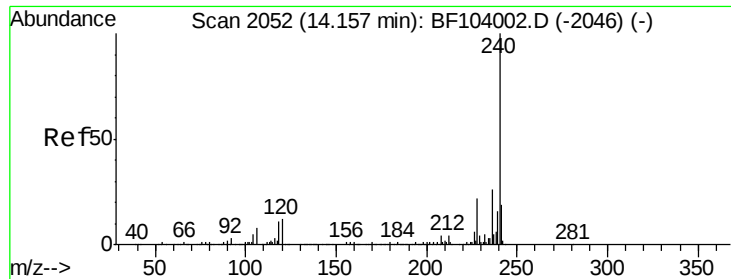


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2051

Delta R.T. -0.00 min

Lab File: BF104162.D

Acq: 3 Apr 2018 5:43

Instrument :

BNA_F

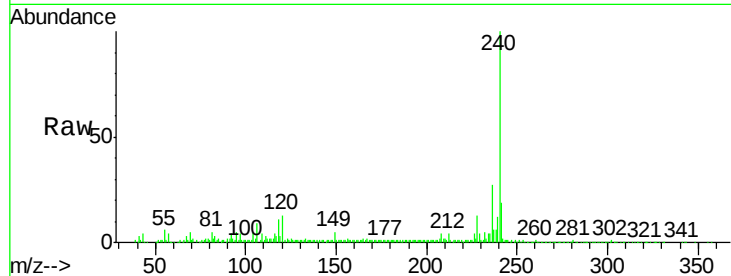
ClientSampleId :

PA-10-COMP

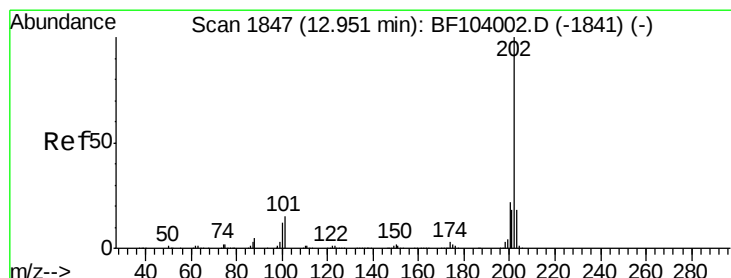
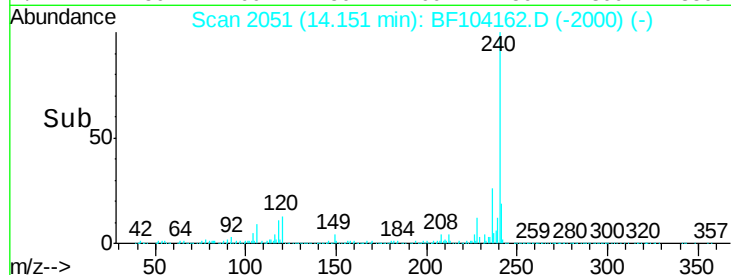
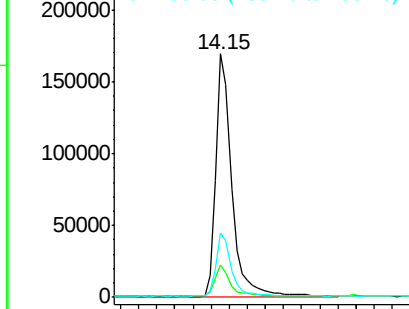
Tot Ion:	240	Resp:	206712
Ion Ratio	Lower	Upper	
240	100		
120	13.2	9.5	14.3
236	26.6	20.7	31.1

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: 6.519 ng

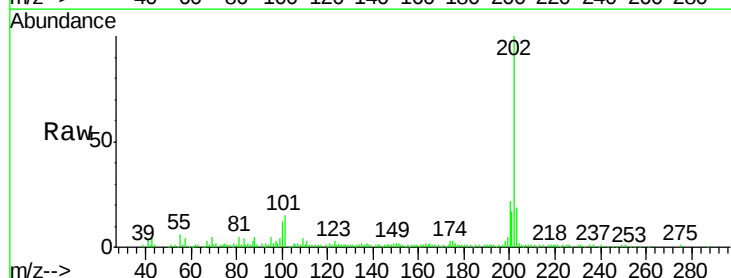
RT: 12.94 min Scan# 1846

Delta R.T. -0.00 min

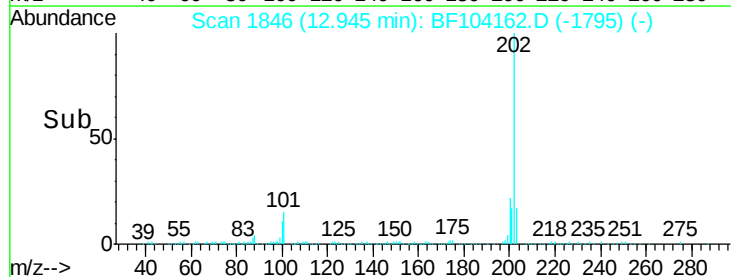
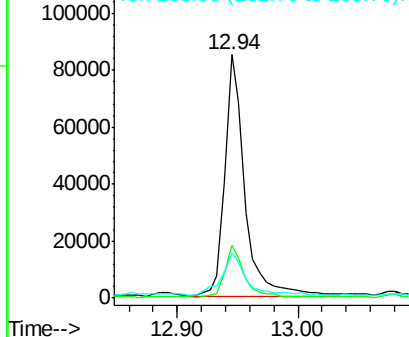
Lab File: BF104162.D

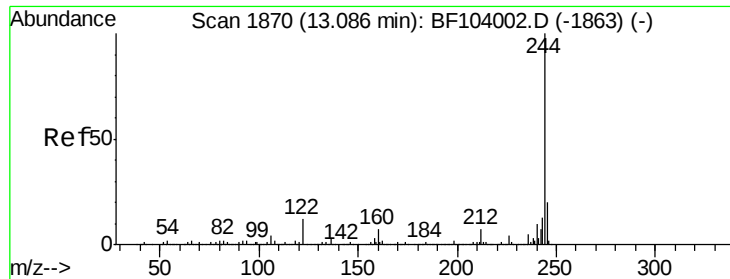
Acq: 3 Apr 2018 5:43

Tgt Ion:	202	Resp:	96871
Ion Ratio	Lower	Upper	
202	100		
200	21.9	17.4	26.2
203	18.6	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





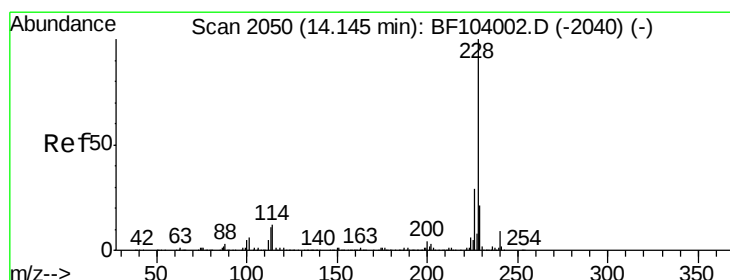
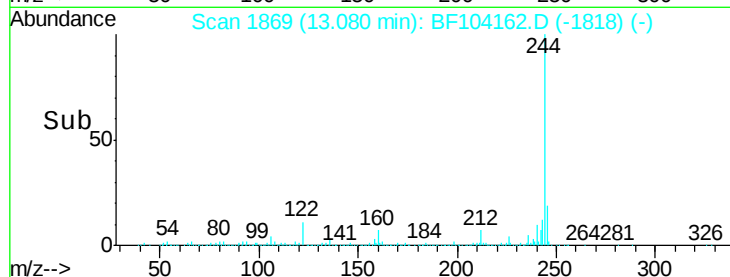
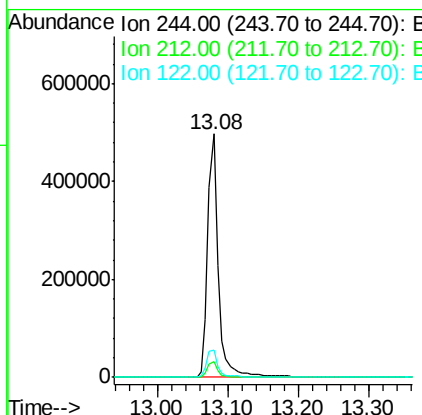
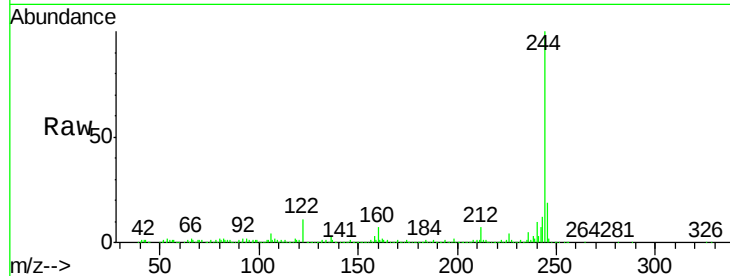
#78
 Terphenyl-d14
 Concen: 58.213 ng
 RT: 13.08 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: BF104162.D
 Acq: 3 Apr 2018 5:43

Instrument :
 BNA_F
 ClientSampleId :
 PA-10-COMP

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	11.3	11.0	16.4

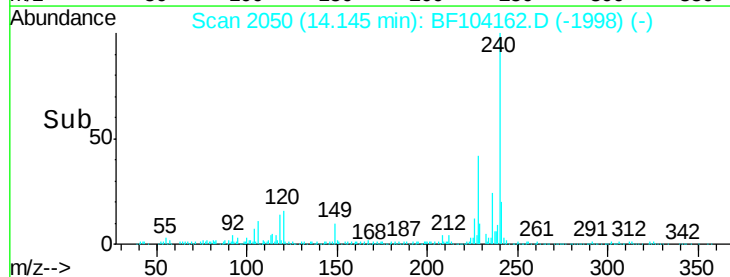
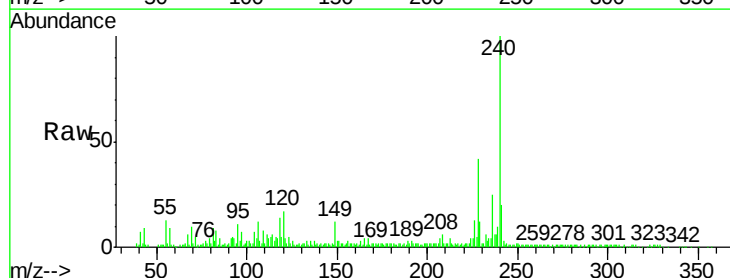
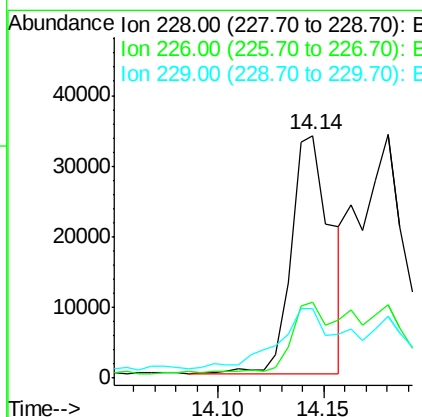
Manual Integrations
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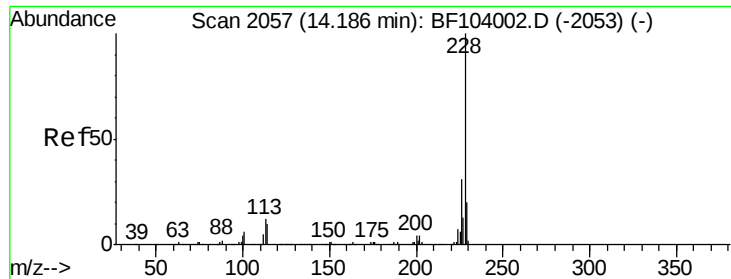
Sohil
 4/3/2018 2:28:10 PM



#80
 Benzo(a)anthracene
 Concen: 3.465 ng
 RT: 14.14 min Scan# 2050
 Delta R.T. 0.01 min
 Lab File: BF104162.D
 Acq: 3 Apr 2018 5:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	22.6	33.8
229	28.5	15.8	23.6





#82

Chrysene

Concen: 4.533 ng

RT: 14.18 min Scan# 2056

Delta R.T. -0.00 min

Lab File: BF104162.D

Acq: 3 Apr 2018 5:43

Instrument :

BNA_F

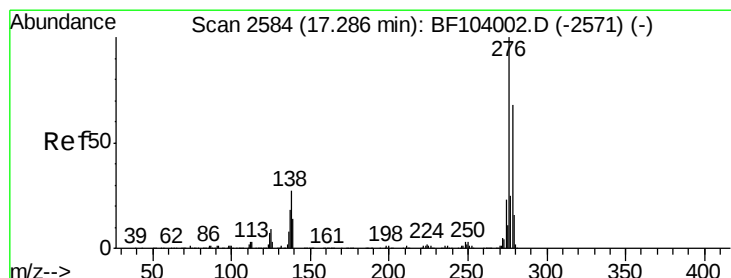
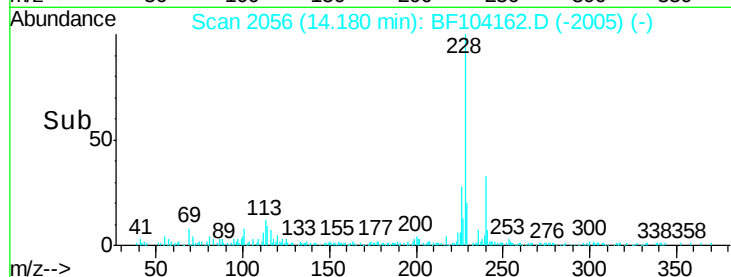
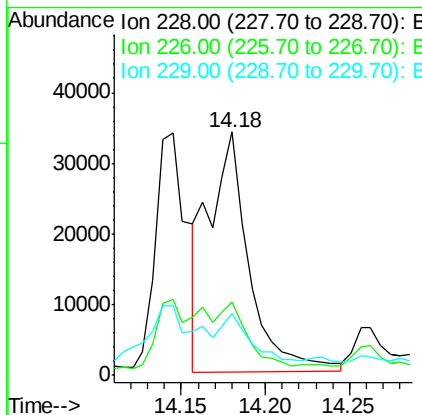
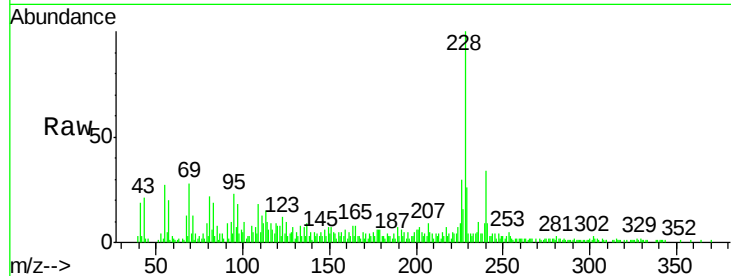
ClientSampleId :

PA-10-COMP

Tot Ion:	228	Resp:	57421
Ion Ratio	Lower	Upper	
228	100		
226	30.3	25.0	37.6
229	25.5	16.2	24.4

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#85

Indeno(1,2,3-cd)pyrene

Concen: 3.809 ng

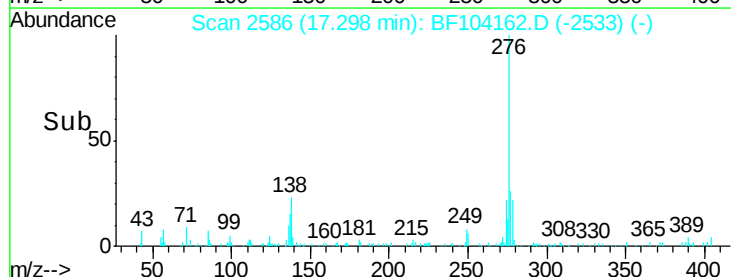
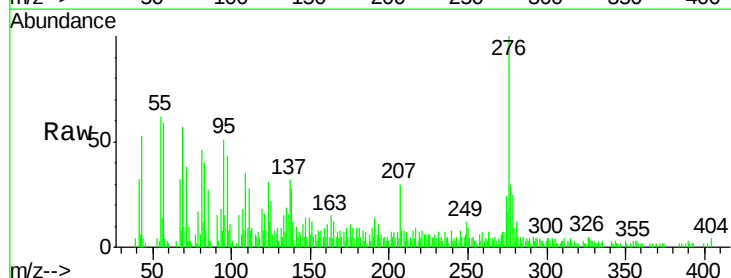
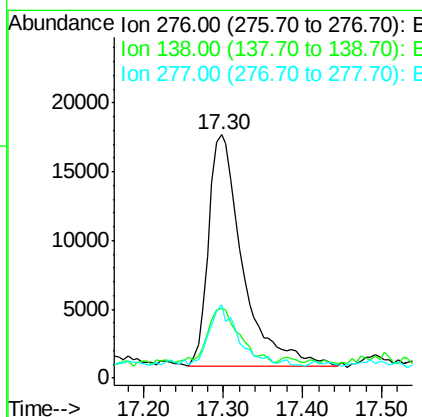
RT: 17.30 min Scan# 2586

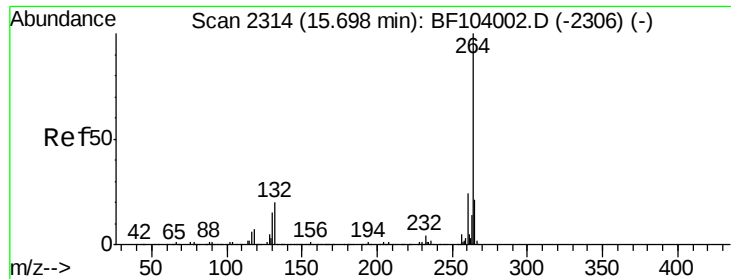
Delta R.T. 0.01 min

Lab File: BF104162.D

Acq: 3 Apr 2018 5:43

Tgt Ion:	276	Resp:	50003
Ion Ratio	Lower	Upper	
276	100		
138	22.7	25.0	37.6
277	21.2	20.1	30.1





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.70 min Scan# 2315

Delta R.T. 0.01 min

Lab File: BF104162.D

Acq: 3 Apr 2018 5:43

Instrument :

BNA_F

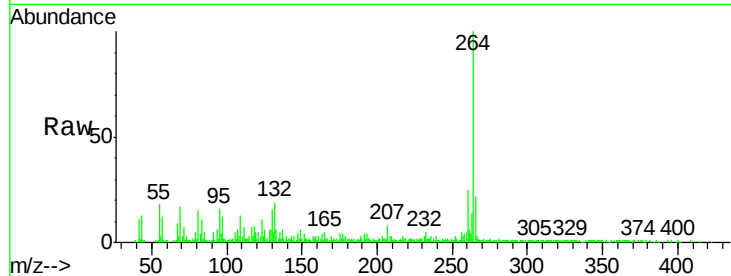
ClientSampleId :

PA-10-COMP

Tot Ion:	264	Resp:	135007
Ion Ratio		Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.6	17.5	26.3

Manual Integrations
APPROVED

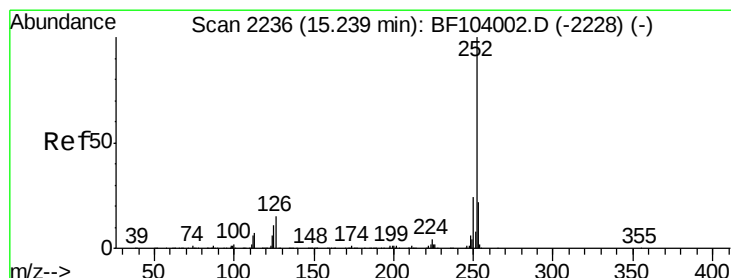
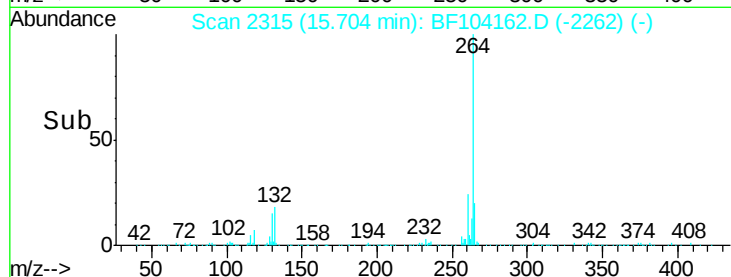
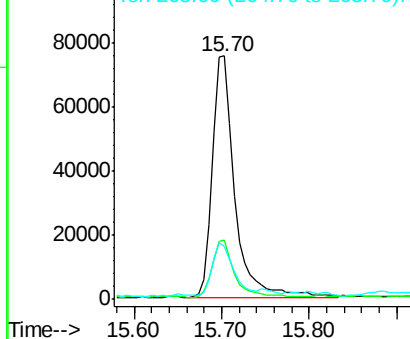
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Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 9.815 ng m

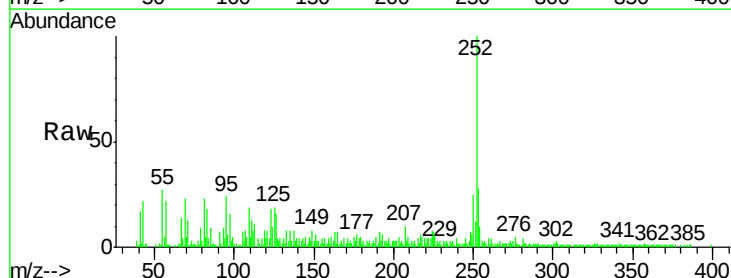
RT: 15.24 min Scan# 2236

Delta R.T. 0.01 min

Lab File: BF104162.D

Acq: 3 Apr 2018 5:43

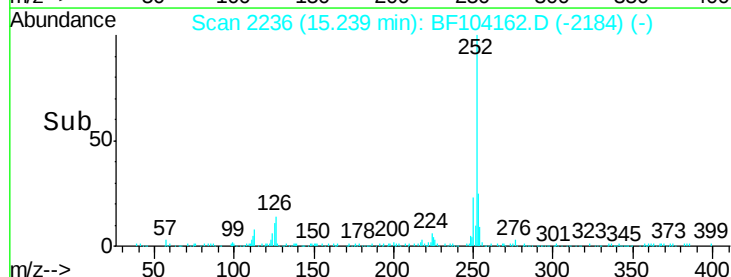
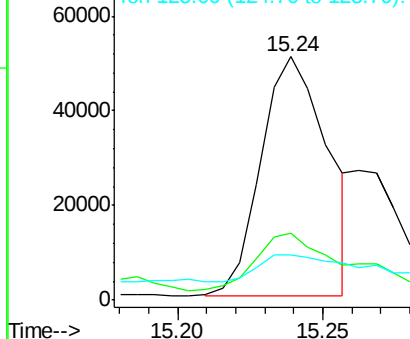
Tgt Ion:	252	Resp:	80645
Ion Ratio		Lower	Upper
252	100		
253	27.7	17.0	25.6#
125	18.7	9.0	13.6#

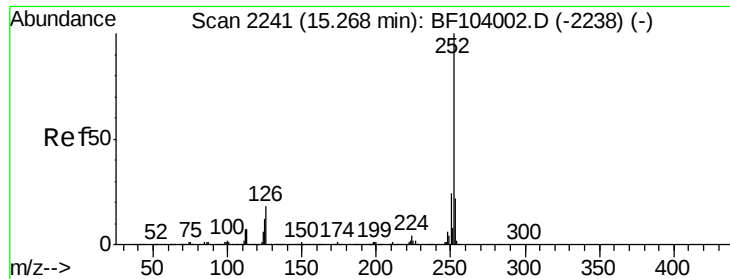


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





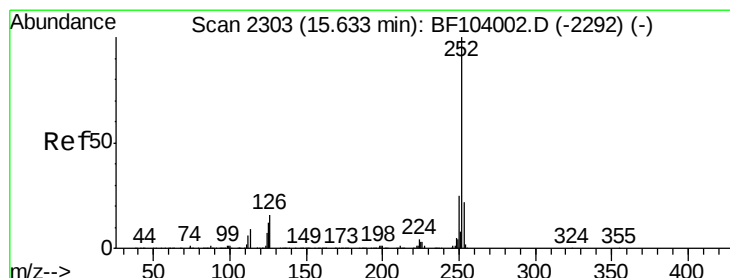
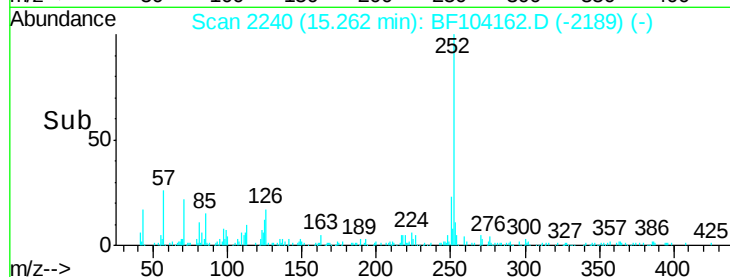
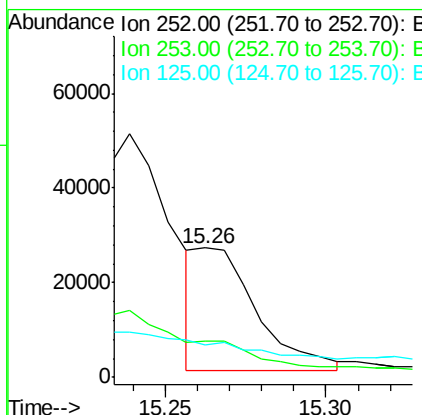
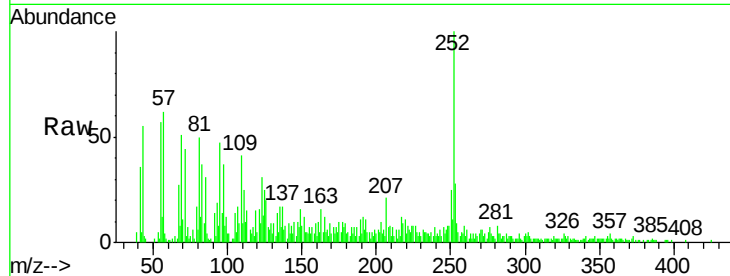
#88
Benzo(k)fluoranthene
Concen: 4.328 ng m
RT: 15.26 min Scan# 2240
Delta R.T. -0.00 min
Lab File: BF104162.D
Acq: 3 Apr 2018 5:43

Instrument :
BNA_F
ClientSampleId :
PA-10-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.6	17.9	26.9#
125	25.1	10.2	15.2#

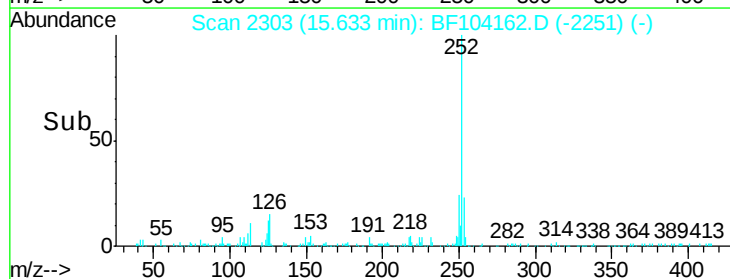
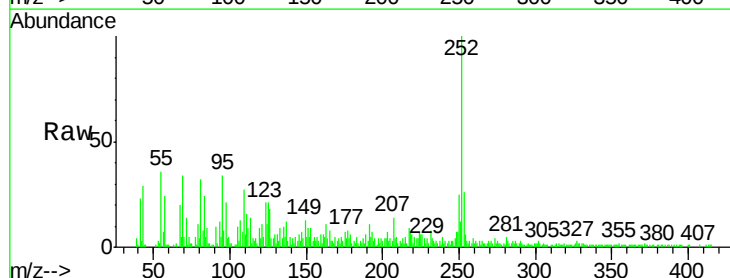
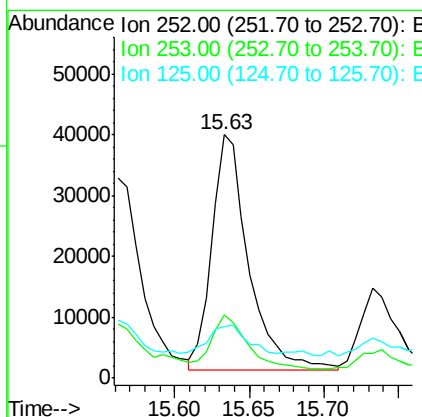
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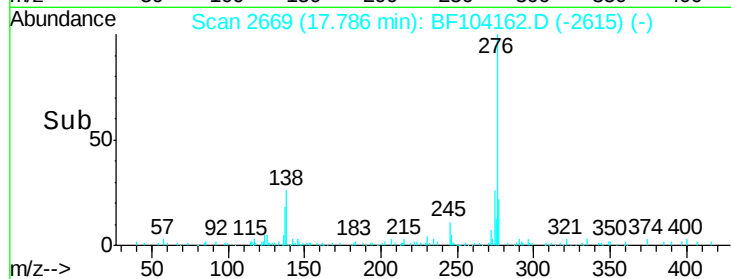
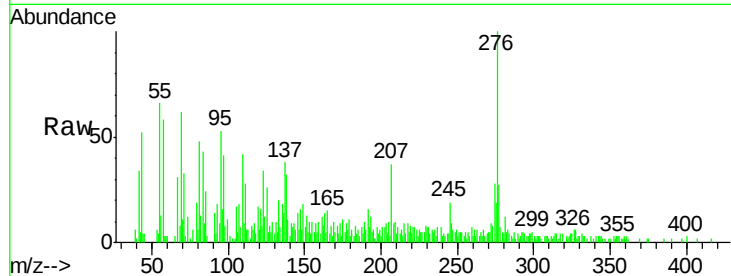
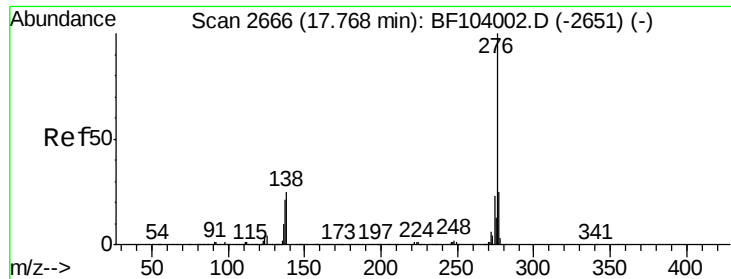
Sohil
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#89
Benzo(a)pyrene
Concen: 8.781 ng
RT: 15.63 min Scan# 2303
Delta R.T. 0.01 min
Lab File: BF104162.D
Acq: 3 Apr 2018 5:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.1	25.7#
125	21.2	9.8	14.6#





#91
 Benzo(a,h,i)perylene
 Concen: 6.322 ng
 RT: 17.79 min Scan# 2669
 Delta R.T. 0.02 min
 Lab File: BF104162.D
 Acq: 3 Apr 2018 5:43

Instrument :
 BNA_F
 ClientSampleId :
 PA-10-COMP

Tot Ion	Ratio	Lower	Upper
276	100		
277	27.4	17.9	26.9#
138	32.2	21.8	32.8

Manual Integrations
 APPROVED

Sohil
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