

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042418\
 Data File : BF104763.D
 Acq On : 24 Apr 2018 18:20
 Operator : JU/SJ
 Sample : J2151-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-042318-C

Manual Integrations
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 4/25/2018 4:22:54 PM

Quant Time: Apr 25 12:38:51 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 23 15:38:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	100818	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	408711	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	167285	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	262810	20.00	ng	0.00
75) Chrysene-d12	13.99	240	217154	20.00	ng	0.00
86) Perylene-d12	15.46	264	142026	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	605498	91.83	ng	0.02
7) Phenol-d6	6.46	99	724735	89.46	ng	0.01
23) Nitrobenzene-d5	7.37	82	432616	69.12	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	156013	89.91	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	757290	71.51	ng	0.00
78) Terphenyl-d14	12.93	244	638270	67.01	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.56	163	62056	4.704	ng	100
70) Phenanthrene	11.36	178	56121	3.835	ng	98
74) Fluoranthene	12.56	202	42674	2.791	ng	95
77) Pyrene	12.79	202	55058	3.421	ng	98
80) Benzo(a)anthracene	13.98	228	27185m	2.096	ng	
82) Chrysene	14.02	228	35942	2.697	ng	95
87) Benzo(b)fluoranthene	15.03	252	31590	3.522	ng	# 83
88) Benzo(k)fluoranthene	15.06	252	20982	2.478	ng	# 85
89) Benzo(a)pyrene	15.40	252	18100	2.255	ng	# 76
91) Benzo(g,h,i)perylene	17.38	276	16168	2.532	ng	# 86

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

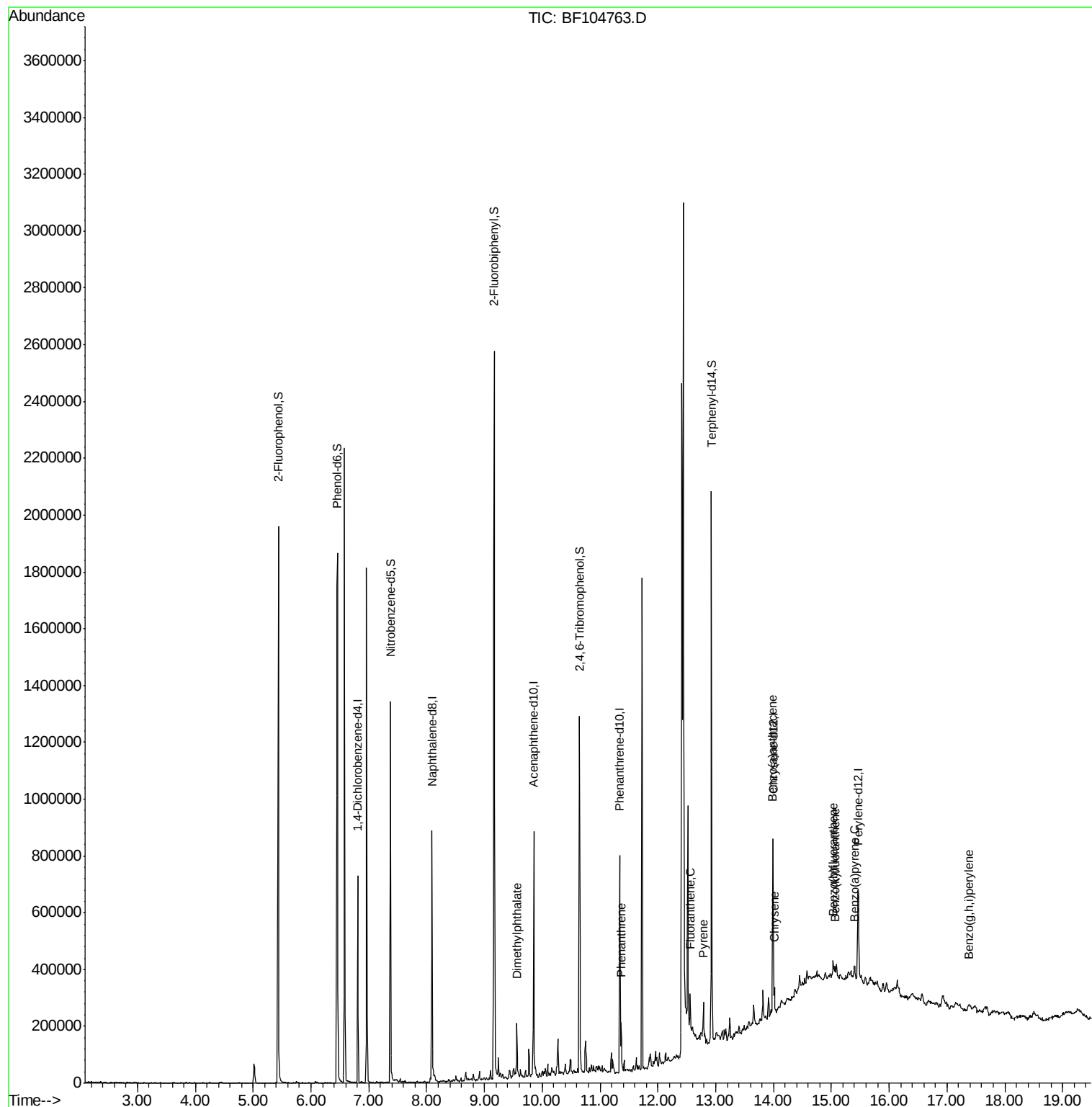
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042418\
Data File : BF104763.D
Acq On : 24 Apr 2018 18:20
Operator : JU/SJ
Sample : J2151-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

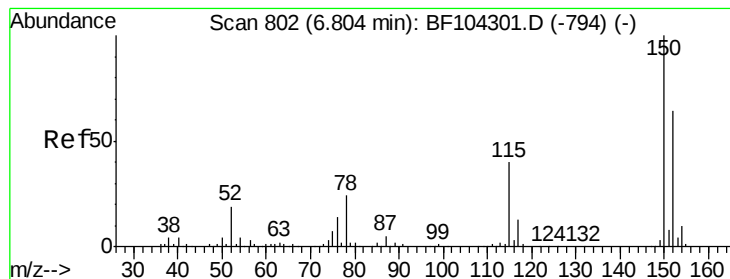
Instrument :
BNA_F
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AU-05-042318-C

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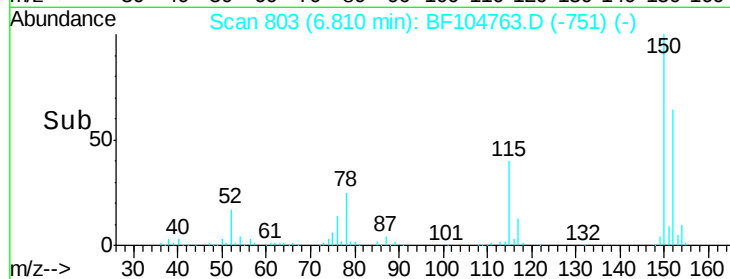
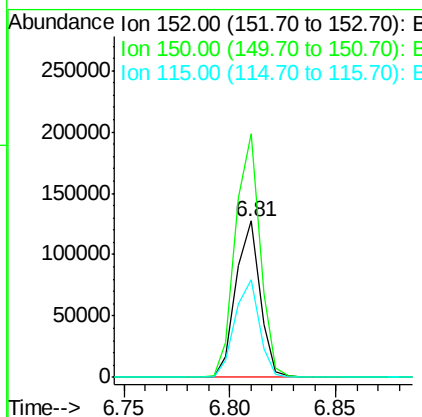
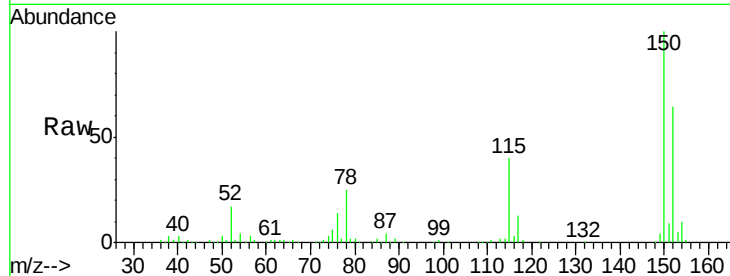
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. 0.01 min
 Lab File: BF104763.D
 Acq: 24 Apr 2018 18:20

Instrument :
 BNA_F
 ClientSampleID :
 AU-05-042318-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.6	186.8
115	62.7	50.1	75.1

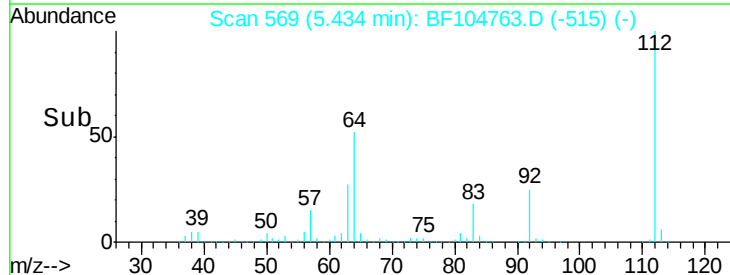
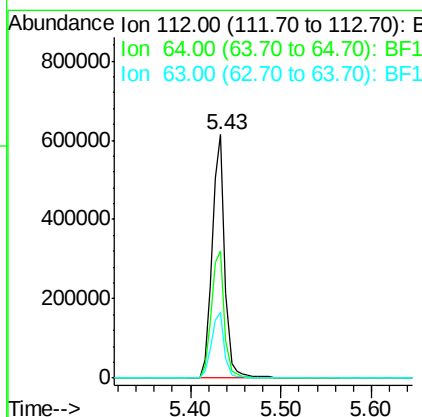
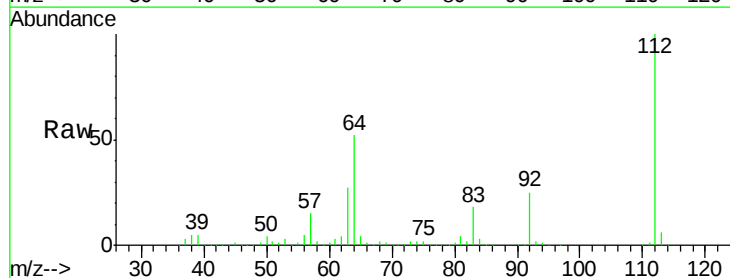
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#5
 2-Fluorophenol
 Concen: 91.833 ng
 RT: 5.43 min Scan# 569
 Delta R.T. 0.02 min
 Lab File: BF104763.D
 Acq: 24 Apr 2018 18:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.2	47.9	71.9
63	27.2	23.7	35.5





#7

Phenol-d6

Concen: 89.460 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF104763.D

Acq: 24 Apr 2018 18:20

Instrument :

BNA_F

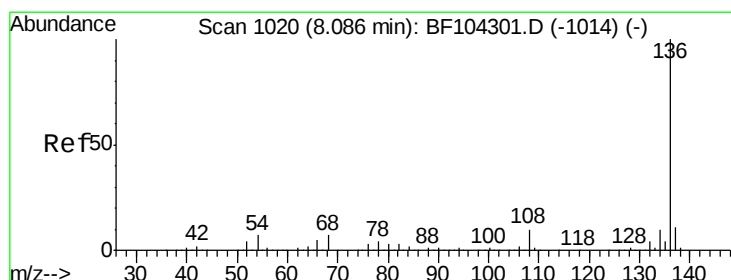
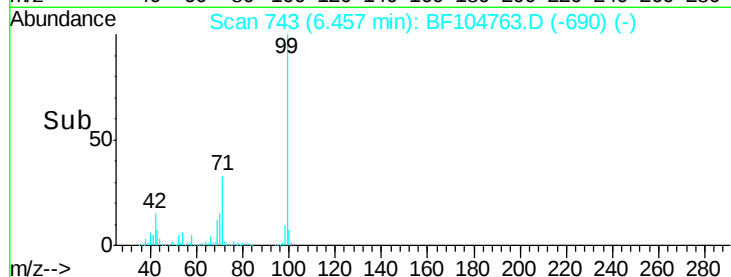
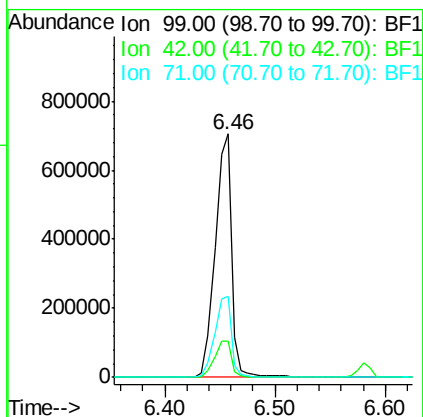
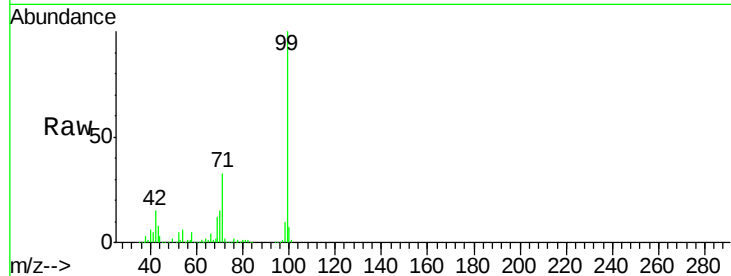
ClientSampleId :

AU-05-042318-C

Tot Ion:	99	Resp:	724735
Ion Ratio	Lower	Upper	
99	100		
42	15.1	14.5	21.7
71	33.1	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

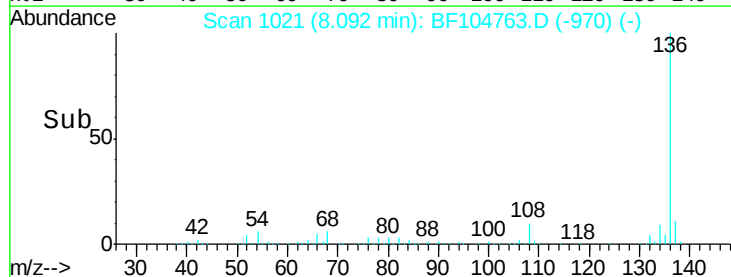
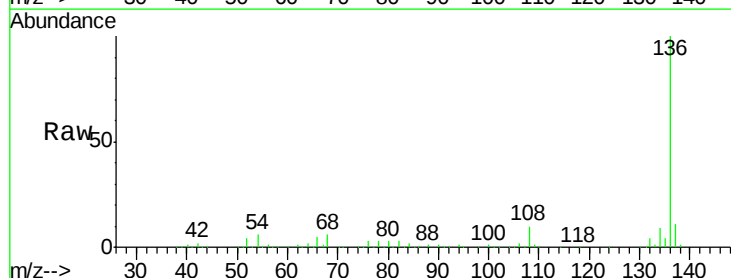
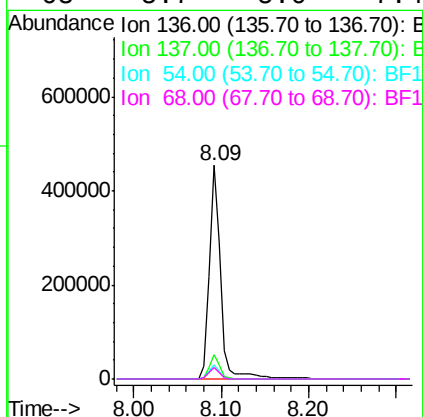
RT: 8.09 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BF104763.D

Acq: 24 Apr 2018 18:20

Tgt Ion:	136	Resp:	408711
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.9	13.3
54	6.3	6.6	9.8#
68	5.7	5.0	7.4





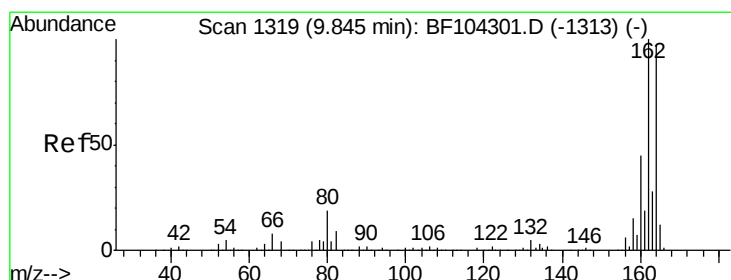
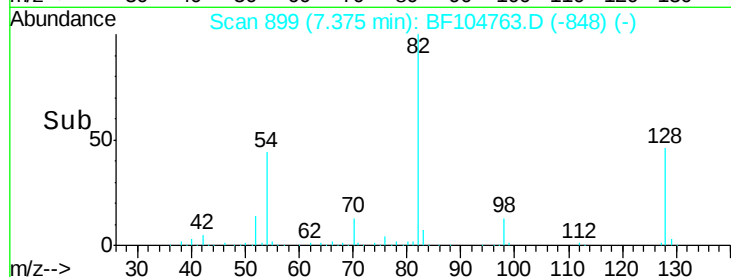
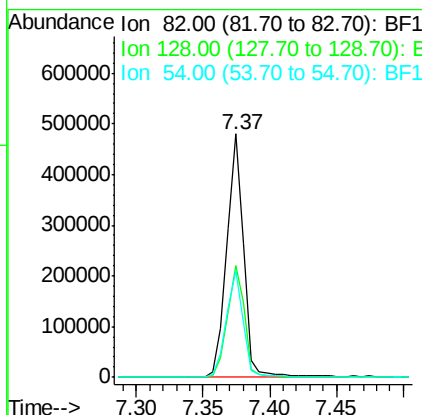
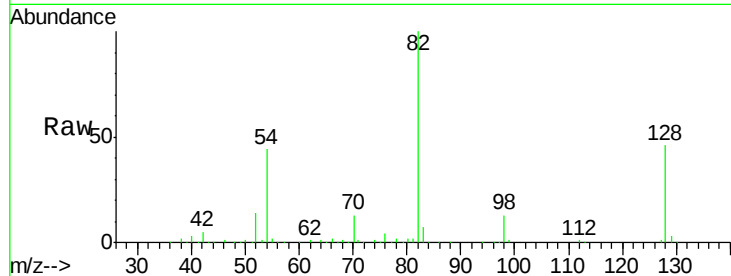
#23
 Nitrobenzene-d5
 Concen: 69.117 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: BF104763.D
 Acq: 24 Apr 2018 18:20

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-042318-C

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.1	54.1
54	44.0	41.4	62.2

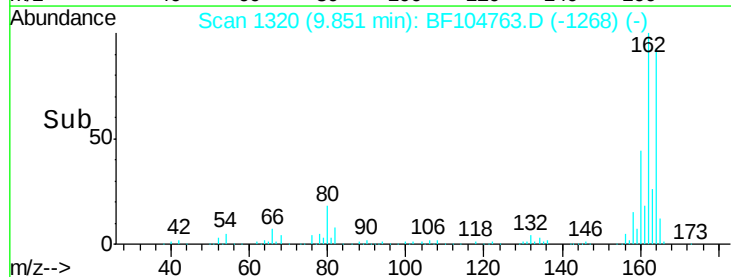
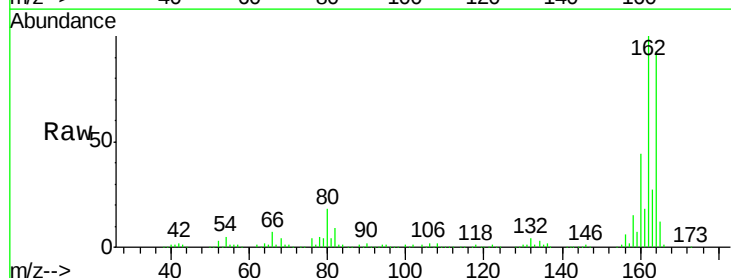
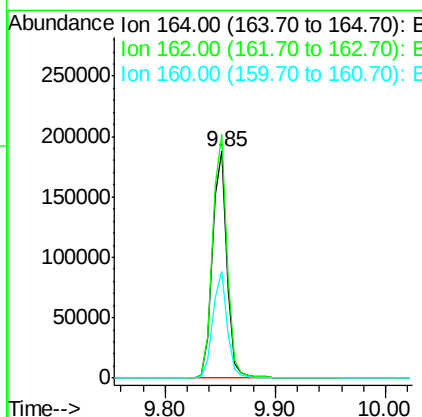
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.01 min
 Lab File: BF104763.D
 Acq: 24 Apr 2018 18:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.5	86.1	129.1
160	47.3	38.3	57.5





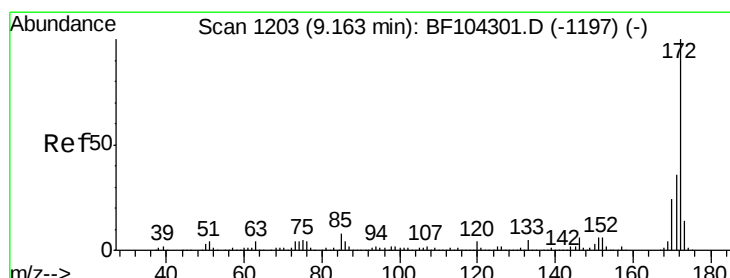
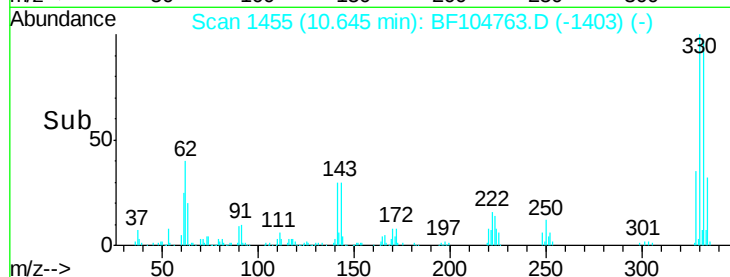
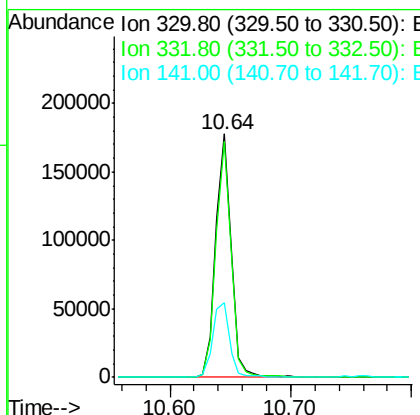
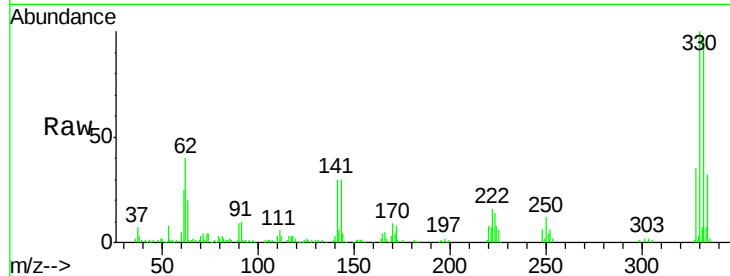
#41
 2,4,6-Tribromophenol
 Concen: 89.906 ng
 RT: 10.64 min Scan# 1455
 Delta R.T. 0.01 min
 Lab File: BF104763.D
 Acq: 24 Apr 2018 18:20

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-042318-C

Tot Ion	Ratio	Resp	Lower	Upper
330	100	156013		
332	95.7	77.0	115.6	
141	34.1	29.9	44.9	

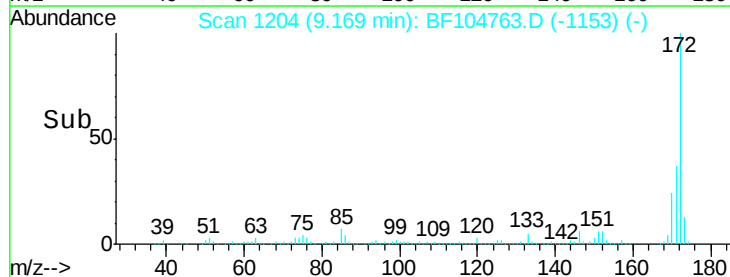
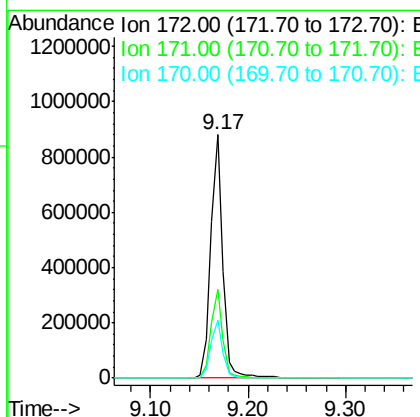
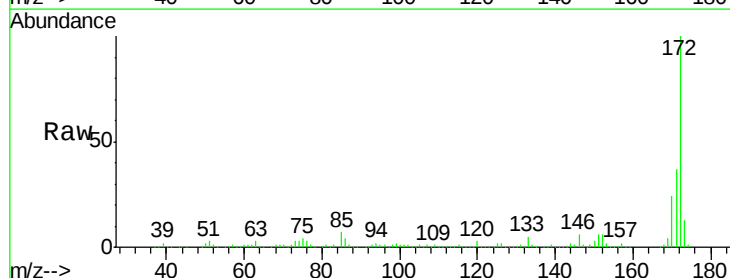
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#44
 2-Fluorobiphenyl
 Concen: 71.514 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF104763.D
 Acq: 24 Apr 2018 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	757290		
171	36.6	29.7	44.5	
170	24.0	19.6	29.4	





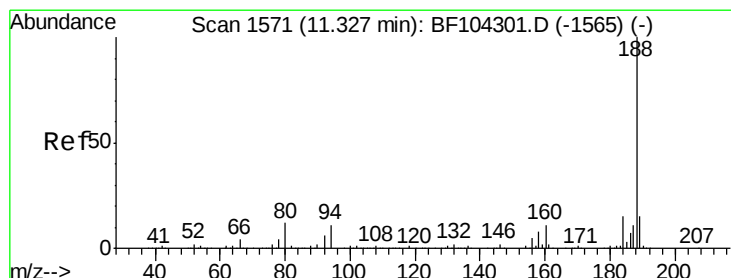
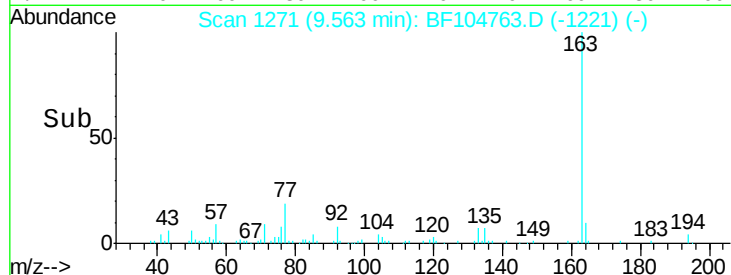
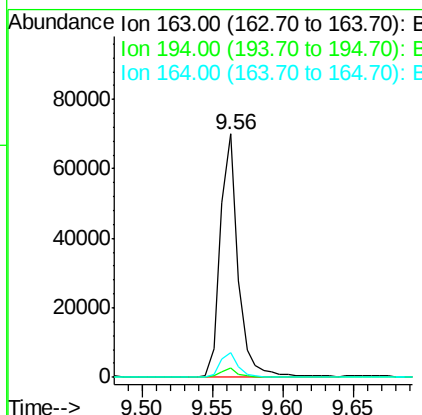
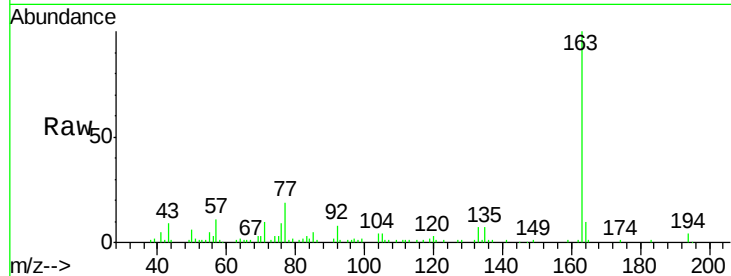
#49
Dimethylphthalate
Concen: 4.704 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF104763.D
Acq: 24 Apr 2018 18:20

Instrument :
BNA_F
ClientSampleId :
AU-05-042318-C

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.1	8.2	12.2

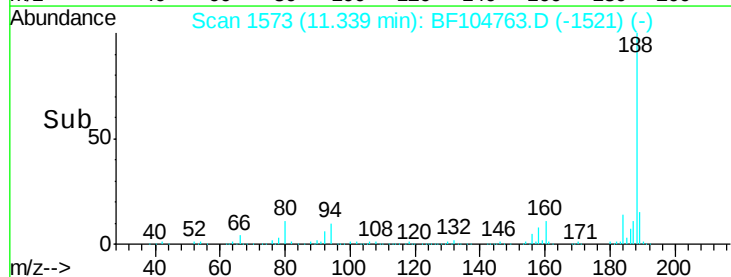
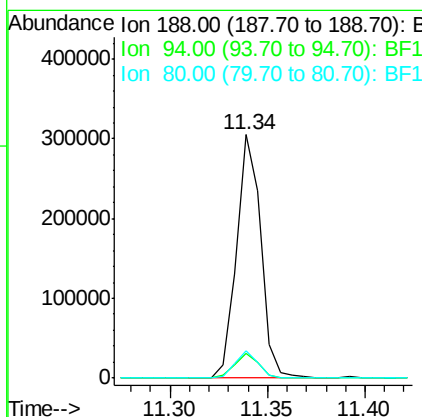
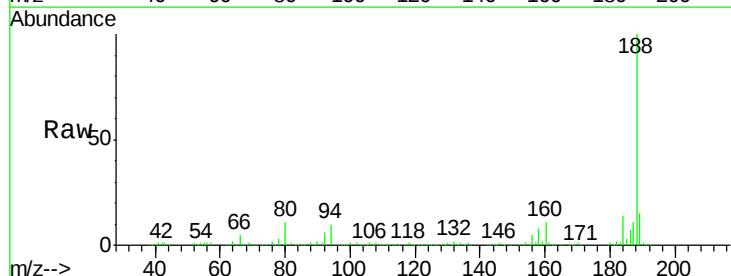
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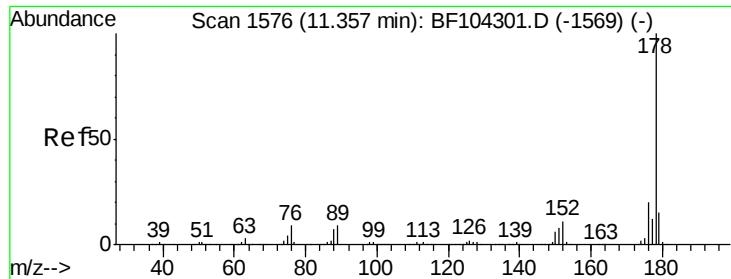
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF104763.D
Acq: 24 Apr 2018 18:20

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	11.1	9.2	13.8





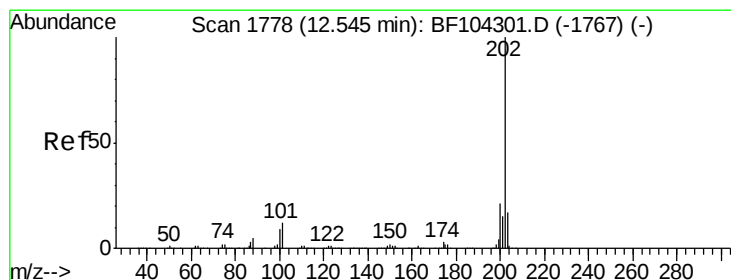
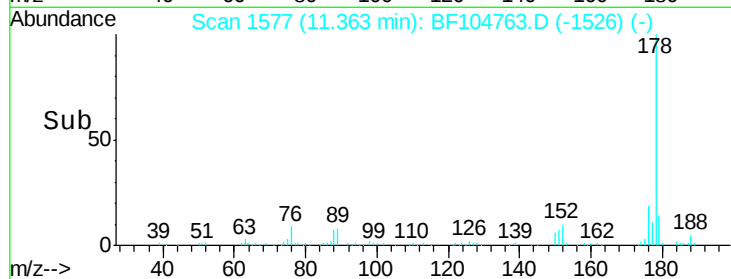
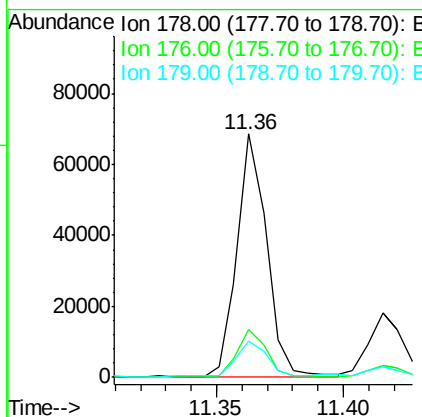
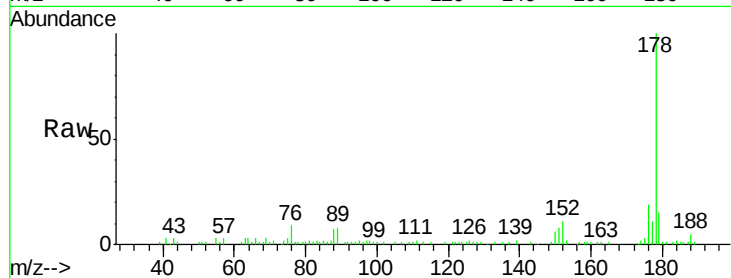
#70
Phenanthrene
Concen: 3.835 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BF104763.D
Acq: 24 Apr 2018 18:20

Instrument :
BNA_F
ClientSampleId :
AU-05-042318-C

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	14.9	13.0	19.6

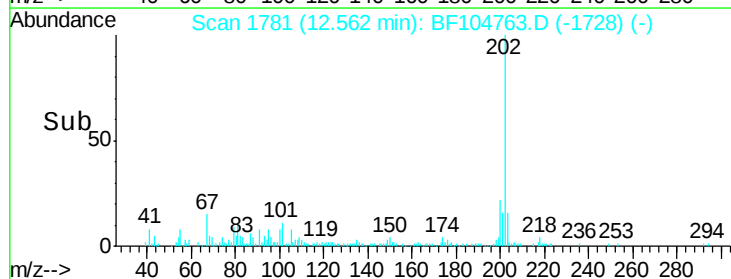
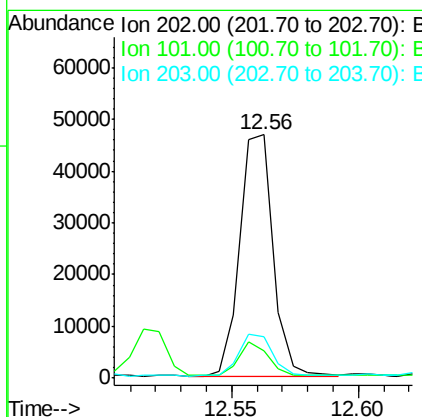
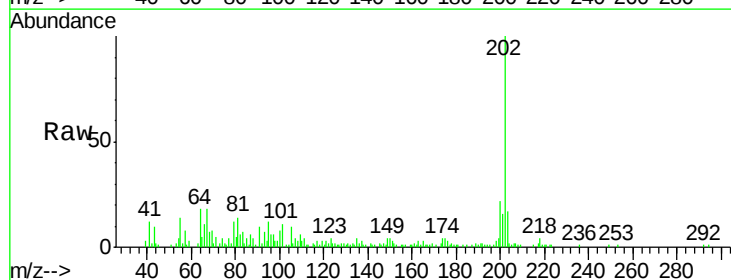
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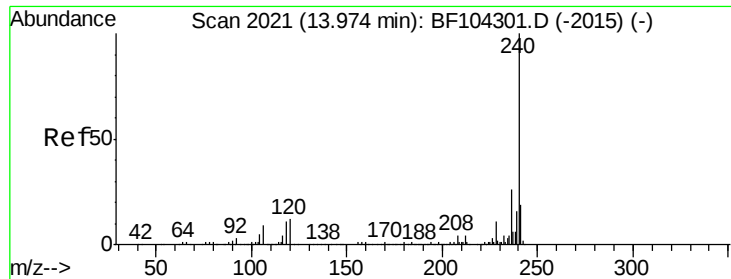
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#74
Fluoranthene
Concen: 2.791 ng
RT: 12.56 min Scan# 1781
Delta R.T. 0.01 min
Lab File: BF104763.D
Acq: 24 Apr 2018 18:20

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	34.1
203	16.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BF104763.D

Acq: 24 Apr 2018 18:20

Instrument :

BNA_F

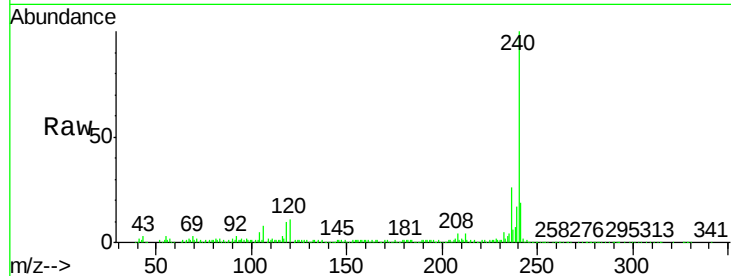
ClientSampleId :

AU-05-042318-C

Tot Ion:	240	Resp:	217154
Ion Ratio	Lower	Upper	
240	100		
120	11.2	9.5	14.3
236	26.2	20.7	31.1

Manual Integrations
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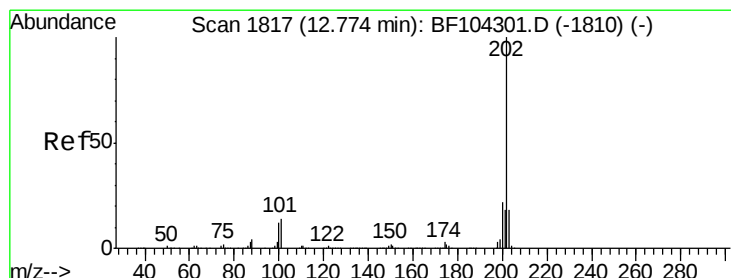
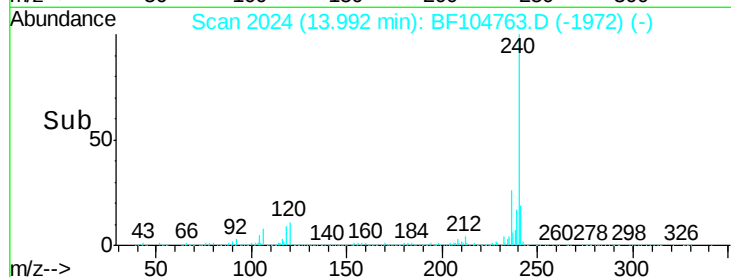
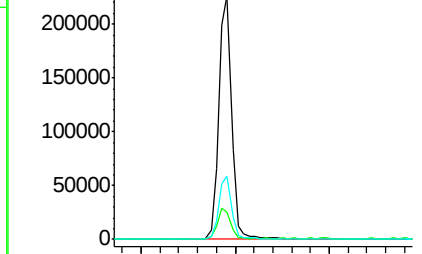
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 3.421 ng

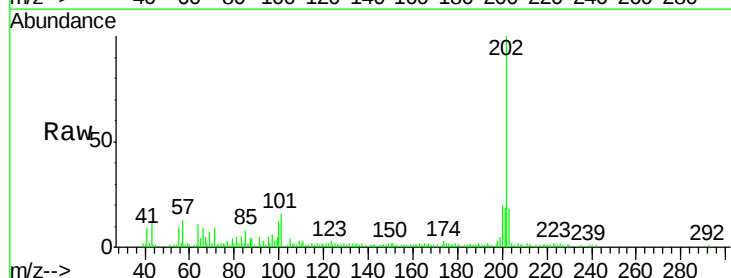
RT: 12.79 min Scan# 1819

Delta R.T. 0.01 min

Lab File: BF104763.D

Acq: 24 Apr 2018 18:20

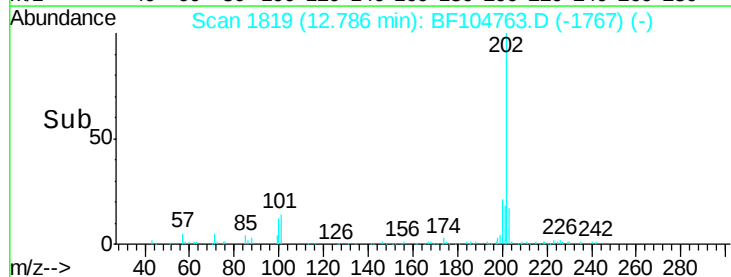
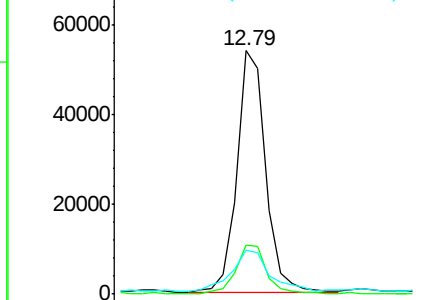
Tgt Ion:	202	Resp:	55058
Ion Ratio	Lower	Upper	
202	100		
200	20.2	17.4	26.2
203	17.9	14.3	21.5



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





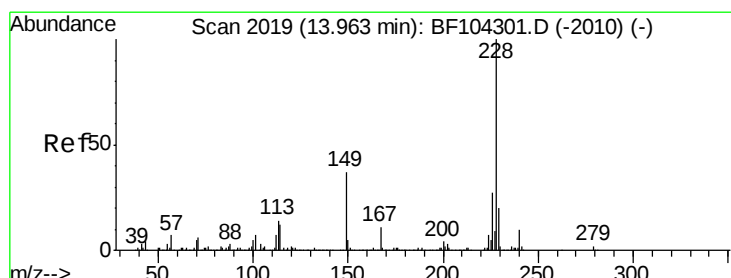
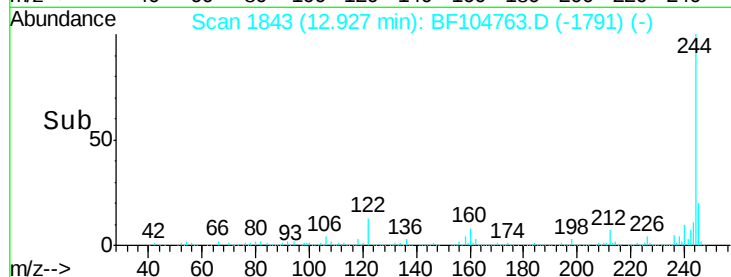
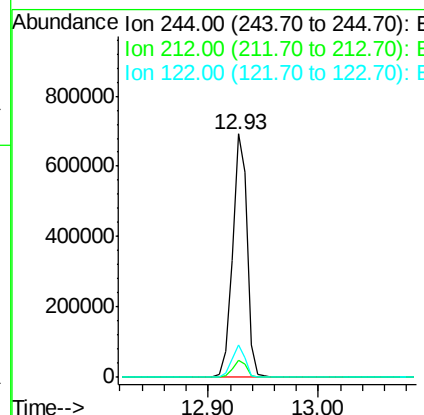
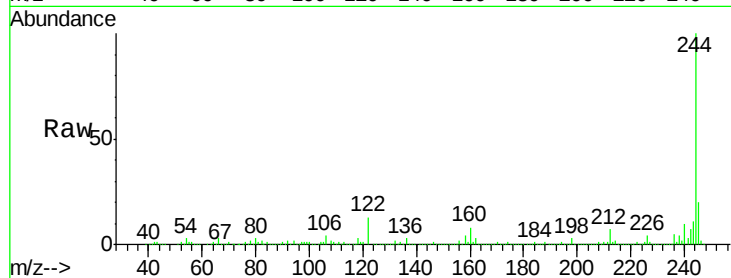
#78
 Terphenyl-d14
 Concen: 67.010 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: BF104763.D
 Acq: 24 Apr 2018 18:20

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-042318-C

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	13.1	11.0	16.4

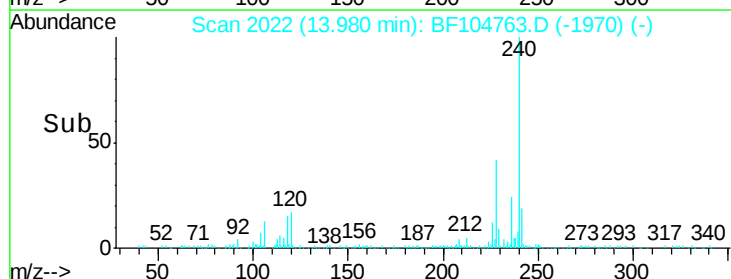
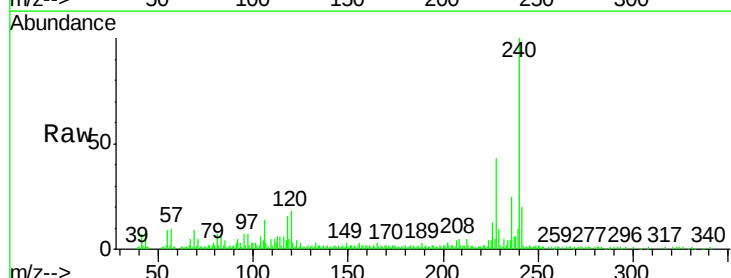
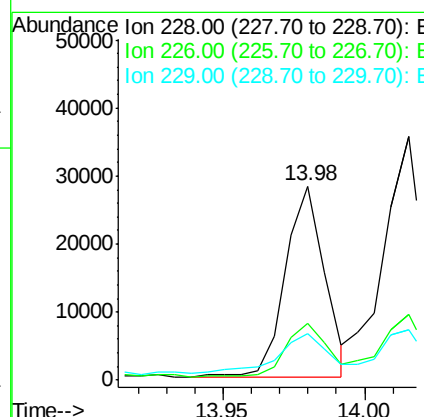
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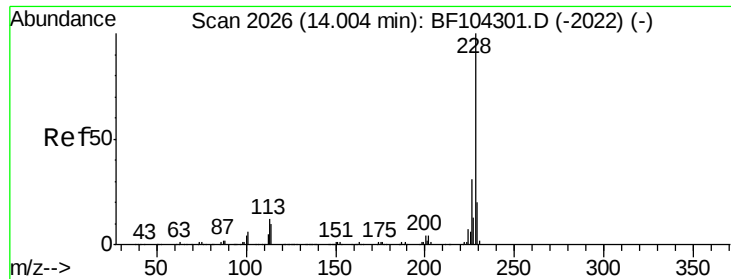
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#80
 Benzo(a)anthracene
 Concen: 2.096 ng m
 RT: 13.98 min Scan# 2022
 Delta R.T. 0.01 min
 Lab File: BF104763.D
 Acq: 24 Apr 2018 18:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.6	33.8
229	24.0	15.8	23.6





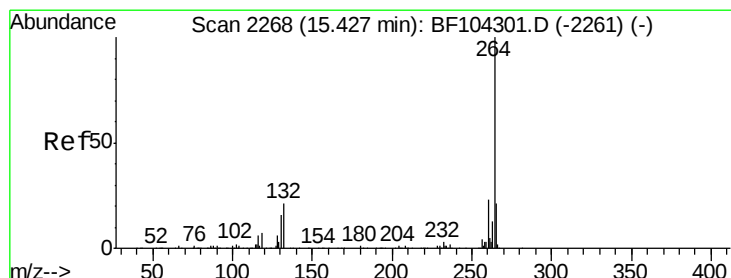
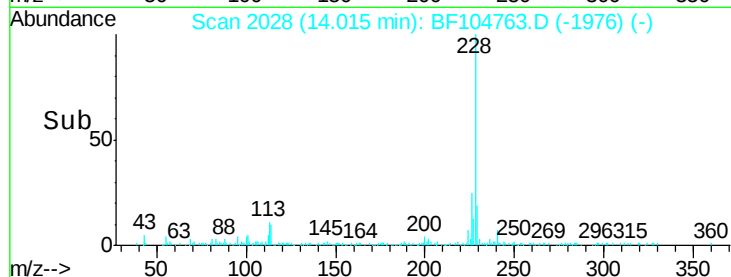
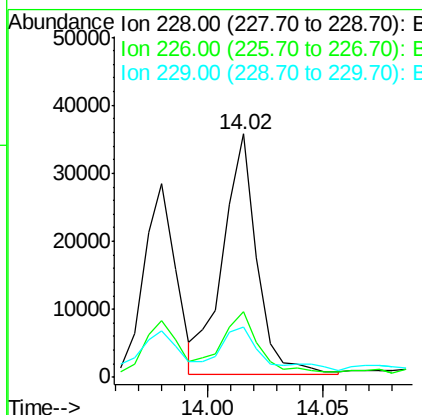
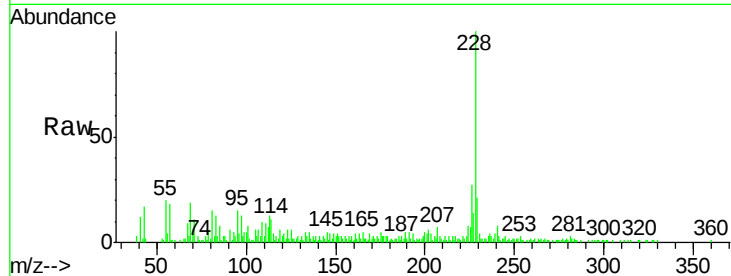
#82
Chrysene
Concen: 2.697 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BF104763.D
Acq: 24 Apr 2018 18:20

Instrument :
BNA_F
ClientSampleId :
AU-05-042318-C

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.0	25.0	37.6
229	20.7	16.2	24.4

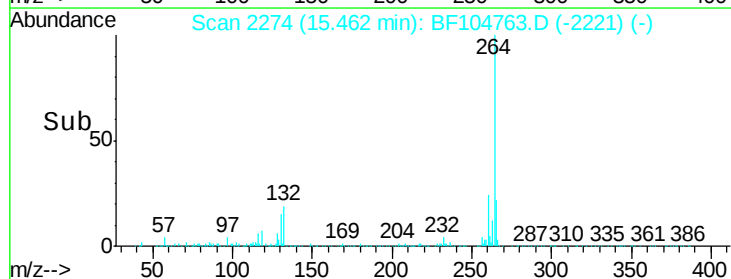
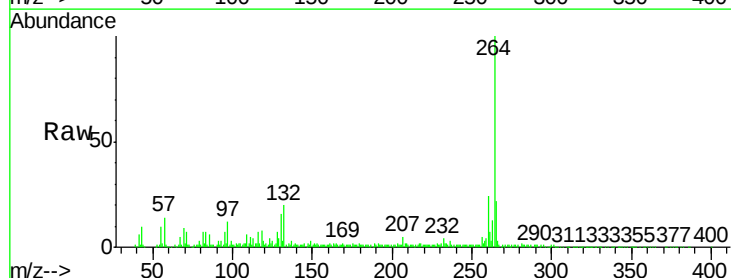
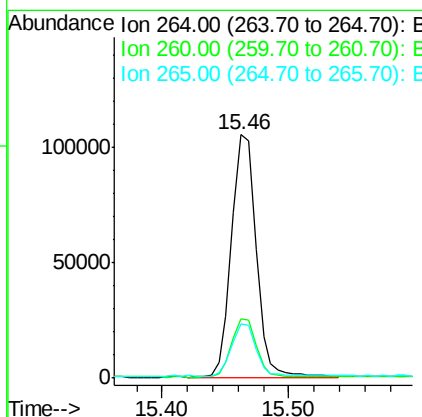
Manual Integrations
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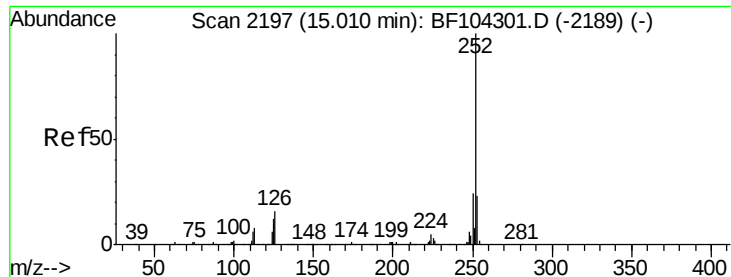
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF104763.D
Acq: 24 Apr 2018 18:20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.5	17.5	26.3





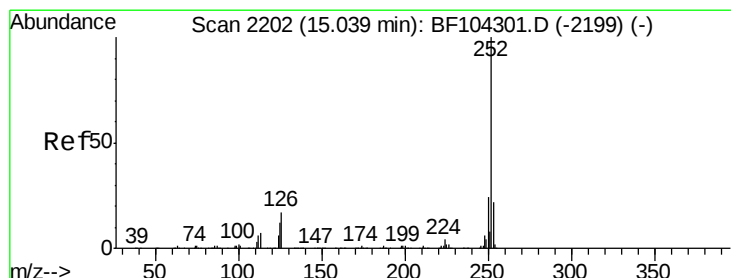
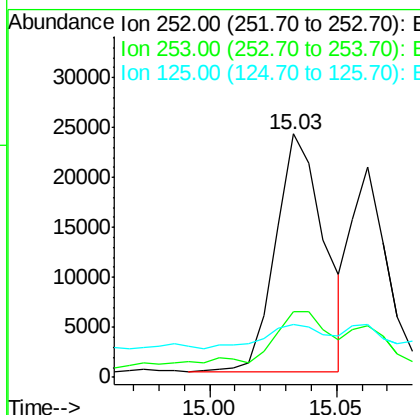
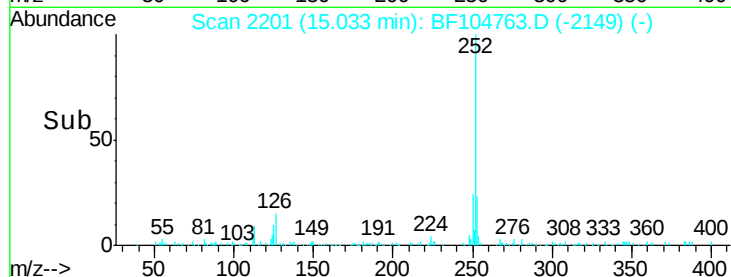
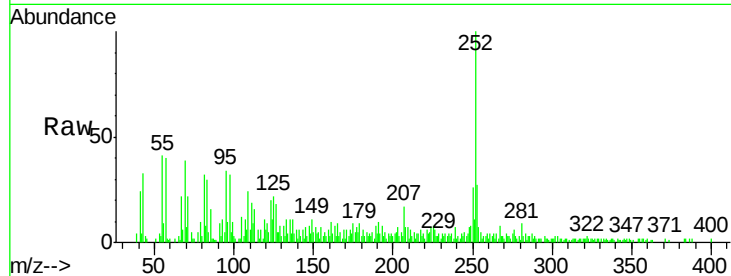
#87
Benzo(b)fluoranthene
Concen: 3.522 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BF104763.D
Acq: 24 Apr 2018 18:20

Instrument :
BNA_F
ClientSampleId :
AU-05-042318-C

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.9	17.0	25.6#
125	21.9	9.0	13.6#

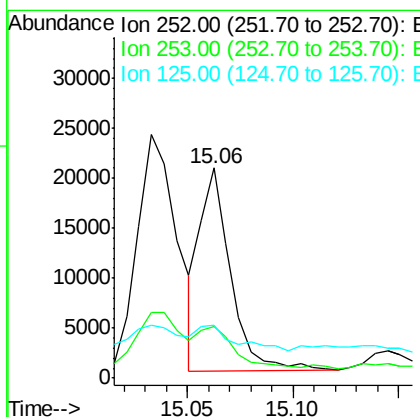
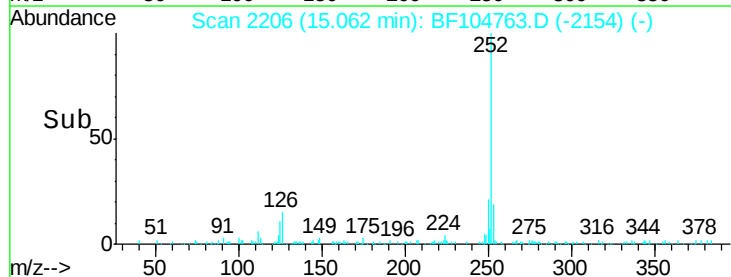
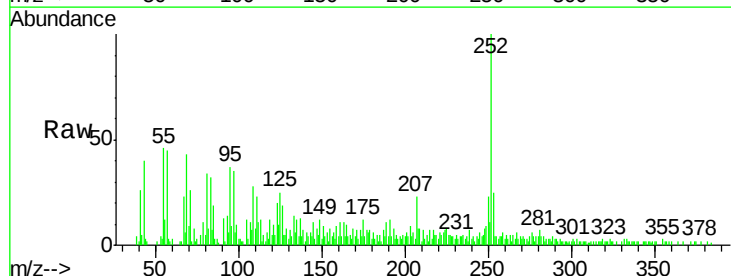
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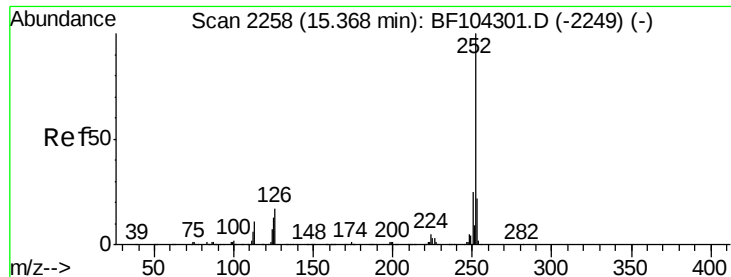
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#88
Benzo(k)fluoranthene
Concen: 2.478 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF104763.D
Acq: 24 Apr 2018 18:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.9	26.9
125	25.1	10.2	15.2#





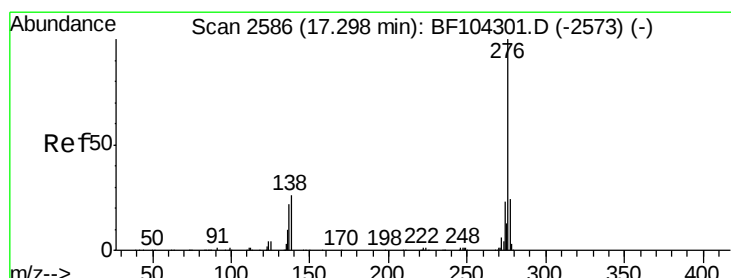
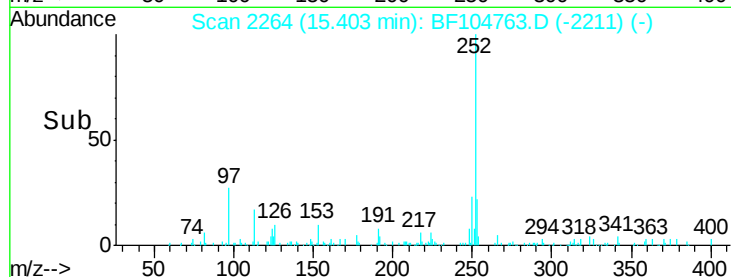
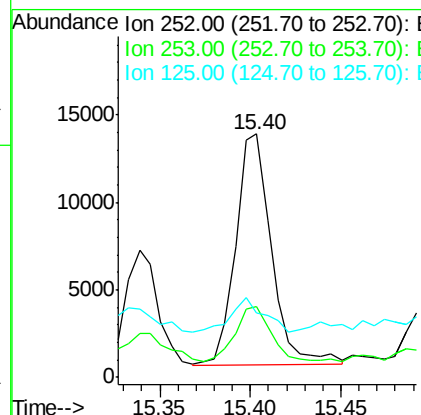
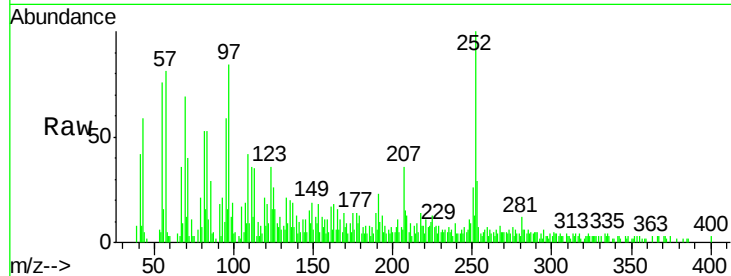
#89
Benzo(a)pyrene
Concen: 2.255 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.01 min
Lab File: BF104763.D
Acq: 24 Apr 2018 18:20

Instrument :
BNA_F
ClientSampleId :
AU-05-042318-C

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.0	17.1	25.7#
125	26.4	9.8	14.6#

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 2.532 ng
RT: 17.38 min Scan# 2600
Delta R.T. 0.03 min
Lab File: BF104763.D
Acq: 24 Apr 2018 18:20

Tgt Ion	Ratio	Lower	Upper
276	100		
277	27.7	17.9	26.9#
138	36.2	21.8	32.8#

