

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032718\
 Data File : BF103976.D
 Acq On : 27 Mar 2018 18:10
 Operator : JU/SJ
 Sample : J1749-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-032618

Manual Integrations
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Sohil
 3/28/2018 4:54:17 PM

Quant Time: Mar 28 05:05:29 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	149640	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	602185	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	258378	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	404683	20.00	ng	0.00
75) Chrysene-d12	14.16	240	287262	20.00	ng	-0.01
86) Perylene-d12	15.71	264	246790	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	826774	84.04	ng	0.02
7) Phenol-d6	6.60	99	1009211	83.85	ng	0.00
23) Nitrobenzene-d5	7.53	82	578643	67.01	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	211203	95.07	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	950287	58.67	ng	0.00
78) Terphenyl-d14	13.09	244	692901	55.99	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.72	163	105747	5.364	ng	99
74) Fluoranthene	12.72	202	80305	3.521	ng	99
77) Pyrene	12.96	202	73895	3.503	ng	97
80) Benzo(a)anthracene	14.14	228	42462	2.335	ng	96
82) Chrysene	14.19	228	38999	2.250	ng	97
87) Benzo(b)fluoranthene	15.24	252	43976m	2.820	ng	
89) Benzo(a)pyrene	15.64	252	28751	2.033	ng	# 73

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

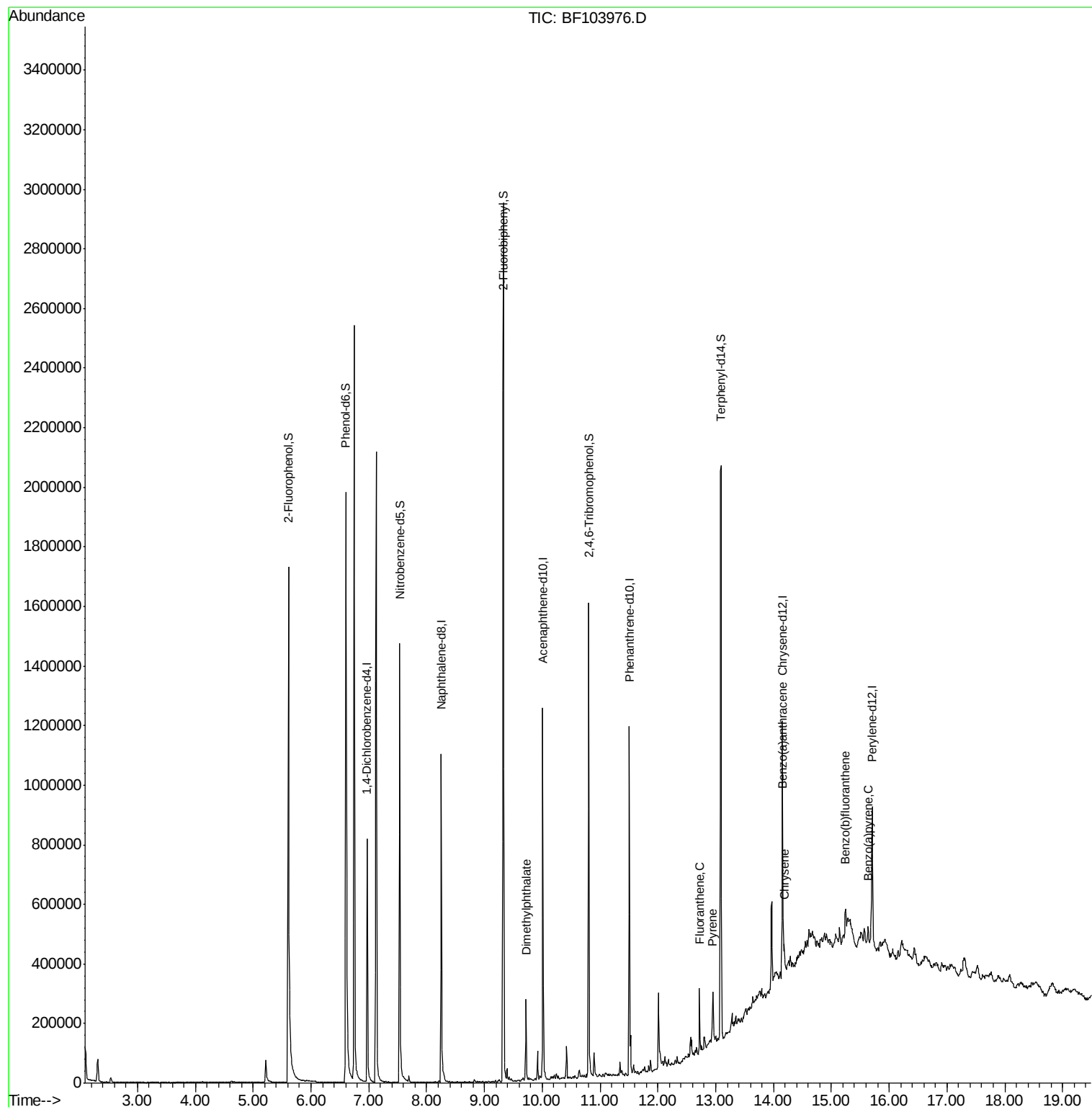
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032718\
Data File : BF103976.D
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Misc :
ALS Vial : 8 Sample Multiplier: 1

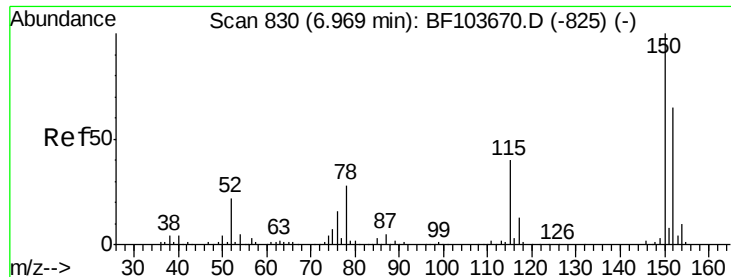
Instrument :
BNA_F
ClientSampleId :
BU-03-032618

Manual Integrations
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Quant Time: Mar 28 05:05:29 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
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#1

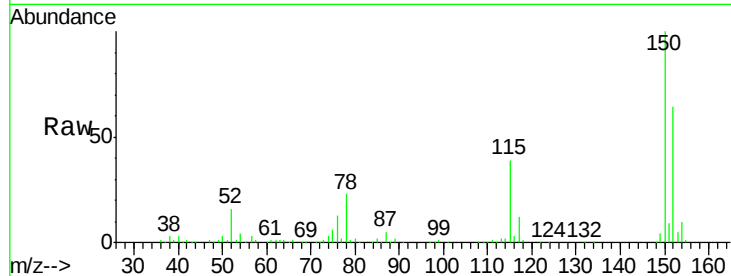
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF103976.D
Acq: 27 Mar 2018 18:10

Instrument :
BNA_F
ClientSampleId :
BU-03-032618

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.6	186.8
115	60.1	50.1	75.1

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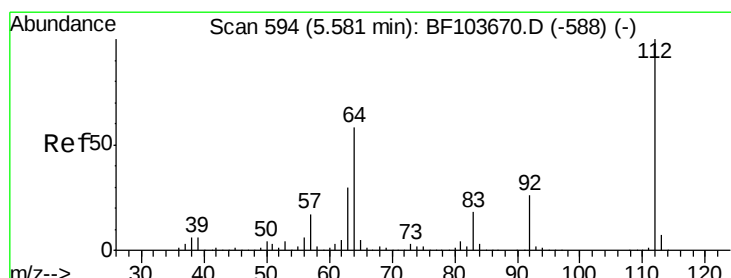
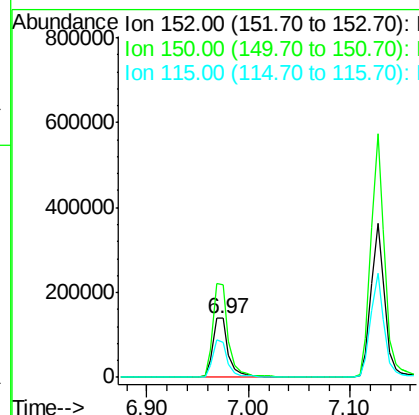
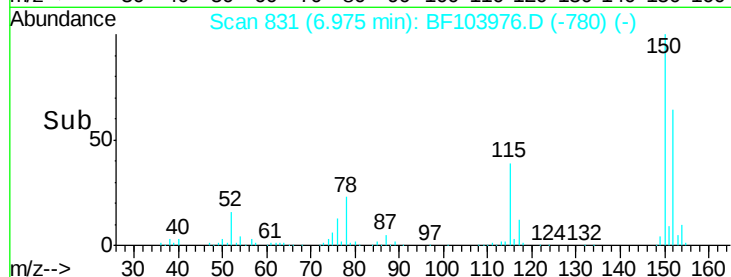


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

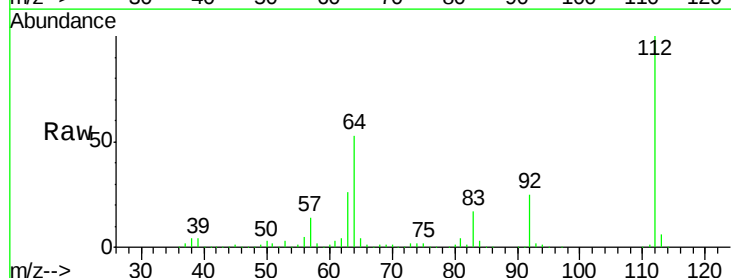
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 84.036 ng
RT: 5.61 min Scan# 599
Delta R.T. 0.02 min
Lab File: BF103976.D
Acq: 27 Mar 2018 18:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.7	47.9	71.9
63	26.5	23.7	35.5

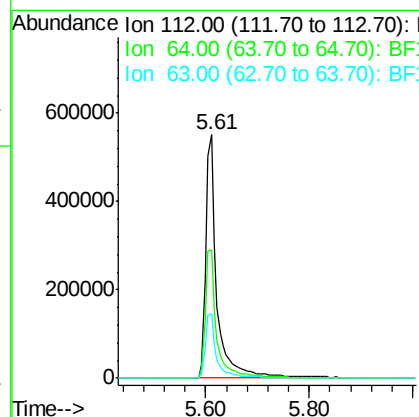
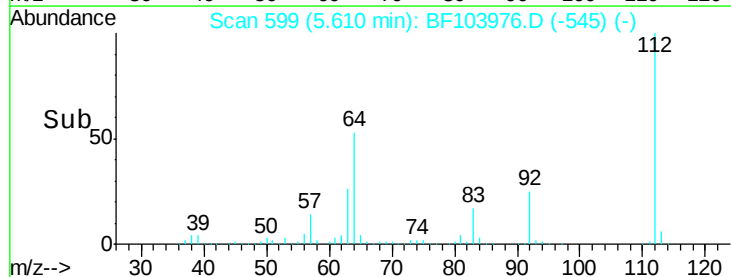


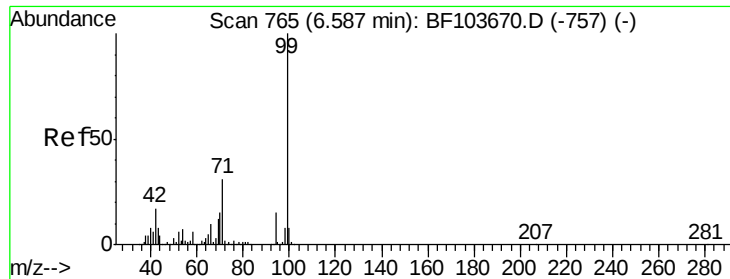
Abundance

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: 83.846 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF103976.D

Acq: 27 Mar 2018 18:10

Instrument :

BNA_F

ClientSampled :

BU-03-032618

Tot Ion: 99 Resp: 1009211

Ion Ratio Lower Upper

99 100

42 15.4 14.5 21.7

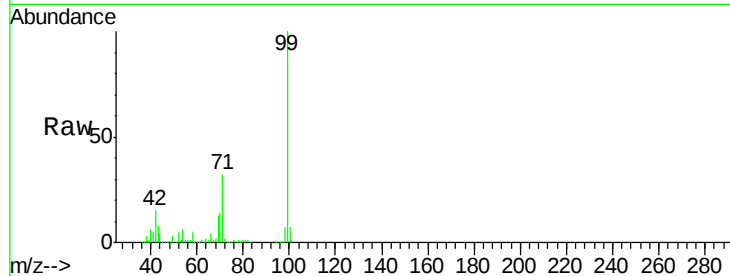
71 32.0 25.4 38.0

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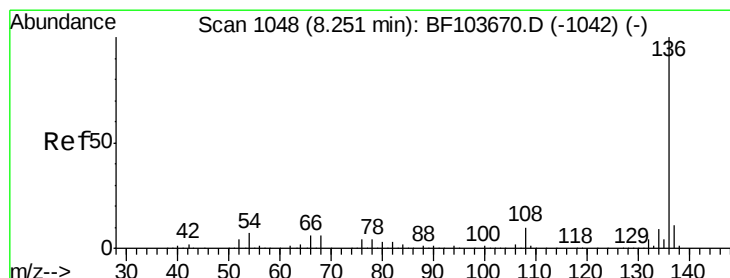
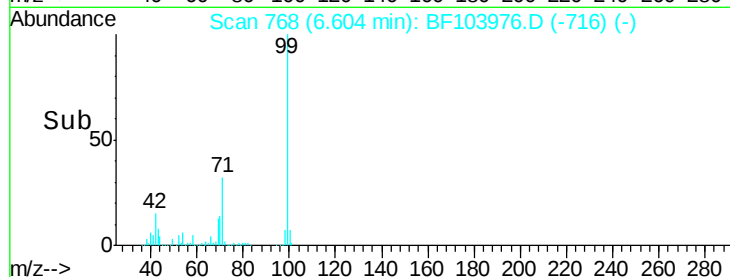
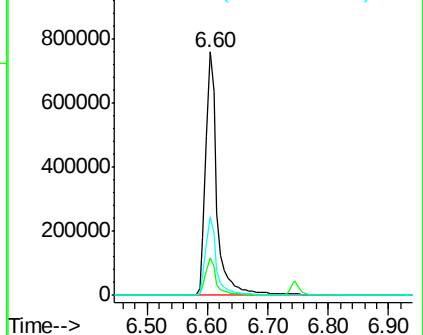
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BF103976.D

Acq: 27 Mar 2018 18:10

Tgt Ion: 136 Resp: 602185

Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 7.2 6.6 9.8

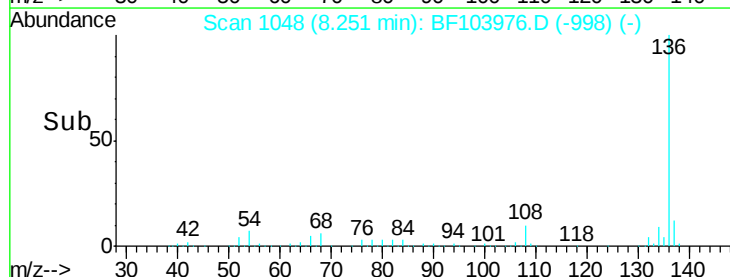
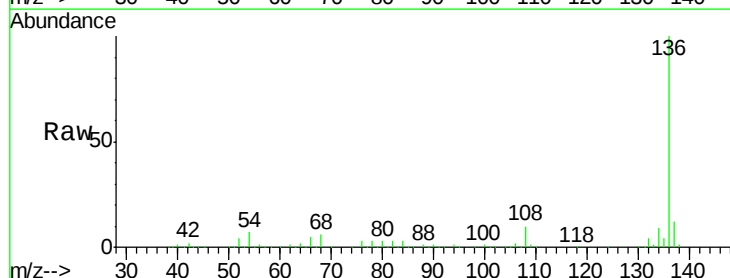
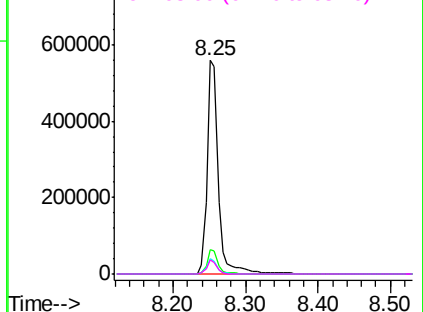
68 6.5 5.0 7.4

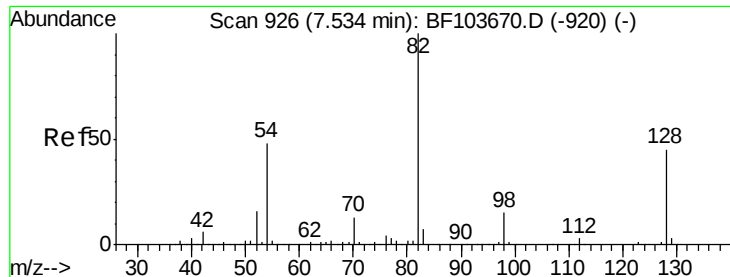
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





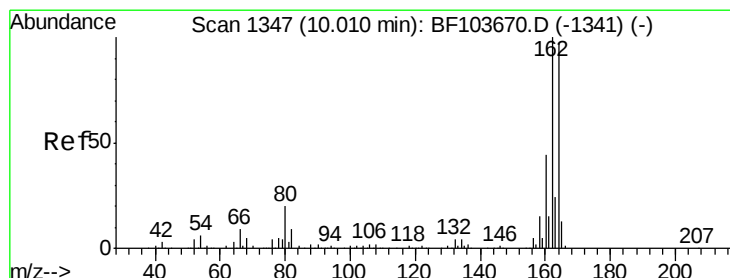
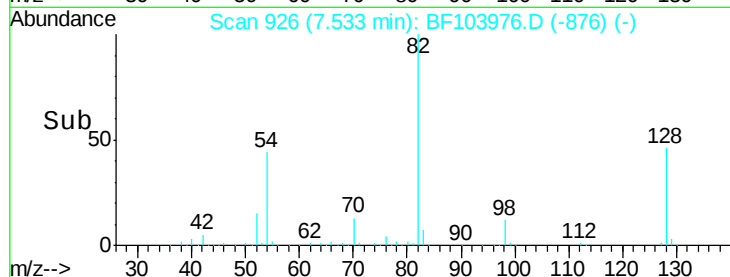
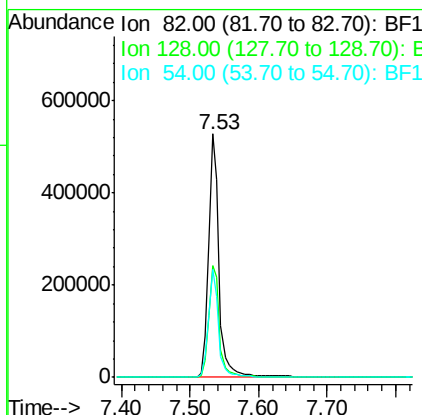
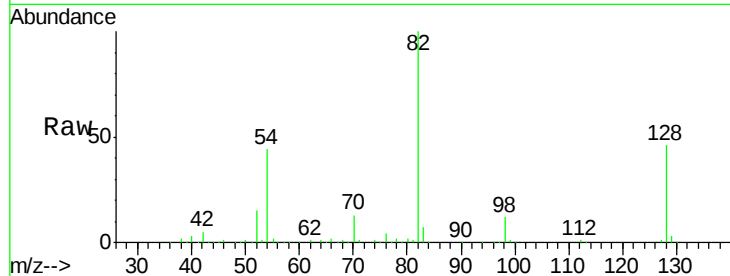
#23
Nitrobenzene-d5
Concen: 67.010 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF103976.D
Acq: 27 Mar 2018 18:10

Instrument :
BNA_F
ClientSampleId :
BU-03-032618

Tot Ion	82	Resp	578643
Ion Ratio	100	Lower	Upper
82	100		
128	45.9	36.1	54.1
54	44.5	41.4	62.2

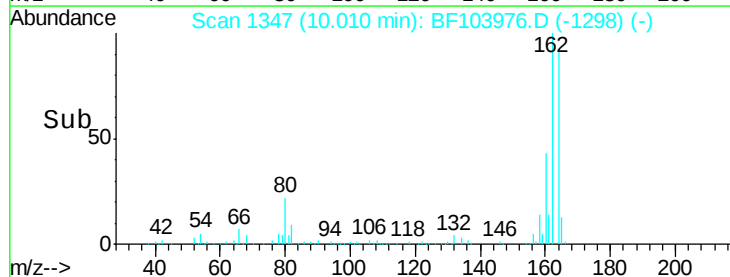
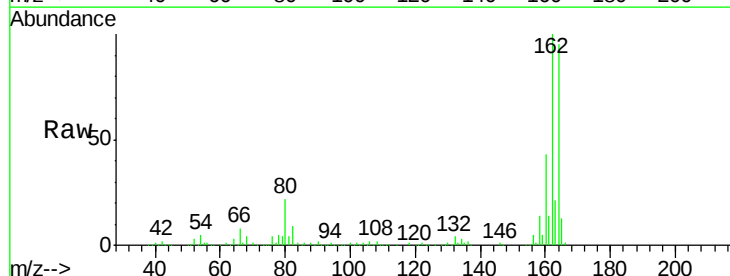
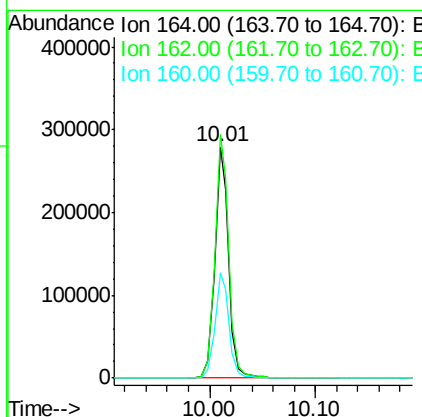
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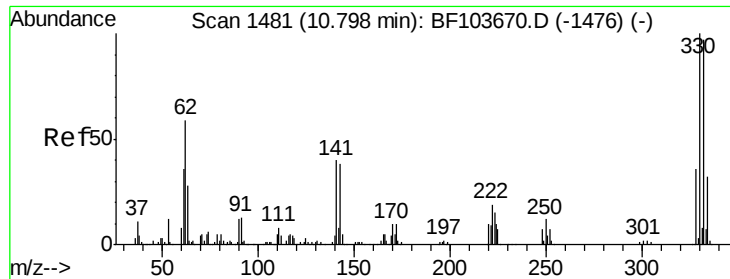
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF103976.D
Acq: 27 Mar 2018 18:10

Tgt Ion	164	Resp	258378
Ion Ratio	100	Lower	Upper
164	100		
162	105.3	86.1	129.1
160	45.6	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 95.070 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF103976.D

Acq: 27 Mar 2018 18:10

Instrument :

BNA_F

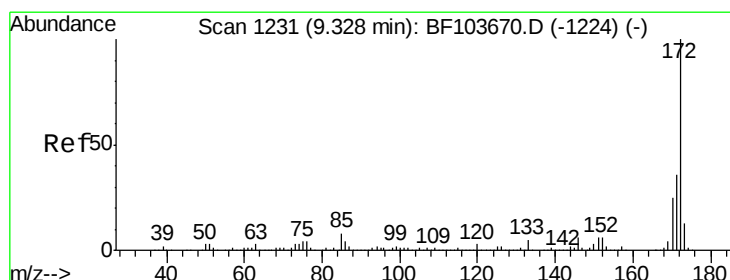
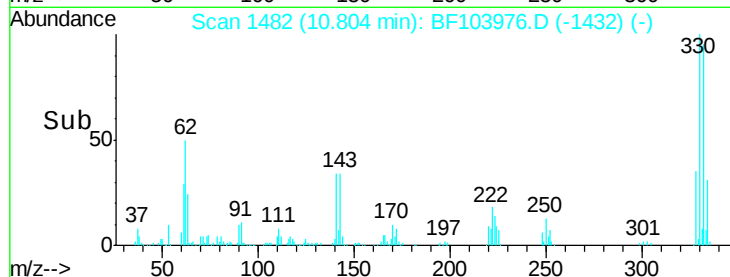
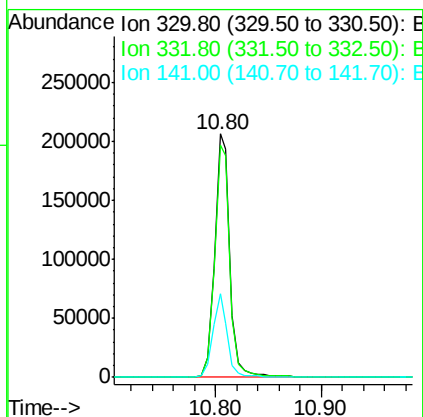
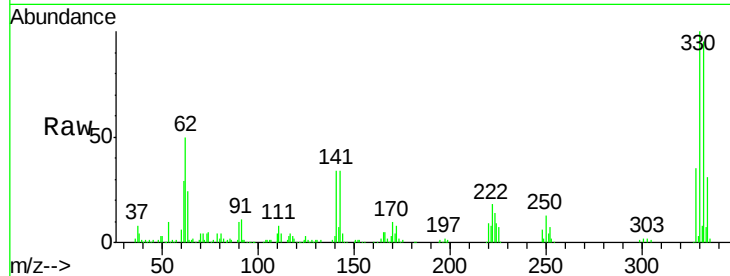
ClientSampled :

BU-03-032618

Tot Ion:	330	Resp:	211203
Ion Ratio	Lower	Upper	
330	100		
332	96.5	77.0	115.6
141	32.6	29.9	44.9

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#44

2-Fluorobiphenyl

Concen: 58.668 ng

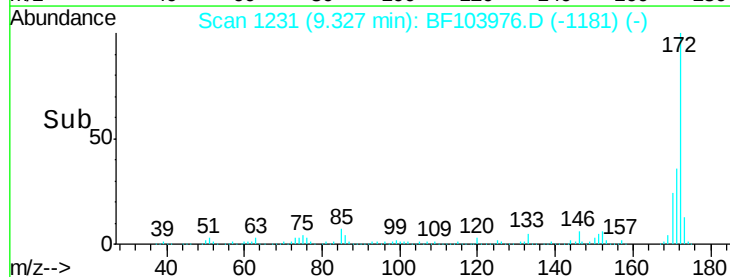
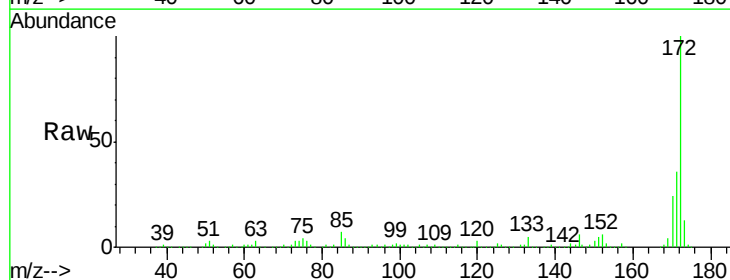
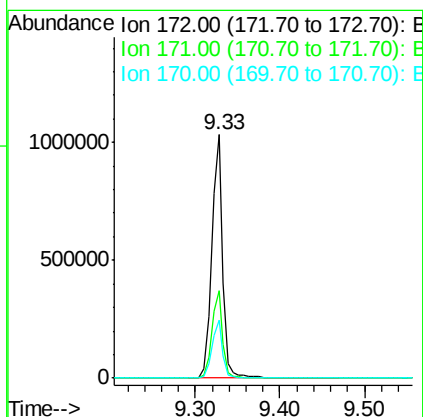
RT: 9.33 min Scan# 1231

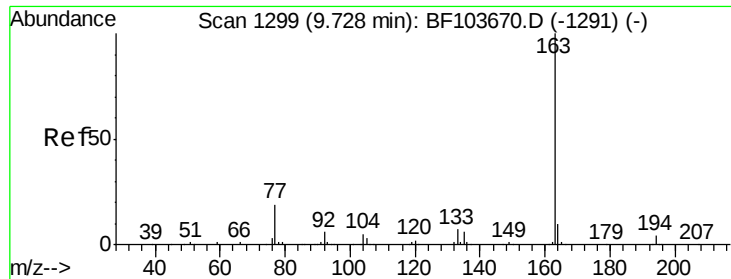
Delta R.T. -0.01 min

Lab File: BF103976.D

Acq: 27 Mar 2018 18:10

Tgt Ion:	172	Resp:	950287
Ion Ratio	Lower	Upper	
172	100		
171	35.8	29.7	44.5
170	24.0	19.6	29.4





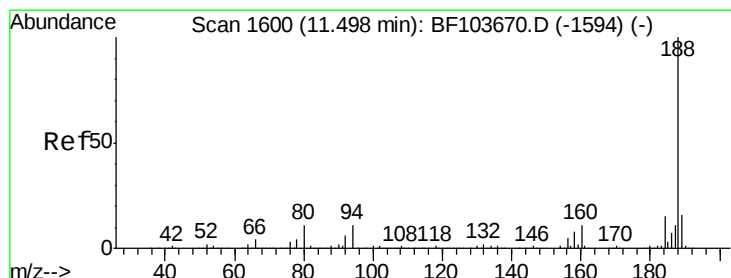
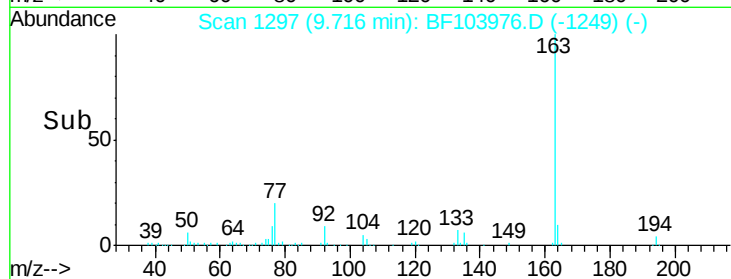
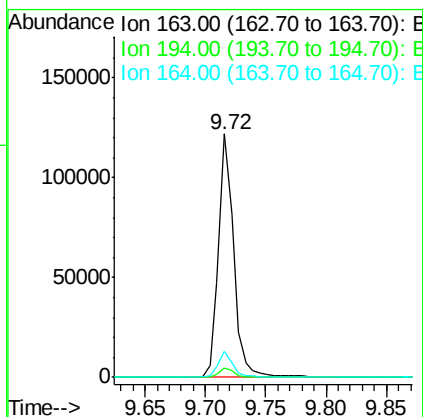
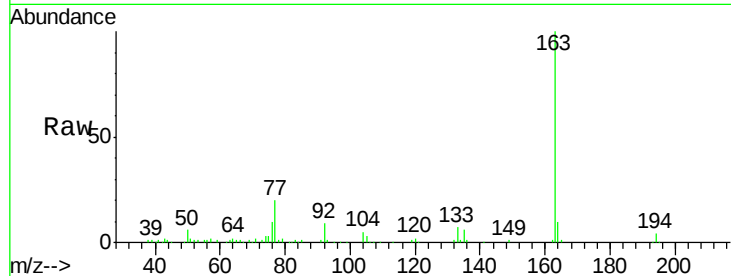
#49
Dimethylphthalate
Concen: 5.364 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF103976.D
Acq: 27 Mar 2018 18:10

Instrument :
BNA_F
ClientSampleId :
BU-03-032618

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.5	8.2	12.2

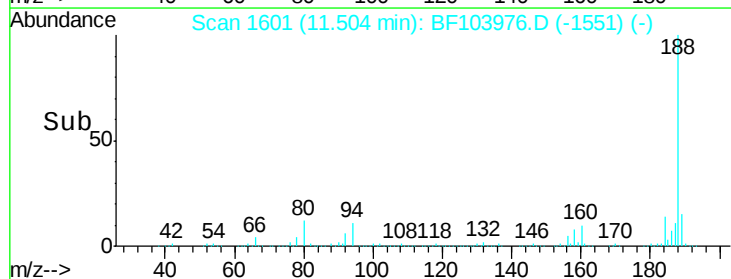
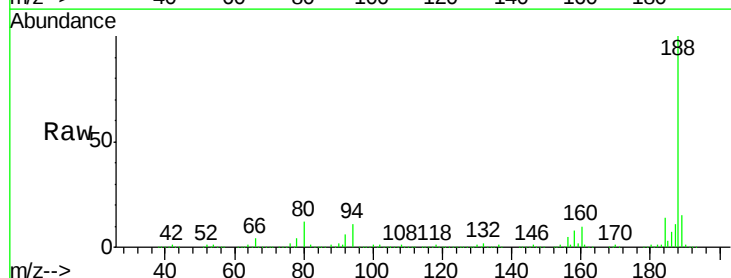
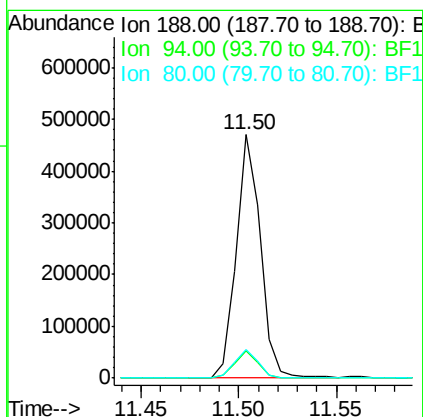
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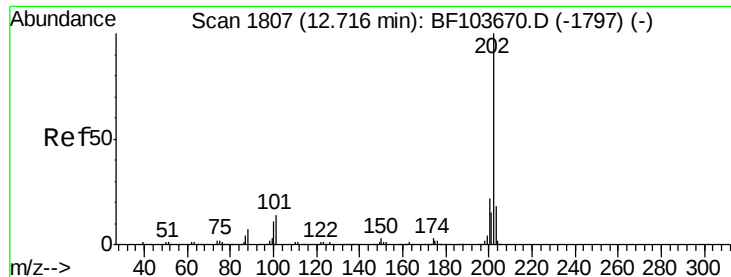
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF103976.D
Acq: 27 Mar 2018 18:10

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.5	12.7
80	11.6	9.2	13.8





#74

Fluoranthene

Concen: 3.521 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF103976.D

Acq: 27 Mar 2018 18:10

Instrument :

BNA_F

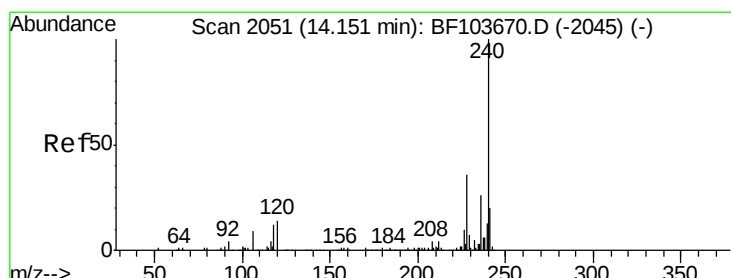
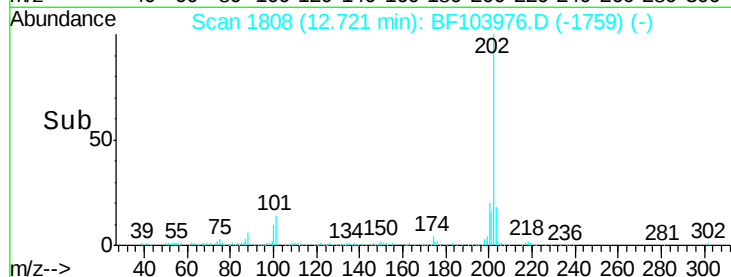
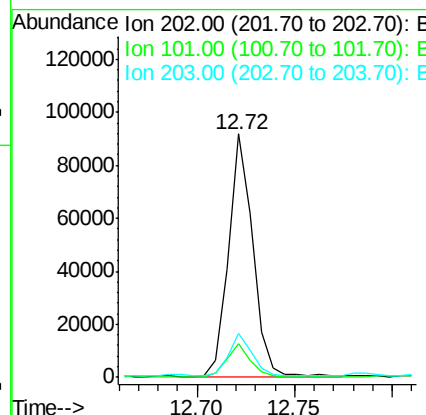
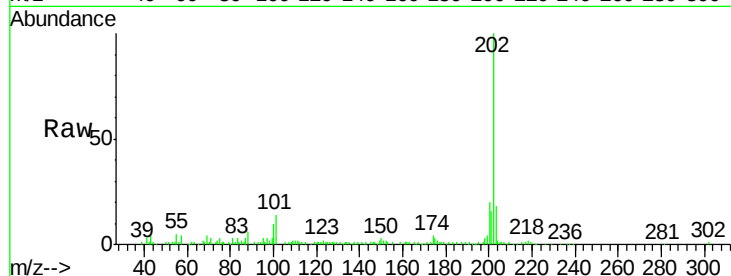
ClientSampleId :

BU-03-032618

Tot Ion:	202	Resp:	80305
Ion Ratio	Lower	Upper	
202	100		
101	13.7	0.0	34.1
203	18.3	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

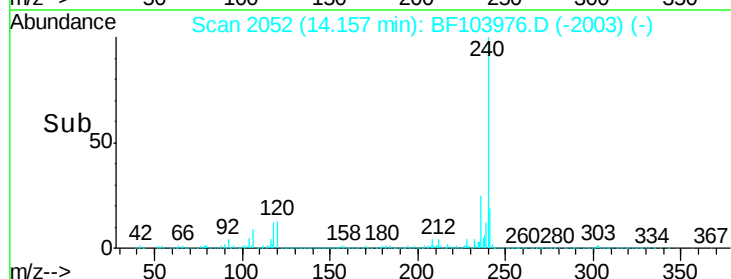
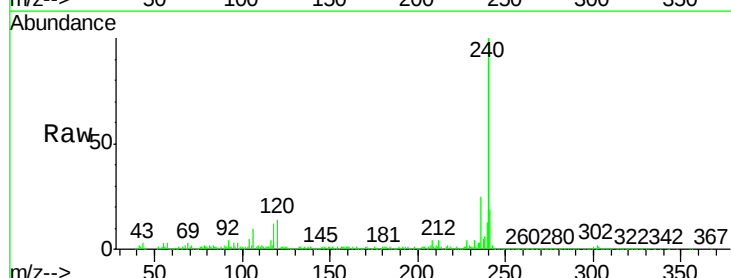
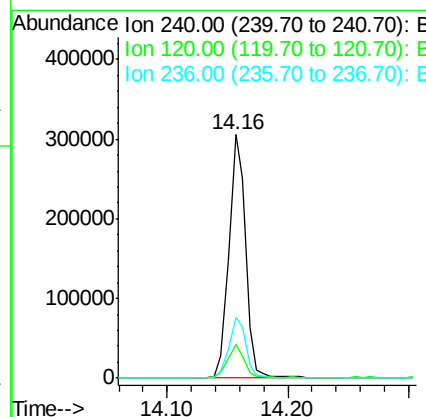
RT: 14.16 min Scan# 2052

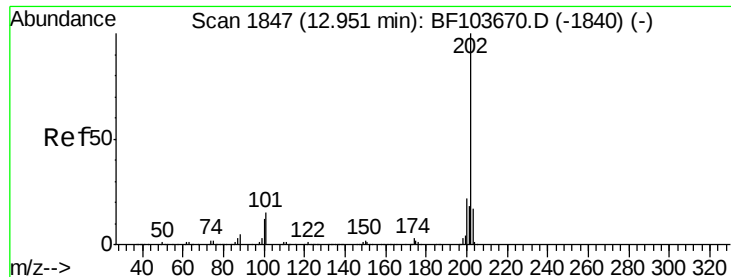
Delta R.T. -0.01 min

Lab File: BF103976.D

Acq: 27 Mar 2018 18:10

Tgt Ion:	240	Resp:	287262
Ion Ratio	Lower	Upper	
240	100		
120	13.7	9.5	14.3
236	25.0	20.7	31.1





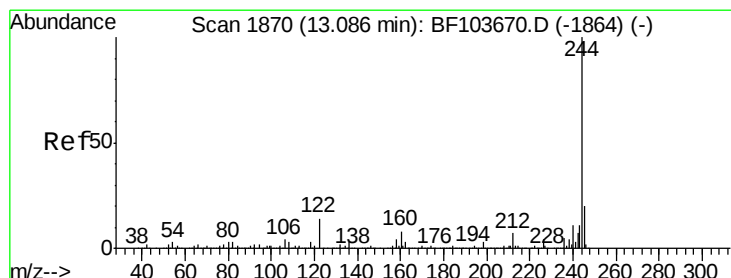
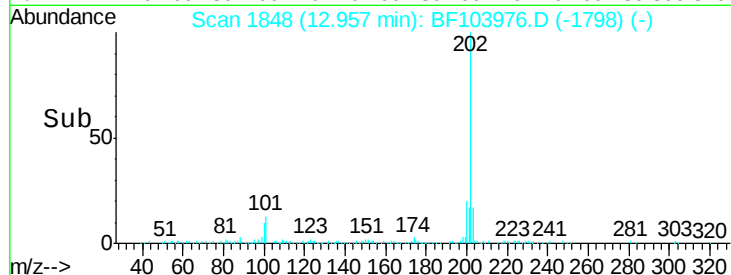
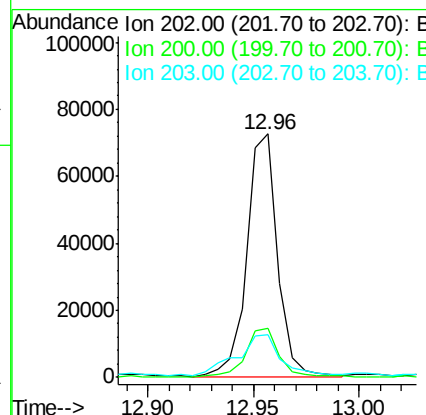
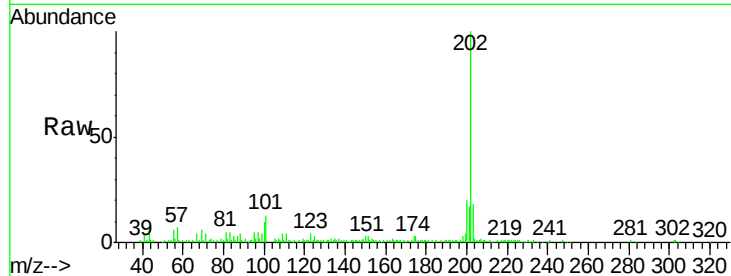
#77
Pvrene
Concen: 3.503 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF103976.D
Acq: 27 Mar 2018 18:10

Instrument :
BNA_F
ClientSampleId :
BU-03-032618

Tot Ion:202	Resp:	73895
Ion Ratio	Lower	Upper
202 100		
200 19.9	17.4	26.2
203 17.5	14.3	21.5

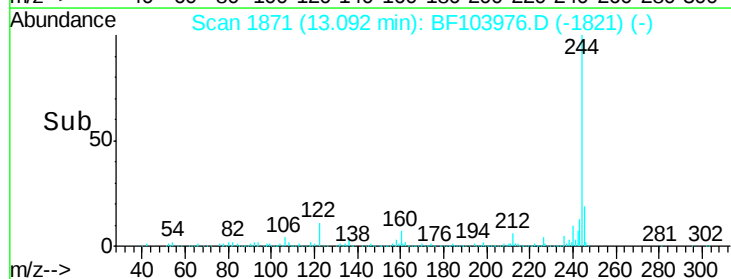
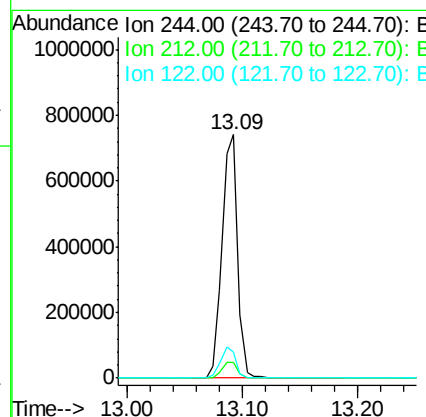
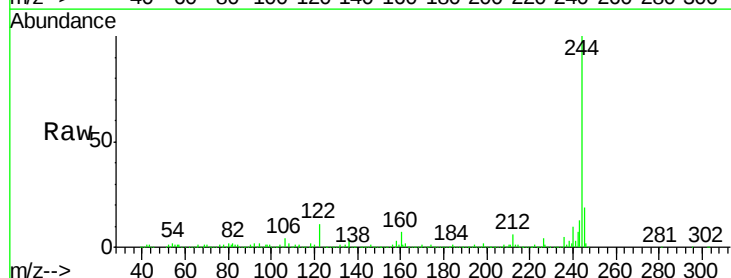
Manual Integrations
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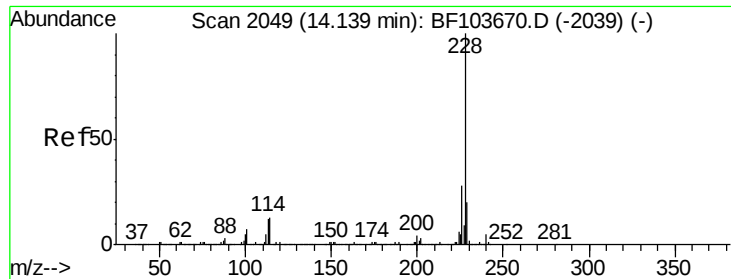
Sohil
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#78
Terphenyl-d14
Concen: 55.988 ng
RT: 13.09 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BF103976.D
Acq: 27 Mar 2018 18:10

Tgt Ion:244	Resp:	692901
Ion Ratio	Lower	Upper
244 100		
212 6.4	5.4	8.0
122 10.8	11.0	16.4#





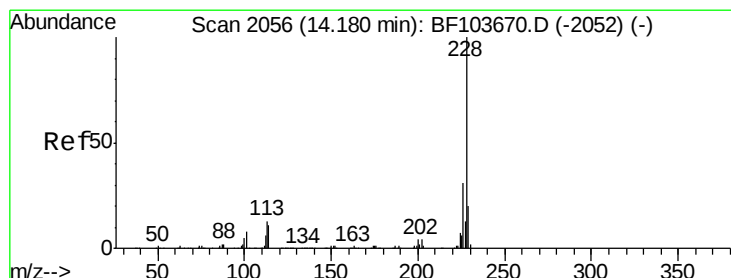
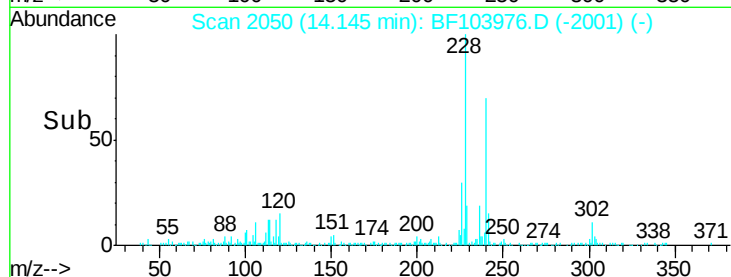
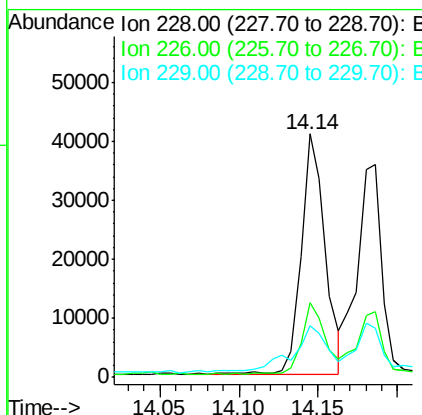
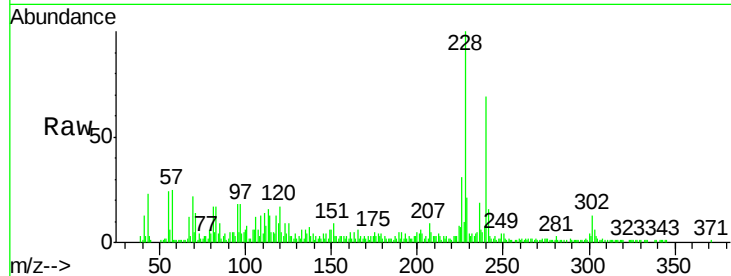
#80
Benzo(a)anthracene
Concen: 2.335 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BF103976.D
Acq: 27 Mar 2018 18:10

Instrument :
BNA_F
ClientSampleId :
BU-03-032618

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.9	22.6	33.8
229	21.3	15.8	23.6

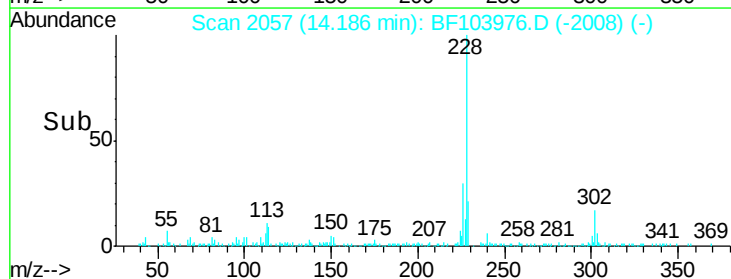
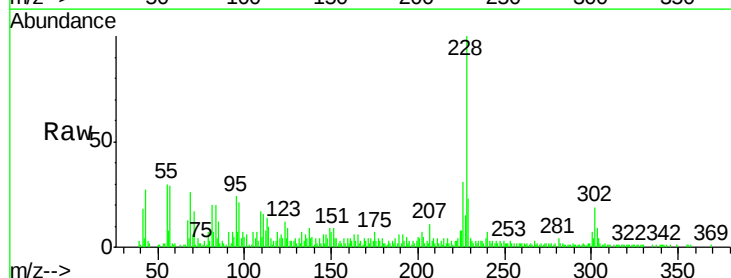
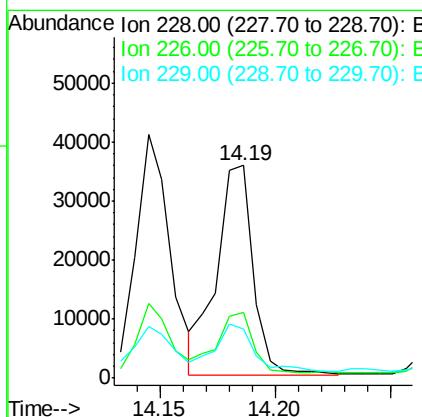
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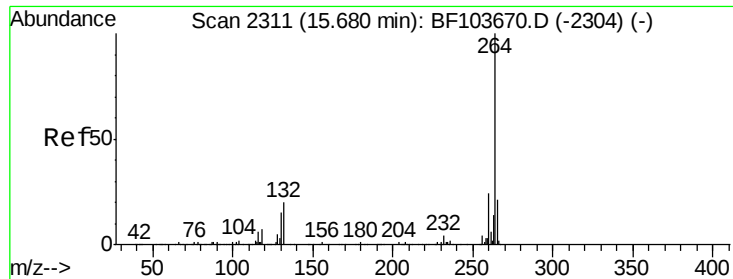
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#82
Chrysene
Concen: 2.250 ng
RT: 14.19 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BF103976.D
Acq: 27 Mar 2018 18:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	23.3	16.2	24.4





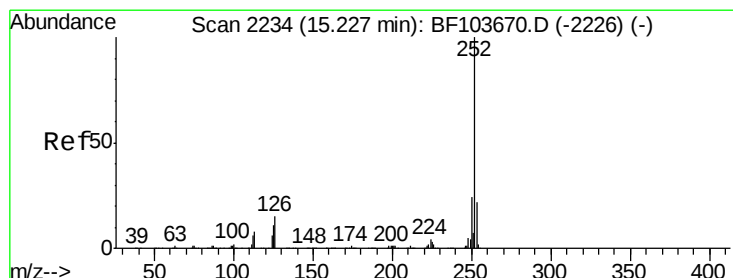
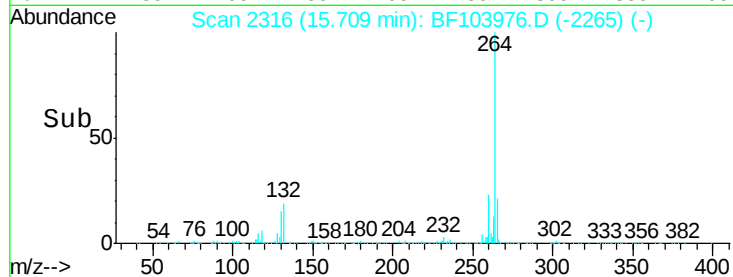
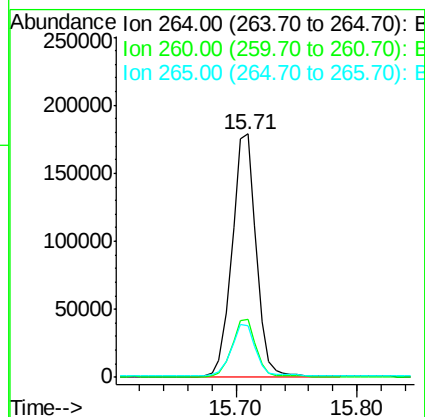
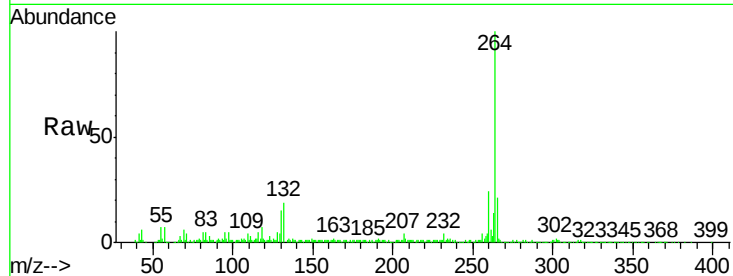
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BF103976.D
Acq: 27 Mar 2018 18:10

Instrument :
BNA_F
ClientSampleId :
BU-03-032618

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.0	17.5	26.3

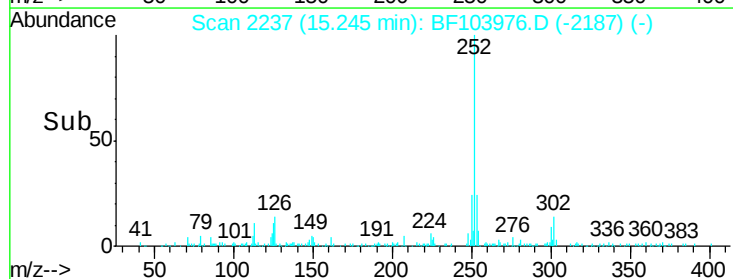
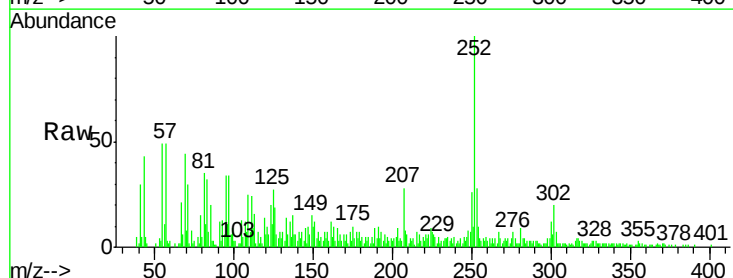
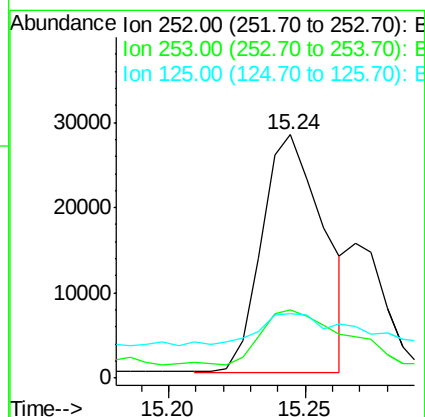
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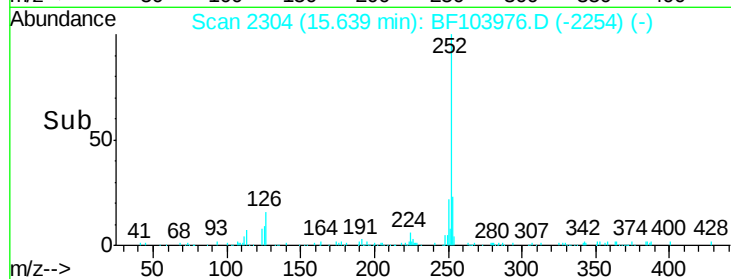
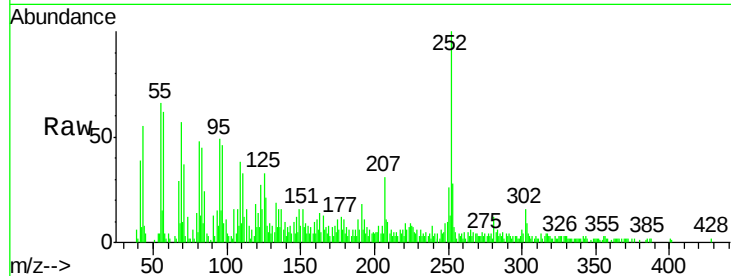
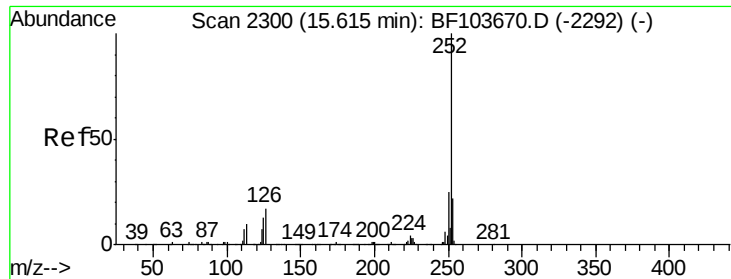
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#87
Benzo(b)fluoranthene
Concen: 2.820 ng m
RT: 15.24 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BF103976.D
Acq: 27 Mar 2018 18:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.8	17.0	25.6#
125	26.5	9.0	13.6#





#89

Benzo(a)pyrene

Concen: 2.033 ng

RT: 15.64 min Scan# 2304

Delta R.T. -0.01 min

Lab File: BF103976.D

Acq: 27 Mar 2018 18:10

Instrument :

BNA_F

ClientSampleId :

BU-03-032618

Tot Ion:	252	Resp:	28751
Ion Ratio	Lower	Upper	
252	100		
253	27.6	17.1	25.7#
125	32.5	9.8	14.6#

Manual Integrations
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