

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111317\
 Data File : BF100503.D
 Acq On : 13 Nov 2017 15:56
 Operator : SJ/JU
 Sample : I6409-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-110917-02-FREEZE-PIT

Manual Integrations
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SOHIL
 11/14/2017 5:20:18 PM

Quant Time: Nov 14 01:16:09 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 13 14:08:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	92958	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	354792	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	156540	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	260947	20.00	ng	0.00
75) Chrysene-d12	14.05	240	191769	20.00	ng	0.00
86) Perylene-d12	15.53	264	162542	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	502774	86.70	ng	0.00
7) Phenol-d6	6.52	99	620685	86.80	ng	0.00
23) Nitrobenzene-d5	7.45	82	391854	73.02	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	148757	93.26	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	663392	64.53	ng	0.00
78) Terphenyl-d14	13.00	244	410024	49.13	ng	0.00
Target Compounds						
10) Phenol	6.53	94	30820	4.105	ng	97
31) Naphthalene	8.19	128	224948	13.164	ng	99
49) Dimethylphthalate	9.63	163	73258	6.129	ng	99
74) Fluoranthene	12.62	202	36250	2.490	ng	96
77) Pyrene	12.85	202	43224	3.162	ng	99
82) Chrysene	14.07	228	22785	2.037	ng	# 91
87) Benzo(b)fluoranthene	15.09	252	26343m	2.736	ng	
89) Benzo(a)pyrene	15.46	252	20931	2.452	ng	# 92
91) Benzo(g,h,i)perylene	17.46	276	16324	2.389	ng	# 87

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

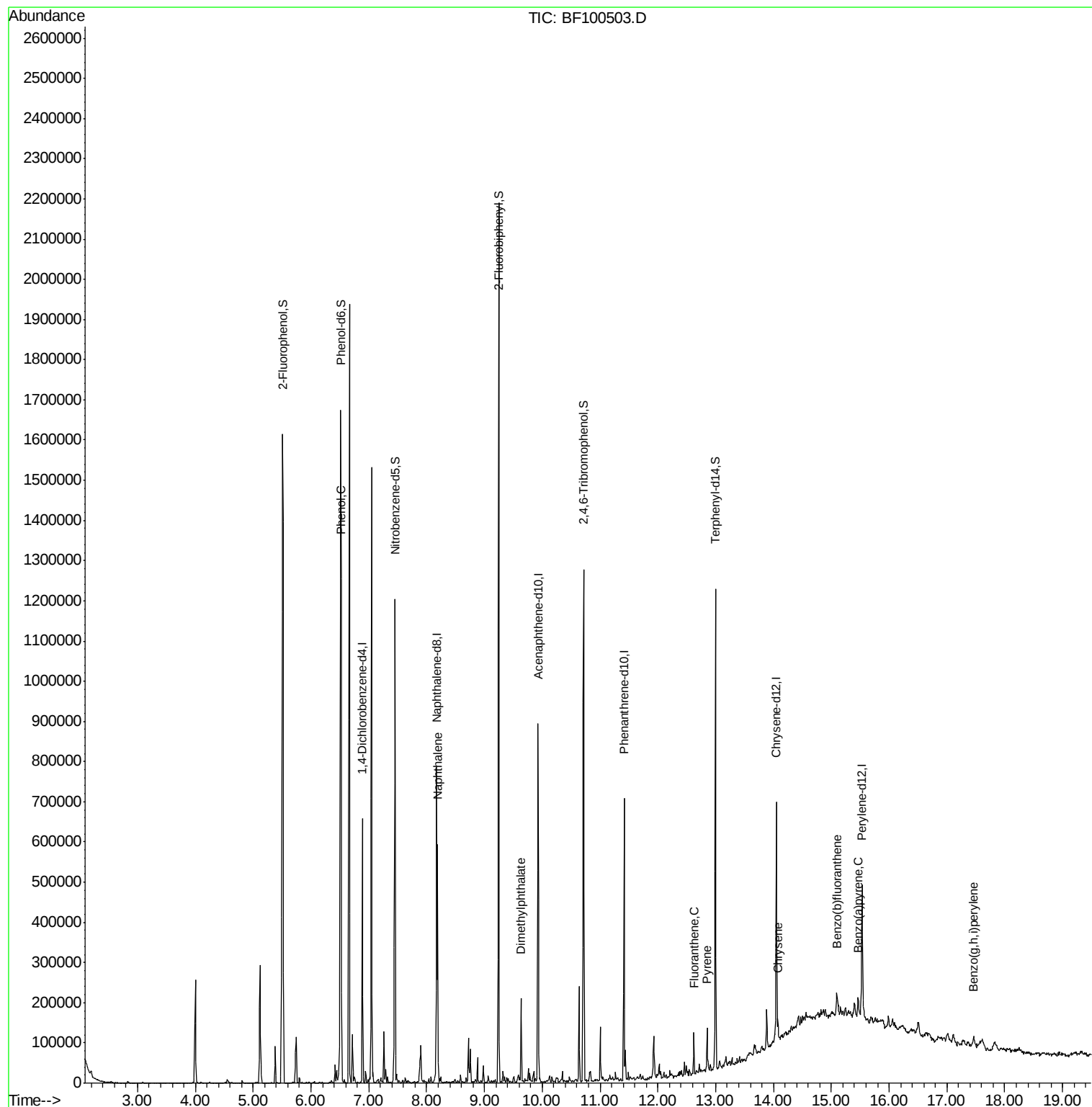
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111317\
Data File : BF100503.D
Acq On : 13 Nov 2017 15:56
Operator : SJ/JU
Sample : I6409-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

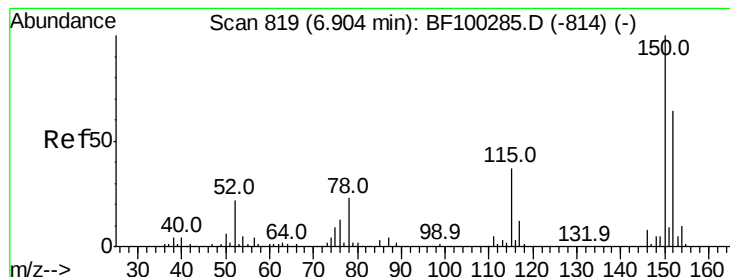
Instrument :
BNA_F
ClientSampleId :
MH-110917-02-FREEZE-PIT

Manual Integrations
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Quant Time: Nov 14 01:16:09 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
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Response via : Initial Calibration





#1

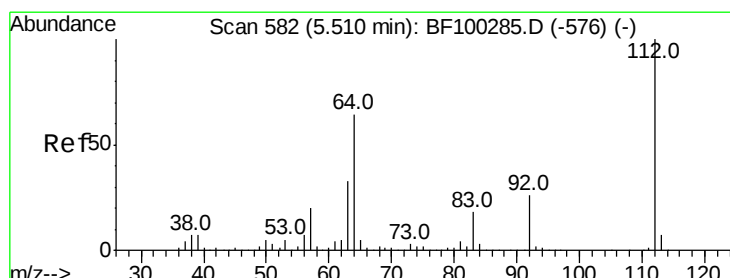
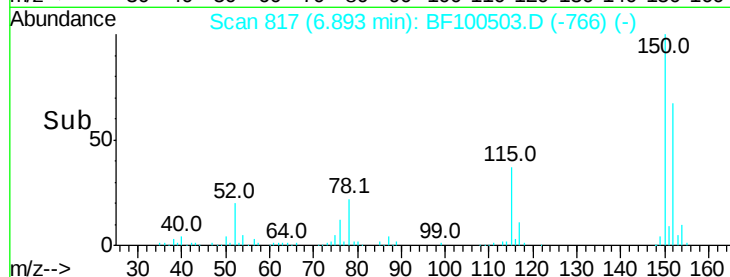
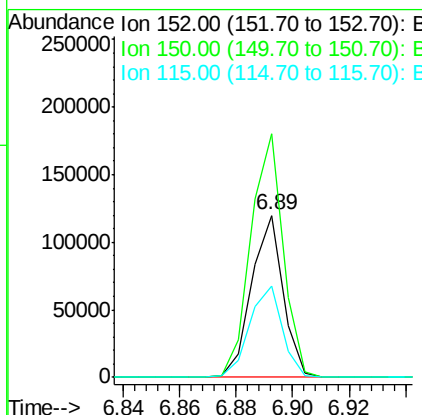
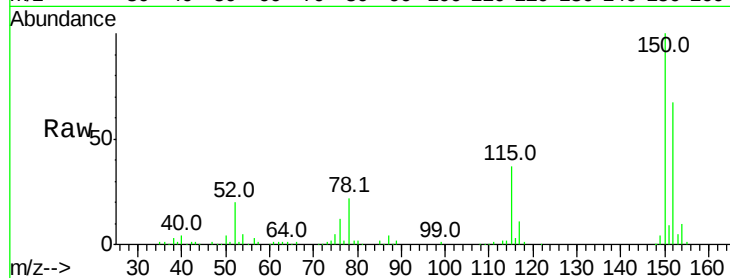
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF100503.D
Acq: 13 Nov 2017 15:56

Instrument :
BNA_F
ClientSampleId :
MH-110917-02-FREEZE-PIT

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.2	124.6	186.8
115	56.1	50.1	75.1

Manual Integrations
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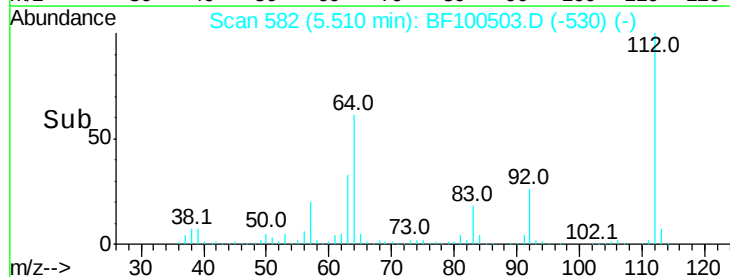
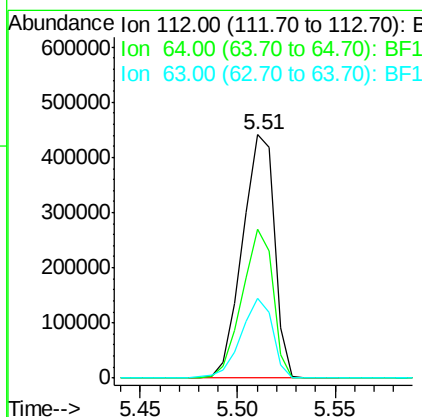
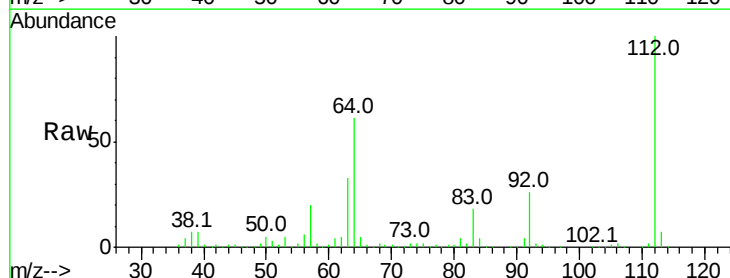
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#5

2-Fluorophenol
Concen: 86.699 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF100503.D
Acq: 13 Nov 2017 15:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.2	47.9	71.9
63	32.7	23.7	35.5





#7

Phenol-d6

Concen: 86.797 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF100503.D

Acq: 13 Nov 2017 15:56

Instrument :

BNA_F

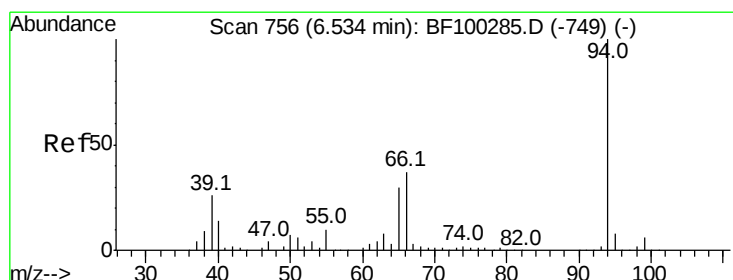
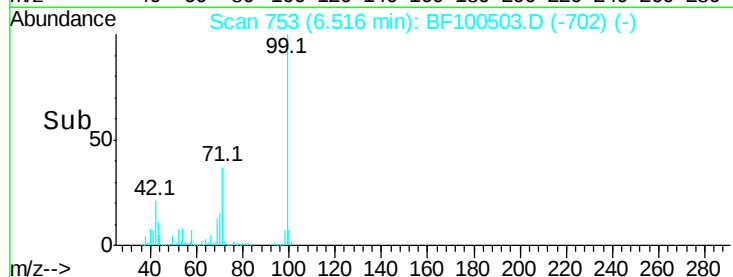
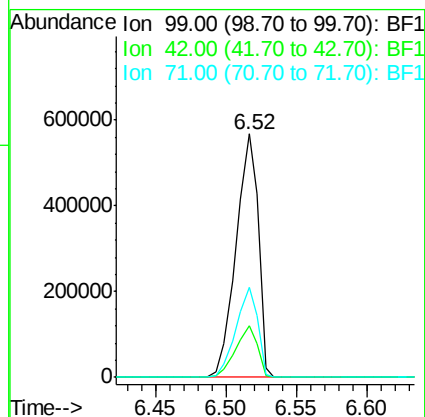
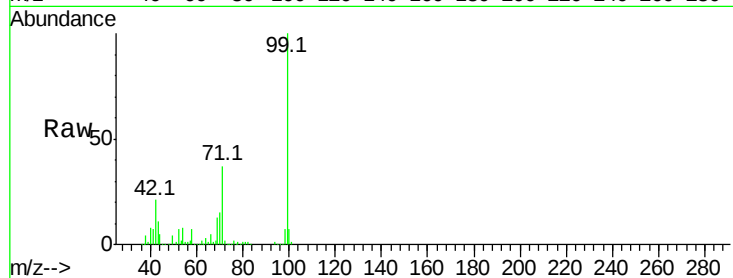
ClientSampleId :

MH-110917-02-FREEZE-PIT

Tot Ion:	99	Resp:	620685
Ion Ratio	Lower	Upper	
99	100		
42	21.2	14.5	21.7
71	36.9	25.4	38.0

Manual Integrations
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#10

Phenol

Concen: 4.105 ng

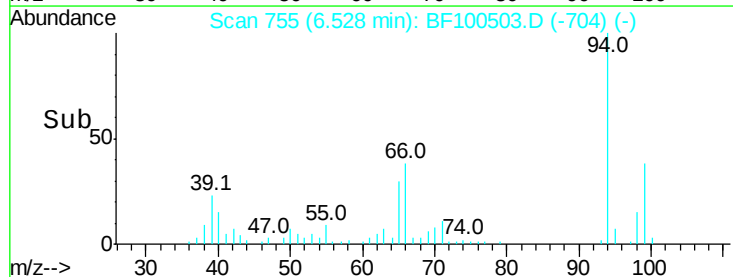
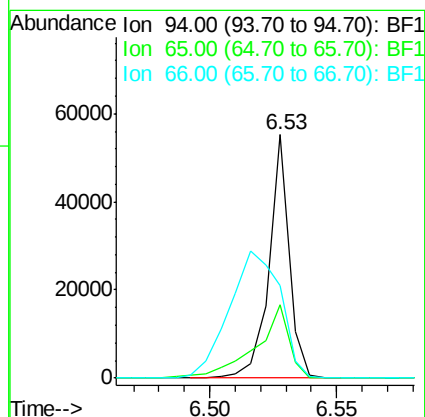
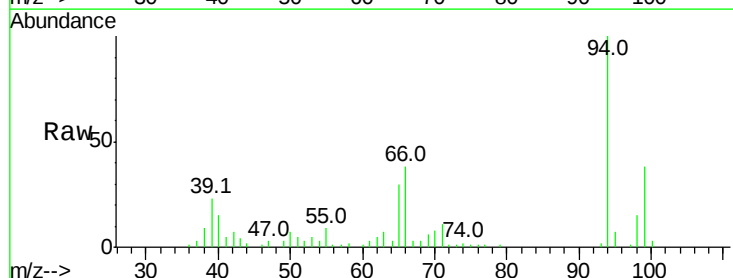
RT: 6.53 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF100503.D

Acq: 13 Nov 2017 15:56

Tgt Ion:	94	Resp:	30820
Ion Ratio	Lower	Upper	
94	100		
65	30.0	7.9	47.9
66	38.0	16.2	56.2





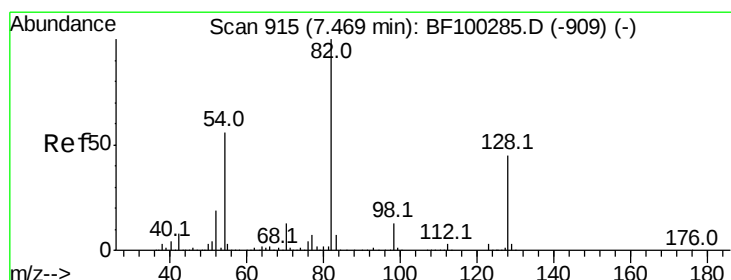
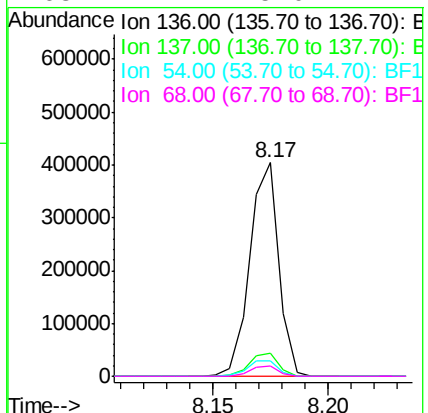
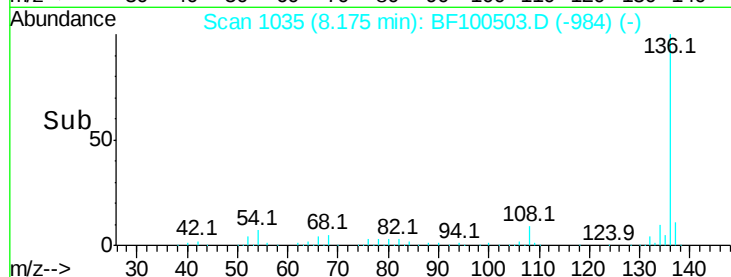
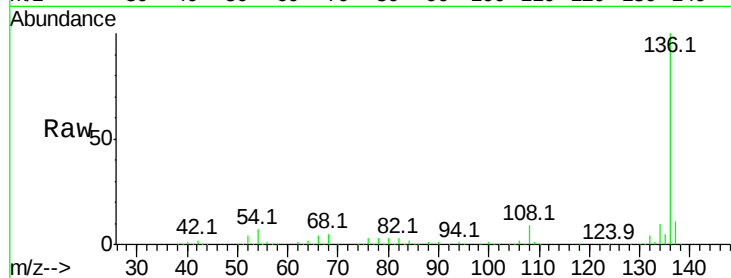
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF100503.D
Acq: 13 Nov 2017 15:56

Instrument :
BNA_F
ClientSampleId :
MH-110917-02-FREEZE-PIT

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.9	13.3	
54	7.0	6.6	9.8	
68	4.7	5.0	7.4	

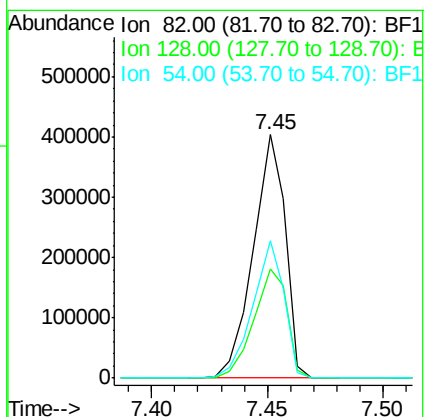
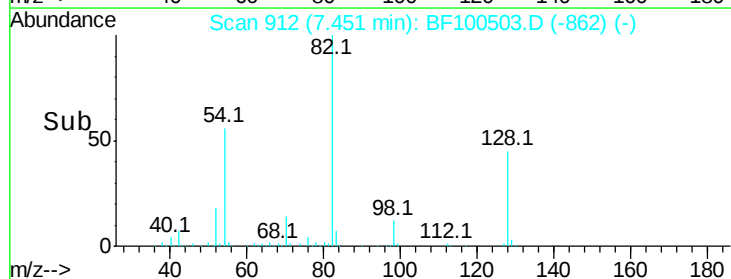
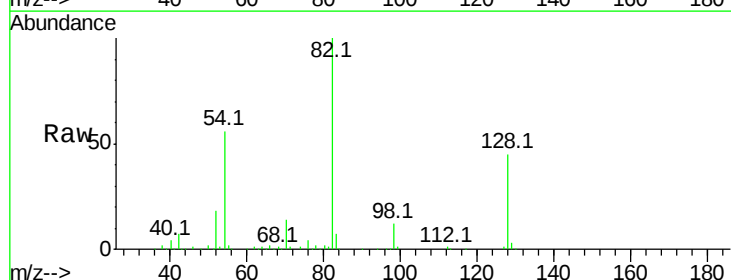
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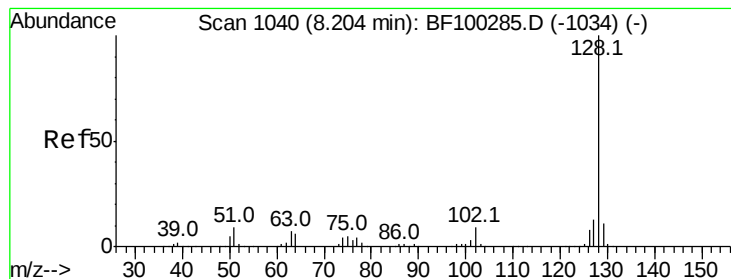
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#23
Nitrobenzene-d5
Concen: 73.020 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF100503.D
Acq: 13 Nov 2017 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.8	36.1	54.1	
54	56.2	41.4	62.2	





#31

Naphthalene

Concen: 13.164 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF100503.D

Acq: 13 Nov 2017 15:56

Instrument :

BNA_F

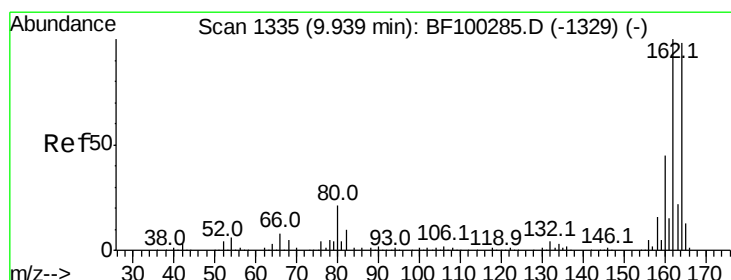
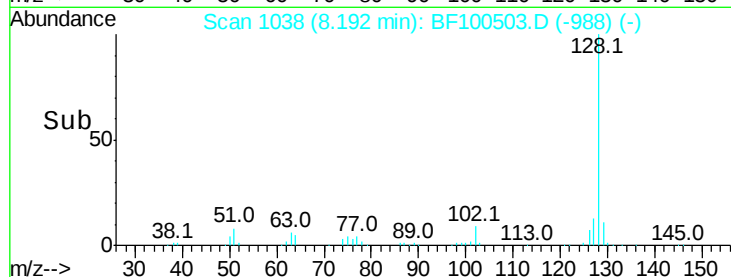
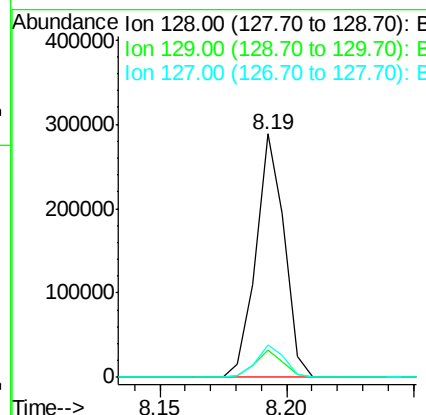
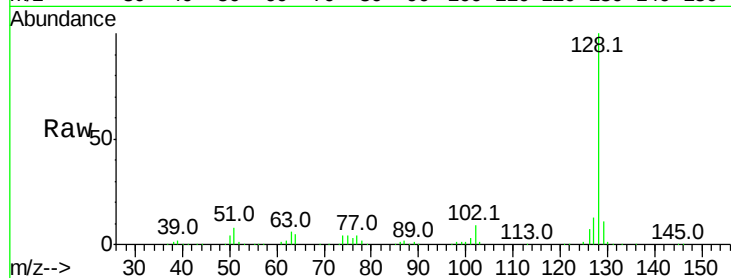
ClientSampleId :

MH-110917-02-FREEZE-PIT

Tot Ion:	128	Resp:	224948
Ion Ratio	Lower	Upper	
128	100		
129	11.0	8.8	13.2
127	13.3	10.9	16.3

Manual Integrations
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#38

Acenaphthene-d10

Concen: 20.000 ng

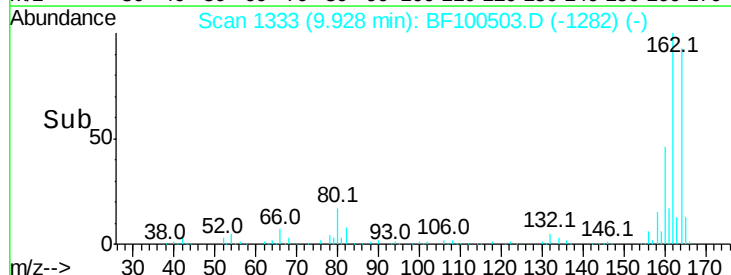
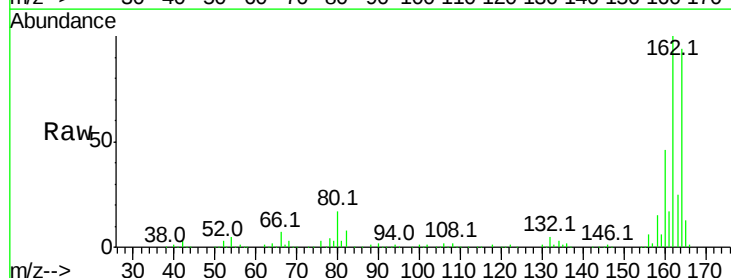
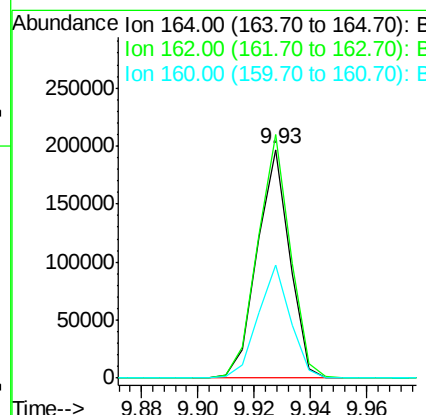
RT: 9.93 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BF100503.D

Acq: 13 Nov 2017 15:56

Tgt Ion:	164	Resp:	156540
Ion Ratio	Lower	Upper	
164	100		
162	106.5	86.1	129.1
160	49.4	38.3	57.5





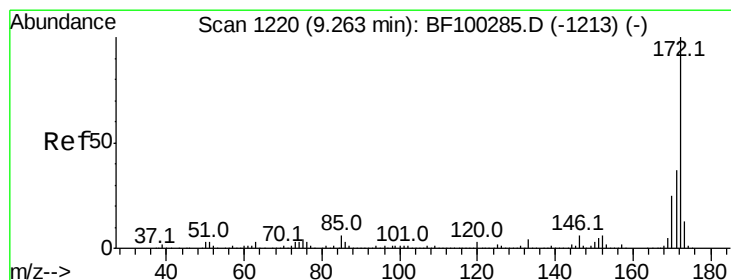
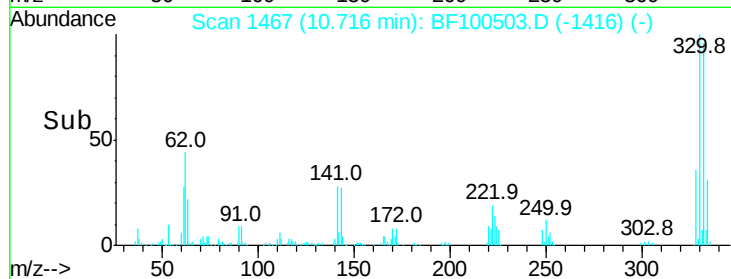
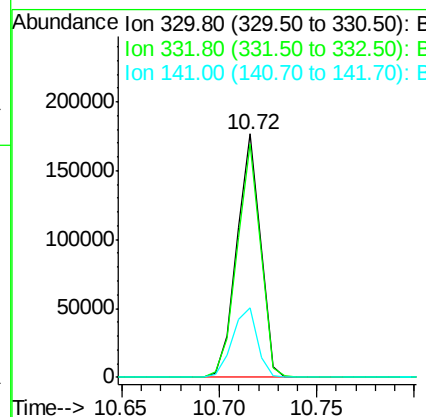
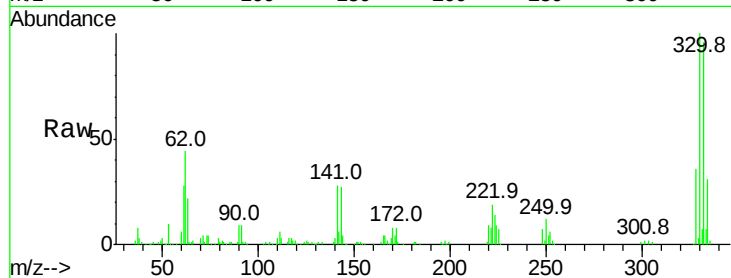
#41
 2,4,6-Tribromophenol
 Concen: 93.256 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: BF100503.D
 Acq: 13 Nov 2017 15:56

Instrument :
 BNA_F
 ClientSampleId :
 MH-110917-02-FREEZE-PIT

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	30.1	29.9	44.9

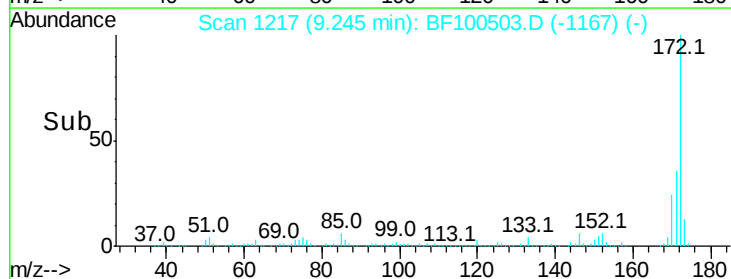
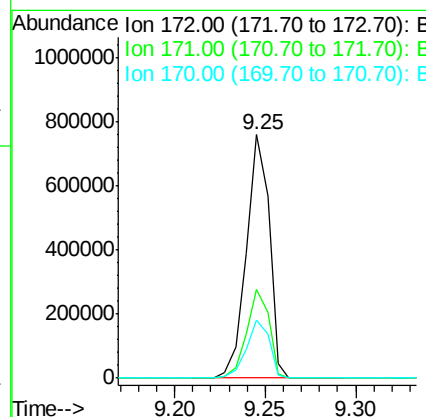
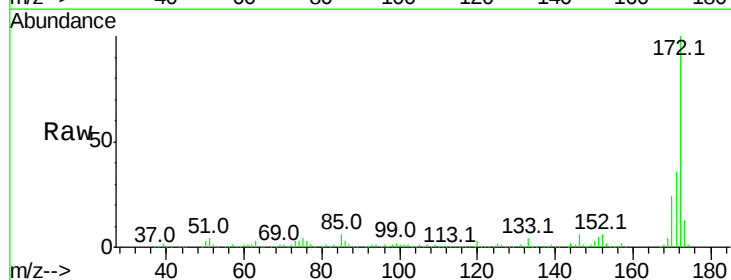
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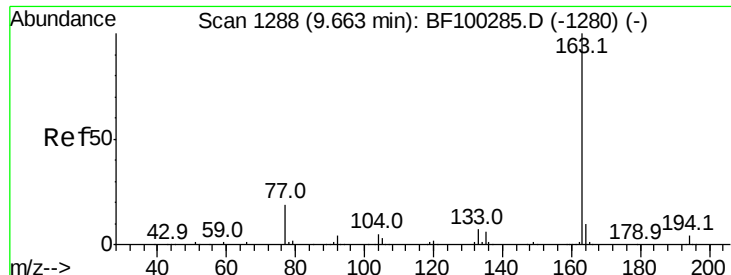
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#44
 2-Fluorobiphenyl
 Concen: 64.530 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF100503.D
 Acq: 13 Nov 2017 15:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	23.8	19.6	29.4





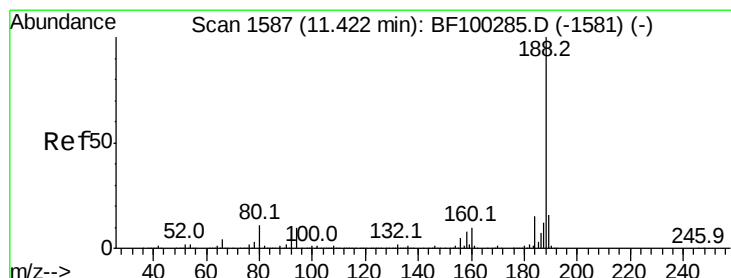
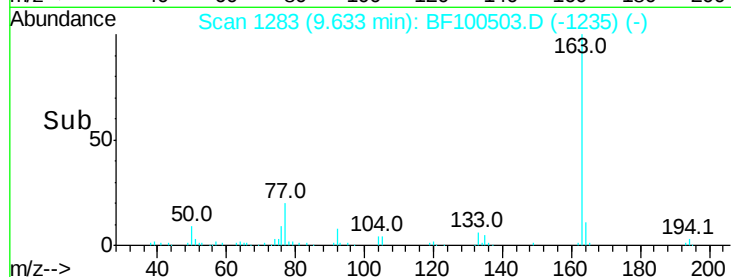
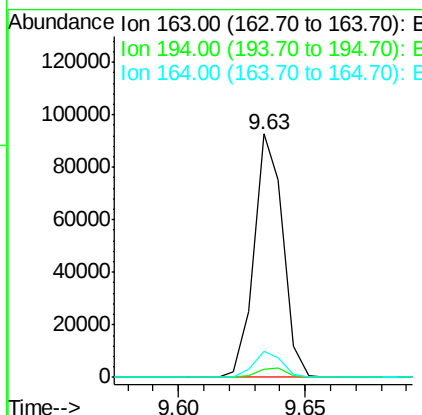
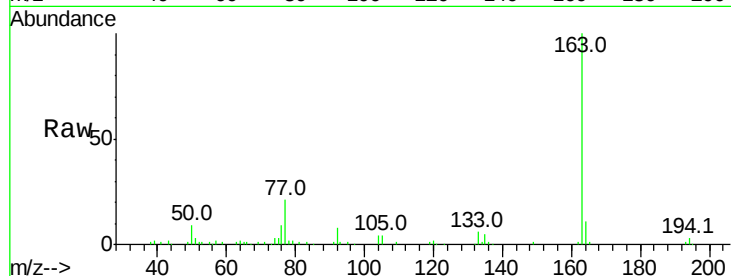
#49
Dimethylphthalate
Concen: 6.129 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BF100503.D
Acq: 13 Nov 2017 15:56

Instrument :
BNA_F
ClientSampleId :
MH-110917-02-FREEZE-PIT

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.9	8.2	12.2

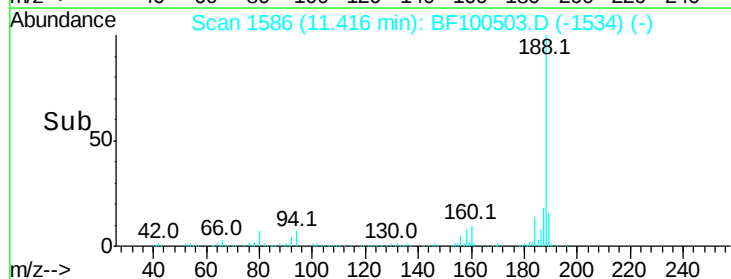
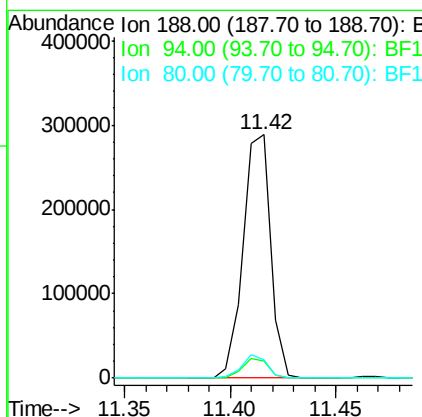
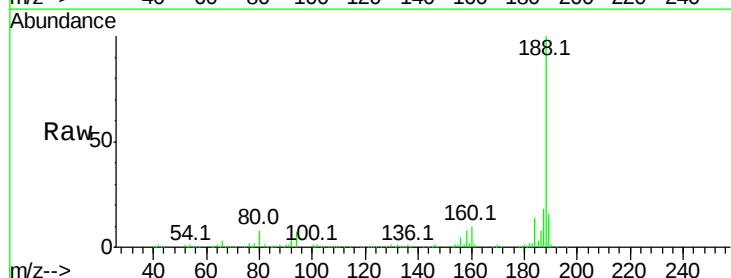
Manual Integrations
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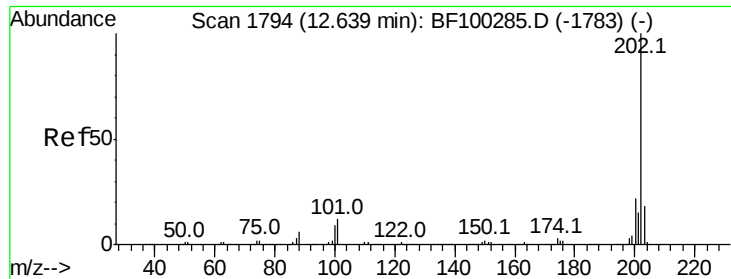
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.01 min
Lab File: BF100503.D
Acq: 13 Nov 2017 15:56

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.0	8.5	12.7#
80	7.5	9.2	13.8#





#74

Fluoranthene

Concen: 2.490 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF100503.D

Acq: 13 Nov 2017 15:56

Instrument :

BNA_F

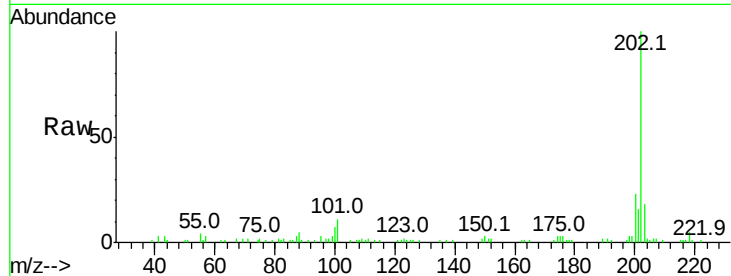
ClientSampleId :

MH-110917-02-FREEZE-PIT

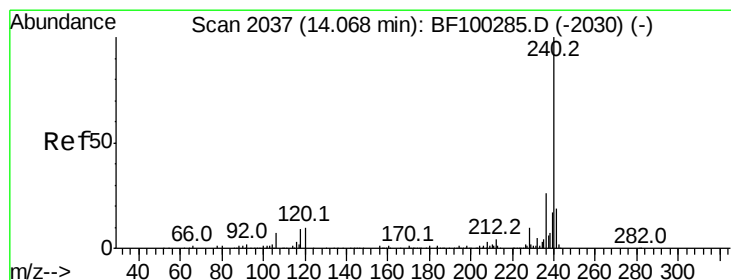
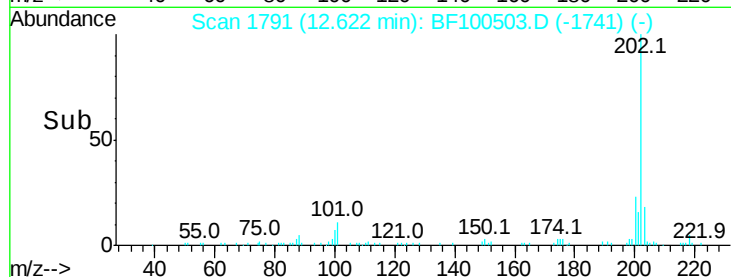
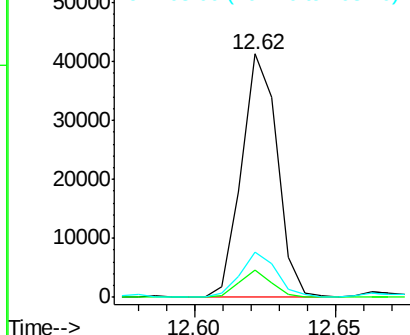
Tot Ion:	202	Resp:	36250
Ion Ratio	Lower	Upper	
202	100		
101	11.2	0.0	34.1
203	18.4	0.0	38.1

Manual Integrations
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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: 14.05 min Scan# 2034

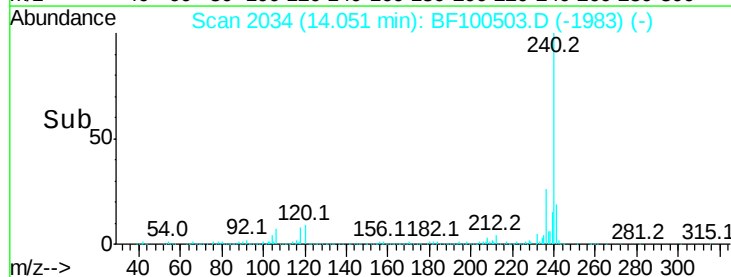
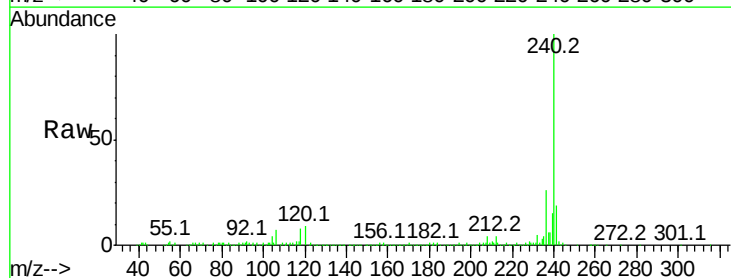
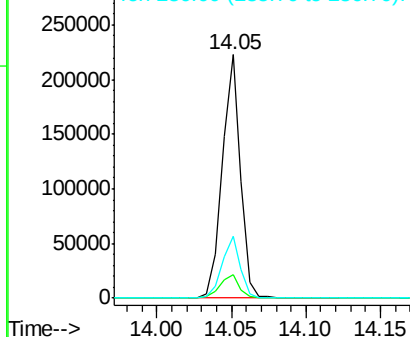
Delta R.T. 0.00 min

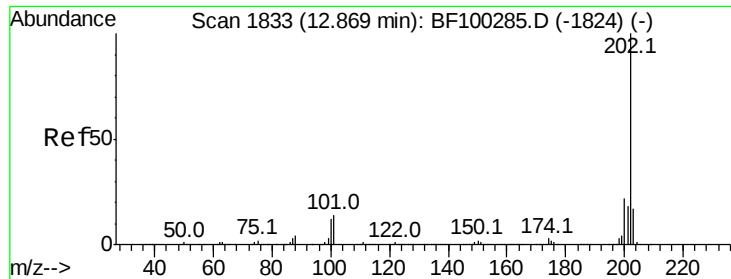
Lab File: BF100503.D

Acq: 13 Nov 2017 15:56

Tgt Ion:	240	Resp:	191769
Ion Ratio	Lower	Upper	
240	100		
120	9.4	9.5	14.3#
236	25.6	20.7	31.1

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





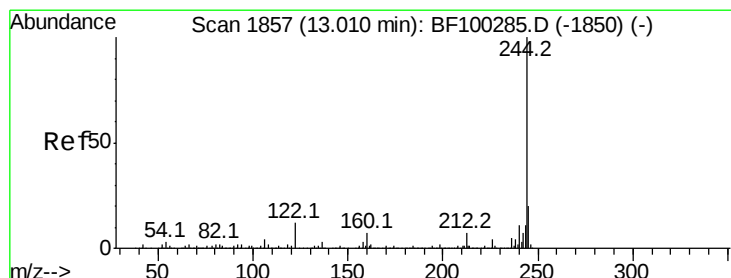
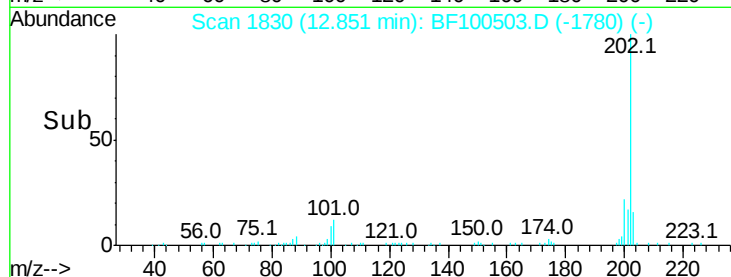
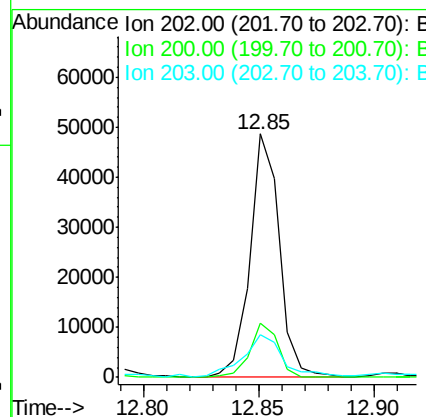
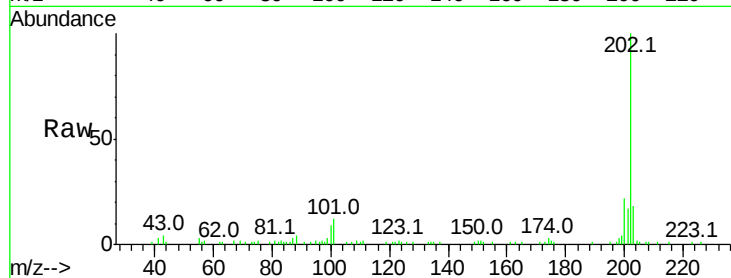
#77
Pvrene
Concen: 3.162 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF100503.D
Acq: 13 Nov 2017 15:56

Instrument :
BNA_F
ClientSampleId :
MH-110917-02-FREEZE-PIT

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.4	26.2
203	17.6	14.3	21.5

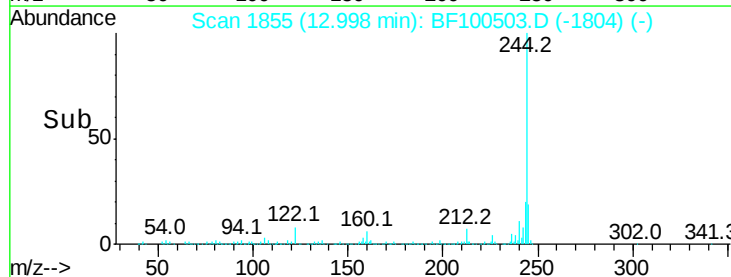
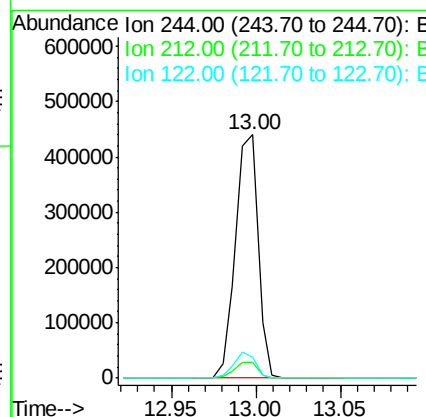
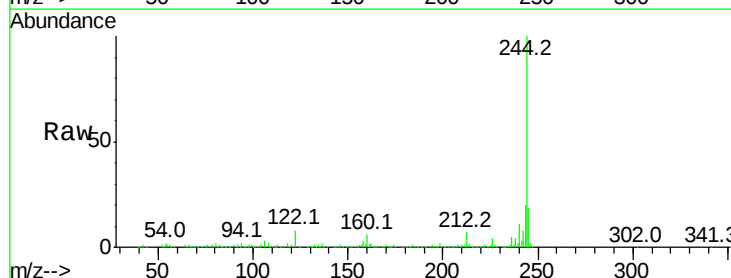
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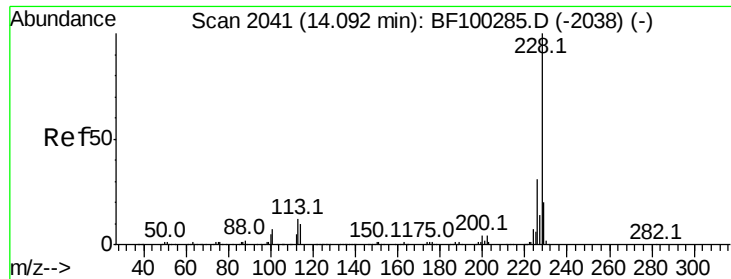
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#78
Terphenyl-d14
Concen: 49.128 ng
RT: 13.00 min Scan# 1855
Delta R.T. 0.00 min
Lab File: BF100503.D
Acq: 13 Nov 2017 15:56

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	8.4	11.0	16.4#





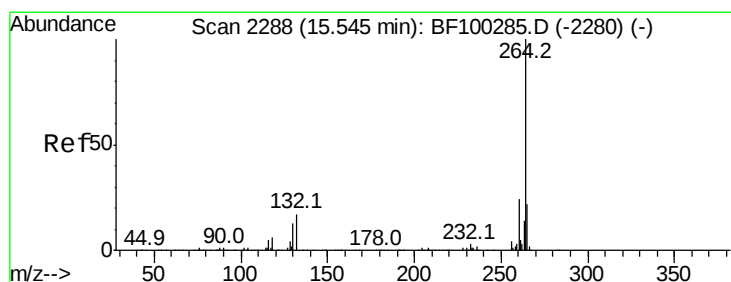
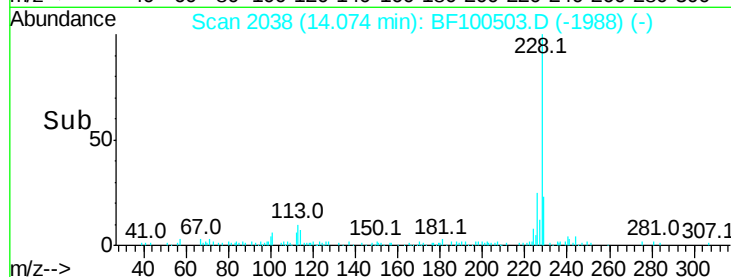
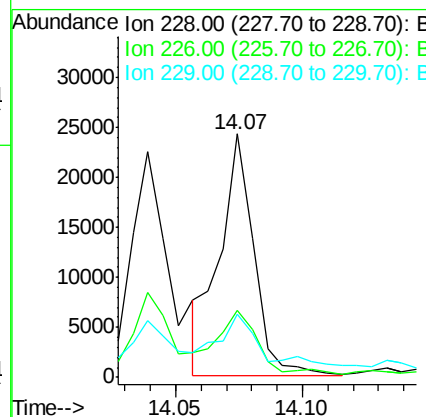
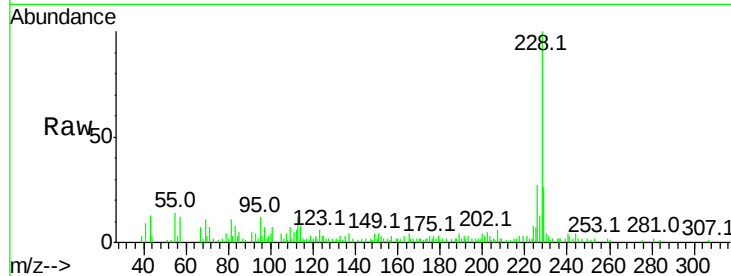
#82
Chrysene
Concen: 2.037 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF100503.D
Acq: 13 Nov 2017 15:56

Instrument :
BNA_F
ClientSampleId :
MH-110917-02-FREEZE-PIT

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.4	25.0	37.6
229	25.8	16.2	24.4

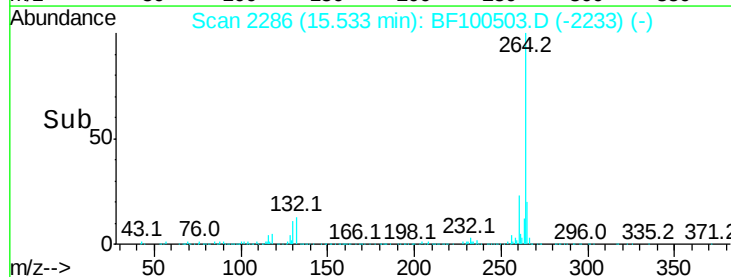
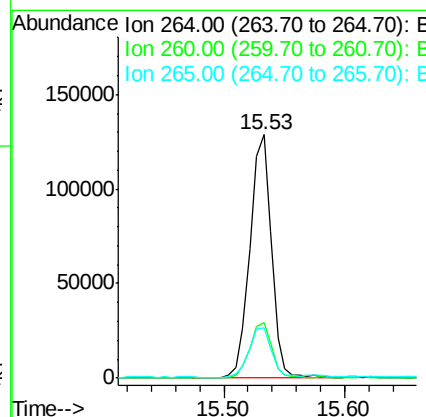
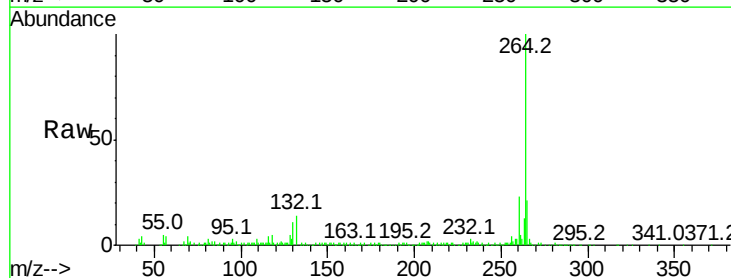
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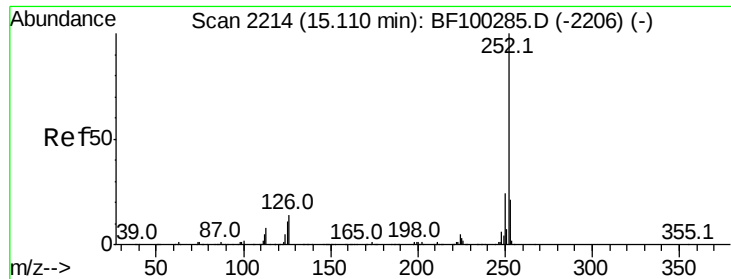
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. 0.01 min
Lab File: BF100503.D
Acq: 13 Nov 2017 15:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	20.6	17.5	26.3





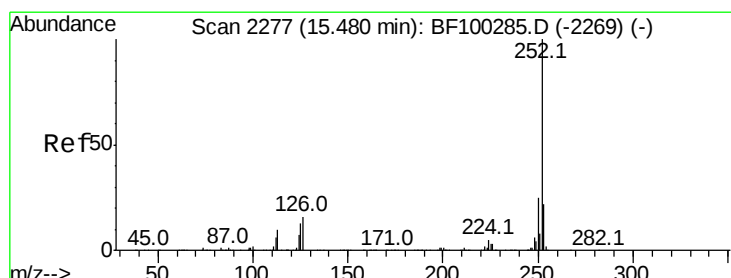
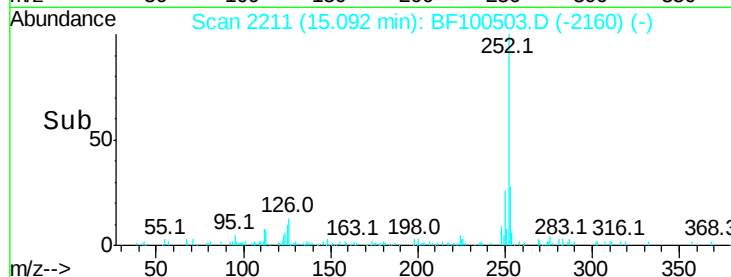
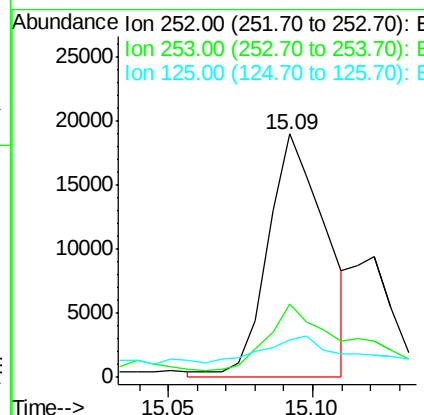
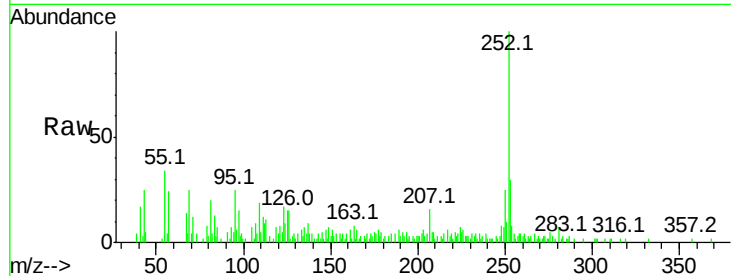
#87
Benzo(b)fluoranthene
Concen: 2.736 ng m
RT: 15.09 min Scan# 2211
Delta R.T. 0.00 min
Lab File: BF100503.D
Acq: 13 Nov 2017 15:56

Instrument :
BNA_F
ClientSampleId :
MH-110917-02-FREEZE-PIT

Tot Ion	Ratio	Lower	Upper
252	100		
253	30.2	17.0	25.6#
125	15.2	9.0	13.6#

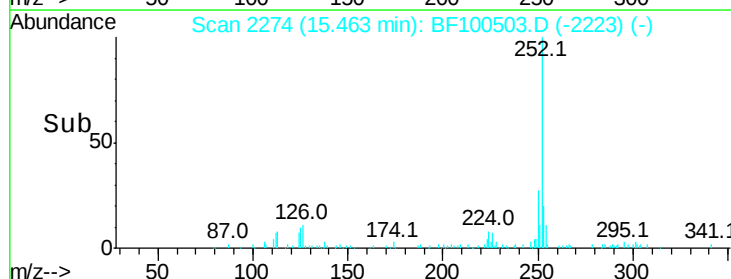
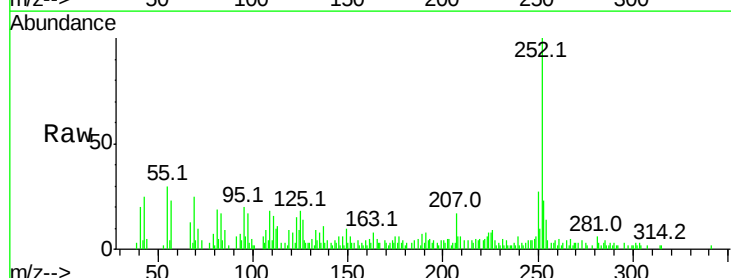
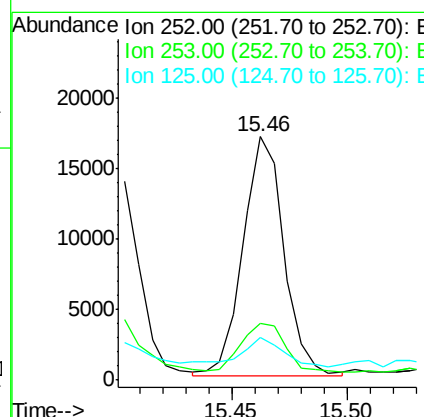
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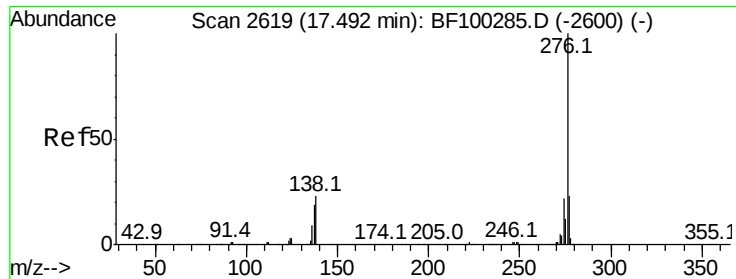
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#89
Benzo(a)pyrene
Concen: 2.452 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.00 min
Lab File: BF100503.D
Acq: 13 Nov 2017 15:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.1	25.7
125	17.6	9.8	14.6#





#91
 Benzo(a,h,i)perylene
 Concen: 2.389 ng
 RT: 17.46 min Scan# 2614
 Delta R.T. 0.00 min
 Lab File: BF100503.D
 Acq: 13 Nov 2017 15:56

Instrument :
 BNA_F
 ClientSampleId :
 MH-110917-02-FREEZE-PIT

Tot Ion	Ratio	Lower	Upper
276	100		
277	28.8	17.9	26.9#
138	20.7	21.8	32.8#

Manual Integrations
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SOHIL
 11/14/2017 5:20:18 PM

