

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111117\
 Data File : BF100442.D
 Acq On : 11 Nov 2017 15:56
 Operator : SJ/JU
 Sample : I6399-22
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-15

Manual Integrations
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SOHIL
 11/13/2017 4:54:25 PM

Quant Time: Nov 13 03:29:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:44:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	149239	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	527475	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	194304	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	315928	20.00	ng	0.00
75) Chrysene-d12	14.07	240	317582	20.00	ng	0.00
86) Perylene-d12	15.55	264	230414	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	808162	86.81	ng	0.01
7) Phenol-d6	6.53	99	967445	84.27	ng	0.00
23) Nitrobenzene-d5	7.46	82	574069	71.95	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	161638	81.64	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	886282	69.46	ng	0.00
78) Terphenyl-d14	13.01	244	666604	48.23	ng	0.00
Target Compounds						
10) Phenol	6.54	94	50940	4.227	ng	97
49) Dimethylphthalate	9.65	163	87049	5.868	ng	99
74) Fluoranthene	12.64	202	122106	6.926	ng	95
77) Pyrene	12.87	202	135162	5.970	ng	98
80) Benzo(a)anthracene	14.06	228	41810	2.186	ng	97
82) Chrysene	14.09	228	47285	2.553	ng	98
87) Benzo(b)fluoranthene	15.12	252	54116m	3.964	ng	
89) Benzo(a)pyrene	15.49	252	32462	2.682	ng	98
91) Benzo(g,h,i)perylene	17.50	276	24141	2.492	ng	# 89

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

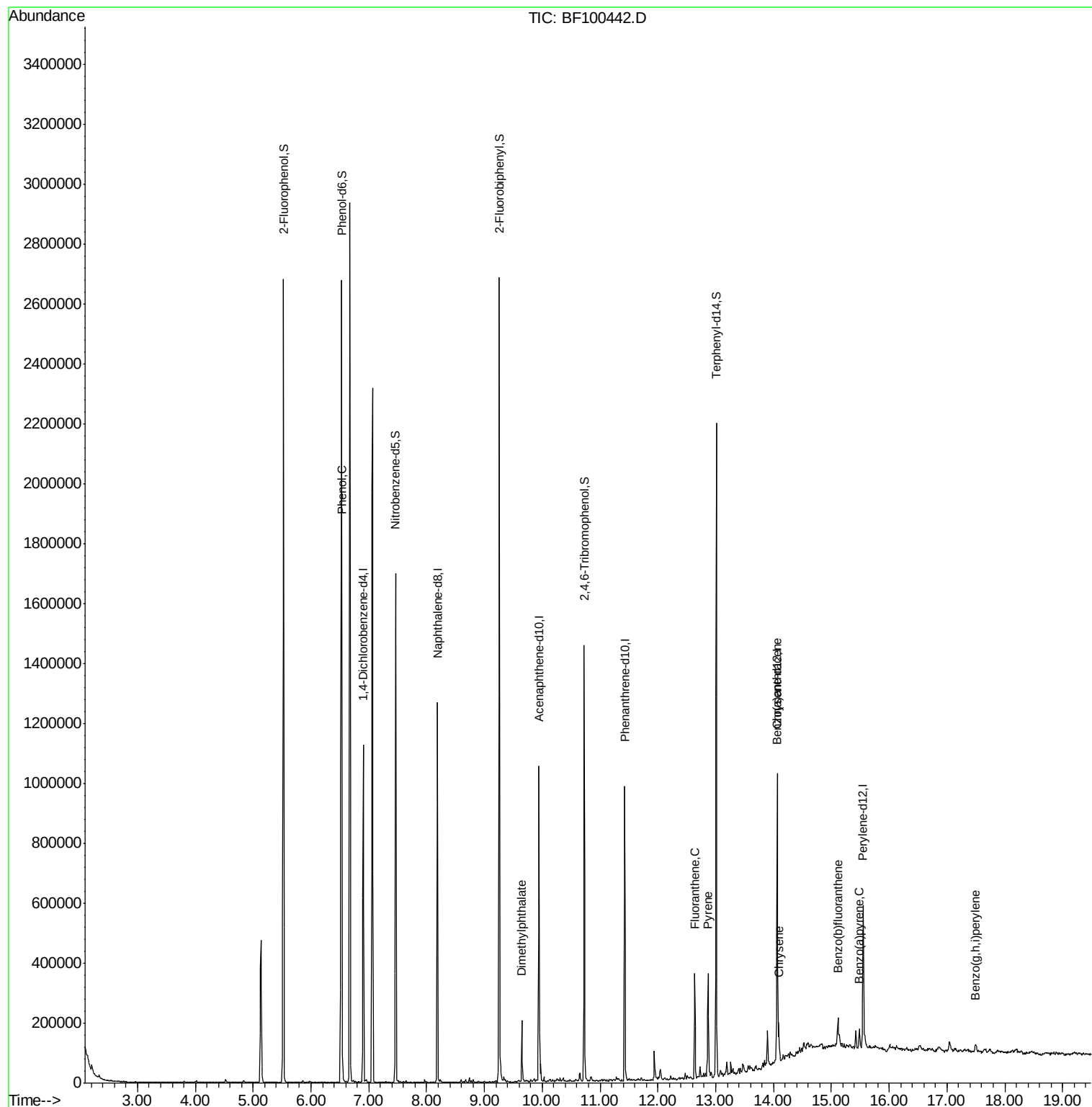
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111117\
Data File : BF100442.D
Acq On : 11 Nov 2017 15:56
Operator : SJ/JU
Sample : I6399-22
Misc :
ALS Vial : 15 Sample Multiplier: 1

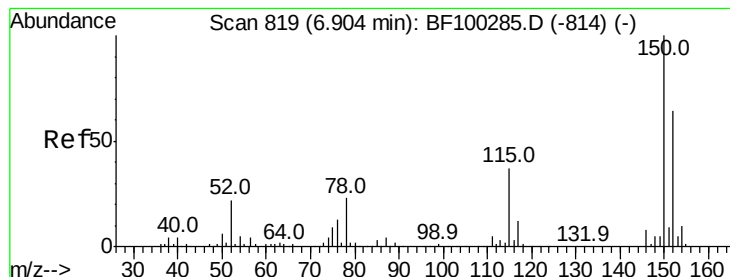
Instrument :
BNA_F
ClientSampleId :
TP-15

Manual Integrations
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Quant Time: Nov 13 03:29:06 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:44:40 2017
Response via : Initial Calibration





#1

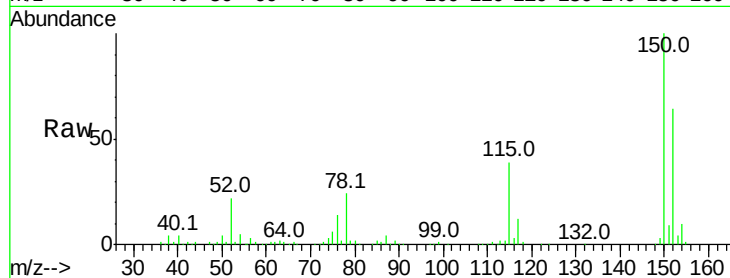
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF100442.D
Acq: 11 Nov 2017 15:56

Instrument :
BNA_F
ClientSampleId :
TP-15

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.6	186.8
115	60.4	50.1	75.1

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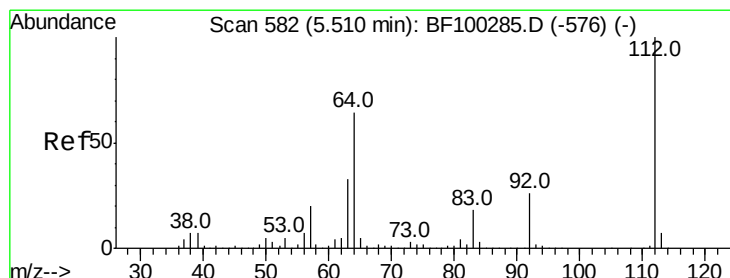
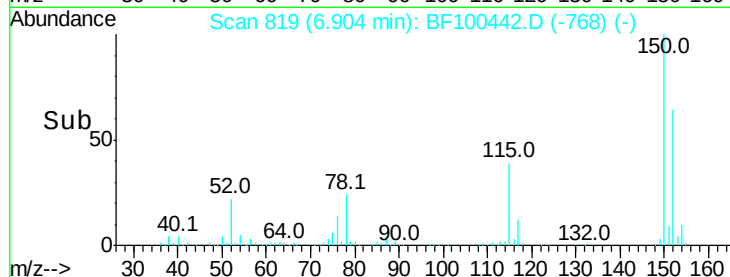
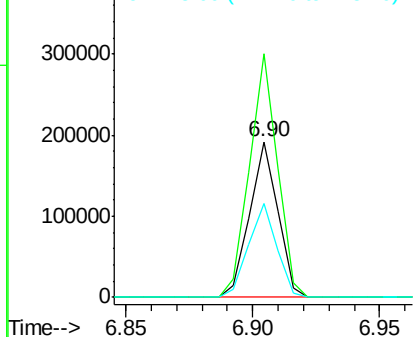


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

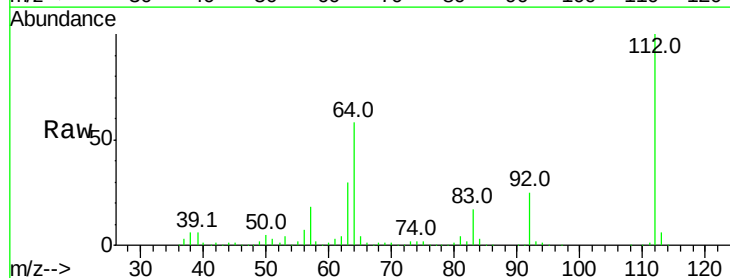
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 86.805 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.01 min
Lab File: BF100442.D
Acq: 11 Nov 2017 15:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.5	47.9	71.9
63	30.4	23.7	35.5

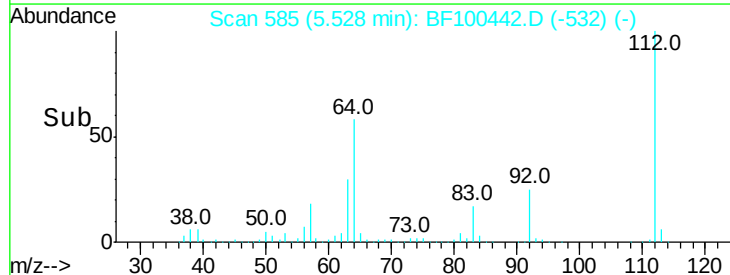
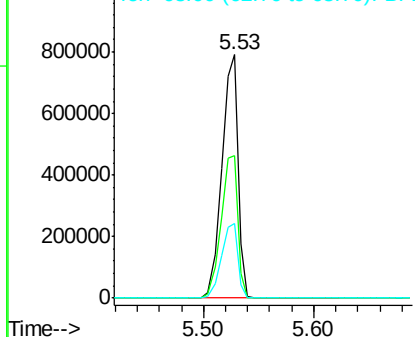


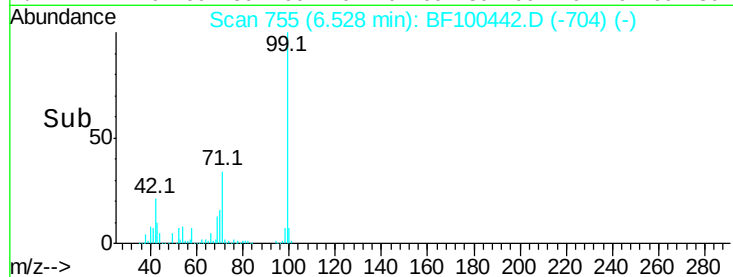
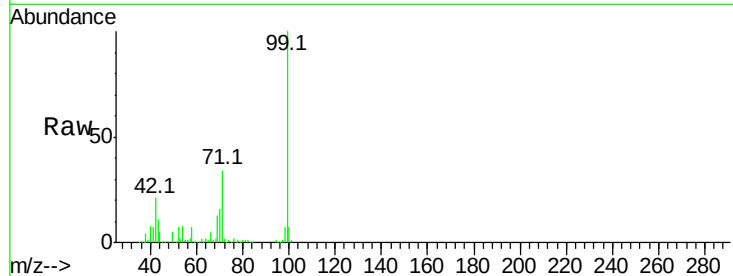
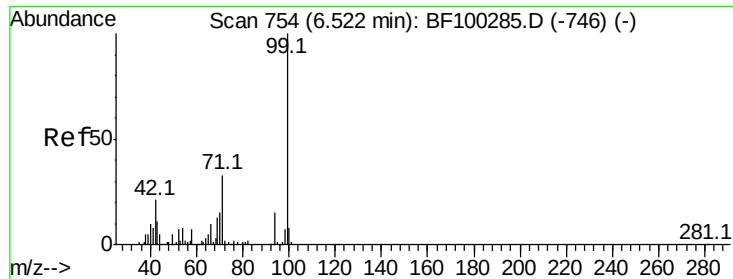
Abundance

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: 84.268 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF100442.D

Acq: 11 Nov 2017 15:56

Tot Ion:	99	Resp:	967445
Ion Ratio	Lower	Upper	
99	100		
42	20.6	14.5	21.7
71	34.0	25.4	38.0

Instrument :

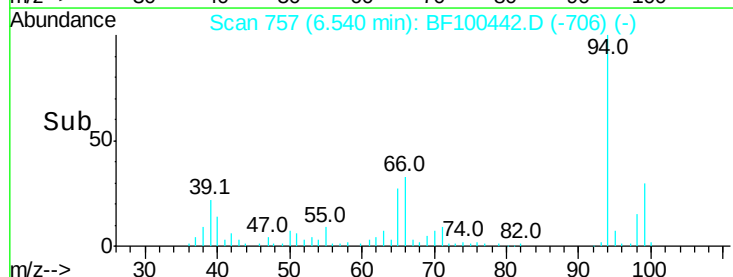
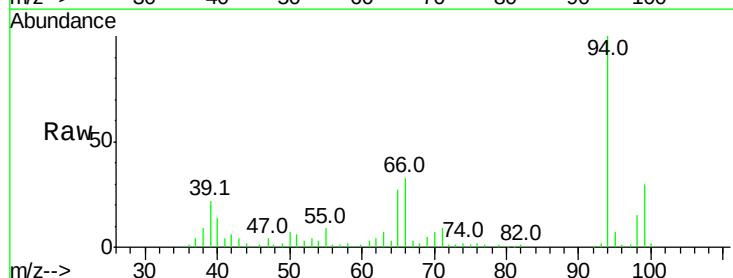
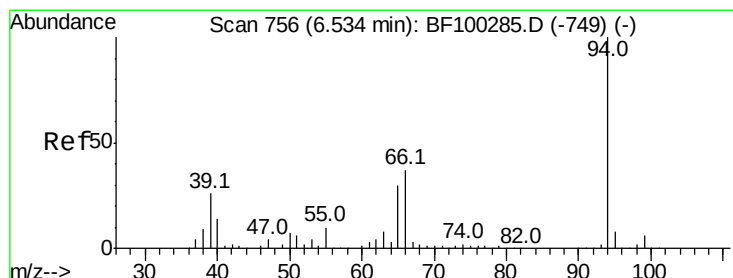
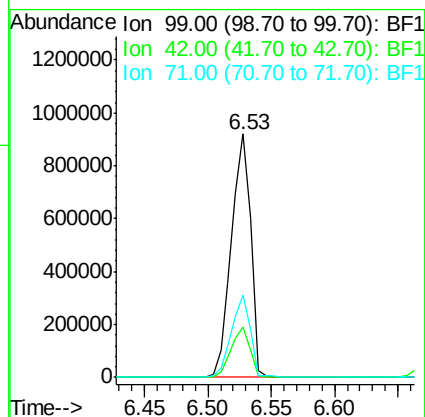
BNA_F

ClientSampled :

TP-15

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#10

Phenol

Concen: 4.227 ng

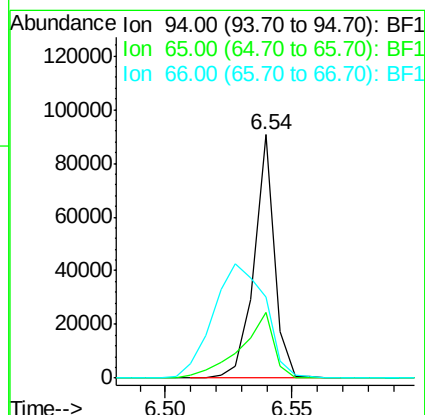
RT: 6.54 min Scan# 757

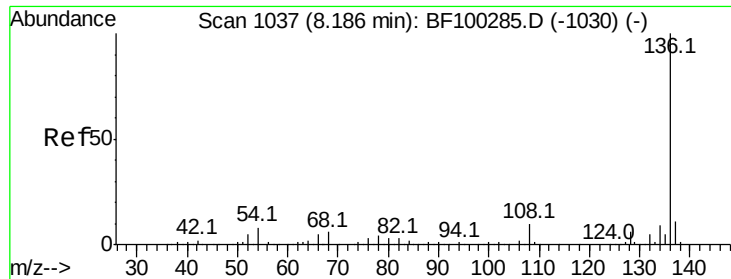
Delta R.T. -0.00 min

Lab File: BF100442.D

Acq: 11 Nov 2017 15:56

Tgt Ion:	94	Resp:	50940
Ion Ratio	Lower	Upper	
94	100		
65	27.1	7.9	47.9
66	33.4	16.2	56.2





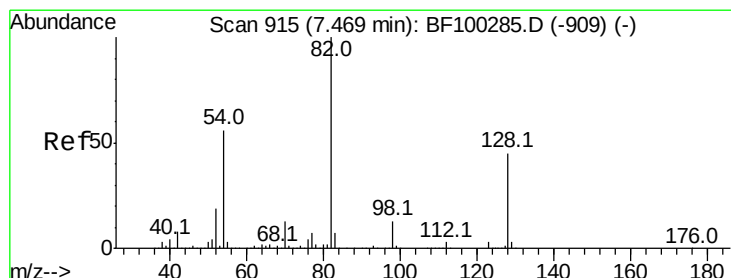
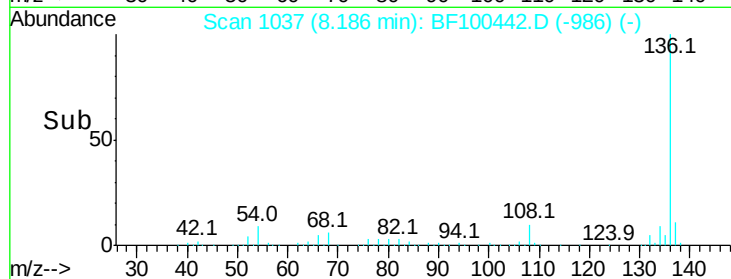
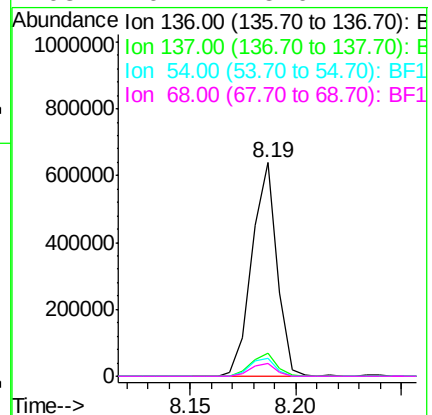
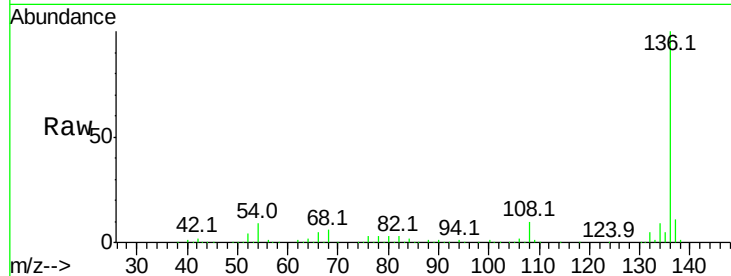
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF100442.D
Acq: 11 Nov 2017 15:56

Instrument :
BNA_F
ClientSampled :
TP-15

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	8.9	13.3	
54	8.7	6.6	9.8	
68	6.1	5.0	7.4	

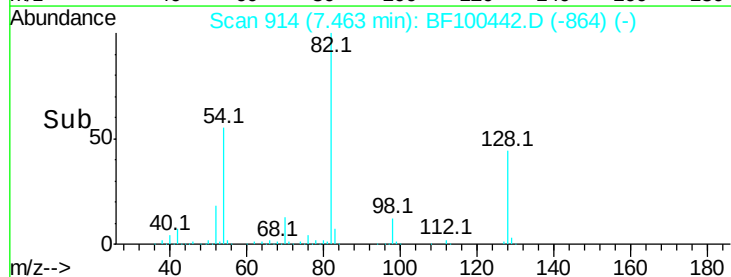
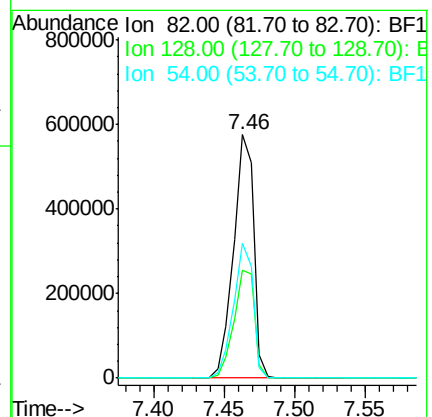
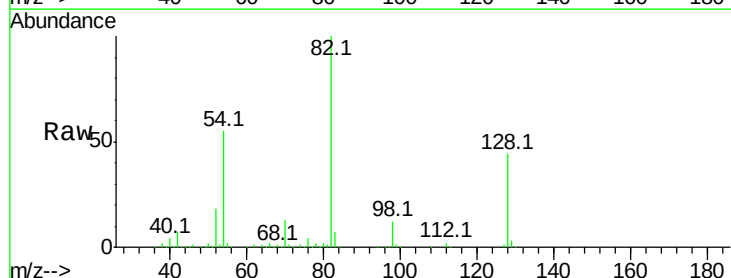
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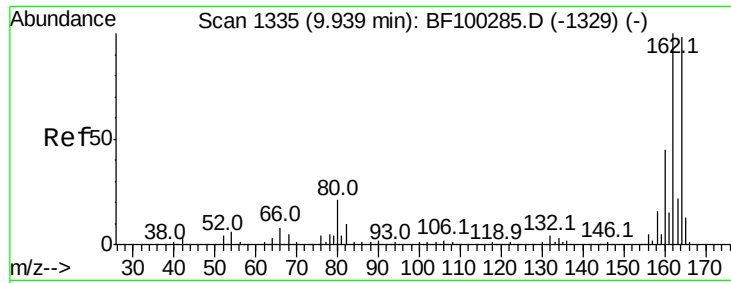
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#23
Nitrobenzene-d5
Concen: 71.953 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF100442.D
Acq: 11 Nov 2017 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.1	36.1	54.1	
54	55.4	41.4	62.2	





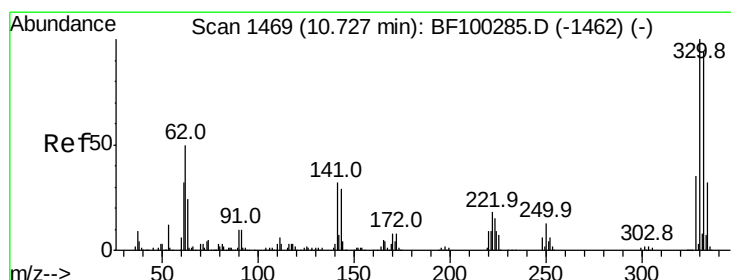
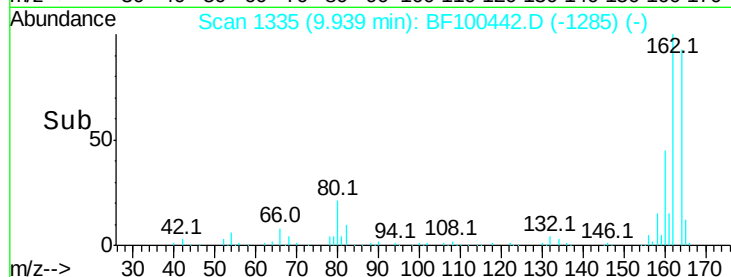
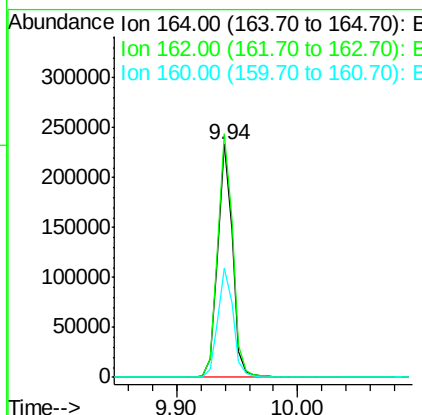
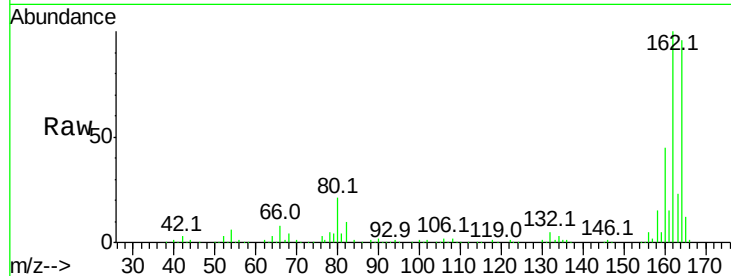
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF100442.D
Acq: 11 Nov 2017 15:56

Instrument :
BNA_F
ClientSampleId :
TP-15

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.4	86.1	129.1
160	46.7	38.3	57.5

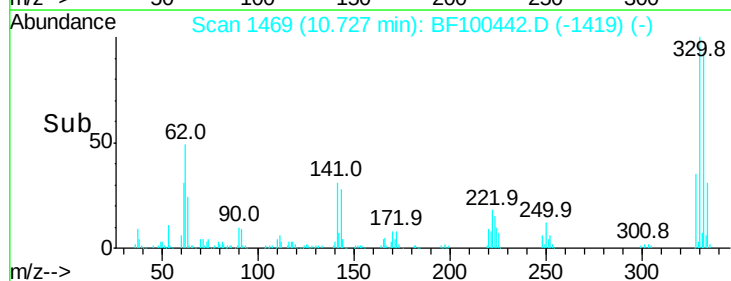
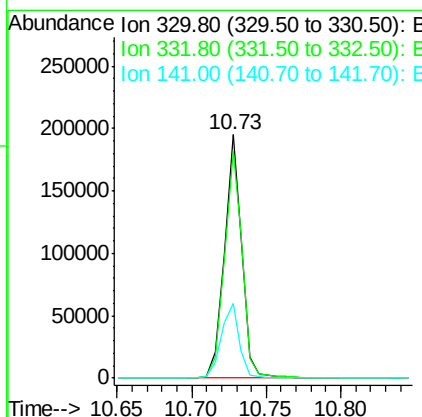
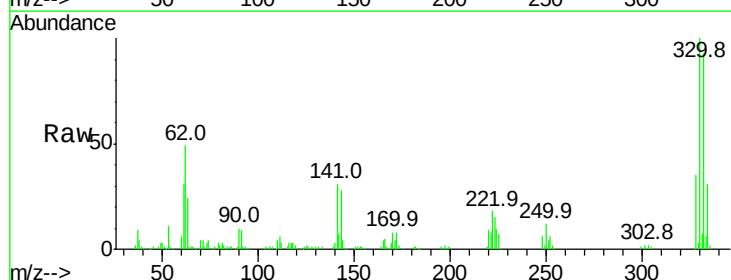
Manual Integrations
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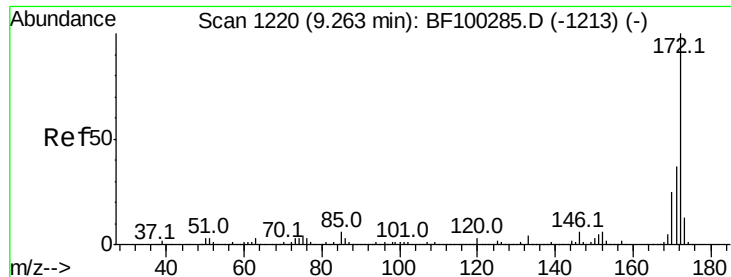
SOHIL
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#41
2,4,6-Tribromophenol
Concen: 81.637 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BF100442.D
Acq: 11 Nov 2017 15:56

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	31.9	29.9	44.9





#44

2-Fluorobiphenyl

Concen: 69.456 ng

RT: 9.26 min Scan# 1219

Delta R.T. -0.01 min

Lab File: BF100442.D

Acq: 11 Nov 2017 15:56

Instrument :

BNA_F

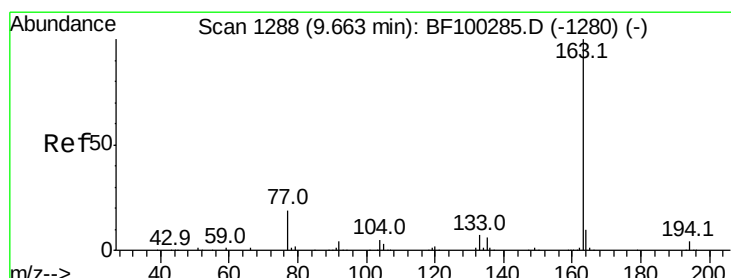
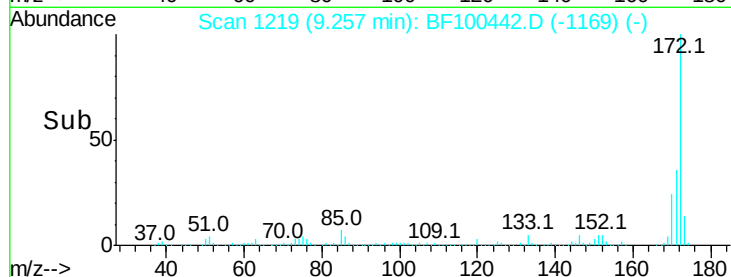
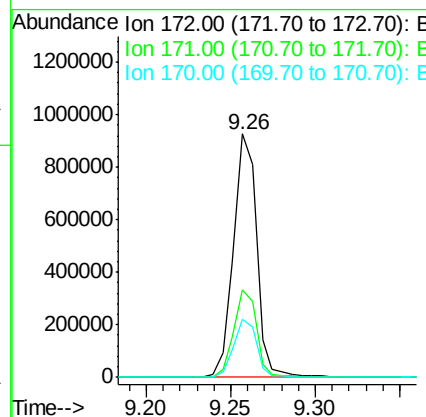
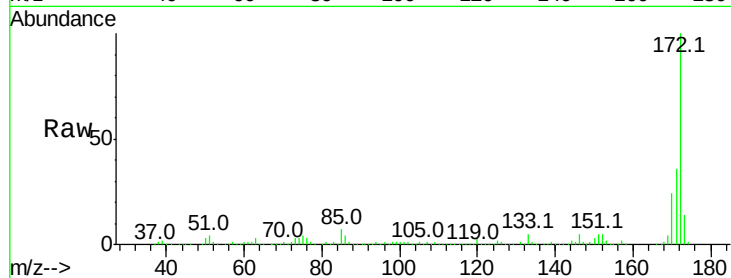
ClientSampleId :

TP-15

Tot Ion:	172	Resp:	886282
Ion Ratio	Lower	Upper	
172	100		
171	35.8	29.7	44.5
170	23.9	19.6	29.4

Manual Integrations
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#49

Dimethylphthalate

Concen: 5.868 ng

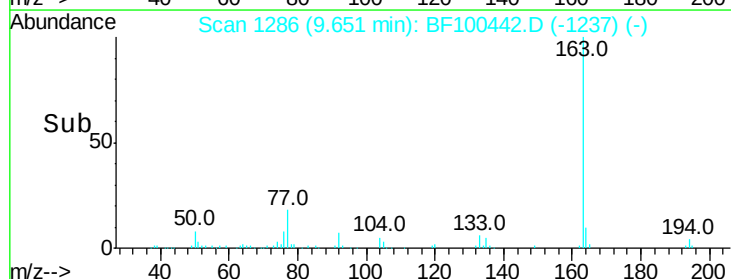
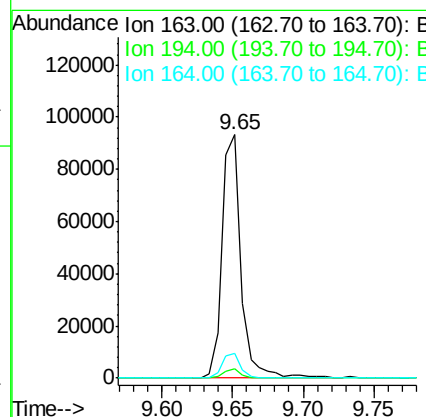
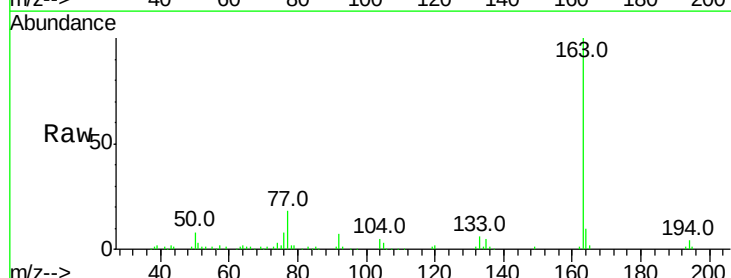
RT: 9.65 min Scan# 1286

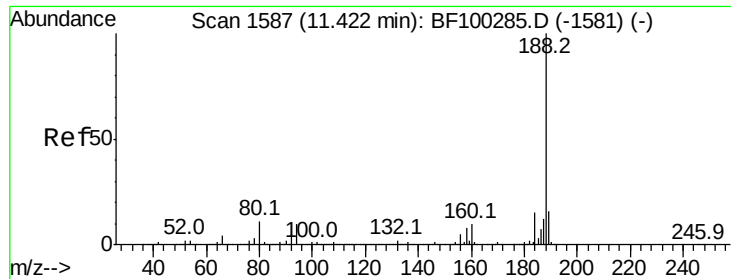
Delta R.T. -0.01 min

Lab File: BF100442.D

Acq: 11 Nov 2017 15:56

Tgt Ion:	163	Resp:	87049
Ion Ratio	Lower	Upper	
163	100		
194	3.7	2.7	4.1
164	10.0	8.2	12.2





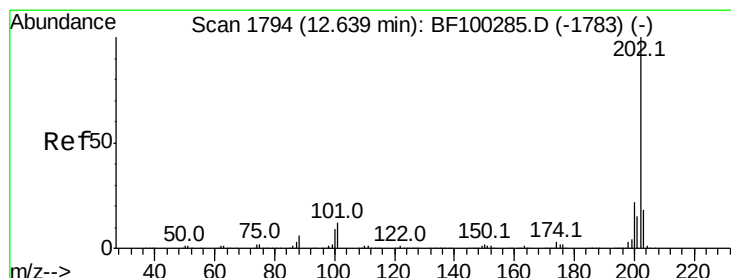
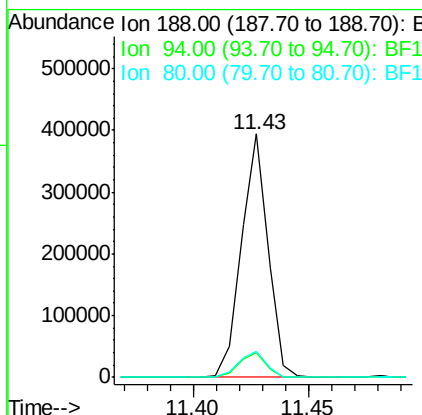
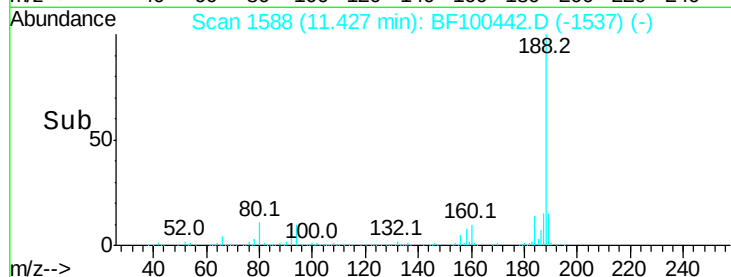
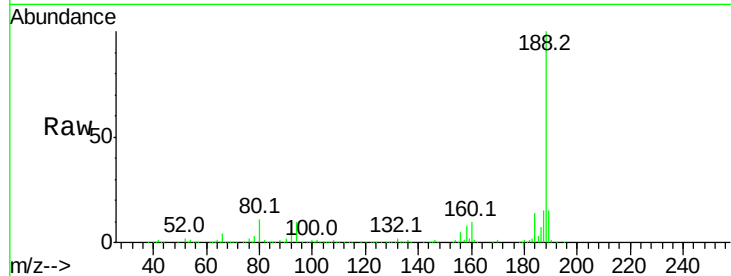
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BF100442.D
Acq: 11 Nov 2017 15:56

Instrument :
BNA_F
ClientSampled :
TP-15

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.0	8.5	12.7	
80	10.6	9.2	13.8	

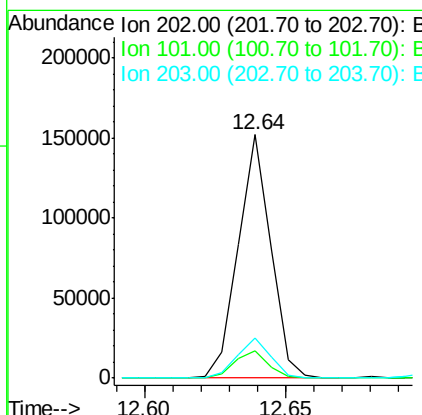
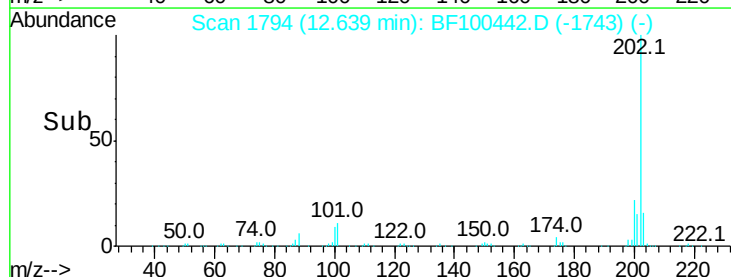
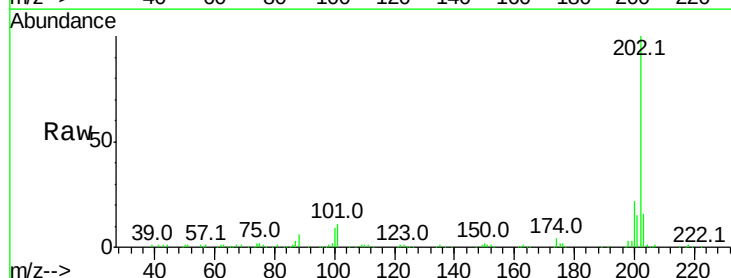
Manual Integrations
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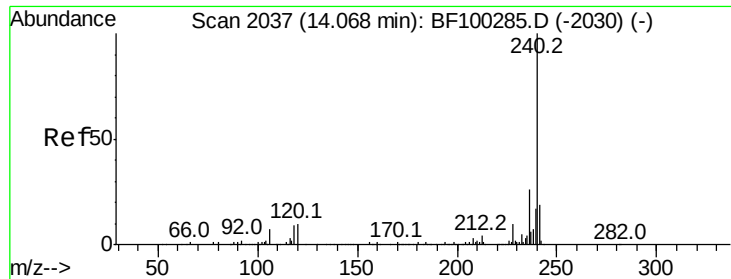
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#74
Fluoranthene
Concen: 6.926 ng
RT: 12.64 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BF100442.D
Acq: 11 Nov 2017 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	11.3	0.0	34.1	
203	16.2	0.0	38.1	





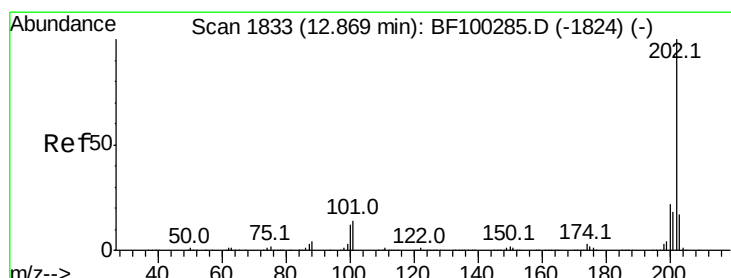
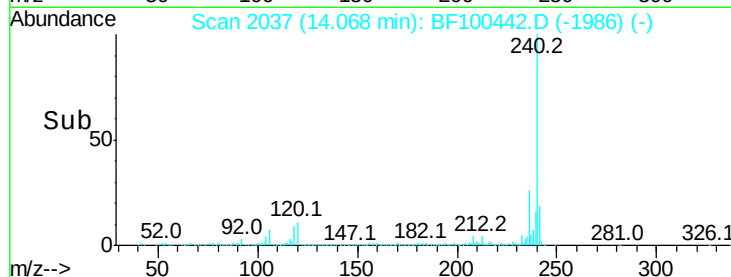
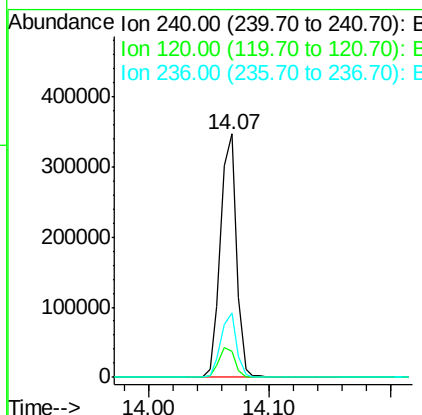
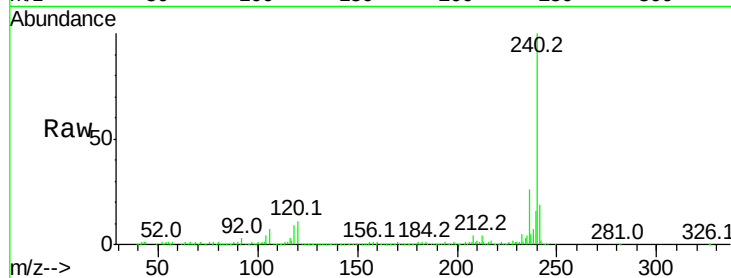
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BF100442.D
Acq: 11 Nov 2017 15:56

Instrument :
BNA_F
ClientSampleId :
TP-15

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.5	14.3
236	26.3	20.7	31.1

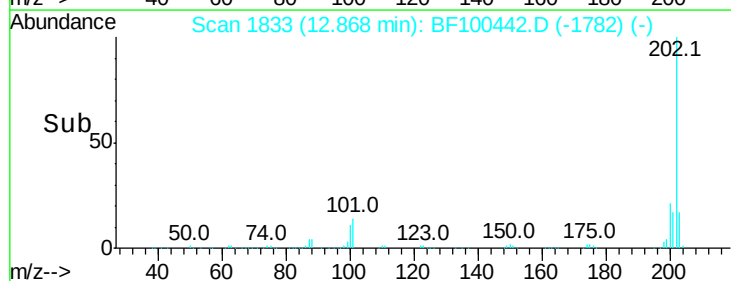
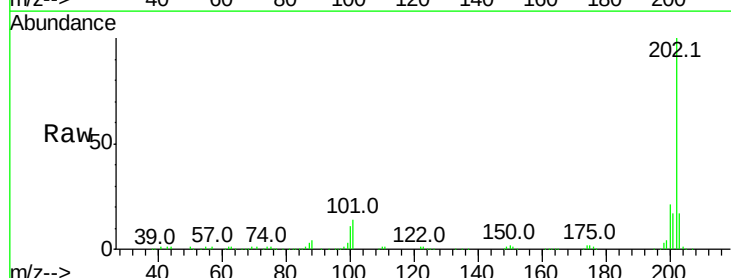
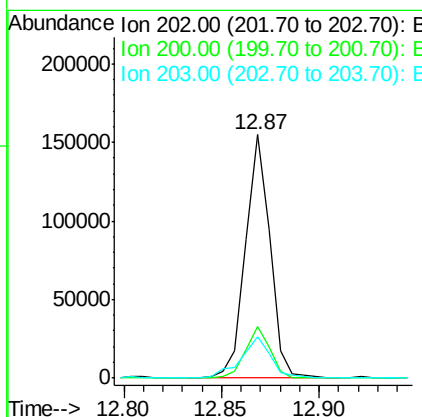
Manual Integrations
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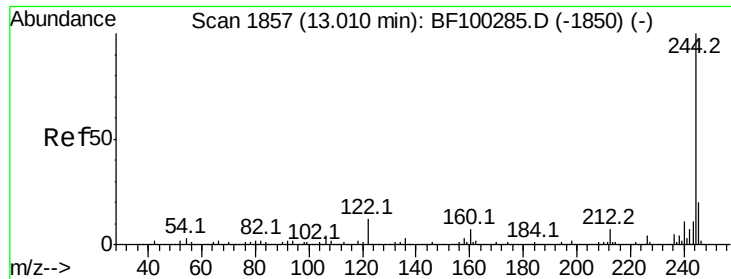
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#77
Pyrene
Concen: 5.970 ng
RT: 12.87 min Scan# 1833
Delta R.T. -0.00 min
Lab File: BF100442.D
Acq: 11 Nov 2017 15:56

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	17.0	14.3	21.5





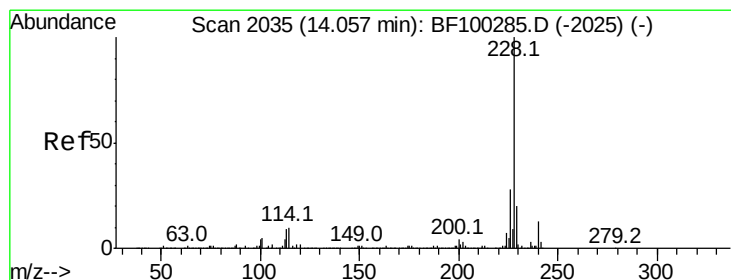
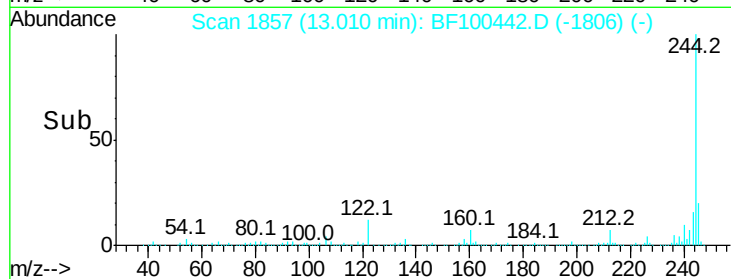
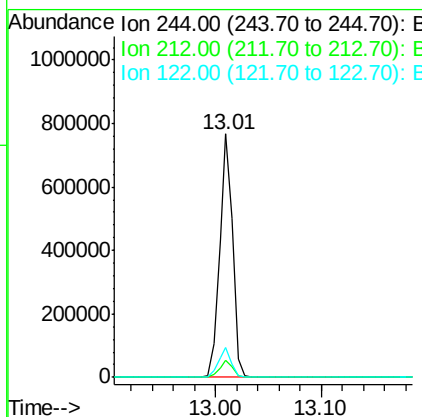
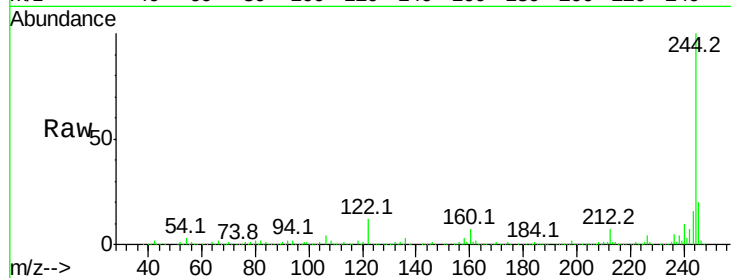
#78
 Terphenyl-d14
 Concen: 48.229 ng
 RT: 13.01 min Scan# 1857
 Delta R.T. -0.00 min
 Lab File: BF100442.D
 Acq: 11 Nov 2017 15:56

Instrument :
 BNA_F
 ClientSampled :
 TP-15

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	12.0	11.0	16.4

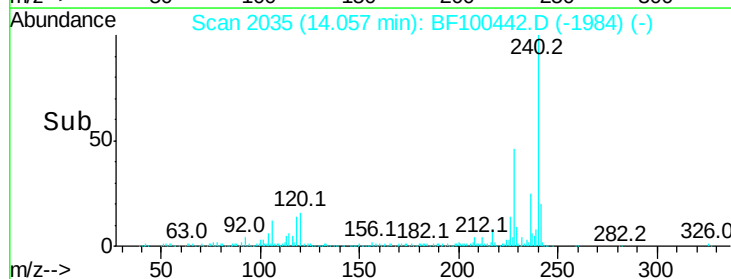
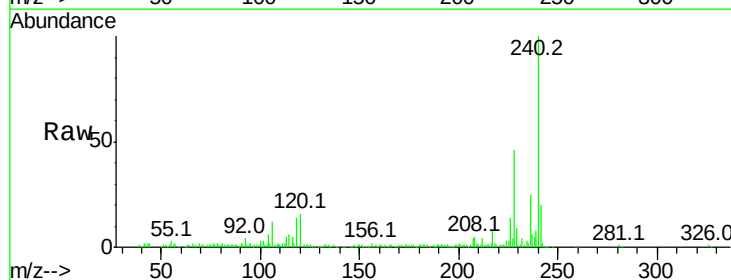
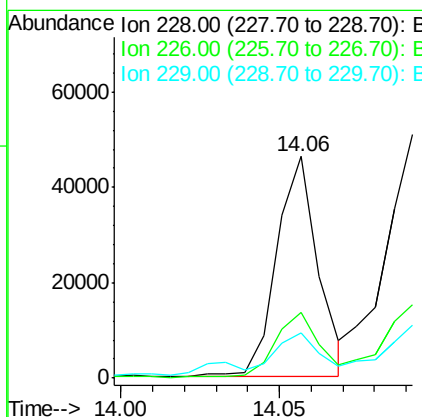
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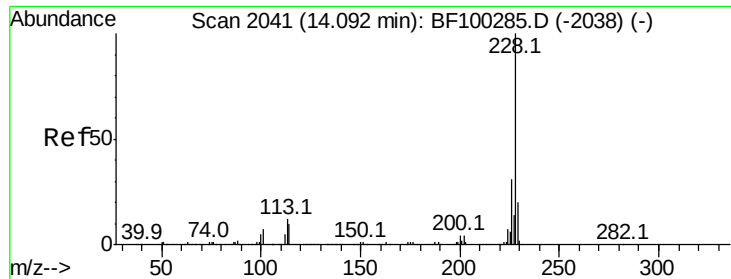
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#80
 Benzo(a)anthracene
 Concen: 2.186 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BF100442.D
 Acq: 11 Nov 2017 15:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.6	33.8
229	20.6	15.8	23.6





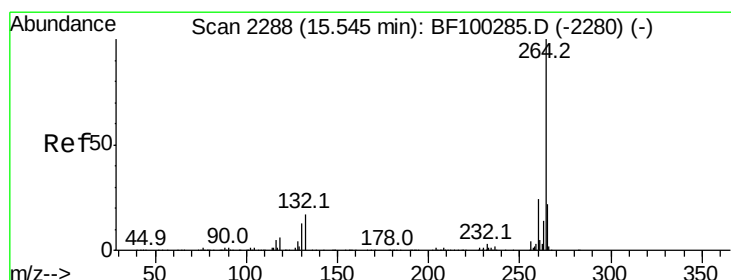
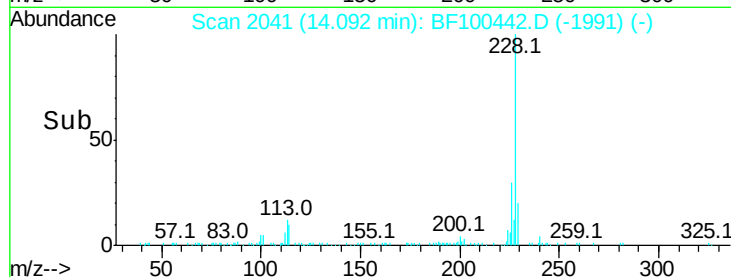
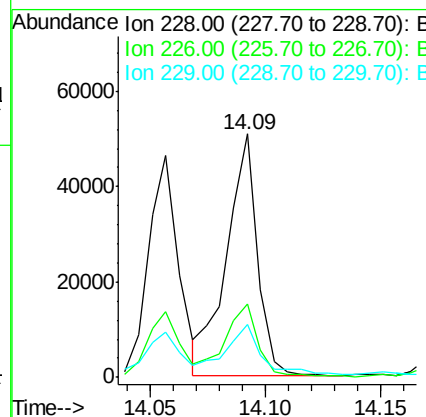
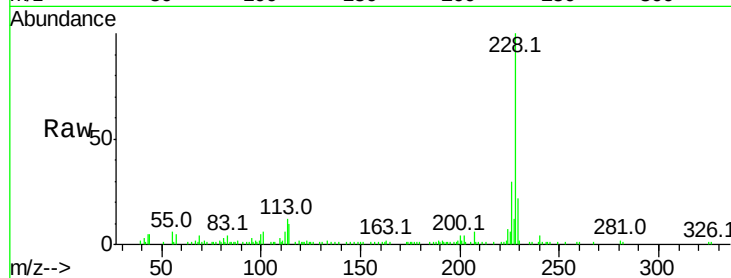
#82
Chrysene
Concen: 2.553 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BF100442.D
Acq: 11 Nov 2017 15:56

Instrument :
BNA_F
ClientSampleId :
TP-15

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	21.6	16.2	24.4

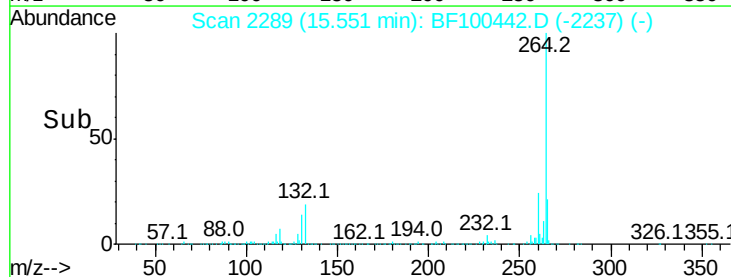
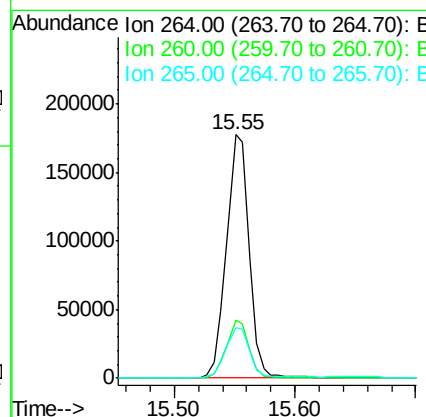
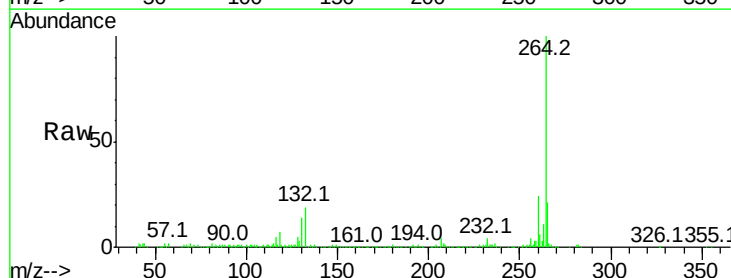
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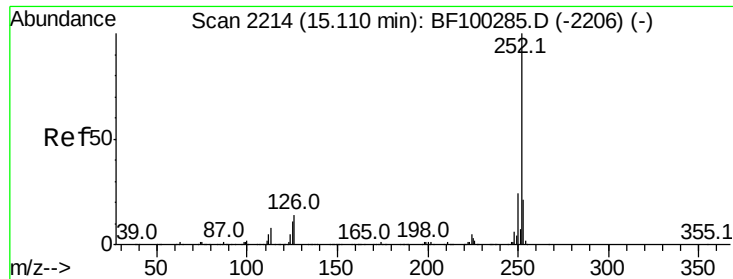
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. 0.01 min
Lab File: BF100442.D
Acq: 11 Nov 2017 15:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	20.8	17.5	26.3





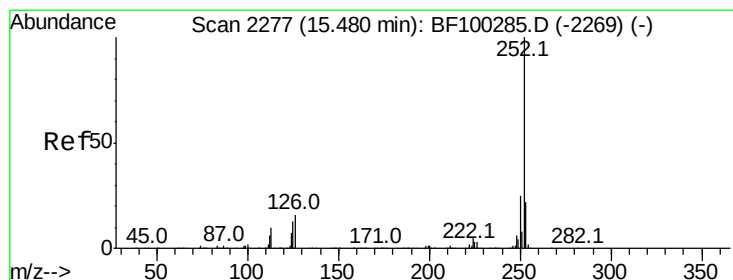
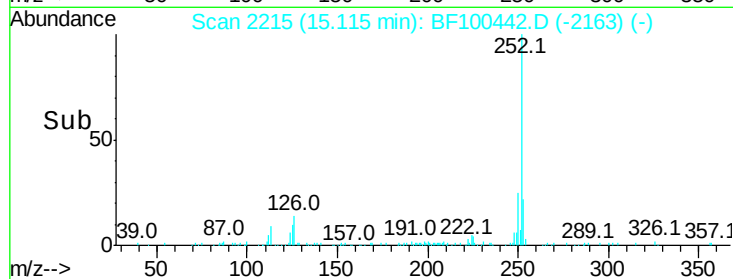
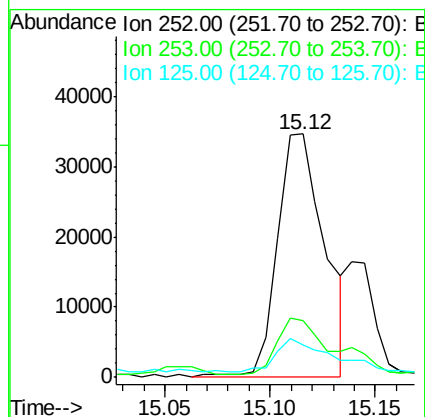
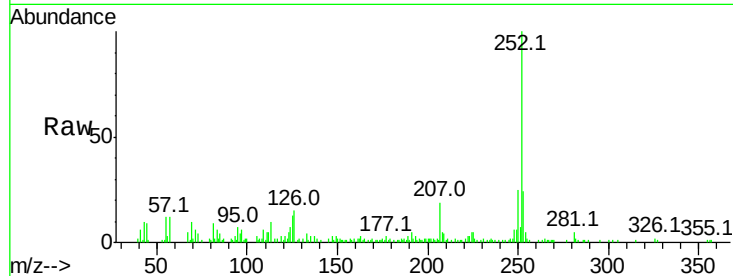
#87
Benzo(b)fluoranthene
Concen: 3.964 ng m
RT: 15.12 min Scan# 2215
Delta R.T. 0.01 min
Lab File: BF100442.D
Acq: 11 Nov 2017 15:56

Instrument :
BNA_F
ClientSampled :
TP-15

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.0	25.6
125	13.1	9.0	13.6

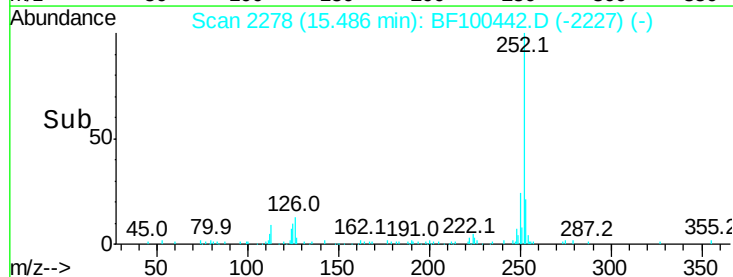
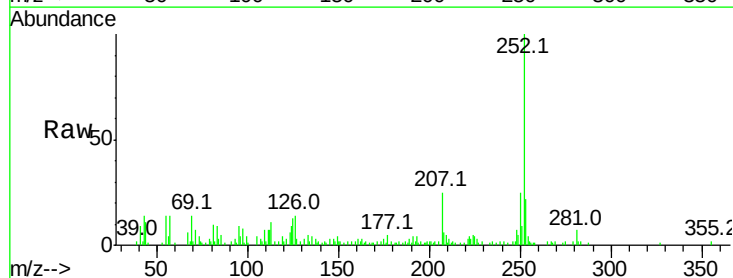
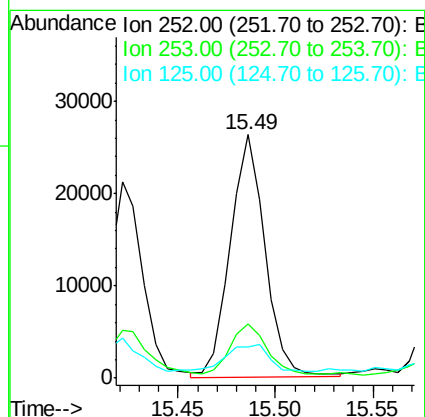
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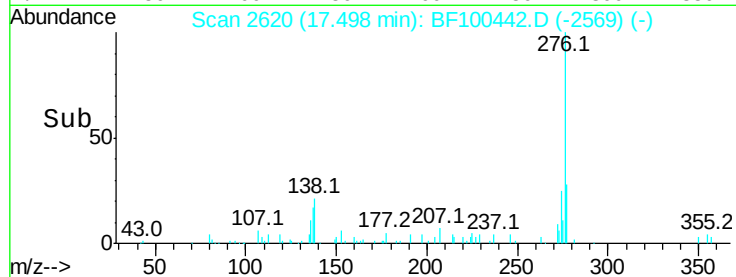
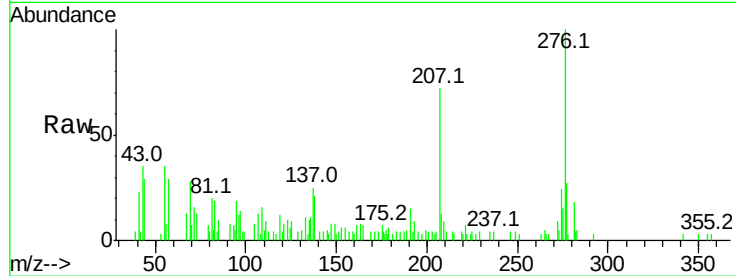
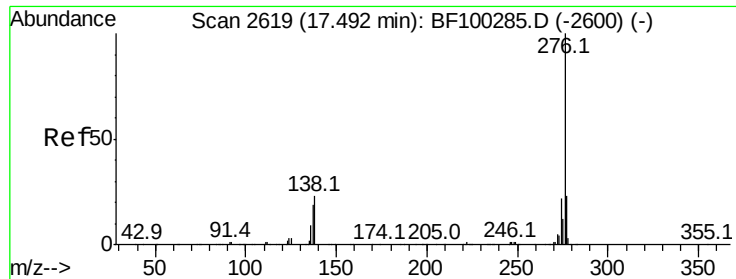
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#89
Benzo(a)pyrene
Concen: 2.682 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.00 min
Lab File: BF100442.D
Acq: 11 Nov 2017 15:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	13.0	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 2.492 ng
 RT: 17.50 min Scan# 2620
 Delta R.T. -0.00 min
 Lab File: BF100442.D
 Acq: 11 Nov 2017 15:56

Instrument :
 BNA_F
 ClientSampleId :
 TP-15

Tot Ion	Ratio	Lower	Upper
276	100		
277	26.9	17.9	26.9#
138	20.8	21.8	32.8#

Manual Integrations
 APPROVED

SOHIL
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