

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111117\
 Data File : BF100466.D
 Acq On : 12 Nov 2017 3:57
 Operator : SJ/JU
 Sample : I6408-01
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-A19R(11-13)

Manual Integrations
 APPROVED

SOHIL
 11/13/2017 4:54:00 PM

Quant Time: Nov 13 05:40:09 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	6.92	152	58490	20.00	ng	0.02
21) Naphthalene-d8	8.25	136	113173	20.00	ng	0.06
38) Acenaphthene-d10	10.00	164	62727	20.00	ng	0.06
63) Phenanthrene-d10	11.43	188	273661	20.00	ng	0.00
75) Chrysene-d12	14.06	240	298674	20.00	ng	0.00
86) Perylene-d12	15.54	264	203523	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	896286	245.64	ng	0.00
7) Phenol-d6	6.53	99	920093	204.49	ng	0.00
23) Nitrobenzene-d5	7.49	82	335833	196.19	ng	0.02
41) 2,4,6-Tribromophenol	10.76	330	211426	330.77	ng	0.02
44) 2-Fluorobiphenyl	9.33	172	429964	104.37	ng	0.06
78) Terphenyl-d14	13.02	244	1229387	94.58	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	8.99	142	424153	117.204	ng	# 89
54) Dibenzofuran	10.20	168	63701	11.457	ng	# 23
57) Fluorene	10.53	166	92121m	22.618	ng	
70) Phenanthrene	11.46	178	101880	7.071	ng	# 95

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

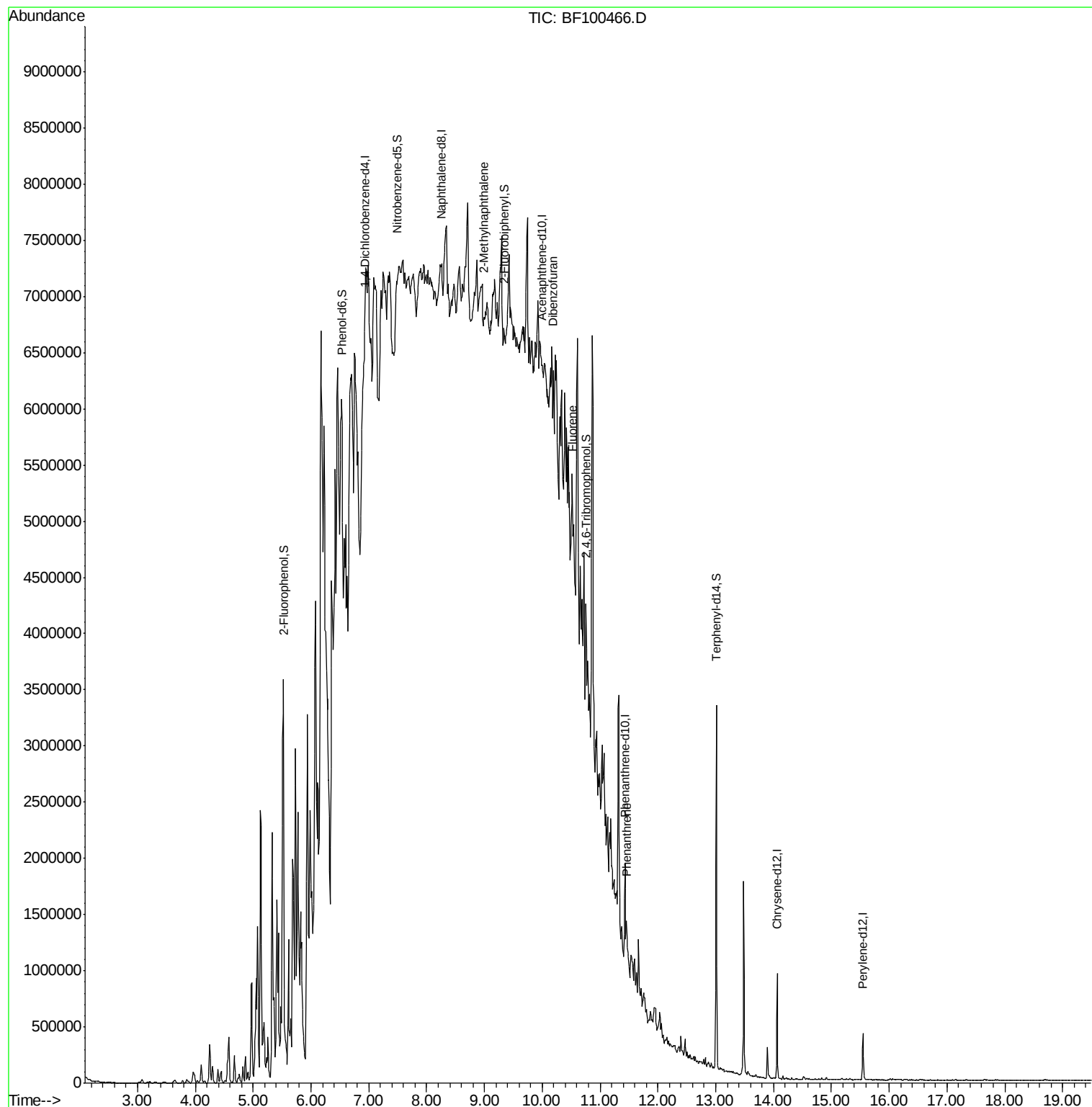
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111117\
Data File : BF100466.D
Acq On : 12 Nov 2017 3:57
Operator : SJ/JU
Sample : I6408-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

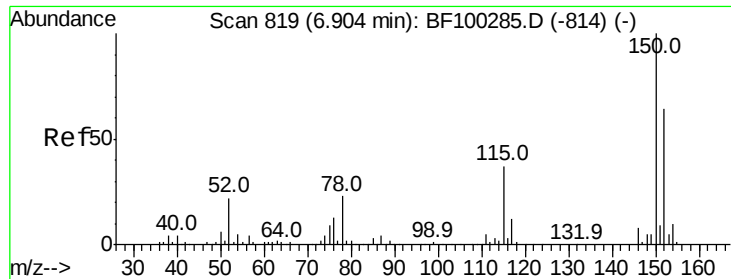
Instrument :
BNA_F
ClientSampleId :
MW-A19R(11-13)

Manual Integrations
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11/13/2017 4:54:00 PM

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#1

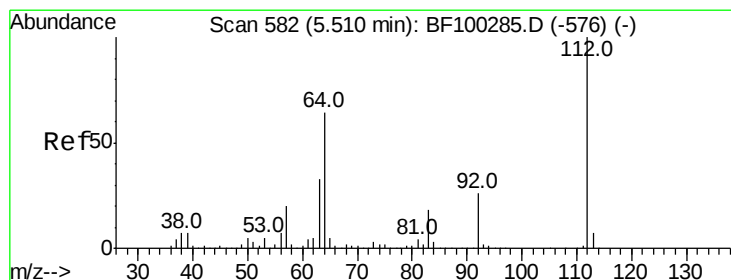
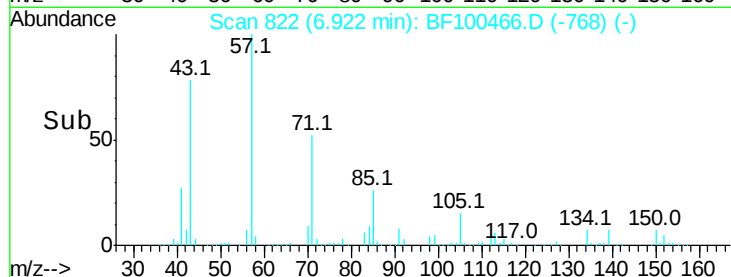
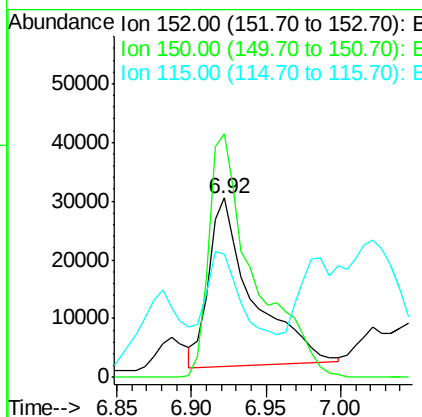
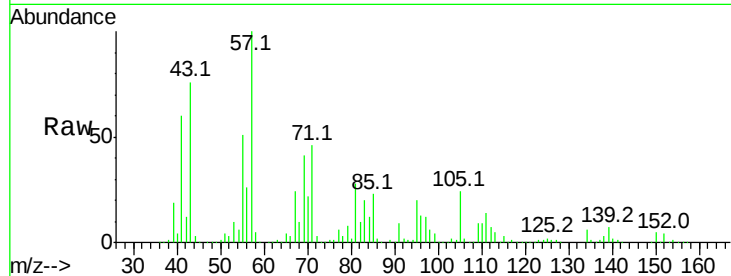
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 822
Delta R.T. 0.02 min
Lab File: BF100466.D
Acq: 12 Nov 2017 3:57

Instrument :
BNA_F
ClientSampleId :
MW-A19R(11-13)

Tot Ion	Ratio	Lower	Upper
152	100		
150	135.9	124.6	186.8
115	69.1	50.1	75.1

Manual Integrations
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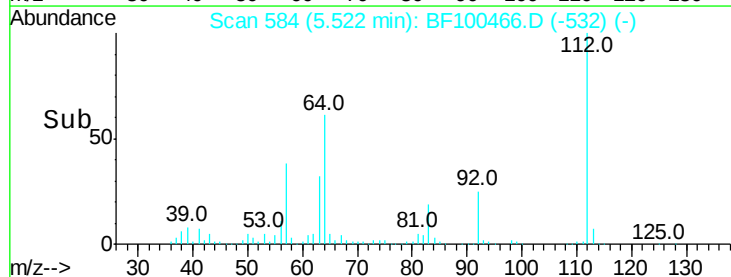
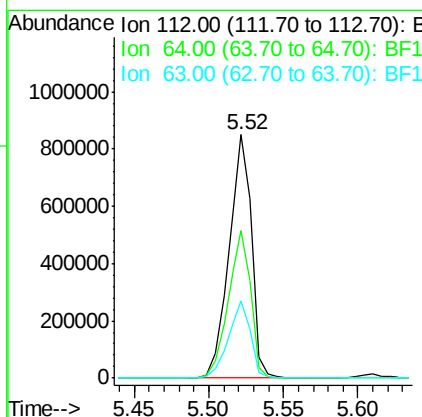
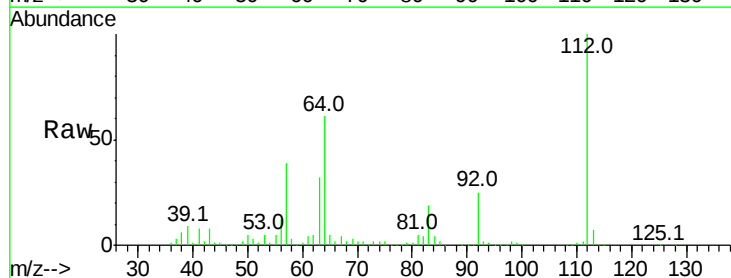
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#5

2-Fluorophenol
Concen: 245.638 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF100466.D
Acq: 12 Nov 2017 3:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.6	47.9	71.9
63	31.7	23.7	35.5





#7

Phenol-d6

Concen: 204.489 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF100466.D

Acq: 12 Nov 2017 3:57

Instrument :

BNA_F

ClientSampleId :

MW-A19R(11-13)

Tot Ion: 99 Resp: 920093

Ion Ratio Lower Upper

99 100

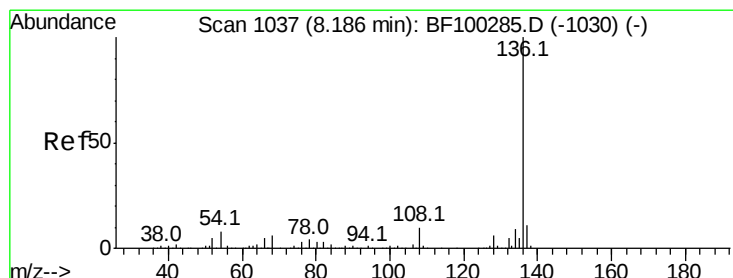
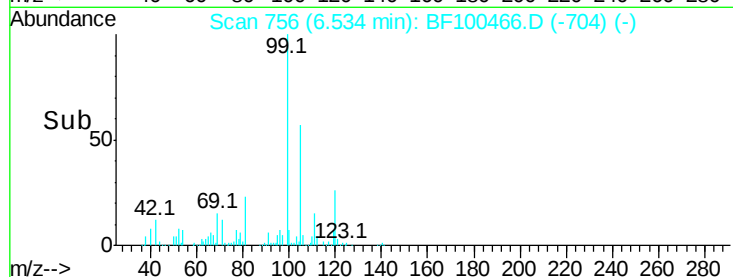
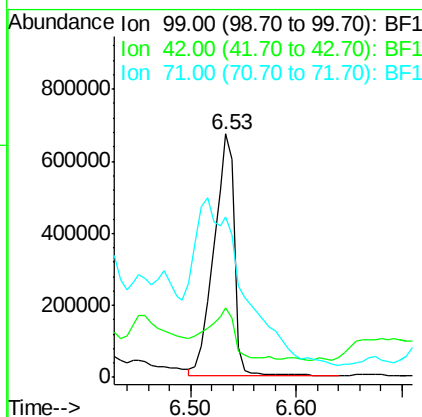
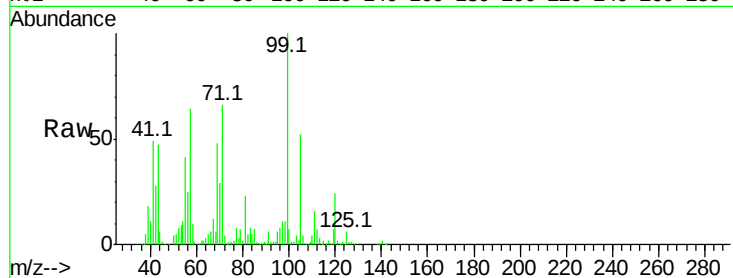
42 28.4 14.5 21.7#

71 65.7 25.4 38.0#

Manual Integrations
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11/13/2017 4:54:00 PM



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. 0.06 min

Lab File: BF100466.D

Acq: 12 Nov 2017 3:57

Tgt Ion: 136 Resp: 113173

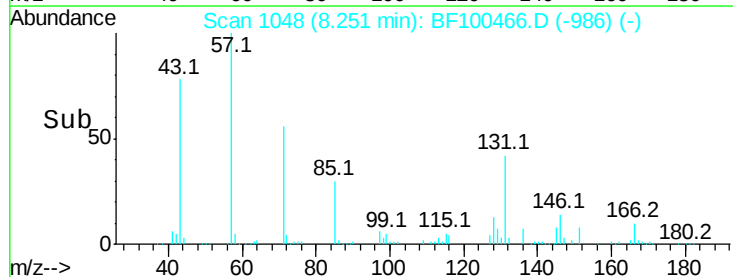
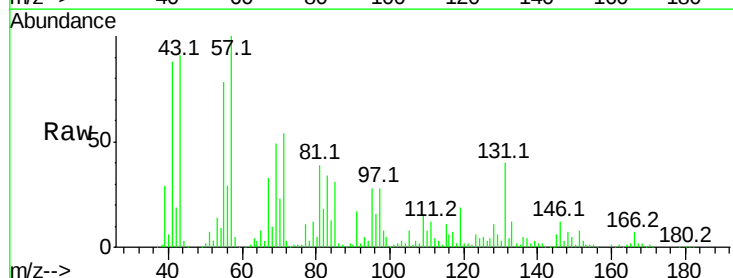
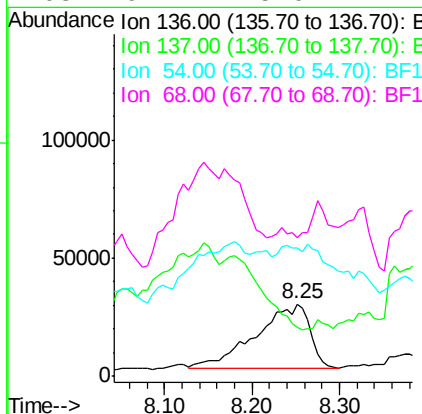
Ion Ratio Lower Upper

136 100

137 67.4 8.9 13.3#

54 177.3 6.6 9.8#

68 191.2 5.0 7.4#





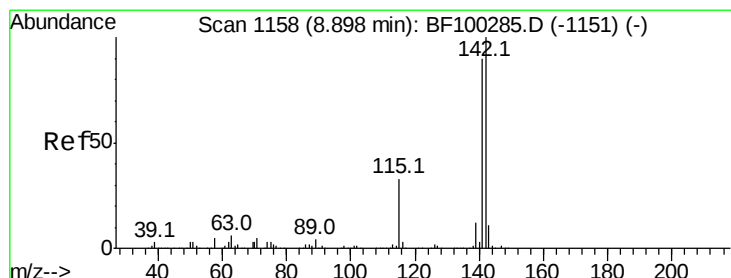
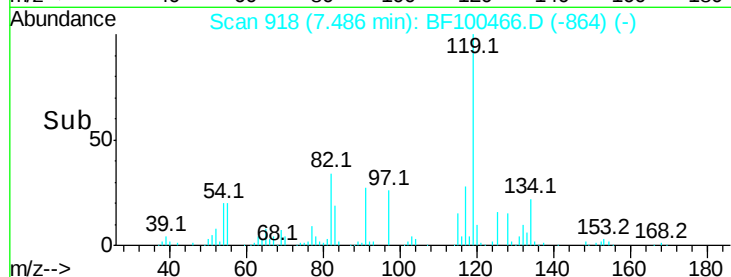
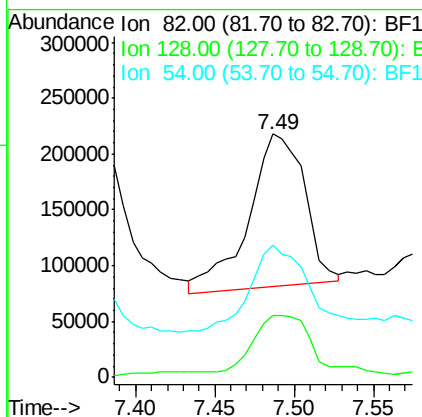
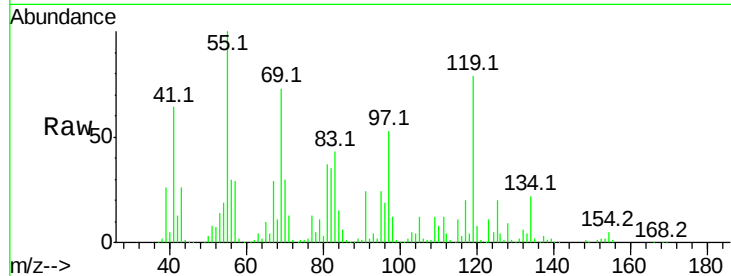
#23
 Nitrobenzene-d5
 Concen: 196.187 ng
 RT: 7.49 min Scan# 918
 Delta R.T. 0.02 min
 Lab File: BF100466.D
 Acq: 12 Nov 2017 3:57

Instrument :
 BNA_F
 ClientSampleId :
 MW-A19R(11-13)

Tot Ion:	82	Resp:	335833
Ion Ratio	Lower	Upper	
82	100		
128	25.4	36.1	54.1#
54	54.2	41.4	62.2

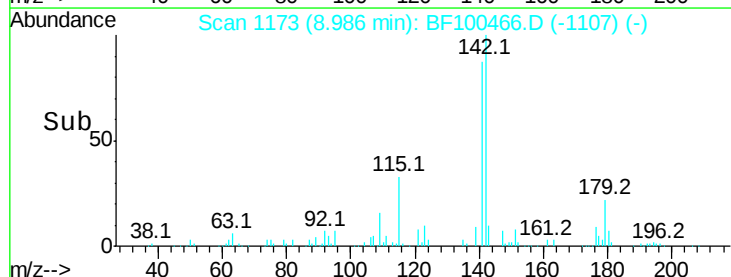
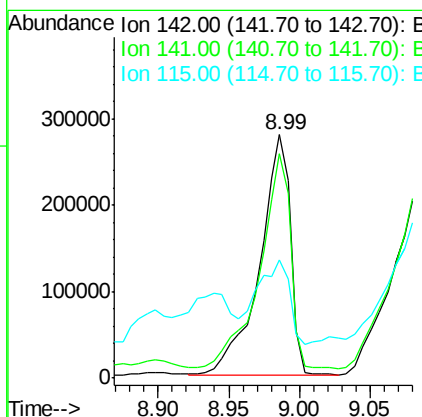
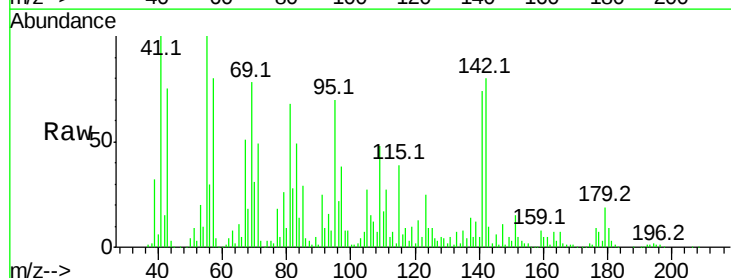
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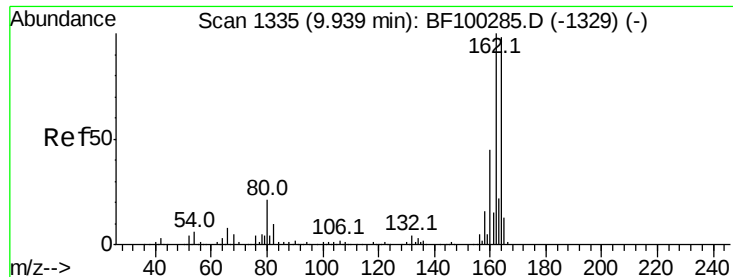
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#37
 2-Methylnaphthalene
 Concen: 117.204 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. 0.09 min
 Lab File: BF100466.D
 Acq: 12 Nov 2017 3:57

Tgt Ion:	142	Resp:	424153
Ion Ratio	Lower	Upper	
142	100		
141	92.3	70.8	106.2
115	48.5	26.1	39.1#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1346

Delta R.T. 0.06 min

Lab File: BF100466.D

Acq: 12 Nov 2017 3:57

Instrument :

BNA_F

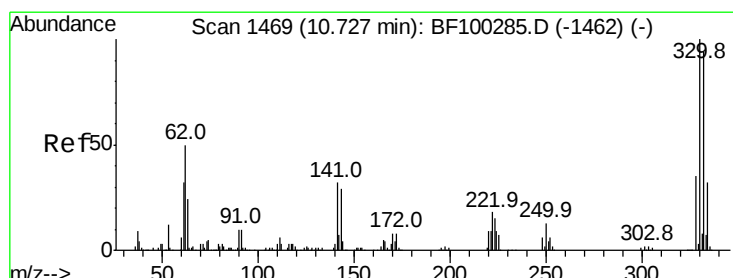
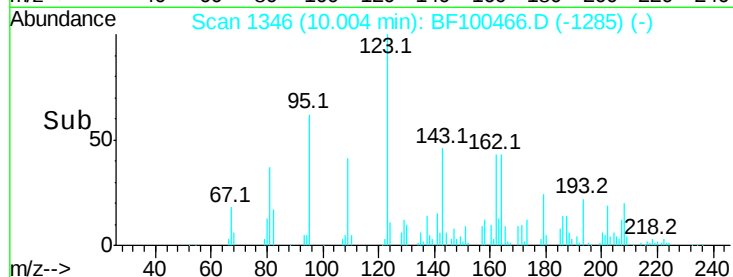
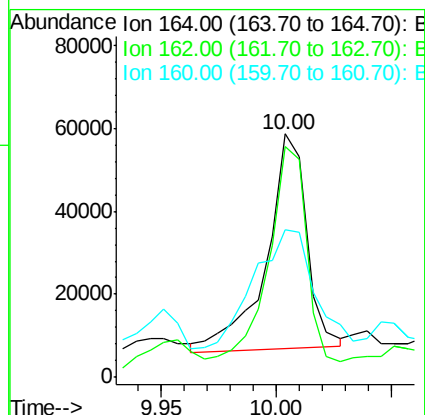
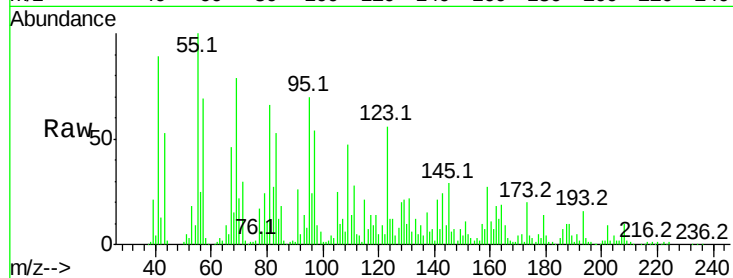
ClientSampleId :

MW-A19R(11-13)

Tot Ion:	164	Resp:	62727
Ion Ratio	Lower	Upper	
164	100		
162	94.7	86.1	129.1
160	60.8	38.3	57.5#

Manual Integrations
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#41

2,4,6-Tribromophenol

Concen: 330.773 ng

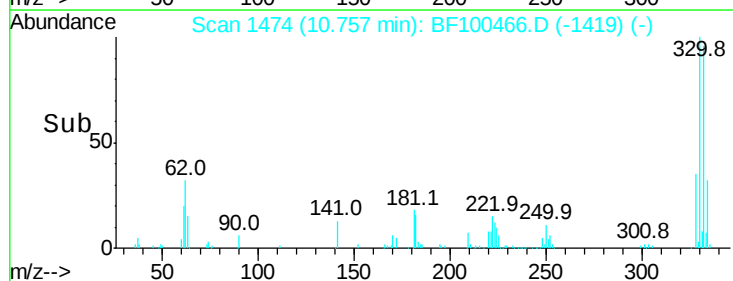
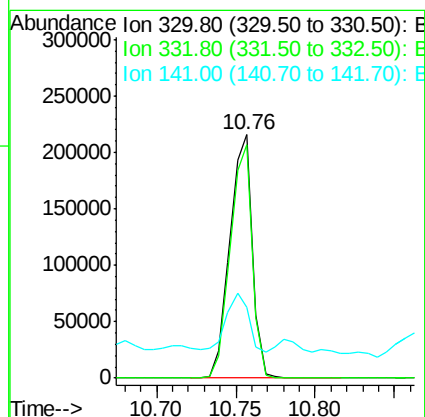
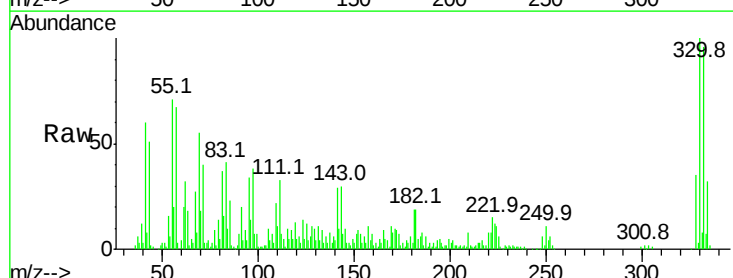
RT: 10.76 min Scan# 1474

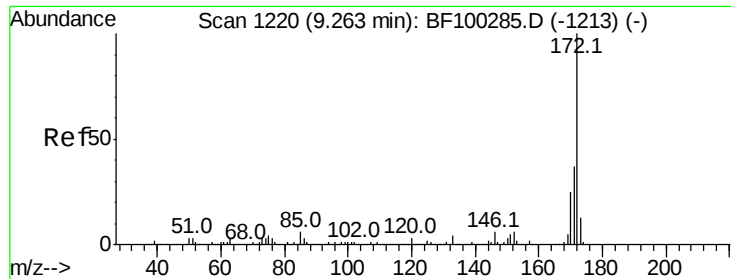
Delta R.T. 0.02 min

Lab File: BF100466.D

Acq: 12 Nov 2017 3:57

Tgt Ion:	330	Resp:	211426
Ion Ratio	Lower	Upper	
330	100		
332	94.4	77.0	115.6
141	23.6	29.9	44.9#





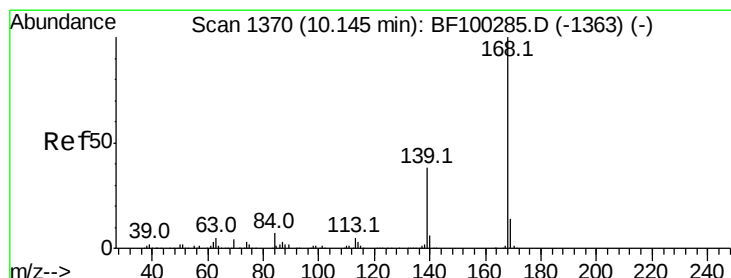
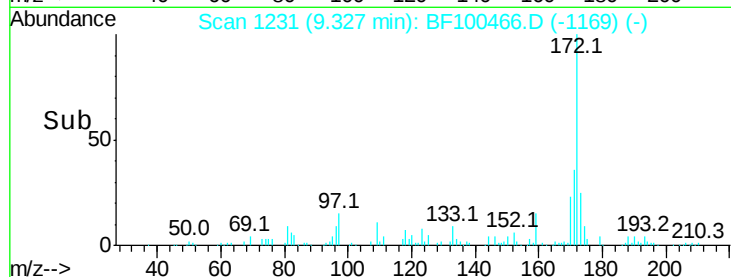
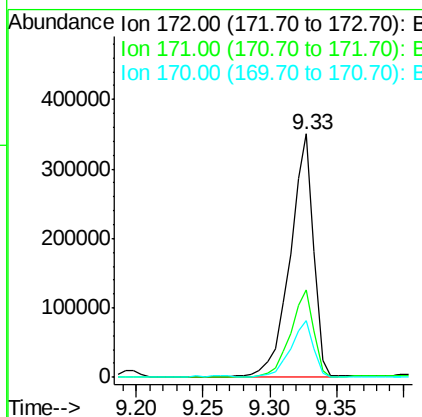
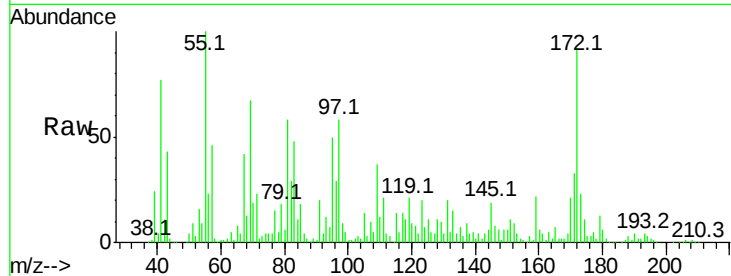
#44
2-Fluorobiphenyl
Concen: 104.375 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.06 min
Lab File: BF100466.D
Acq: 12 Nov 2017 3:57

Instrument :
BNA_F
ClientSampleId :
MW-A19R(11-13)

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.1	19.6	29.4

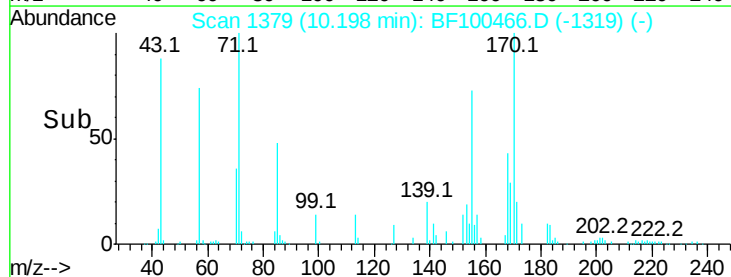
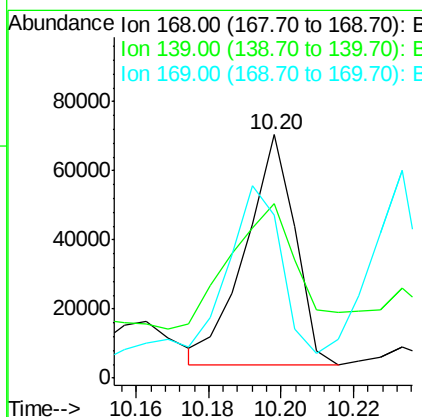
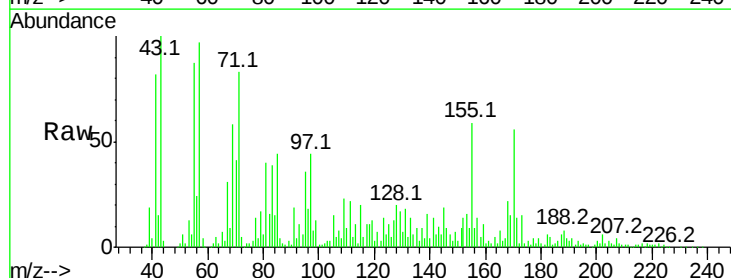
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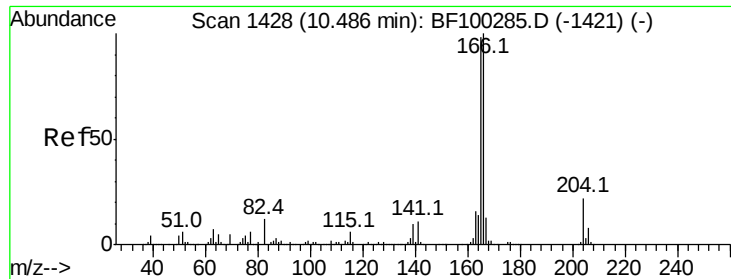
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#54
Dibenzofuran
Concen: 11.457 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.05 min
Lab File: BF100466.D
Acq: 12 Nov 2017 3:57

Tgt Ion	Ratio	Lower	Upper
168	100		
139	71.5	30.1	45.1#
169	67.0	10.9	16.3#





#57

Fluorene

Concen: 22.618 ng/mL

RT: 10.53 min Scan# 1435

Delta R.T. 0.04 min

Lab File: BF100466.D

Acq: 12 Nov 2017 3:57

Instrument :

BNA_F

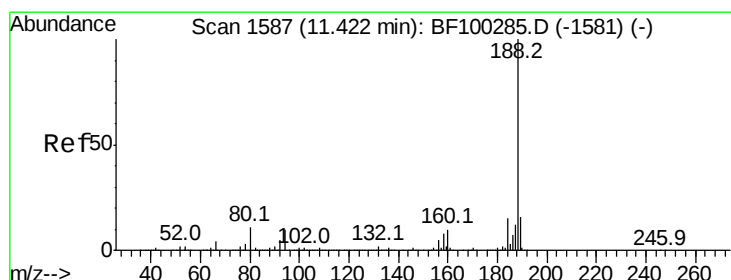
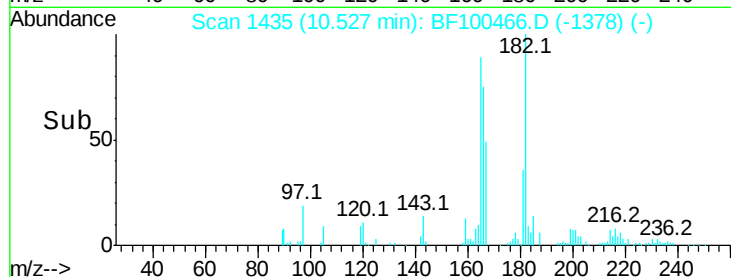
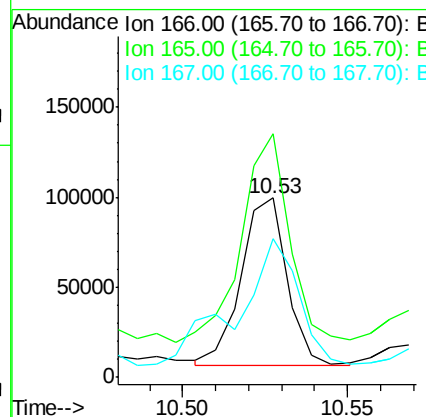
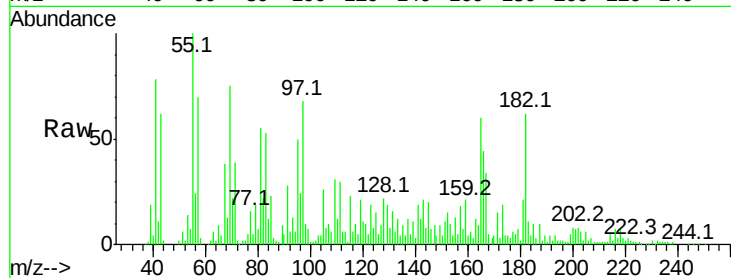
ClientSampled :

MW-A19R(11-13)

Tot Ion	Ratio	Lower	Upper
166	100		
165	135.9	79.8	119.8#
167	77.6	10.6	16.0#

Manual Integrations
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#63

Phenanthrene-d10

Concen: 20.000 ng/mL

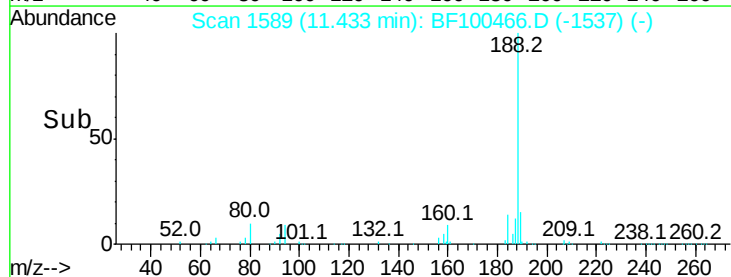
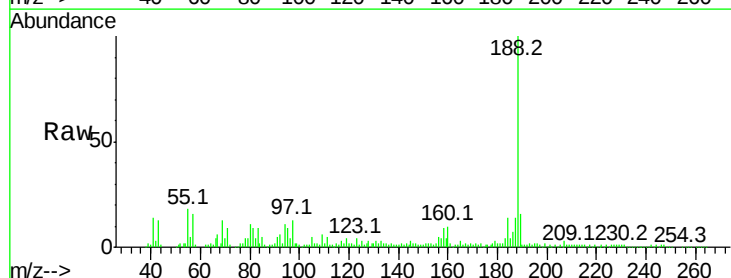
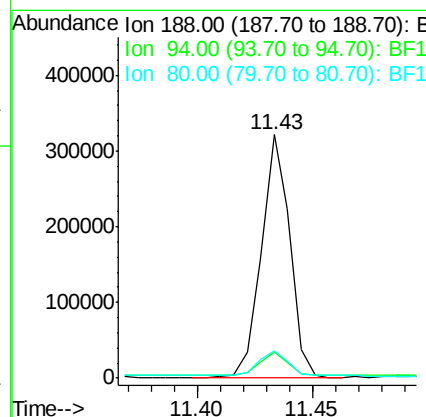
RT: 11.43 min Scan# 1589

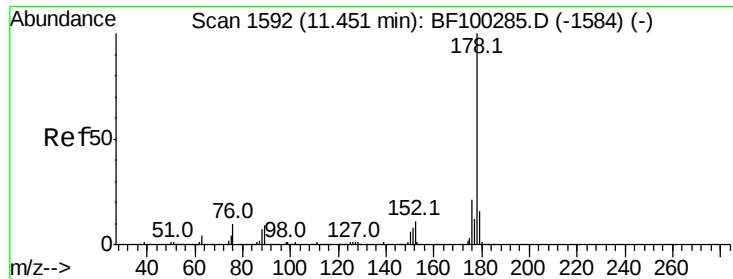
Delta R.T. 0.01 min

Lab File: BF100466.D

Acq: 12 Nov 2017 3:57

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.5	12.7
80	11.4	9.2	13.8





#70

Phenanthrene

Concen: 7.071 ng

RT: 11.46 min Scan# 1593

Delta R.T. -0.00 min

Lab File: BF100466.D

Acq: 12 Nov 2017 3:57

Instrument :

BNA_F

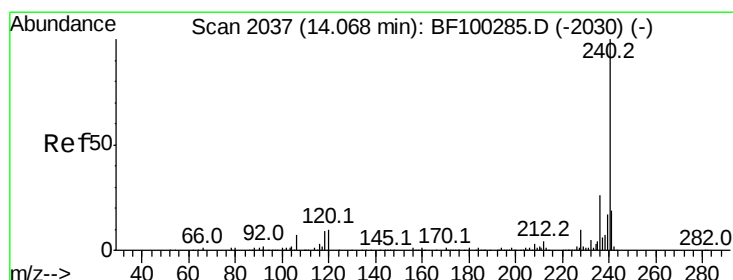
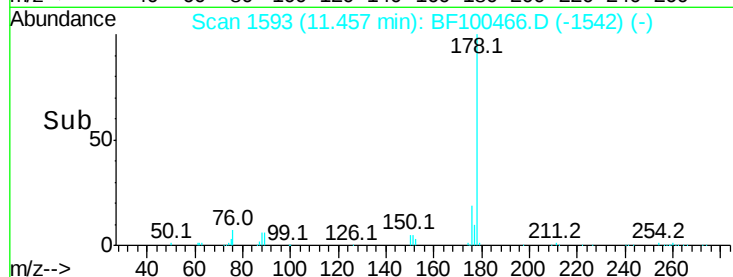
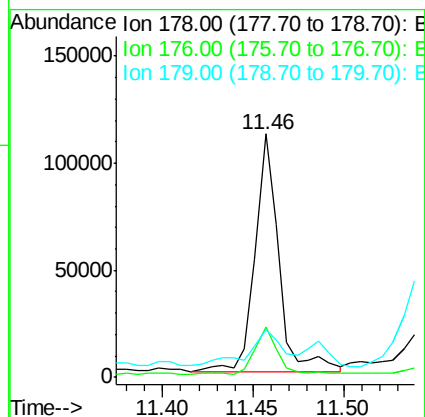
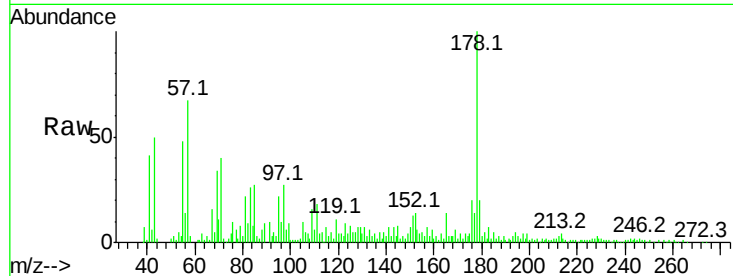
ClientSampleId :

MW-A19R(11-13)

Tot Ion:	178	Resp:	101880
Ion Ratio	Lower	Upper	
178	100		
176	20.4	15.8	23.8
179	19.9	13.0	19.6

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

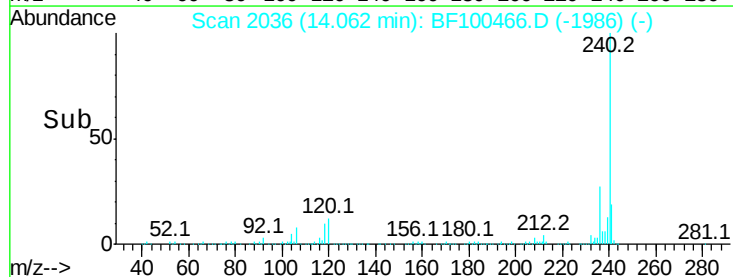
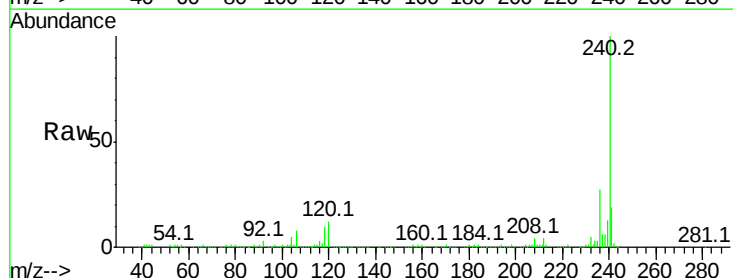
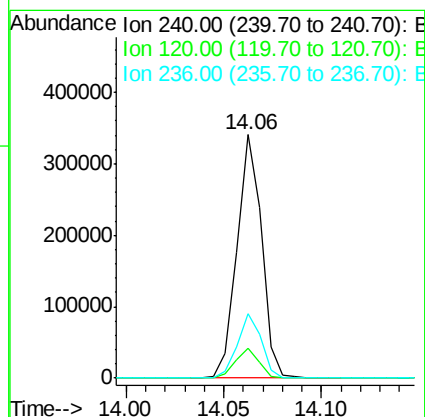
RT: 14.06 min Scan# 2036

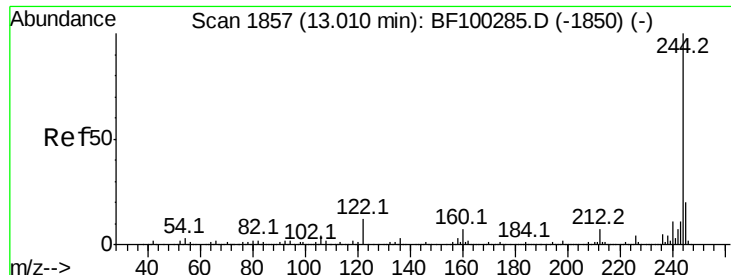
Delta R.T. -0.01 min

Lab File: BF100466.D

Acq: 12 Nov 2017 3:57

Tgt Ion:	240	Resp:	298674
Ion Ratio	Lower	Upper	
240	100		
120	12.1	9.5	14.3
236	26.5	20.7	31.1





#78

Terphenyl-d14

Concen: 94.577 ng

RT: 13.02 min Scan# 1858

Delta R.T. 0.01 min

Lab File: BF100466.D

Acq: 12 Nov 2017 3:57

Instrument :

BNA_F

ClientSampleId :

MW-A19R(11-13)

Tot Ion:244 Resp: 1229387

Ion Ratio Lower Upper

244 100

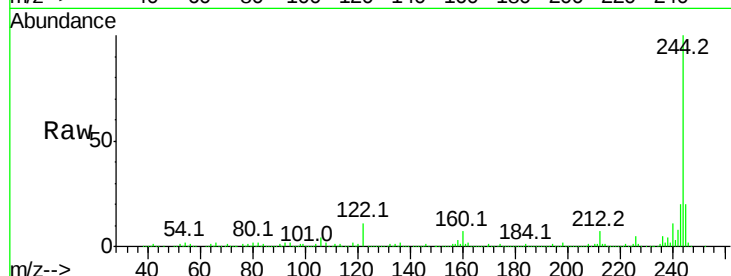
212 7.1 5.4 8.0

122 10.6 11.0 16.4#

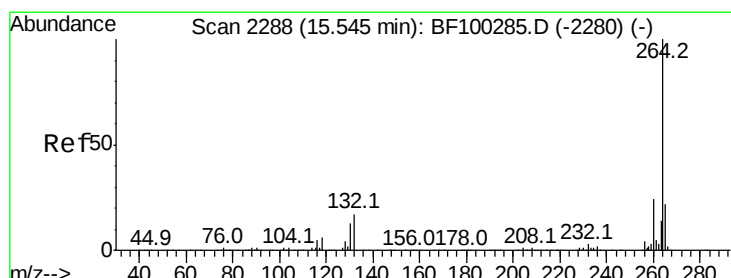
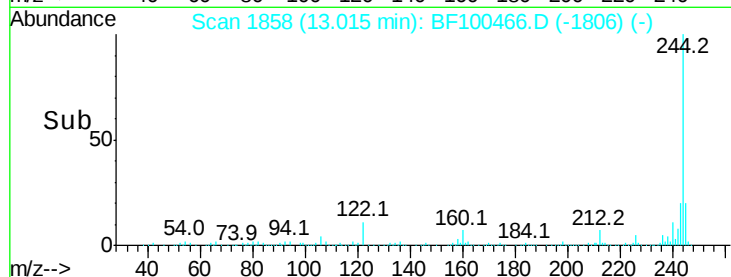
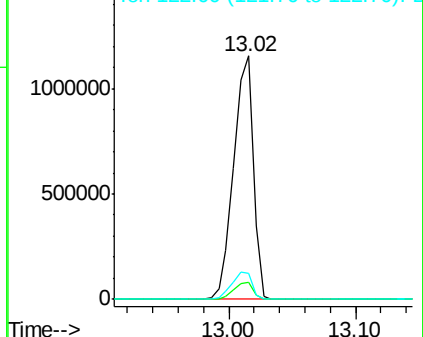
Manual Integrations
APPROVED

SOHIL

11/13/2017 4:54:00 PM



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2288

Delta R.T. -0.00 min

Lab File: BF100466.D

Acq: 12 Nov 2017 3:57

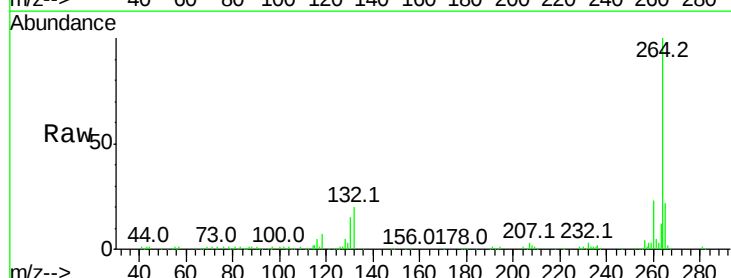
Tgt Ion:264 Resp: 203523

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.6 17.5 26.3



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

