

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111117\
 Data File : BF100438.D
 Acq On : 11 Nov 2017 14:09
 Operator : SJ/JU
 Sample : I6407-01 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 3091-4235

Manual Integrations
 APPROVED

SOHIL
 11/13/2017 4:54:18 PM

Quant Time: Nov 13 03:09:45 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	160267	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	601357	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	249584	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	403749	20.00	ng	0.00
75) Chrysene-d12	14.07	240	334133	20.00	ng	0.00
86) Perylene-d12	15.55	264	249880	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	644523	64.47	ng	0.00
7) Phenol-d6	6.53	99	794328	64.43	ng	0.00
23) Nitrobenzene-d5	7.46	82	472503	51.95	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	157284	61.84	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	875140	53.39	ng	0.00
78) Terphenyl-d14	13.01	244	649524	44.67	ng	0.00
Target Compounds						
10) Phenol	6.54	94	36701	2.836	ng	94
49) Dimethylphthalate	9.65	163	55408	2.908	ng	# 98
74) Fluoranthene	12.64	202	51325	2.278	ng	96
77) Pyrene	12.87	202	50959	2.139	ng	98
85) Indeno(1,2,3-cd)pyrene	17.04	276	48076	3.050	ng	94
87) Benzo(b)fluoranthene	15.12	252	37023m	2.501	ng	
89) Benzo(a)pyrene	15.49	252	27869	2.123	ng	# 85
91) Benzo(g,h,i)perylene	17.50	276	100658	9.580	ng	95

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

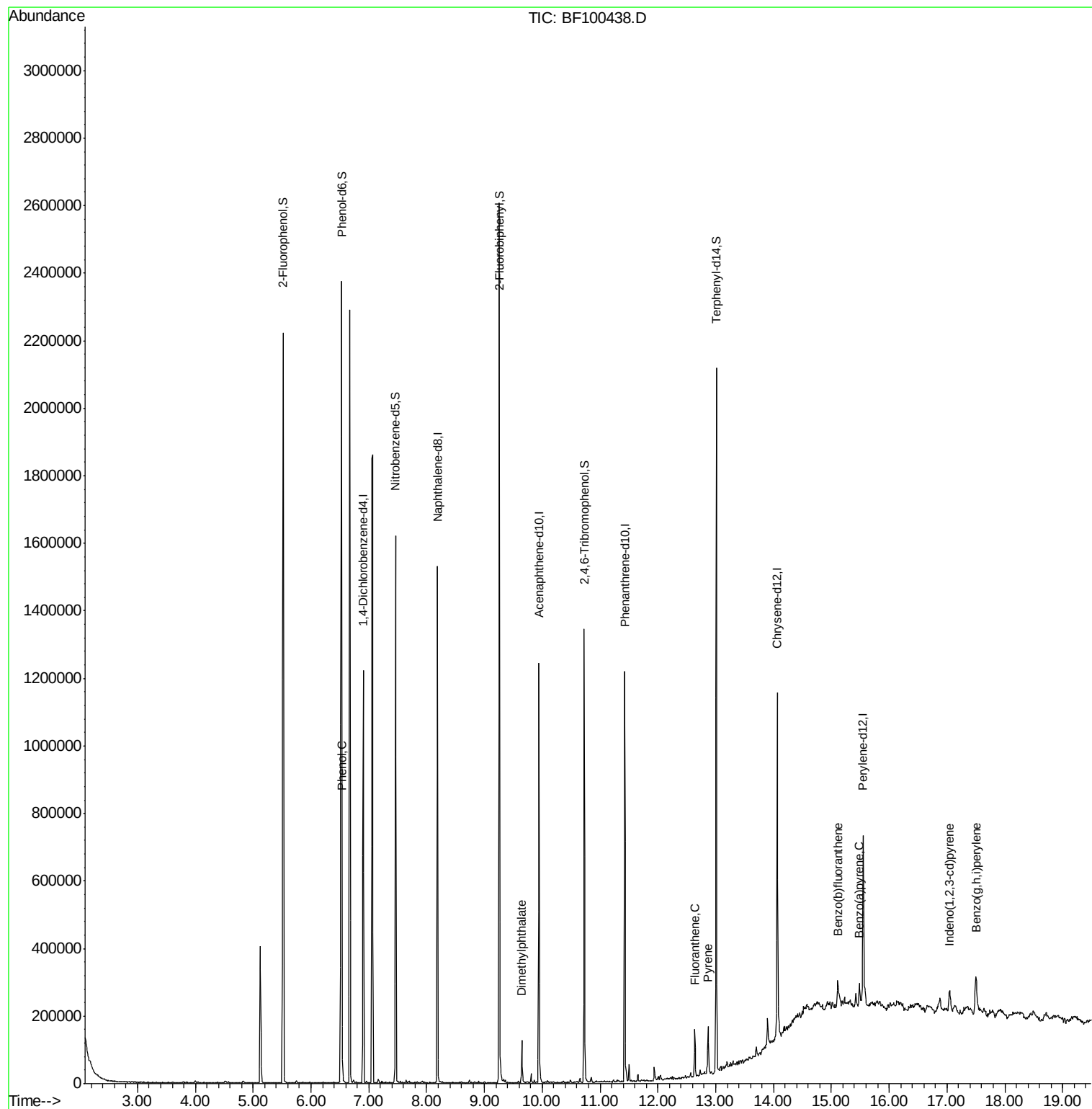
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111117\
Data File : BF100438.D
Acq On : 11 Nov 2017 14:09
Operator : SJ/JU
Sample : I6407-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

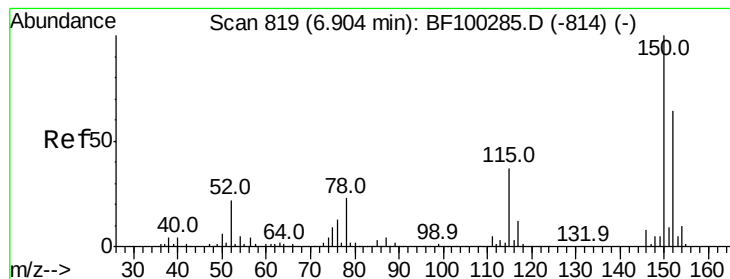
Instrument :
BNA_F
ClientSampleId :
3091-4235

Manual Integrations
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Quant Time: Nov 13 03:09:45 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
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#1

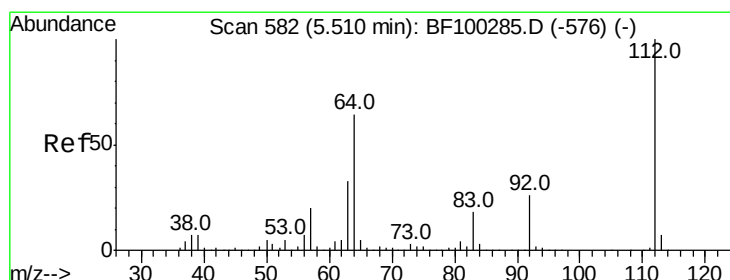
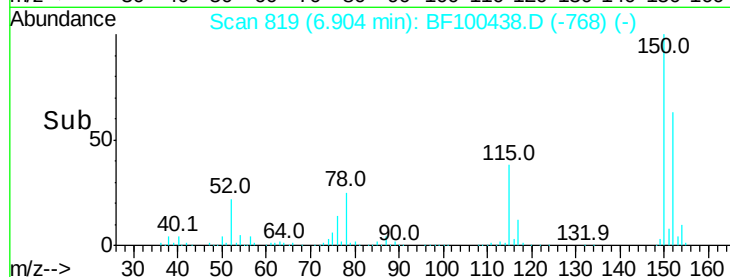
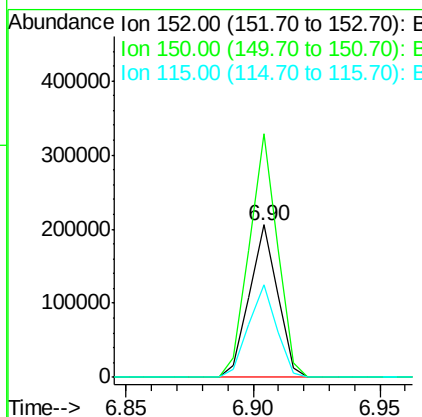
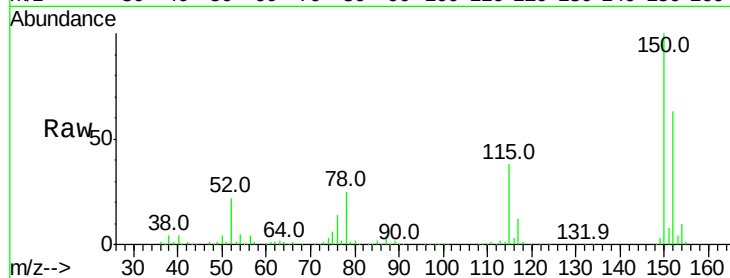
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF100438.D
Acq: 11 Nov 2017 14:09

Instrument :
BNA_F
ClientSampleId :
3091-4235

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	124.6	186.8
115	60.5	50.1	75.1

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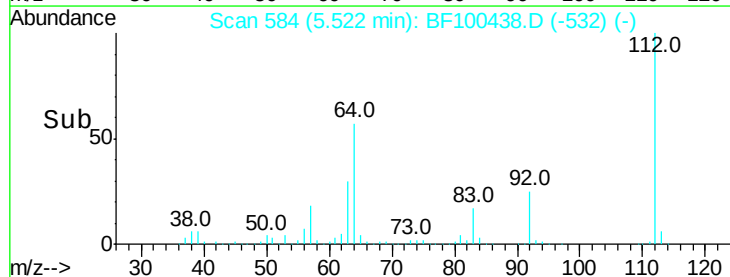
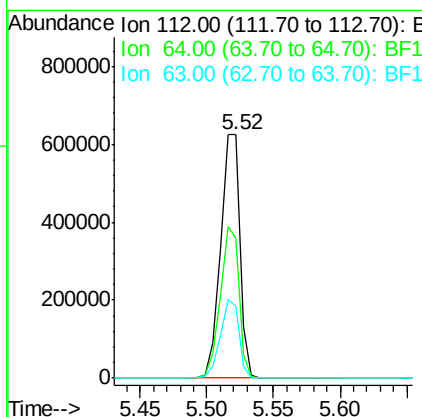
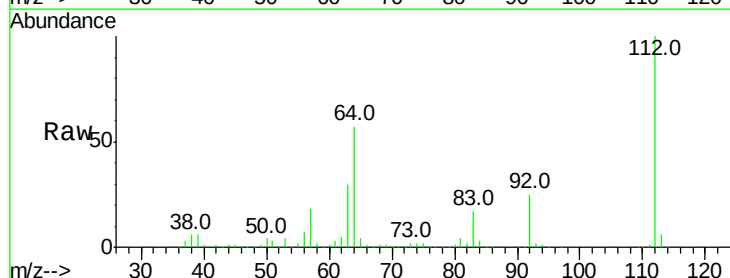
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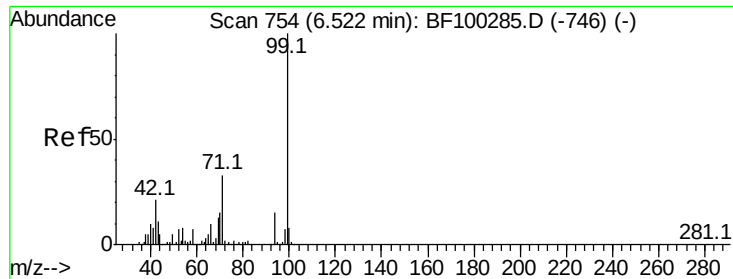


#5

2-Fluorophenol
Concen: 64.465 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF100438.D
Acq: 11 Nov 2017 14:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.4	47.9	71.9
63	29.6	23.7	35.5





#7

Phenol-d6

Concen: 64.428 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF100438.D

Acq: 11 Nov 2017 14:09

Instrument :

BNA_F

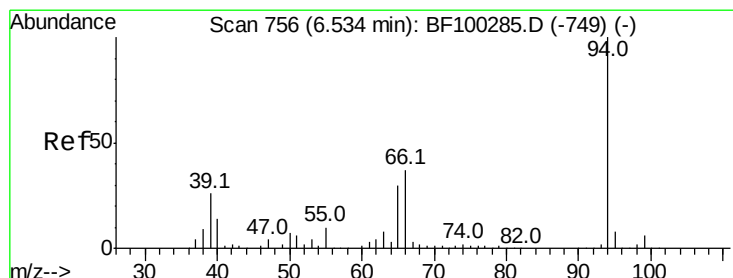
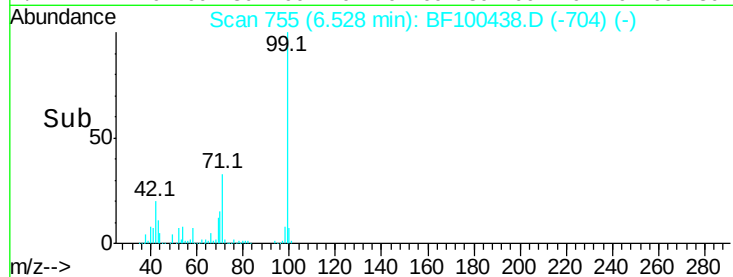
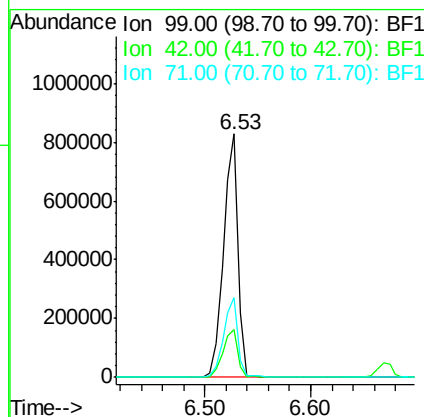
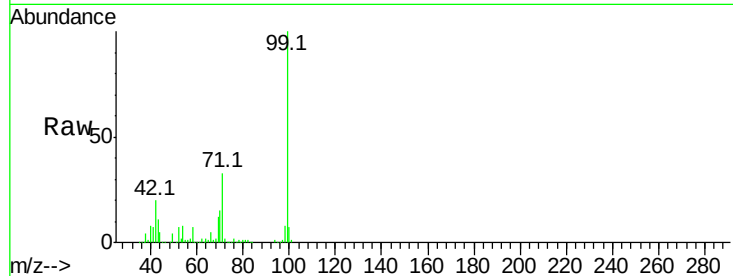
ClientSampleId :

3091-4235

Tot Ion	99	Resp	794328
Ion	Ratio	Lower	Upper
99	100		
42	19.9	14.5	21.7
71	32.8	25.4	38.0

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#10

Phenol

Concen: 2.836 ng

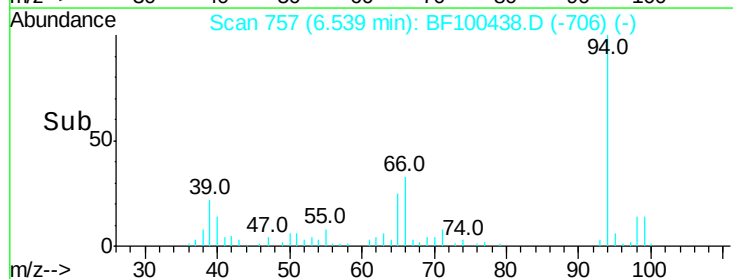
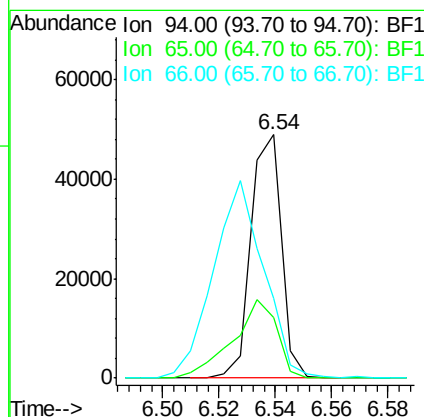
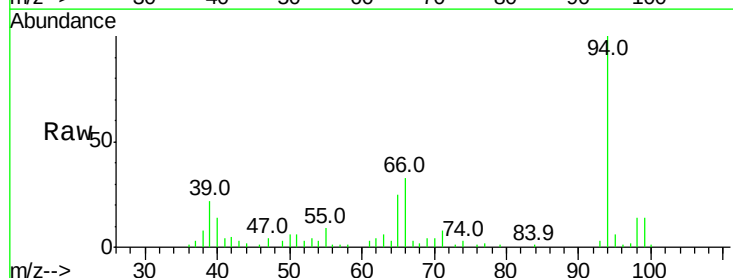
RT: 6.54 min Scan# 757

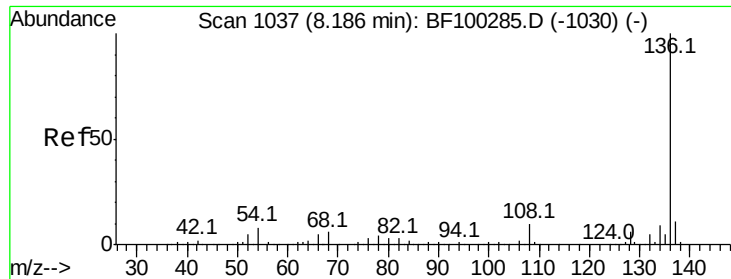
Delta R.T. -0.00 min

Lab File: BF100438.D

Acq: 11 Nov 2017 14:09

Tgt Ion	94	Resp	36701
Ion	Ratio	Lower	Upper
94	100		
65	24.8	7.9	47.9
66	33.0	16.2	56.2





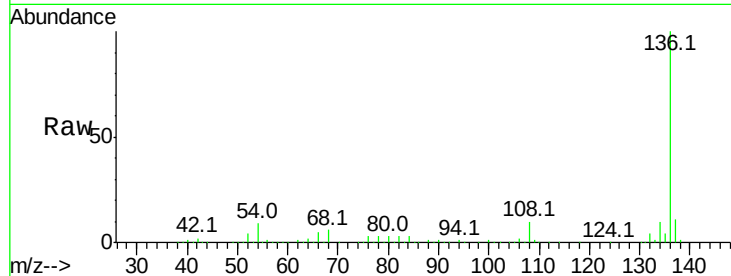
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF100438.D
Acq: 11 Nov 2017 14:09

Instrument :
BNA_F
ClientSampleId :
3091-4235

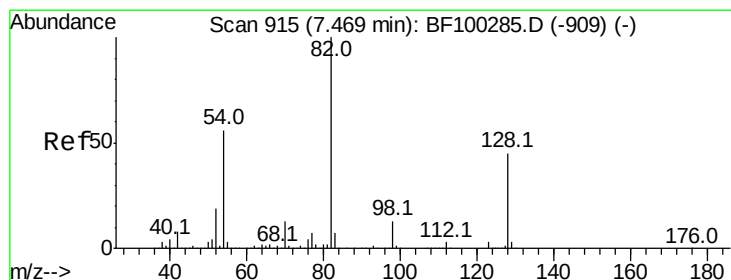
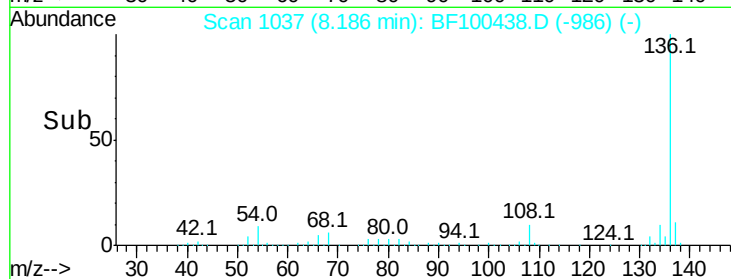
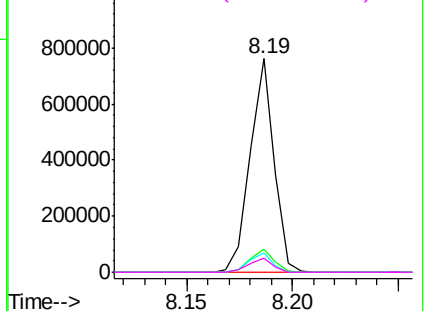
Tot Ion	Ratio	Resp	Lower	Upper
136	100	601357		
137	11.0		8.9	13.3
54	8.7		6.6	9.8
68	6.5		5.0	7.4

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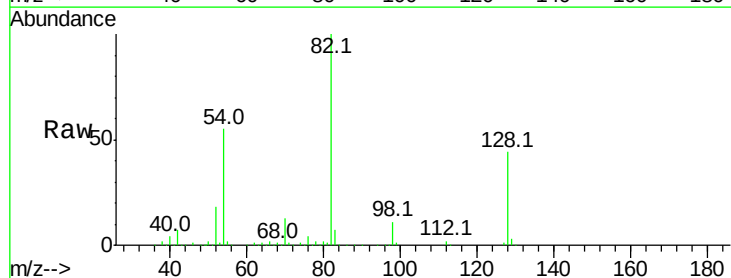


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

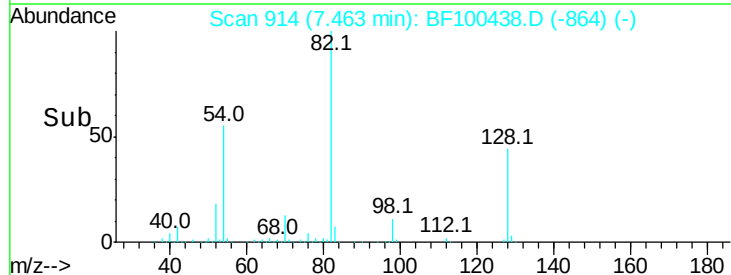
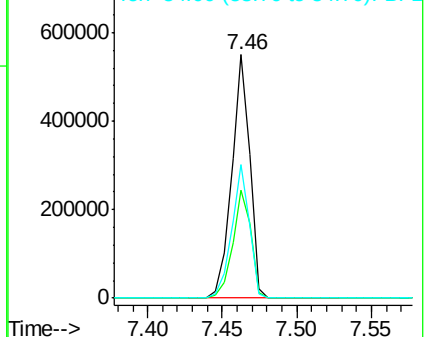


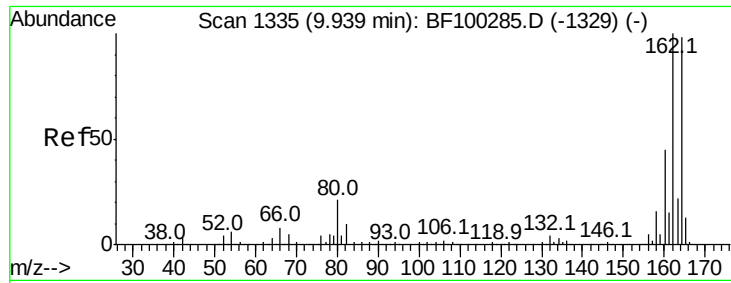
#23
Nitrobenzene-d5
Concen: 51.947 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF100438.D
Acq: 11 Nov 2017 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	472503		
128	44.1		36.1	54.1
54	55.0		41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





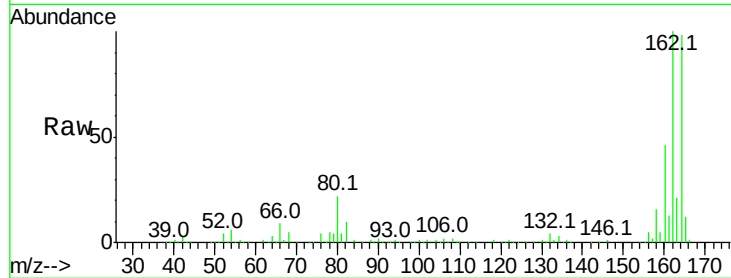
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF100438.D
Acq: 11 Nov 2017 14:09

Instrument :
BNA_F
ClientSampleId :
3091-4235

Tot Ion	Ratio	Resp	Lower	Upper
164	100	249584		
162	101.6	86.1	129.1	
160	46.4	38.3	57.5	

Manual Integrations
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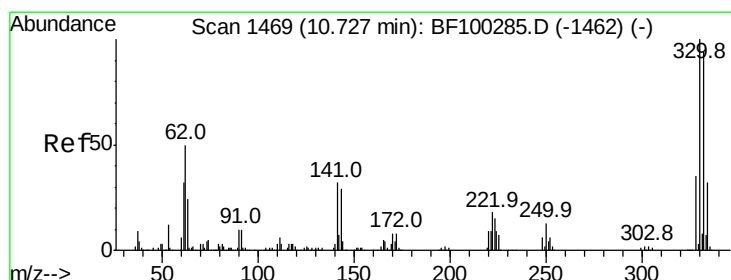
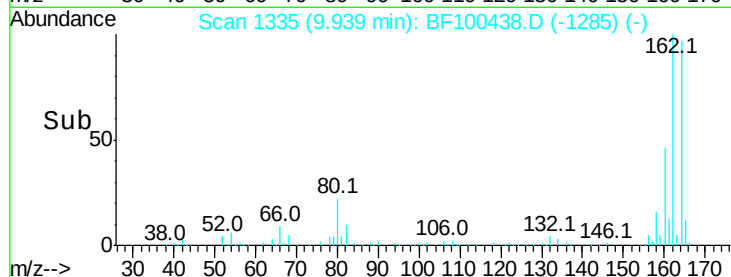
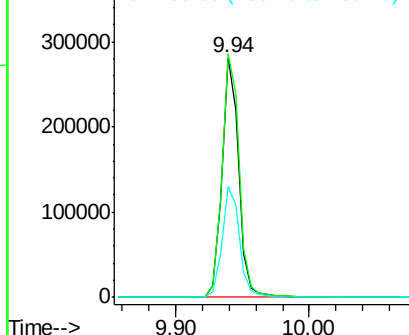


Abundance

Ion 164.00 (163.70 to 164.70): E

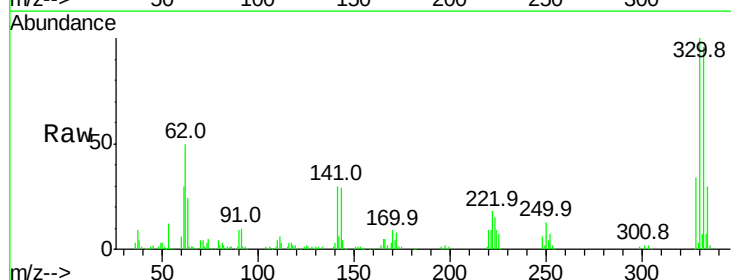
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41
2,4,6-Tribromophenol
Concen: 61.843 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BF100438.D
Acq: 11 Nov 2017 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	157284		
332	95.1	77.0	115.6	
141	30.7	29.9	44.9	

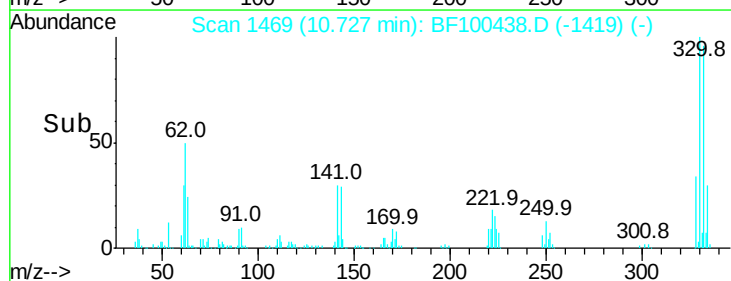
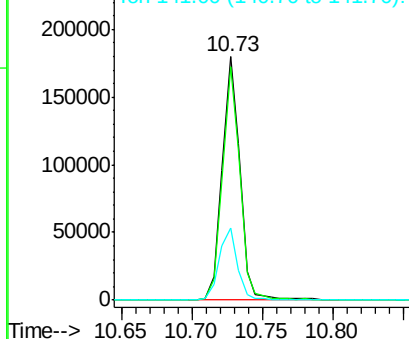


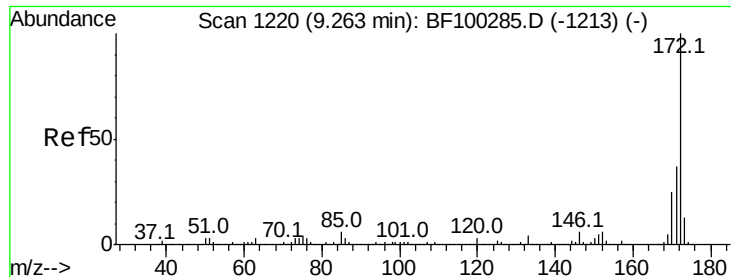
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





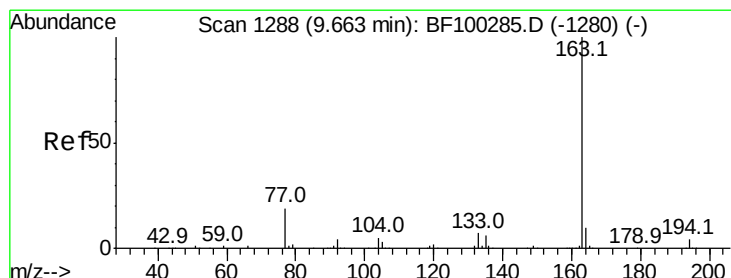
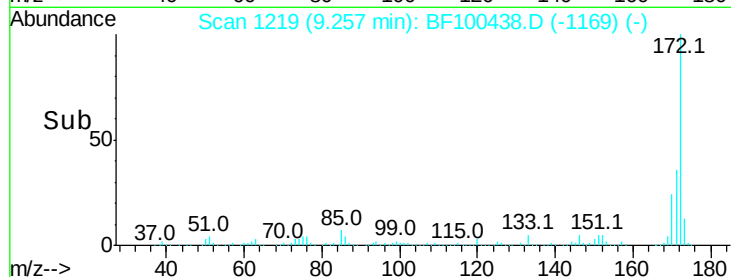
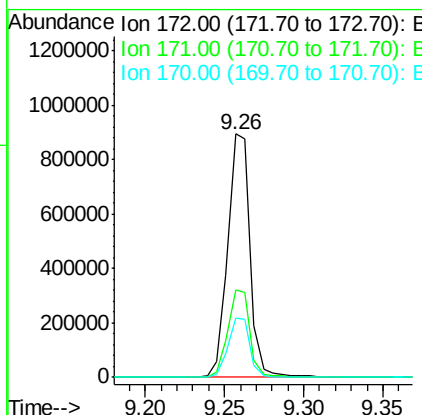
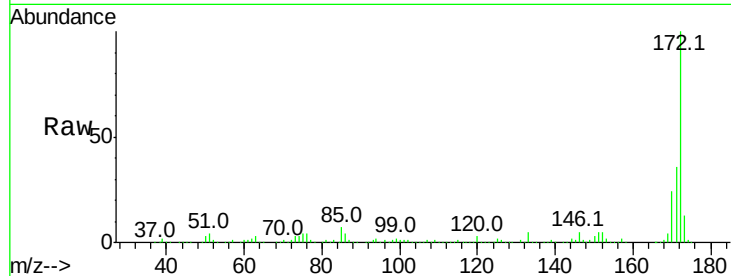
#44
2-Fluorobiphenyl
Concen: 53.392 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF100438.D
Acq: 11 Nov 2017 14:09

Instrument :
BNA_F
ClientSampleId :
3091-4235

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.9	29.7	44.5	
170	24.2	19.6	29.4	

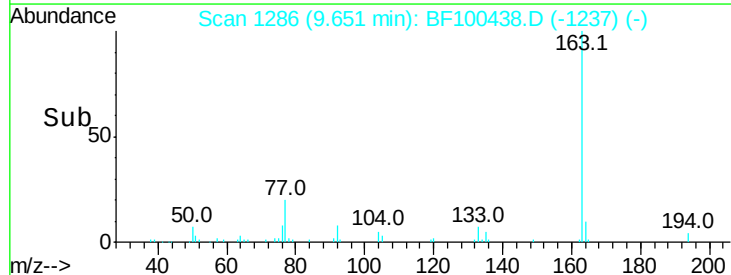
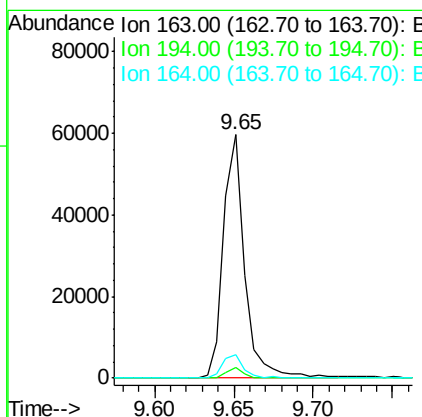
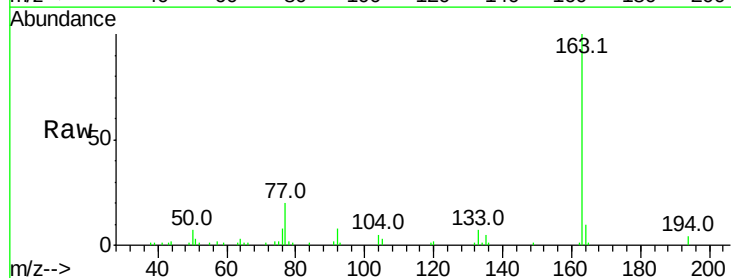
Manual Integrations
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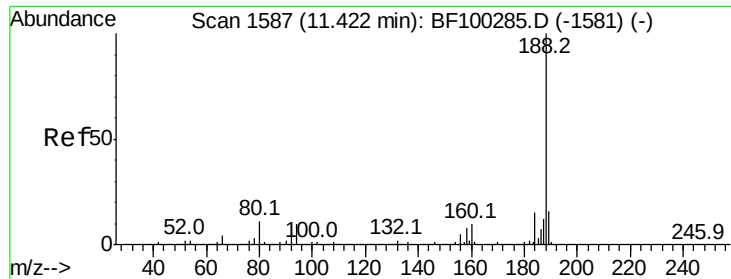
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#49
Dimethylphthalate
Concen: 2.908 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BF100438.D
Acq: 11 Nov 2017 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.2	2.7	4.1#	
164	9.7	8.2	12.2	





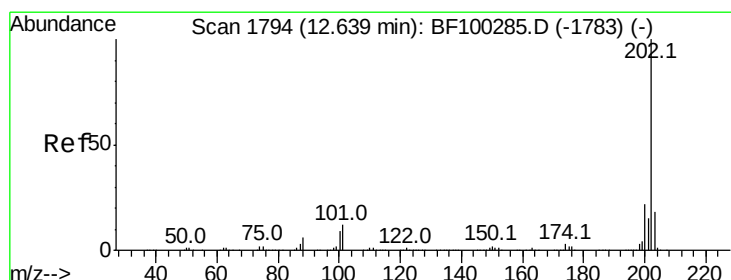
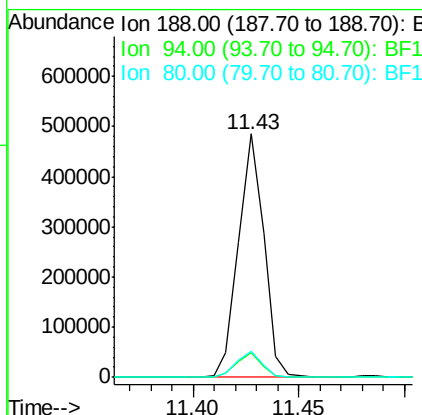
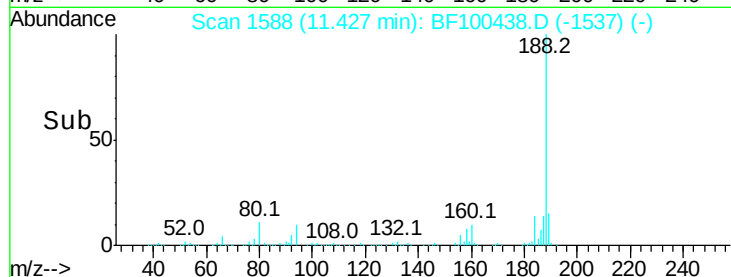
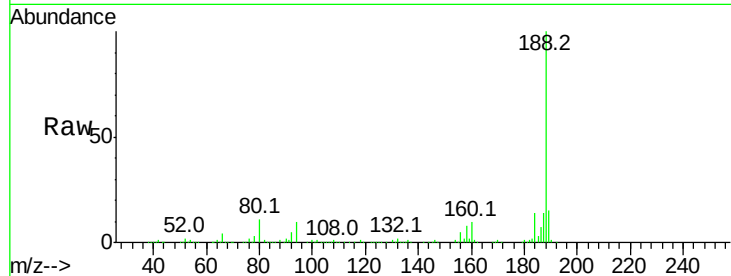
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BF100438.D
Acq: 11 Nov 2017 14:09

Instrument :
BNA_F
ClientSampleId :
3091-4235

Tot Ion	Ratio	Resp	Lower	Upper
188	100	403749		
94	10.0		8.5	12.7
80	10.9		9.2	13.8

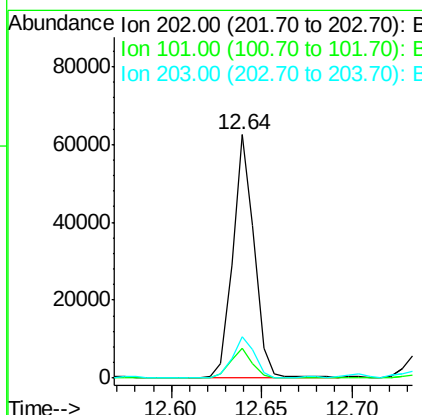
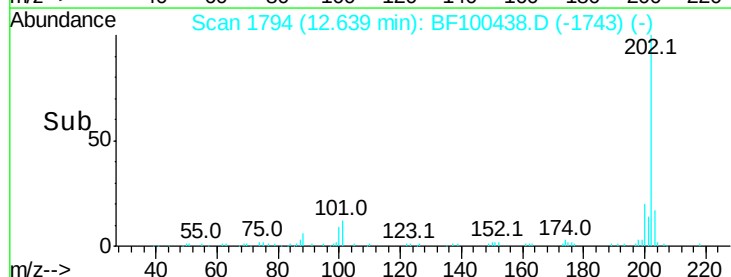
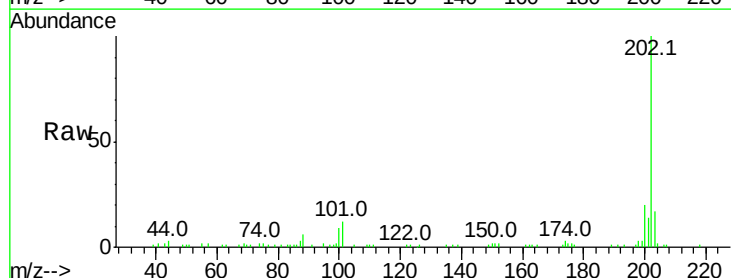
Manual Integrations
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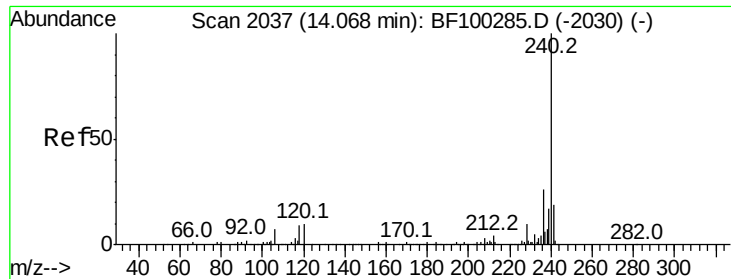
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11/13/2017 4:54:18 PM



#74
Fluoranthene
Concen: 2.278 ng
RT: 12.64 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BF100438.D
Acq: 11 Nov 2017 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	51325		
101	12.3		0.0	34.1
203	16.8		0.0	38.1





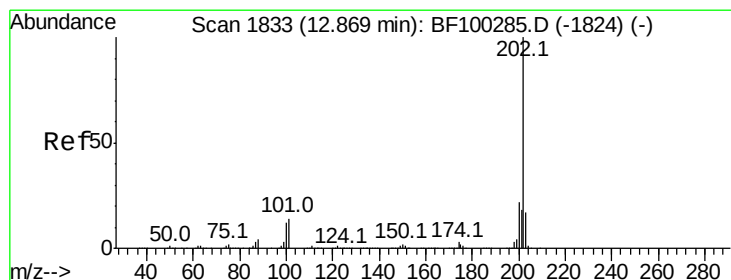
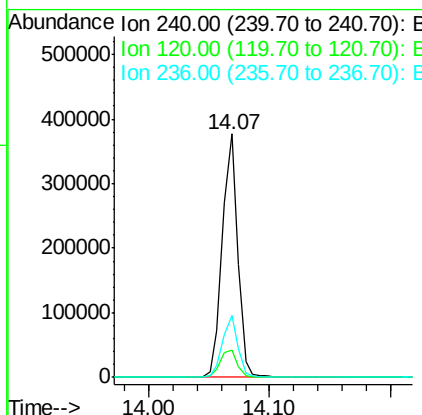
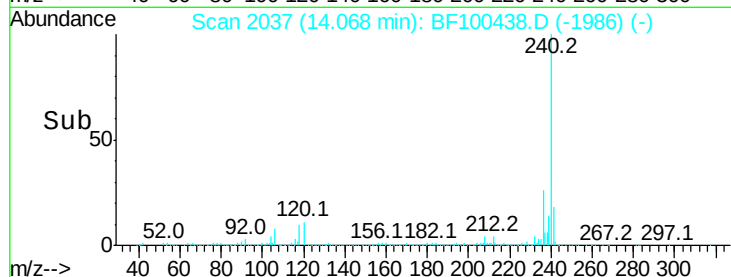
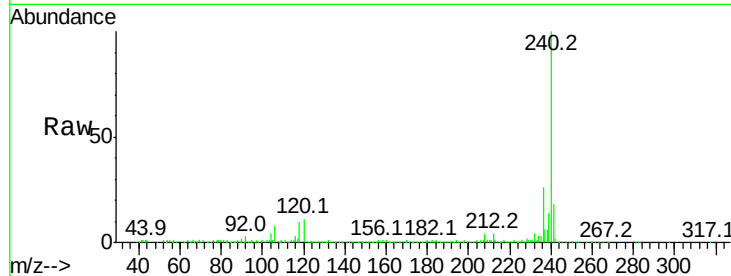
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BF100438.D
Acq: 11 Nov 2017 14:09

Instrument :
BNA_F
ClientSampleId :
3091-4235

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	11.4	9.5	14.3	
236	25.5	20.7	31.1	

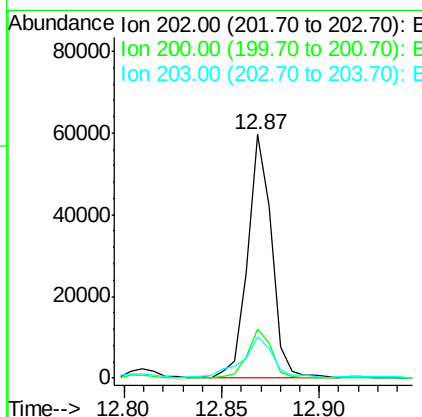
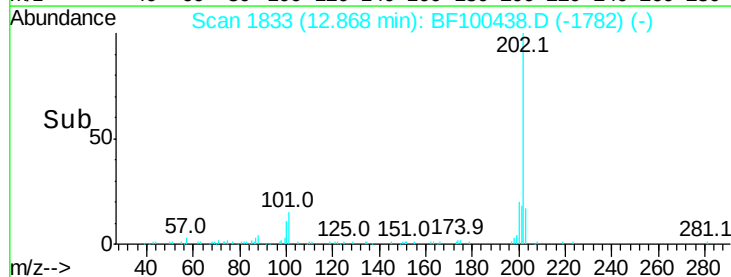
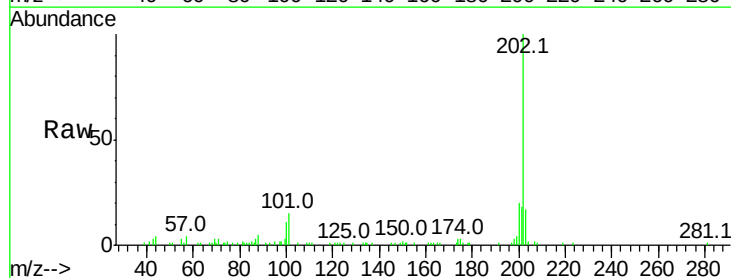
Manual Integrations
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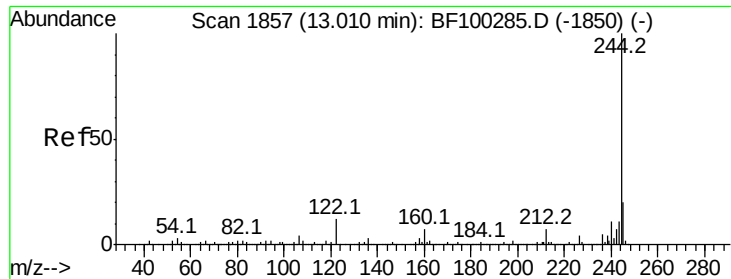
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#77
Pyrene
Concen: 2.139 ng
RT: 12.87 min Scan# 1833
Delta R.T. -0.00 min
Lab File: BF100438.D
Acq: 11 Nov 2017 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	20.3	17.4	26.2	
203	17.2	14.3	21.5	





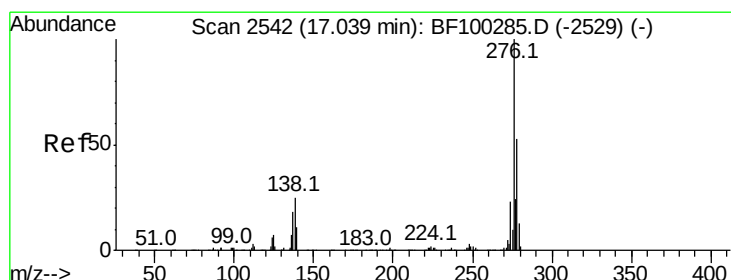
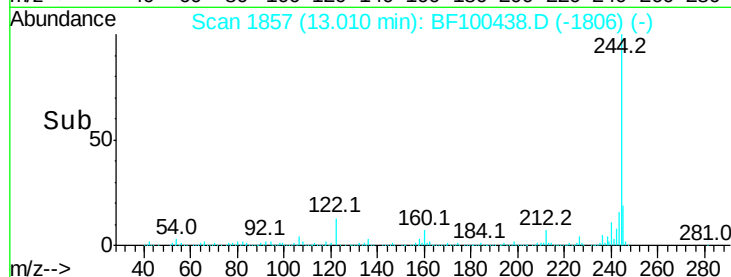
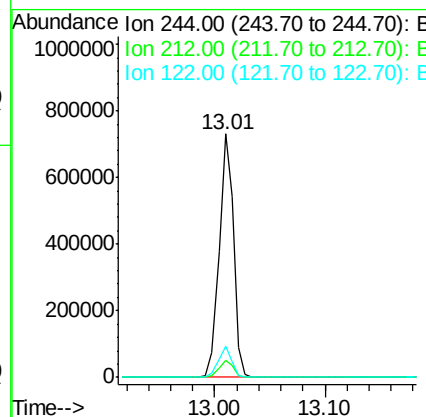
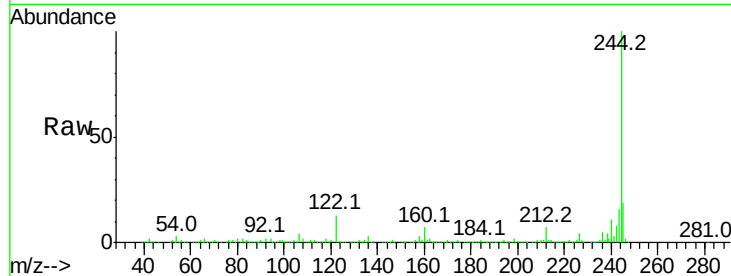
#78
 Terphenyl-d14
 Concen: 44.665 ng
 RT: 13.01 min Scan# 1857
 Delta R.T. -0.00 min
 Lab File: BF100438.D
 Acq: 11 Nov 2017 14:09

Instrument :
 BNA_F
 ClientSampleId :
 3091-4235

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	12.5	11.0	16.4

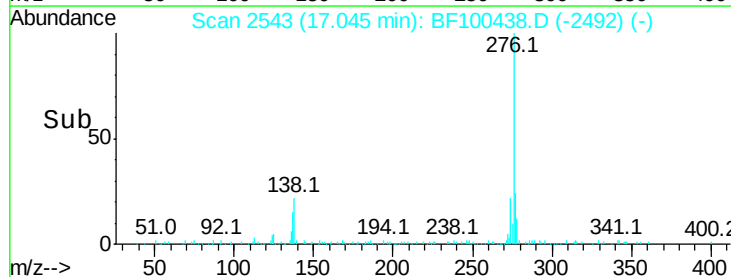
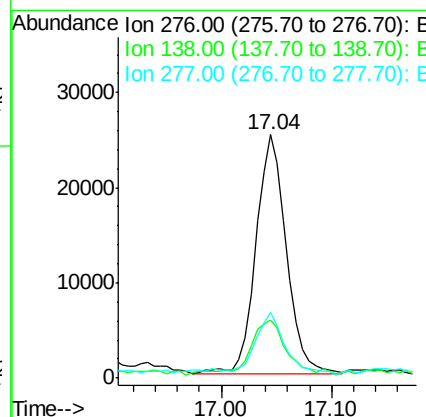
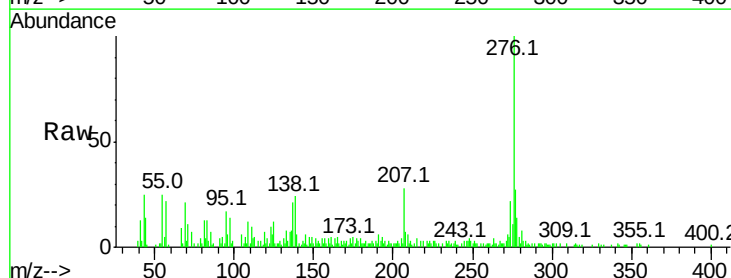
Manual Integrations
 APPROVED

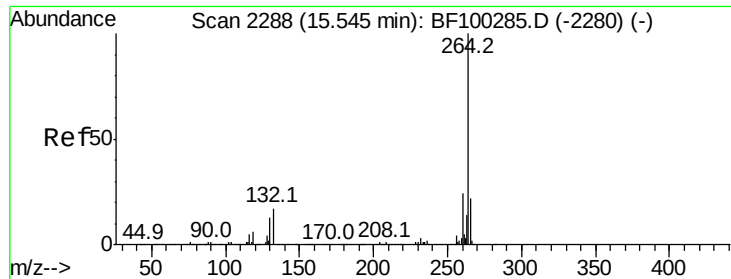
SOHIL
 11/13/2017 4:54:18 PM



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.050 ng
 RT: 17.04 min Scan# 2543
 Delta R.T. -0.00 min
 Lab File: BF100438.D
 Acq: 11 Nov 2017 14:09

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.4	25.0	37.6
277	26.0	20.1	30.1





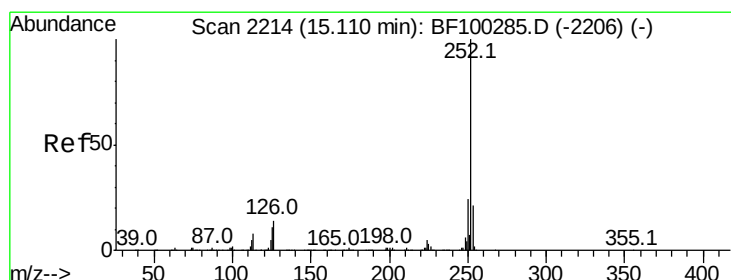
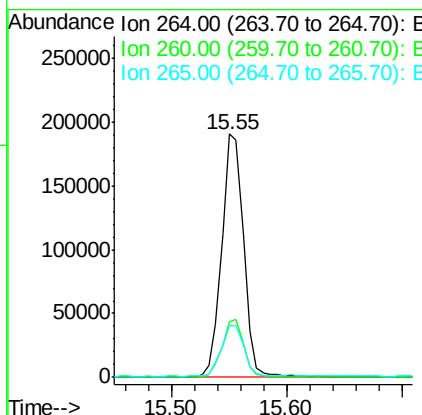
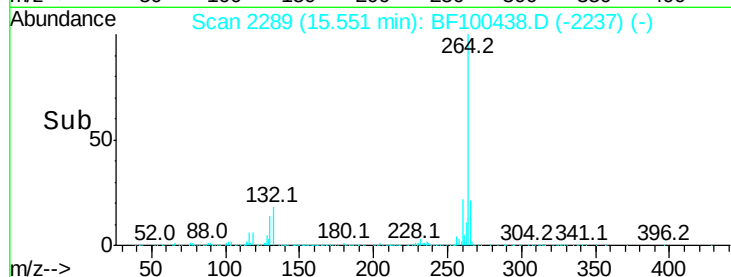
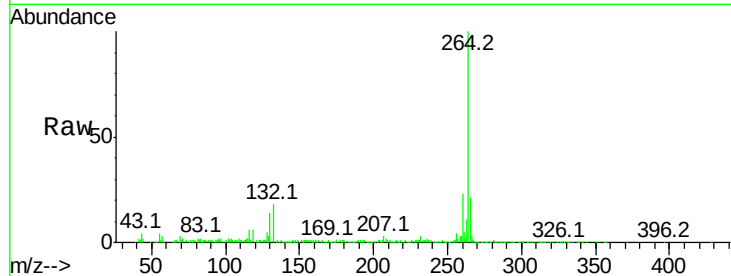
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. 0.01 min
Lab File: BF100438.D
Acq: 11 Nov 2017 14:09

Instrument :
BNA_F
ClientSampleId :
3091-4235

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	21.4	17.5	26.3

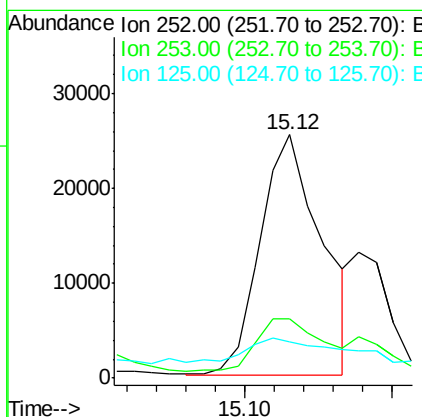
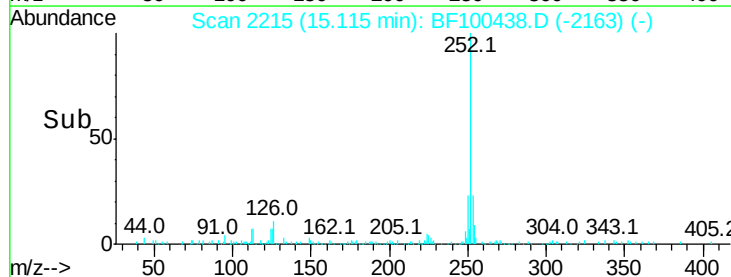
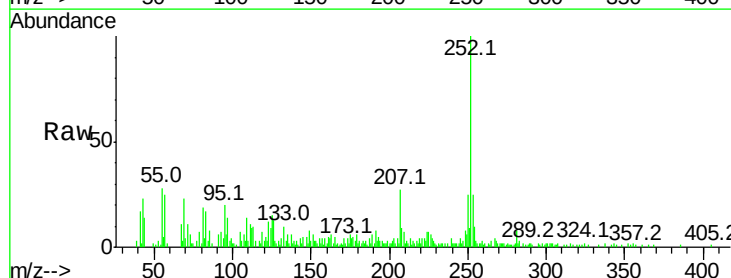
Manual Integrations
APPROVED

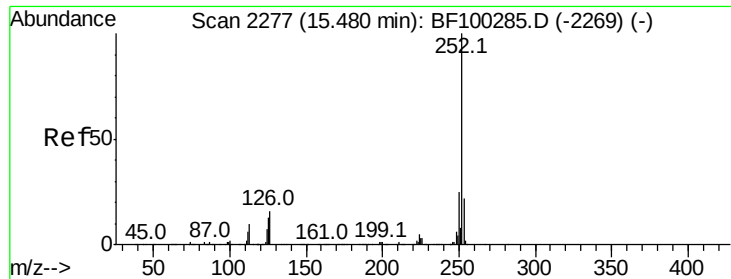
SOHIL
11/13/2017 4:54:18 PM



#87
Benzo(b)fluoranthene
Concen: 2.501 ng m
RT: 15.12 min Scan# 2215
Delta R.T. 0.01 min
Lab File: BF100438.D
Acq: 11 Nov 2017 14:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.0	25.6
125	14.7	9.0	13.6





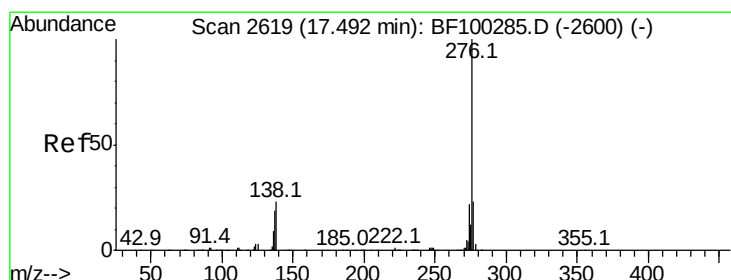
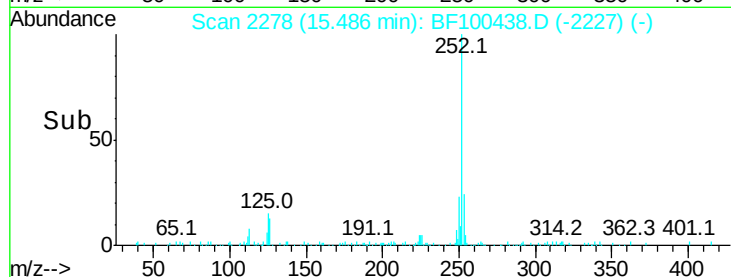
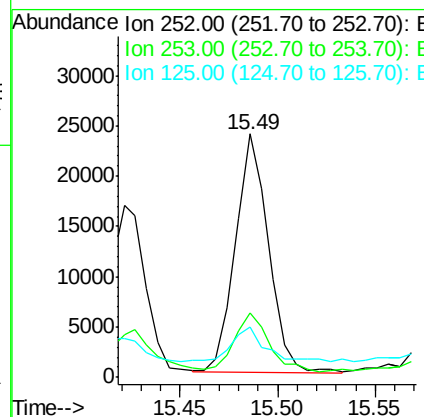
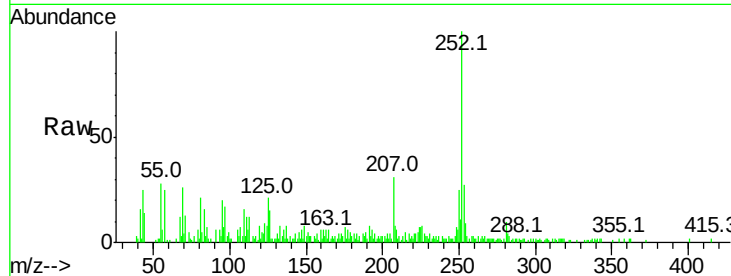
#89
Benzo(a)pyrene
Concen: 2.123 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.00 min
Lab File: BF100438.D
Acq: 11 Nov 2017 14:09

Instrument :
BNA_F
ClientSampleId :
3091-4235

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.6	17.1	25.7#
125	20.8	9.8	14.6#

Manual Integrations
APPROVED

SOHIL
11/13/2017 4:54:18 PM



#91
Benzo(g,h,i)perylene
Concen: 9.580 ng
RT: 17.50 min Scan# 2621
Delta R.T. 0.01 min
Lab File: BF100438.D
Acq: 11 Nov 2017 14:09

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	17.9	26.9
138	23.8	21.8	32.8

