

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103116\
 Data File : BF090941.D
 Acq On : 31 Oct 2016 21:11
 Operator : UM/SJ
 Sample : H5463-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3(0-2)

Manual Integrations
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Quant Time: Nov 01 13:58:24 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 01 11:53:50 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	135333	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	596889	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	286406	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	499197	20.00	ng	0.00
75) Chrysene-d12	13.89	240	295835	20.00	ng	-0.01
86) Perylene-d12	15.30	264	299552	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	534127	69.01	ng	0.00
7) Phenol-d6	6.38	99	777587	74.46	ng	-0.01
23) Nitrobenzene-d5	7.31	82	581020	63.72	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	144493	49.09	ng	-0.01
44) 2-Fluorobiphenyl	9.12	172	941761	57.74	ng	0.00
78) Terphenyl-d14	12.85	244	967230	82.37	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.50	163	193296	10.10	ng	# 97
77) Pyrene	12.70	202	42662	2.28	ng	96
91) Benzo(g,h,i)perylene	17.03	276	45989	3.33	ng	# 85

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

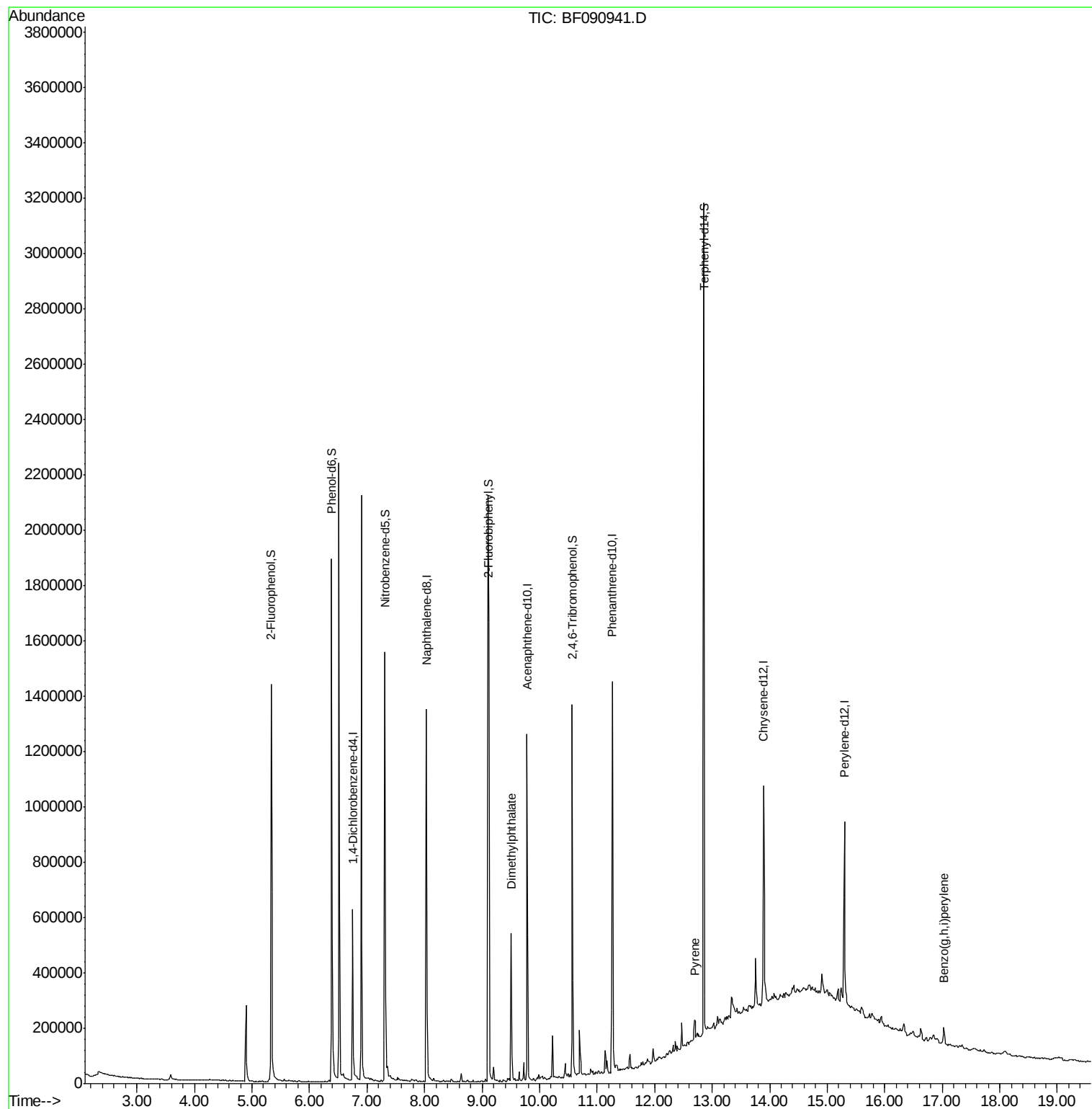
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103116\
Data File : BF090941.D
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Manual Integrations
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#1

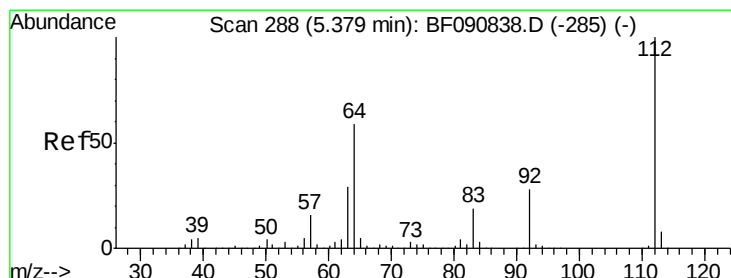
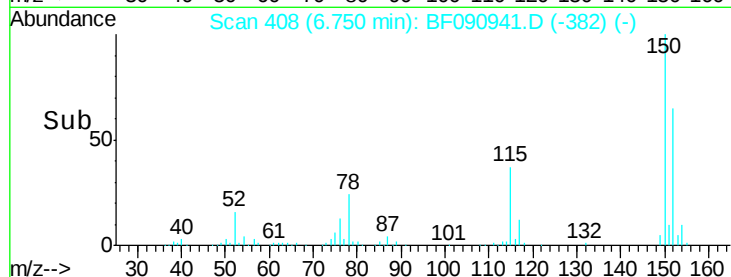
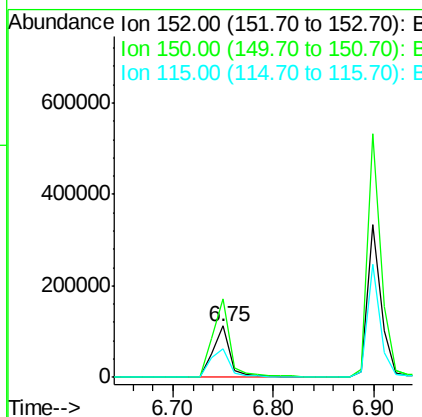
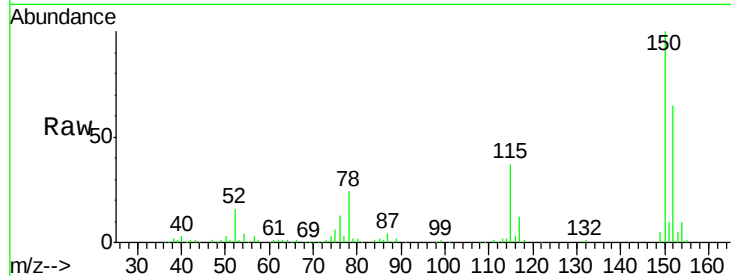
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 408
Delta R.T. -0.00 min
Lab File: BF090941.D
Acq: 31 Oct 2016 21:11

Instrument :
BNA_F
ClientSampleId :
SB-3(0-2)

Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.8	124.7	187.1
115	56.7	39.0	58.4

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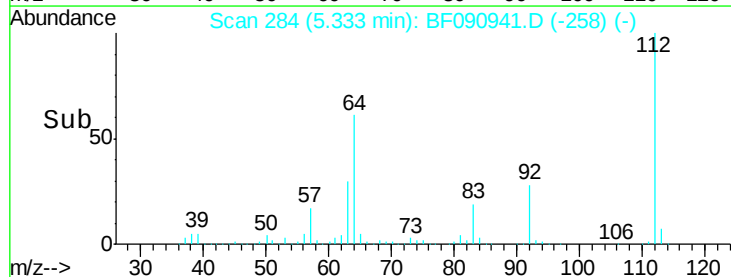
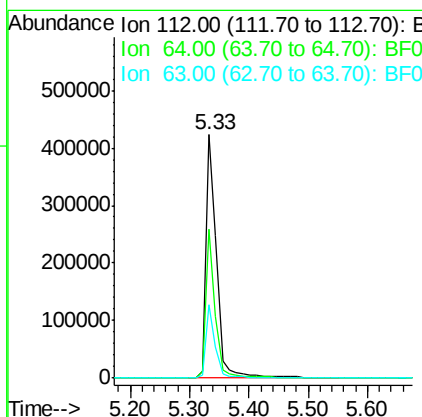
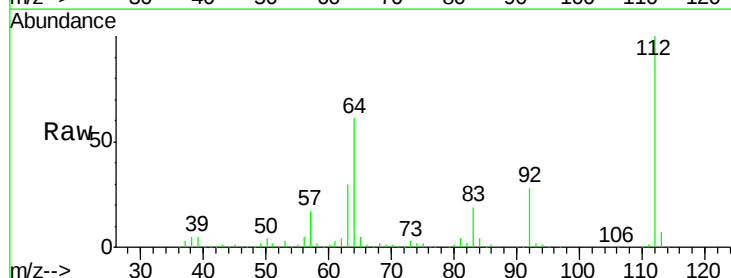
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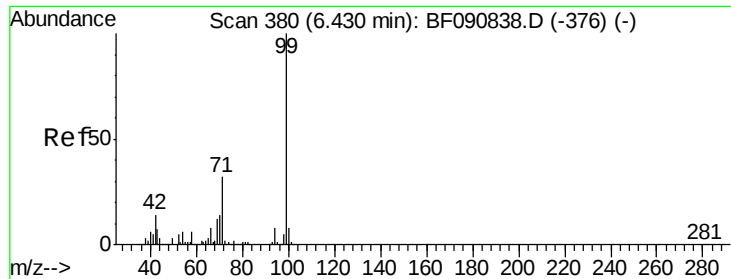


#5

2-Fluorophenol
Concen: 69.01 ng
RT: 5.33 min Scan# 284
Delta R.T. -0.00 min
Lab File: BF090941.D
Acq: 31 Oct 2016 21:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.1	39.7	59.5#
63	30.4	17.4	26.0#





#7

Phenol-d6

Concen: 74.46 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF090941.D

Acq: 31 Oct 2016 21:11

Instrument :

BNA_F

ClientSampleId :

SB-3(0-2)

Tgt Ion: 99 Resp: 777587

Ion Ratio Lower Upper

99 100

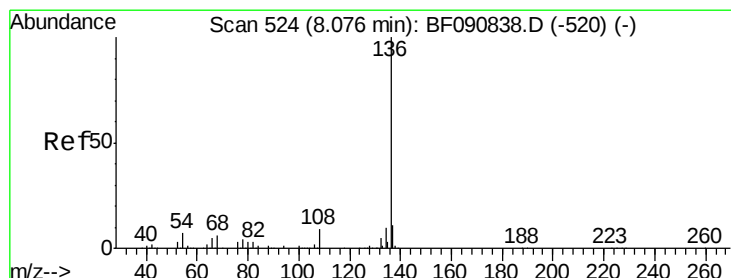
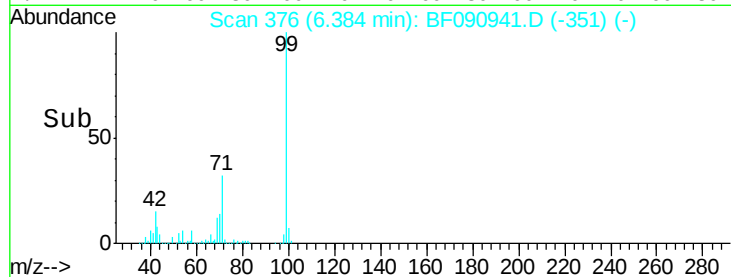
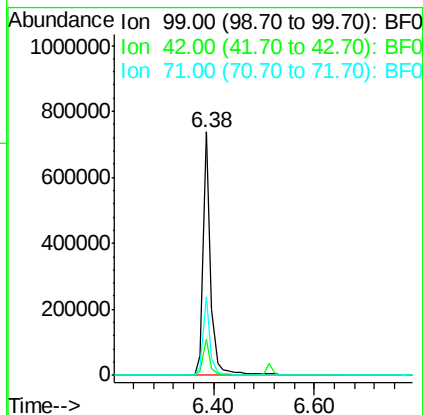
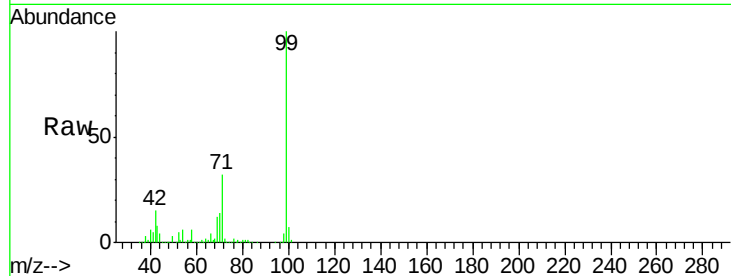
42 14.8 13.7 20.5

71 32.0 14.2 21.2#

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF090941.D

Acq: 31 Oct 2016 21:11

Tgt Ion: 136 Resp: 596889

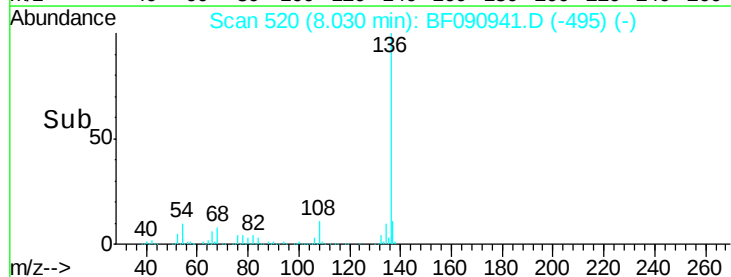
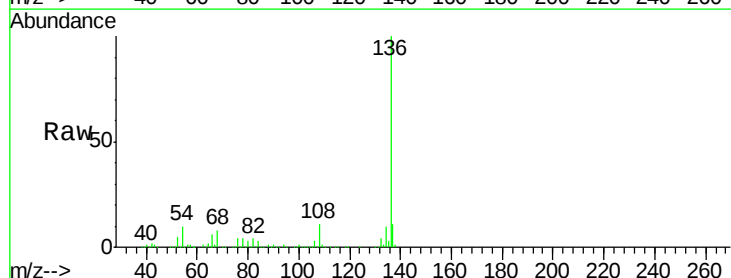
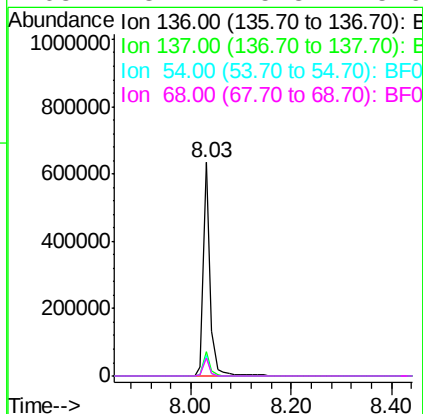
Ion Ratio Lower Upper

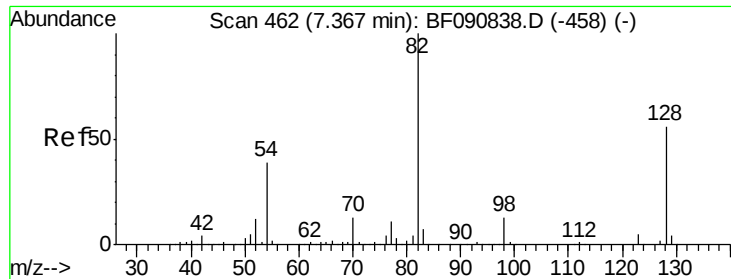
136 100

137 11.2 9.0 13.6

54 9.6 8.2 12.2

68 8.2 5.8 8.6





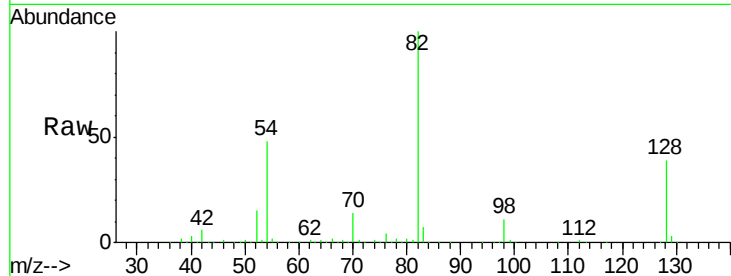
#23
 Nitrobenzene-d5
 Concen: 63.72 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.01 min
 Lab File: BF090941.D
 Acq: 31 Oct 2016 21:11

Instrument :
 BNA_F
 ClientSampleId :
 SB-3(0-2)

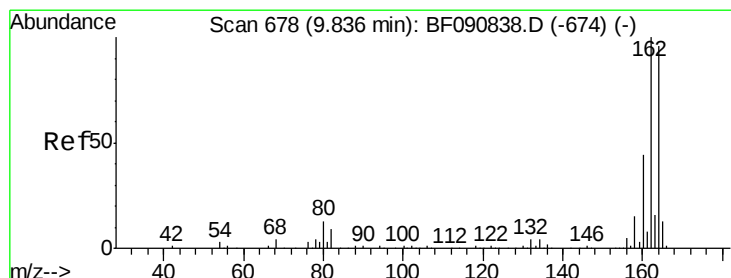
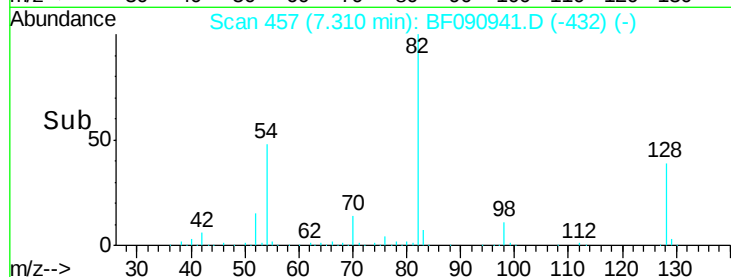
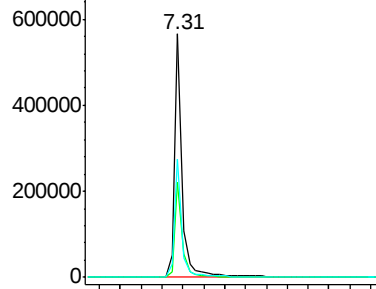
Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.1	51.0	76.6#
54	48.4	47.5	71.3

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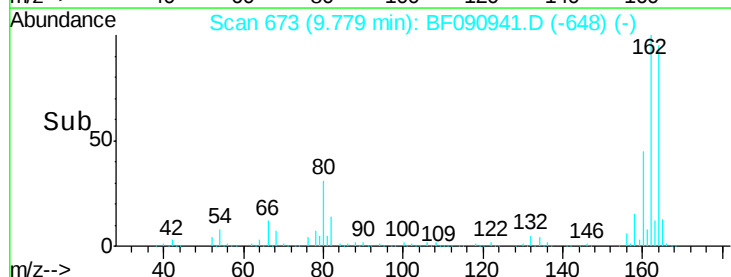
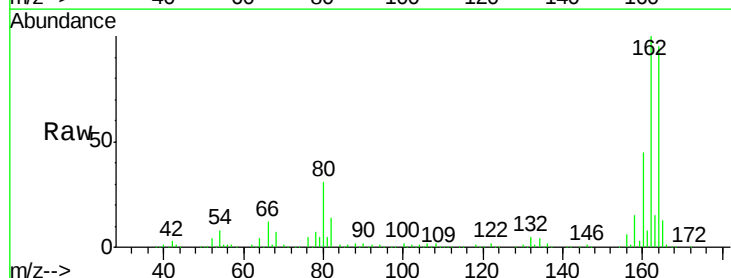
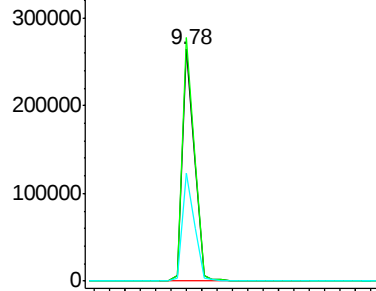
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.01 min
 Lab File: BF090941.D
 Acq: 31 Oct 2016 21:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.0	75.2	112.8
160	46.7	31.5	47.3

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





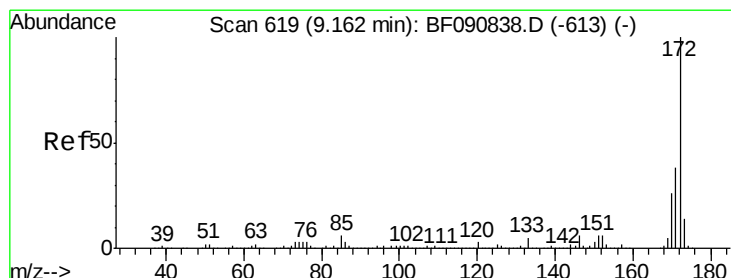
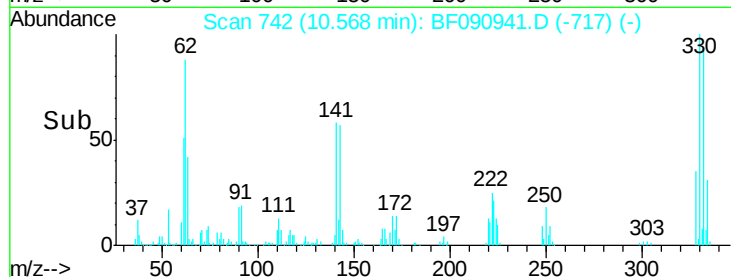
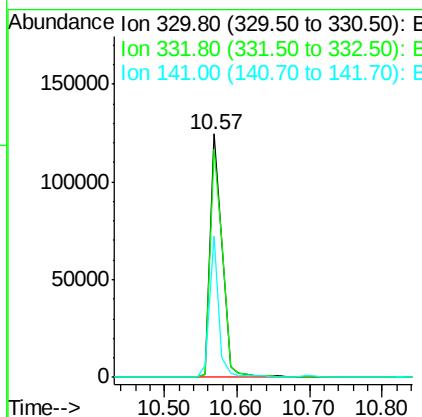
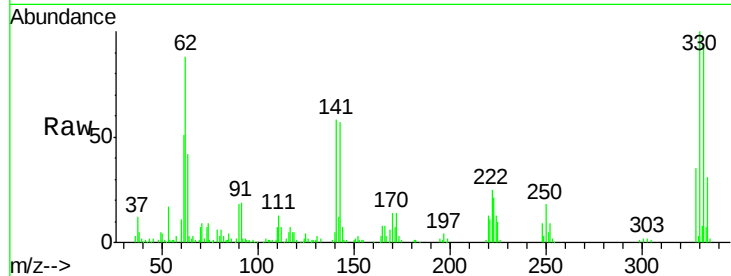
#41
 2,4,6-Tribromophenol
 Concen: 49.09 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BF090941.D
 Acq: 31 Oct 2016 21:11

Instrument :
 BNA_F
 ClientSampleId :
 SB-3(0-2)

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	144493		
332	96.4	76.6	114.8	
141	45.4	29.7	44.5#	

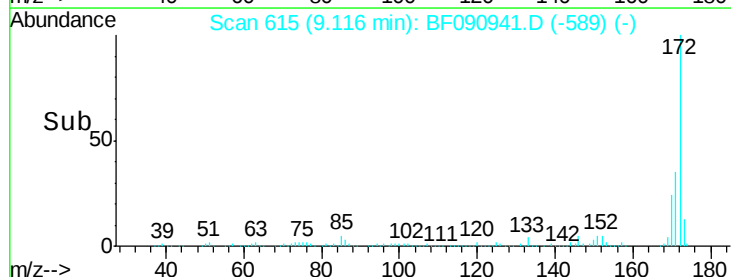
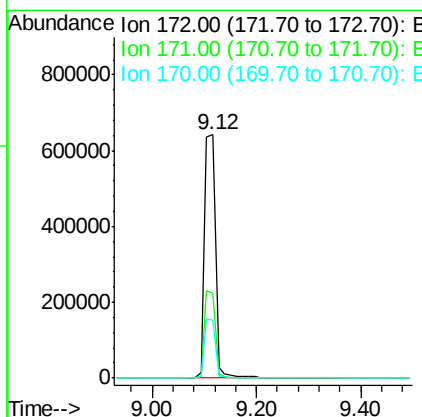
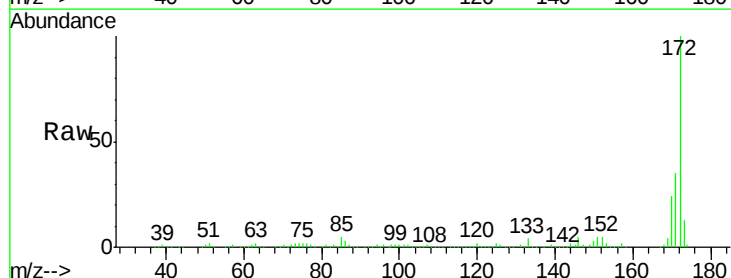
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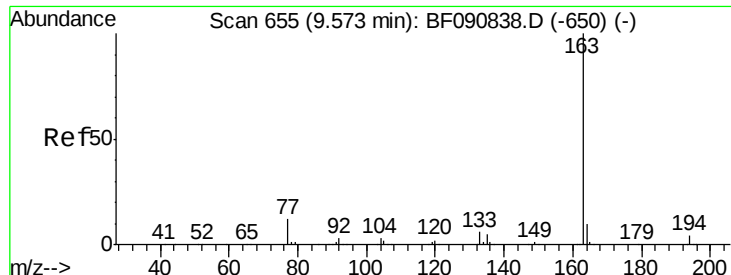
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#44
 2-Fluorobiphenyl
 Concen: 57.74 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF090941.D
 Acq: 31 Oct 2016 21:11

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	941761		
171	35.1	26.1	39.1	
170	23.9	17.4	26.2	





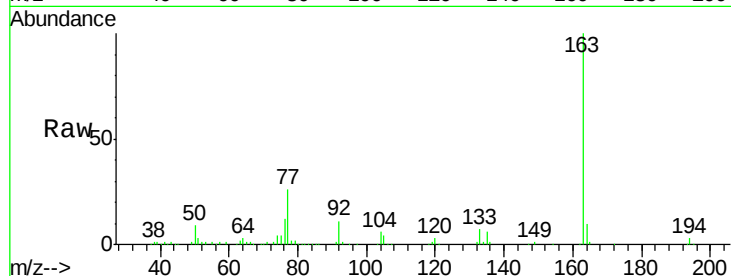
#49
Dimethylphthalate
Concen: 10.10 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF090941.D
Acq: 31 Oct 2016 21:11

Instrument :
BNA_F
ClientSampleId :
SB-3(0-2)

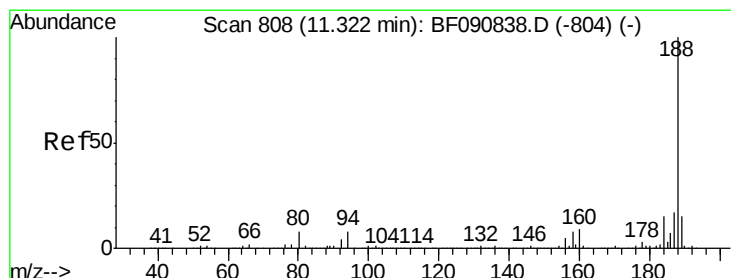
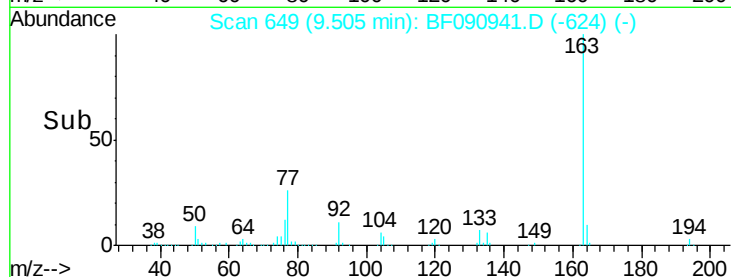
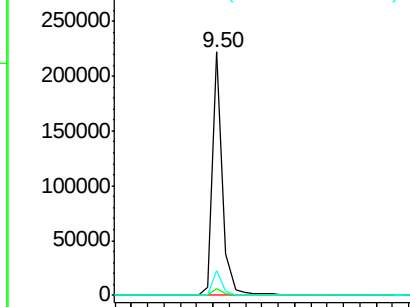
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	2.8	4.4	6.6#
164	10.2	8.3	12.5

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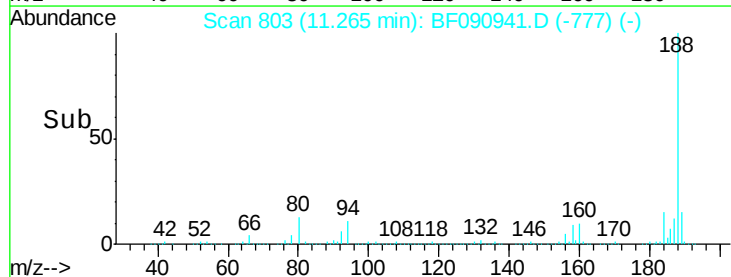
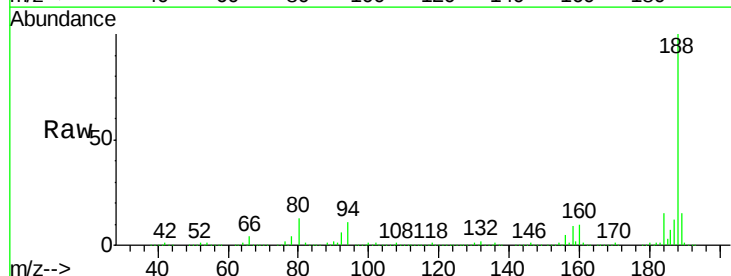
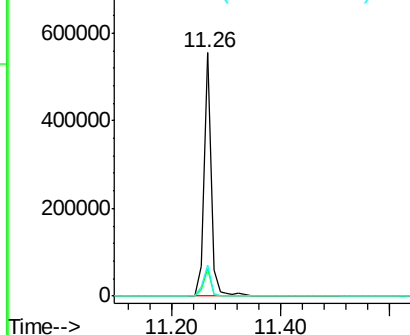
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

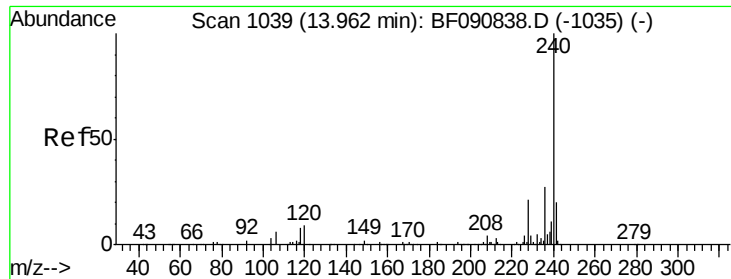


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF090941.D
Acq: 31 Oct 2016 21:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	11.2	11.1	16.7
80	12.6	11.0	16.4

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF090941.D

Acq: 31 Oct 2016 21:11

Instrument :

BNA_F

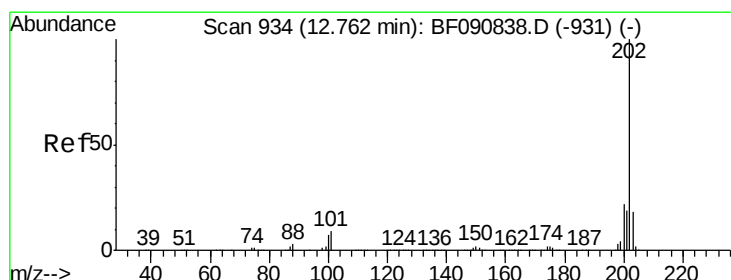
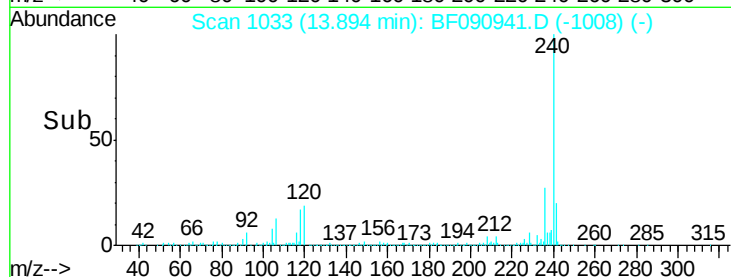
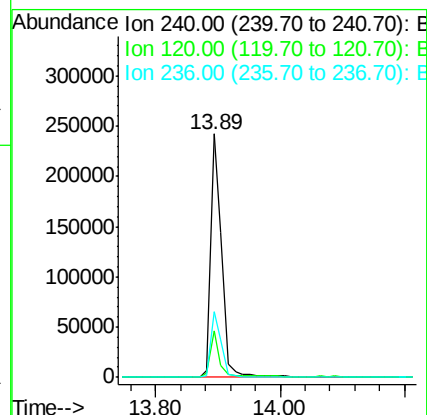
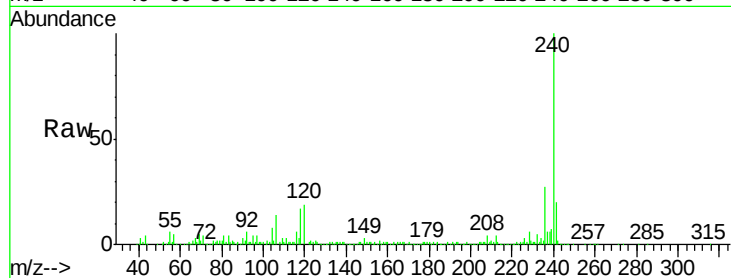
ClientSampleId :

SB-3(0-2)

Tgt	Ion	240	Resp:	295835
Ion	Ratio	100	Lower	Upper
240	100			
120	19.1	16.2	24.2	
236	26.7	18.4	27.6	

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#77

Pyrene

Concen: 2.28 ng

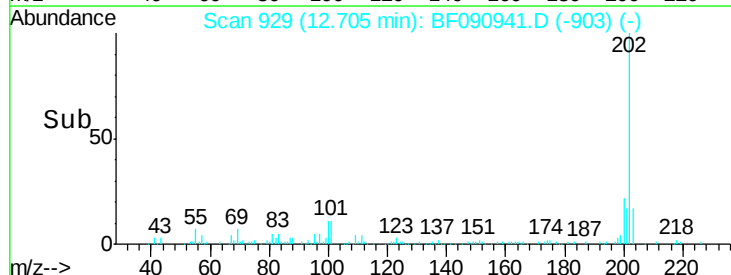
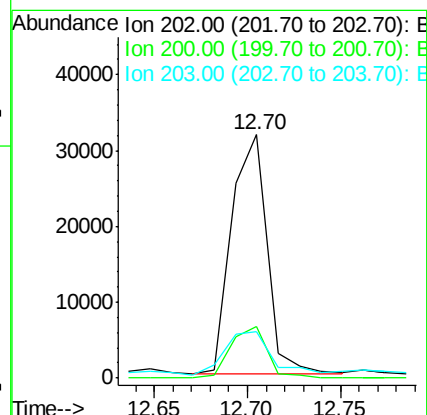
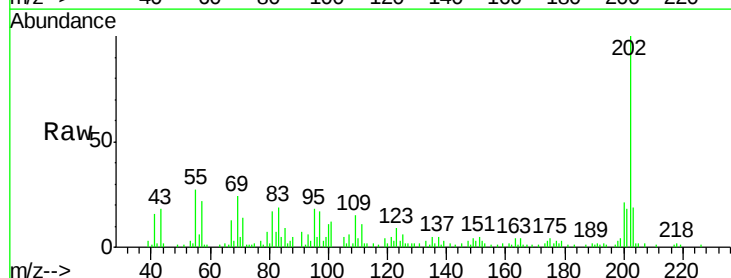
RT: 12.70 min Scan# 929

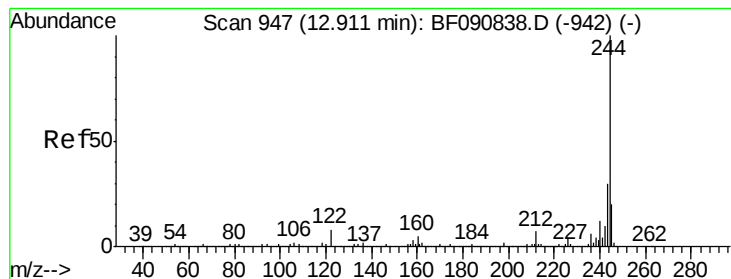
Delta R.T. -0.00 min

Lab File: BF090941.D

Acq: 31 Oct 2016 21:11

Tgt	Ion	202	Resp:	42662
Ion	Ratio	100	Lower	Upper
202	100			
200	21.2	15.0	22.4	
203	19.0	14.1	21.1	





#78

Terphenyl-d14

Concen: 82.37 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF090941.D

Acq: 31 Oct 2016 21:11

Instrument :

BNA_F

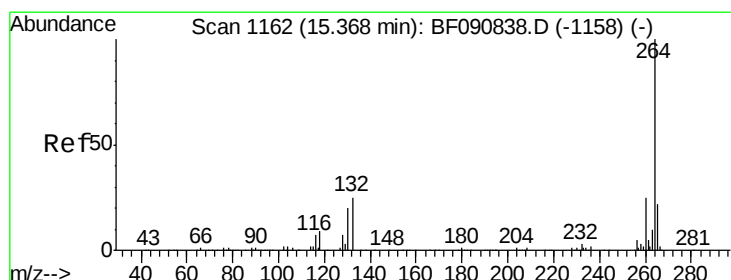
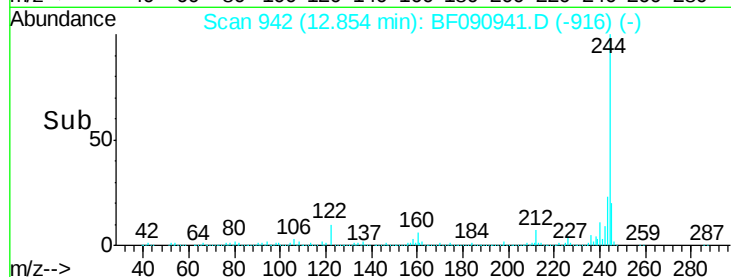
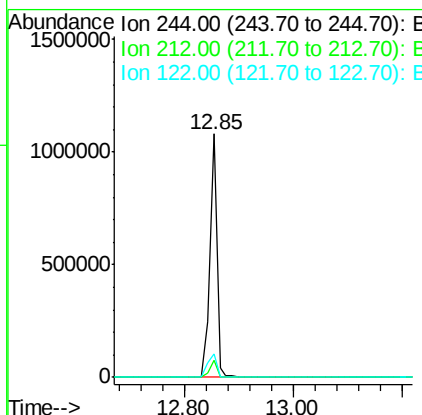
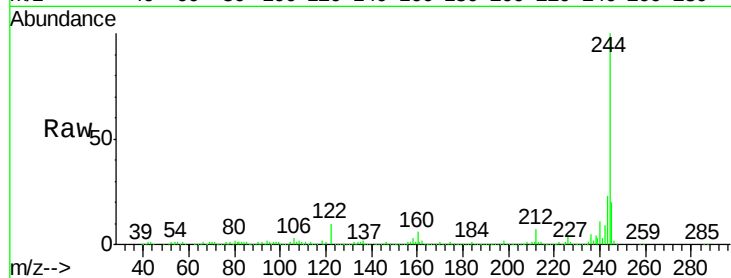
ClientSampled :

SB-3(0-2)

Tgt Ion:	244	Resp:	967230
Ion Ratio	Lower	Upper	
244	100		
212	6.9	4.3	6.5#
122	9.8	17.4	26.2#

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#86

Perylene-d12

Concen: 20.00 ng

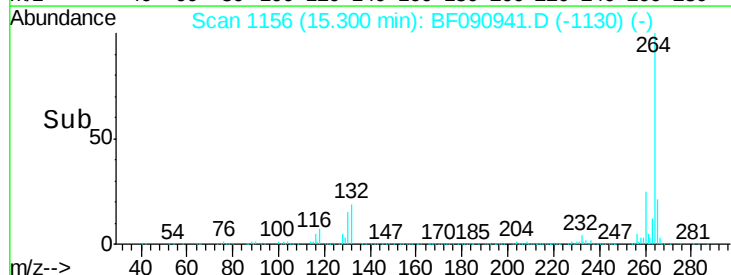
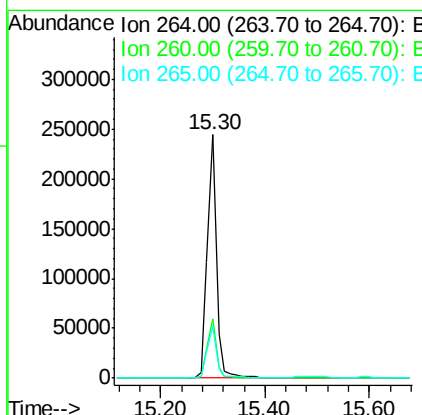
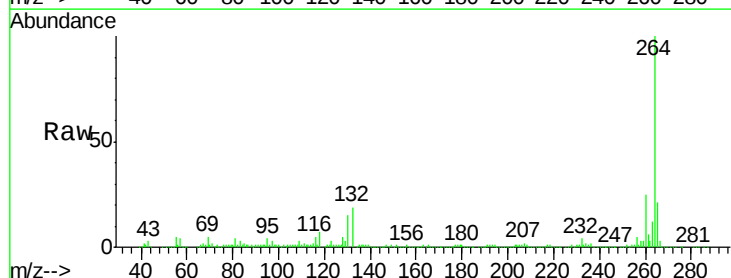
RT: 15.30 min Scan# 1156

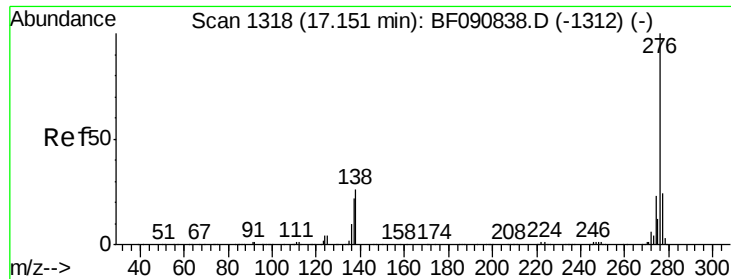
Delta R.T. -0.00 min

Lab File: BF090941.D

Acq: 31 Oct 2016 21:11

Tgt Ion:	264	Resp:	299552
Ion Ratio	Lower	Upper	
264	100		
260	24.5	16.7	25.1
265	21.4	17.2	25.8





#91
Benzo(g,h,i)perylene
Concen: 3.33 ng
RT: 17.03 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF090941.D
Acq: 31 Oct 2016 21:11

Instrument :
BNA_F
ClientSampleId :
SB-3(0-2)

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
277	24.1	17.8	26.6
138	29.9	34.6	51.8

Manual Integrations
APPROVED

sohil
11/1/2016 5:20:00 PM

