

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
 Data File : BF098122.D
 Acq On : 29 Aug 2017 20:33
 Operator : SJ/JU
 Sample : I4993-01 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-082517

Manual Integrations
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 8/30/2017 6:45:02 PM

Quant Time: Aug 30 05:36:04 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	131807	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	516724	20.00	ng	-0.02
38) Acenaphthene-d10	9.77	164	217396	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	342589	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	264199	20.00	ng	-0.01
86) Perylene-d12	15.30	264	230535	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	108423	12.51	ng	-0.02
7) Phenol-d6	6.36	99	160752	13.65	ng	-0.03
23) Nitrobenzene-d5	7.29	82	100960	10.61	ng	-0.03
41) 2,4,6-Tribromophenol	10.56	330	21287	11.29	ng	-0.02
44) 2-Fluorobiphenyl	9.09	172	178076	12.03	ng	-0.02
78) Terphenyl-d14	12.83	244	107287	8.47	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.49	163	32151	2.023	ng	99
74) Fluoranthene	12.46	202	42475	2.229	ng	99
77) Pyrene	12.69	202	43598	2.018	ng	98
87) Benzo(b)fluoranthene	14.90	252	33618m	2.313	ng	

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

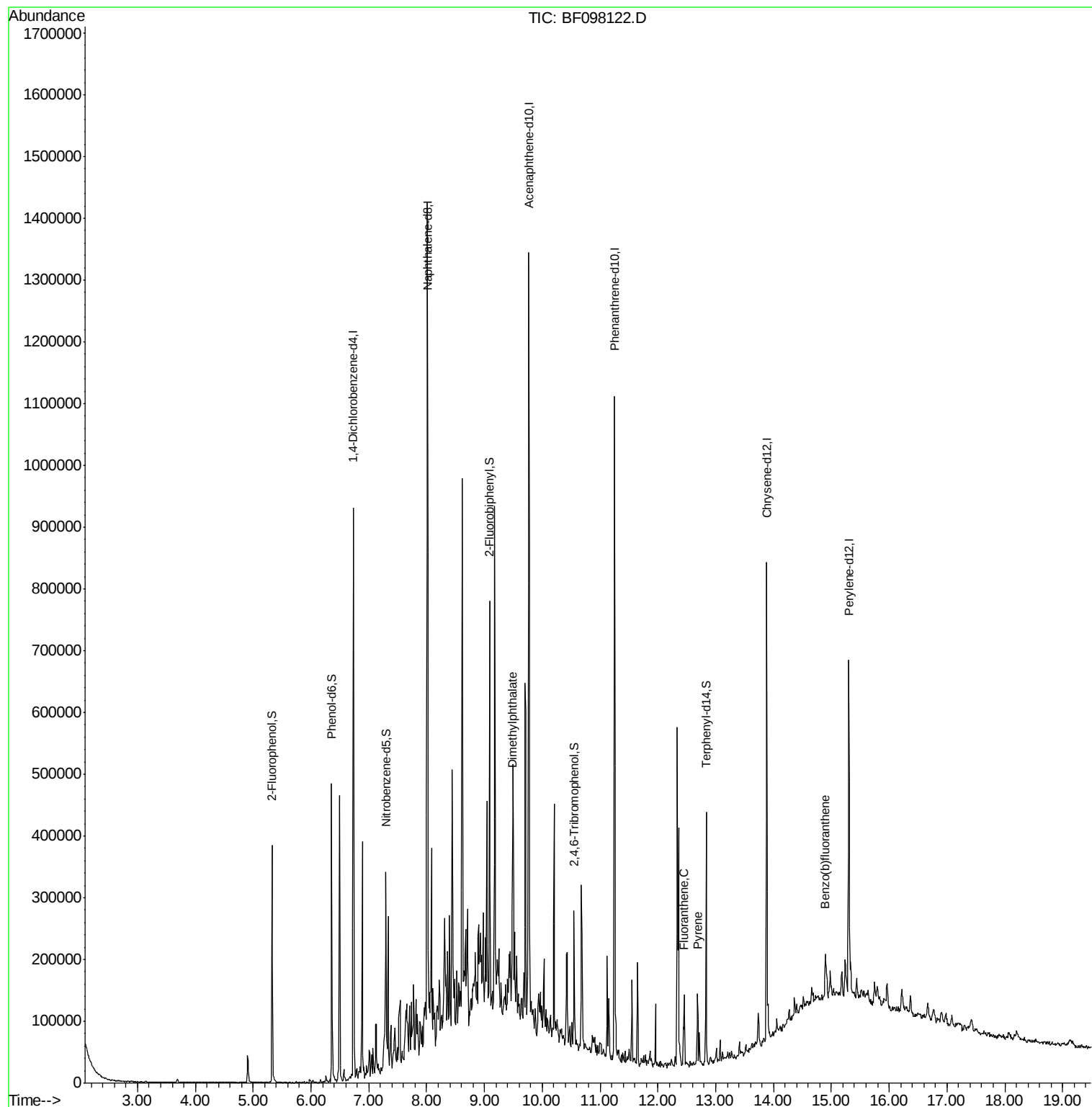
Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
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ALS Vial : 16 Sample Multiplier: 1

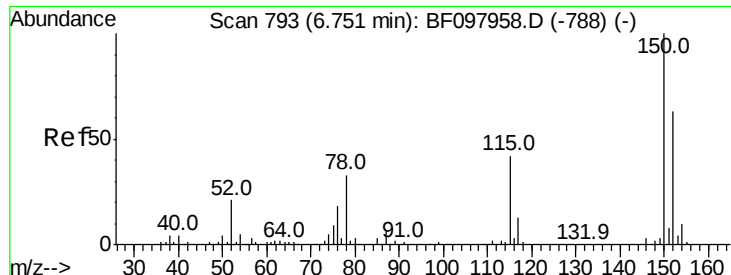
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#1

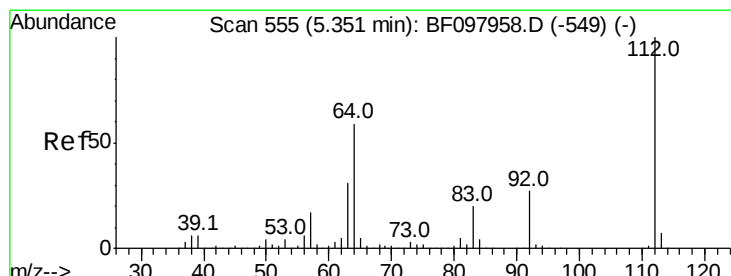
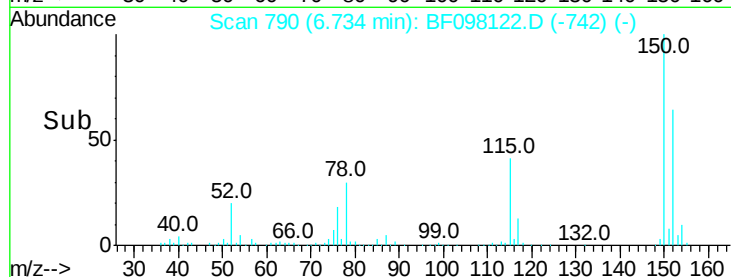
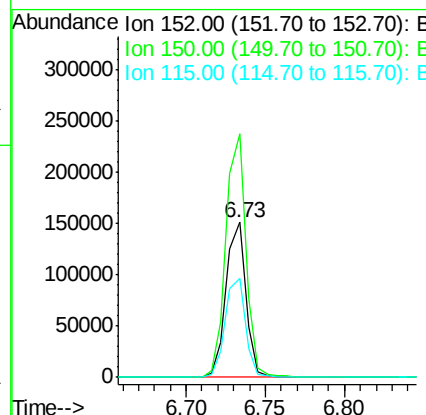
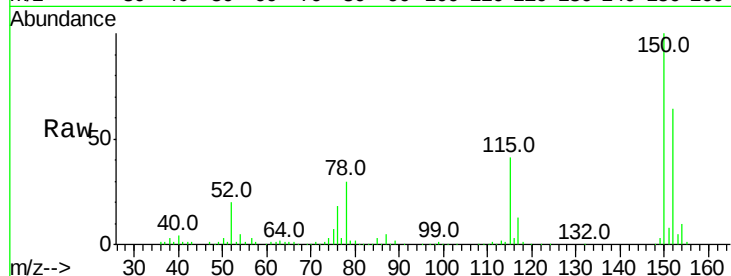
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.02 min
Lab File: BF098122.D
Acq: 29 Aug 2017 20:33

Instrument :
BNA_F
ClientSampleId :
HR-05-082517

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	126.2	189.2
115	64.3	52.2	78.2

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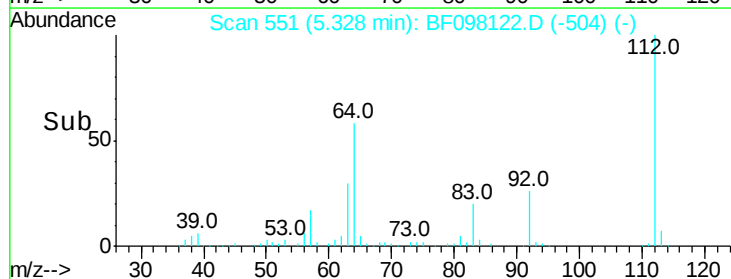
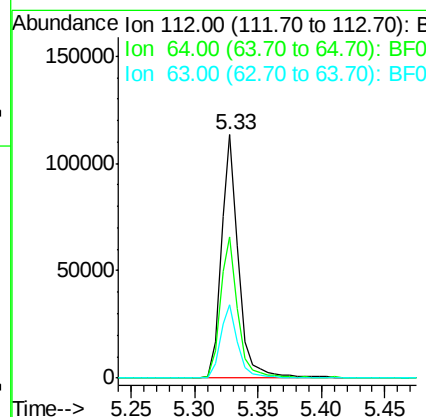
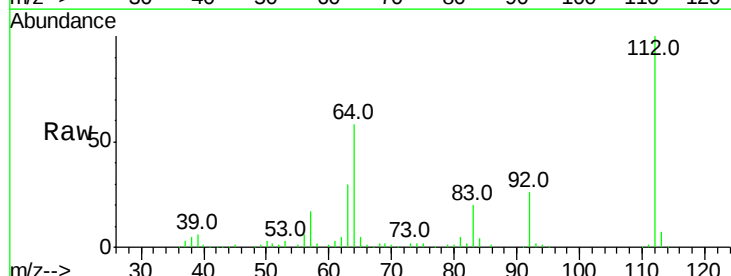
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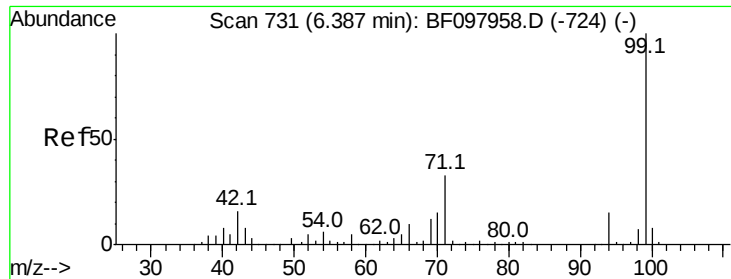


#5

2-Fluorophenol
Concen: 12.512 ng
RT: 5.33 min Scan# 551
Delta R.T. -0.02 min
Lab File: BF098122.D
Acq: 29 Aug 2017 20:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.8	46.0	69.0
63	30.2	23.4	35.0





#7

Phenol-d6

Concen: 13.653 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.03 min

Lab File: BF098122.D

Acq: 29 Aug 2017 20:33

Instrument :

BNA_F

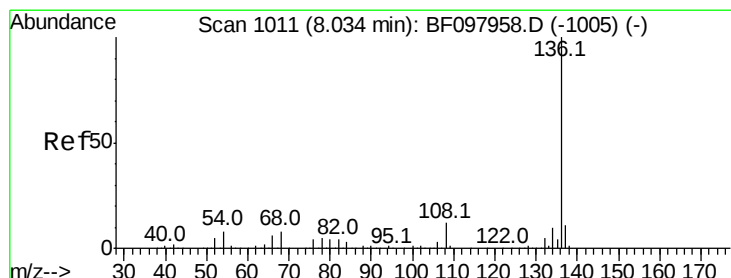
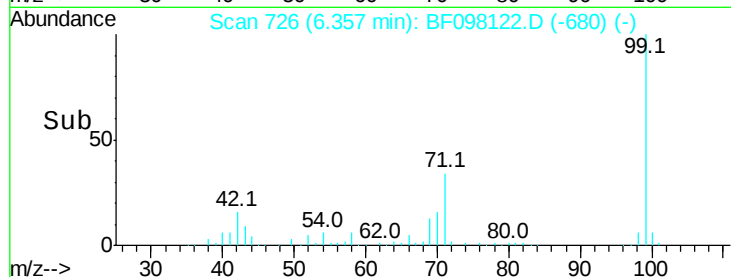
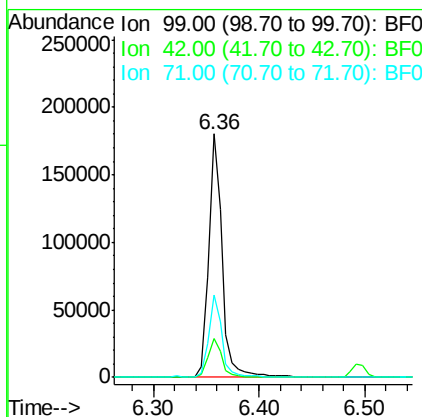
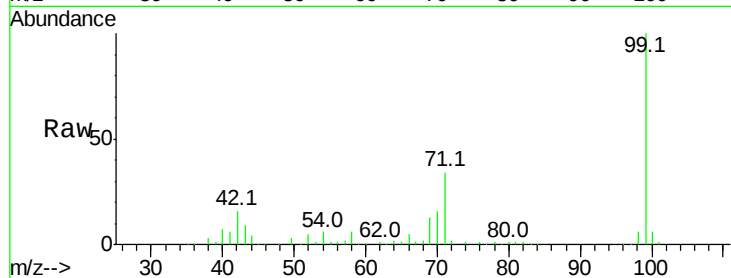
ClientSampleId :

HR-05-082517

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		160752		
42	16.1	13.5	20.3		
71	33.9	24.5	36.7		

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#21

Naphthalene-d8

Concen: 20.000 ng

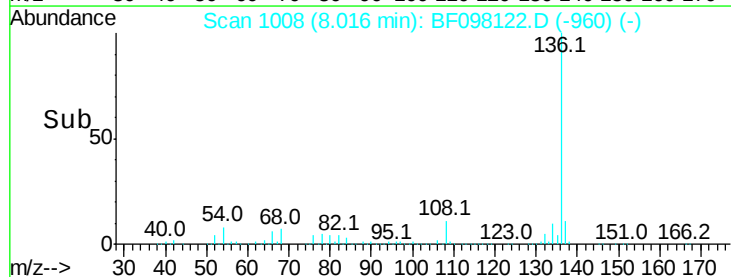
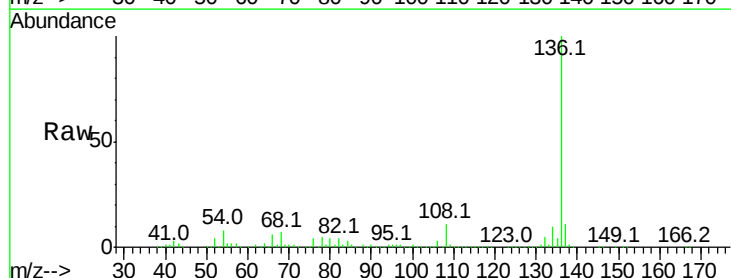
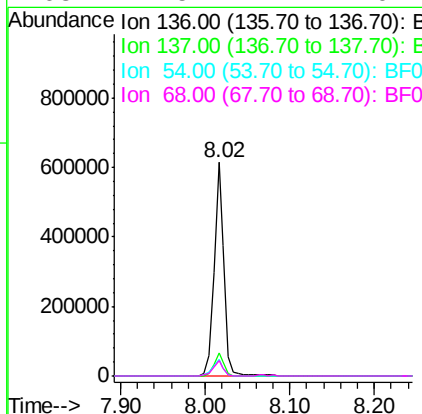
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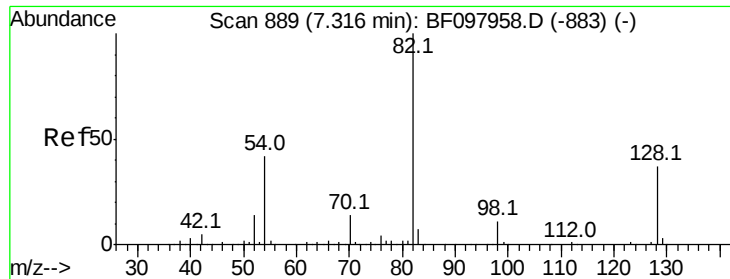
Delta R.T. -0.02 min

Lab File: BF098122.D

Acq: 29 Aug 2017 20:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		516724		
137	11.0	8.5	12.7		
54	7.9	4.9	7.3#		
68	7.5	4.1	6.1#		





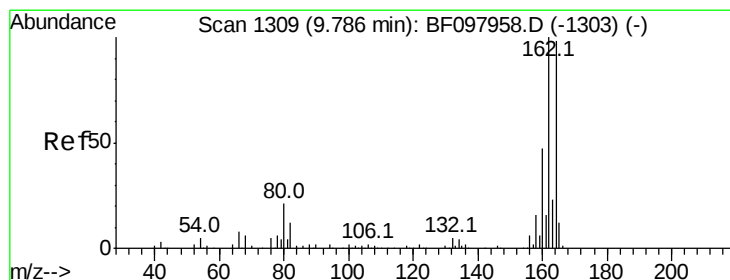
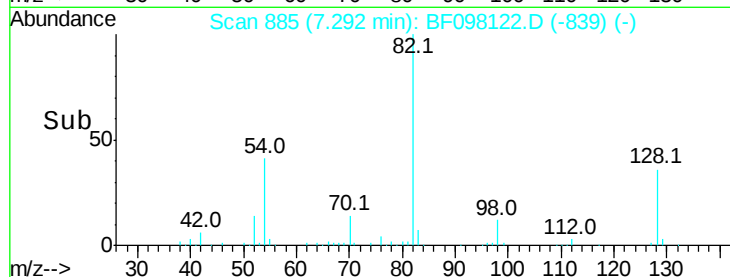
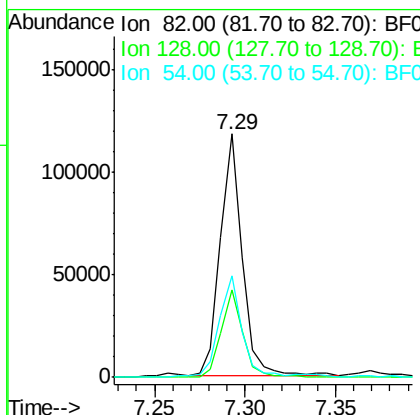
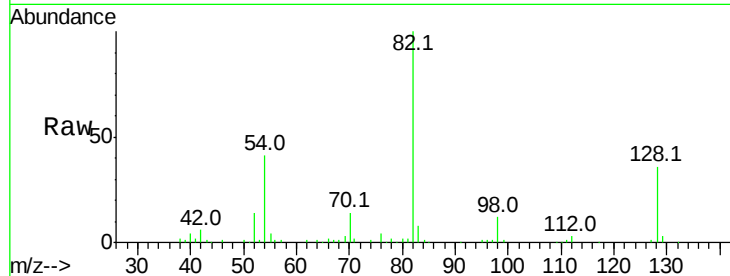
#23
 Nitrobenzene-d5
 Concen: 10.614 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.03 min
 Lab File: BF098122.D
 Acq: 29 Aug 2017 20:33

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-082517

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	36.1	34.0	51.0	
54	41.5	42.2	63.2	

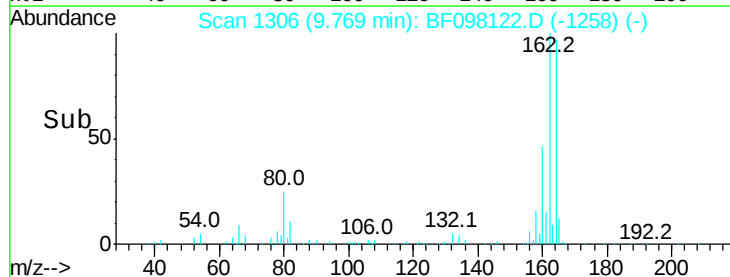
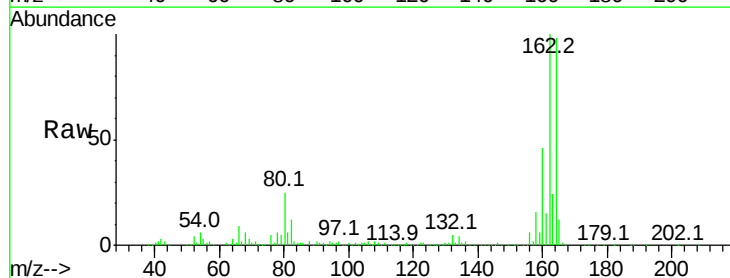
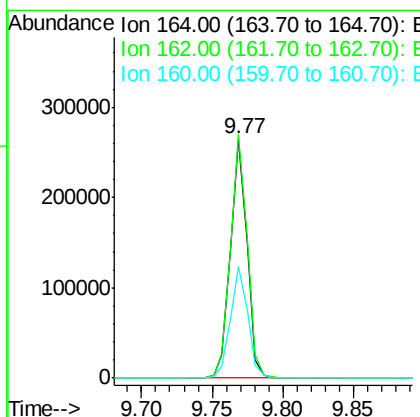
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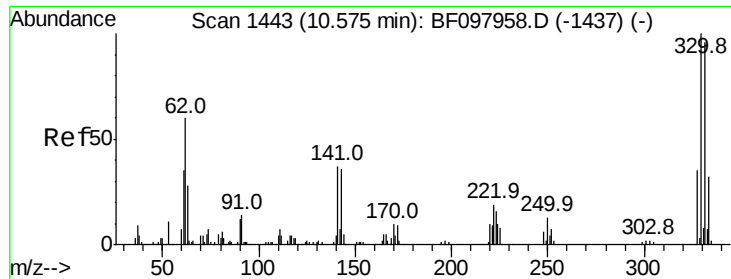
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.02 min
 Lab File: BF098122.D
 Acq: 29 Aug 2017 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.9	82.6	123.8	
160	46.9	36.2	54.2	





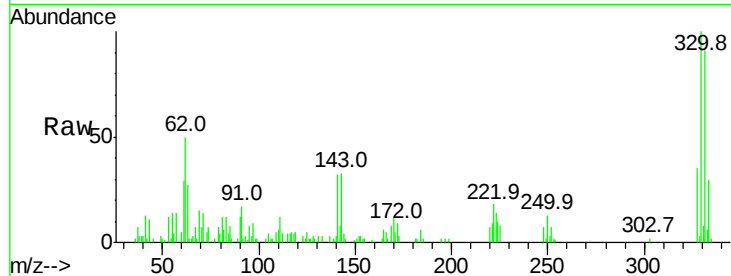
#41
 2,4,6-Tribromophenol
 Concen: 11.285 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.02 min
 Lab File: BF098122.D
 Acq: 29 Aug 2017 20:33

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-082517

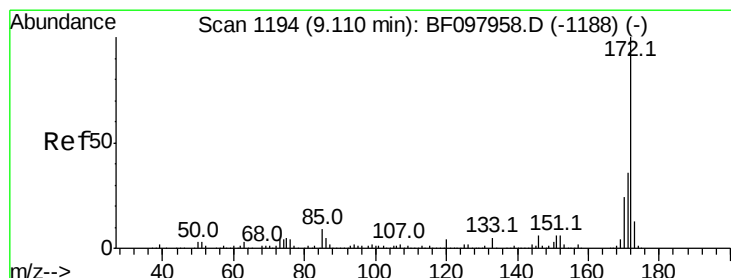
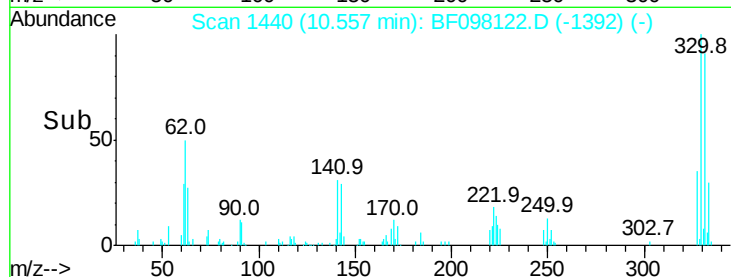
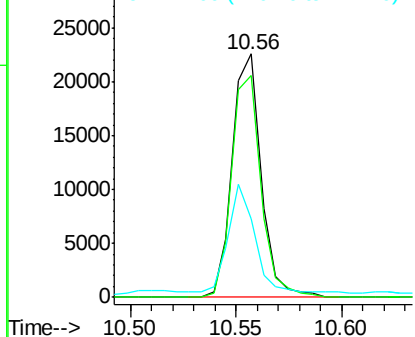
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	92.8	76.6	115.0	
141	40.7	31.4	47.2	

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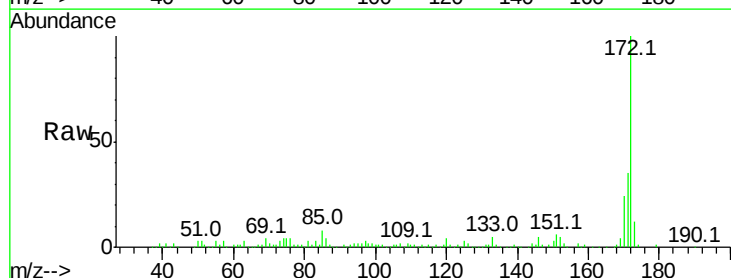


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

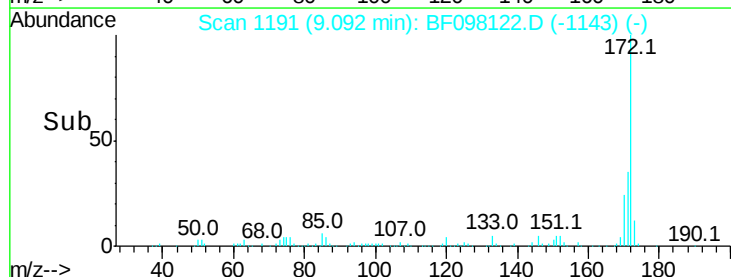
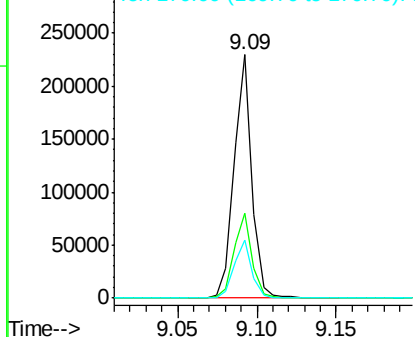


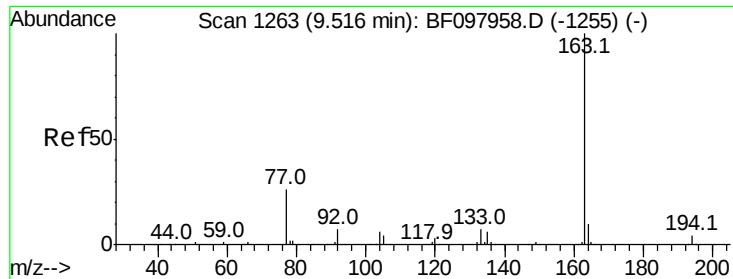
#44
 2-Fluorobiphenyl
 Concen: 12.035 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.02 min
 Lab File: BF098122.D
 Acq: 29 Aug 2017 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	34.7	29.6	44.4	
170	24.1	19.8	29.8	



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





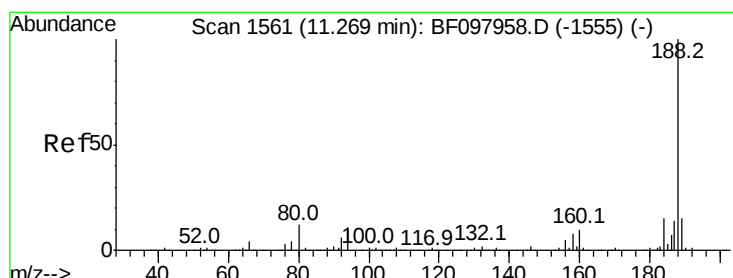
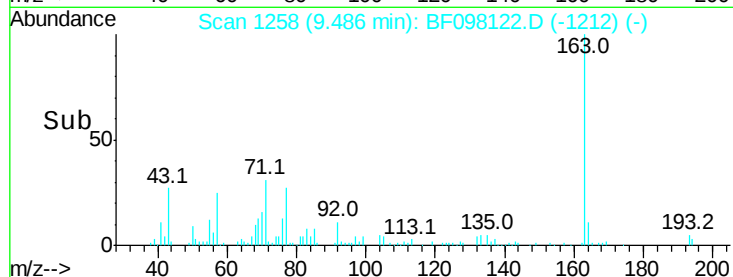
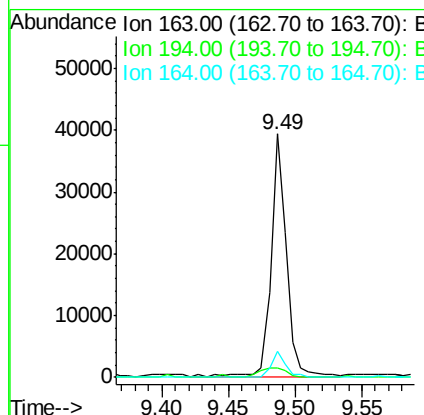
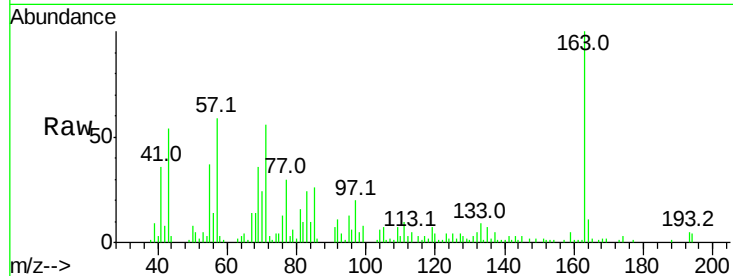
#49
Dimethylphthalate
Concen: 2.023 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.03 min
Lab File: BF098122.D
Acq: 29 Aug 2017 20:33

Instrument :
BNA_F
ClientSampleId :
HR-05-082517

Tot Ion	Ratio	Resp	Lower	Upper
163	100	32151		
194	3.7		2.6	4.0
164	10.7		8.4	12.6

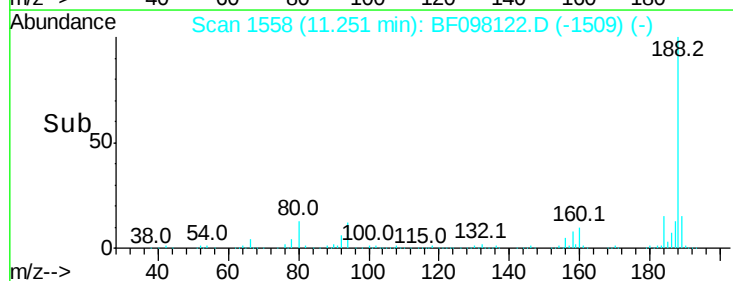
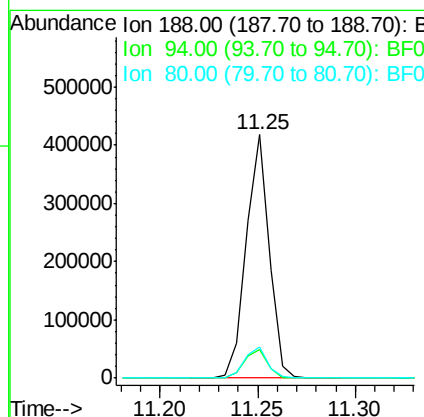
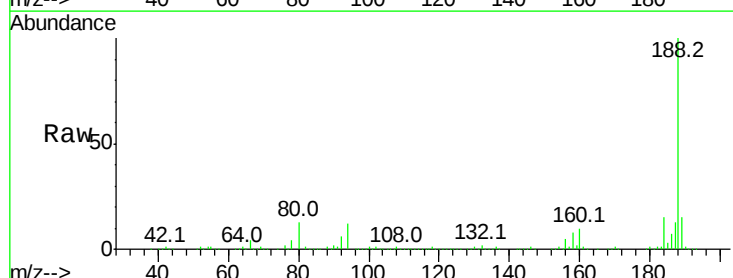
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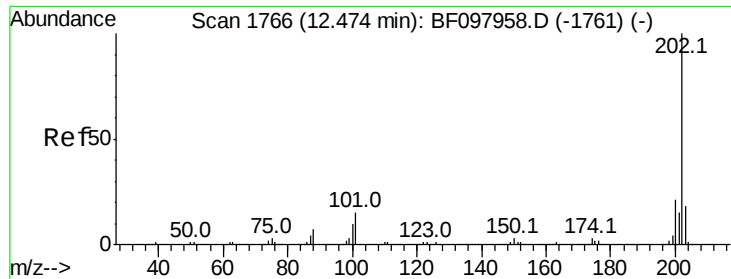
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF098122.D
Acq: 29 Aug 2017 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	342589		
94	11.6		9.4	14.2
80	12.6		10.2	15.2





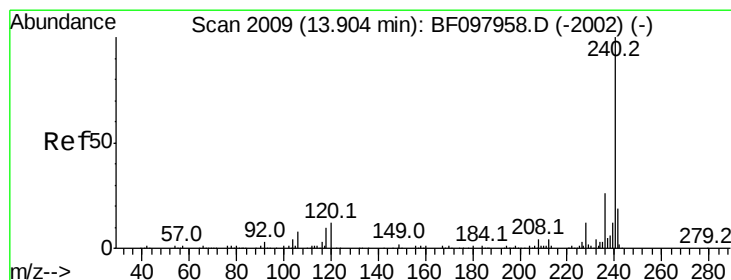
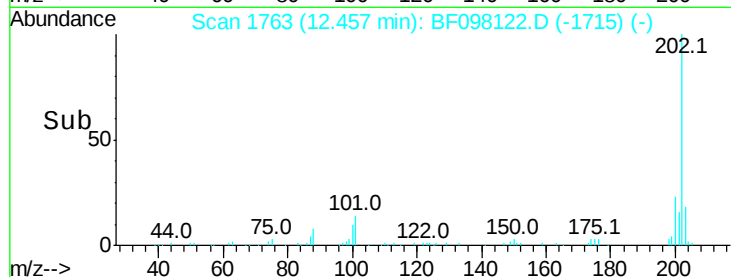
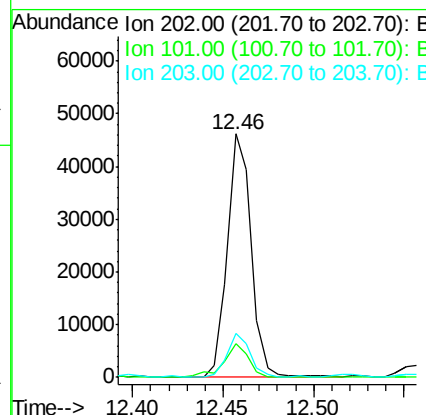
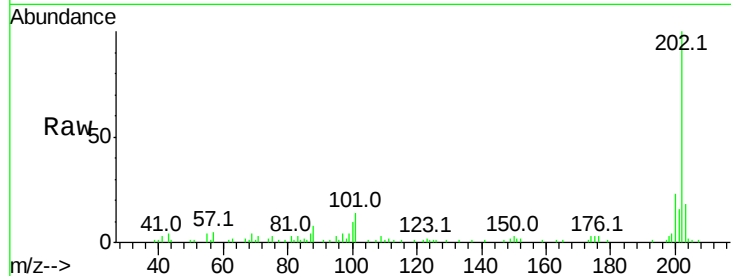
#74
 Fluoranthene
 Concen: 2.229 ng
 RT: 12.46 min Scan# 1763
 Delta R.T. -0.02 min
 Lab File: BF098122.D
 Acq: 29 Aug 2017 20:33

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-082517

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.7	0.0	33.2
203	18.0	0.0	38.1

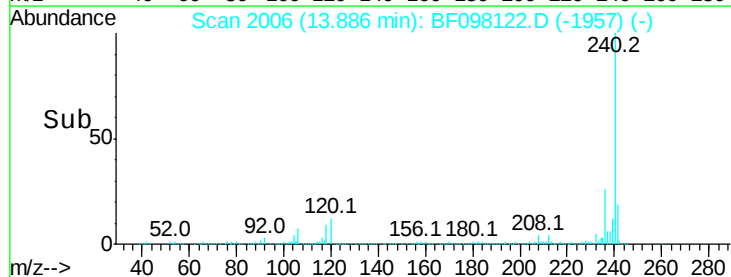
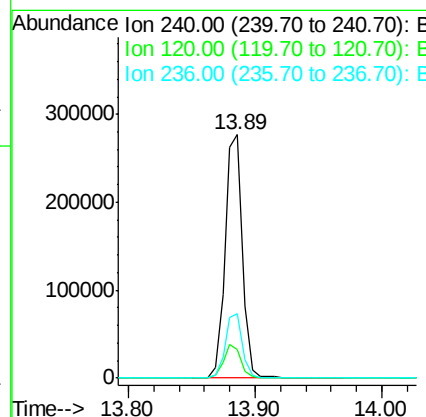
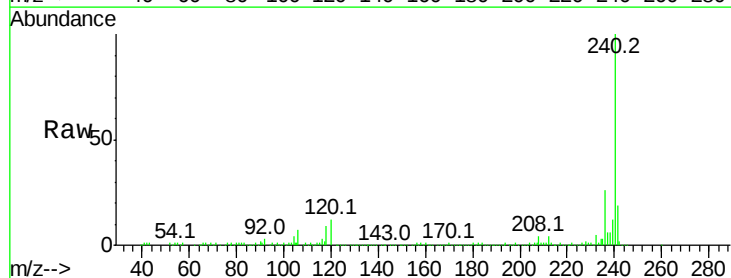
Manual Integrations
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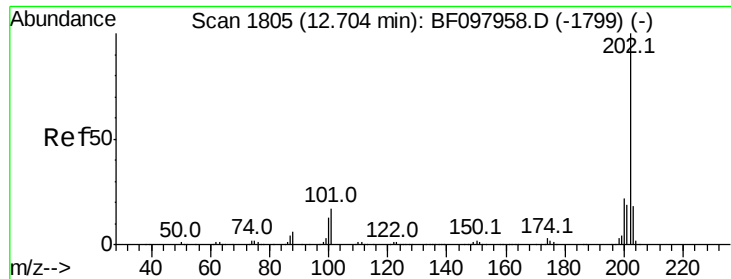
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#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF098122.D
 Acq: 29 Aug 2017 20:33

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.6	5.8	8.8#
236	26.3	20.5	30.7





#77

Pvrene

Concen: 2.018 ng

RT: 12.69 min Scan# 1802

Delta R.T. -0.02 min

Lab File: BF098122.D

Acq: 29 Aug 2017 20:33

Instrument :

BNA_F

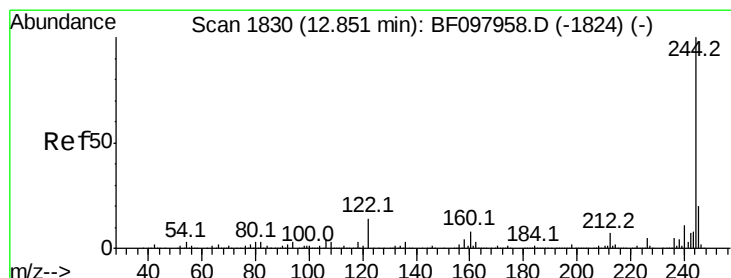
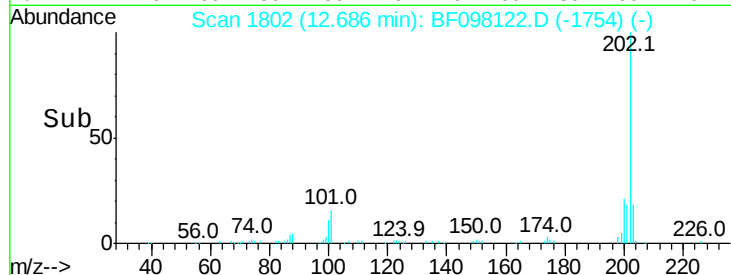
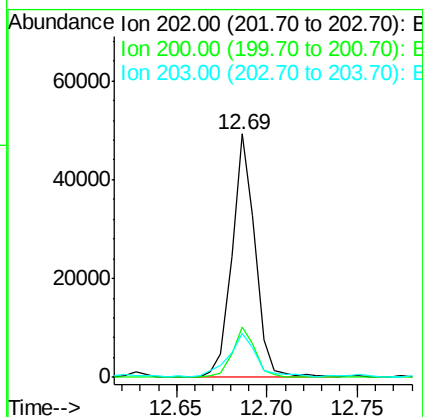
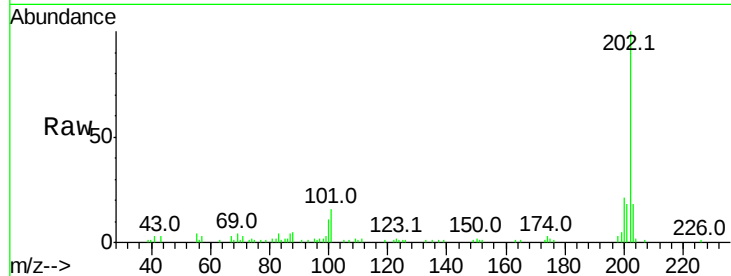
ClientSampleId :

HR-05-082517

Tot Ion:	202	Resp:	43598
Ion Ratio	Lower	Upper	
202	100		
200	20.5	17.6	26.4
203	18.2	14.4	21.6

Manual Integrations
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#78

Terphenyl-d14

Concen: 8.468 ng

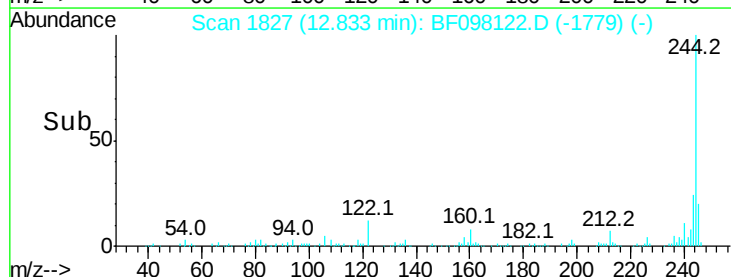
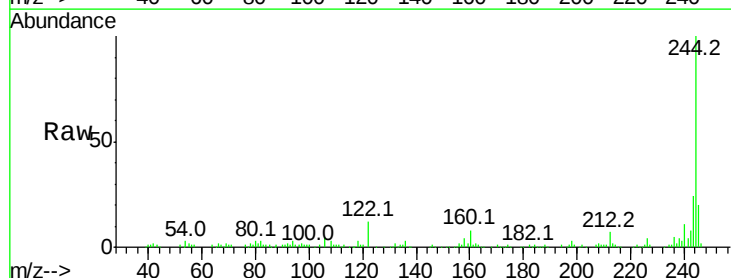
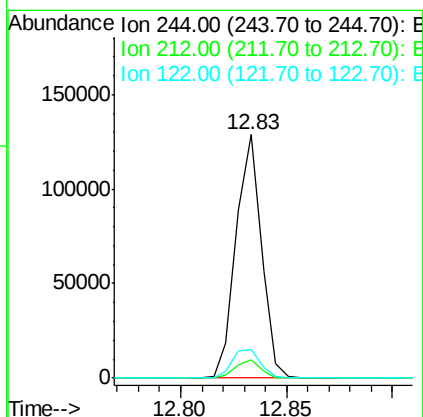
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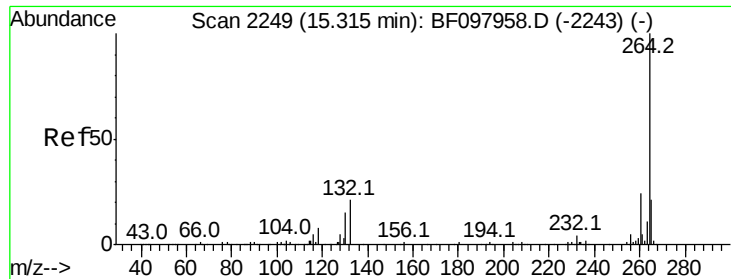
Delta R.T. -0.02 min

Lab File: BF098122.D

Acq: 29 Aug 2017 20:33

Tgt Ion:	244	Resp:	107287
Ion Ratio	Lower	Upper	
244	100		
212	7.3	6.0	9.0
122	11.5	10.3	15.5





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.30 min Scan# 2247

Delta R.T. -0.01 min

Lab File: BF098122.D

Acq: 29 Aug 2017 20:33

Instrument :

BNA_F

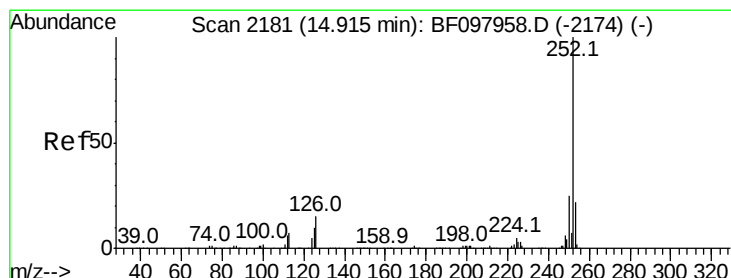
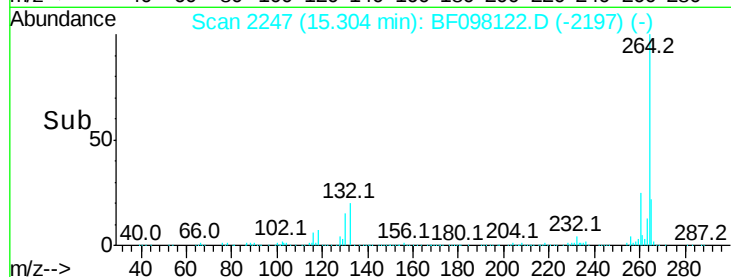
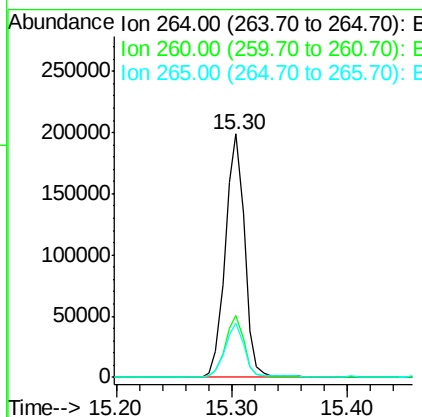
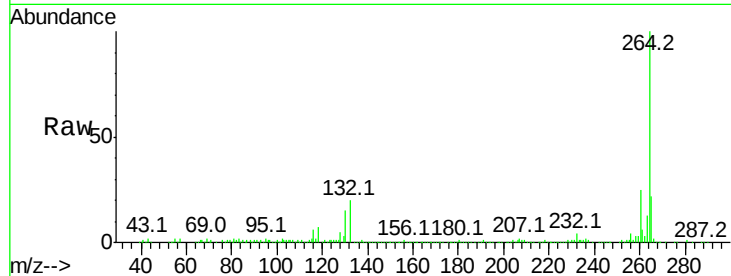
ClientSampled :

HR-05-082517

Tot Ion:	264	Resp:	230535
Ion Ratio	Lower	Upper	
264	100		
260	25.3	19.5	29.3
265	22.1	17.2	25.8

Manual Integrations
APPROVED

Sohil
8/30/2017 6:45:02 PM



#87

Benzo(b)fluoranthene

Concen: 2.313 ng m

RT: 14.90 min Scan# 2178

Delta R.T. -0.01 min

Lab File: BF098122.D

Acq: 29 Aug 2017 20:33

Tgt Ion:	252	Resp:	33618
Ion Ratio	Lower	Upper	
252	100		
253	22.9	18.1	27.1
125	15.9	9.8	14.8#

