

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
 Data File : BF109550.D
 Acq On : 3 Oct 2018 16:59
 Operator : JU/SJ
 Sample : J5194-03 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-100218-B

Manual Integrations
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 10/4/2018 11:44:06 AM

Quant Time: Oct 04 09:43:58 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	87649	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	319681	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	122880	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	221626	20.00	ng	0.00
75) Chrysene-d12	13.84	240	241694	20.00	ng	0.00
86) Perylene-d12	15.24	264	187951	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	248106	46.62	ng	0.00
7) Phenol-d6	6.34	99	329504	48.52	ng	-0.02
23) Nitrobenzene-d5	7.26	82	200063	36.94	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	62037	51.21	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	297520	36.52	ng	-0.02
78) Terphenyl-d14	12.79	244	287321	29.17	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.45	163	89490	10.013	ng	Qvalue # 99
74) Fluoranthene	12.42	202	31814	2.690	ng	97

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

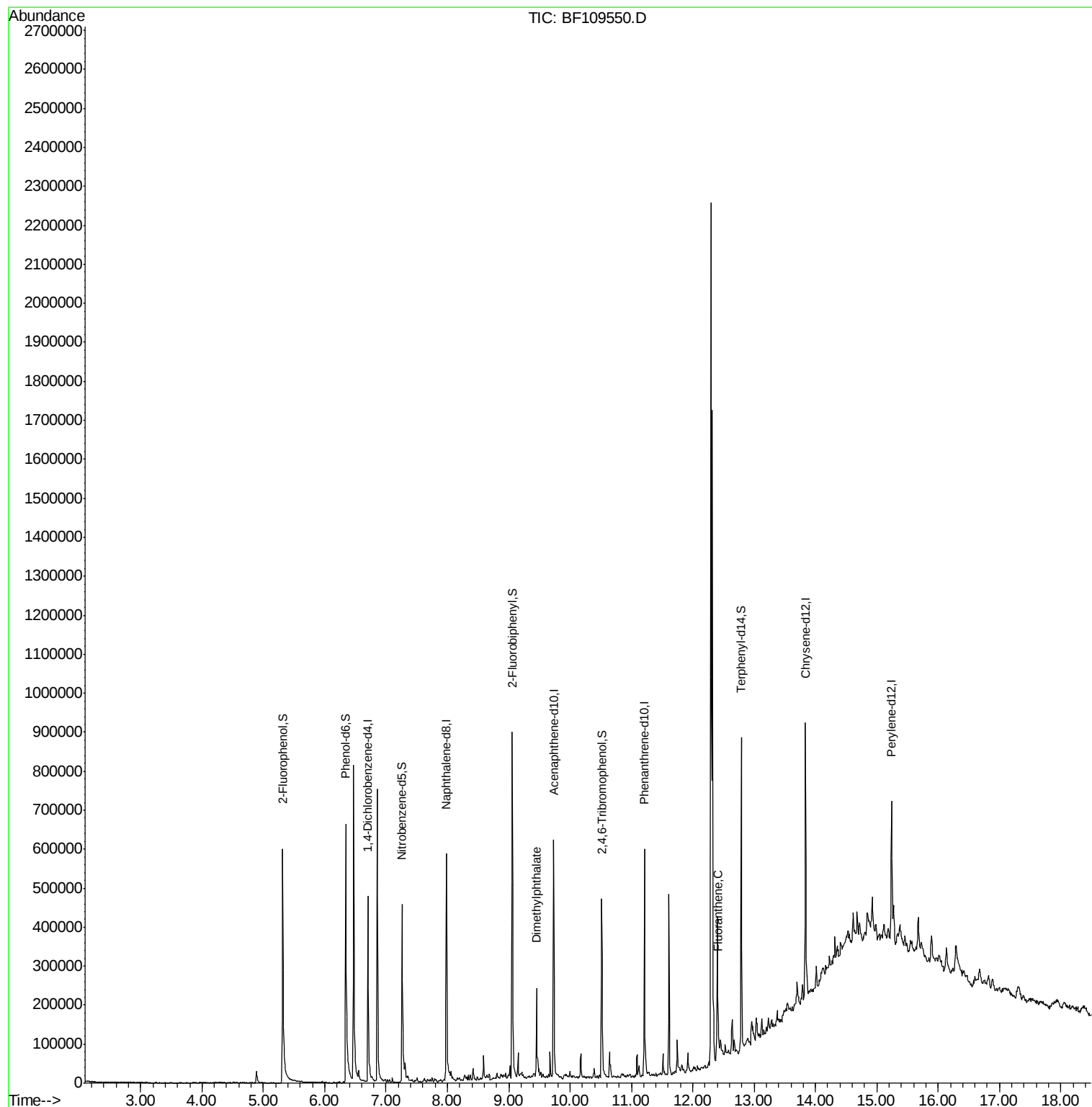
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
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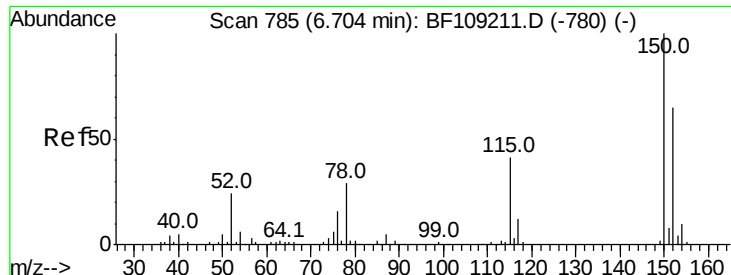
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
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#1

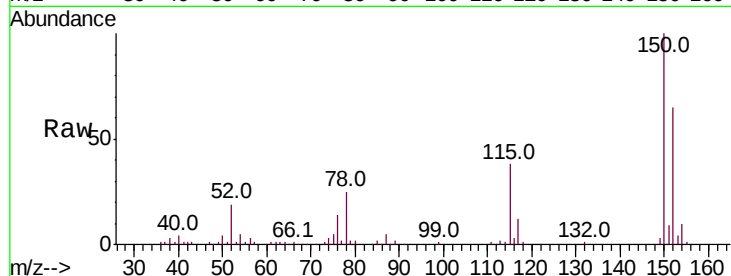
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109550.D
Acq: 3 Oct 2018 16:59

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	124.6	186.8
115	58.1	50.1	75.1

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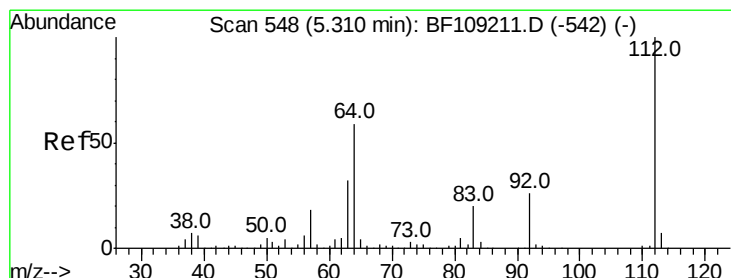
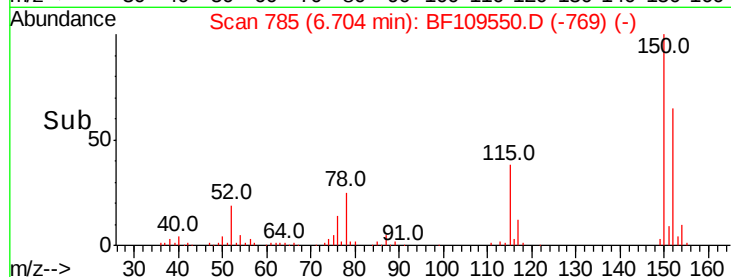
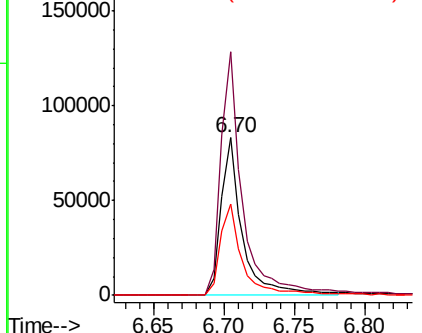


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

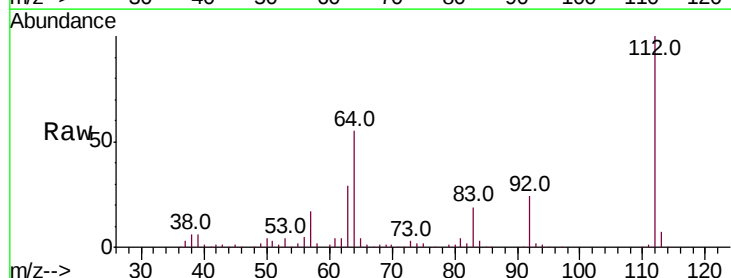
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 46.623 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109550.D
Acq: 3 Oct 2018 16:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.8	47.9	71.9
63	29.3	23.7	35.5

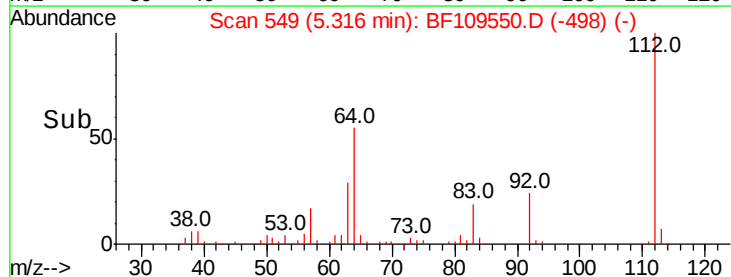
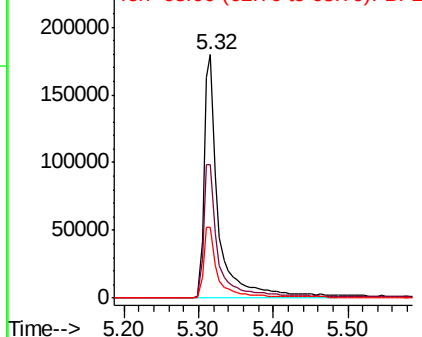


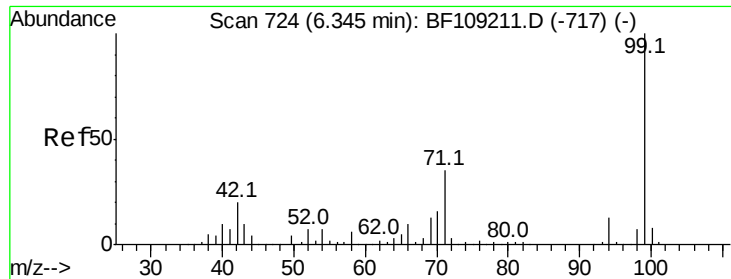
Abundance

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: 48.525 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109550.D

Acq: 3 Oct 2018 16:59

Instrument :

BNA_F

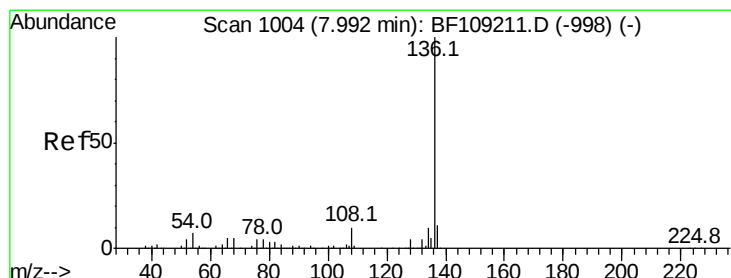
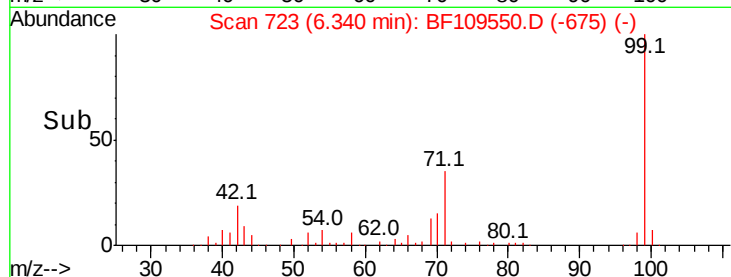
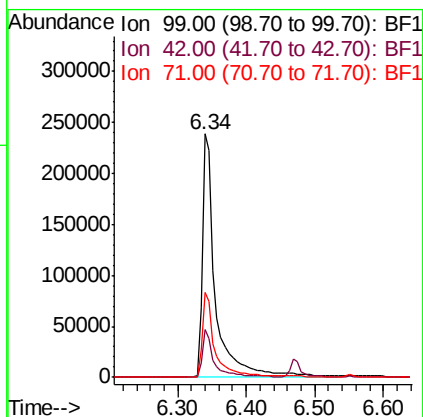
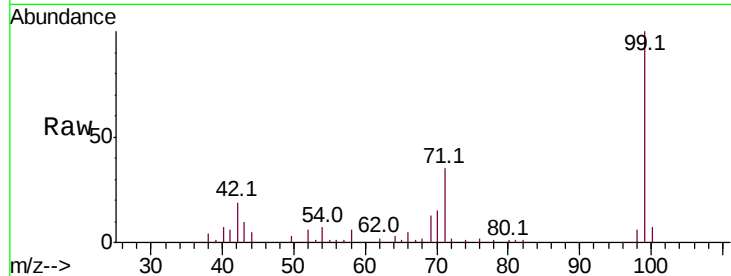
ClientSampleId :

HR-06-100218-B

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		329504		
42	19.4	14.5	21.7		
71	35.0	25.4	38.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

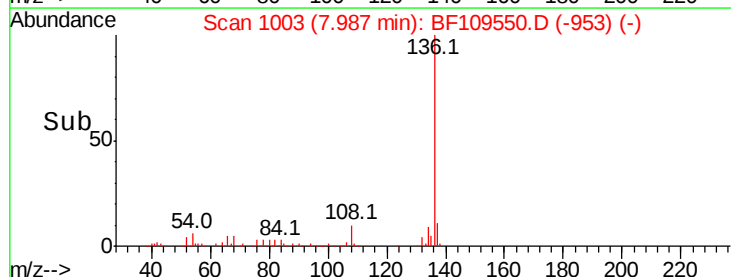
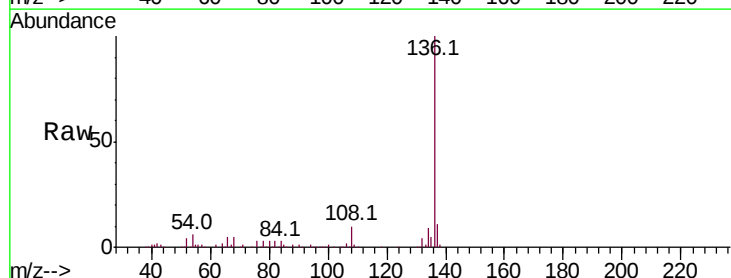
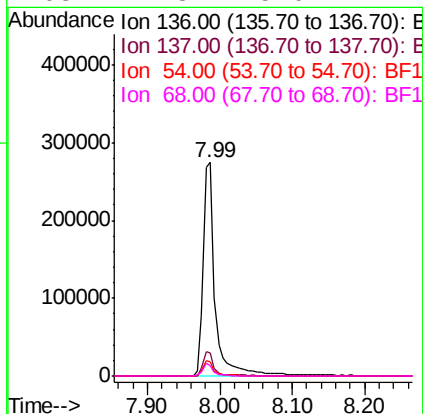
RT: 7.99 min Scan# 1003

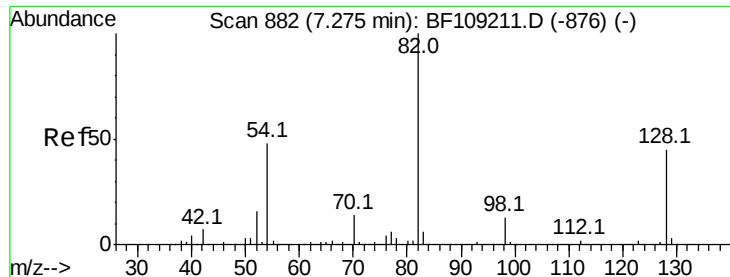
Delta R.T. -0.01 min

Lab File: BF109550.D

Acq: 3 Oct 2018 16:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		319681		
137	10.9	8.9	13.3		
54	6.4	6.6	9.8#		
68	4.8	5.0	7.4#		





#23

Nitrobenzene-d5

Concen: 36.943 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.02 min

Lab File: BF109550.D

Acq: 3 Oct 2018 16:59

Instrument :

BNA_F

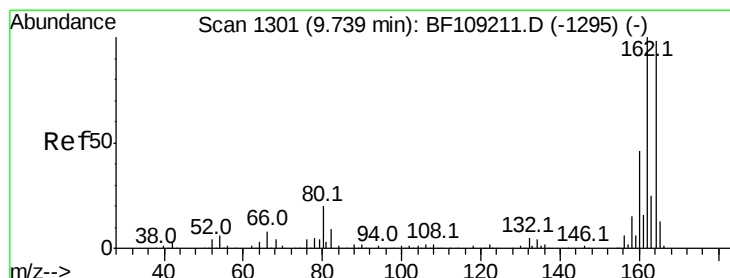
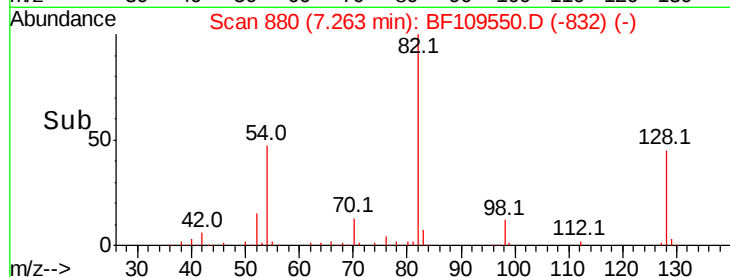
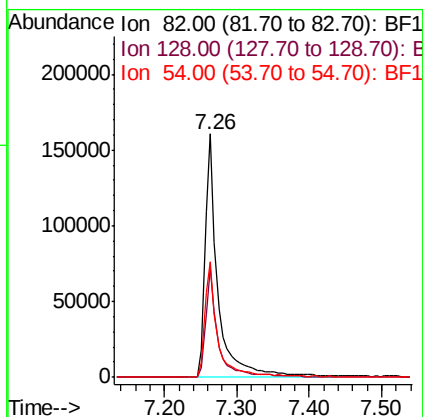
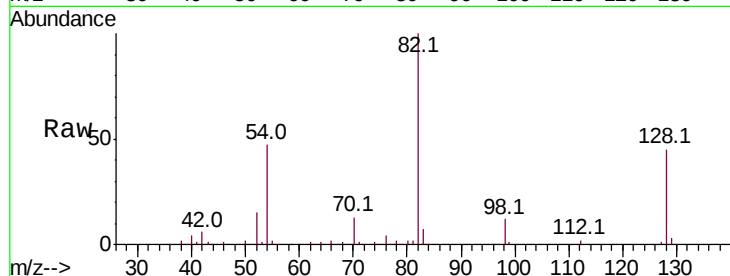
ClientSampleId :

HR-06-100218-B

Tot Ion:	82	Resp:	200063
Ion Ratio	Lower	Upper	
82	100		
128	44.8	36.1	54.1
54	47.4	41.4	62.2

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#38

Acenaphthene-d10

Concen: 20.000 ng

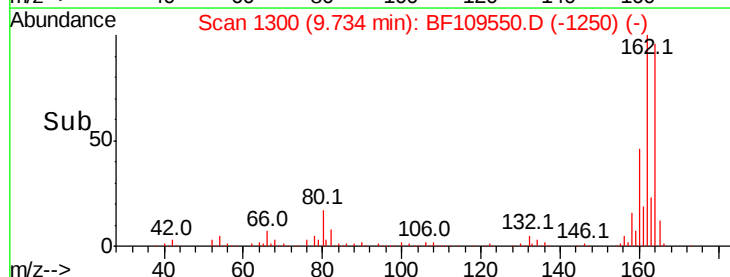
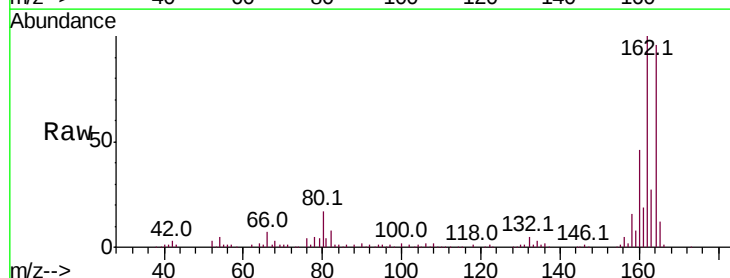
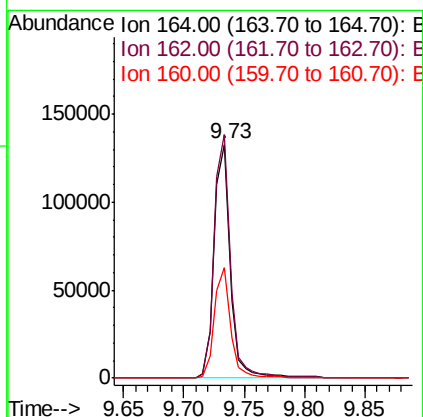
RT: 9.73 min Scan# 1300

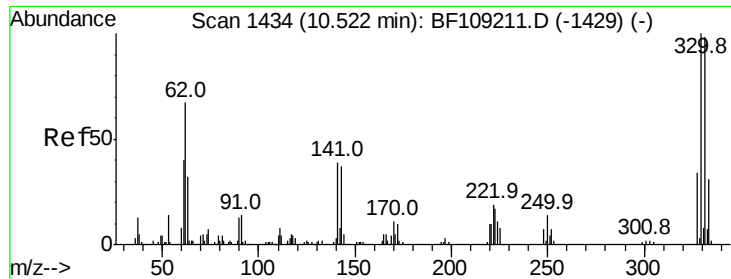
Delta R.T. -0.01 min

Lab File: BF109550.D

Acq: 3 Oct 2018 16:59

Tgt Ion:	164	Resp:	122880
Ion Ratio	Lower	Upper	
164	100		
162	104.0	86.1	129.1
160	47.5	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 51.213 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.02 min

Lab File: BF109550.D

Acq: 3 Oct 2018 16:59

Instrument :

BNA_F

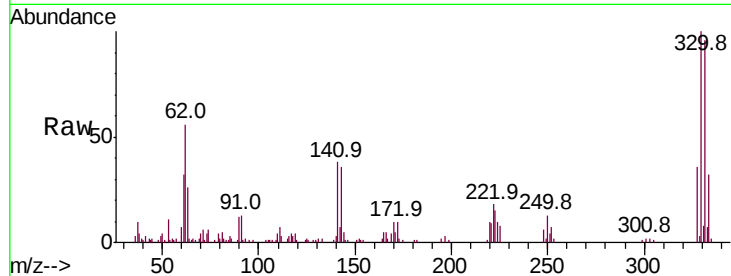
ClientSampleId :

HR-06-100218-B

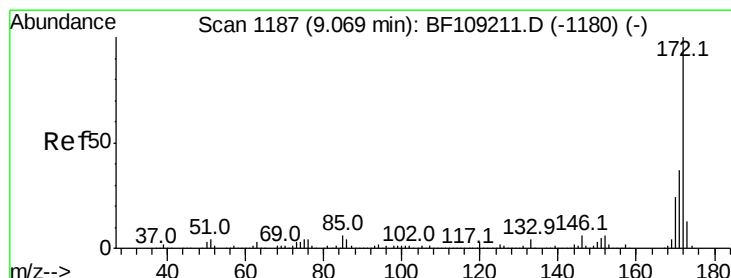
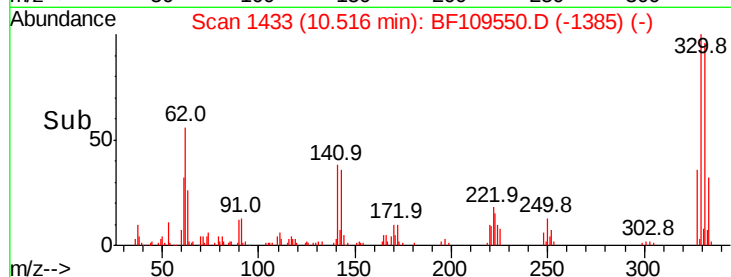
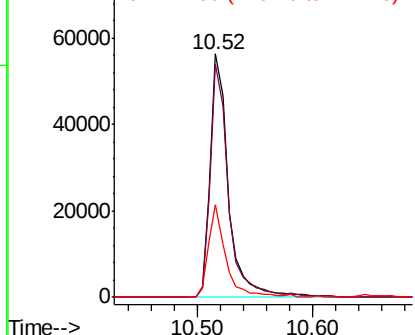
Tot Ion:	330	Resp:	62037
Ion Ratio	Lower	Upper	
330	100		
332	96.3	77.0	115.6
141	36.2	29.9	44.9

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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: 36.517 ng

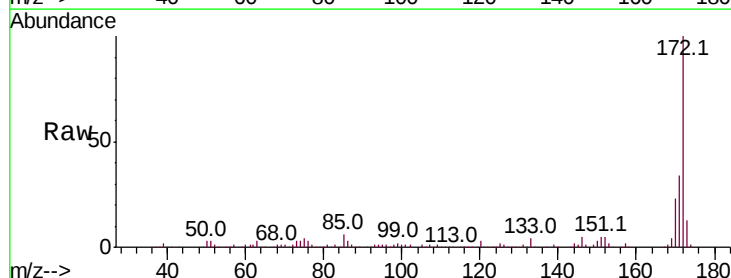
RT: 9.06 min Scan# 1185

Delta R.T. -0.02 min

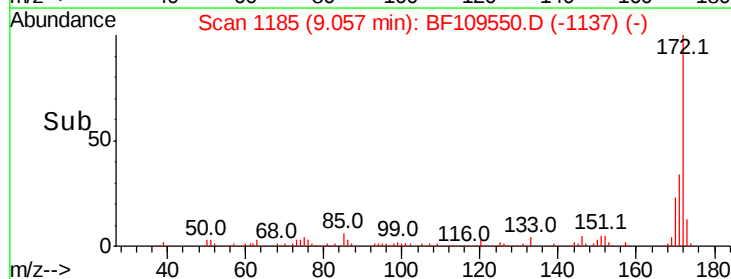
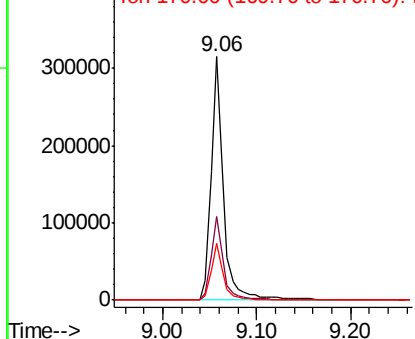
Lab File: BF109550.D

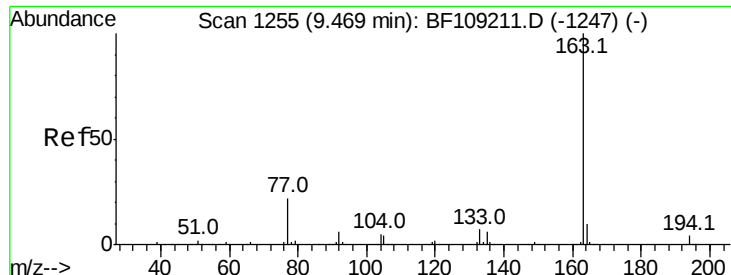
Acq: 3 Oct 2018 16:59

Tgt Ion:	172	Resp:	297520
Ion Ratio	Lower	Upper	
172	100		
171	34.5	29.7	44.5
170	23.4	19.6	29.4



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





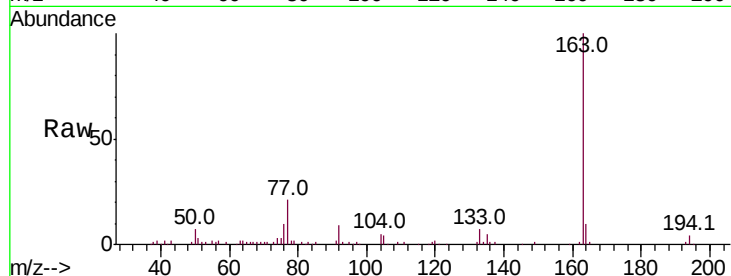
#49
Dimethylphthalate
Concen: 10.013 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109550.D
Acq: 3 Oct 2018 16:59

Instrument :
BNA_F
ClientSampleId :
HR-06-100218-B

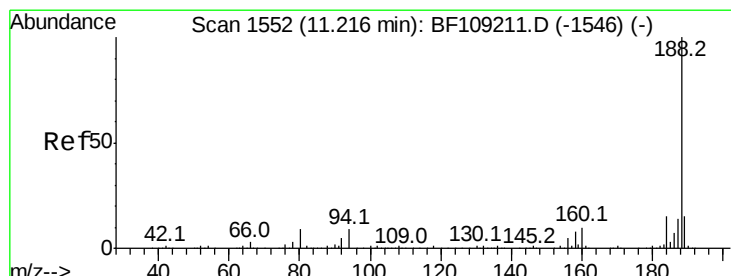
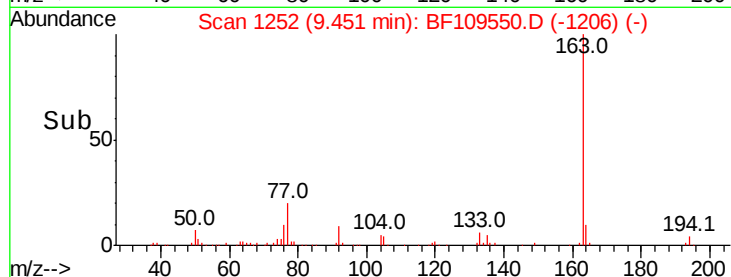
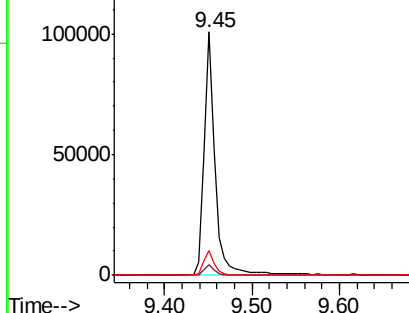
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.1	2.7	4.1#	
164	9.9	8.2	12.2	

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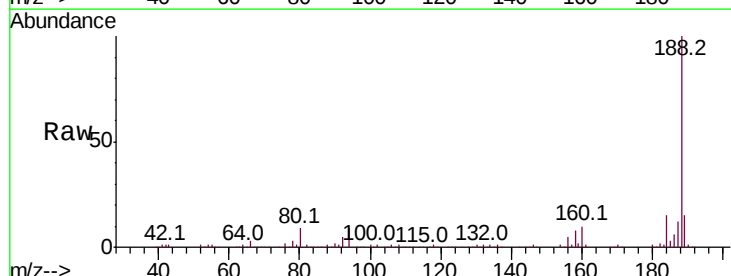


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

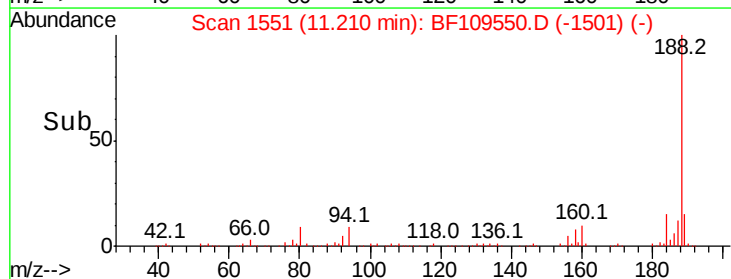
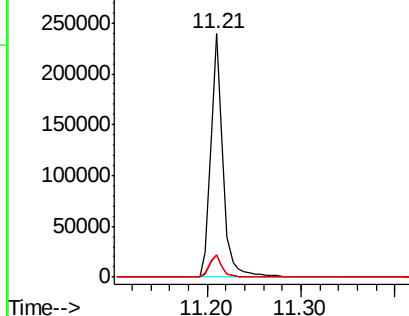


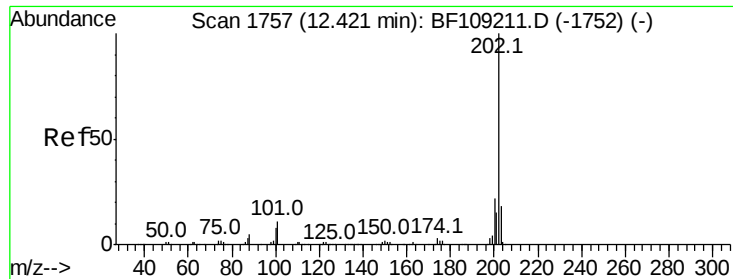
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109550.D
Acq: 3 Oct 2018 16:59

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	8.9	8.5	12.7	
80	9.3	9.2	13.8	



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#74

Fluoranthene

Concen: 2.690 ng

RT: 12.42 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BF109550.D

Acq: 3 Oct 2018 16:59

Instrument :

BNA_F

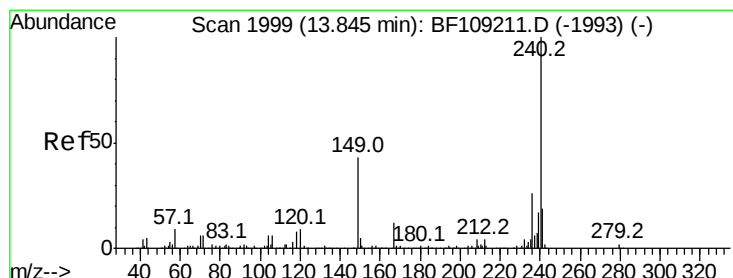
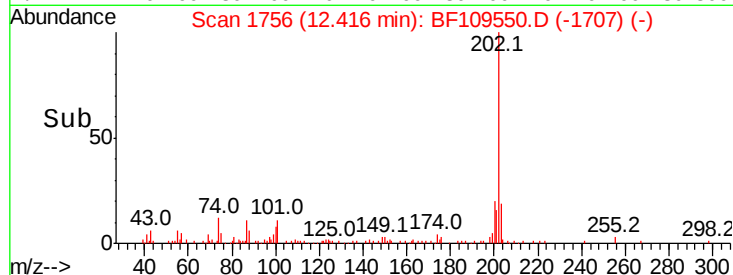
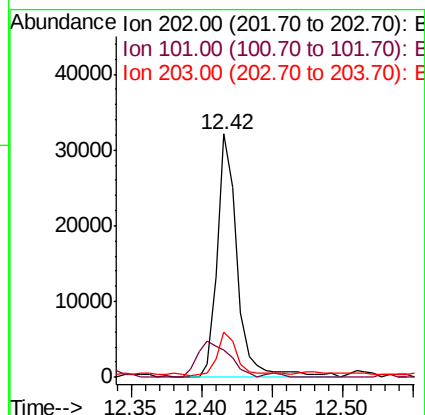
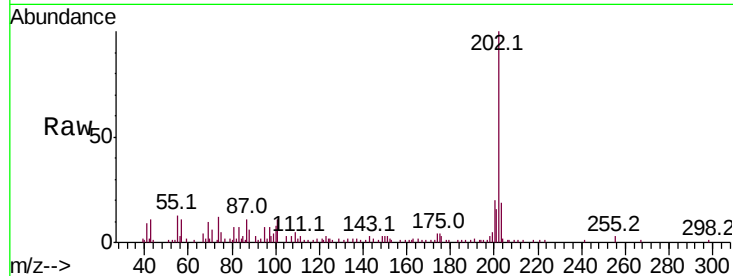
ClientSampleId :

HR-06-100218-B

Tot Ion:	202	Resp:	31814
Ion Ratio	Lower	Upper	
202	100		
101	11.4	0.0	34.1
203	18.6	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

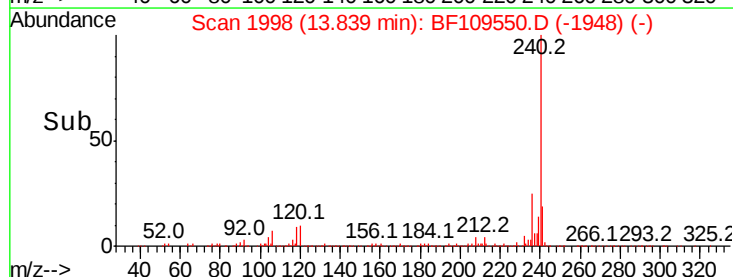
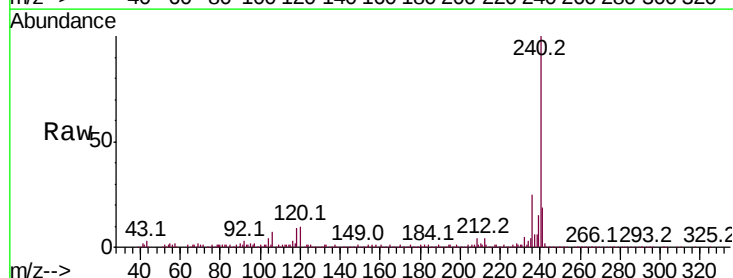
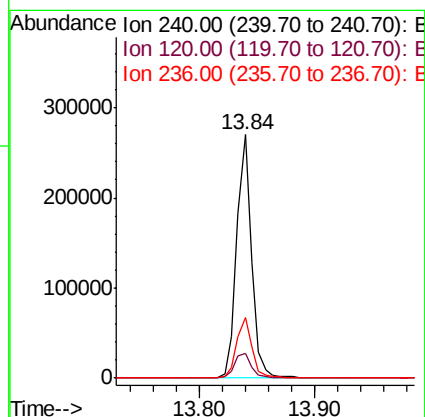
RT: 13.84 min Scan# 1998

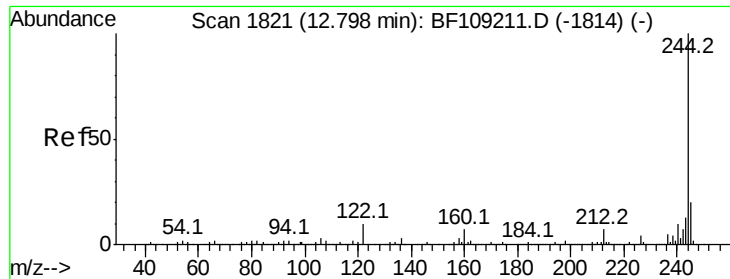
Delta R.T. -0.01 min

Lab File: BF109550.D

Acq: 3 Oct 2018 16:59

Tgt Ion:	240	Resp:	241694
Ion Ratio	Lower	Upper	
240	100		
120	10.4	9.5	14.3
236	25.0	20.7	31.1





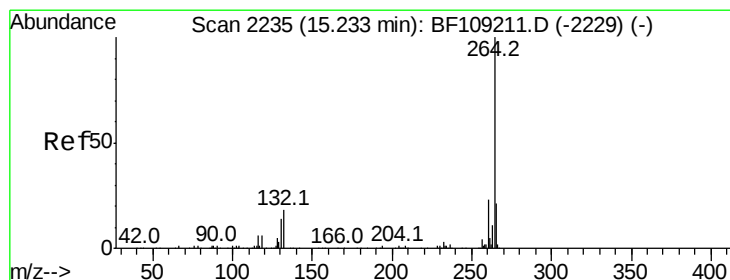
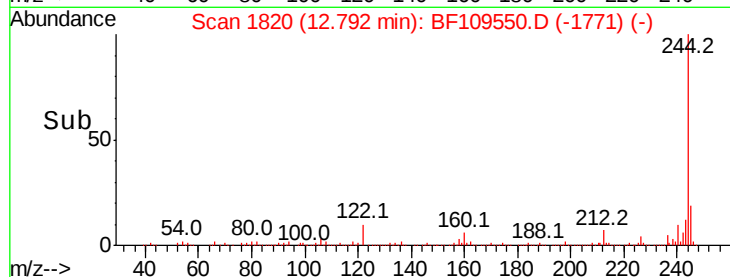
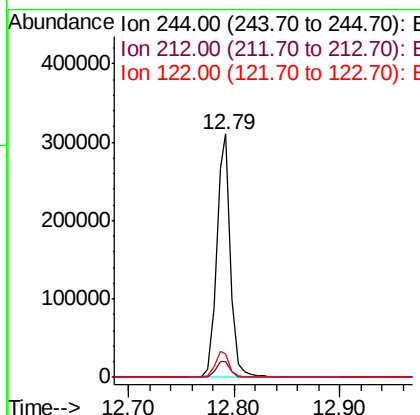
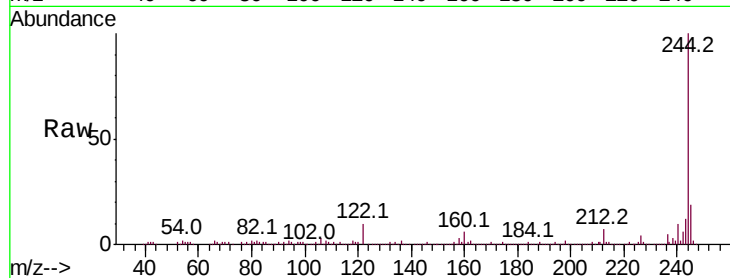
#78
 Terphenyl-d14
 Concen: 29.175 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF109550.D
 Acq: 3 Oct 2018 16:59

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-100218-B

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	9.8	11.0	16.4

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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2237
 Delta R.T. 0.01 min
 Lab File: BF109550.D
 Acq: 3 Oct 2018 16:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.7	17.5	26.3

