

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
 Data File : BF104231.D
 Acq On : 4 Apr 2018 17:55
 Operator : JU/SJ
 Sample : J2185-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOWER-CONCRETE-SLAB-1

Manual Integrations
 APPROVED

Sohil
 4/5/2018 4:38:52 PM

Quant Time: Apr 05 09:18:38 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:06:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	108533	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	494687	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	237743	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	461238	20.00	ng	0.00
75) Chrysene-d12	14.14	240	370606	20.00	ng	0.00
86) Perylene-d12	15.67	264	251989	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	188422m	27.69	ng	0.02
7) Phenol-d6	6.59	99	697227	83.27	ng	-0.01
23) Nitrobenzene-d5	7.52	82	515125	63.68	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	32011	12.09	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1086210	72.05	ng	0.00
78) Terphenyl-d14	13.07	244	1142207	71.16	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.70	163	103610	5.520	ng	99
84) Di-n-octyl phthalate	14.73	149	86573	3.103	ng	# 62

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

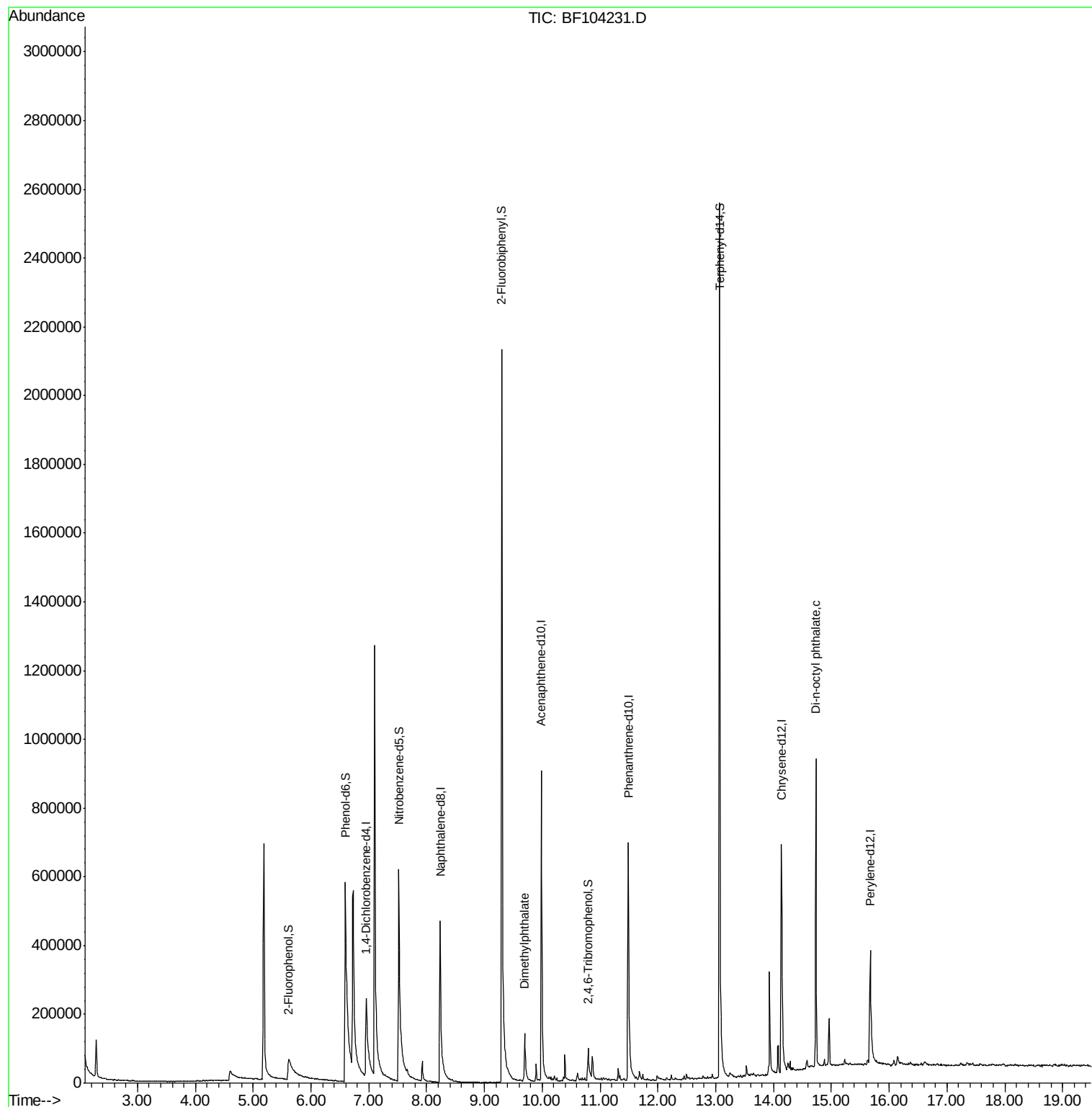
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
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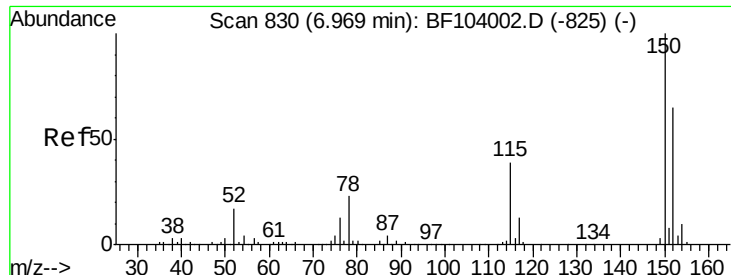
Instrument :
BNA_F
ClientSampleId :
LOWER-CONCRETE-SLAB-1

Manual Integrations
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#1

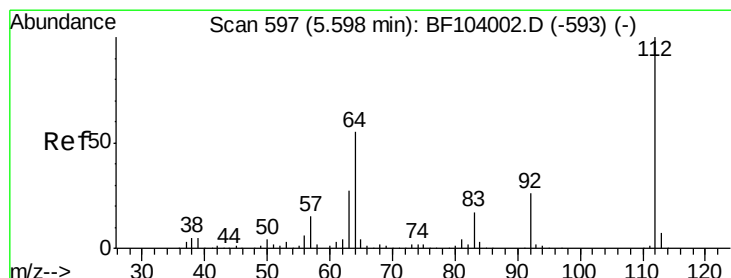
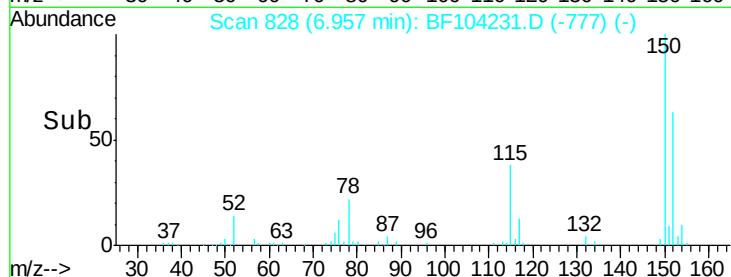
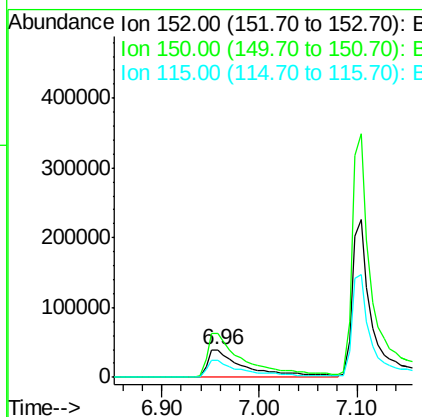
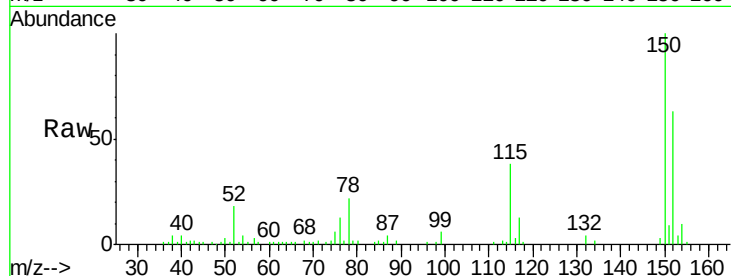
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF104231.D
 Acq: 4 Apr 2018 17:55

Instrument :
 BNA_F
 ClientSampleId :
 LOWER-CONCRETE-SLAB-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.6	186.8
115	60.3	50.1	75.1

Manual Integrations
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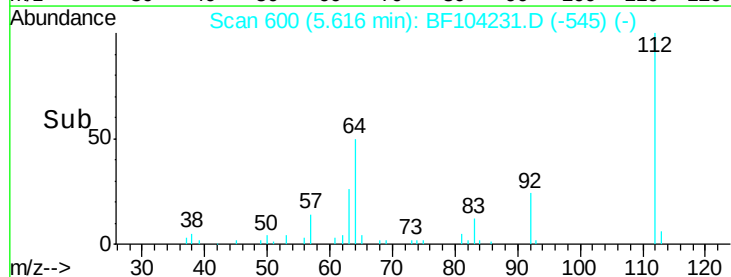
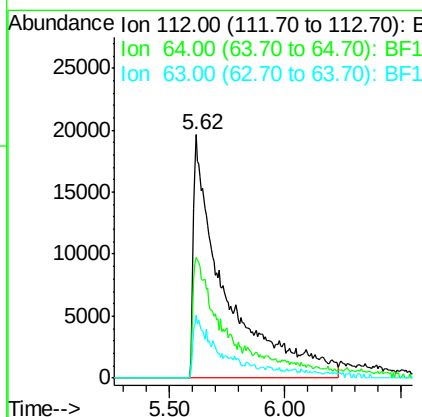
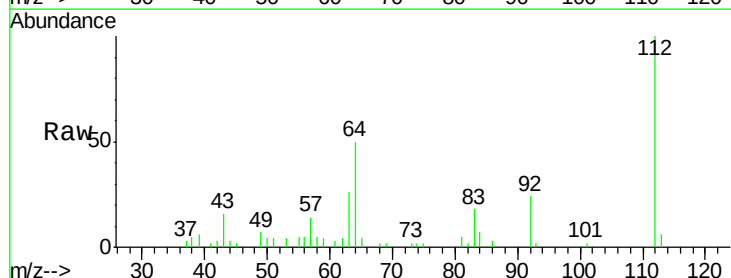
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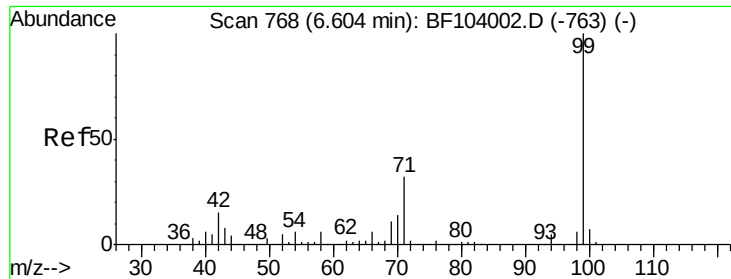


#5

2-Fluorophenol
 Concen: 27.686 ng m
 RT: 5.62 min Scan# 600
 Delta R.T. 0.02 min
 Lab File: BF104231.D
 Acq: 4 Apr 2018 17:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.7	47.9	71.9
63	26.1	23.7	35.5





#7

Phenol-d6

Concen: 83.271 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF104231.D

Acq: 4 Apr 2018 17:55

Instrument :

BNA_F

ClientSampleId :

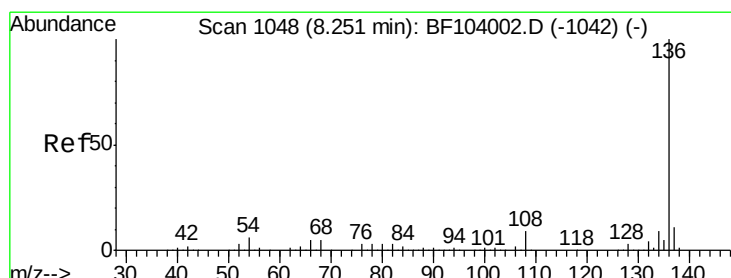
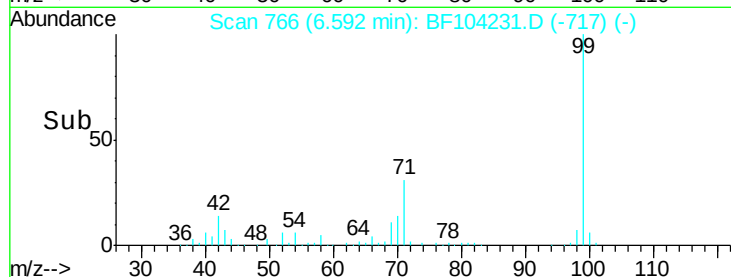
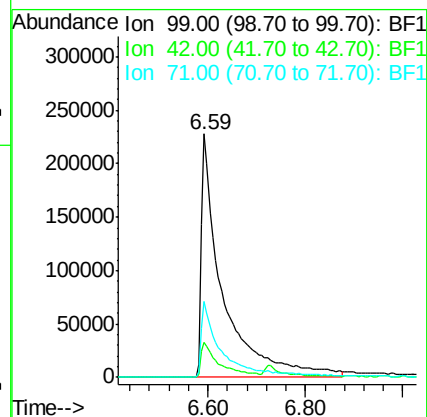
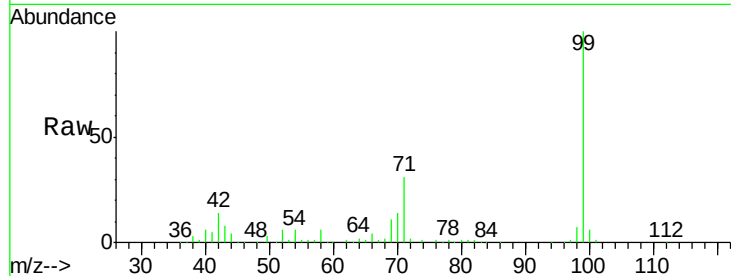
LOWER-CONCRETE-SLAB-1

Tot Ion: 99 Resp: 697227

Ion	Ratio	Lower	Upper
99	100		
42	14.2	14.5	21.7#
71	31.2	25.4	38.0

Manual Integrations
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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.23 min Scan# 1045

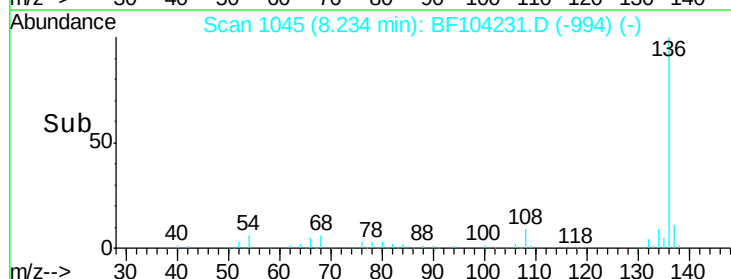
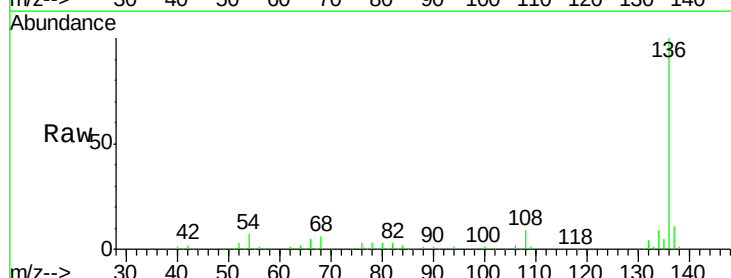
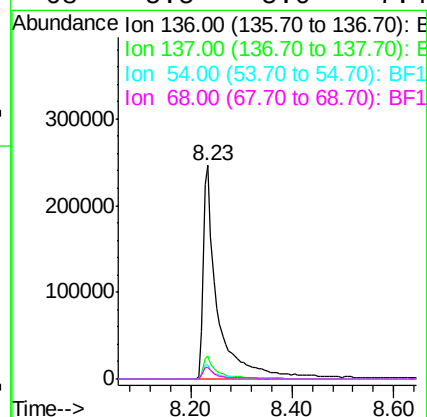
Delta R.T. 0.00 min

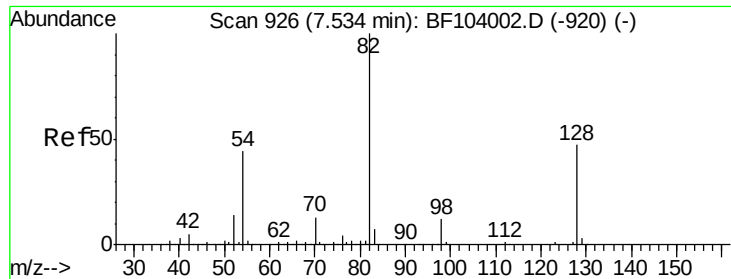
Lab File: BF104231.D

Acq: 4 Apr 2018 17:55

Tgt Ion: 136 Resp: 494687

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.5	6.6	9.8#
68	5.5	5.0	7.4





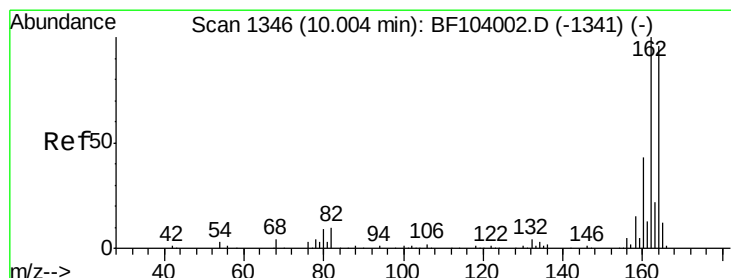
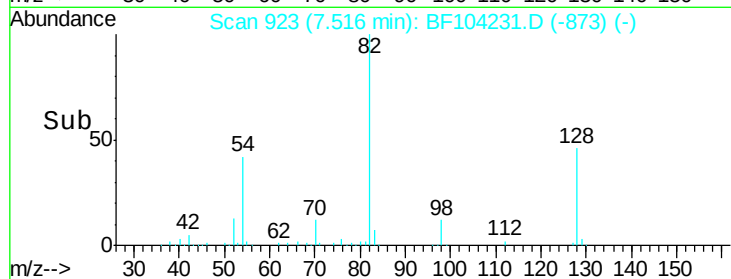
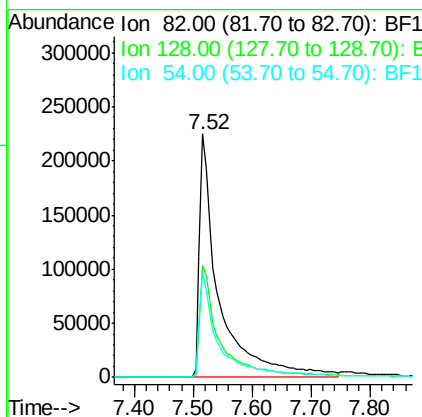
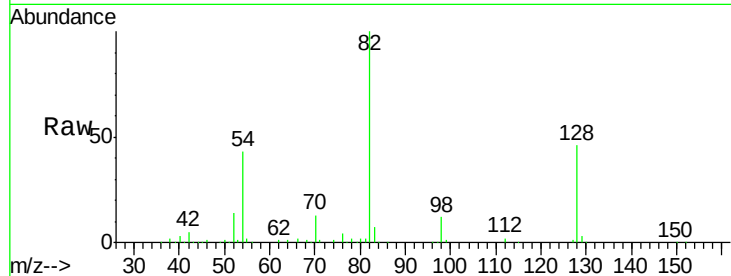
#23
Nitrobenzene-d5
Concen: 63.682 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF104231.D
Acq: 4 Apr 2018 17:55

Instrument :
BNA_F
ClientSampleId :
LOWER-CONCRETE-SLAB-1

Tot Ion	82	Resp	515125
Ion Ratio	100	Lower	Upper
82	100		
128	46.0	36.1	54.1
54	42.6	41.4	62.2

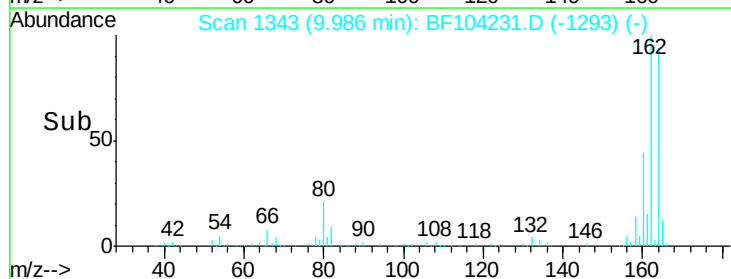
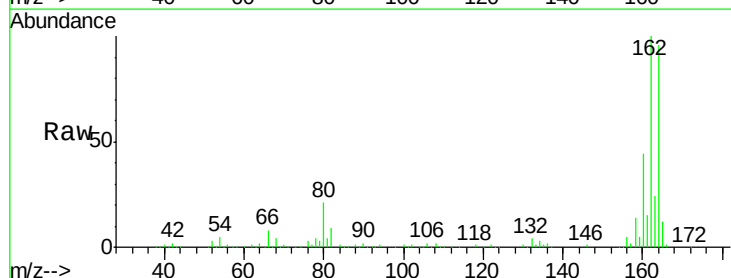
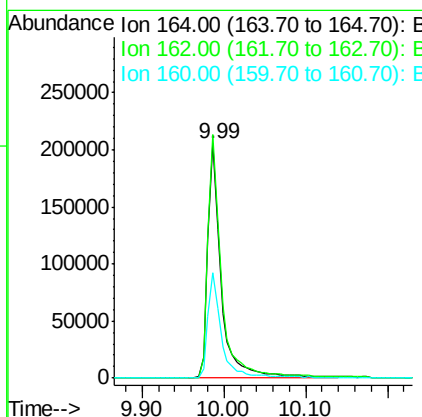
Manual Integrations
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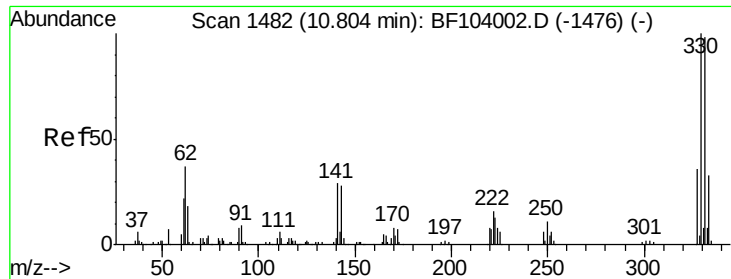
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF104231.D
Acq: 4 Apr 2018 17:55

Tgt Ion	164	Resp	237743
Ion Ratio	100	Lower	Upper
164	100		
162	103.9	86.1	129.1
160	45.2	38.3	57.5





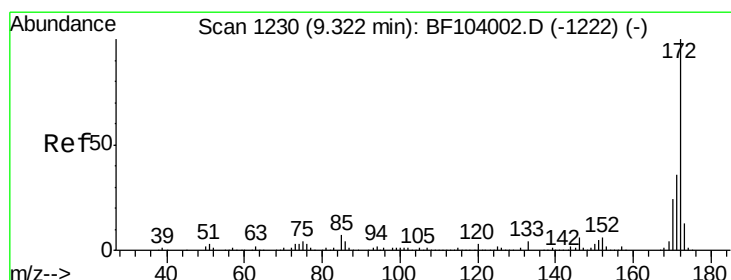
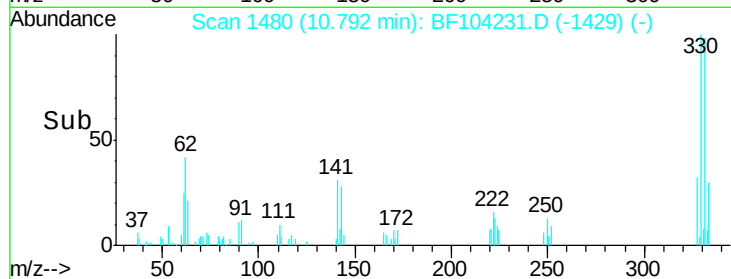
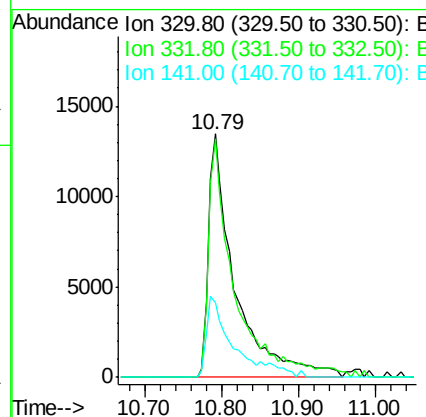
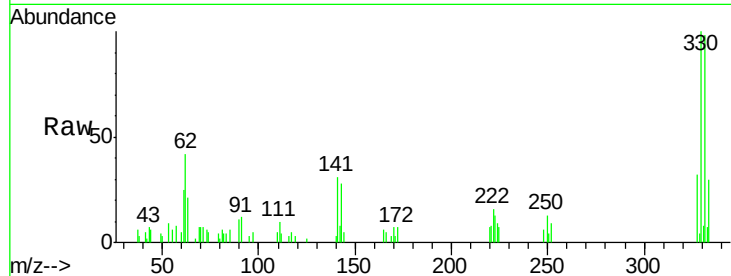
#41
 2,4,6-Tribromophenol
 Concen: 12.092 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: BF104231.D
 Acq: 4 Apr 2018 17:55

Instrument :
 BNA_F
 ClientSampleId :
 LOWER-CONCRETE-SLAB-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.1	77.0	115.6
141	28.6	29.9	44.9

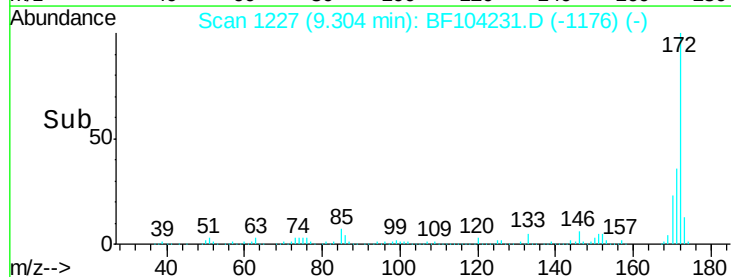
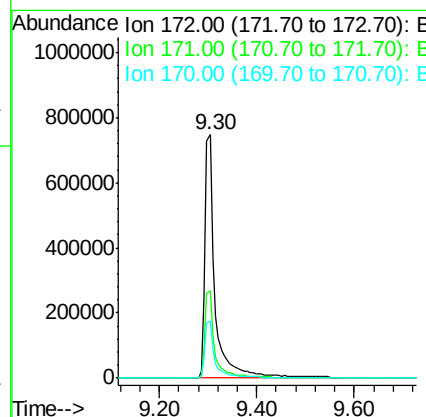
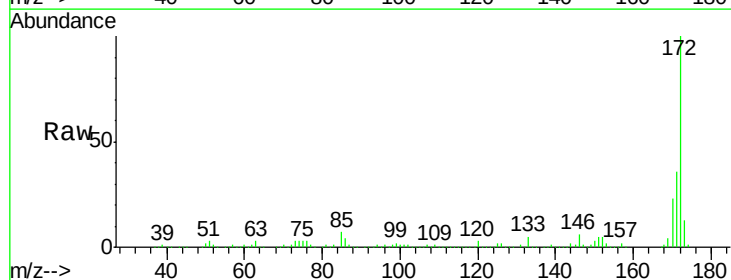
Manual Integrations
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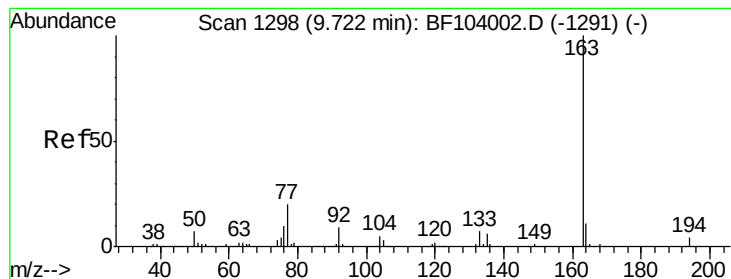
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 4/5/2018 4:38:52 PM



#44
 2-Fluorobiphenyl
 Concen: 72.047 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: BF104231.D
 Acq: 4 Apr 2018 17:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.2	19.6	29.4





#49

Dimethylphthalate

Concen: 5.520 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF104231.D

Acq: 4 Apr 2018 17:55

Instrument :

BNA_F

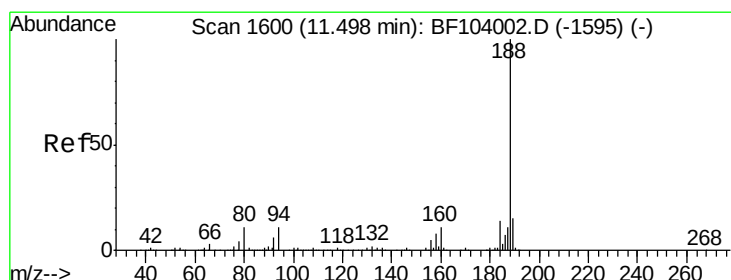
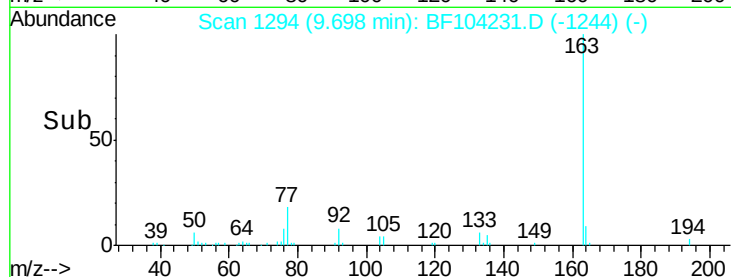
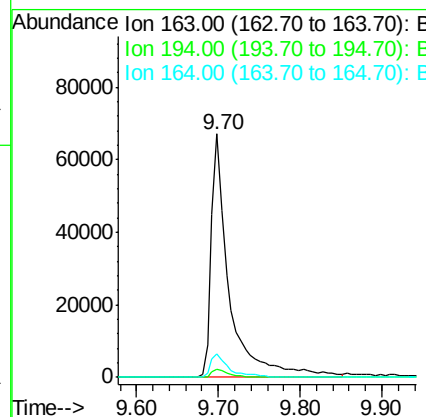
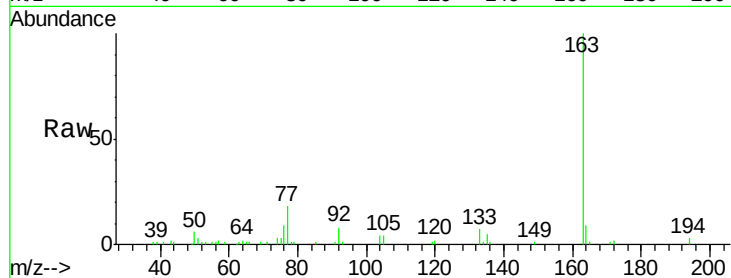
ClientSampleId :

LOWER-CONCRETE-SLAB-1

Tot Ion:	163	Resp:	103610
Ion Ratio	Lower	Upper	
163	100		
194	3.4	2.7	4.1
164	9.5	8.2	12.2

Manual Integrations
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#63

Phenanthrene-d10

Concen: 20.000 ng

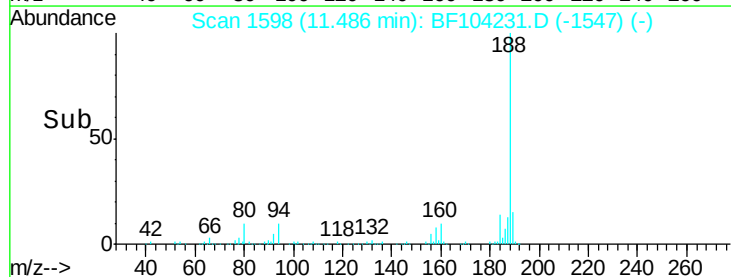
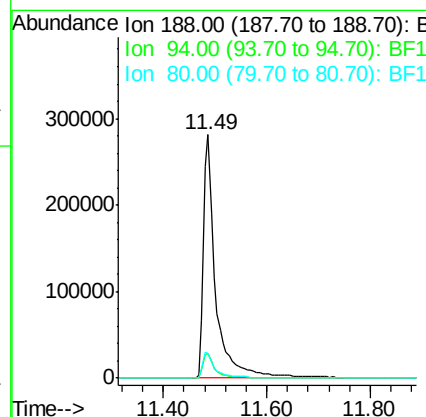
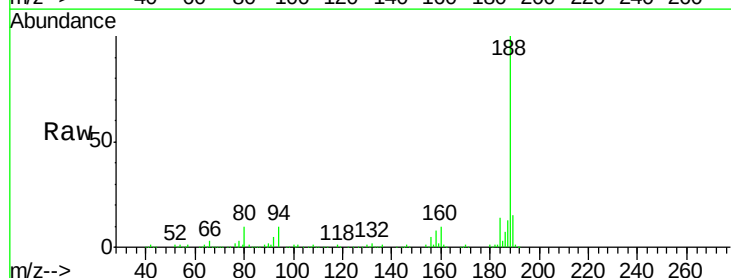
RT: 11.49 min Scan# 1598

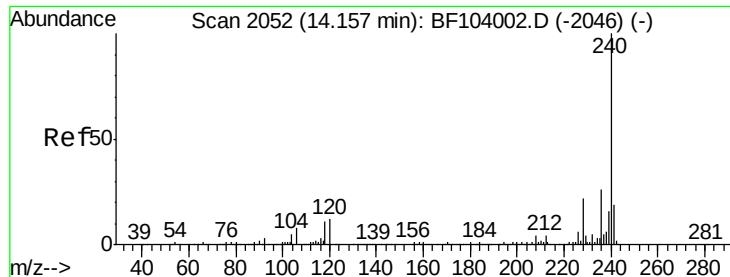
Delta R.T. 0.00 min

Lab File: BF104231.D

Acq: 4 Apr 2018 17:55

Tgt Ion:	188	Resp:	461238
Ion Ratio	Lower	Upper	
188	100		
94	10.1	8.5	12.7
80	10.3	9.2	13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BF104231.D

Acq: 4 Apr 2018 17:55

Instrument :

BNA_F

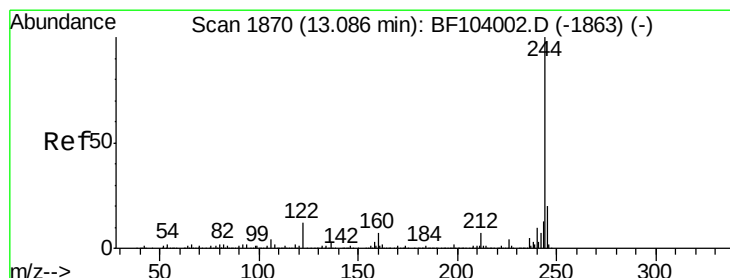
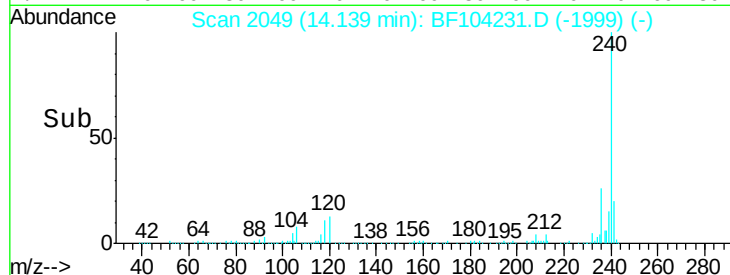
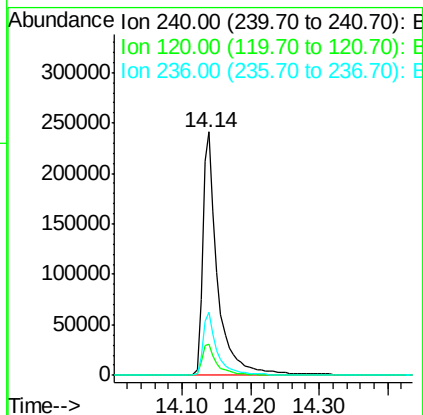
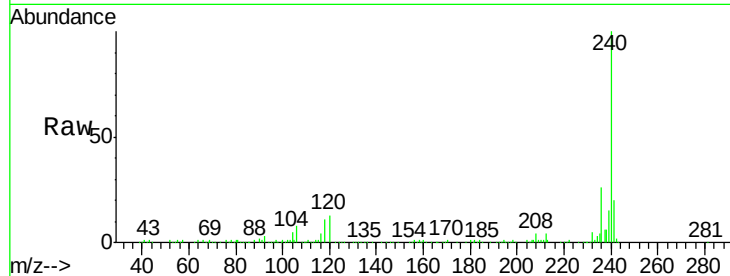
ClientSampleId :

LOWER-CONCRETE-SLAB-1

Tot Ion:	240	Resp:	370606
Ion Ratio	Lower	Upper	
240	100		
120	12.6	9.5	14.3
236	25.8	20.7	31.1

Manual Integrations
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#78

Terphenyl-d14

Concen: 71.162 ng

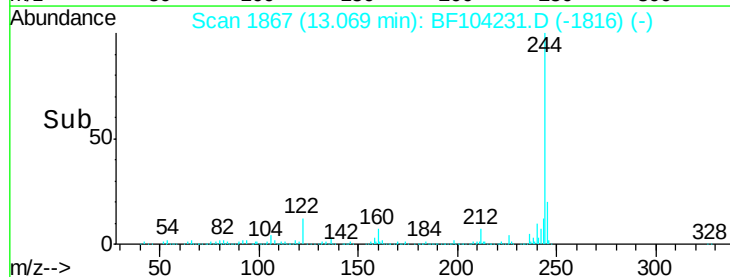
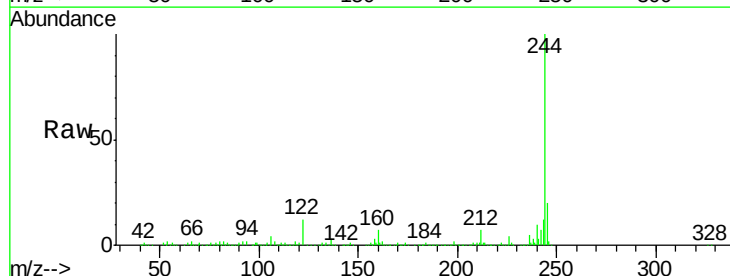
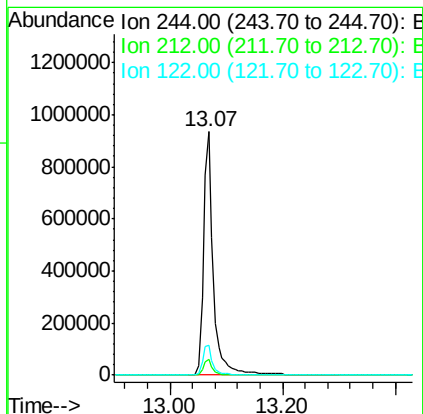
RT: 13.07 min Scan# 1867

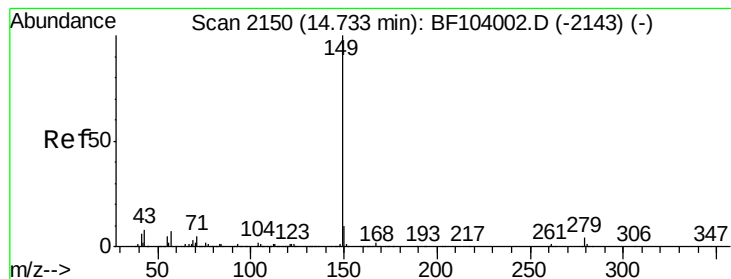
Delta R.T. 0.00 min

Lab File: BF104231.D

Acq: 4 Apr 2018 17:55

Tgt Ion:	244	Resp:	1142207
Ion Ratio	Lower	Upper	
244	100		
212	6.6	5.4	8.0
122	12.1	11.0	16.4





#84

Di-n-octyl phthalate

Concen: 3.103 ng

RT: 14.73 min Scan# 2150

Delta R.T. 0.03 min

Lab File: BF104231.D

Acq: 4 Apr 2018 17:55

Instrument :

BNA_F

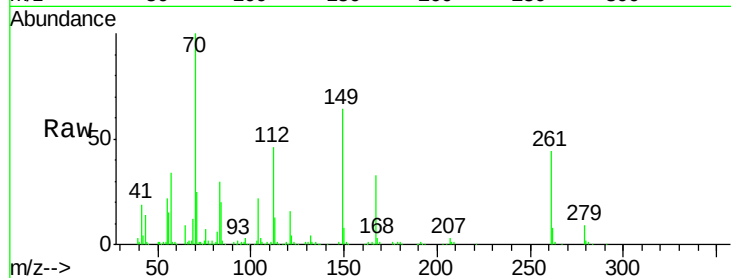
ClientSampleId :

LOWER-CONCRETE-SLAB-1

Tot Ion	Ratio	Lower	Upper
149	100		
167	53.6	1.2	1.8#
43	19.6	8.4	12.6#

Manual Integrations
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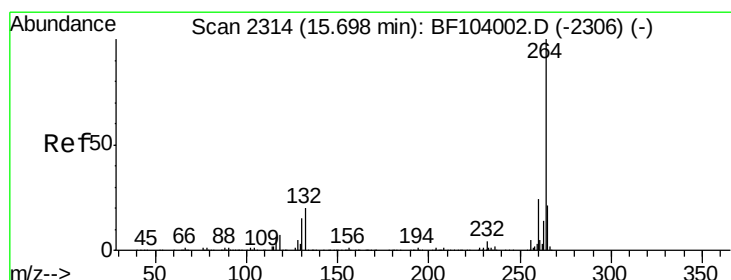
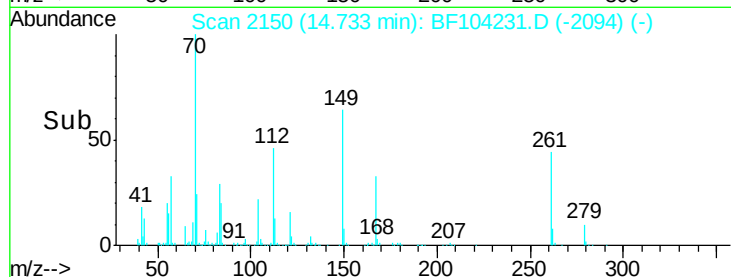
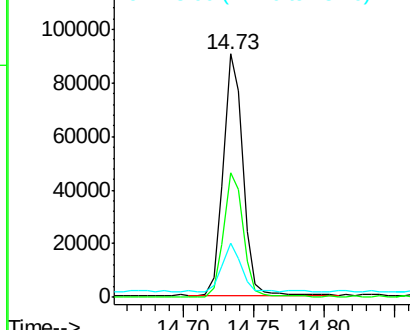


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2310

Delta R.T. -0.01 min

Lab File: BF104231.D

Acq: 4 Apr 2018 17:55

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.0	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

