

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
 Data File : BF104237.D
 Acq On : 4 Apr 2018 20:34
 Operator : JU/SJ
 Sample : J2166-01 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-040318

Manual Integrations
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Sohil
 4/5/2018 4:39:05 PM

Quant Time: Apr 05 09:25:24 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	6.95	152	112513	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	500929	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	222289	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	356875	20.00	ng	0.00
75) Chrysene-d12	14.14	240	245024	20.00	ng	0.00
86) Perylene-d12	15.67	264	216250	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	385206m	54.60	ng	0.00
7) Phenol-d6	6.59	99	488830	56.32	ng	-0.01
23) Nitrobenzene-d5	7.52	82	272569	33.28	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	114449	46.24	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	557527	39.55	ng	0.00
78) Terphenyl-d14	13.06	244	401114	37.80	ng	0.00
Target Compounds						
31) Naphthalene	8.26	128	64457	2.634	ng	98
49) Dimethylphthalate	9.70	163	42410	2.416	ng	98

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

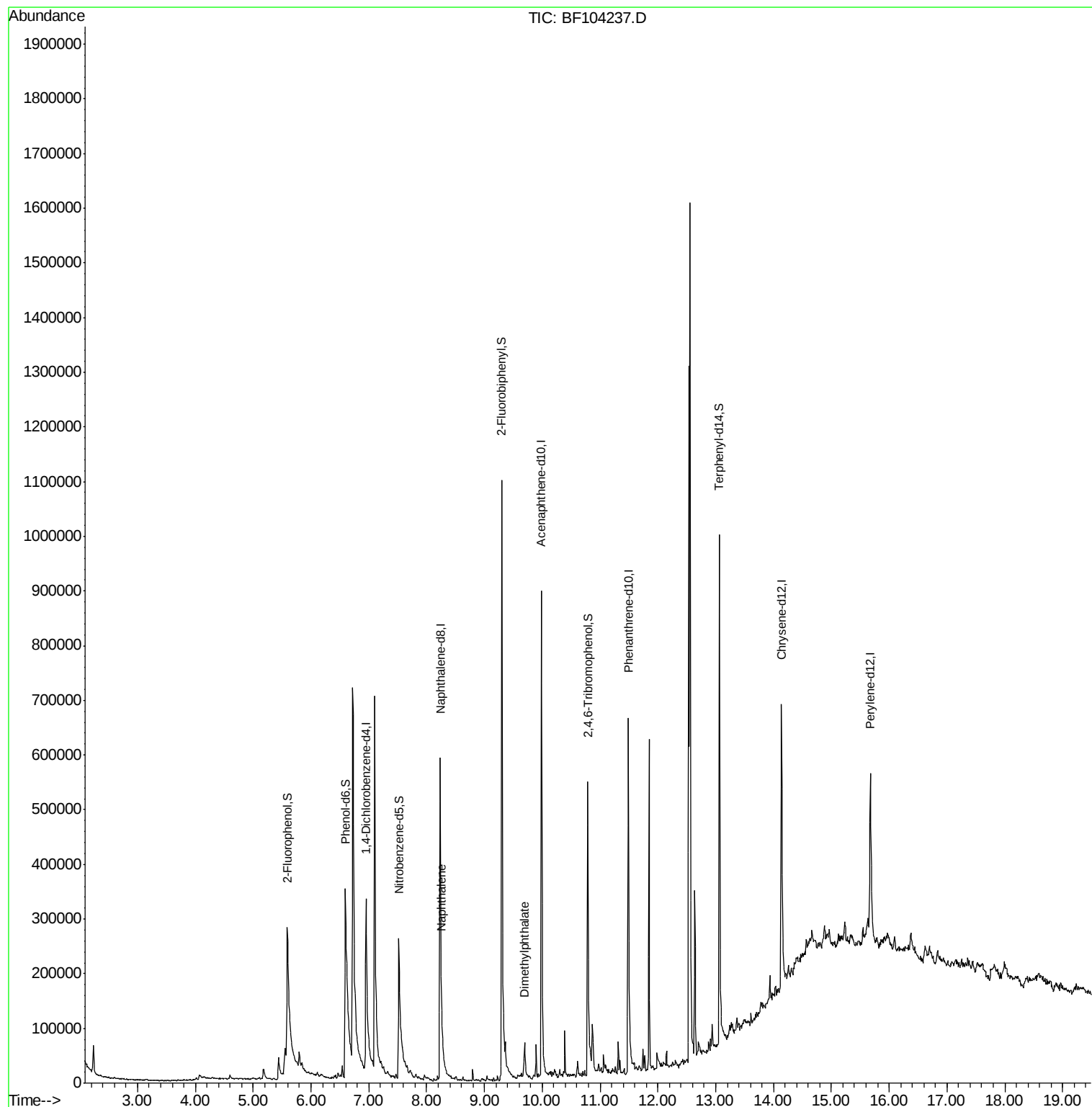
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
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ALS Vial : 15 Sample Multiplier: 1

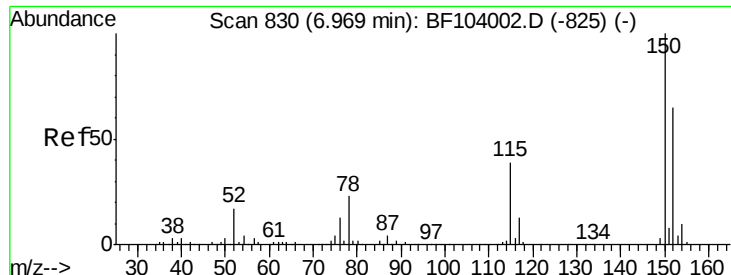
Instrument :
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#1

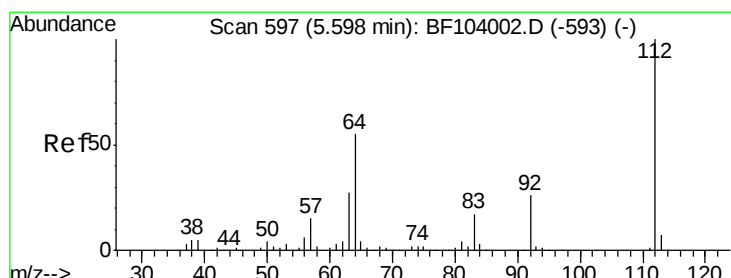
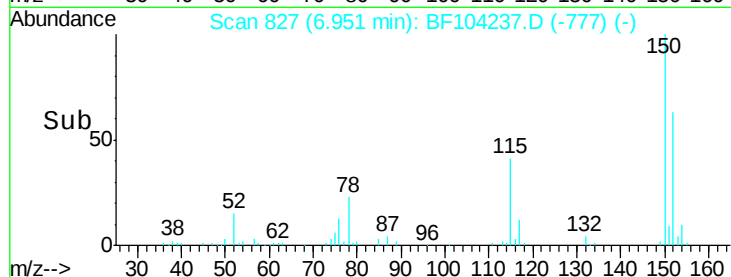
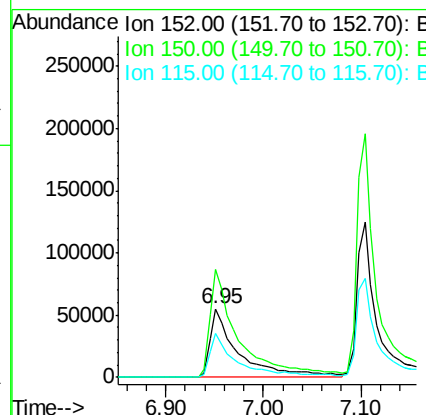
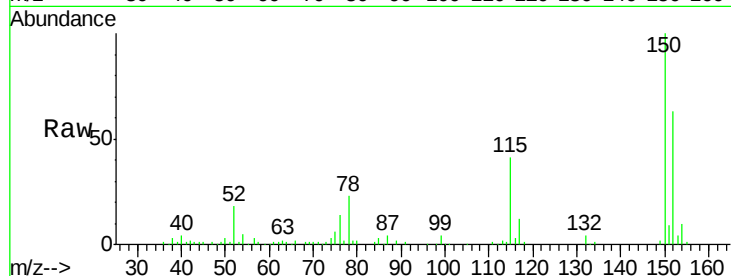
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF104237.D
Acq: 4 Apr 2018 20:34

Instrument :
BNA_F
ClientSampleId :
TR-05-040318

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.6	186.8
115	64.7	50.1	75.1

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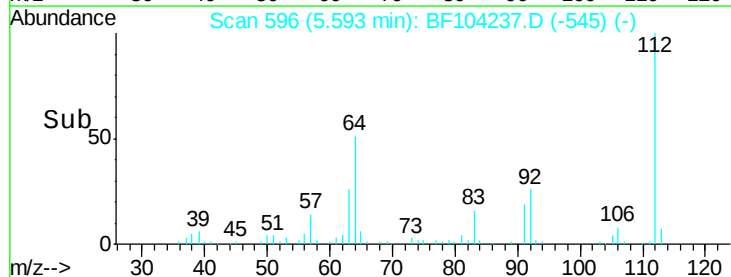
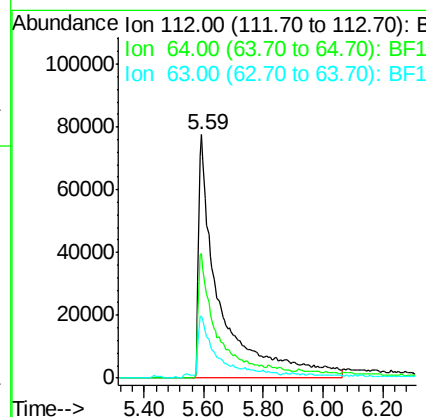
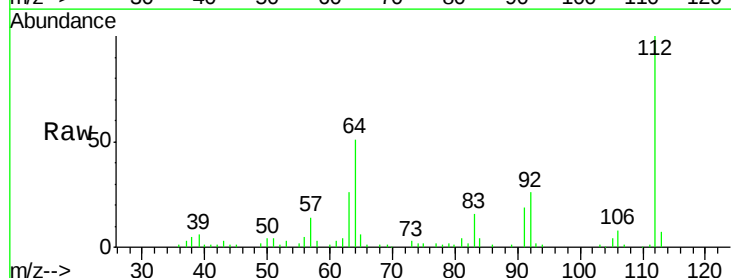
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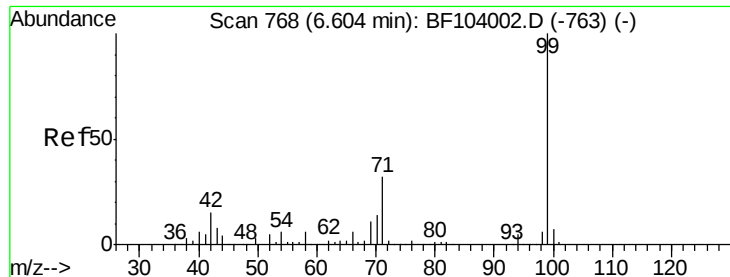


#5

2-Fluorophenol
Concen: 54.599 ng m
RT: 5.59 min Scan# 596
Delta R.T. -0.00 min
Lab File: BF104237.D
Acq: 4 Apr 2018 20:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.4	47.9	71.9
63	25.6	23.7	35.5





#7

Phenol-d6

Concen: 56.316 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF104237.D

Acq: 4 Apr 2018 20:34

Instrument :

BNA_F

ClientSampleId :

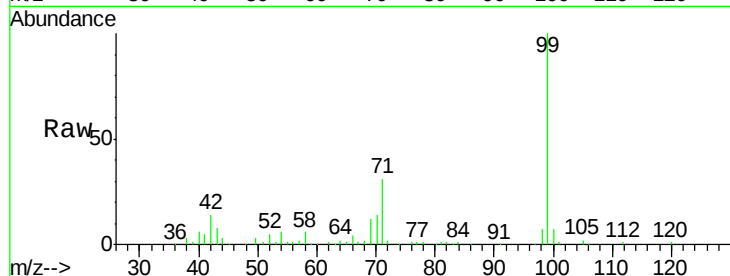
TR-05-040318

Tot Ion: 99 Resp: 488830

Ion	Ratio	Lower	Upper
99	100		
42	14.2	14.5	21.7#
71	30.9	25.4	38.0

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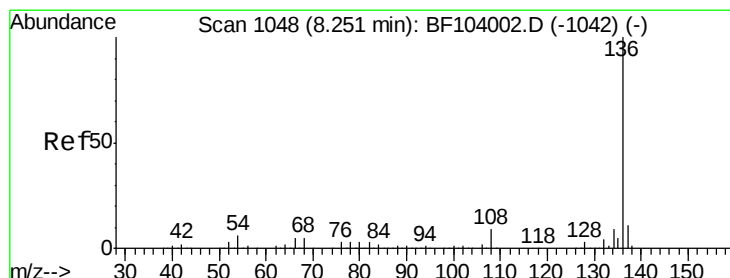
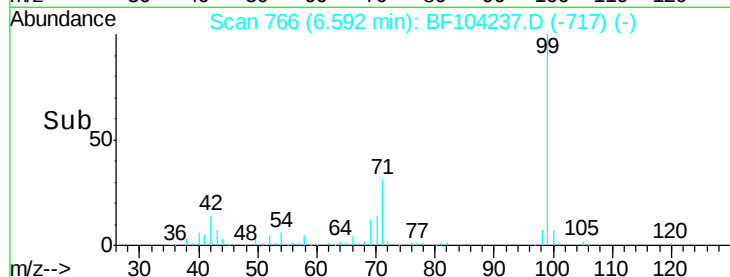
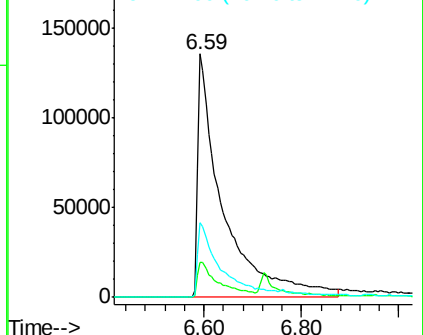
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.23 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BF104237.D

Acq: 4 Apr 2018 20:34

Tgt Ion: 136 Resp: 500929

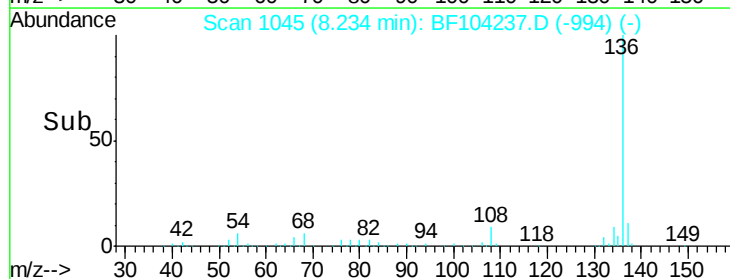
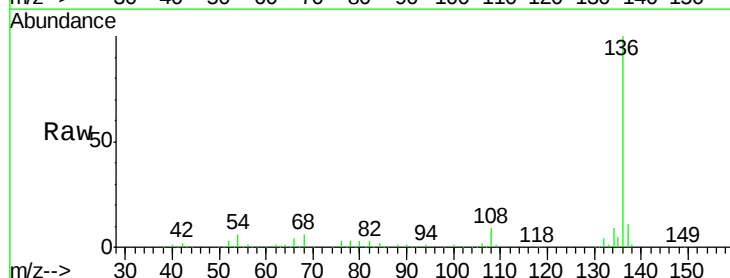
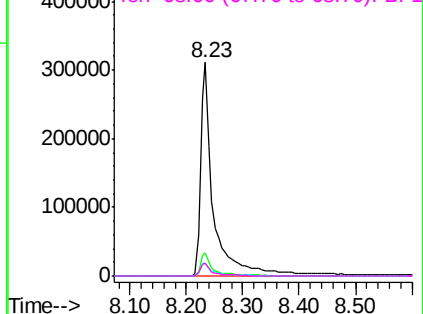
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	6.2	6.6	9.8#
68	5.8	5.0	7.4

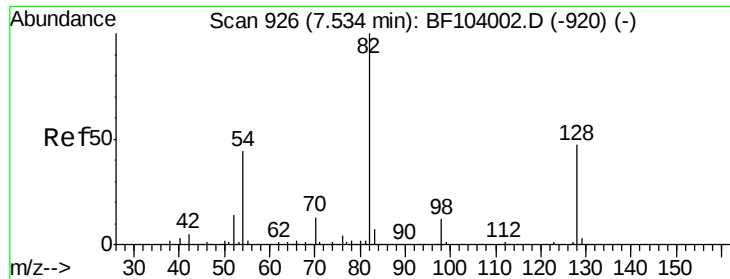
Abundance Ion 136.00 (135.70 to 136.70): E

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





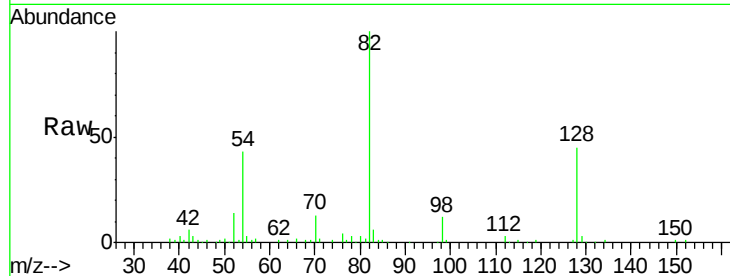
#23
Nitrobenzene-d5
Concen: 33.276 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF104237.D
Acq: 4 Apr 2018 20:34

Instrument :
BNA_F
ClientSampleId :
TR-05-040318

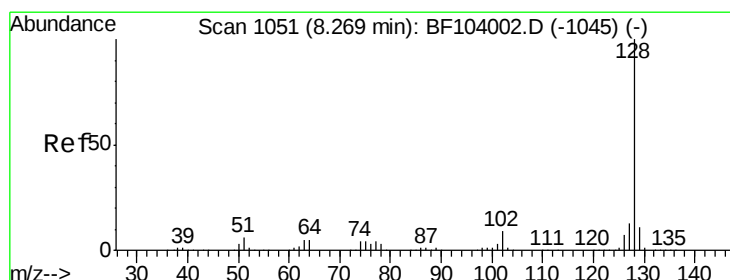
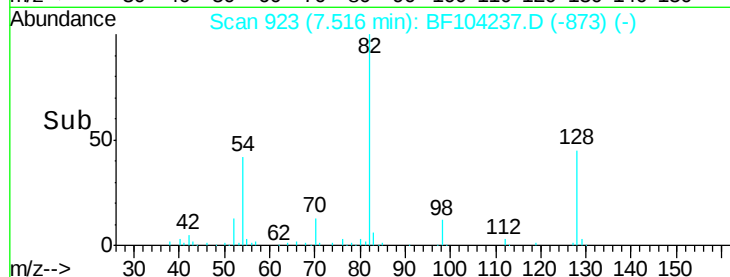
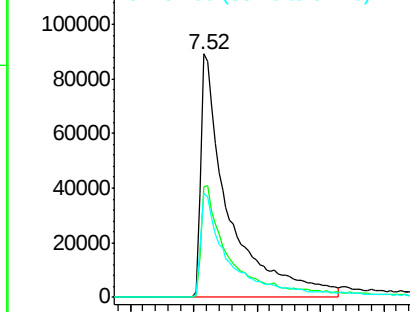
Tot Ion	82	Resp	272569
Ion Ratio	100	Lower	Upper
128	45.5	36.1	54.1
54	42.6	41.4	62.2

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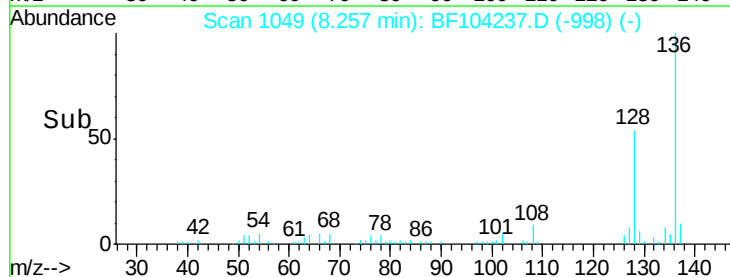
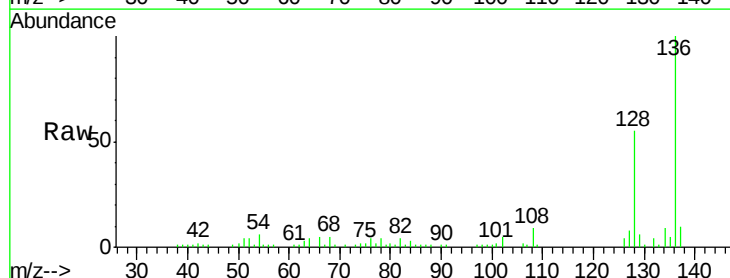
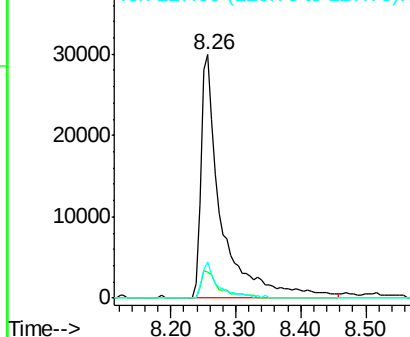
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

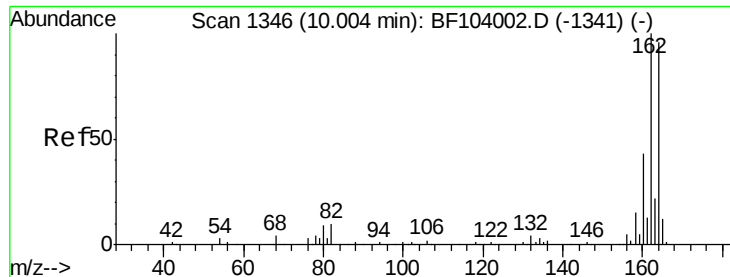


#31
Naphthalene
Concen: 2.634 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BF104237.D
Acq: 4 Apr 2018 20:34

Tgt Ion	128	Resp	64457
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
129	10.5	8.8	13.2
127	14.9	10.9	16.3

Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





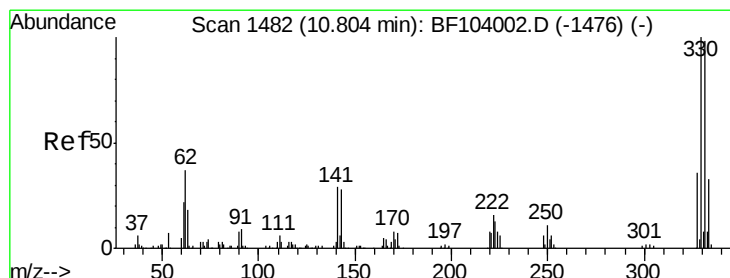
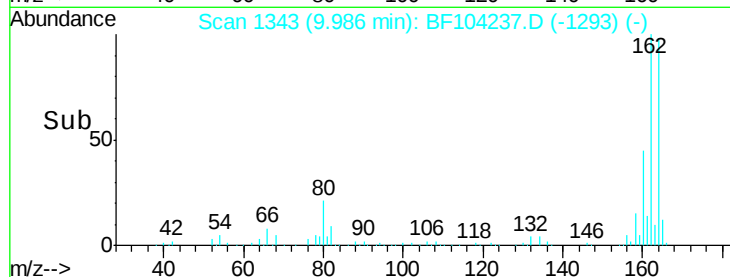
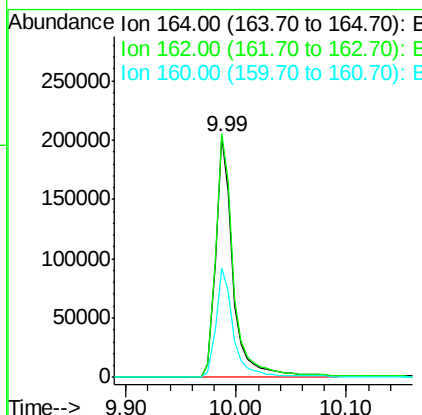
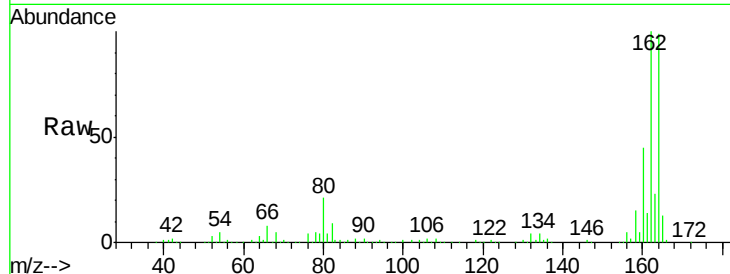
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF104237.D
Acq: 4 Apr 2018 20:34

Instrument :
BNA_F
ClientSampleId :
TR-05-040318

Tot Ion	Ratio	Resp	Lower	Upper
164	100	222289		
162	101.1	86.1	129.1	
160	45.6	38.3	57.5	

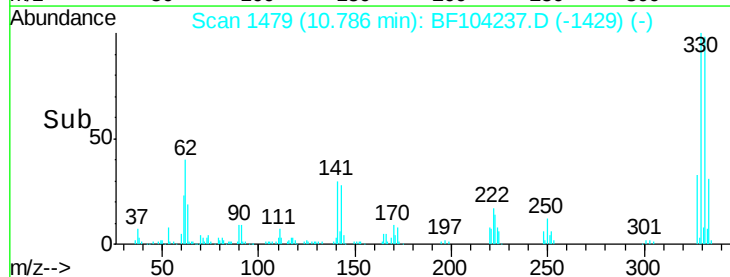
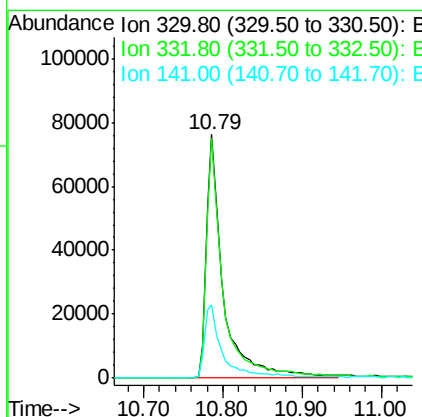
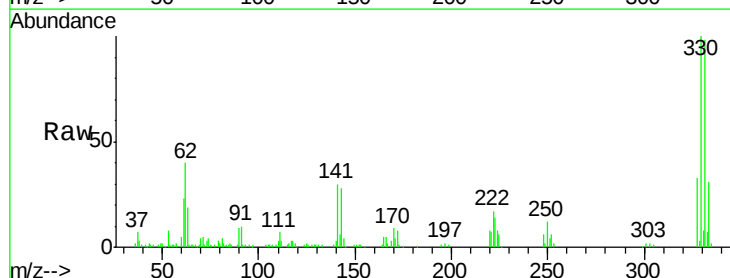
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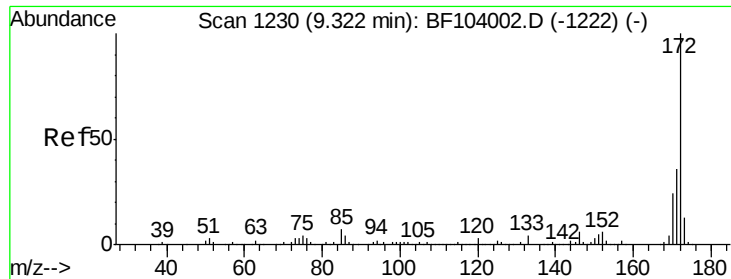
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#41
2,4,6-Tribromophenol
Concen: 46.238 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF104237.D
Acq: 4 Apr 2018 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	114449		
332	96.0	77.0	115.6	
141	30.8	29.9	44.9	





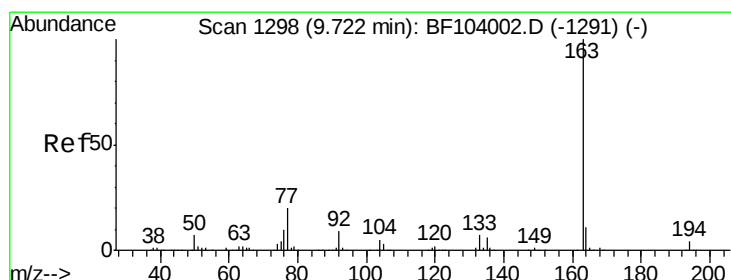
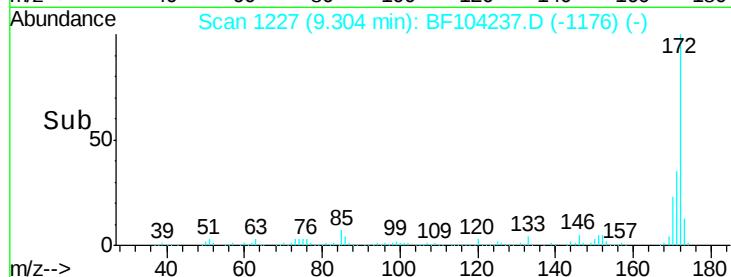
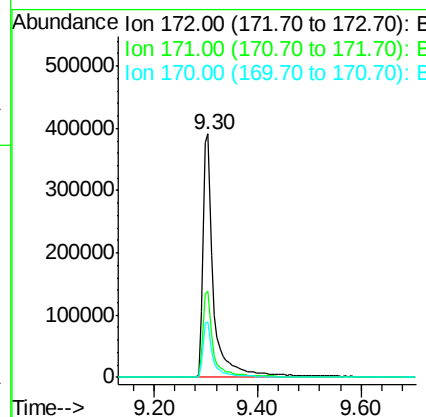
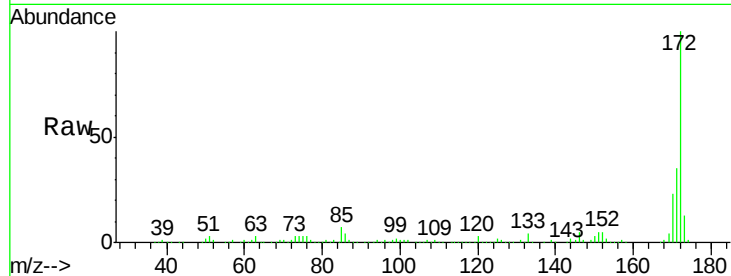
#44
2-Fluorobiphenyl
Concen: 39.551 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.00 min
Lab File: BF104237.D
Acq: 4 Apr 2018 20:34

Instrument :
BNA_F
ClientSampleId :
TR-05-040318

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.7	44.5
170	23.0	19.6	29.4

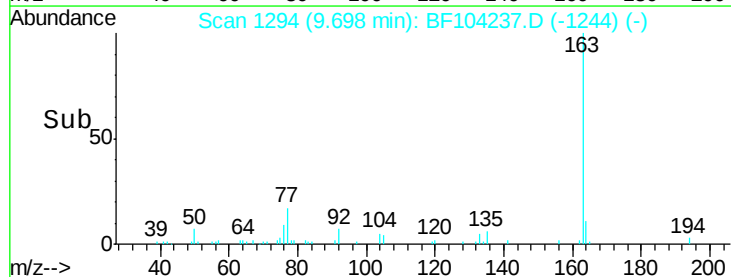
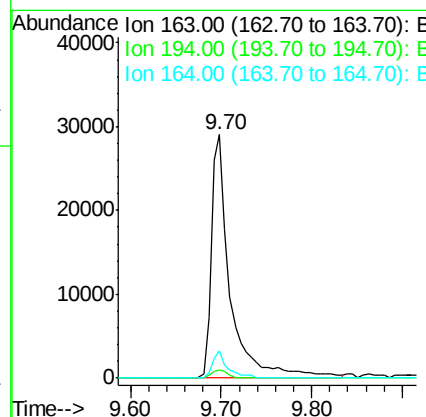
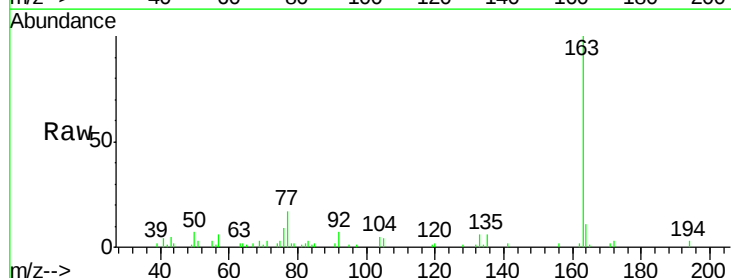
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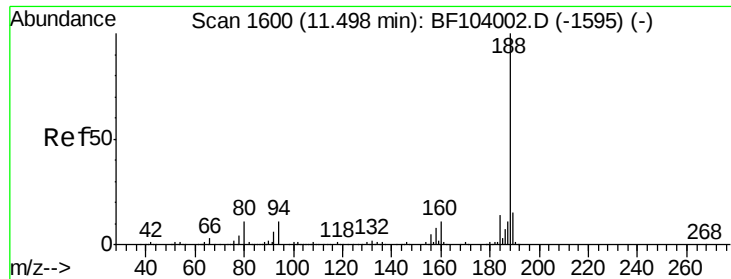
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#49
Dimethylphthalate
Concen: 2.416 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF104237.D
Acq: 4 Apr 2018 20:34

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	11.2	8.2	12.2





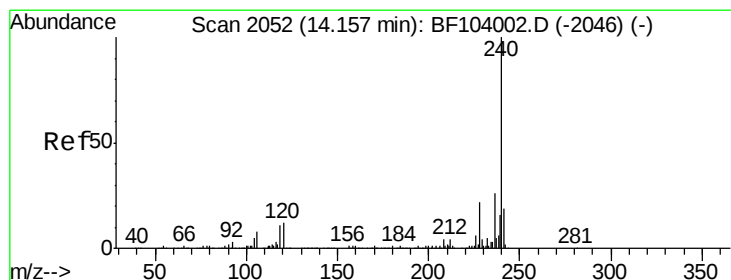
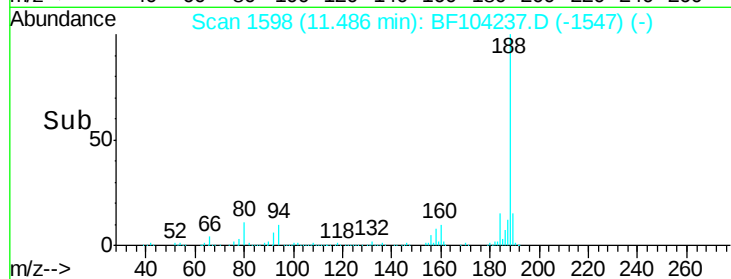
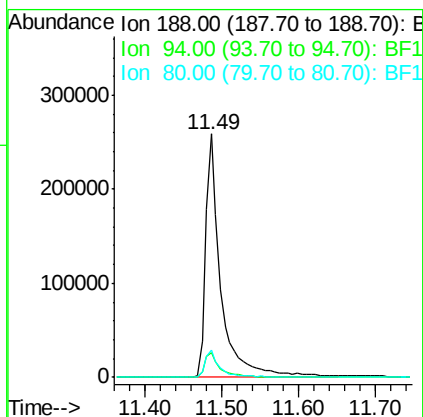
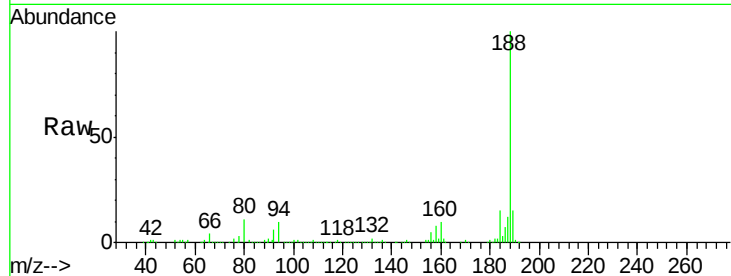
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.00 min
Lab File: BF104237.D
Acq: 4 Apr 2018 20:34

Instrument :
BNA_F
ClientSampleId :
TR-05-040318

Tot Ion	Ratio	Resp	Lower	Upper
188	100	356875		
94	10.2		8.5	12.7
80	11.2		9.2	13.8

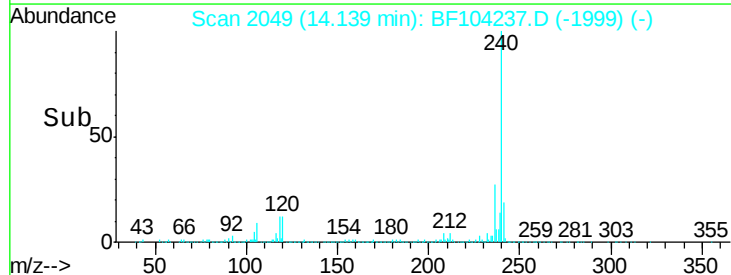
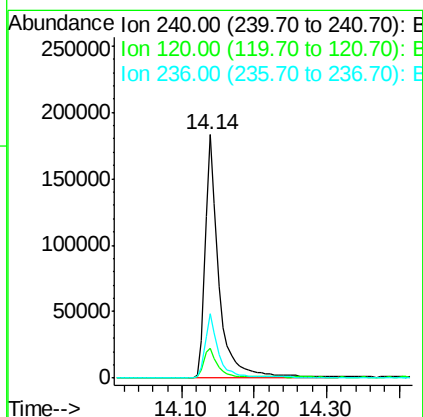
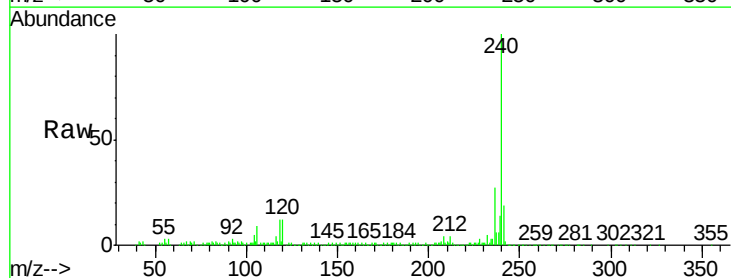
Manual Integrations
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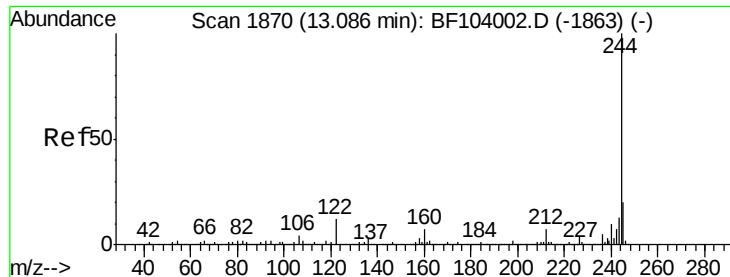
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BF104237.D
Acq: 4 Apr 2018 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	245024		
120	12.4		9.5	14.3
236	26.5		20.7	31.1





#78

Terphenyl-d14

Concen: 37.798 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF104237.D

Acq: 4 Apr 2018 20:34

Instrument :

BNA_F

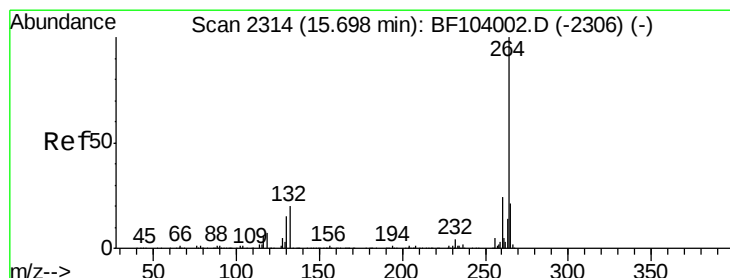
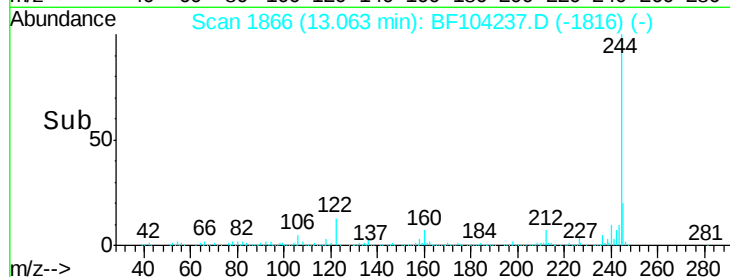
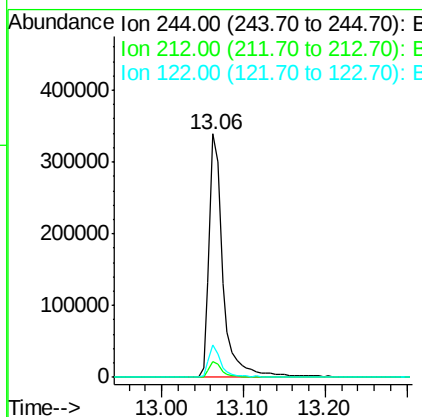
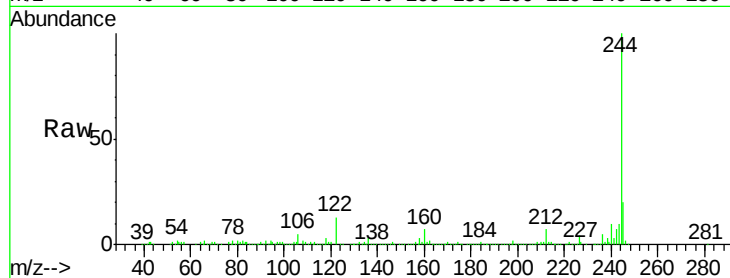
ClientSampleId :

TR-05-040318

Tot Ion:	244	Resp:	401114
Ion Ratio	Lower	Upper	
244	100		
212	6.7	5.4	8.0
122	13.4	11.0	16.4

Manual Integrations
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#86

Perylene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2310

Delta R.T. -0.01 min

Lab File: BF104237.D

Acq: 4 Apr 2018 20:34

Tgt Ion:	264	Resp:	216250
Ion Ratio	Lower	Upper	
264	100		
260	23.0	19.2	28.8
265	22.0	17.5	26.3

