

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042618\
 Data File : BF104837.D
 Acq On : 26 Apr 2018 15:21
 Operator : JU/SJ
 Sample : J2525-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IM-TS-SJAP-04

Manual Integrations
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 4/27/2018 6:56:39 PM

Quant Time: Apr 27 09:31:09 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 25 14:01:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	122570	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	499649	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	212526	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	313898	20.00	ng	0.00
75) Chrysene-d12	13.98	240	243906	20.00	ng	0.00
86) Perylene-d12	15.44	264	253783	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	948479	118.32	ng	0.00
7) Phenol-d6	6.45	99	1136051	115.35	ng	0.00
23) Nitrobenzene-d5	7.37	82	736470	96.25	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	246079	111.62	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	986210	73.31	ng	0.00
78) Terphenyl-d14	12.92	244	599222	56.01	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.55	163	133992	7.995	ng	99
74) Fluoranthene	12.55	202	44956	2.461	ng	97
87) Benzo(b)fluoranthene	15.02	252	34550m	2.156	ng	

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

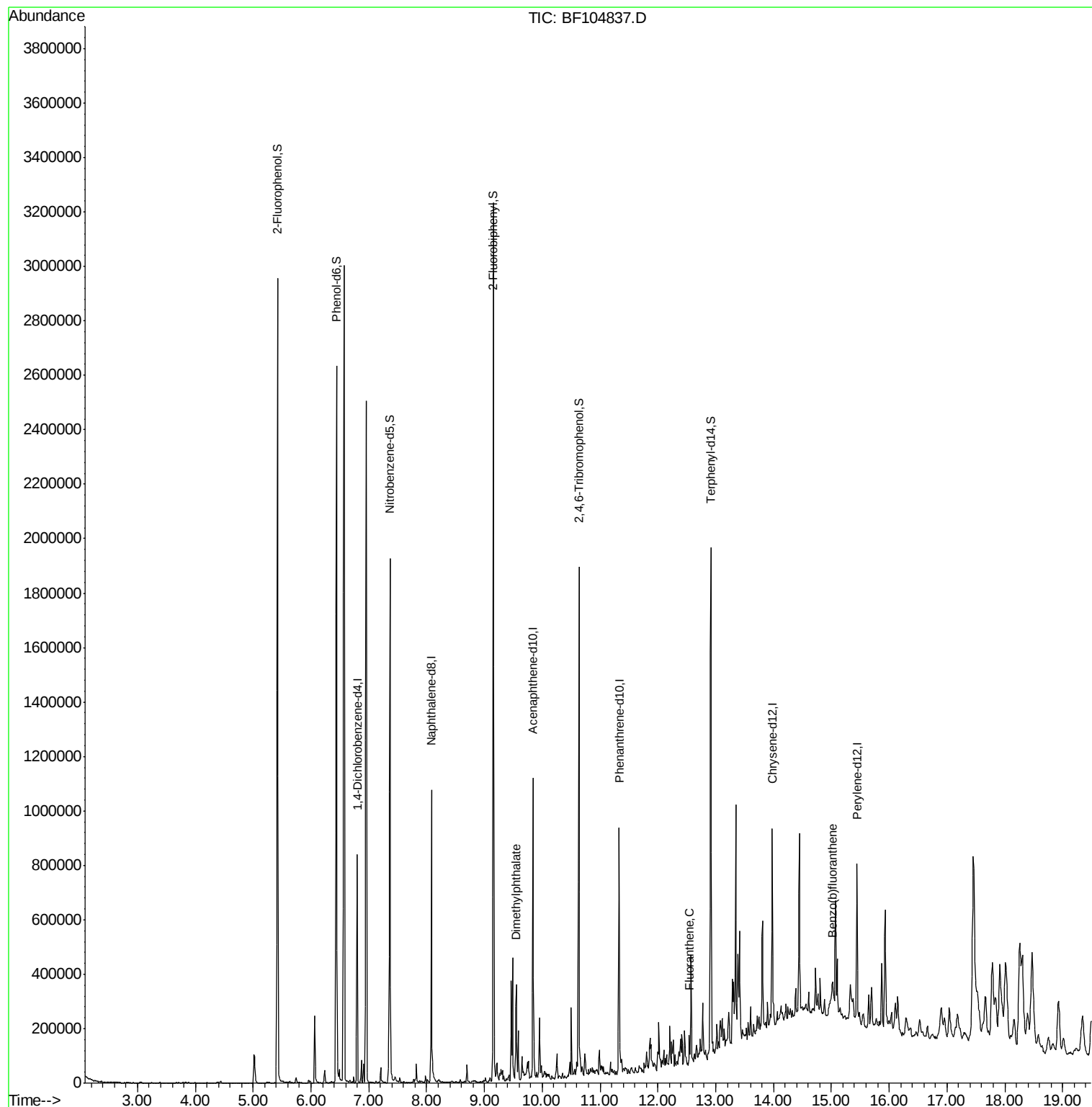
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042618\
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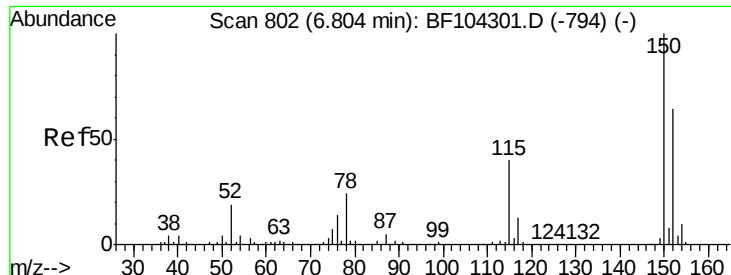
Instrument :
BNA_F
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IM-TS-SJAP-04

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#1

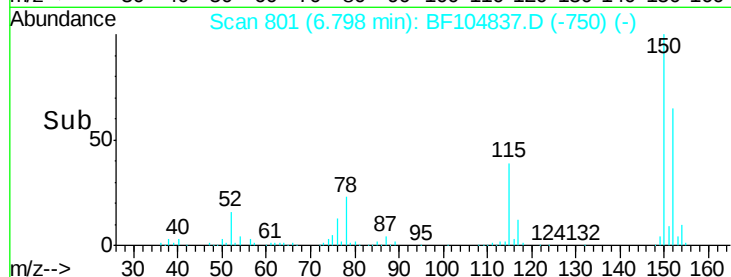
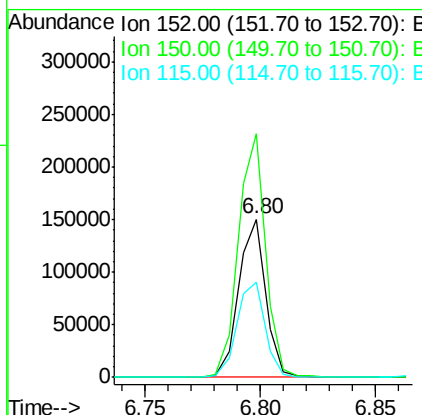
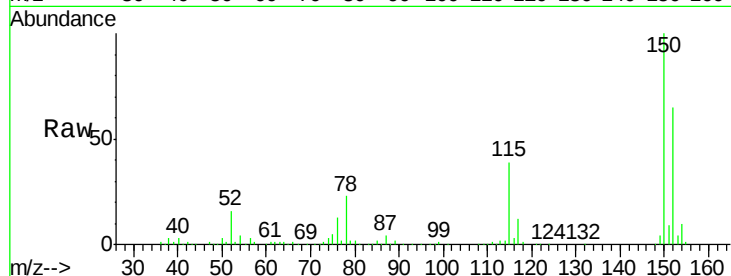
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF104837.D
Acq: 26 Apr 2018 15:21

Instrument :
BNA_F
ClientSampleId :
IM-TS-SJAP-04

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	124.6	186.8
115	60.0	50.1	75.1

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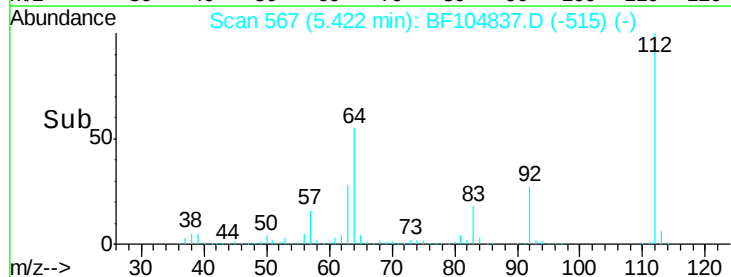
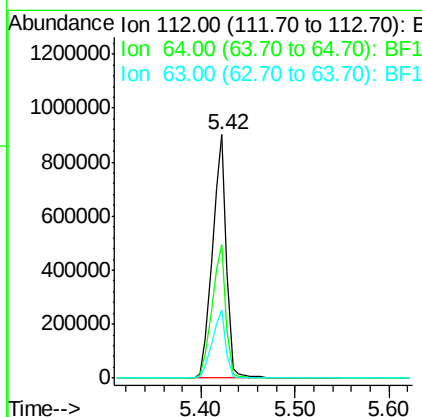
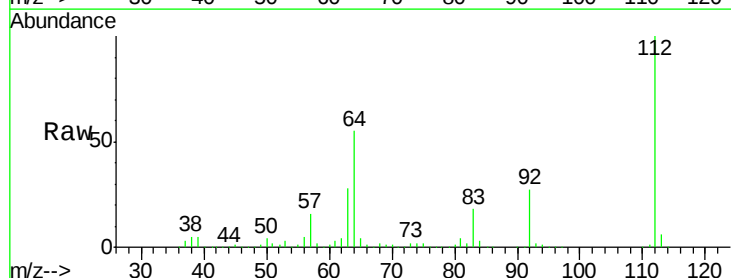
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#5

2-Fluorophenol
Concen: 118.322 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104837.D
Acq: 26 Apr 2018 15:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.8	47.9	71.9
63	28.0	23.7	35.5





#7

Phenol-d6

Concen: 115.345 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF104837.D

Acq: 26 Apr 2018 15:21

Instrument :

BNA_F

ClientSampleId :

IM-TS-SJAP-04

Tot Ion: 99 Resp: 1136051

Ion Ratio Lower Upper

99 100

42 15.1 14.5 21.7

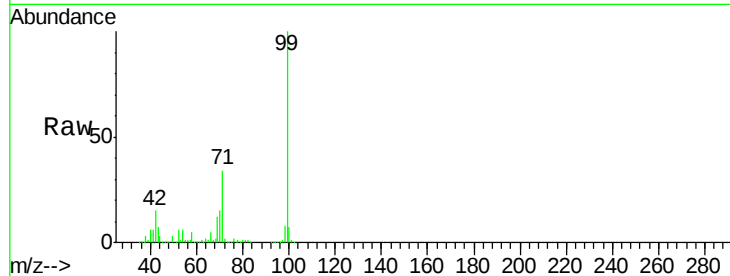
71 33.7 25.4 38.0

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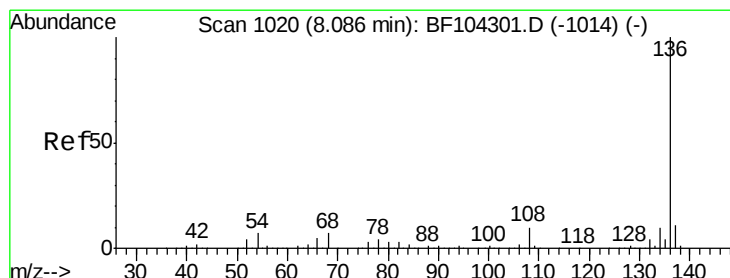
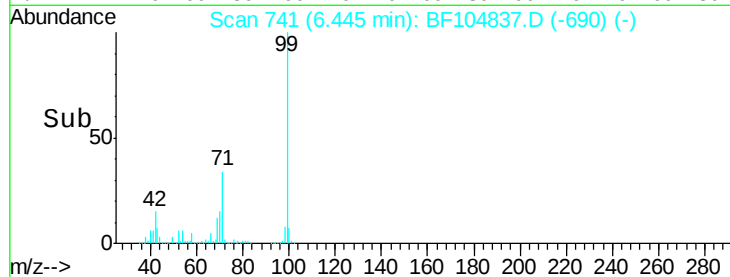
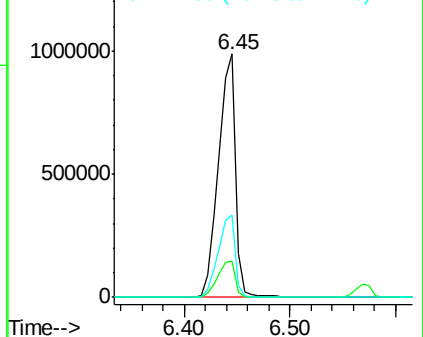
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Abundance Ion 99.00 (98.70 to 99.70): BF1

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: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF104837.D

Acq: 26 Apr 2018 15:21

Tgt Ion: 136 Resp: 499649

Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 6.7 6.6 9.8

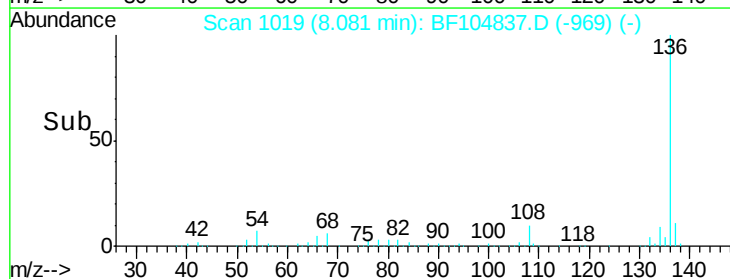
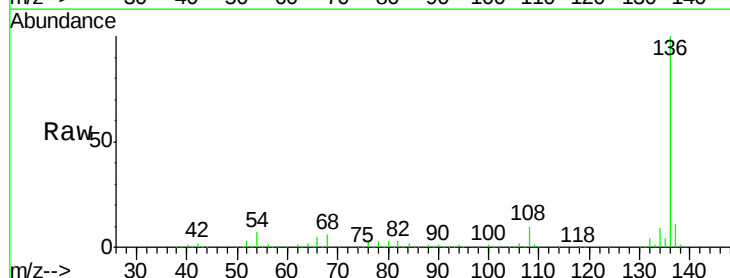
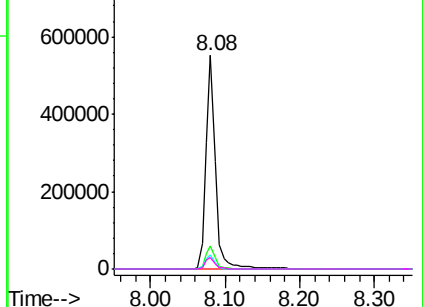
68 5.6 5.0 7.4

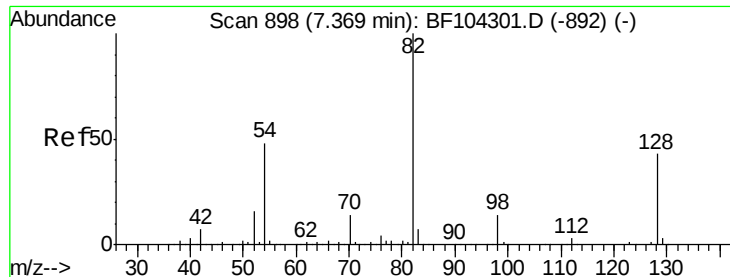
Abundance Ion 136.00 (135.70 to 136.70): E

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





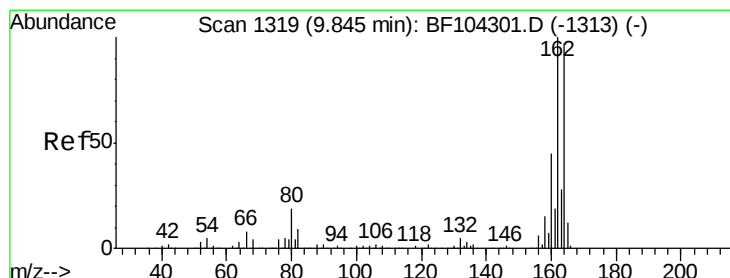
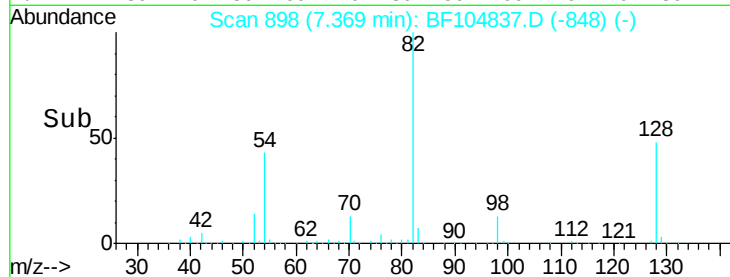
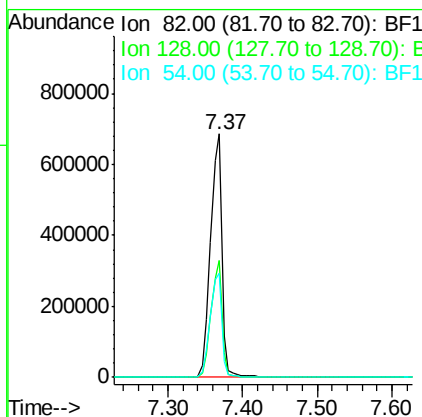
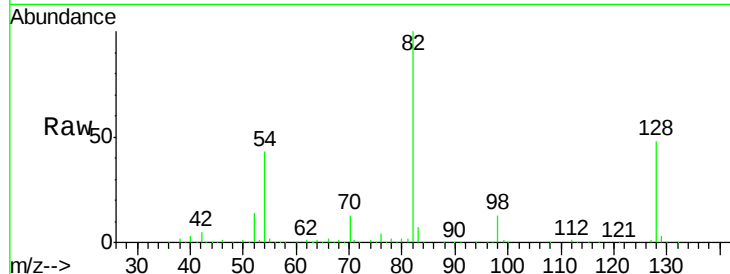
#23
 Nitrobenzene-d5
 Concen: 96.248 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF104837.D
 Acq: 26 Apr 2018 15:21

Instrument :
 BNA_F
 ClientSampleId :
 IM-TS-SJAP-04

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.9	36.1	54.1
54	42.6	41.4	62.2

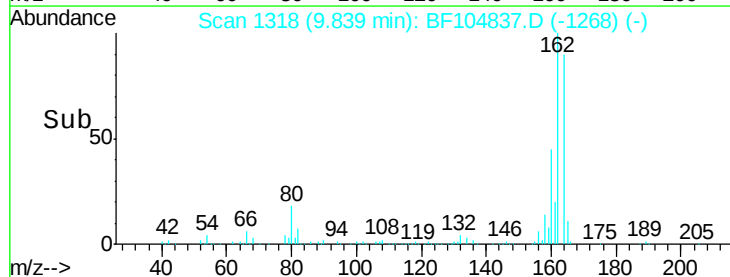
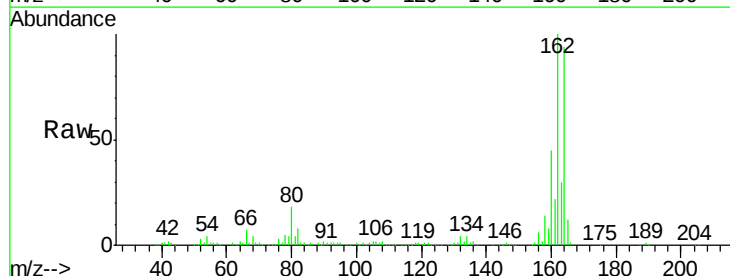
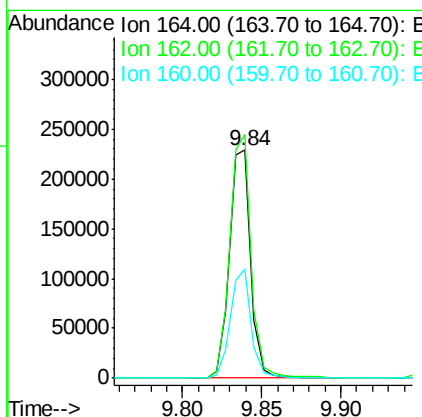
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF104837.D
 Acq: 26 Apr 2018 15:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.8	86.1	129.1
160	47.9	38.3	57.5





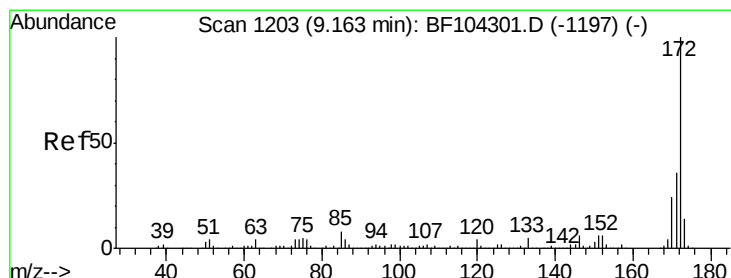
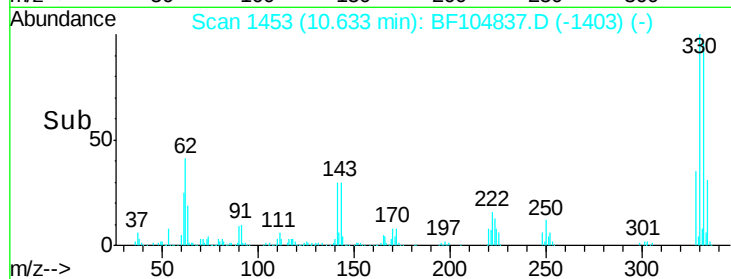
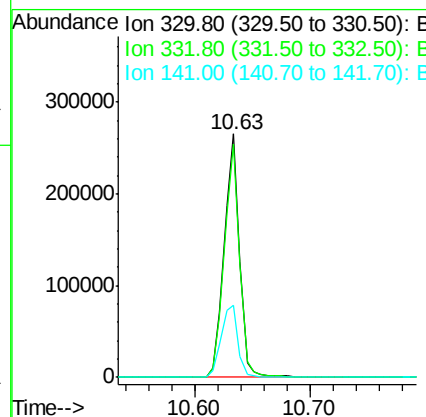
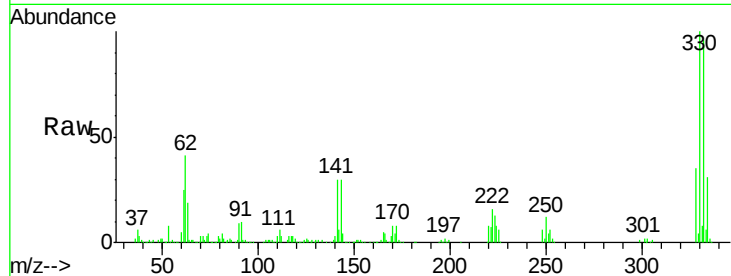
#41
 2,4,6-Tribromophenol
 Concen: 111.621 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF104837.D
 Acq: 26 Apr 2018 15:21

Instrument :
 BNA_F
 ClientSampleId :
 IM-TS-SJAP-04

Tot Ion	Ratio	Resp	Lower	Upper
330	100	246079		
332	96.0		77.0	115.6
141	32.8		29.9	44.9

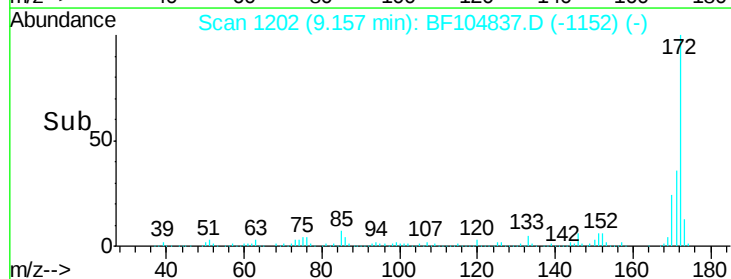
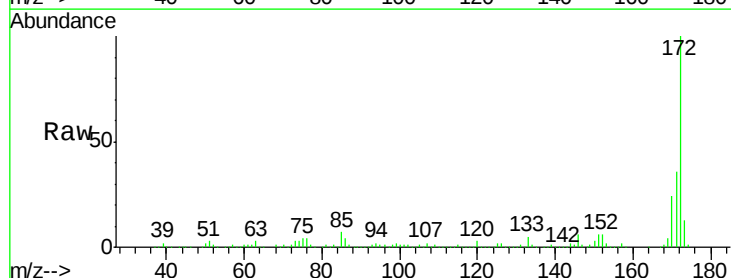
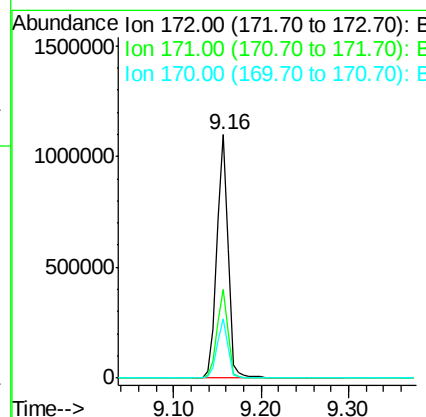
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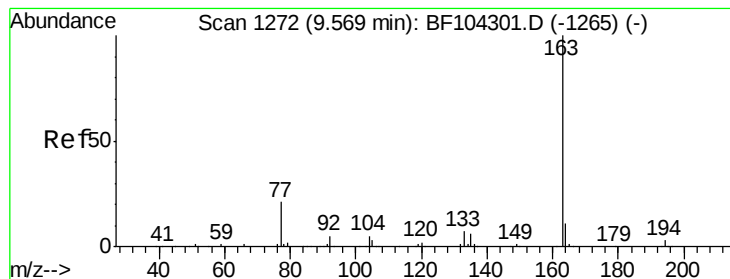
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#44
 2-Fluorobiphenyl
 Concen: 73.307 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF104837.D
 Acq: 26 Apr 2018 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	986210		
171	36.5		29.7	44.5
170	24.2		19.6	29.4





#49

Dimethylphthalate

Concen: 7.995 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.02 min

Lab File: BF104837.D

Acq: 26 Apr 2018 15:21

Instrument :

BNA_F

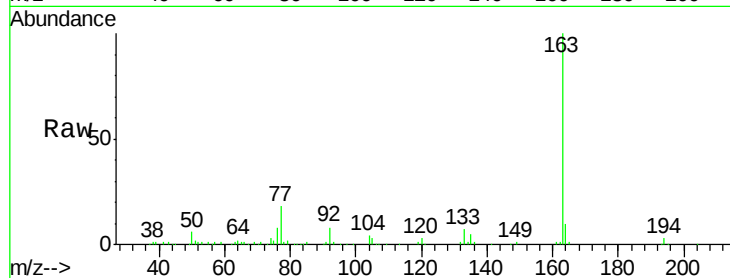
ClientSampleId :

IM-TS-SJAP-04

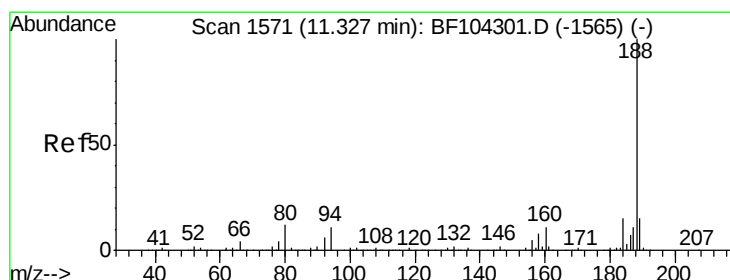
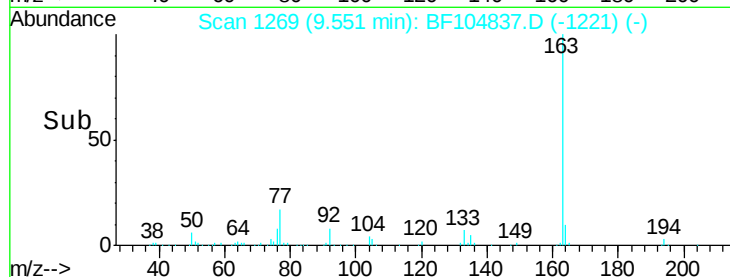
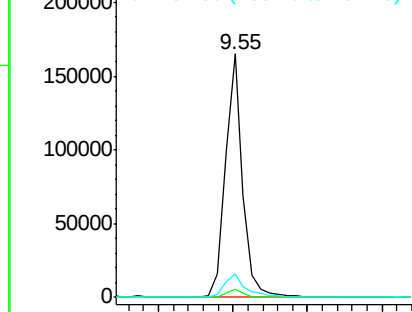
Tot Ion:	163	Resp:	133992
Ion Ratio	Lower	Upper	
163	100		
194	3.5	2.7	4.1
164	9.5	8.2	12.2

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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

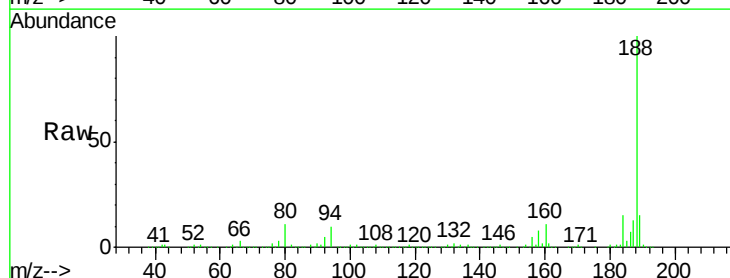
RT: 11.33 min Scan# 1571

Delta R.T. -0.01 min

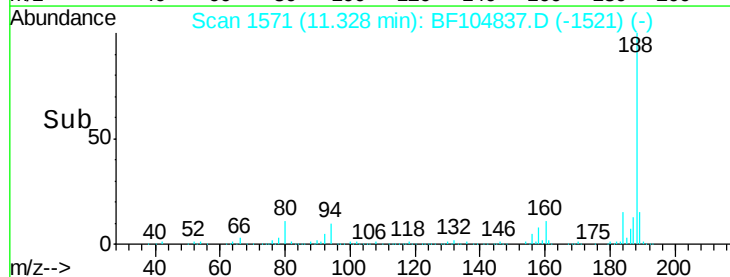
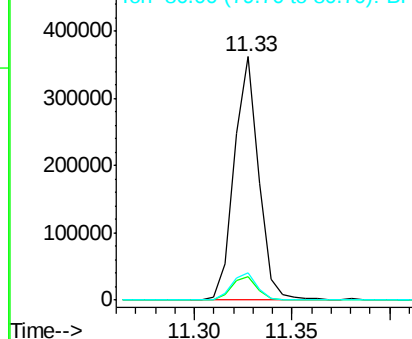
Lab File: BF104837.D

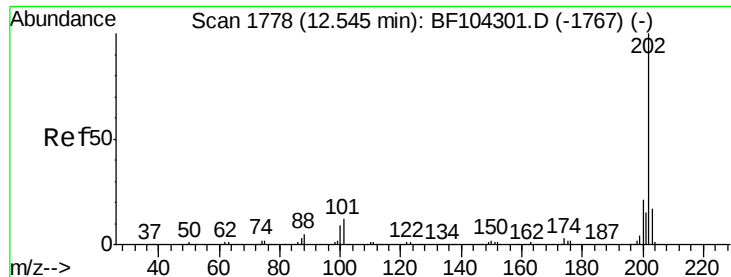
Acq: 26 Apr 2018 15:21

Tgt Ion:	188	Resp:	313898
Ion Ratio	Lower	Upper	
188	100		
94	9.7	8.5	12.7
80	11.0	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: 2.461 ng

RT: 12.55 min Scan# 1778

Delta R.T. -0.01 min

Lab File: BF104837.D

Acq: 26 Apr 2018 15:21

Instrument :

BNA_F

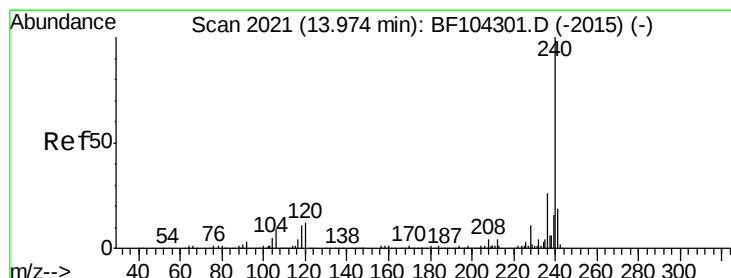
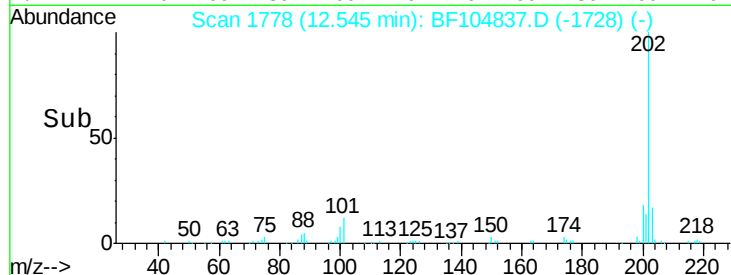
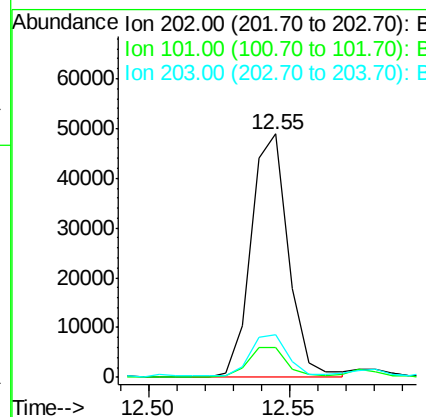
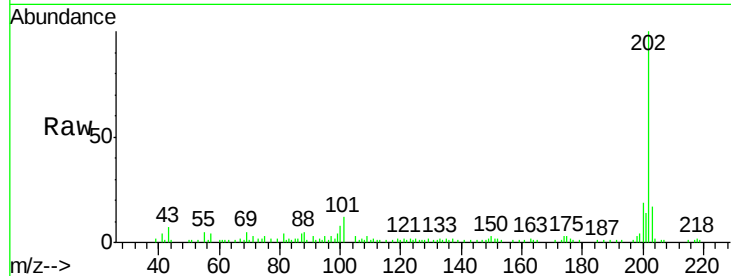
ClientSampleId :

IM-TS-SJAP-04

Tot Ion	Ratio	Resp	Lower	Upper
202	100	44956		
101	12.2	0.0	34.1	
203	17.3	0.0	38.1	

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#75

Chrysene-d12

Concen: 20.000 ng

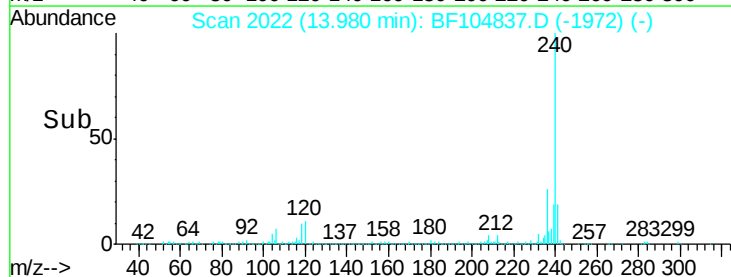
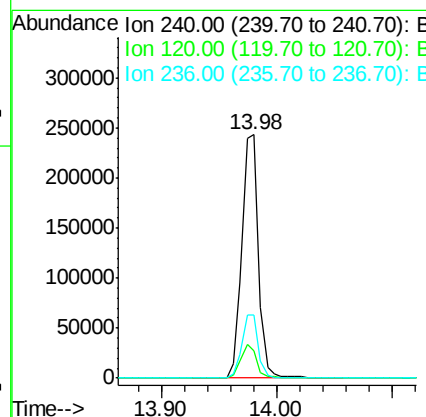
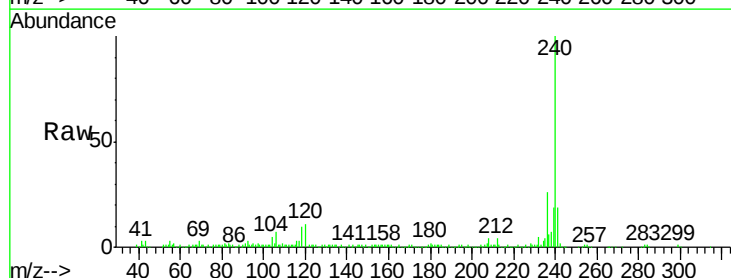
RT: 13.98 min Scan# 2022

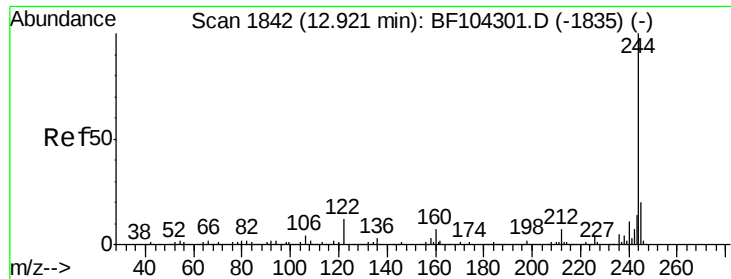
Delta R.T. -0.01 min

Lab File: BF104837.D

Acq: 26 Apr 2018 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	243906		
120	11.0	9.5	14.3	
236	26.2	20.7	31.1	





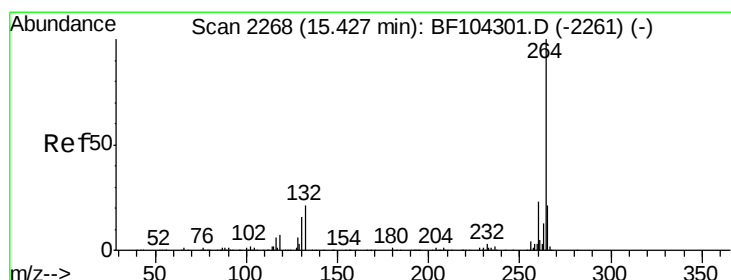
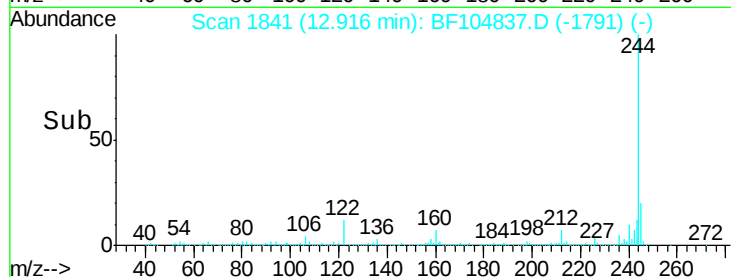
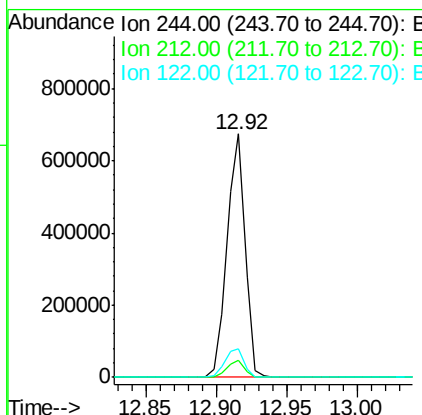
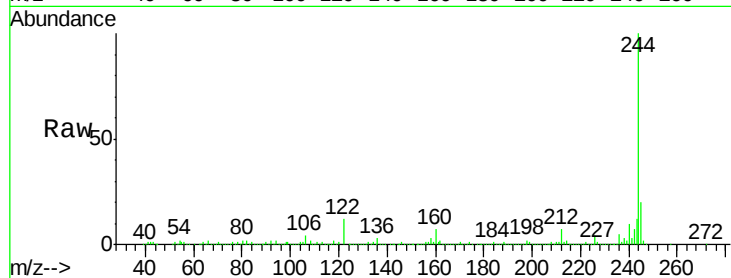
#78
 Terphenyl-d14
 Concen: 56.010 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF104837.D
 Acq: 26 Apr 2018 15:21

Instrument :
 BNA_F
 ClientSampleId :
 IM-TS-SJAP-04

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.8	11.0	16.4

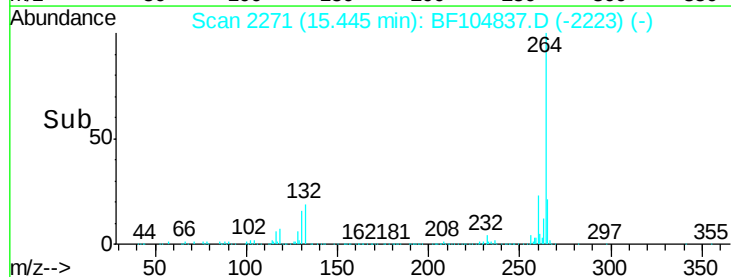
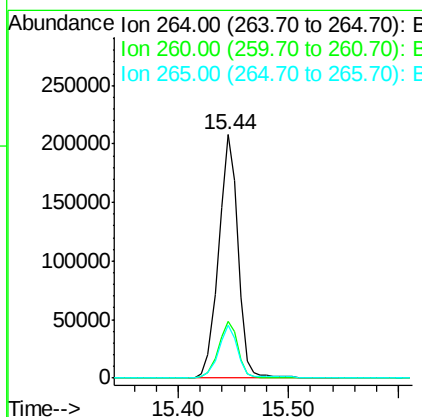
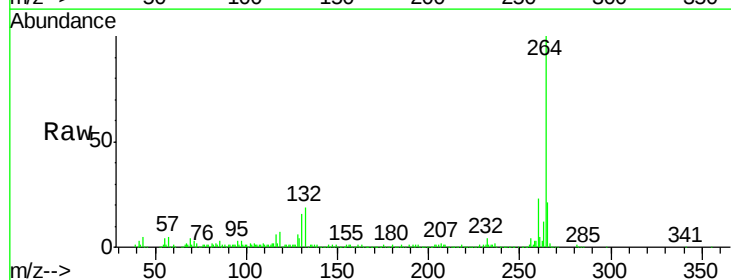
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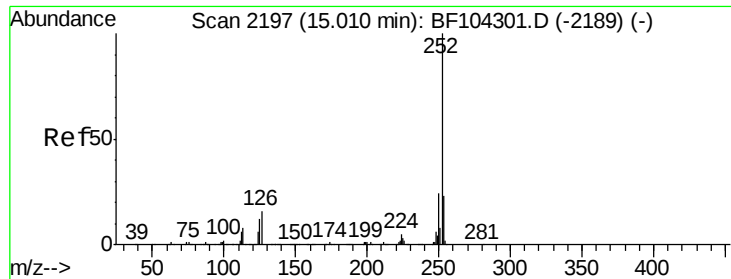
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. -0.02 min
 Lab File: BF104837.D
 Acq: 26 Apr 2018 15:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.5	17.5	26.3





#87
 Benzo(b)fluoranthene
 Concen: 2.156 ng/ml
 RT: 15.02 min Scan# 2199
 Delta R.T. -0.02 min
 Lab File: BF104837.D
 Acq: 26 Apr 2018 15:21

Instrument :
 BNA_F
 ClientSampleId :
 IM-TS-SJAP-04

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.6
125	25.3	9.0	13.6

Manual Integrations
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