

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
 Data File : BF104027.D
 Acq On : 28 Mar 2018 22:55
 Operator : JU/SJ
 Sample : J1754-15 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-032718-C

Manual Integrations
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 3/29/2018 5:36:39 PM

Quant Time: Mar 29 05:21:34 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 13:41:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	118610	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	480960	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	197538	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	290866	20.00	ng	0.00
75) Chrysene-d12	14.16	240	234941	20.00	ng	0.00
86) Perylene-d12	15.70	264	178311	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	135378	18.20	ng	0.00
7) Phenol-d6	6.60	99	184447	20.16	ng	0.00
23) Nitrobenzene-d5	7.53	82	109092	13.87	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	36596	16.64	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	249083	19.88	ng	0.00
78) Terphenyl-d14	13.08	244	177426	17.44	ng	0.00
Target Compounds						
74) Fluoranthene	12.72	202	39042	2.332	ng	99
77) Pyrene	12.95	202	41201	2.440	ng	96
87) Benzo(b)fluoranthene	15.24	252	25837m	2.381	ng	

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

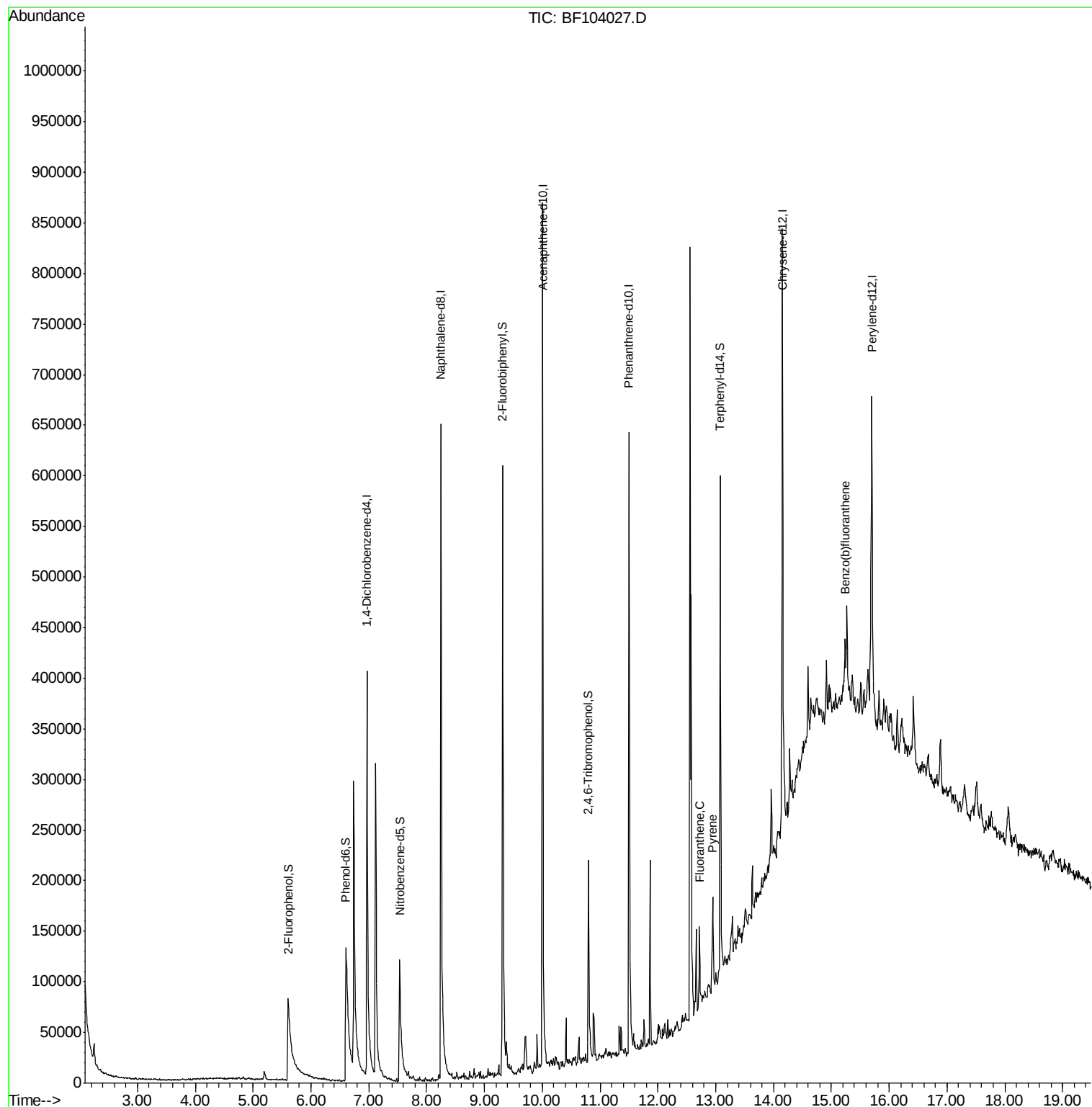
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
Data File : BF104027.D
Acq On : 28 Mar 2018 22:55
Operator : JU/SJ
Sample : J1754-15 5X
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ALS Vial : 21 Sample Multiplier: 1

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#1

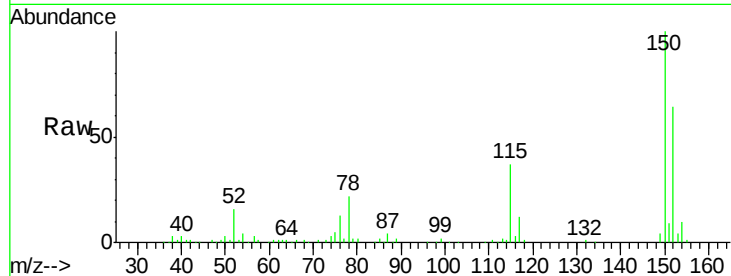
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF104027.D
Acq: 28 Mar 2018 22:55

Instrument :
BNA_F
ClientSampleId :
CL-02-032718-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.6	186.8
115	57.9	50.1	75.1

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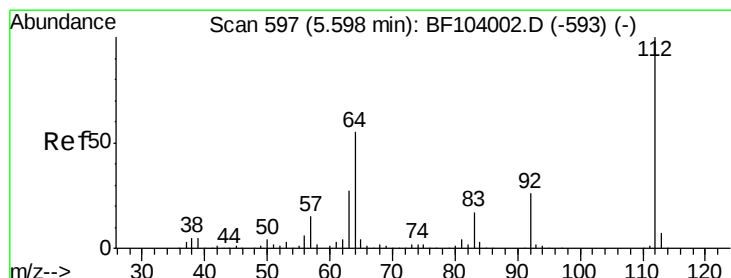
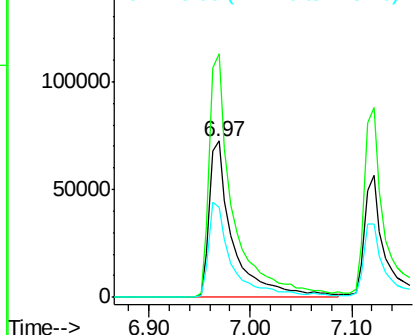
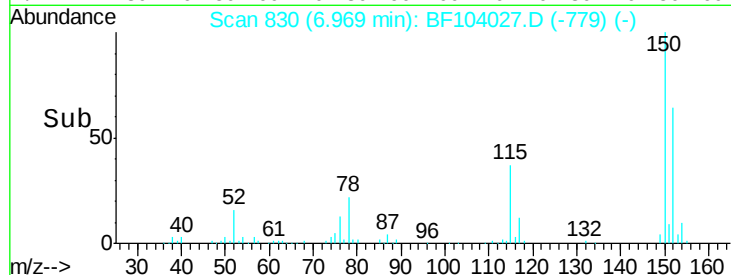


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

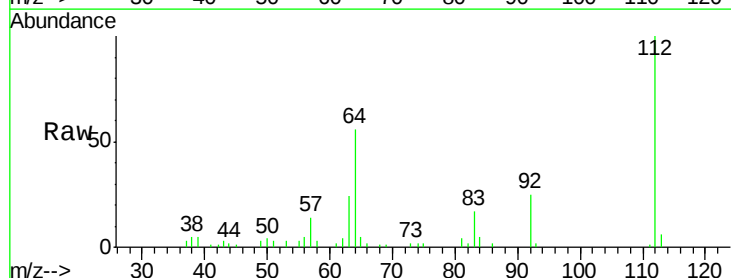
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 18.202 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF104027.D
Acq: 28 Mar 2018 22:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.5	47.9	71.9
63	24.2	23.7	35.5

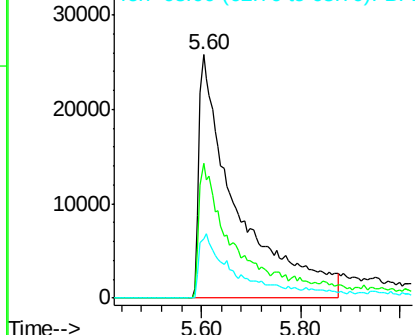
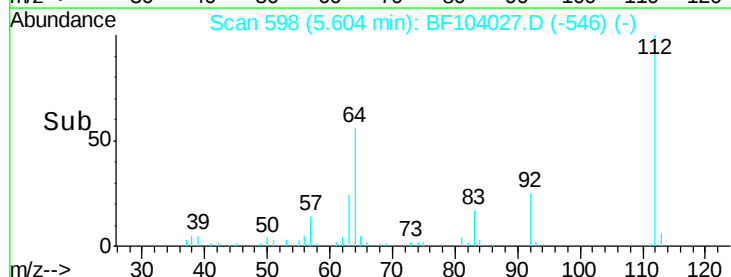


Abundance

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: 20.157 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF104027.D

Acq: 28 Mar 2018 22:55

Instrument :

BNA_F

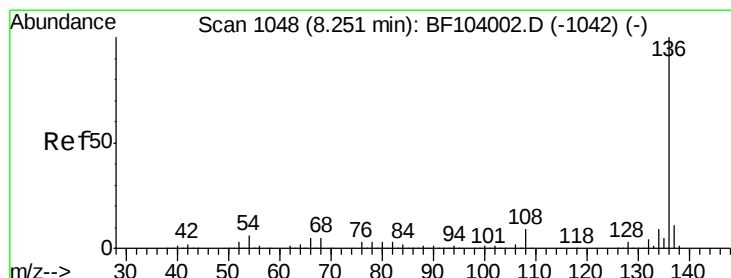
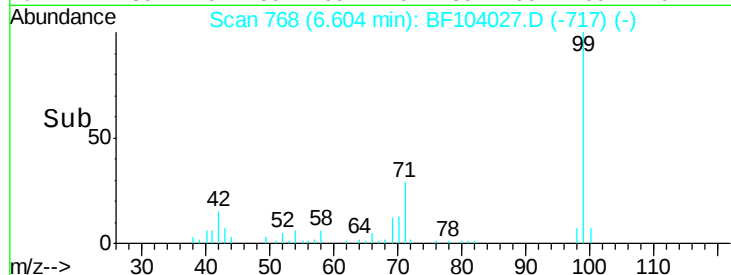
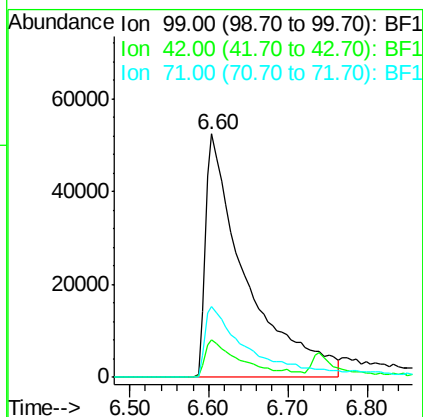
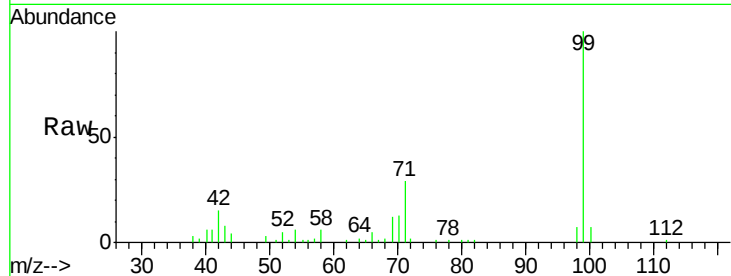
ClientSampled :

CL-02-032718-C

Tot Ion:	99	Resp:	184447
Ion Ratio	Lower	Upper	
99	100		
42	15.3	14.5	21.7
71	29.3	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

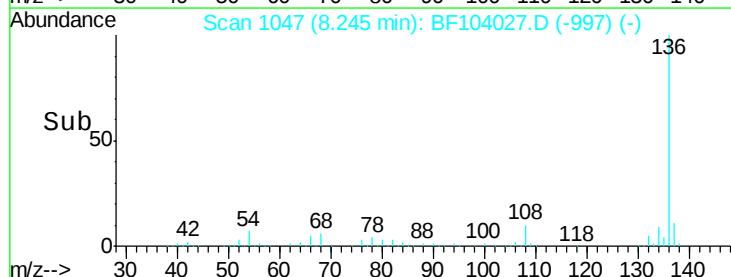
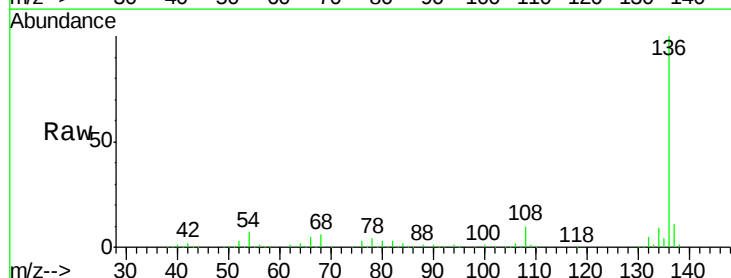
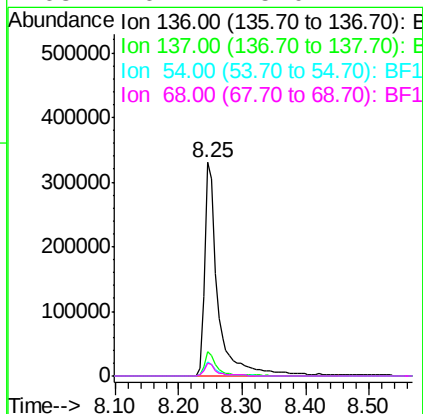
RT: 8.25 min Scan# 1047

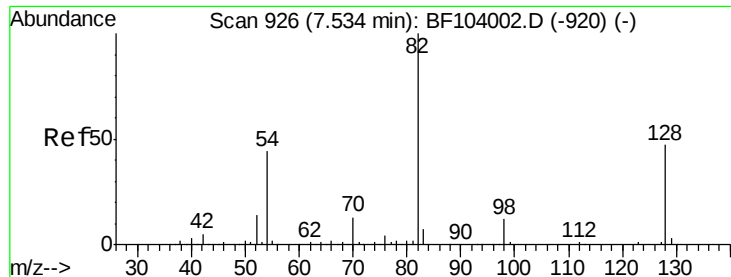
Delta R.T. -0.01 min

Lab File: BF104027.D

Acq: 28 Mar 2018 22:55

Tgt Ion:	136	Resp:	480960
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.9	13.3
54	6.8	6.6	9.8
68	6.2	5.0	7.4





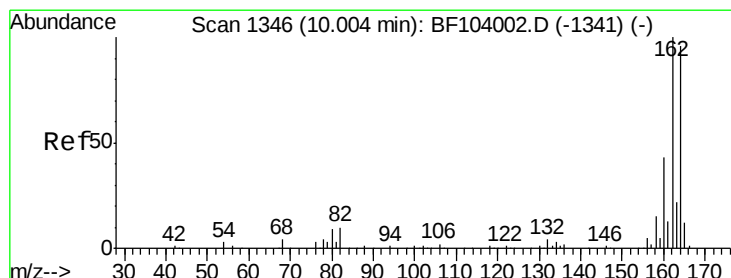
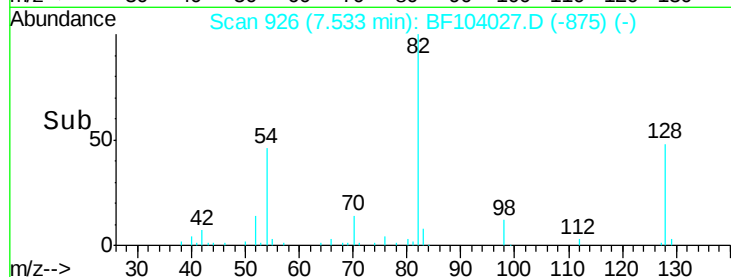
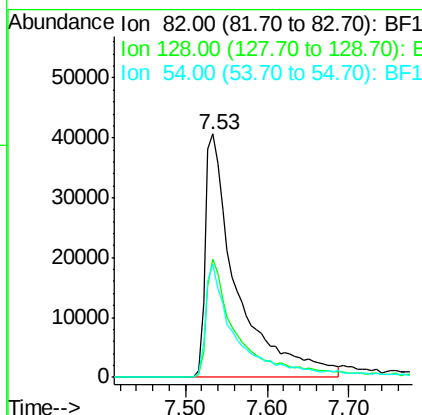
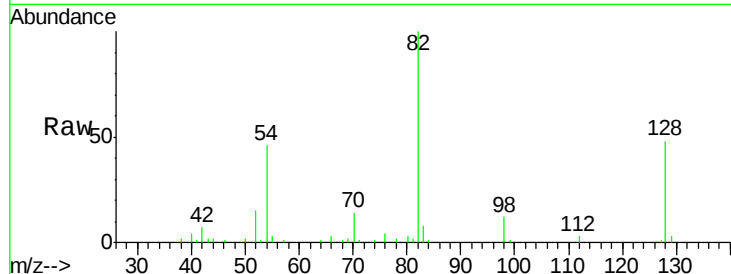
#23
 Nitrobenzene-d5
 Concen: 13.871 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.00 min
 Lab File: BF104027.D
 Acq: 28 Mar 2018 22:55

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-032718-C

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.3	36.1	54.1
54	46.2	41.4	62.2

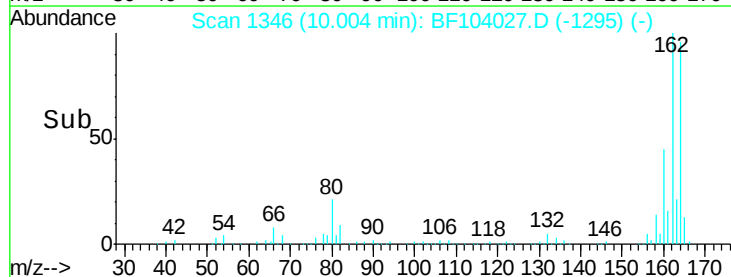
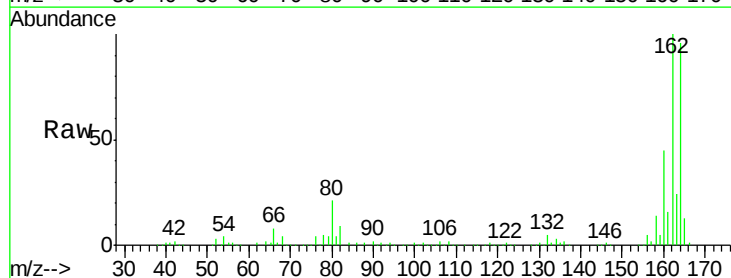
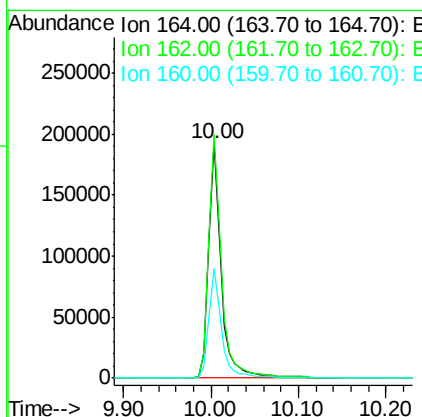
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: BF104027.D
 Acq: 28 Mar 2018 22:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	86.1	129.1
160	46.4	38.3	57.5





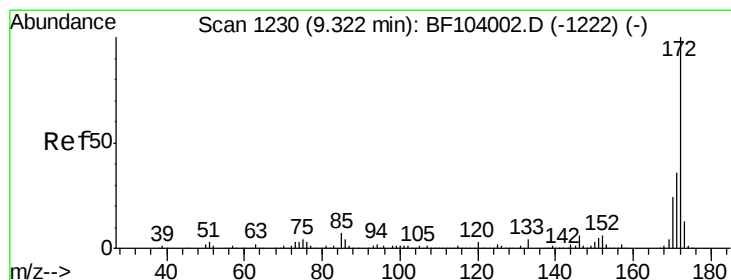
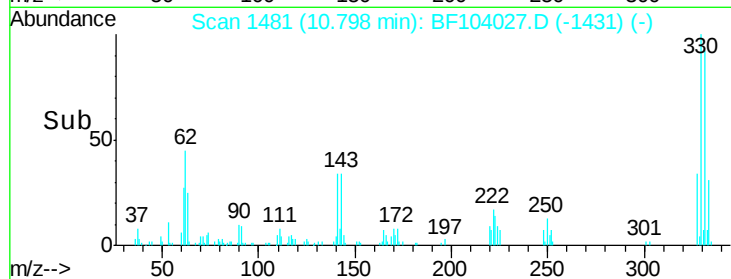
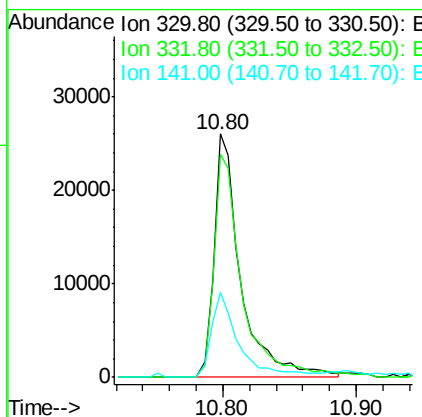
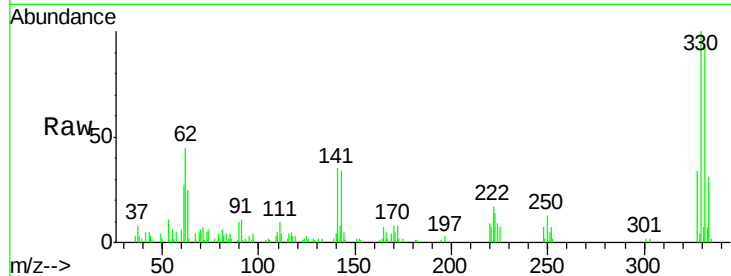
#41
 2,4,6-Tribromophenol
 Concen: 16.638 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: BF104027.D
 Acq: 28 Mar 2018 22:55

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-032718-C

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	36.1	29.9	44.9

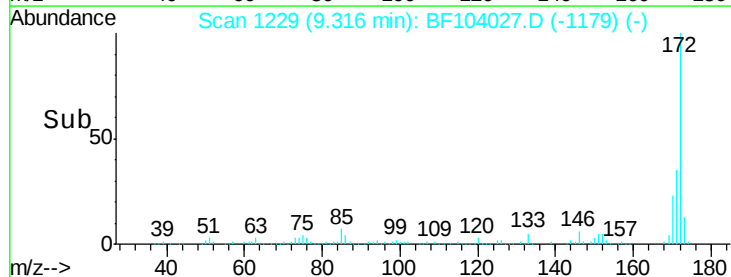
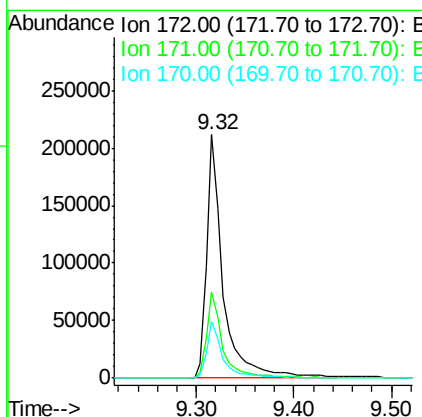
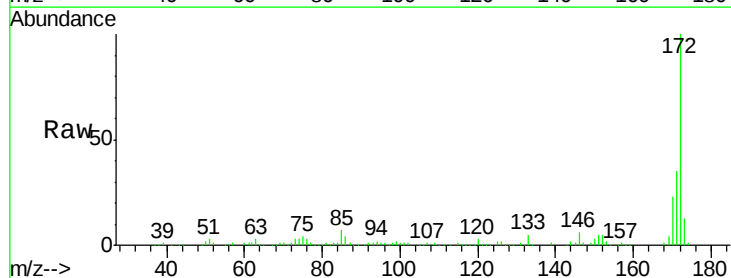
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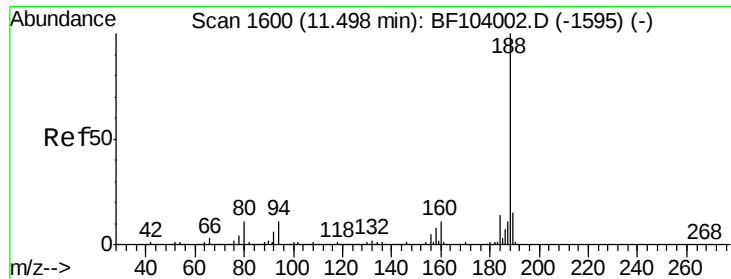
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#44
 2-Fluorobiphenyl
 Concen: 19.884 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF104027.D
 Acq: 28 Mar 2018 22:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	23.2	19.6	29.4





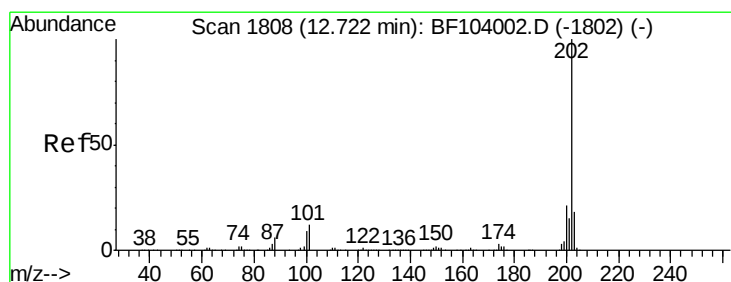
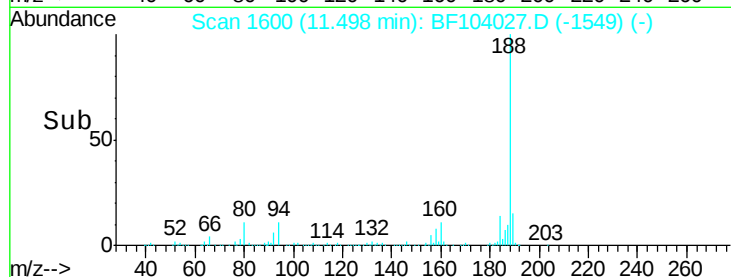
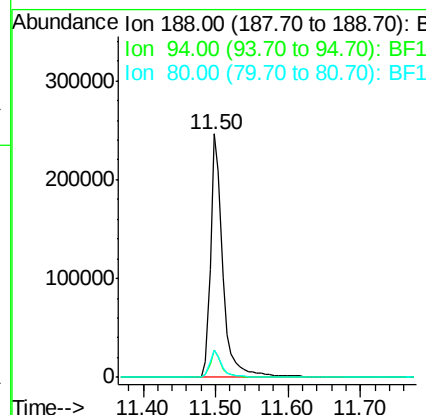
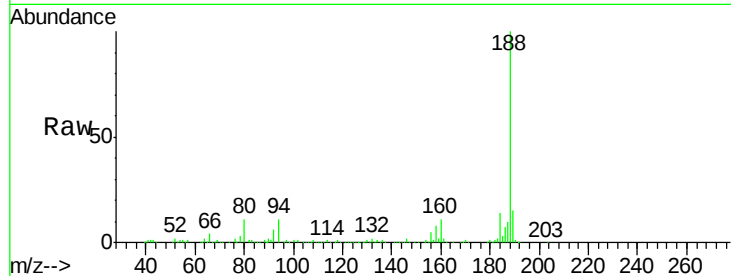
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF104027.D
Acq: 28 Mar 2018 22:55

Instrument :
BNA_F
ClientSampleId :
CL-02-032718-C

Tot Ion	Ratio	Resp	Lower	Upper
188	100	290866		
94	11.3		8.5	12.7
80	11.4		9.2	13.8

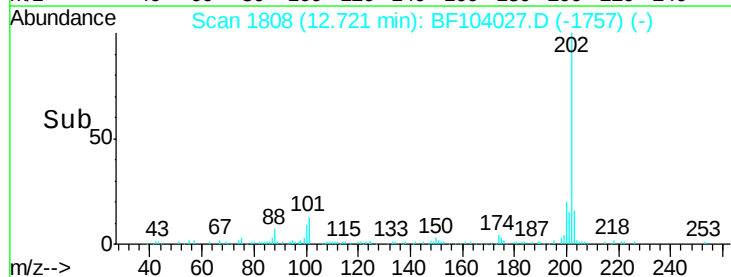
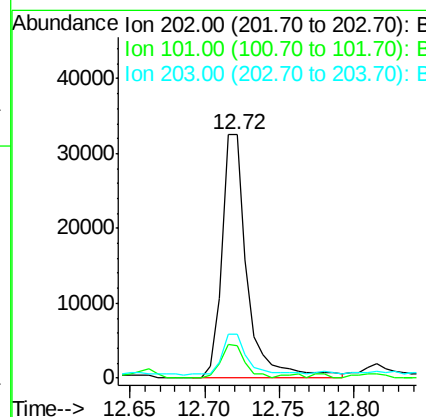
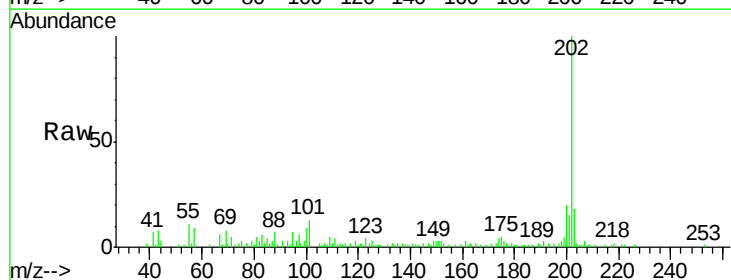
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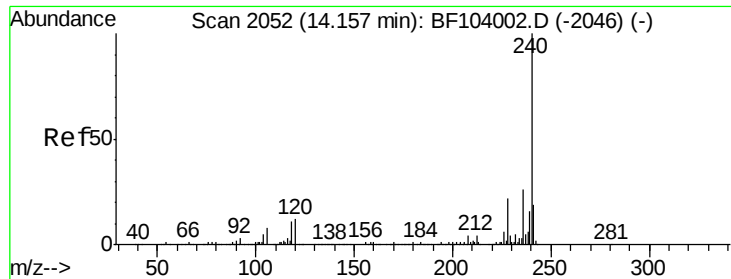
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#74
Fluoranthene
Concen: 2.332 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.00 min
Lab File: BF104027.D
Acq: 28 Mar 2018 22:55

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	39042		
101	13.2		0.0	34.1
203	18.0		0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2052

Delta R.T. -0.00 min

Lab File: BF104027.D

Acq: 28 Mar 2018 22:55

Instrument :

BNA_F

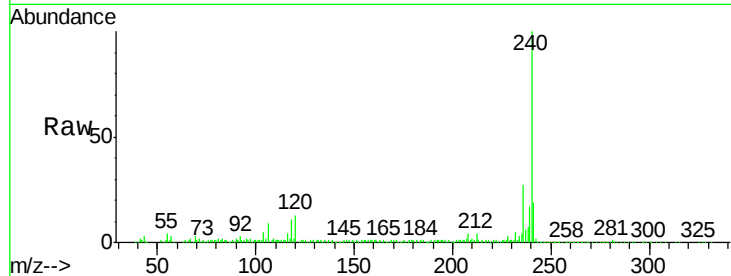
ClientSampleId :

CL-02-032718-C

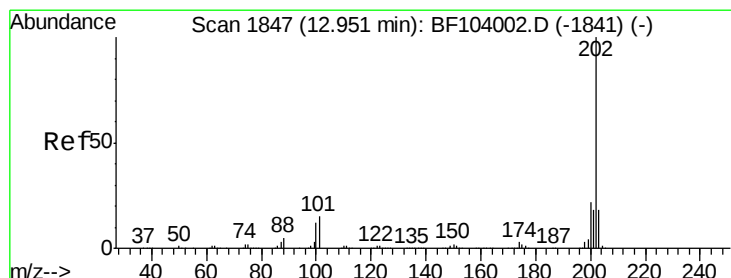
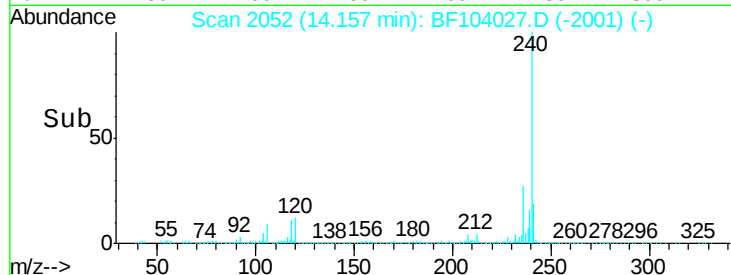
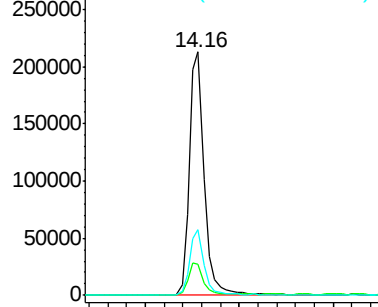
Tot Ion:	240	Resp:	234941
Ion Ratio	Lower	Upper	
240	100		
120	12.6	9.5	14.3
236	27.1	20.7	31.1

Manual Integrations
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 2.440 ng

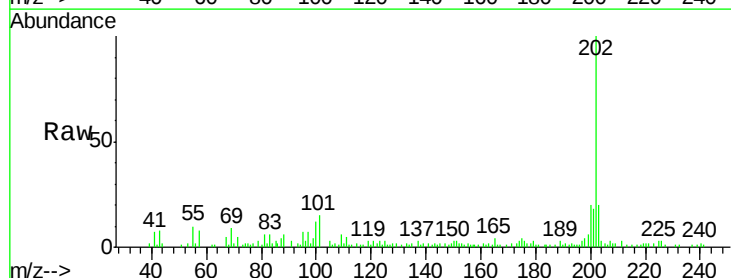
RT: 12.95 min Scan# 1847

Delta R.T. -0.00 min

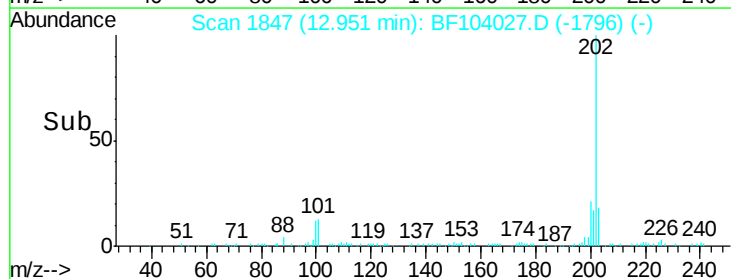
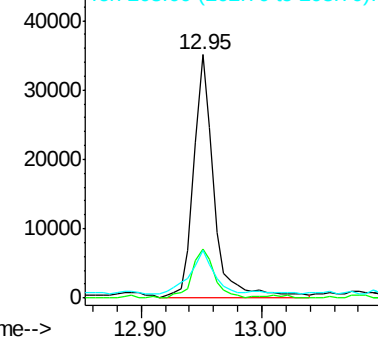
Lab File: BF104027.D

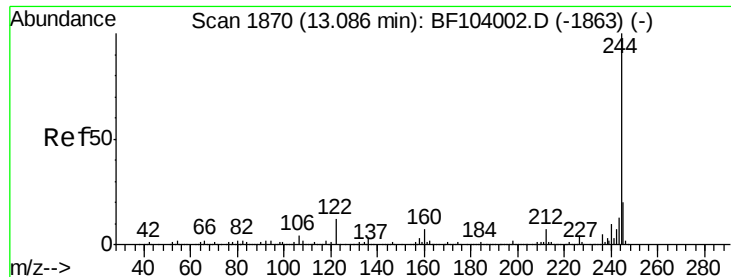
Acq: 28 Mar 2018 22:55

Tgt Ion:	202	Resp:	41201
Ion Ratio	Lower	Upper	
202	100		
200	20.3	17.4	26.2
203	19.6	14.3	21.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





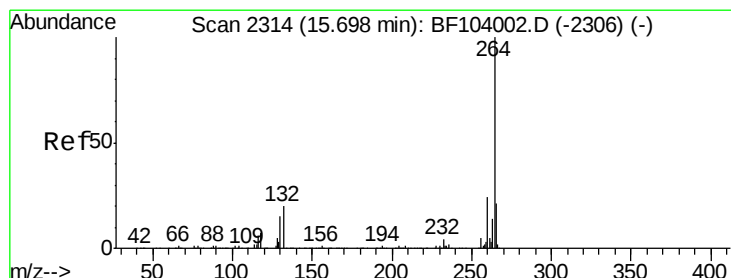
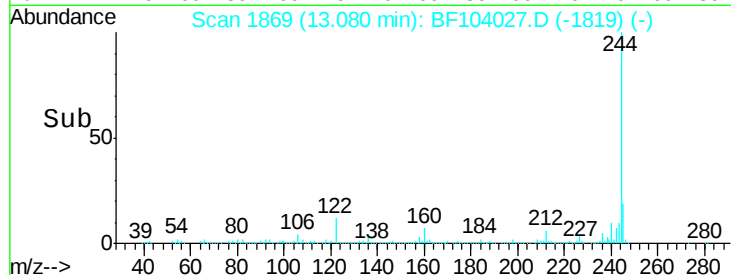
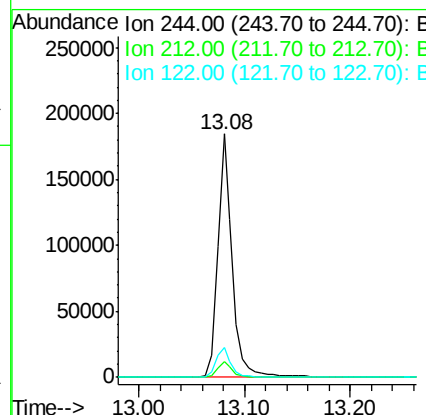
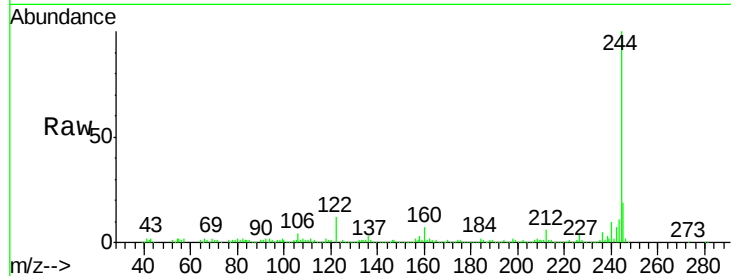
#78
 Terphenyl-d14
 Concen: 17.437 ng
 RT: 13.08 min Scan# 1869
 Delta R.T. -0.01 min
 Lab File: BF104027.D
 Acq: 28 Mar 2018 22:55

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-032718-C

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	12.3	11.0	16.4

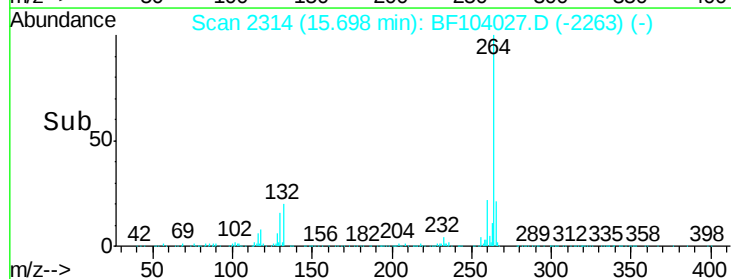
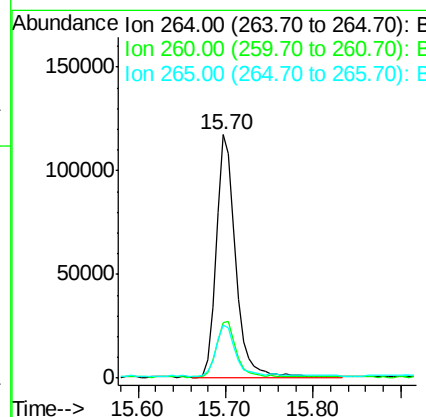
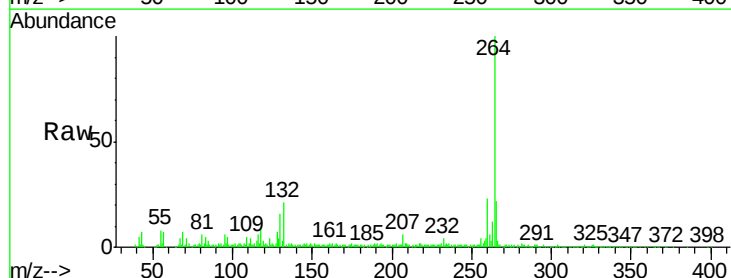
Manual Integrations
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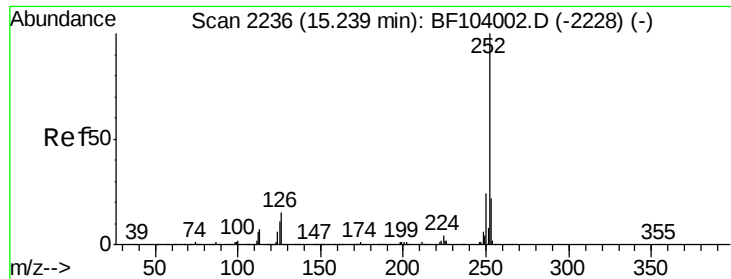
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2314
 Delta R.T. -0.00 min
 Lab File: BF104027.D
 Acq: 28 Mar 2018 22:55

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	21.6	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 2.381 ng m

RT: 15.24 min Scan# 2236

Delta R.T. -0.00 min

Lab File: BF104027.D

Acq: 28 Mar 2018 22:55

Instrument :

BNA_F

ClientSampleId :

CL-02-032718-C

Tot Ion:	252	Resp:	25837
Ion Ratio	Lower	Upper	
252	100		
253	44.6	17.0	25.6#
125	29.3	9.0	13.6#

Manual Integrations
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