

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012918\
 Data File : BF102605.D
 Acq On : 29 Jan 2018 19:01
 Operator : SJ/JU
 Sample : J1344-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 8-SAN-2-WW(5-6)

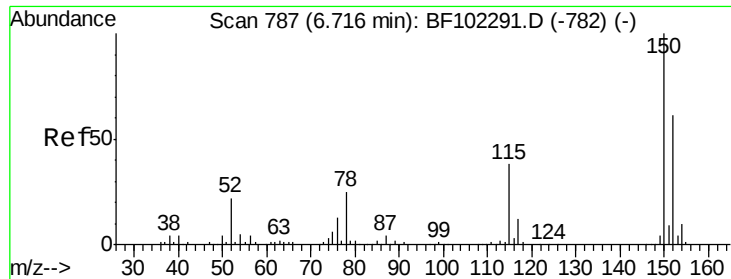
Manual Integrations
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Quant Time: Jan 30 02:13:21 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 20:48:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	184356	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	771581	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	338087	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	555883	20.00	ng	0.00
75) Chrysene-d12	13.89	240	304671	20.00	ng	0.01
86) Perylene-d12	15.34	264	265120	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1371866	112.83	ng	0.01
7) Phenol-d6	6.37	99	1676330	114.36	ng	0.00
23) Nitrobenzene-d5	7.29	82	1023484	76.23	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	299984	89.55	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1377792	59.92	ng	0.00
78) Terphenyl-d14	12.83	244	1094373	80.98	ng	0.00
Target Compounds						
10) Phenol	6.37	94	35692	2.230	ng	Qvalue # 54
49) Dimethylphthalate	9.47	163	174147	6.232	ng	99
70) Phenanthrene	11.26	178	91118	2.813	ng	98
74) Fluoranthene	12.45	202	98576	2.984	ng	96
77) Pyrene	12.69	202	95165m	4.040	ng	

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



#1

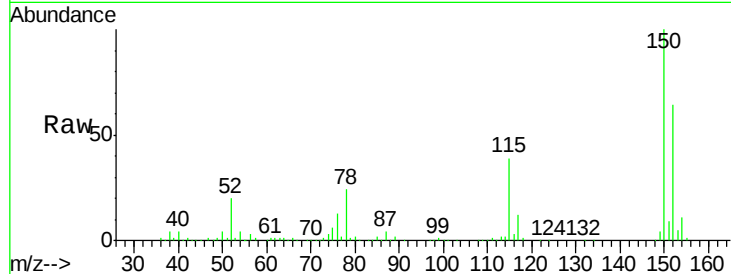
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102605.D
Acq: 29 Jan 2018 19:01

Instrument :
BNA_F
ClientSampleId :
8-SAN-2-WW(5-6)

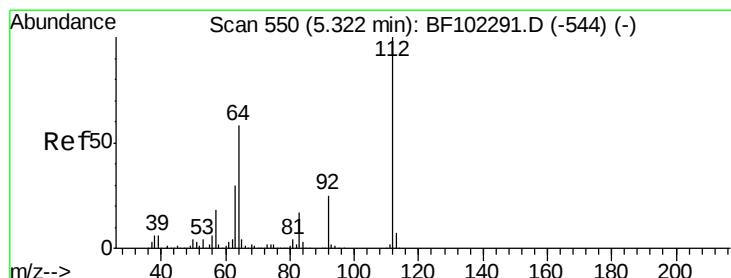
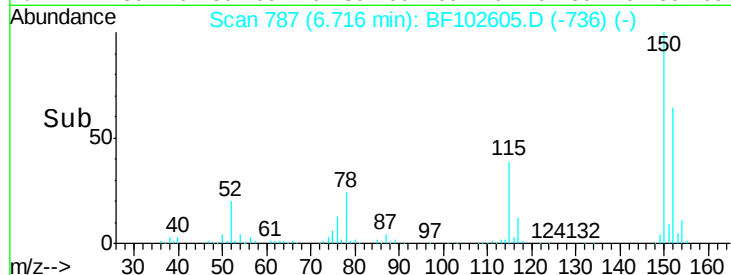
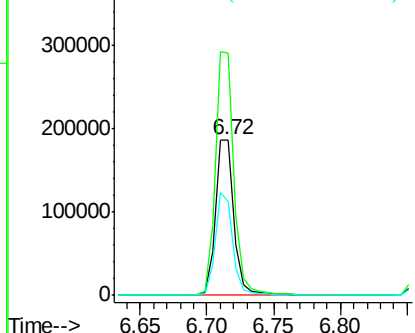
Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.6	186.8
115	59.9	50.1	75.1

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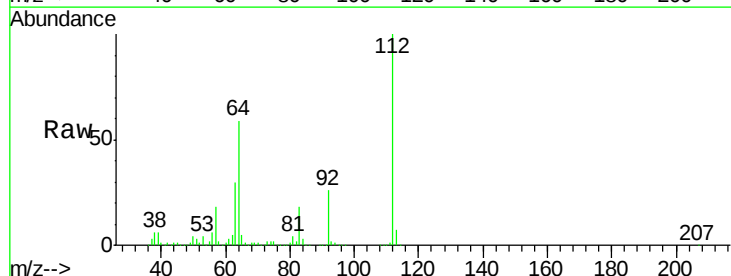
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



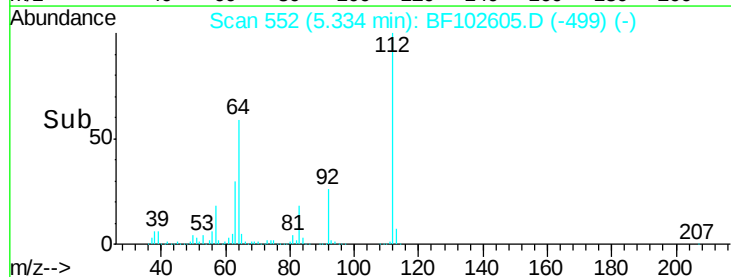
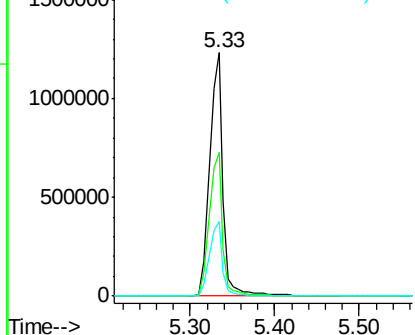
#5

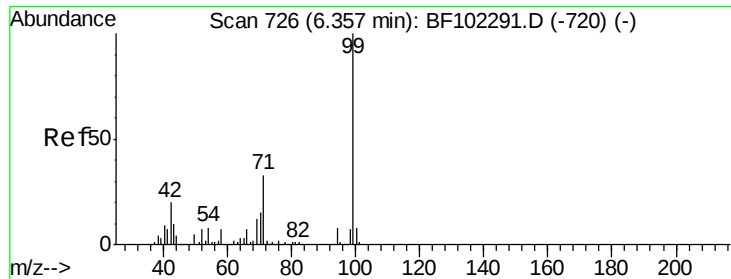
2-Fluorophenol
Concen: 112.831 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102605.D
Acq: 29 Jan 2018 19:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.0	47.9	71.9
63	30.5	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: 114.361 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102605.D

Acq: 29 Jan 2018 19:01

Instrument :

BNA_F

ClientSampleId :

8-SAN-2-WW(5-6)

Tgt Ion: 99 Resp: 1676330

Ion Ratio Lower Upper

99 100

42 18.6 14.5 21.7

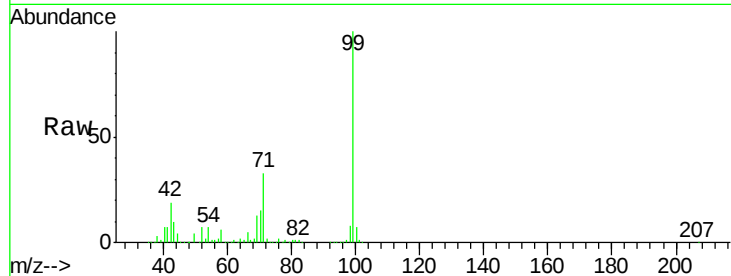
71 33.0 25.4 38.0

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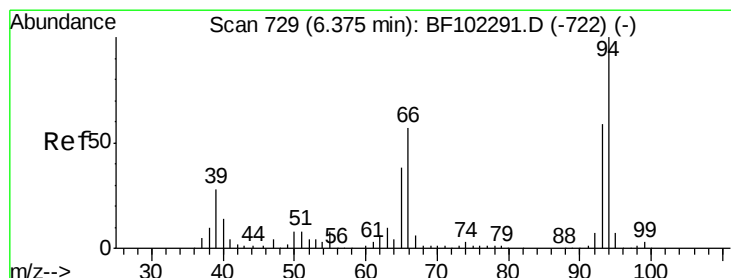
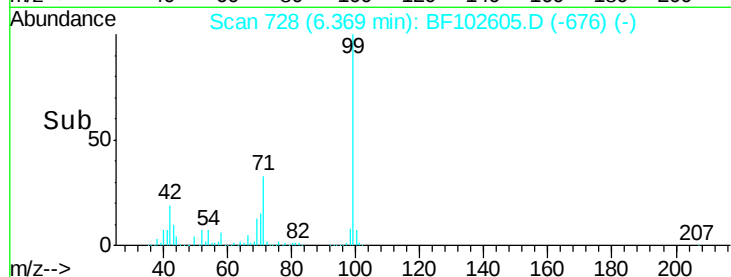
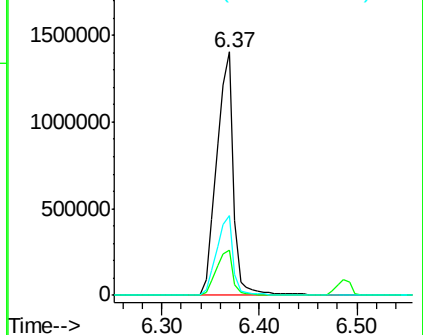
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.230 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF102605.D

Acq: 29 Jan 2018 19:01

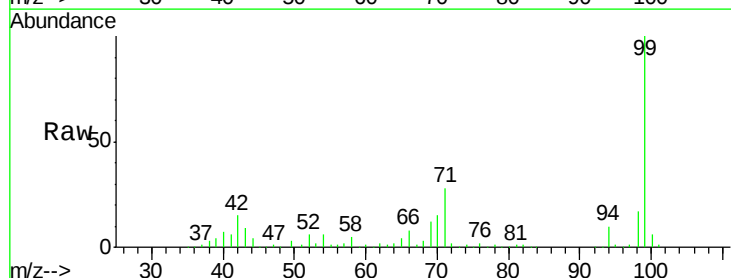
Tgt Ion: 94 Resp: 35692

Ion Ratio Lower Upper

94 100

65 39.0 7.9 47.9

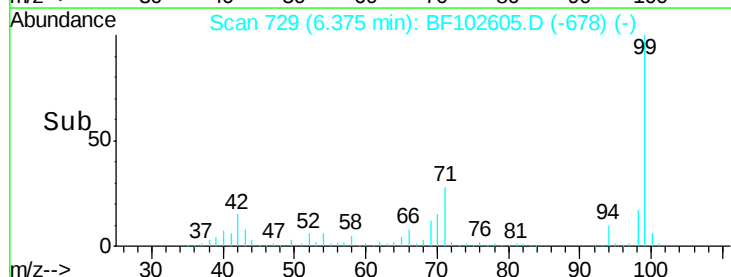
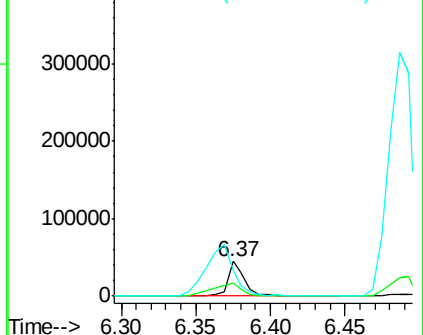
66 74.4 16.2 56.2#

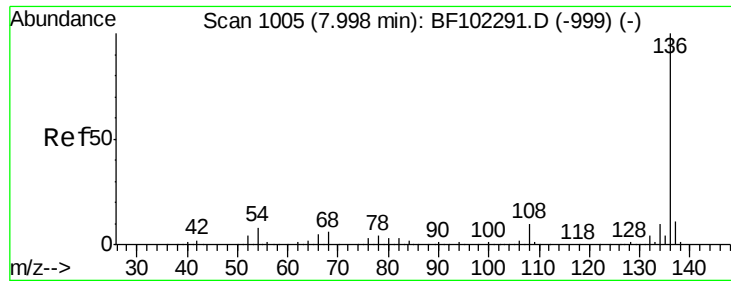


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





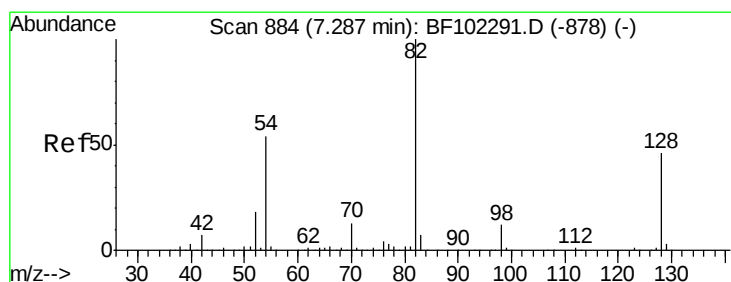
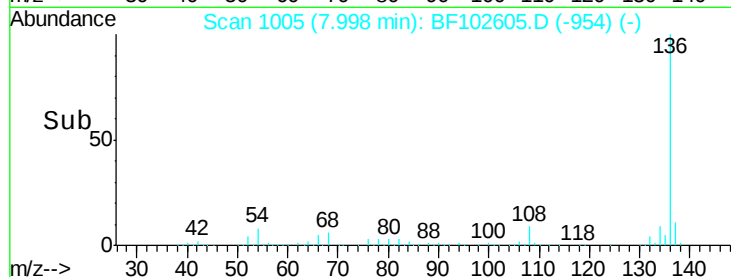
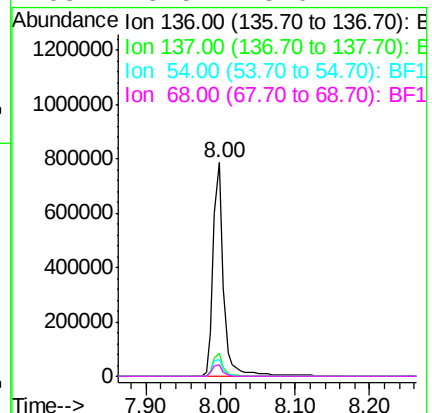
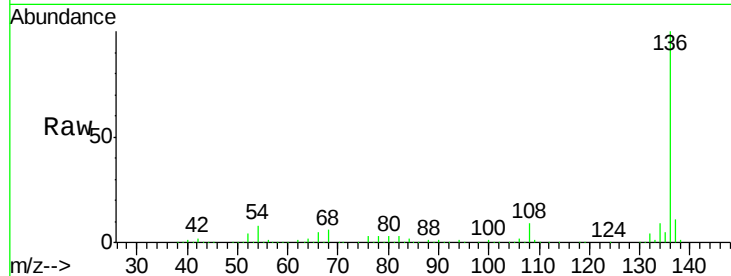
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF102605.D
Acq: 29 Jan 2018 19:01

Instrument :
BNA_F
ClientSampleId :
8-SAN-2-WW(5-6)

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		771581		
137	10.8	8.9	13.3		
54	7.7	6.6	9.8		
68	5.5	5.0	7.4		

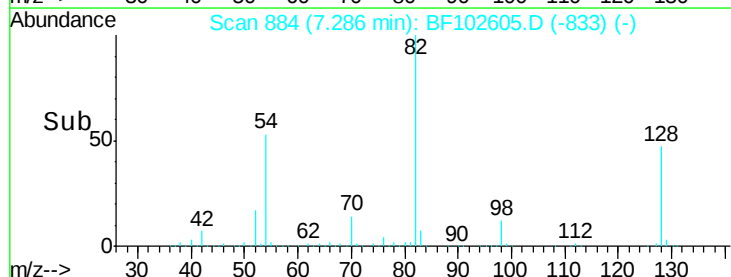
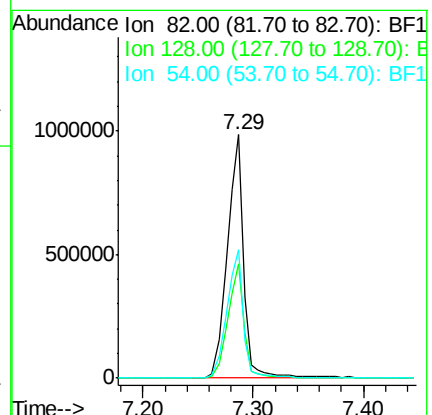
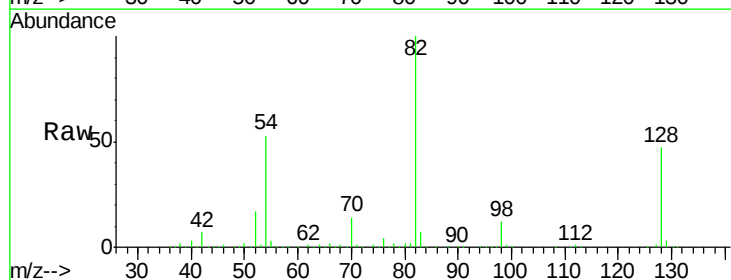
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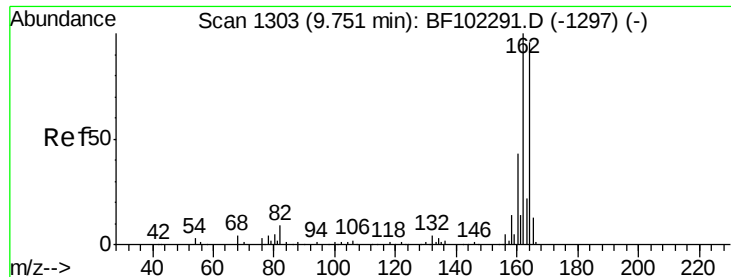
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#23
Nitrobenzene-d5
Concen: 76.228 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF102605.D
Acq: 29 Jan 2018 19:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		1023484		
128	46.9	36.1	54.1		
54	52.5	41.4	62.2		





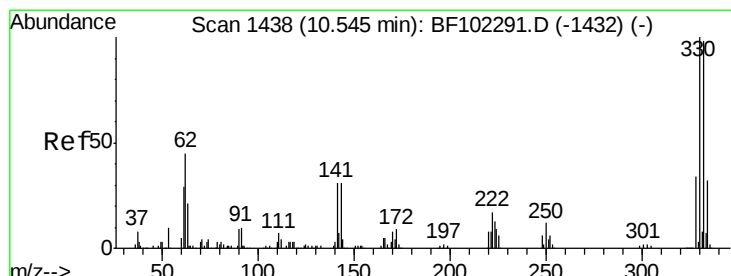
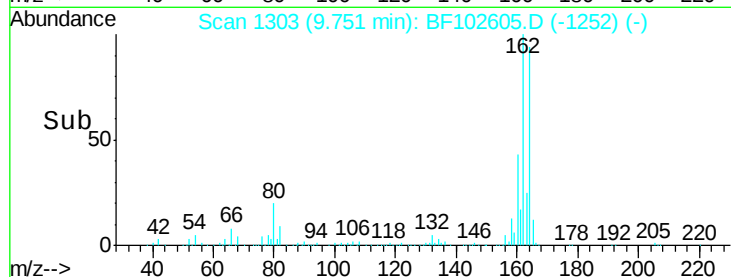
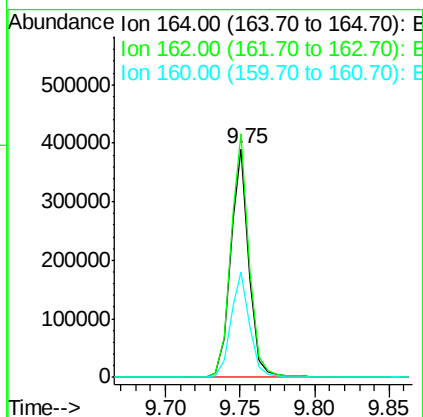
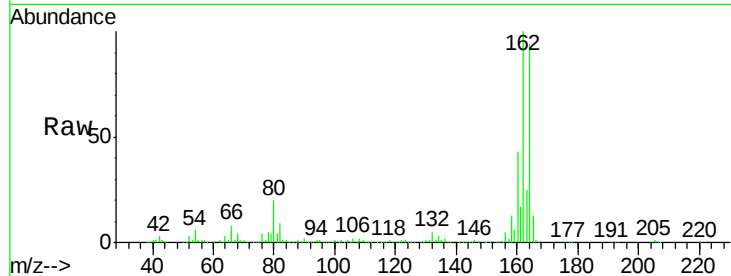
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.00 min
 Lab File: BF102605.D
 Acq: 29 Jan 2018 19:01

Instrument :
 BNA_F
 ClientSampleId :
 8-SAN-2-WW(5-6)

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	106.6	338087	86.1	129.1
160	46.2		38.3	57.5

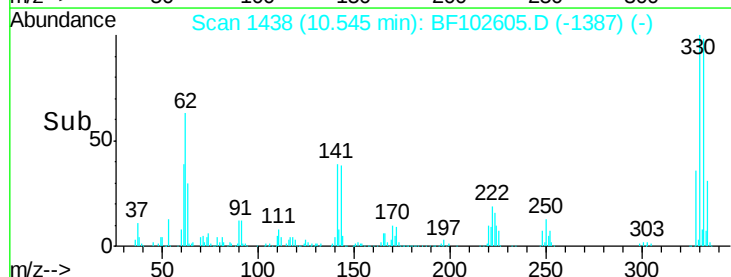
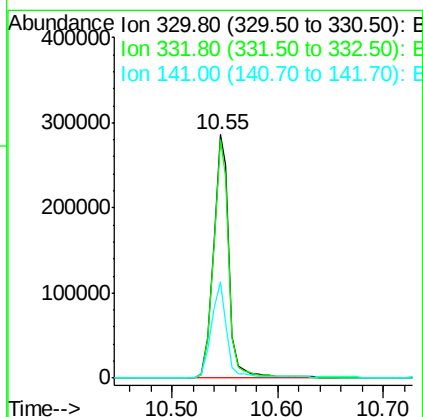
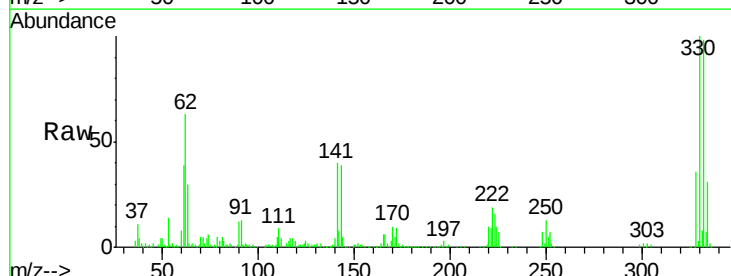
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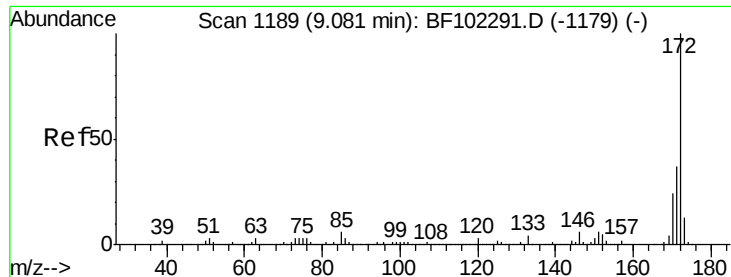
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#41
 2,4,6-Tribromophenol
 Concen: 89.549 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF102605.D
 Acq: 29 Jan 2018 19:01

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	299984		
332	96.5		77.0	115.6
141	38.3		29.9	44.9





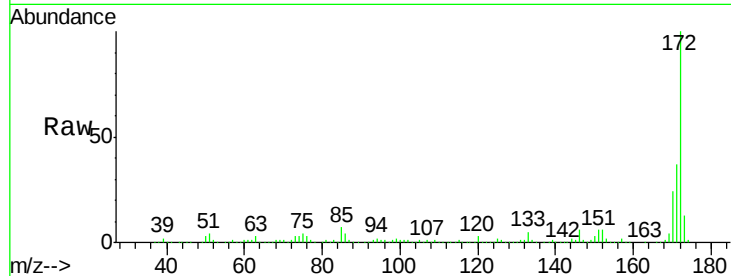
#44
2-Fluorobiphenyl
Concen: 59.921 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.00 min
Lab File: BF102605.D
Acq: 29 Jan 2018 19:01

Instrument :
BNA_F
ClientSampleId :
8-SAN-2-WW(5-6)

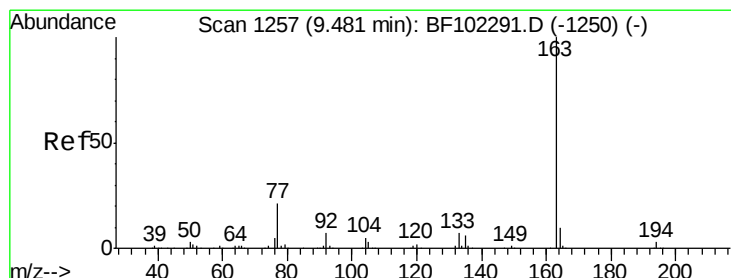
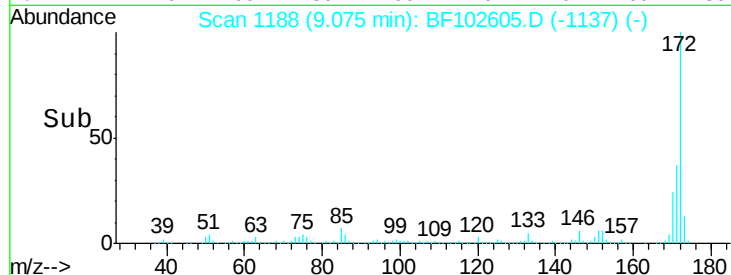
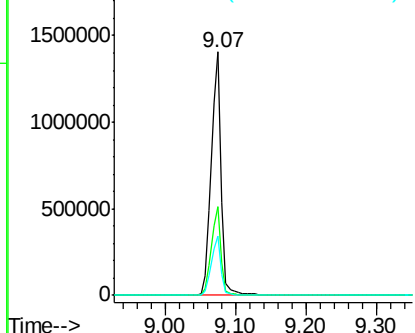
Tgt Ion:172 Resp: 1377792
Ion Ratio Lower Upper
172 100
171 36.5 29.7 44.5
170 24.3 19.6 29.4

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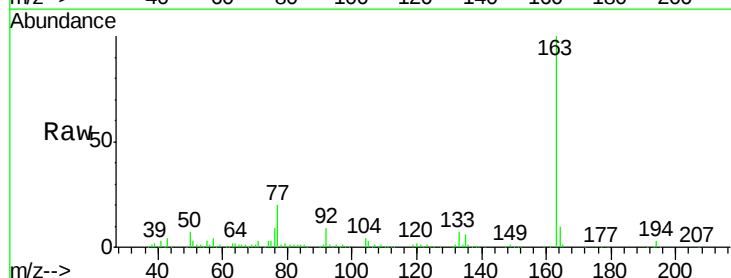


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

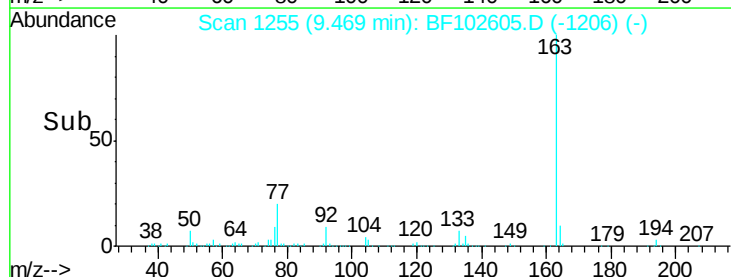
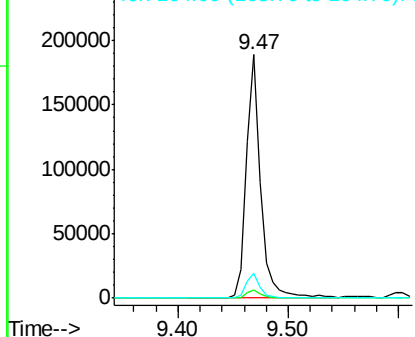


#49
Dimethylphthalate
Concen: 6.232 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF102605.D
Acq: 29 Jan 2018 19:01

Tgt Ion:163 Resp: 174147
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 9.9 8.2 12.2



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





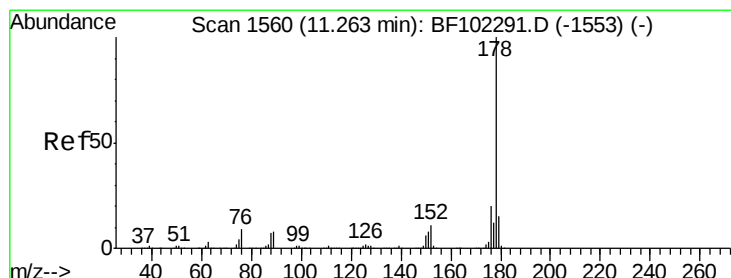
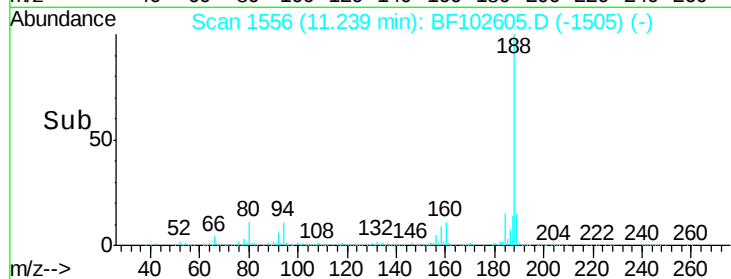
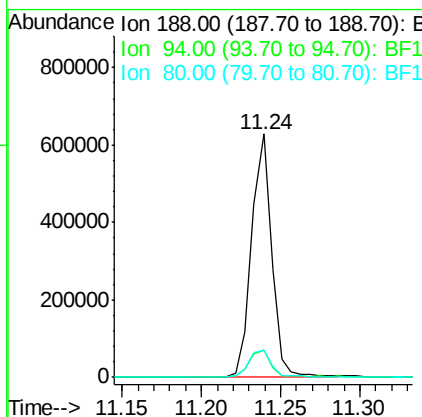
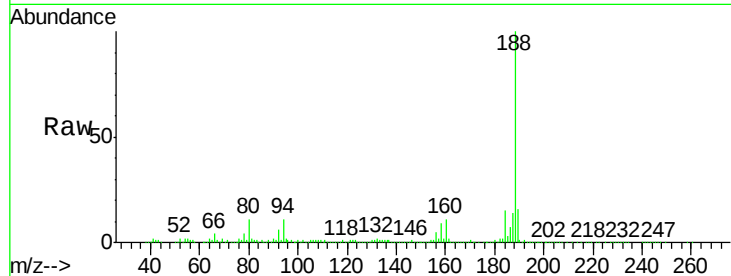
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.00 min
Lab File: BF102605.D
Acq: 29 Jan 2018 19:01

Instrument :
BNA_F
ClientSampleId :
8-SAN-2-WW(5-6)

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	11.3	8.5	12.7
80	11.2	9.2	13.8

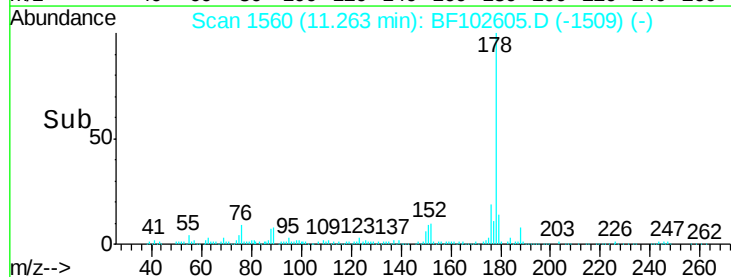
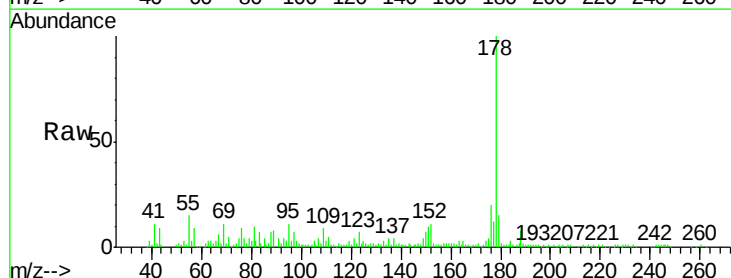
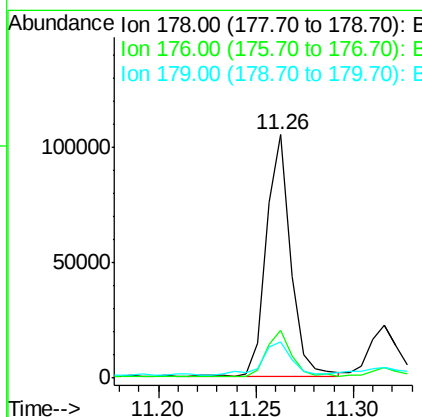
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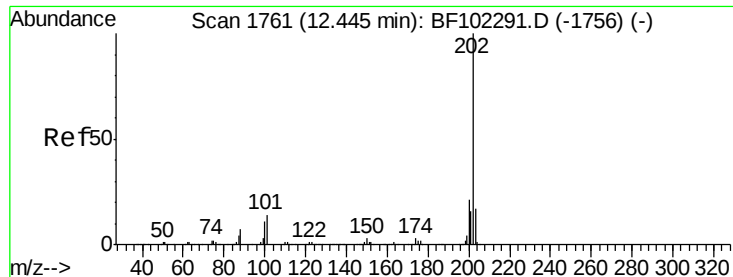
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#70
Phenanthrene
Concen: 2.813 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF102605.D
Acq: 29 Jan 2018 19:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	19.7	15.8	23.8
179	14.8	13.0	19.6





#74

Fluoranthene

Concen: 2.984 ng

RT: 12.45 min Scan# 1762

Delta R.T. -0.00 min

Lab File: BF102605.D

Acq: 29 Jan 2018 19:01

Instrument :

BNA_F

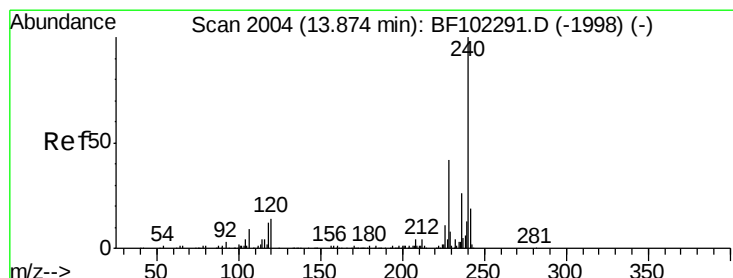
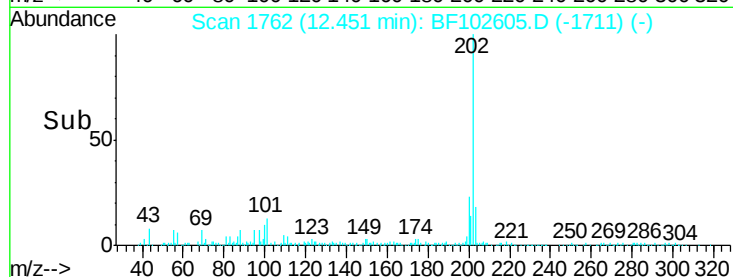
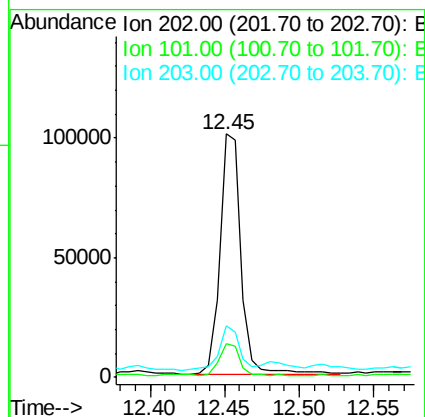
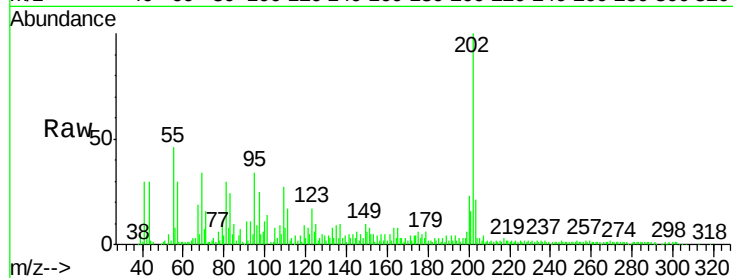
ClientSampleId :

8-SAN-2-WW(5-6)

Tgt Ion:	202	Resp:	98576
Ion Ratio	Lower	Upper	
202	100		
101	13.8	0.0	34.1
203	21.3	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

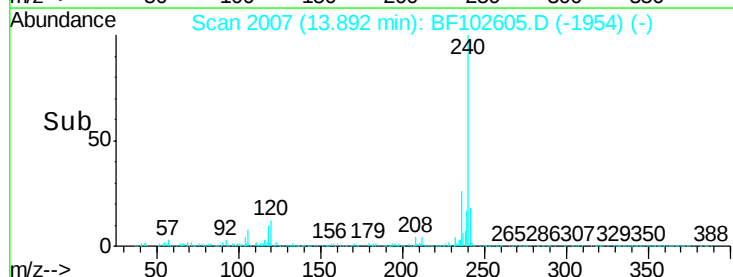
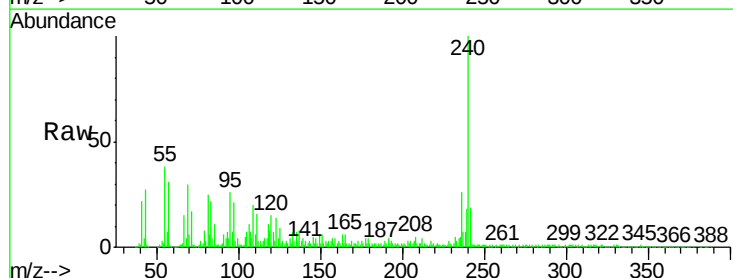
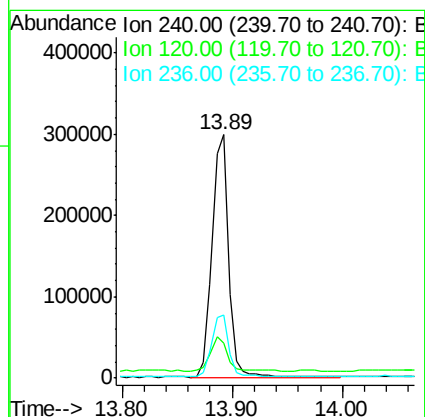
RT: 13.89 min Scan# 2007

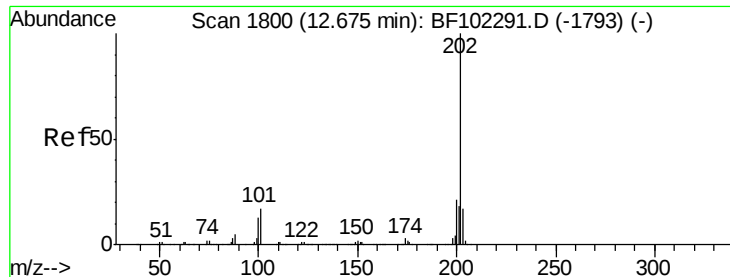
Delta R.T. 0.01 min

Lab File: BF102605.D

Acq: 29 Jan 2018 19:01

Tgt Ion:	240	Resp:	304671
Ion Ratio	Lower	Upper	
240	100		
120	14.5	9.5	14.3#
236	26.0	20.7	31.1





#77

Pyrene

Concen: 4.040 ng m

RT: 12.69 min Scan# 1802

Delta R.T. 0.01 min

Lab File: BF102605.D

Acq: 29 Jan 2018 19:01

Instrument :

BNA_F

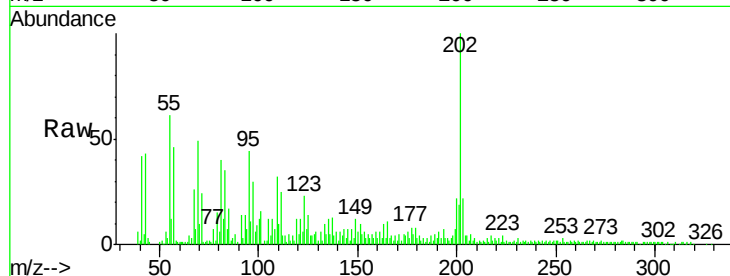
ClientSampleId :

8-SAN-2-WW(5-6)

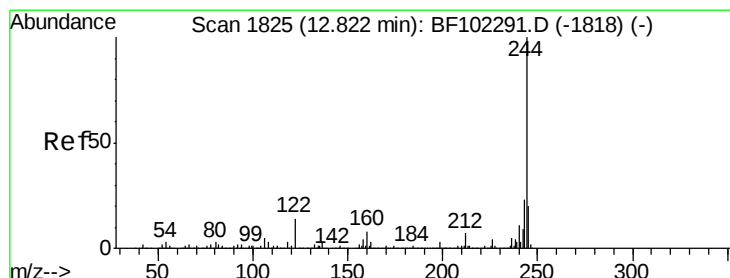
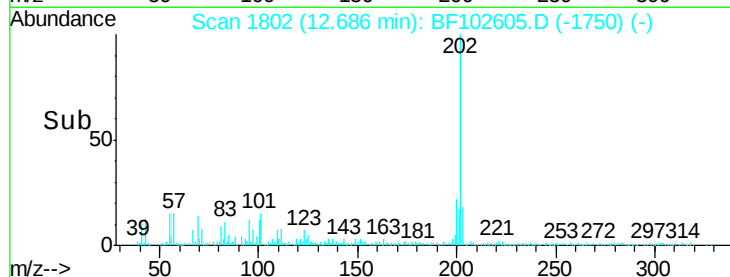
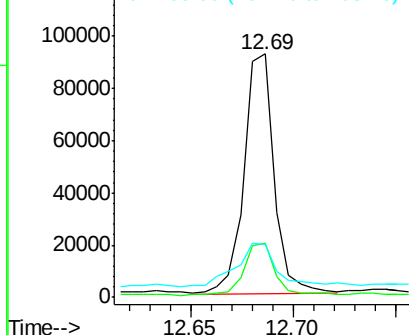
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.4	26.2
203	21.9	14.3	21.5#

Manual Integrations
APPROVED

Sohil
1/30/2018 3:38:15 PM



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: 80.976 ng

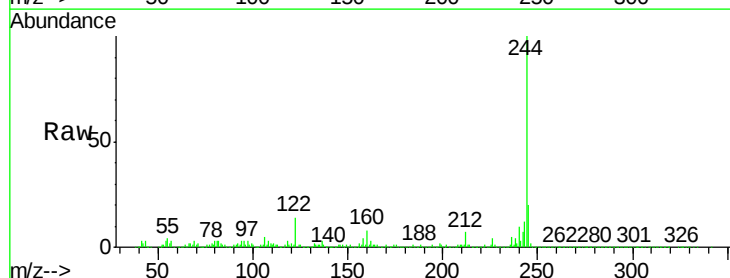
RT: 12.83 min Scan# 1826

Delta R.T. 0.01 min

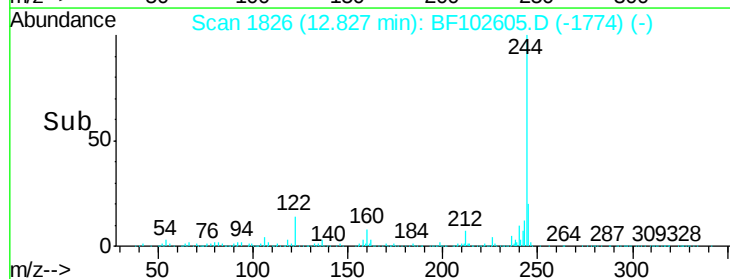
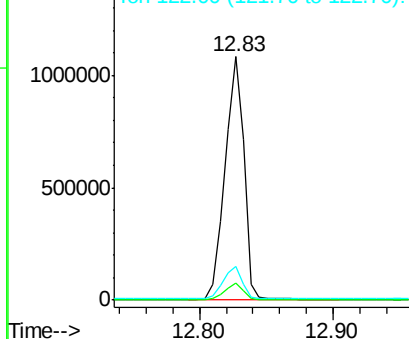
Lab File: BF102605.D

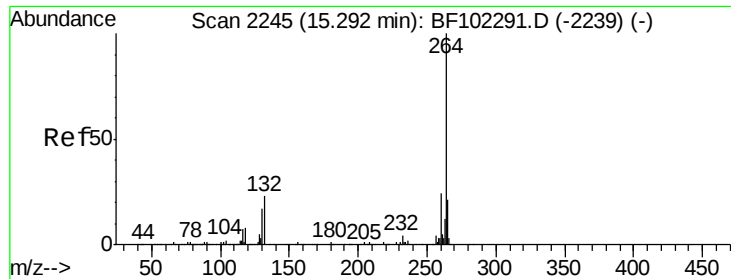
Acq: 29 Jan 2018 19:01

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	14.0	11.0	16.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





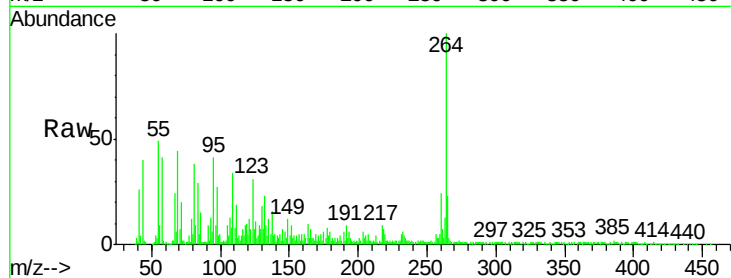
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.04 min
Lab File: BF102605.D
Acq: 29 Jan 2018 19:01

Instrument :
BNA_F
ClientSampleId :
8-SAN-2-WW(5-6)

Tgt Ion:	264	Resp:	265120
Ion Ratio	Lower	Upper	
264	100		
260	24.4	19.2	28.8
265	23.1	17.5	26.3

Manual Integrations
APPROVED

Sohil
1/30/2018 3:38:15 PM



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

