

Data Path : U:\HPCHEM1\BNA F\DATA\BF011518\
 Data File : BF102091.D
 Acq On : 16 Jan 2018 6:05
 Operator : SJ/JU
 Sample : J1116-05
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-42-4.5-5.0

Manual Integrations
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 1/16/2018 5:01:33 PM

Quant Time: Jan 16 07:20:50 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	165006	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	638536	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	242616	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	334429	20.00	ng	-0.01
75) Chrysene-d12	13.87	240	298570	20.00	ng	-0.01
86) Perylene-d12	15.29	264	230026	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1033404	88.44	ng	0.00
7) Phenol-d6	6.36	99	1192682	85.55	ng	0.00
23) Nitrobenzene-d5	7.29	82	741364	68.23	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	180459	85.23	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	1151380	74.14	ng	-0.01
78) Terphenyl-d14	12.82	244	759605	52.82	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.47	163	106466	5.470	ng	97
70) Phenanthrene	11.26	178	45865	2.348	ng	96
74) Fluoranthene	12.44	202	73974	3.849	ng	98
77) Pyrene	12.67	202	67723	2.566	ng	98
83) Bis(2-ethylhexyl)phthalate	13.86	149	43328	3.118	ng	94
87) Benzo(b)fluoranthene	14.88	252	43541m	2.903	ng	

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

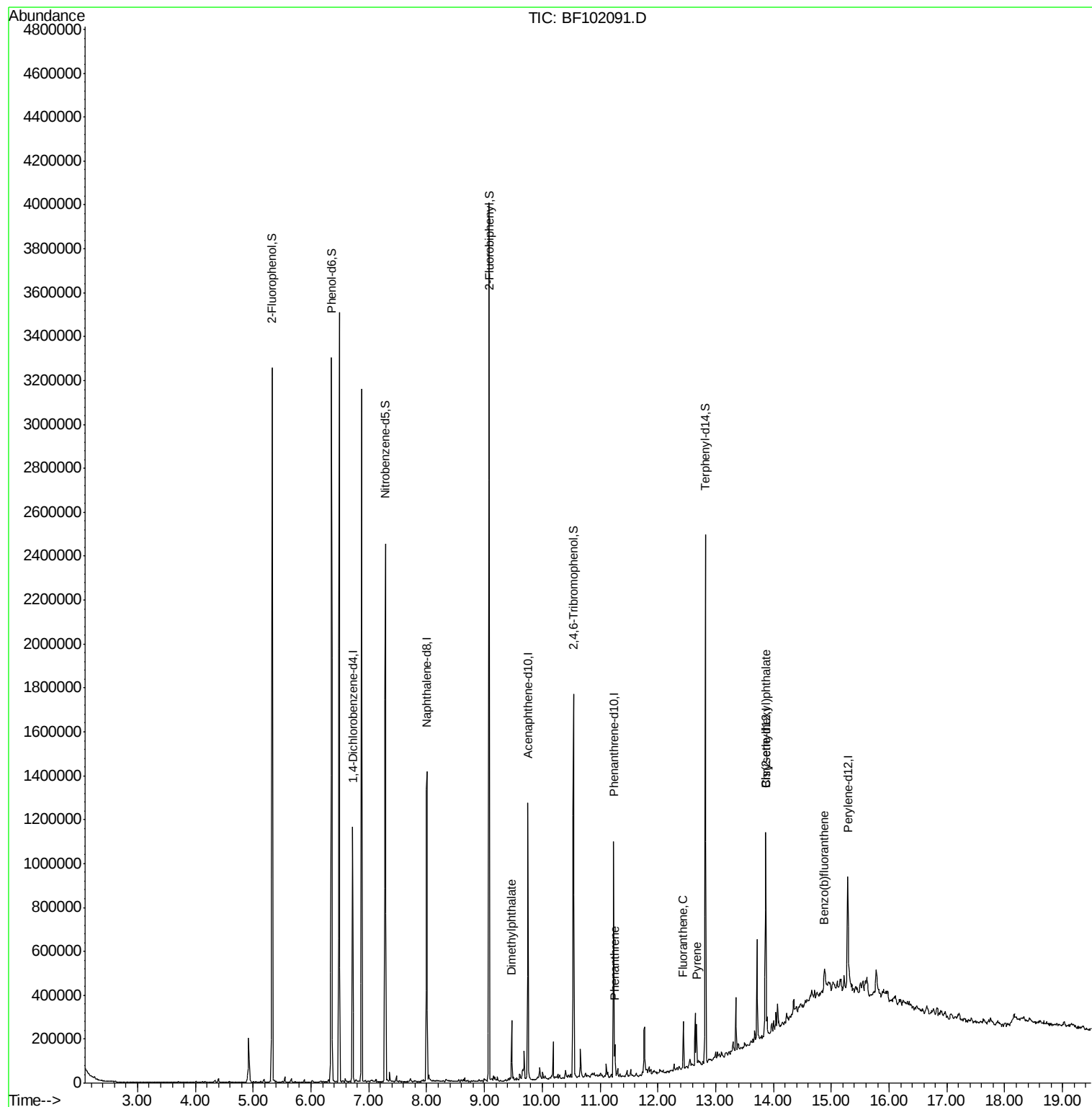
Data Path : U:\HPCHEM1\BNA F\DATA\BF011518\
Data File : BF102091.D
Acq On : 16 Jan 2018 6:05
Operator : SJ/JU
Sample : J1116-05
Misc :
ALS Vial : 28 Sample Multiplier: 1

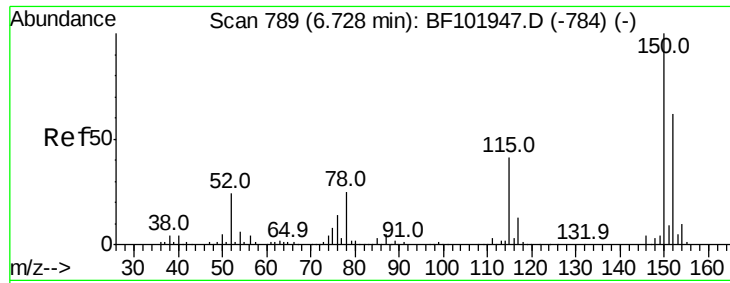
Instrument :
BNA_F
ClientSampleId :
SB-42-4.5-5.0

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Quant Time: Jan 16 07:20:50 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 11 12:53:54 2018
Response via : Initial Calibration





#1

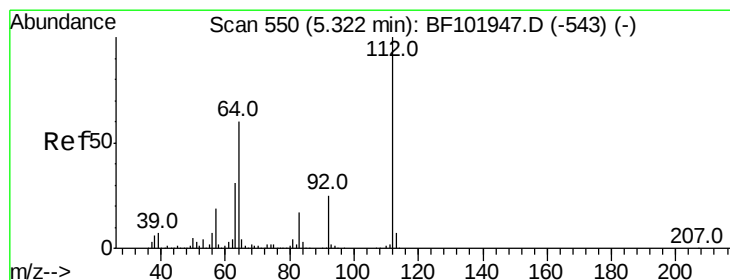
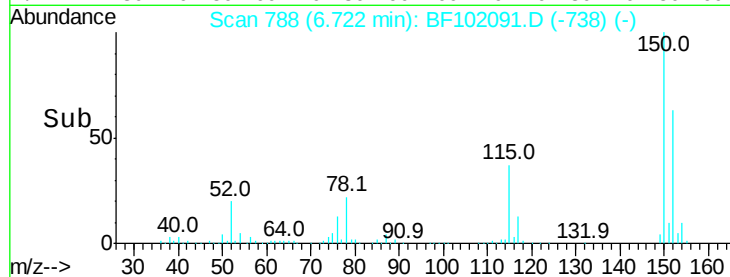
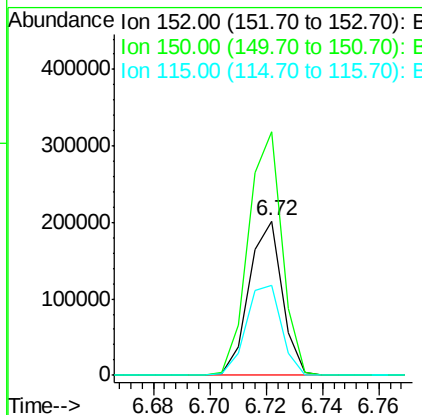
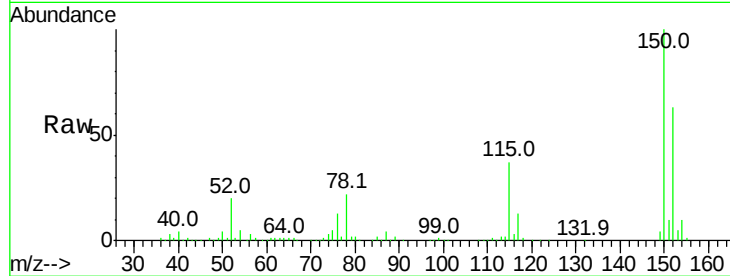
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF102091.D
 Acq: 16 Jan 2018 6:05

Instrument :
 BNA_F
 ClientSampleId :
 SB-42-4.5-5.0

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.6	186.8
115	58.6	50.1	75.1

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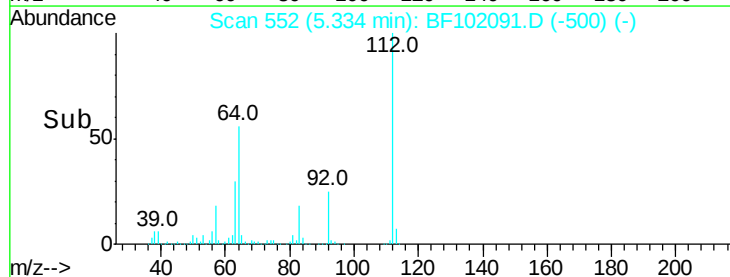
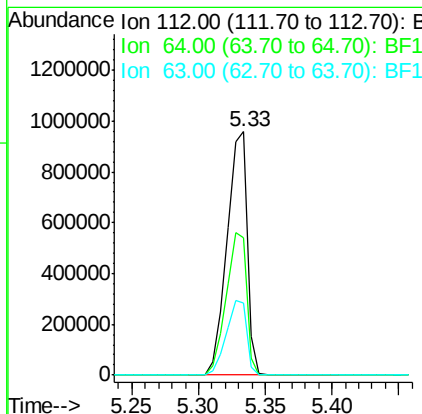
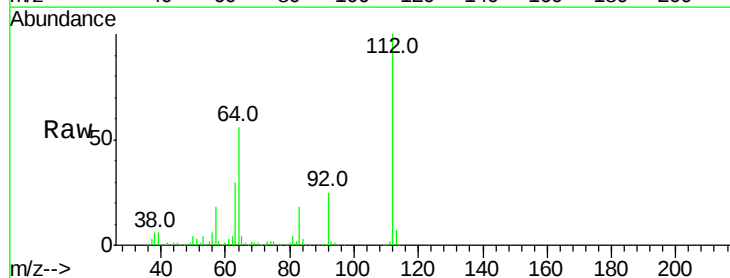
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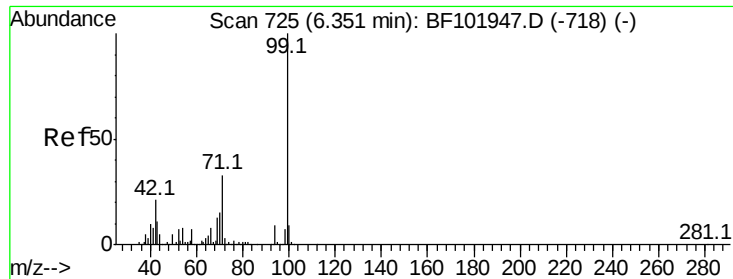


#5

2-Fluorophenol
 Concen: 88.436 ng
 RT: 5.33 min Scan# 552
 Delta R.T. 0.01 min
 Lab File: BF102091.D
 Acq: 16 Jan 2018 6:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.3	47.9	71.9
63	29.5	23.7	35.5





#7

Phenol-d6

Concen: 85.547 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF102091.D

Acq: 16 Jan 2018 6:05

Instrument :

BNA_F

ClientSampleId :

SB-42-4.5-5.0

Tot Ion: 99 Resp: 1192682

Ion Ratio Lower Upper

99 100

42 20.4 14.5 21.7

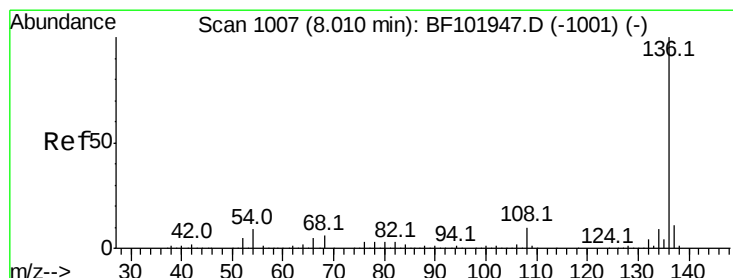
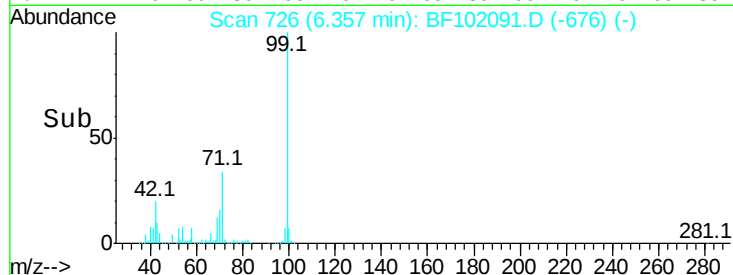
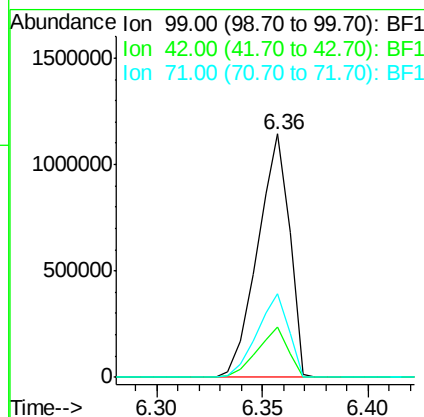
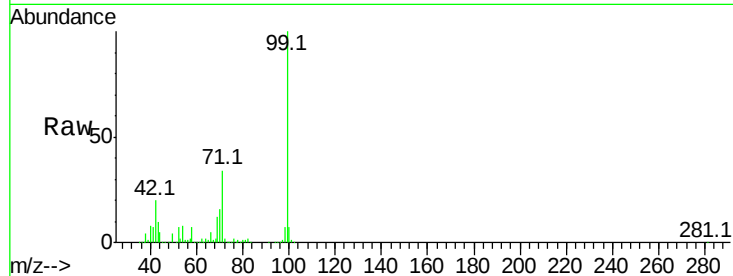
71 34.5 25.4 38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF102091.D

Acq: 16 Jan 2018 6:05

Tgt Ion: 136 Resp: 638536

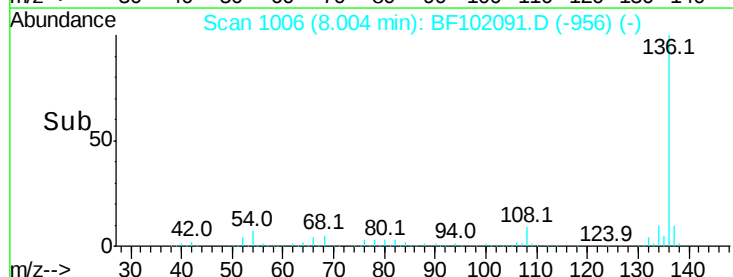
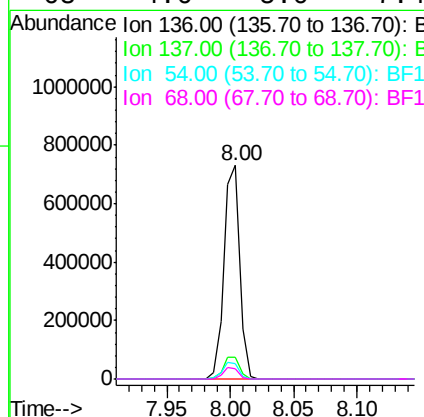
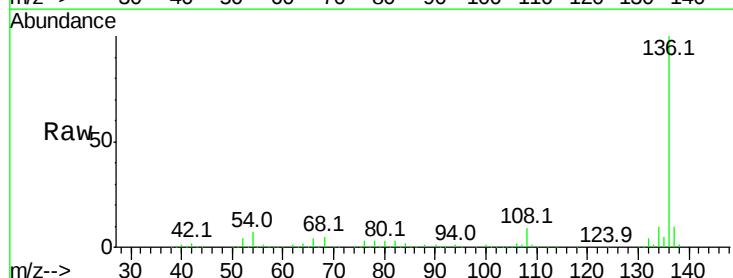
Ion Ratio Lower Upper

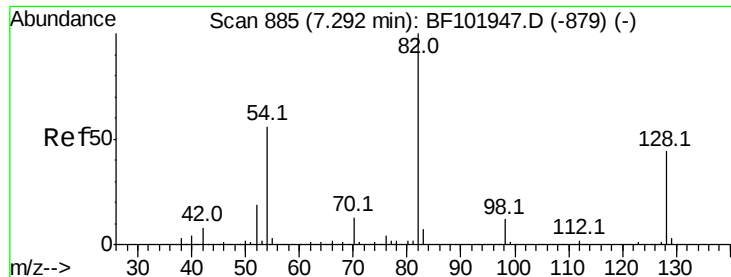
136 100

137 10.5 8.9 13.3

54 7.0 6.6 9.8

68 4.6 5.0 7.4#





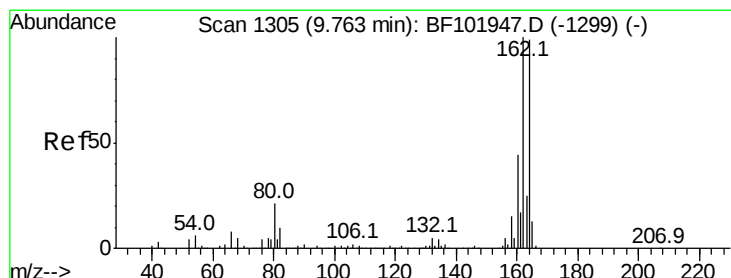
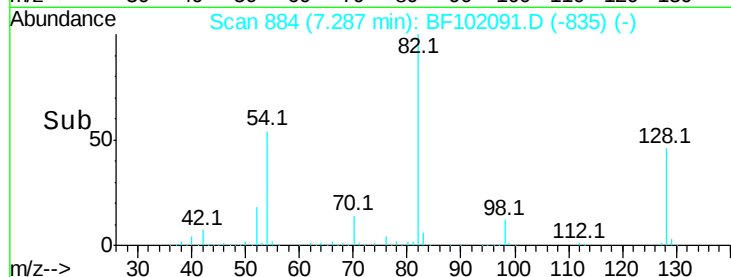
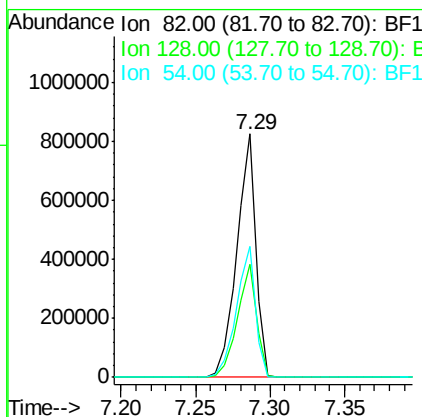
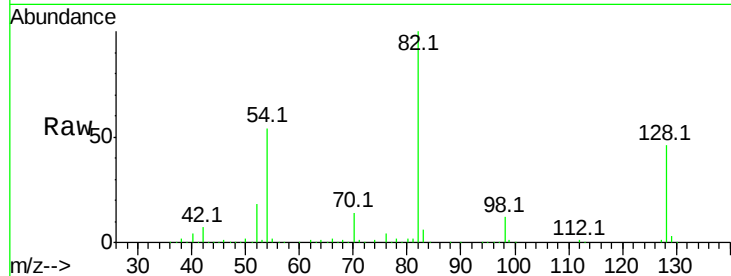
#23
Nitrobenzene-d5
Concen: 68.227 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102091.D
Acq: 16 Jan 2018 6:05

Instrument :
BNA_F
ClientSampled :
SB-42-4.5-5.0

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.1	54.1
54	53.9	41.4	62.2

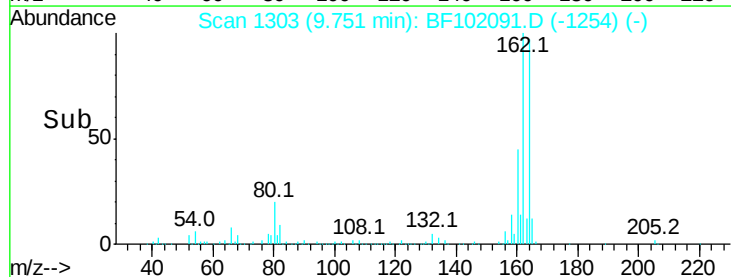
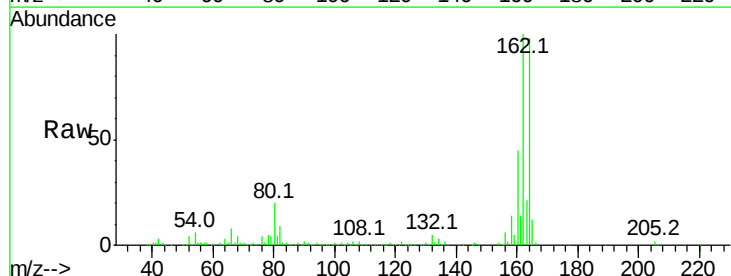
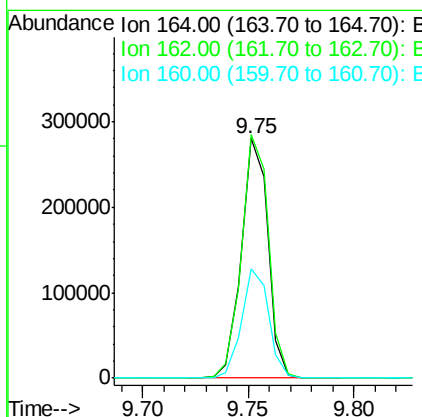
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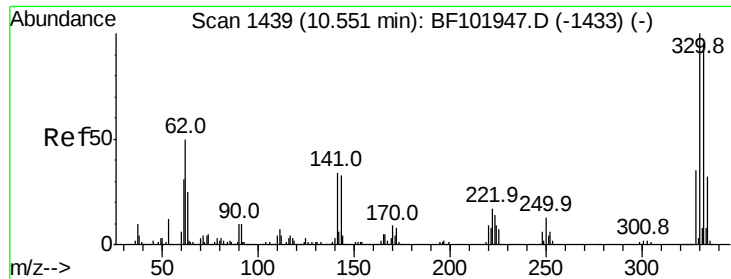
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF102091.D
Acq: 16 Jan 2018 6:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	86.1	129.1
160	45.9	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 85.232 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF102091.D

Acq: 16 Jan 2018 6:05

Instrument :

BNA_F

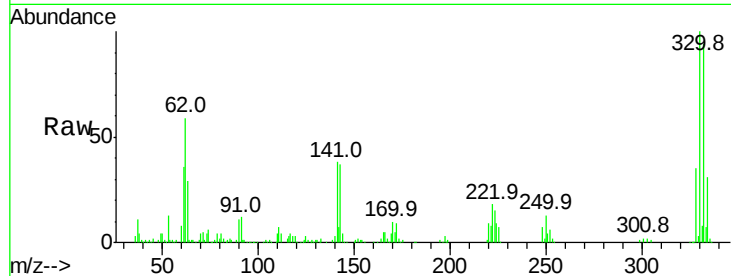
ClientSampled :

SB-42-4.5-5.0

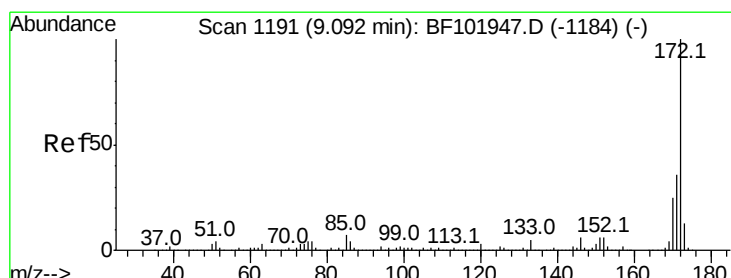
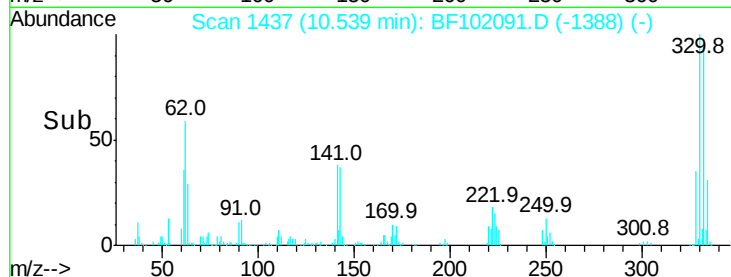
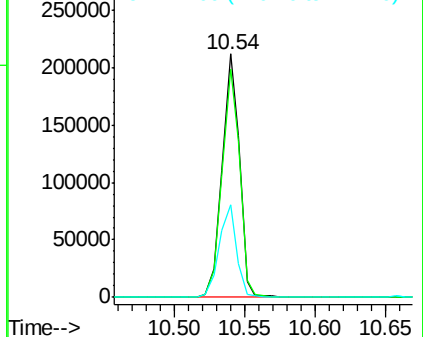
Tot Ion:	330	Resp:	180459
Ion Ratio	Lower	Upper	
330	100		
332	95.3	77.0	115.6
141	38.8	29.9	44.9

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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 74.141 ng

RT: 9.08 min Scan# 1189

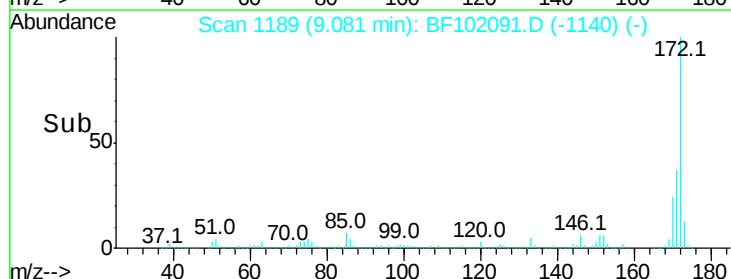
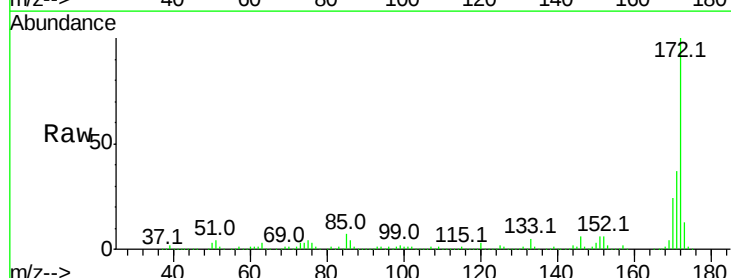
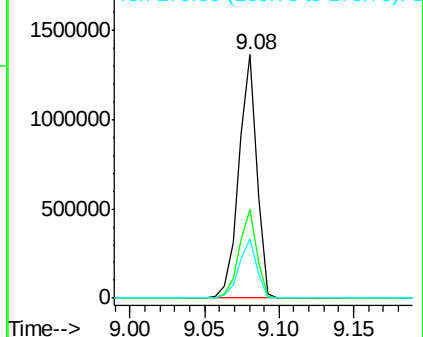
Delta R.T. -0.01 min

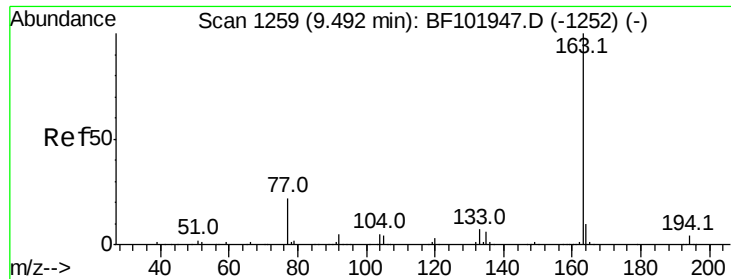
Lab File: BF102091.D

Acq: 16 Jan 2018 6:05

Tgt Ion:	172	Resp:	1151380
Ion Ratio	Lower	Upper	
172	100		
171	36.6	29.7	44.5
170	24.2	19.6	29.4

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





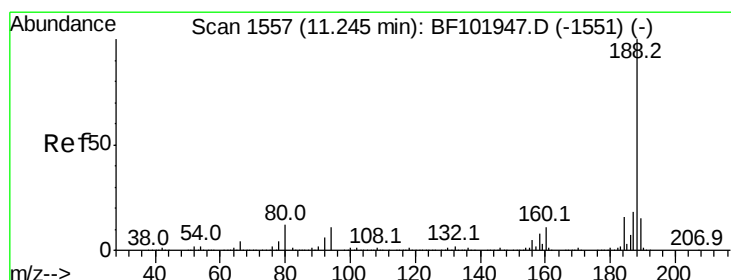
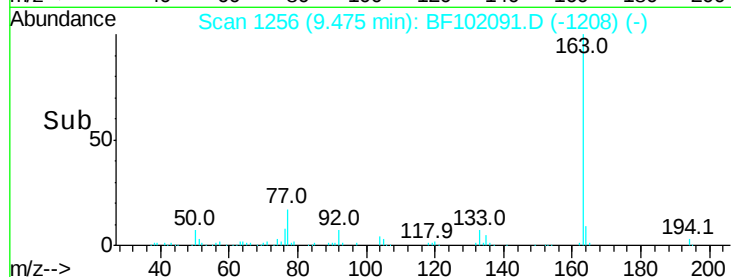
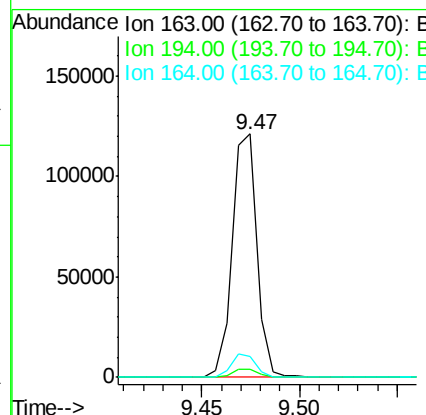
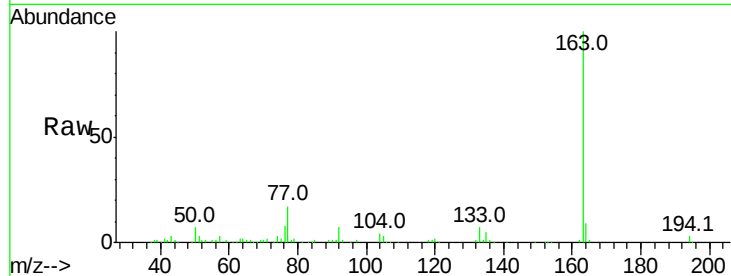
#49
Dimethylphthalate
Concen: 5.470 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF102091.D
Acq: 16 Jan 2018 6:05

Instrument :
BNA_F
ClientSampleId :
SB-42-4.5-5.0

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.4	2.7	4.1	
164	8.6	8.2	12.2	

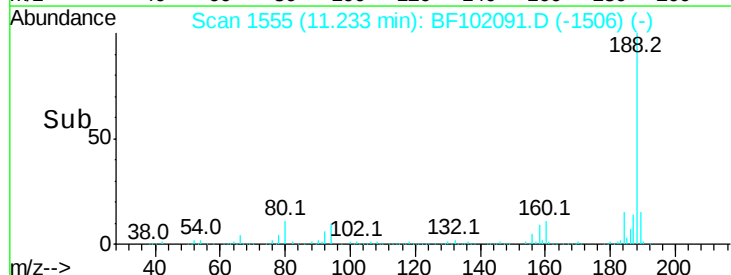
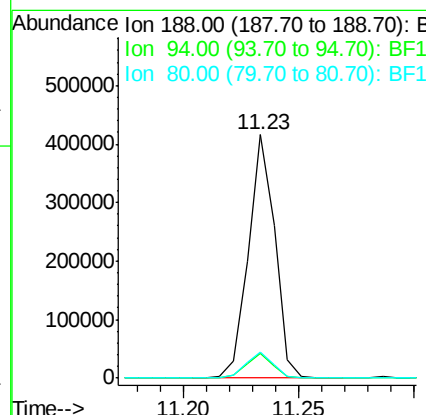
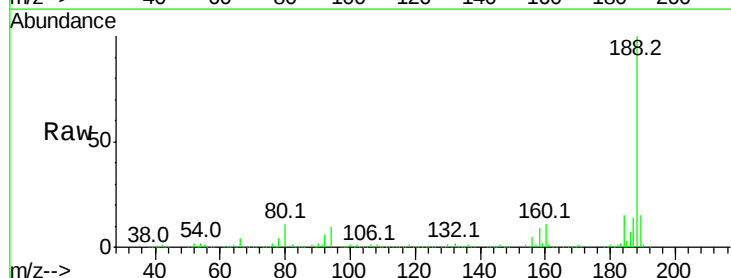
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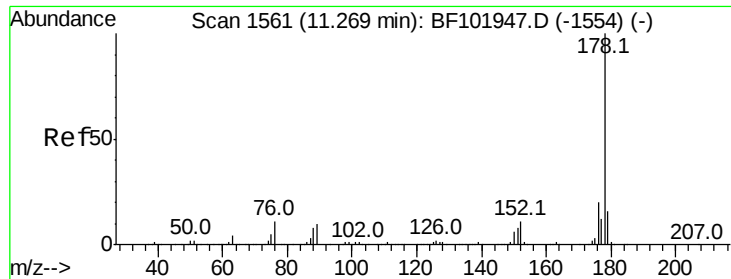
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102091.D
Acq: 16 Jan 2018 6:05

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.4	8.5	12.7	
80	10.9	9.2	13.8	





#70

Phenanthrene

Concen: 2.348 ng

RT: 11.26 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF102091.D

Acq: 16 Jan 2018 6:05

Instrument :

BNA_F

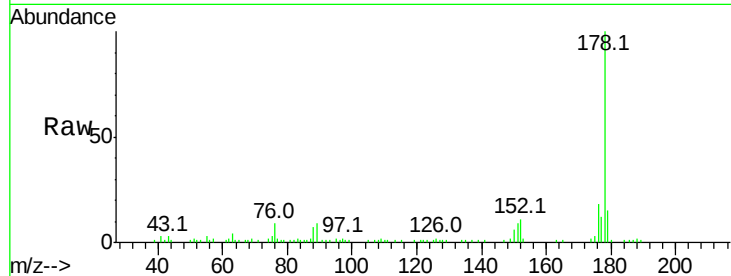
ClientSampleId :

SB-42-4.5-5.0

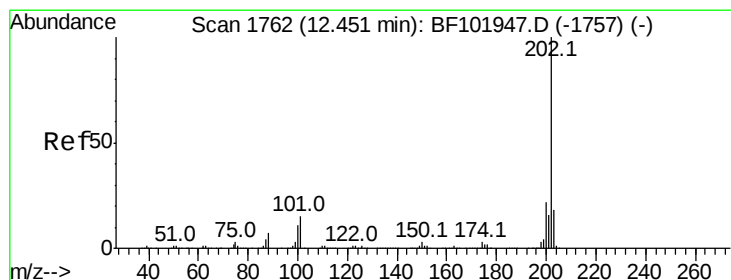
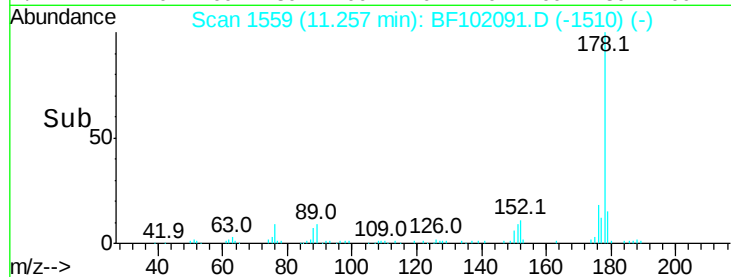
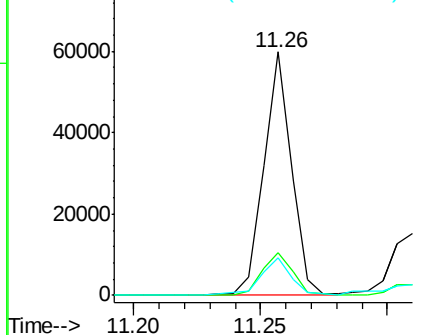
Tot Ion:178	Resp:	45865
Ion Ratio	Lower	Upper
178 100		
176 17.8	15.8	23.8
179 15.2	13.0	19.6

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 3.849 ng

RT: 12.44 min Scan# 1760

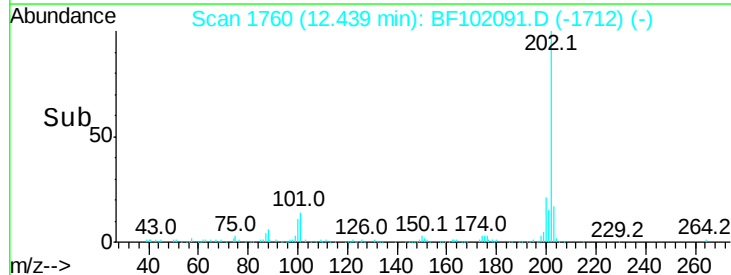
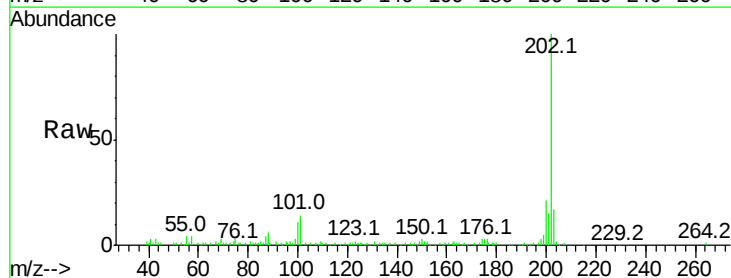
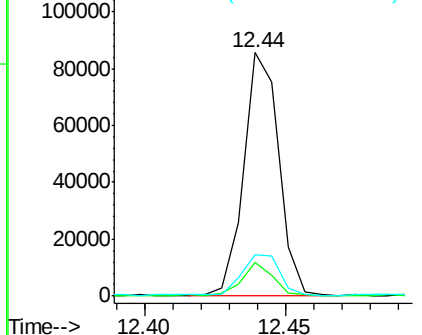
Delta R.T. -0.02 min

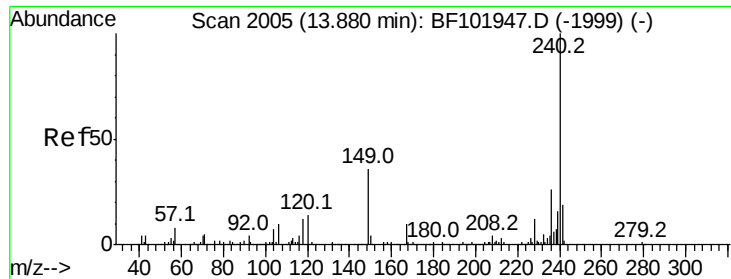
Lab File: BF102091.D

Acq: 16 Jan 2018 6:05

Tgt Ion:202	Resp:	73974
Ion Ratio	Lower	Upper
202 100		
101 13.7	0.0	34.1
203 17.1	0.0	38.1

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





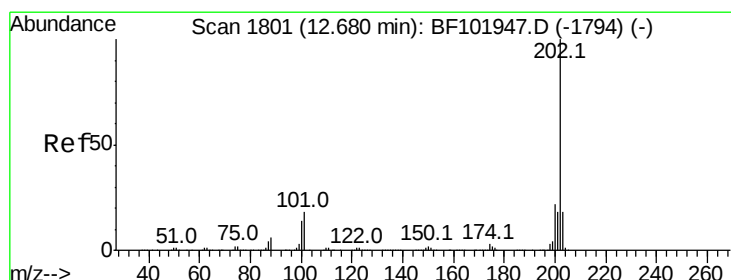
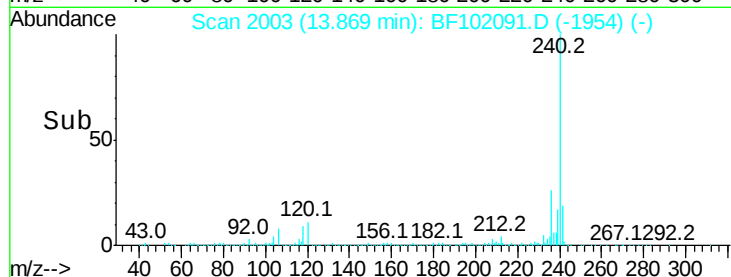
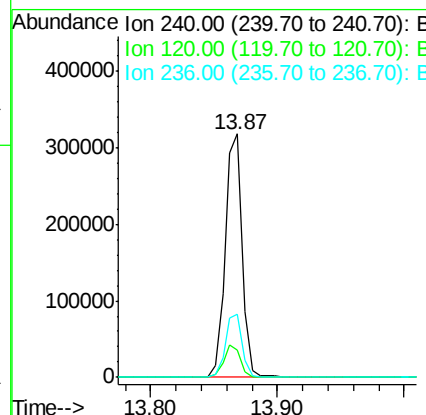
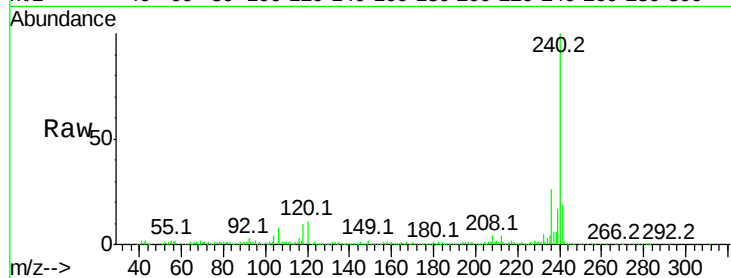
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF102091.D
 Acq: 16 Jan 2018 6:05

Instrument :
 BNA_F
 ClientSampleId :
 SB-42-4.5-5.0

Tot Ion	Ratio	Resp Lower	Upper
240	100		
120	11.0	9.5	14.3
236	26.0	20.7	31.1

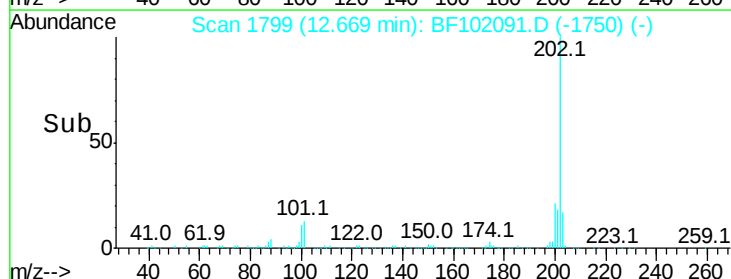
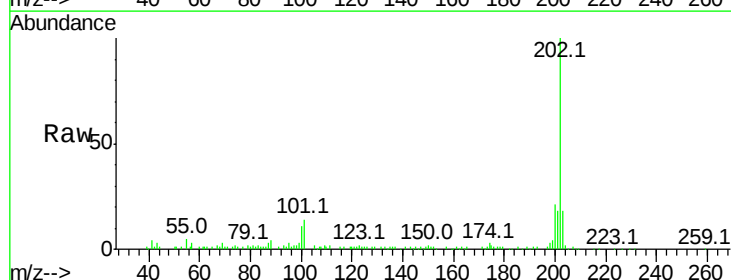
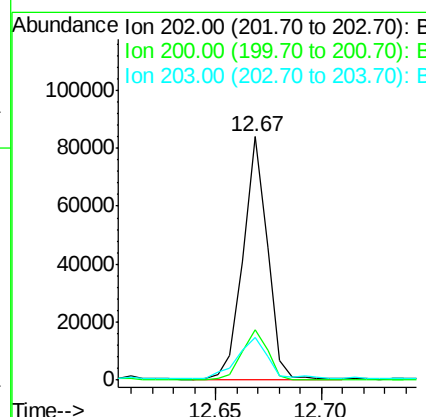
Manual Integrations
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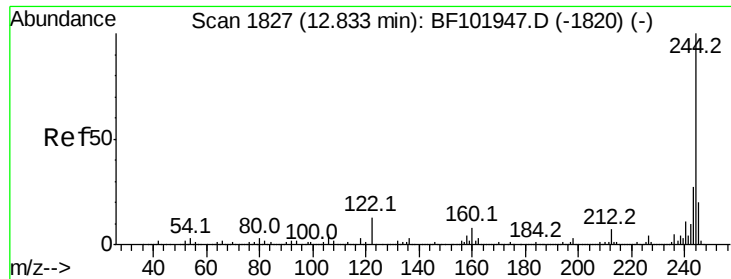
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#77
 Pyrene
 Concen: 2.566 ng
 RT: 12.67 min Scan# 1799
 Delta R.T. -0.01 min
 Lab File: BF102091.D
 Acq: 16 Jan 2018 6:05

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
200	20.5	17.4	26.2
203	17.7	14.3	21.5





#78

Terphenyl-d14

Concen: 52.823 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102091.D

Acq: 16 Jan 2018 6:05

Instrument :

BNA_F

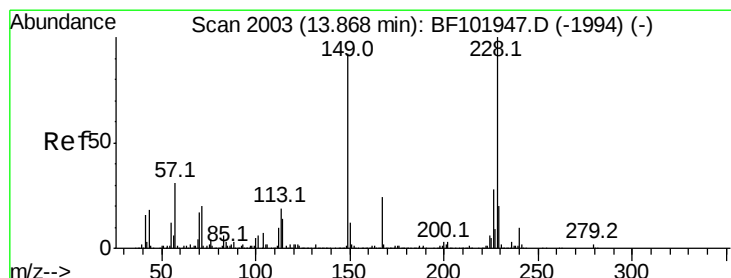
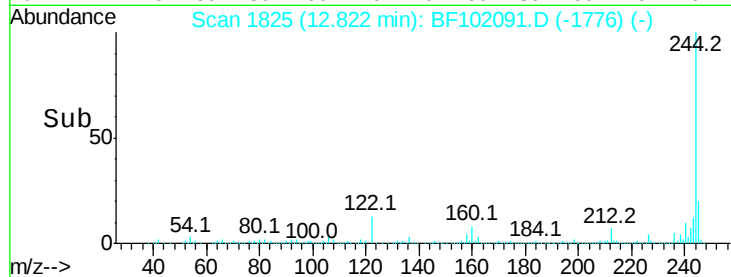
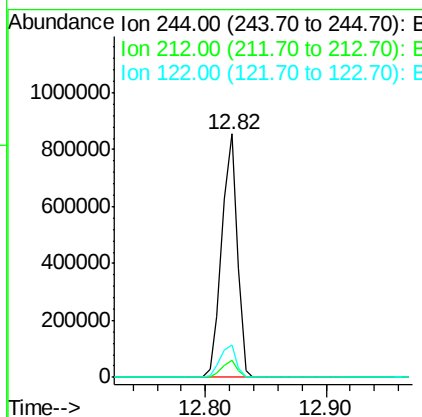
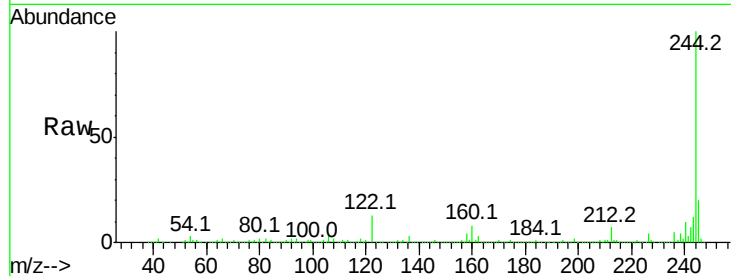
ClientSampleId :

SB-42-4.5-5.0

Tot Ion:	244	Resp:	759605
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.4	8.0
122	13.3	11.0	16.4

Manual Integrations
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Sohil
1/16/2018 5:01:33 PM



#83

Bis(2-ethylhexyl)phthalate

Concen: 3.118 ng

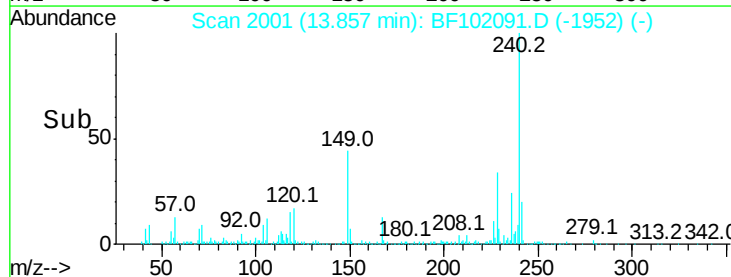
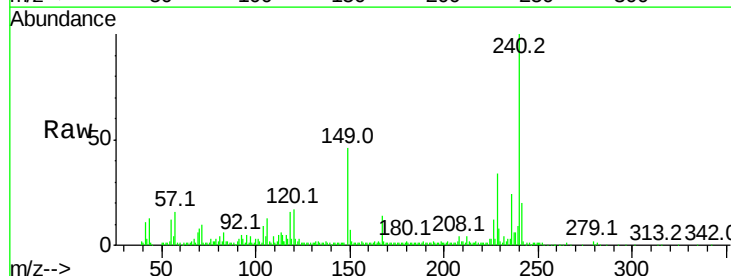
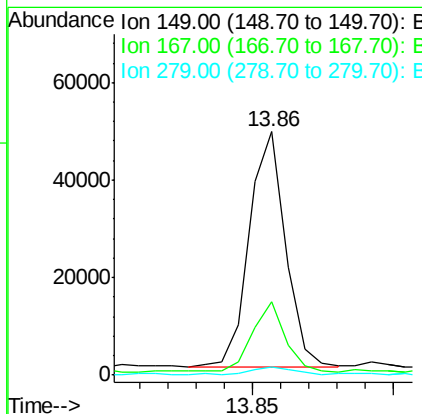
RT: 13.86 min Scan# 2001

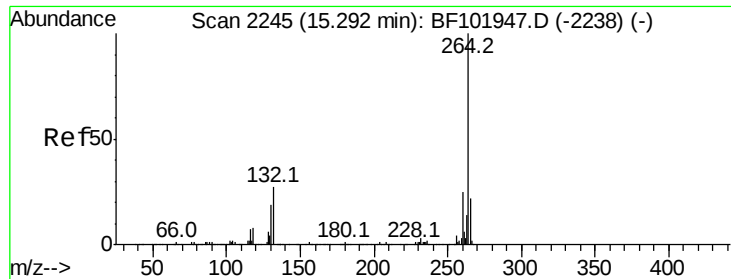
Delta R.T. -0.01 min

Lab File: BF102091.D

Acq: 16 Jan 2018 6:05

Tgt Ion:	149	Resp:	43328
Ion Ratio	Lower	Upper	
149	100		
167	30.0	21.3	31.9
279	3.3	3.0	4.4





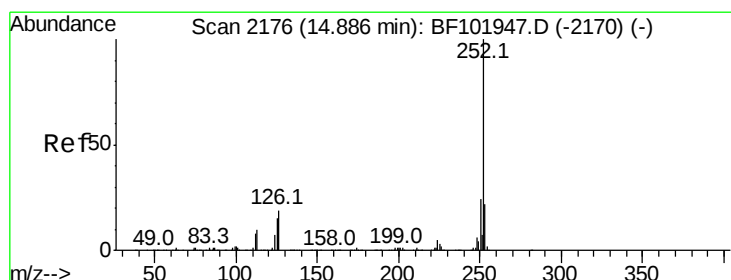
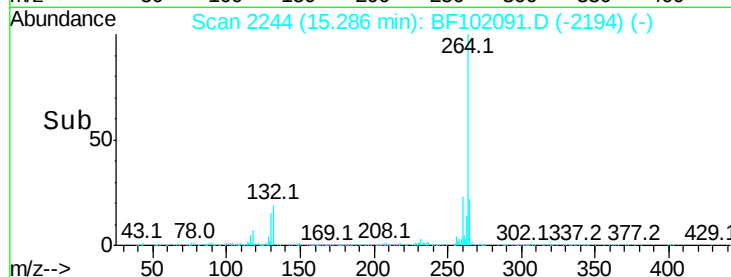
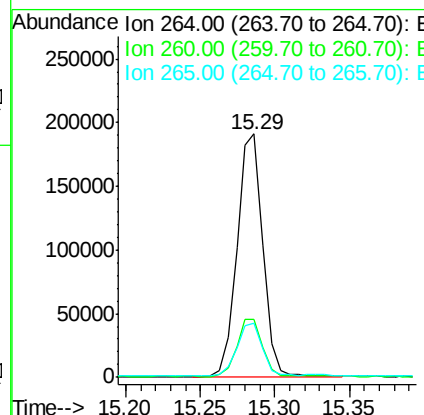
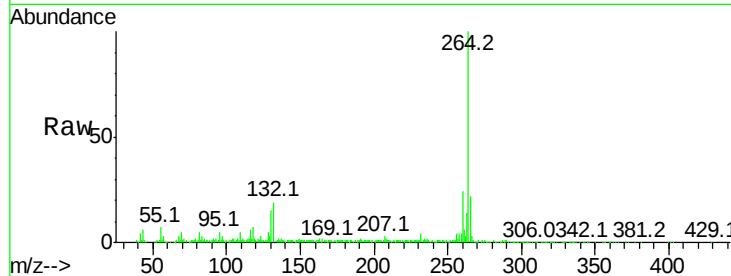
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. -0.01 min
Lab File: BF102091.D
Acq: 16 Jan 2018 6:05

Instrument :
BNA_F
ClientSampled :
SB-42-4.5-5.0

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.2	17.5	26.3

Manual Integrations
APPROVED

Sohil
1/16/2018 5:01:33 PM



#87
Benzo(b)fluoranthene
Concen: 2.903 ng m
RT: 14.88 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BF102091.D
Acq: 16 Jan 2018 6:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	32.5	17.0	25.6#
125	21.3	9.0	13.6#

