

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012218\
 Data File : BF102311.D
 Acq On : 22 Jan 2018 20:43
 Operator : SJ/JU
 Sample : J1116-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

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

Manual Integrations
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 1/23/2018 12:46:44 PM

Quant Time: Jan 23 02:35:35 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 22 13:38:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	131600	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	525708	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	210611	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	309124	20.00	ng	0.00
75) Chrysene-d12	13.87	240	266733	20.00	ng	0.00
86) Perylene-d12	15.29	264	218730	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	830352	95.67	ng	0.00
7) Phenol-d6	6.36	99	984002	94.04	ng	0.00
23) Nitrobenzene-d5	7.28	82	599529	65.54	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	164680	78.91	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	969815	67.71	ng	0.00
78) Terphenyl-d14	12.82	244	713234	60.28	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.47	163	89925	5.166	ng	98
70) Phenanthrene	11.26	178	42039	2.334	ng	96
74) Fluoranthene	12.44	202	69721	3.796	ng	96
77) Pyrene	12.67	202	64378	3.122	ng	98
80) Benzo(a)anthracene	13.86	228	33504m	2.040	ng	
83) Bis(2-ethylhexyl)phthalate	13.85	149	42586	3.088	ng	99
87) Benzo(b)fluoranthene	14.89	252	41168m	2.904	ng	

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

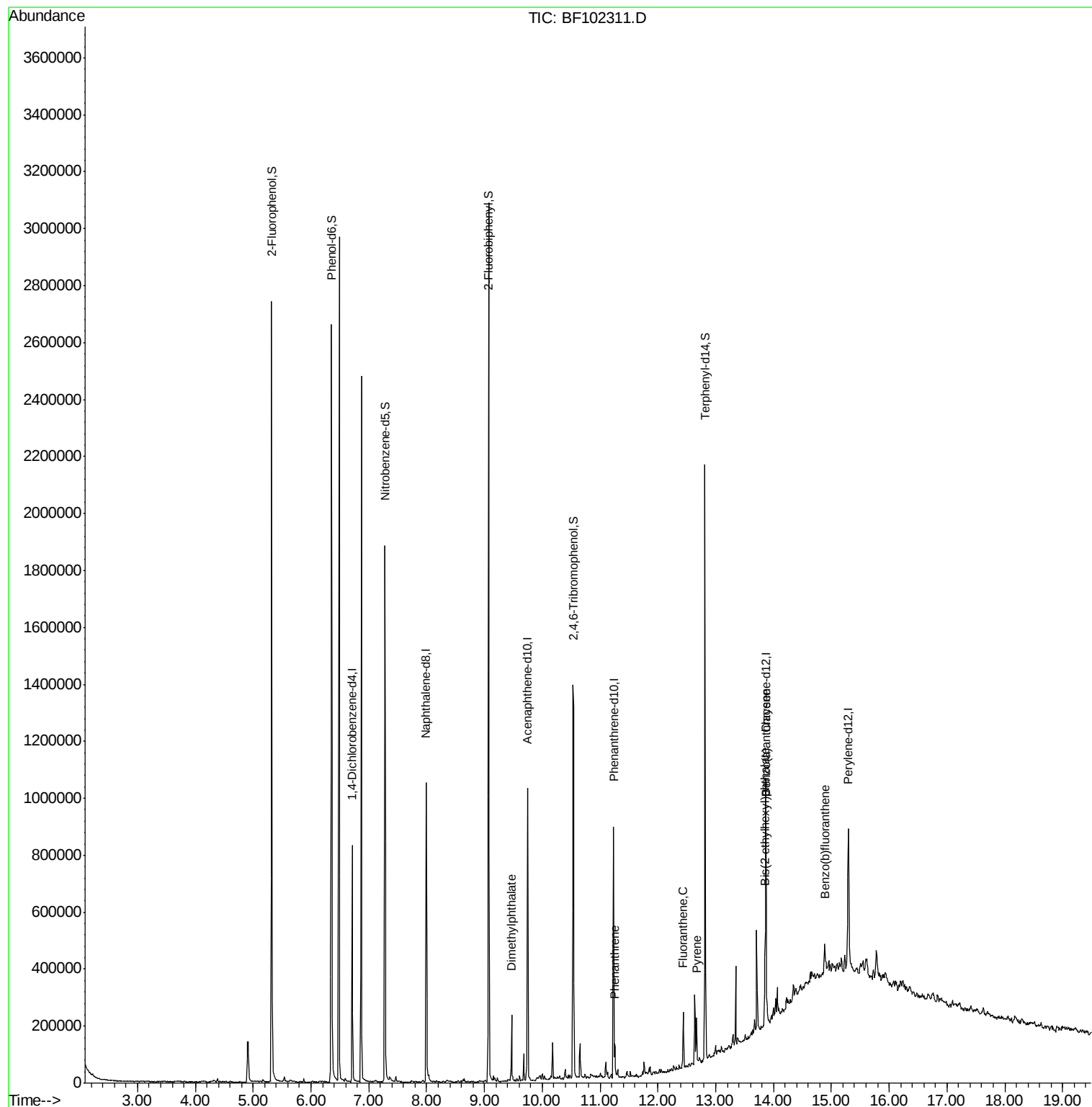
Data Path : Z:\HPCHEM1\BNA F\DATA\BF012218\
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Operator : SJ/JU
Sample : J1116-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

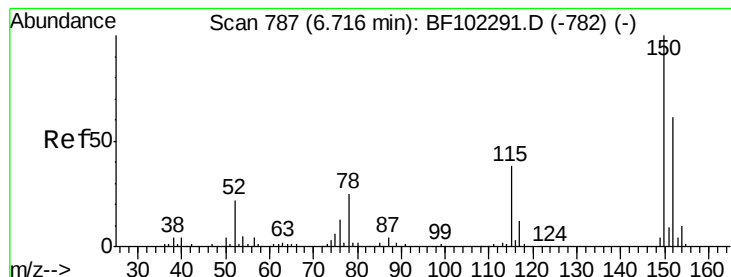
Instrument :
BNA_F
ClientSampleId :
SB-42-4.5-5.0

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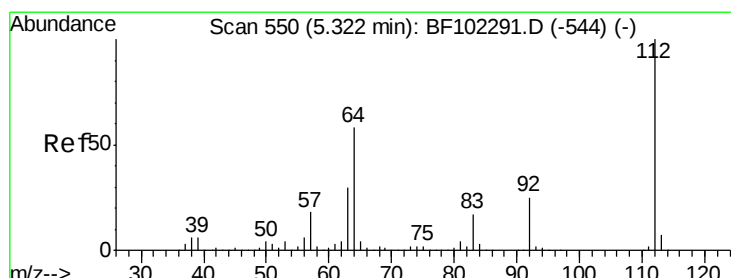
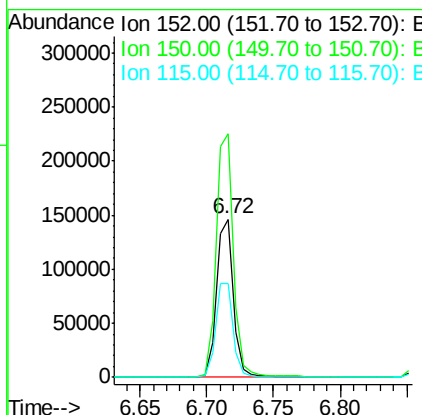
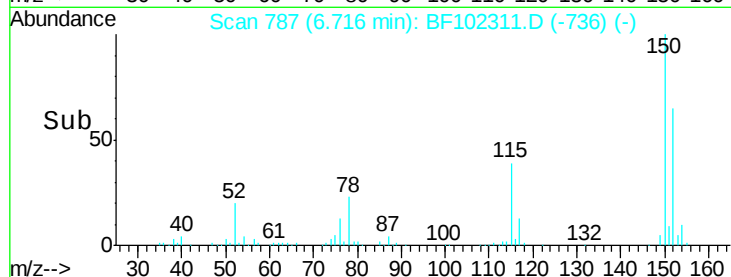
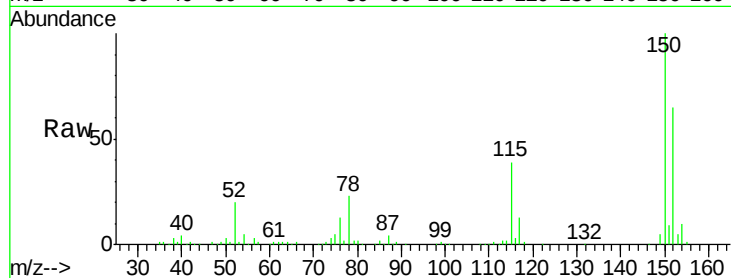
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF102311.D
 Acq: 22 Jan 2018 20:43

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.6	186.8
115	59.7	50.1	75.1

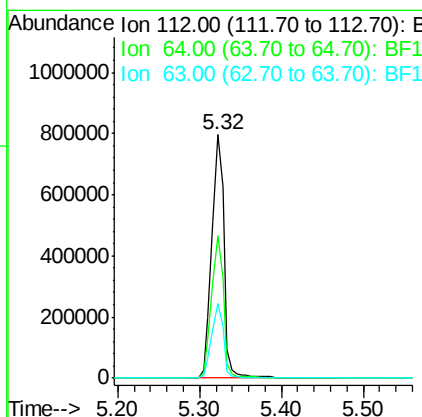
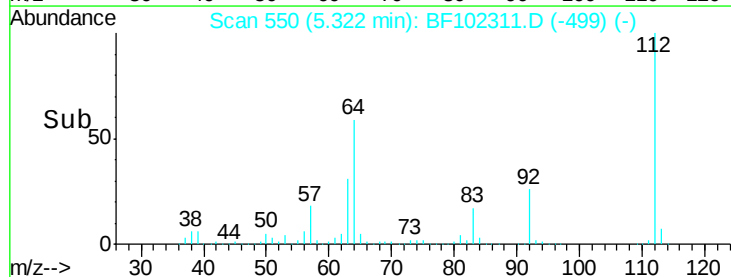
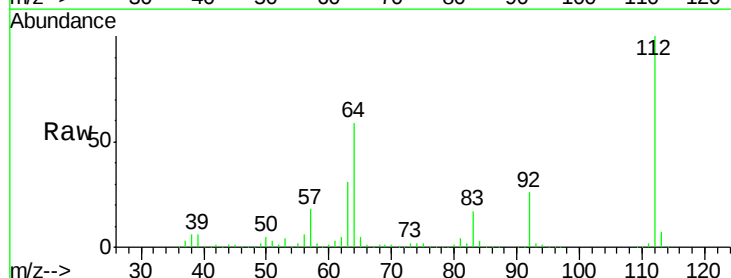
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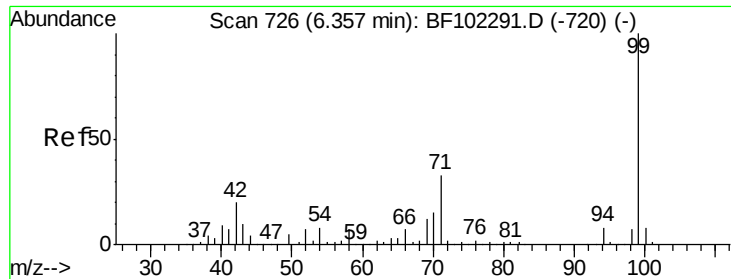
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#5
 2-Fluorophenol
 Concen: 95.671 ng
 RT: 5.32 min Scan# 550
 Delta R.T. -0.00 min
 Lab File: BF102311.D
 Acq: 22 Jan 2018 20:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.7	47.9	71.9
63	30.7	23.7	35.5





#7

Phenol-d6

Concen: 94.040 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF102311.D

Acq: 22 Jan 2018 20:43

Instrument :

BNA_F

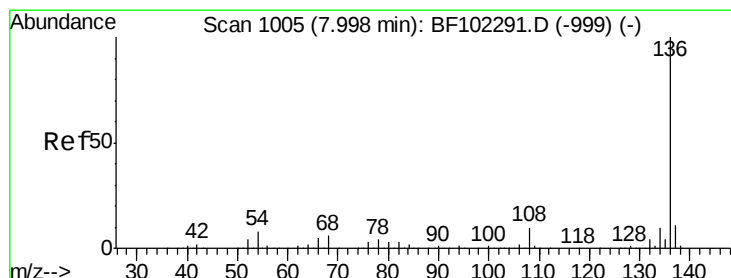
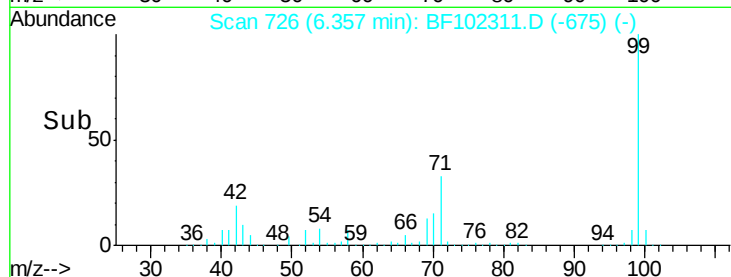
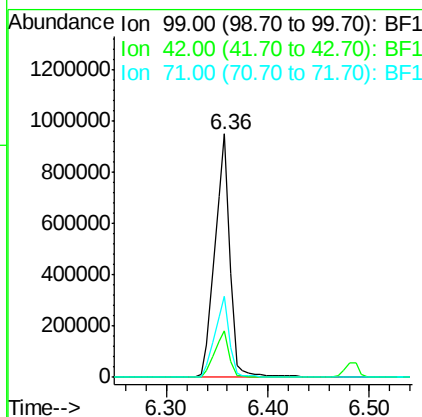
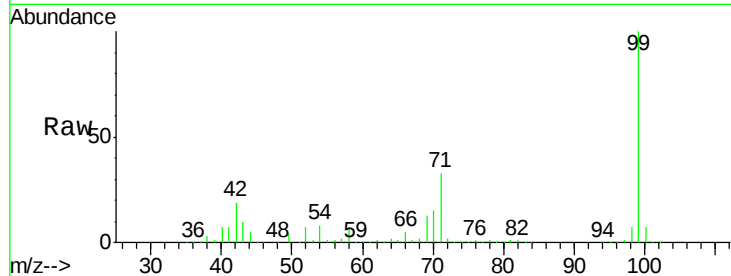
ClientSampleId :

SB-42-4.5-5.0

Tot Ion:	99	Resp:	984002
Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.5	21.7
71	33.1	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

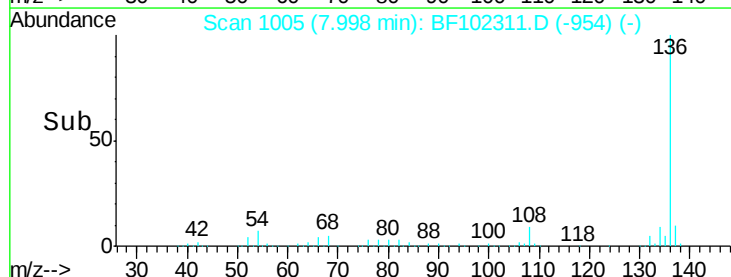
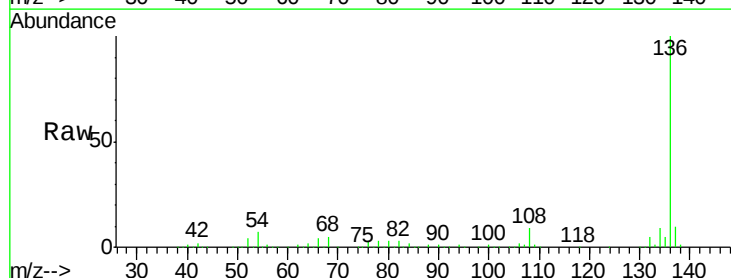
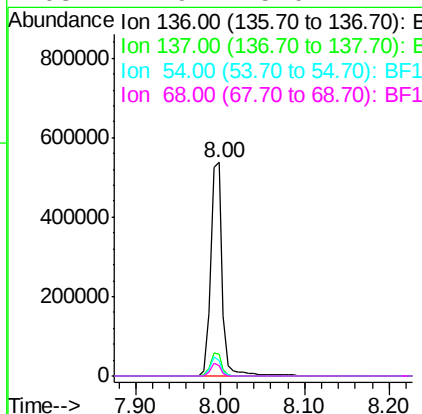
RT: 8.00 min Scan# 1005

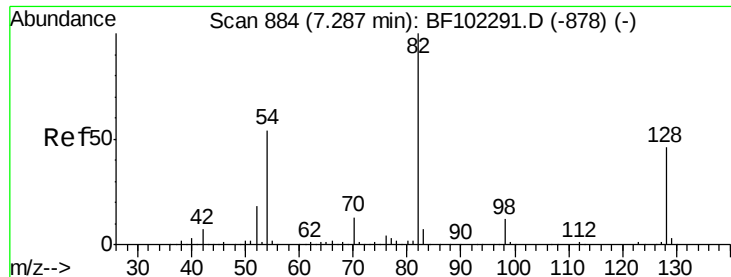
Delta R.T. -0.00 min

Lab File: BF102311.D

Acq: 22 Jan 2018 20:43

Tgt Ion:	136	Resp:	525708
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.9	13.3
54	7.3	6.6	9.8
68	4.9	5.0	7.4#





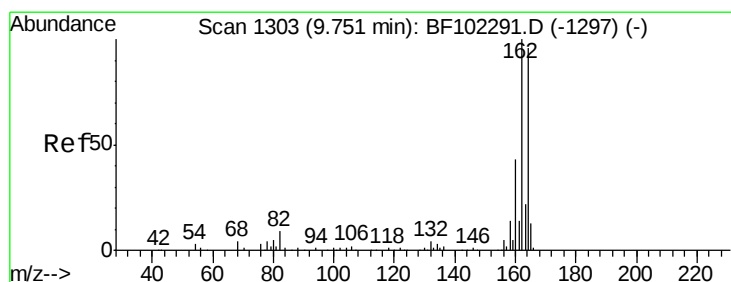
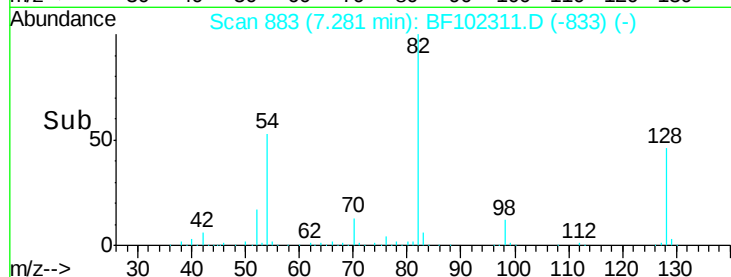
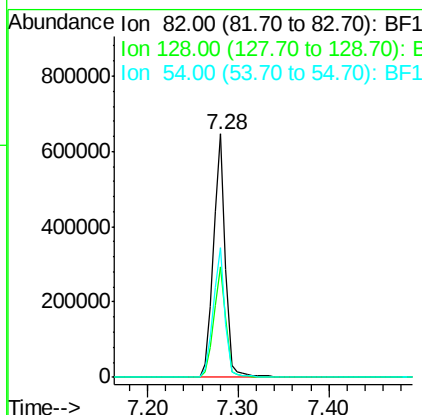
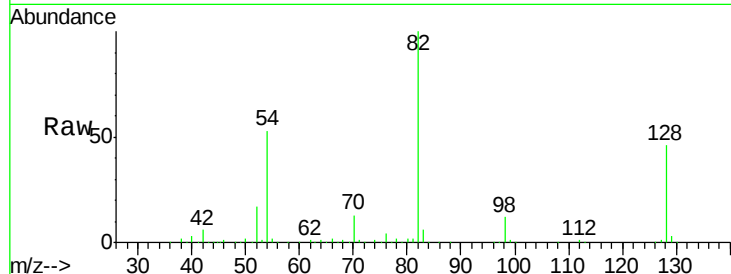
#23
Nitrobenzene-d5
Concen: 65.537 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102311.D
Acq: 22 Jan 2018 20:43

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

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.5	36.1	54.1	
54	53.1	41.4	62.2	

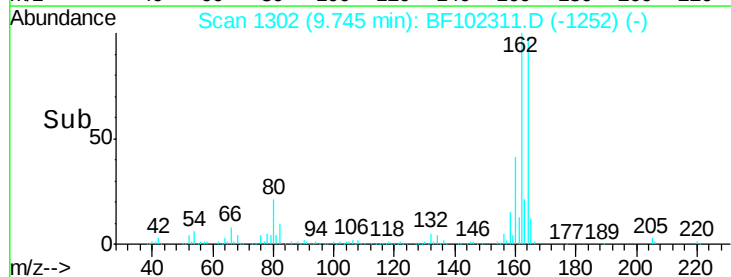
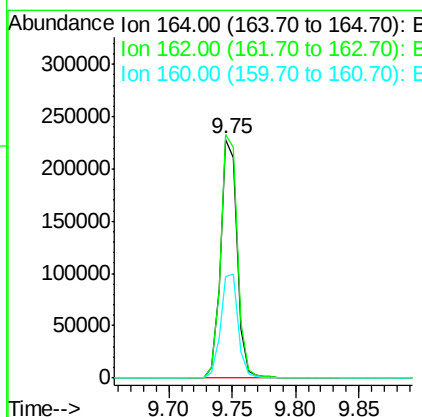
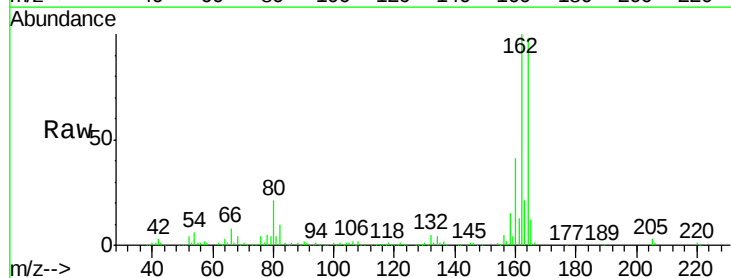
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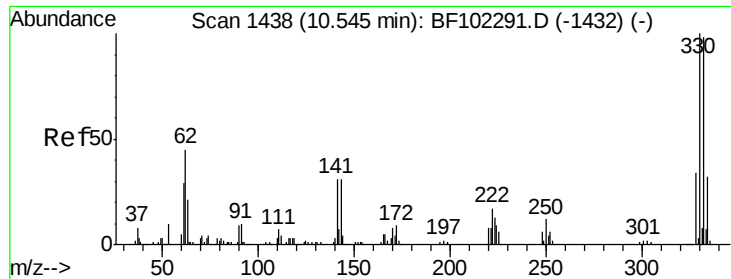
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF102311.D
Acq: 22 Jan 2018 20:43

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.0	86.1	129.1	
160	42.3	38.3	57.5	





#41

2,4,6-Tribromophenol

Concen: 78.913 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF102311.D

Acq: 22 Jan 2018 20:43

Instrument :

BNA_F

ClientSampleId :

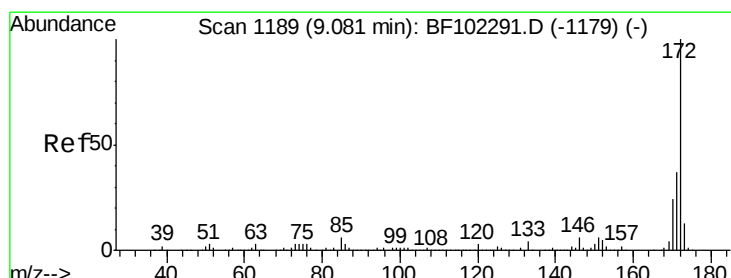
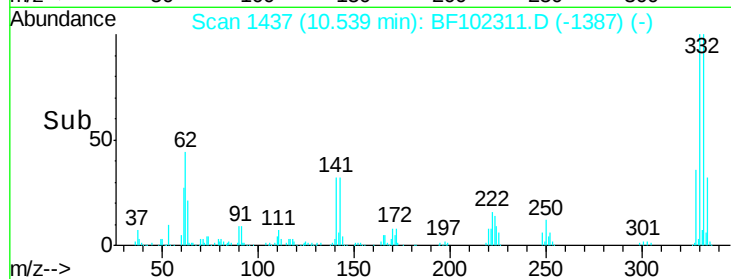
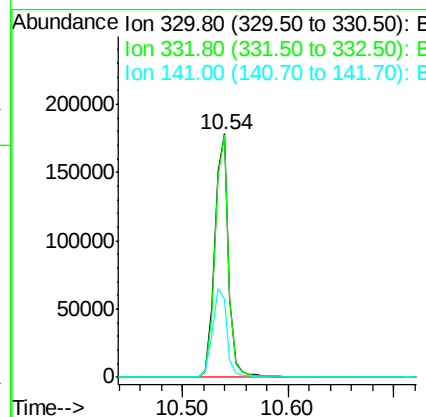
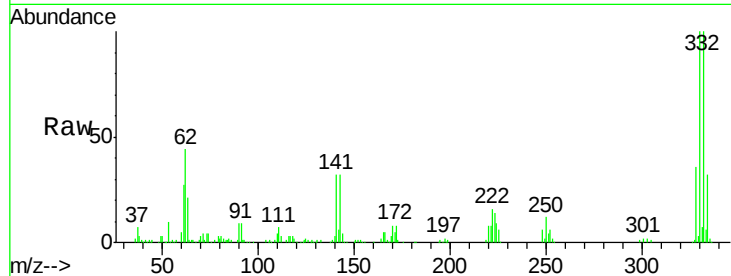
SB-42-4.5-5.0

Tot Ion:	330	Resp:	164680
Ion Ratio	Lower	Upper	
330	100		
332	97.8	77.0	115.6
141	38.2	29.9	44.9

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#44

2-Fluorobiphenyl

Concen: 67.706 ng

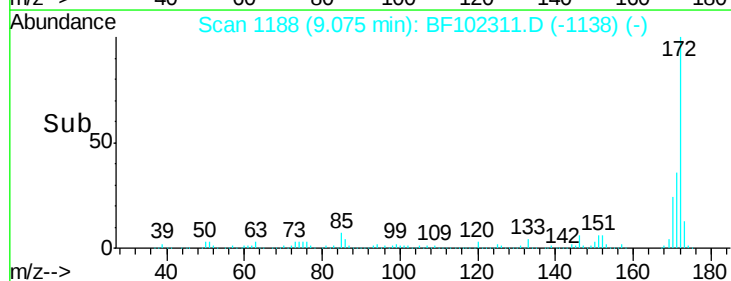
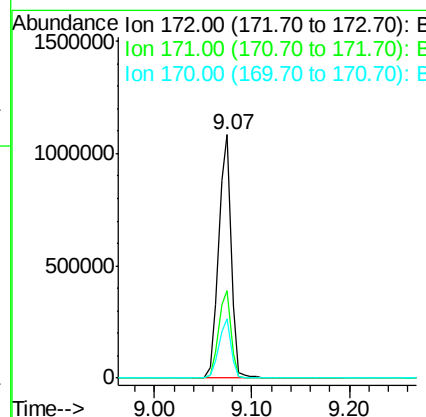
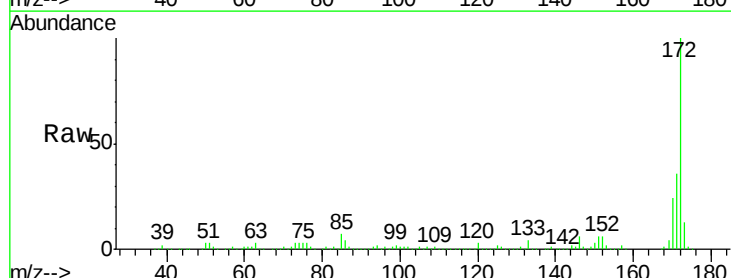
RT: 9.07 min Scan# 1188

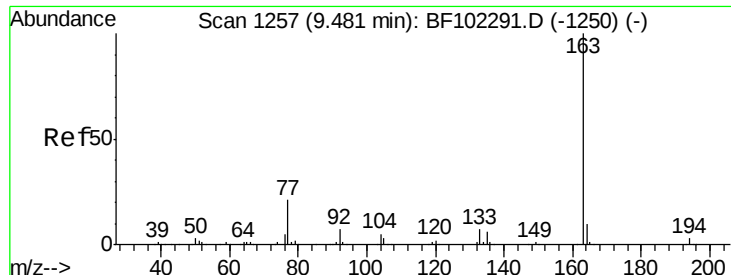
Delta R.T. -0.01 min

Lab File: BF102311.D

Acq: 22 Jan 2018 20:43

Tgt Ion:	172	Resp:	969815
Ion Ratio	Lower	Upper	
172	100		
171	36.1	29.7	44.5
170	24.4	19.6	29.4





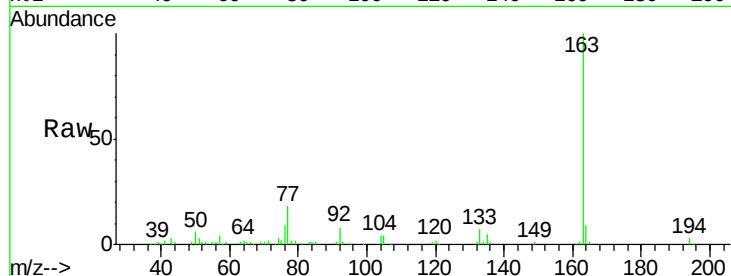
#49
Dimethylphthalate
Concen: 5.166 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF102311.D
Acq: 22 Jan 2018 20:43

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

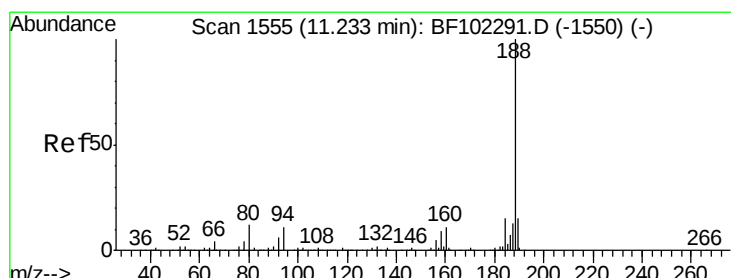
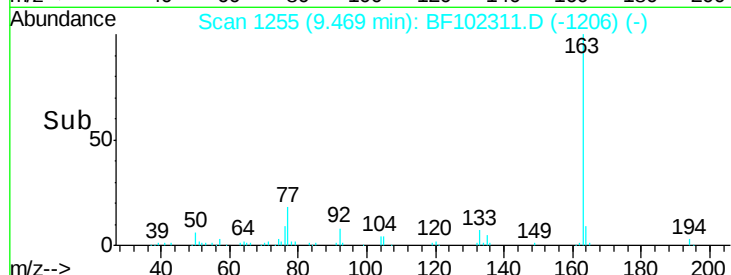
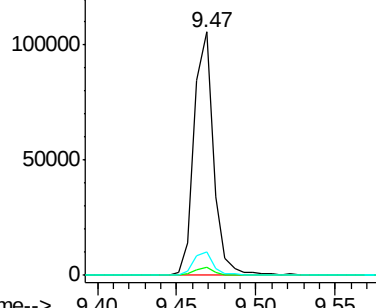
Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		89925		
194	3.3		2.7	4.1	
164	9.4		8.2	12.2	

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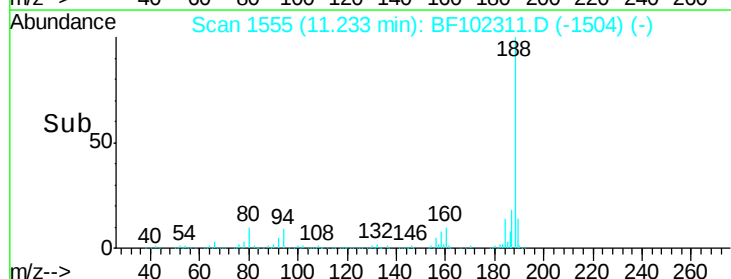
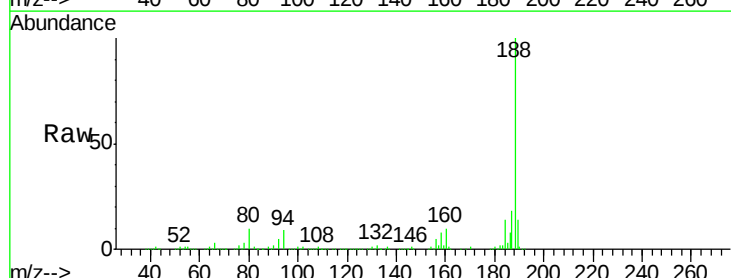
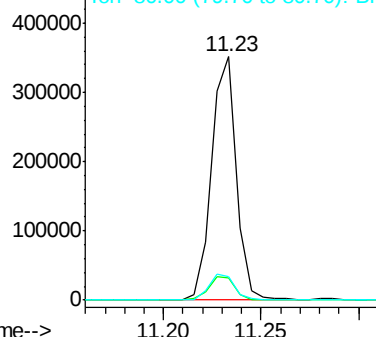
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

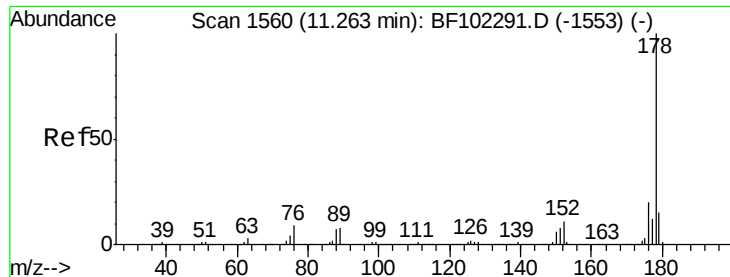


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF102311.D
Acq: 22 Jan 2018 20:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		309124		
94	9.0		8.5	12.7	
80	9.5		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





#70

Phenanthrene

Concen: 2.334 ng

RT: 11.26 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF102311.D

Acq: 22 Jan 2018 20:43

Instrument :

BNA_F

ClientSampleId :

SB-42-4.5-5.0

Tot Ion:178 Resp: 42039

Ion Ratio Lower Upper

178 100

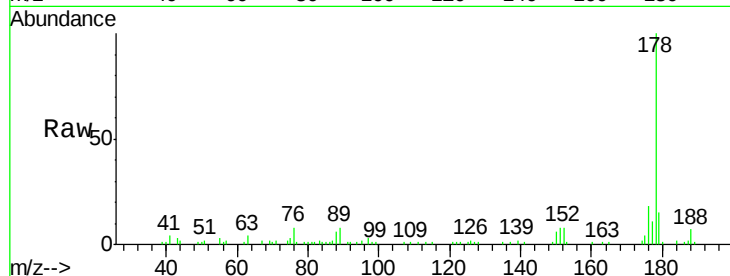
176 18.1 15.8 23.8

179 14.7 13.0 19.6

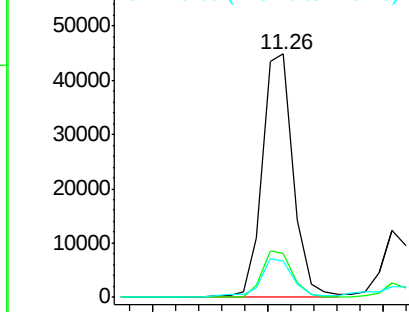
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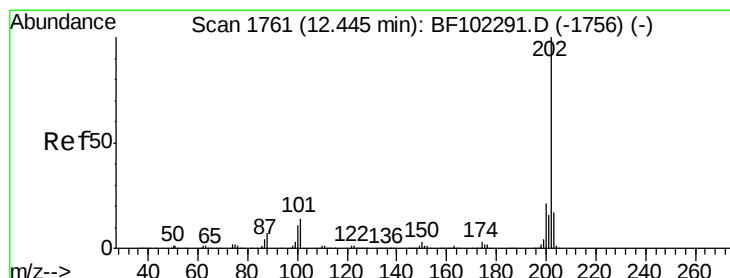
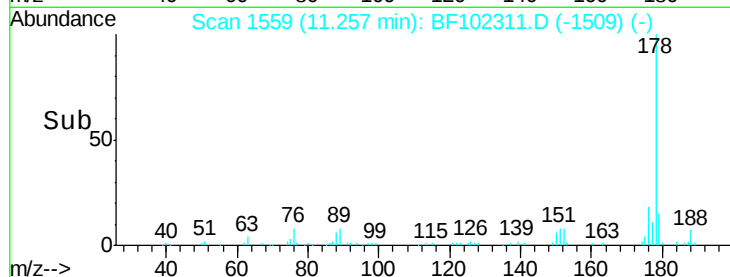
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



Time-->



#74

Fluoranthene

Concen: 3.796 ng

RT: 12.44 min Scan# 1760

Delta R.T. -0.01 min

Lab File: BF102311.D

Acq: 22 Jan 2018 20:43

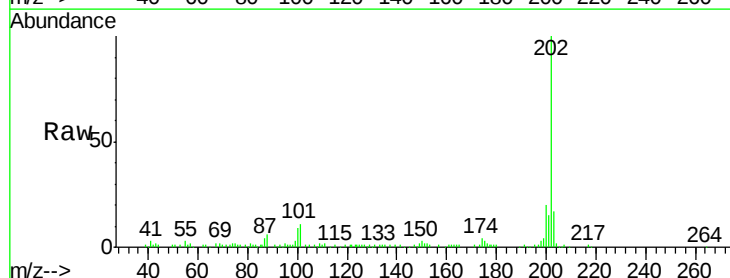
Tgt Ion:202 Resp: 69721

Ion Ratio Lower Upper

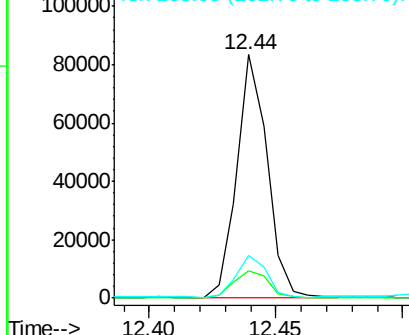
202 100

101 11.4 0.0 34.1

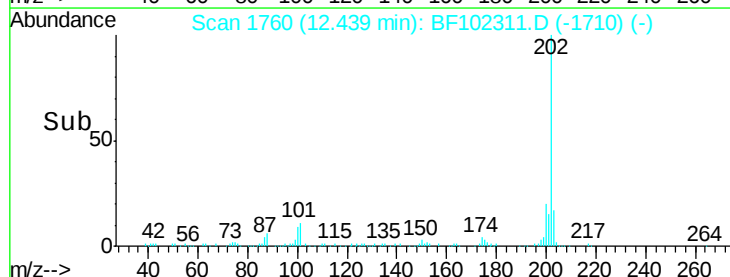
203 17.3 0.0 38.1

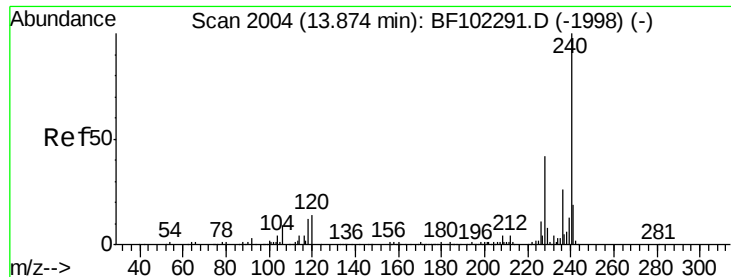


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF102311.D

Acq: 22 Jan 2018 20:43

Instrument :

BNA_F

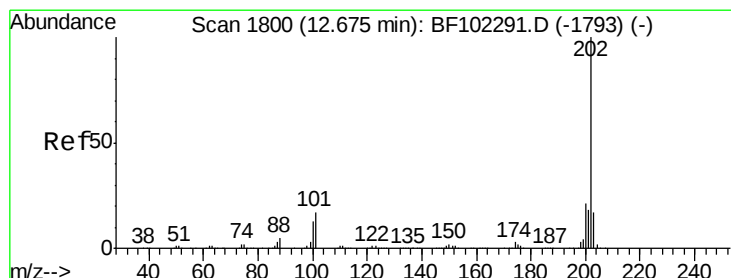
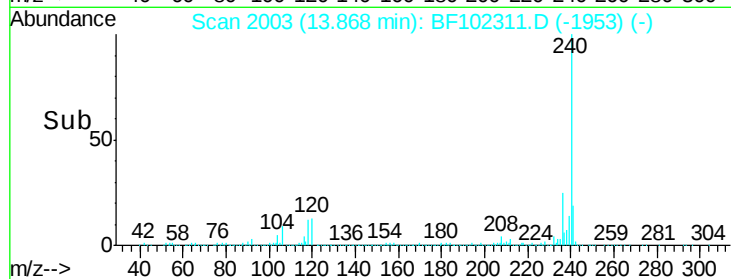
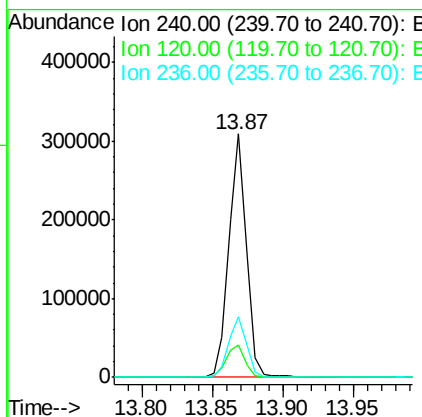
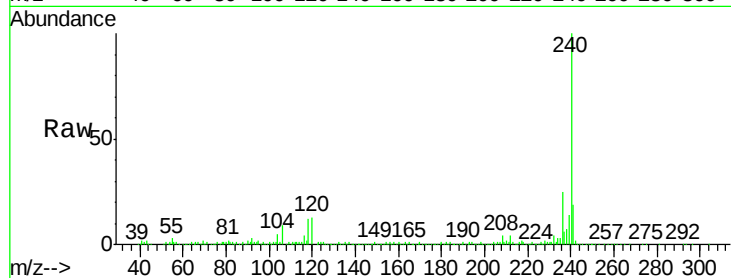
ClientSampleId :

SB-42-4.5-5.0

Tot Ion:	240	Resp:	266733
Ion Ratio	Lower	Upper	
240	100		
120	13.3	9.5	14.3
236	24.9	20.7	31.1

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#77

Pyrene

Concen: 3.122 ng

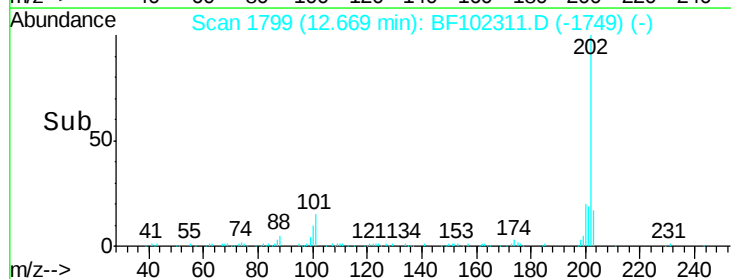
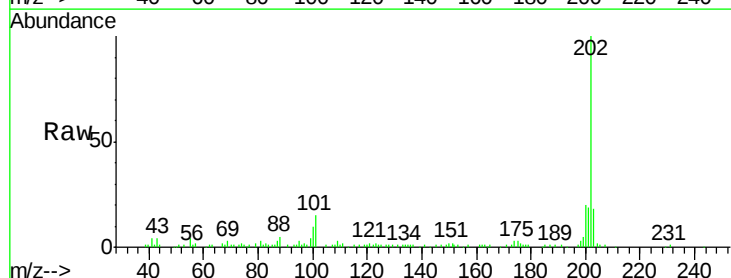
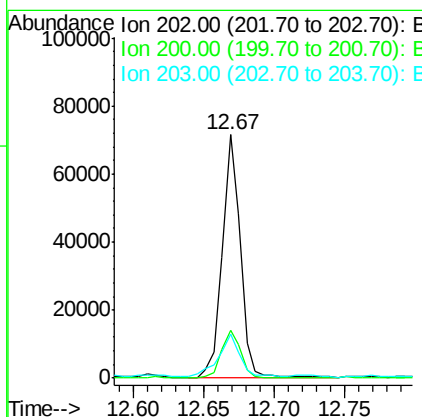
RT: 12.67 min Scan# 1799

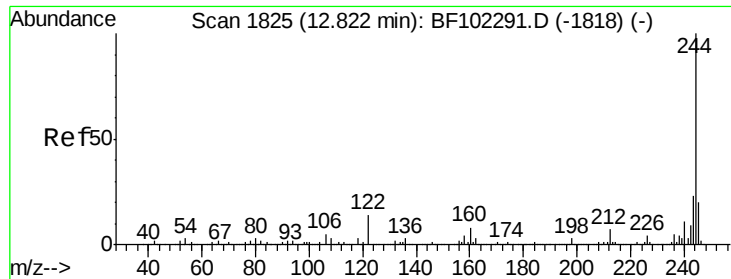
Delta R.T. -0.01 min

Lab File: BF102311.D

Acq: 22 Jan 2018 20:43

Tgt Ion:	202	Resp:	64378
Ion Ratio	Lower	Upper	
202	100		
200	19.8	17.4	26.2
203	17.9	14.3	21.5





#78

Terphenyl-d14

Concen: 60.281 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF102311.D

Acq: 22 Jan 2018 20:43

Instrument :

BNA_F

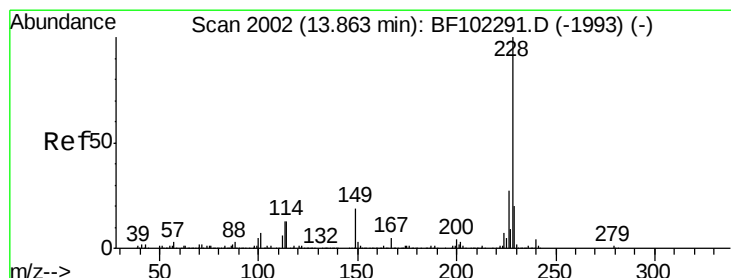
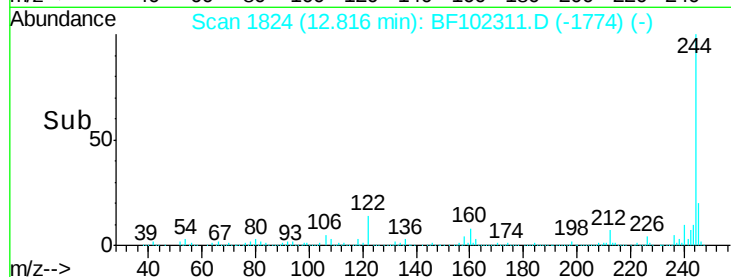
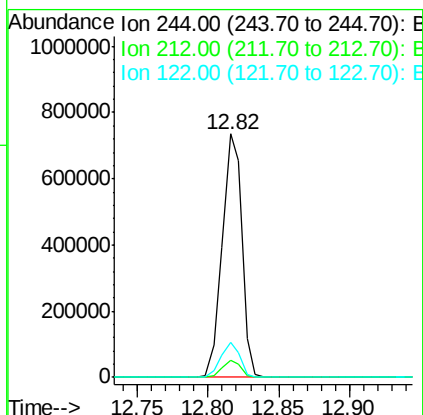
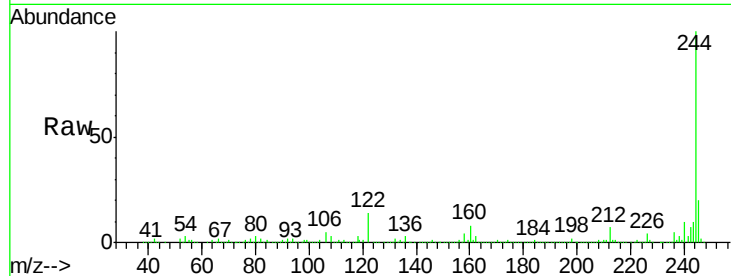
ClientSampleId :

SB-42-4.5-5.0

Tot Ion:	244	Resp:	713234
Ion Ratio	Lower	Upper	
244	100		
212	7.2	5.4	8.0
122	14.5	11.0	16.4

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#80

Benzo(a)anthracene

Concen: 2.040 ng m

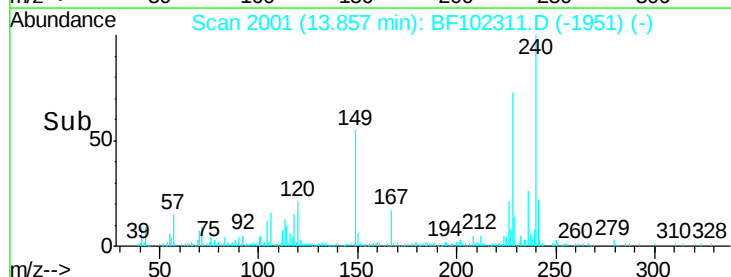
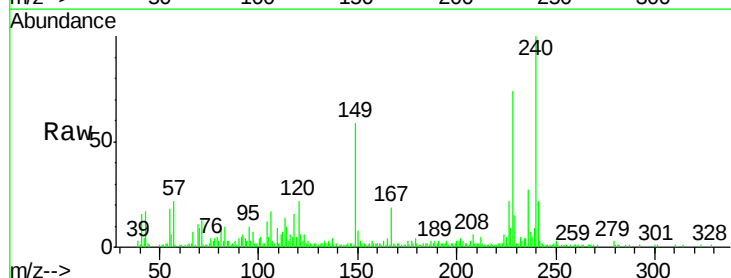
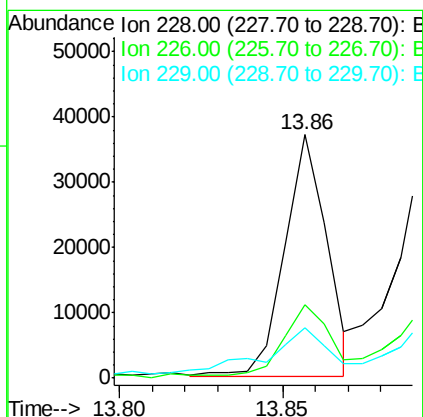
RT: 13.86 min Scan# 2001

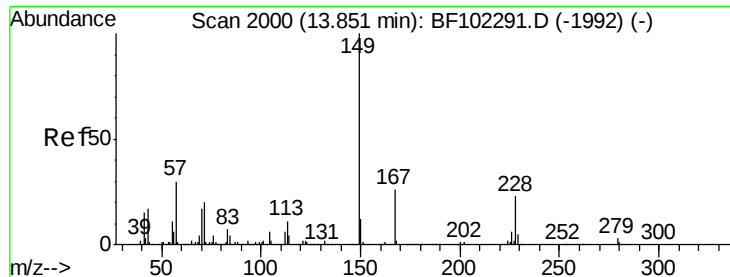
Delta R.T. -0.01 min

Lab File: BF102311.D

Acq: 22 Jan 2018 20:43

Tgt Ion:	228	Resp:	33504
Ion Ratio	Lower	Upper	
228	100		
226	30.4	22.6	33.8
229	20.5	15.8	23.6





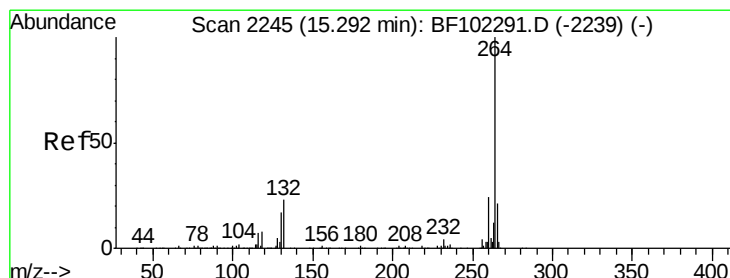
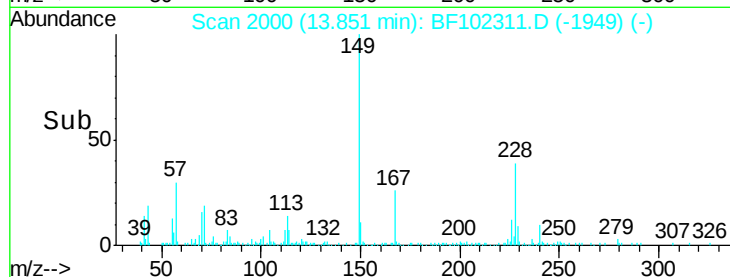
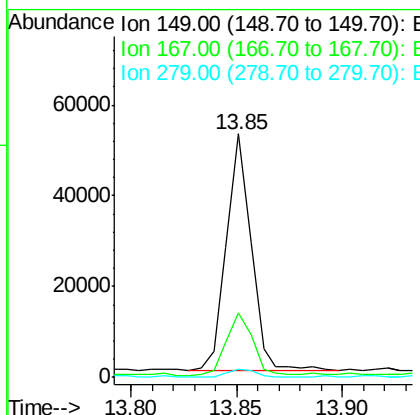
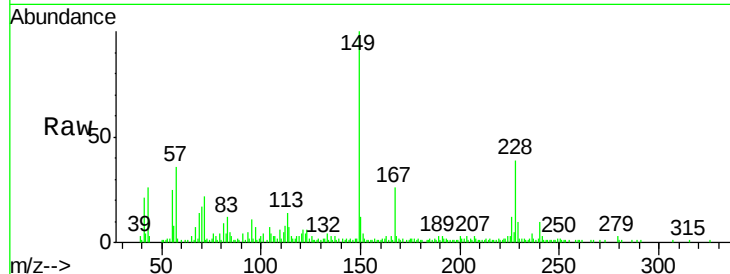
#83
Bis(2-ethylhexyl)phthalate
Concen: 3.088 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.00 min
Lab File: BF102311.D
Acq: 22 Jan 2018 20:43

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

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.3	31.9
279	3.1	3.0	4.4

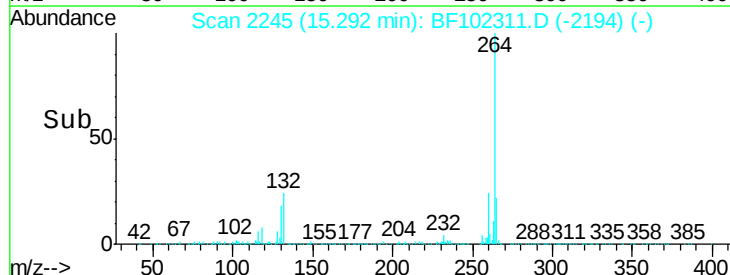
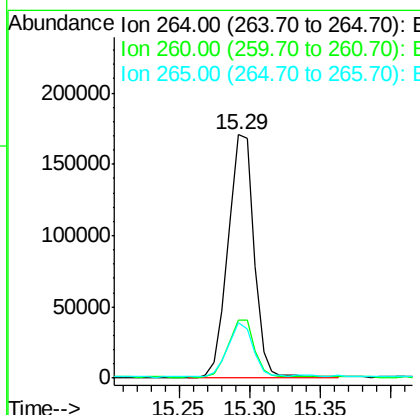
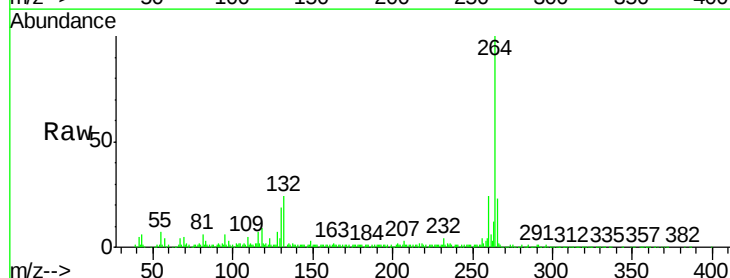
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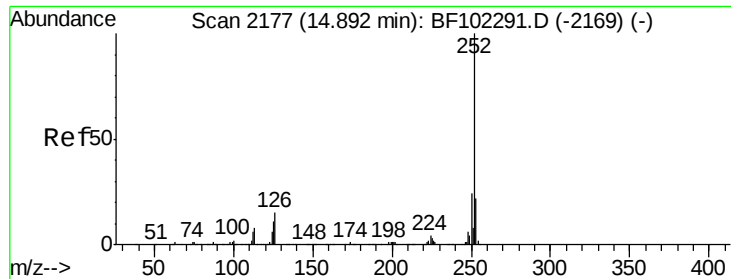
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2245
Delta R.T. -0.00 min
Lab File: BF102311.D
Acq: 22 Jan 2018 20:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.6	17.5	26.3





#87
 Benzo(b)fluoranthene
 Concen: 2.904 ng/mL
 RT: 14.89 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: BF102311.D
 Acq: 22 Jan 2018 20:43

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.0	25.6
125	17.6	9.0	13.6

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