

Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
 Data File : BF102474.D
 Acq On : 26 Jan 2018 17:48
 Operator : SJ/JU
 Sample : J1281-01 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-A

Manual Integrations
 APPROVED

Sohil
 1/27/2018 1:47:03 PM

Quant Time: Jan 26 18:41:06 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 26 16:18:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	169105	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	683128	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	273345	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	388425	20.00	ng	0.00
75) Chrysene-d12	13.89	240	303524	20.00	ng	0.00
86) Perylene-d12	15.32	264	209020	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	607975	54.51	ng	0.00
7) Phenol-d6	6.36	99	725205	53.94	ng	0.00
23) Nitrobenzene-d5	7.29	82	357822	30.10	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	87869	32.44	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	715103	38.47	ng	0.00
78) Terphenyl-d14	12.83	244	435316	32.33	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	8.72	142	109260	4.810	ng	97
49) Dimethylphthalate	9.47	163	67858	3.003	ng	98
74) Fluoranthene	12.46	202	59860	2.593	ng	98
77) Pyrene	12.69	202	59283	2.526	ng	98
87) Benzo(b)fluoranthene	14.91	252	28103m	2.074	ng	

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

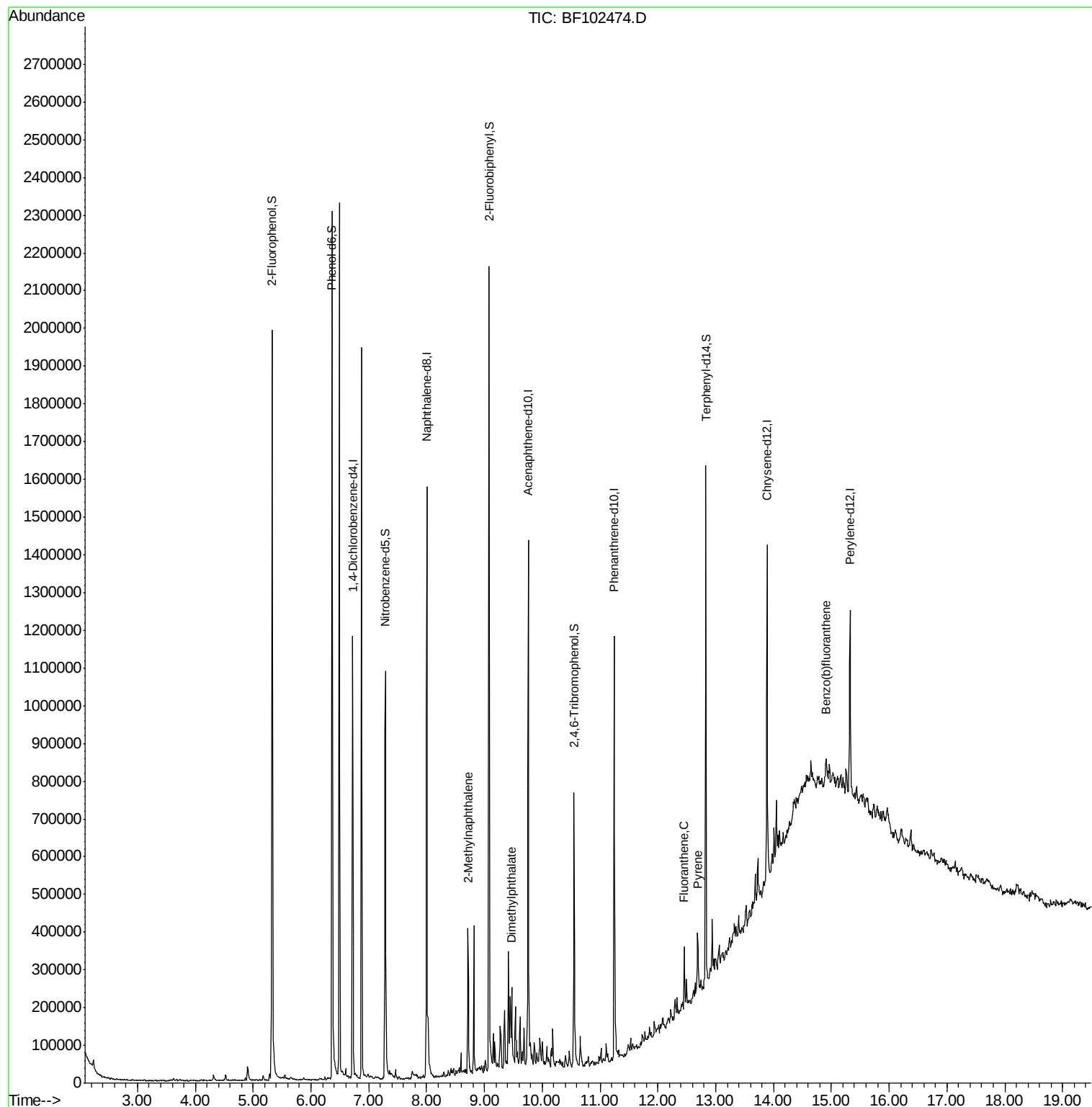
Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
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Acq On : 26 Jan 2018 17:48
Operator : SJ/JU
Sample : J1281-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

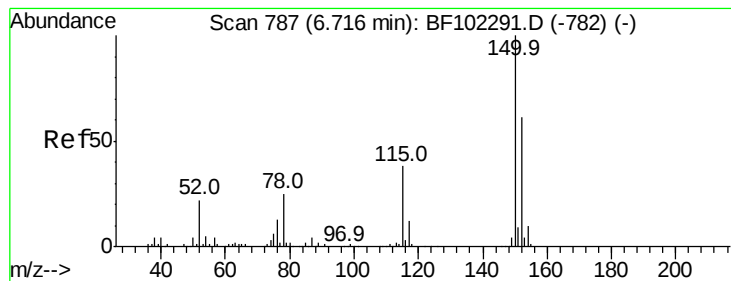
Instrument :
BNA_F
ClientSampleId :
SP-A

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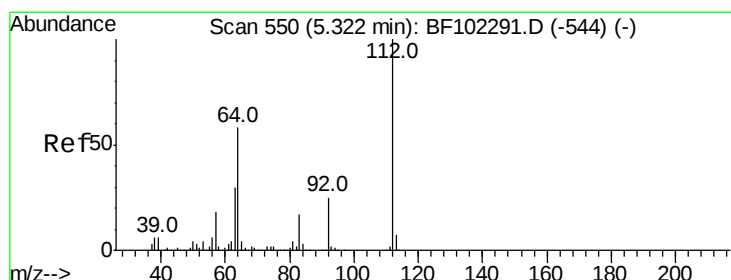
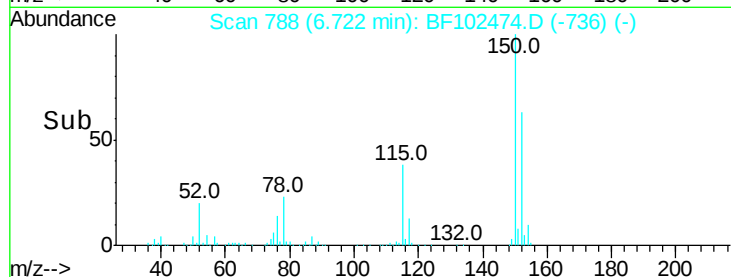
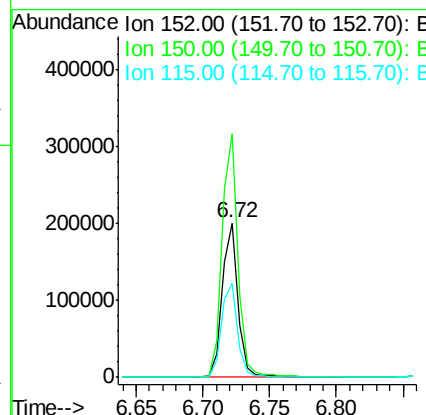
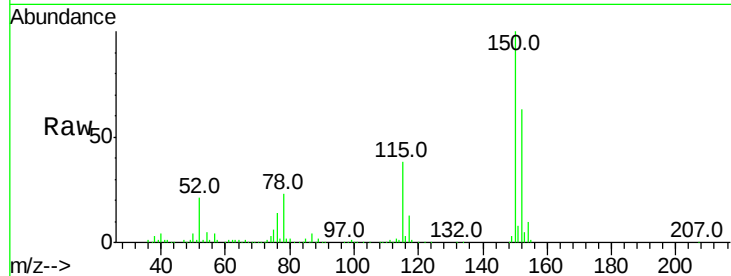
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. 0.01 min
 Lab File: BF102474.D
 Acq: 26 Jan 2018 17:48

Instrument :
 BNA_F
 ClientSampleId :
 SP-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.6	186.8
115	60.5	50.1	75.1

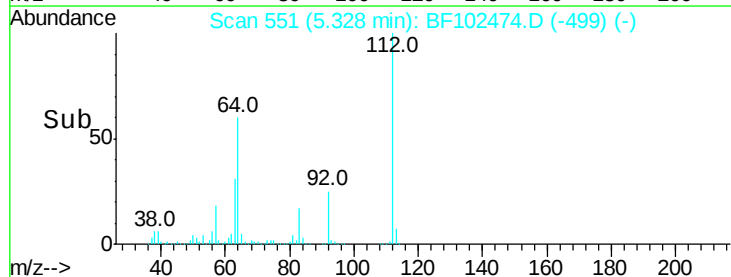
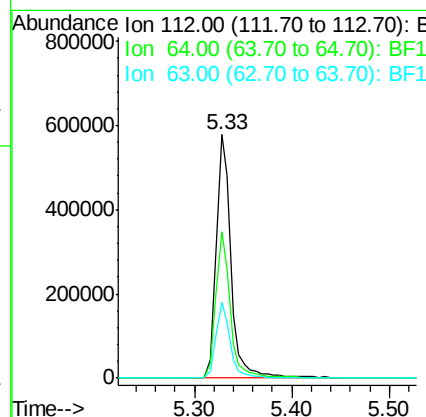
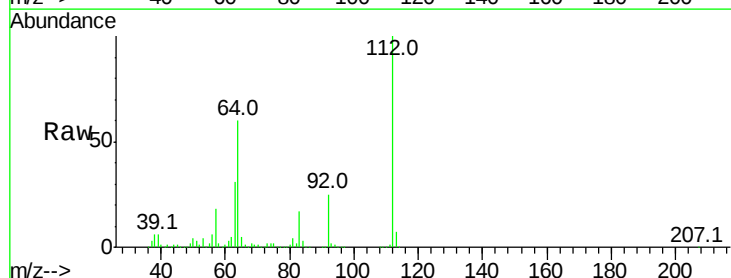
Manual Integrations
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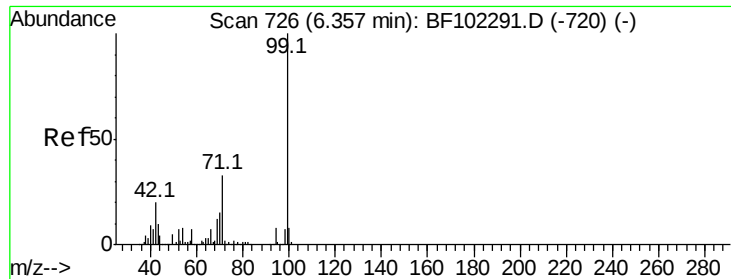
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#5
 2-Fluorophenol
 Concen: 54.513 ng
 RT: 5.33 min Scan# 551
 Delta R.T. 0.01 min
 Lab File: BF102474.D
 Acq: 26 Jan 2018 17:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.1	47.9	71.9
63	31.0	23.7	35.5





#7

Phenol-d6

Concen: 53.936 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF102474.D

Acq: 26 Jan 2018 17:48

Instrument :

BNA_F

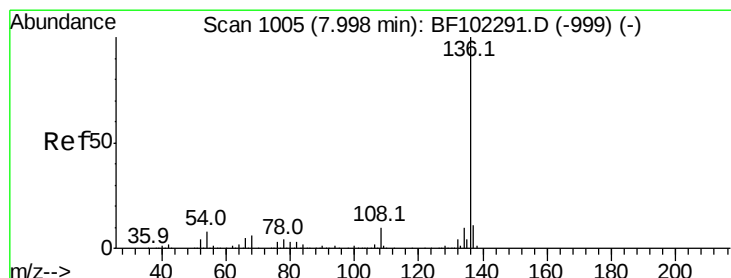
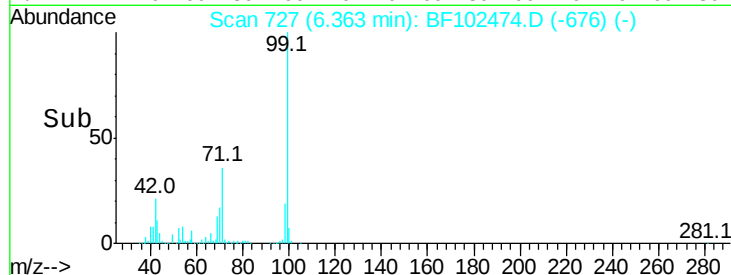
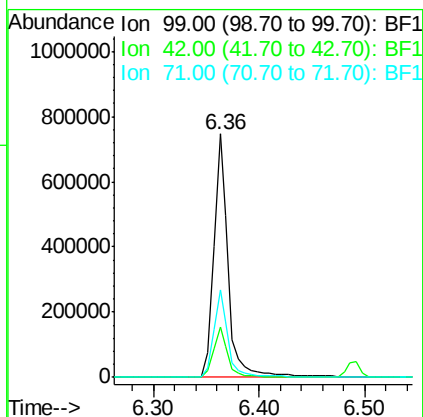
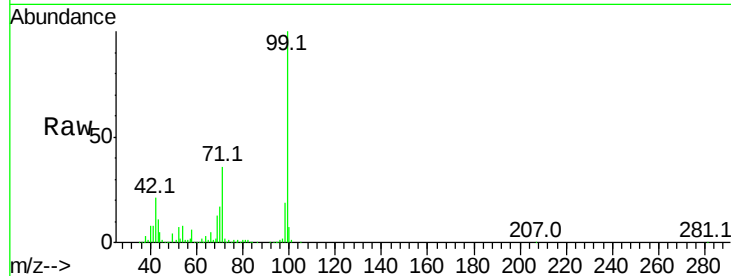
ClientSampled :

SP-A

Tot Ion:	99	Resp:	725205
Ion	Ratio	Lower	Upper
99	100		
42	20.9	14.5	21.7
71	36.1	25.4	38.0

Manual Integrations
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#21

Naphthalene-d8

Concen: 20.000 ng

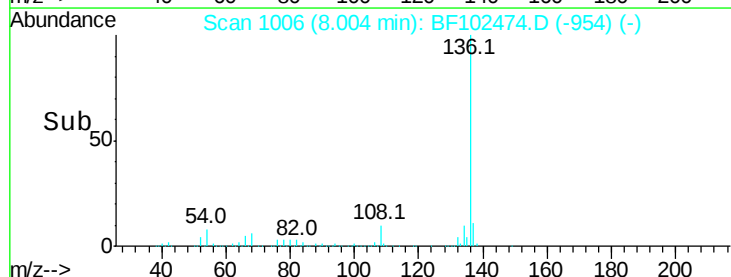
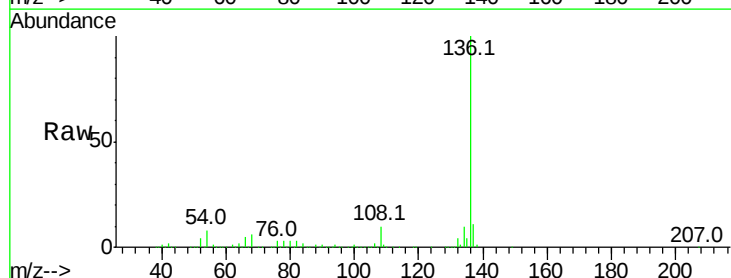
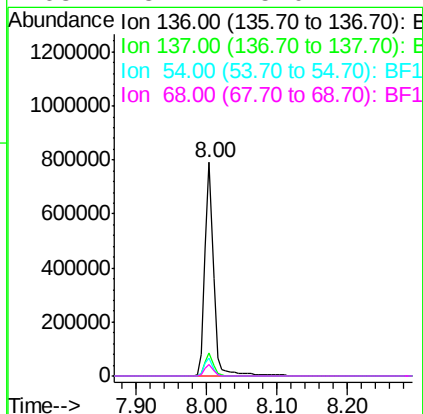
RT: 8.00 min Scan# 1006

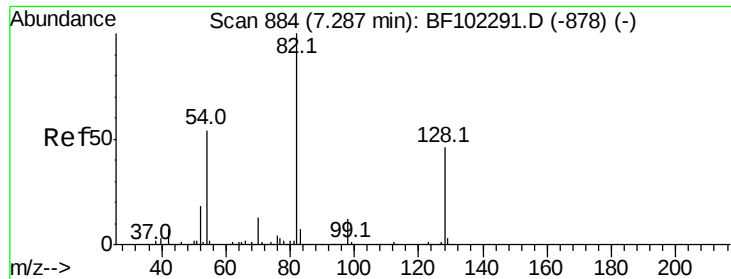
Delta R.T. 0.01 min

Lab File: BF102474.D

Acq: 26 Jan 2018 17:48

Tgt Ion:	136	Resp:	683128
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.2	6.6	9.8
68	5.7	5.0	7.4





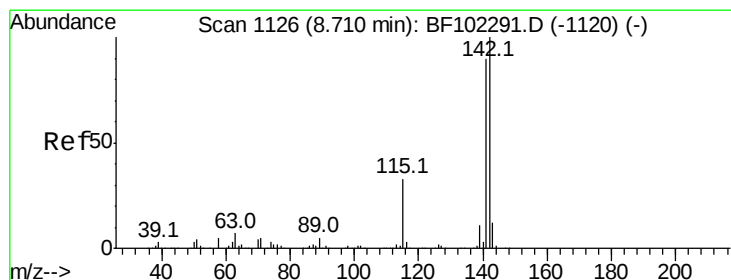
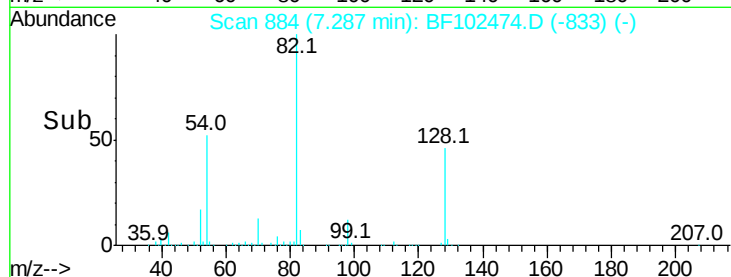
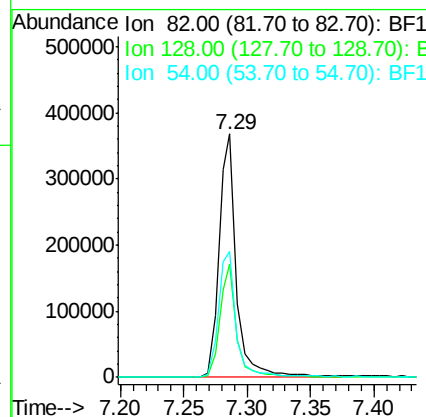
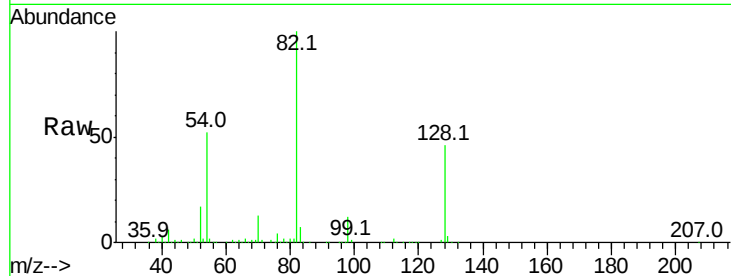
#23
Nitrobenzene-d5
Concen: 30.101 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF102474.D
Acq: 26 Jan 2018 17:48

Instrument :
BNA_F
ClientSampled :
SP-A

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.1	54.1
54	51.9	41.4	62.2

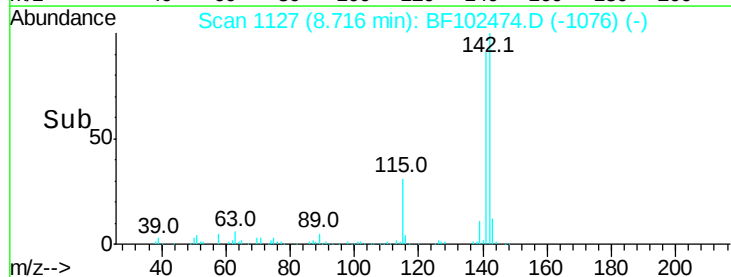
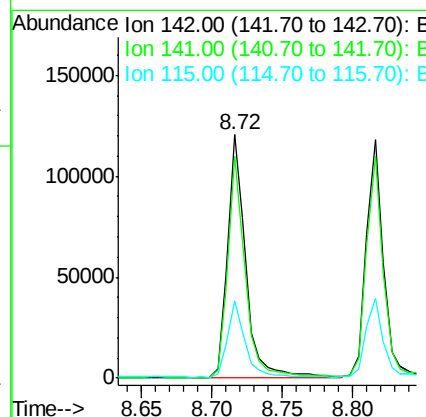
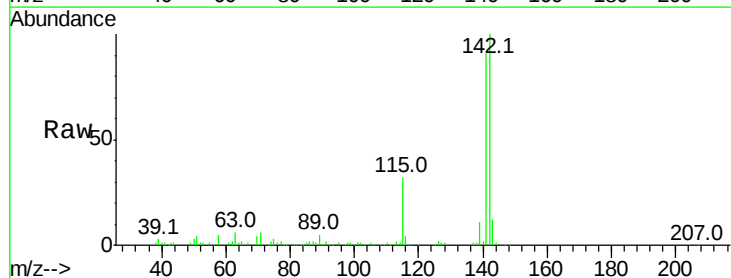
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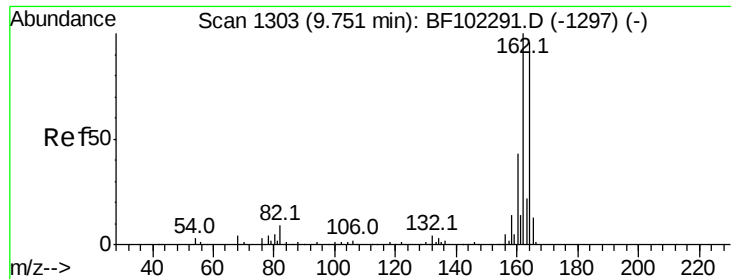
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#37
2-Methylnaphthalene
Concen: 4.810 ng
RT: 8.72 min Scan# 1127
Delta R.T. -0.00 min
Lab File: BF102474.D
Acq: 26 Jan 2018 17:48

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	70.8	106.2
115	31.6	26.1	39.1





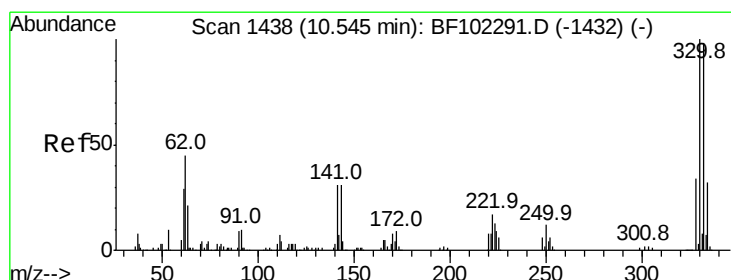
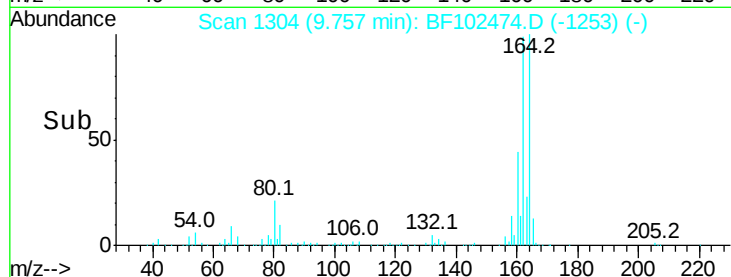
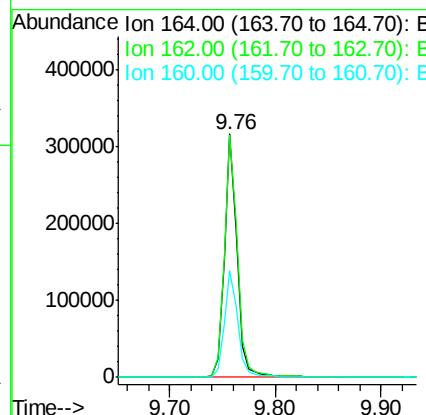
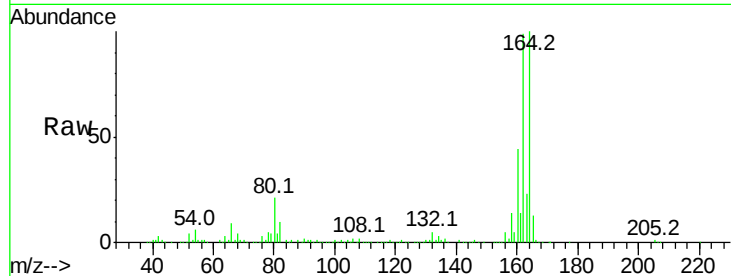
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BF102474.D
Acq: 26 Jan 2018 17:48

Instrument :
BNA_F
ClientSampleId :
SP-A

Tot Ion	Ratio	Resp	Lower	Upper
164	100	273345		
162	99.3	86.1	129.1	
160	43.8	38.3	57.5	

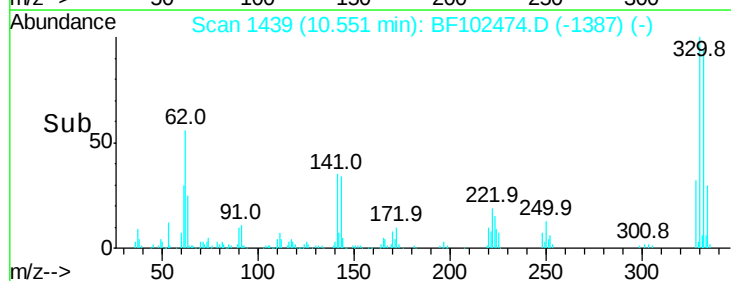
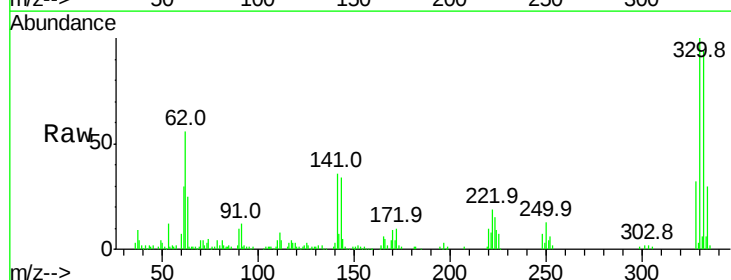
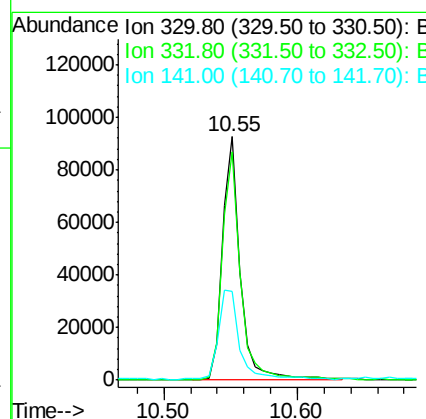
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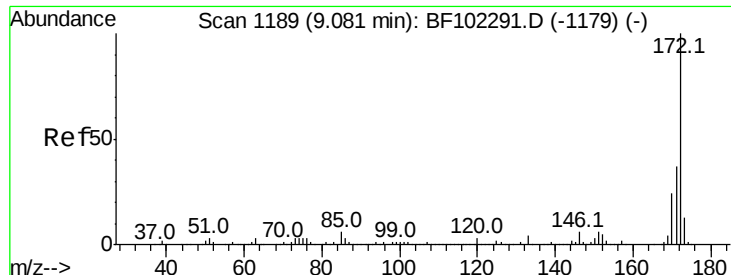
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#41
2,4,6-Tribromophenol
Concen: 32.442 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.01 min
Lab File: BF102474.D
Acq: 26 Jan 2018 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	87869		
332	97.3	77.0	115.6	
141	42.9	29.9	44.9	





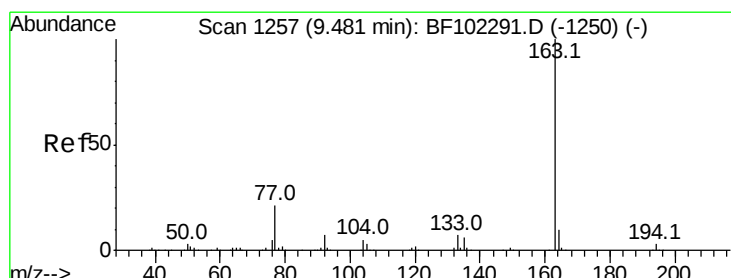
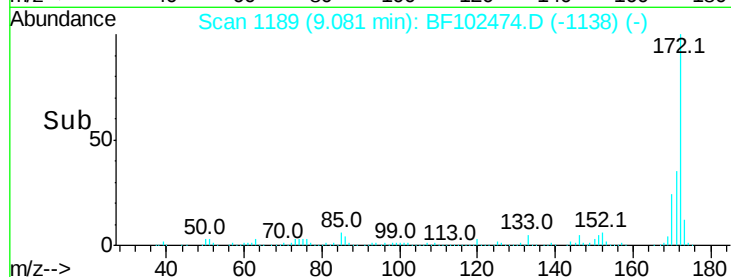
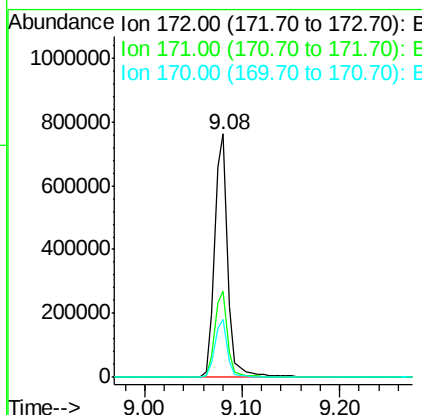
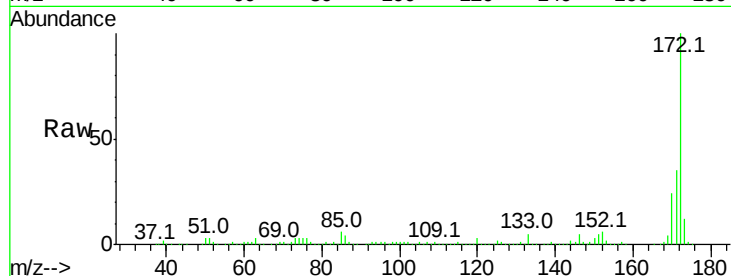
#44
2-Fluorobiphenyl
Concen: 38.466 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BF102474.D
Acq: 26 Jan 2018 17:48

Instrument :
BNA_F
ClientSampled :
SP-A

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.7	44.5
170	23.6	19.6	29.4

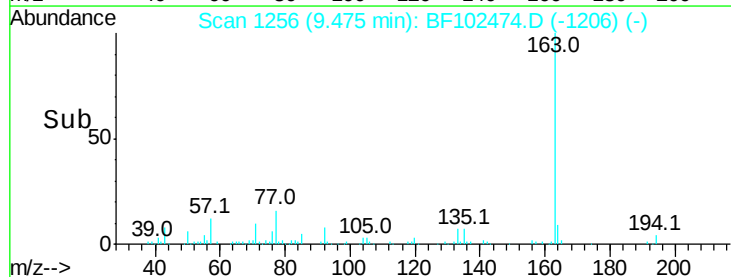
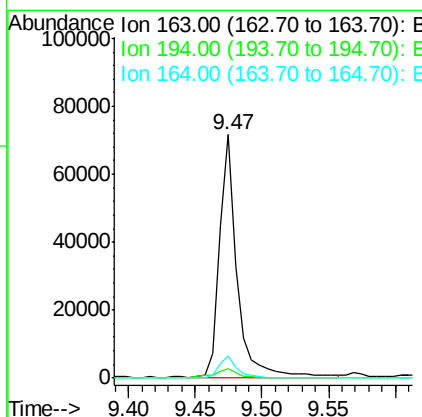
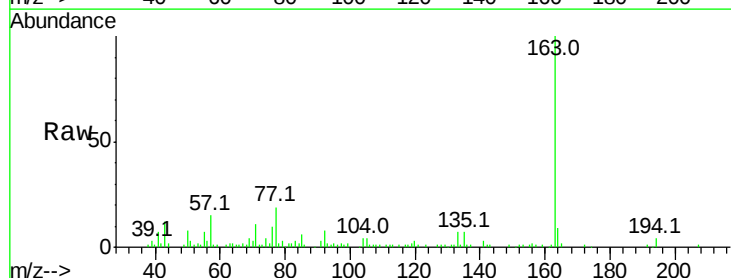
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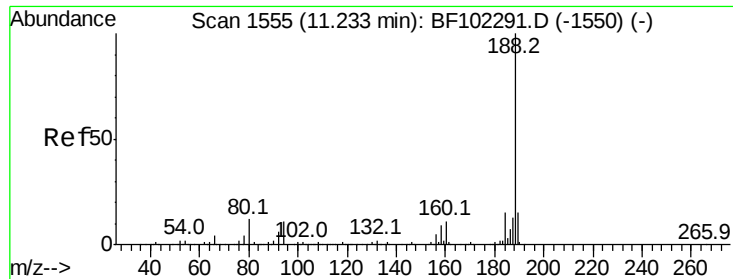
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#49
Dimethylphthalate
Concen: 3.003 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF102474.D
Acq: 26 Jan 2018 17:48

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	9.4	8.2	12.2





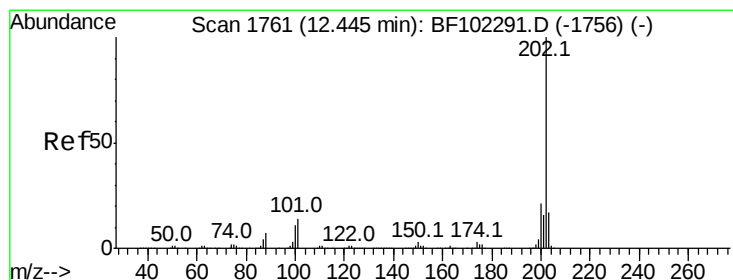
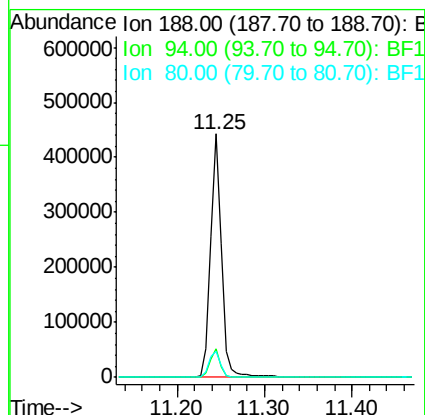
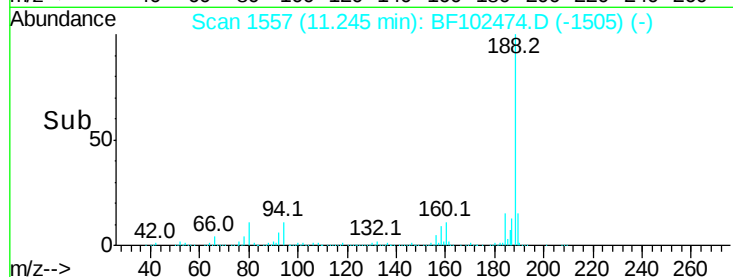
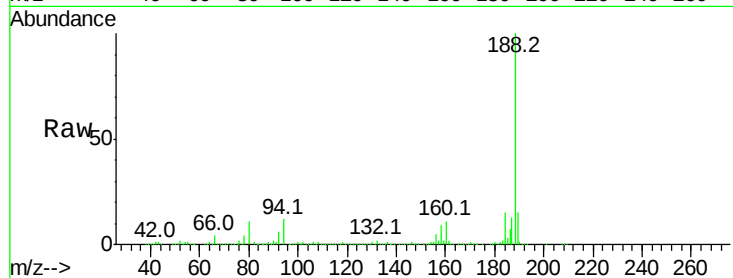
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.01 min
Lab File: BF102474.D
Acq: 26 Jan 2018 17:48

Instrument :
BNA_F
ClientSampled :
SP-A

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	11.6	8.5	12.7
80	10.9	9.2	13.8

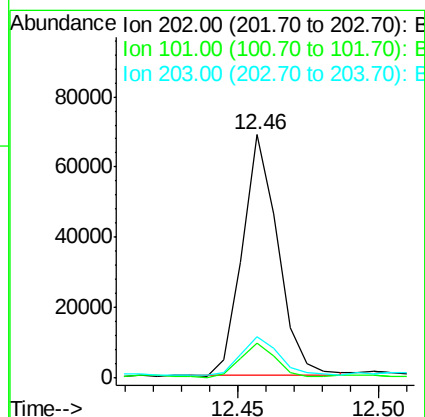
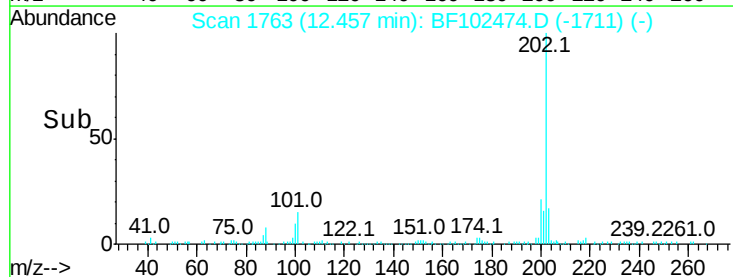
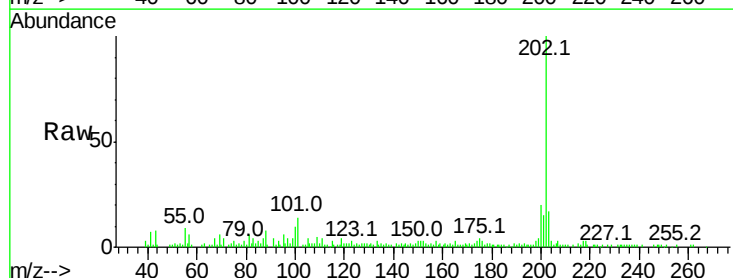
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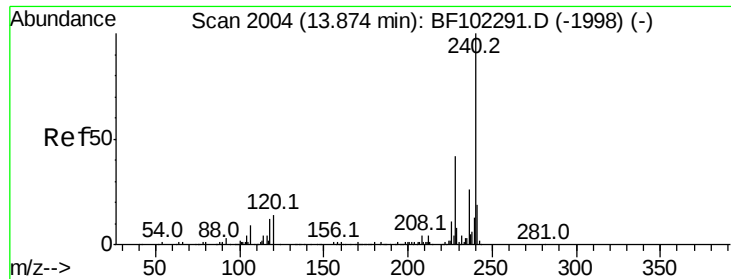
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#74
Fluoranthene
Concen: 2.593 ng
RT: 12.46 min Scan# 1763
Delta R.T. 0.01 min
Lab File: BF102474.D
Acq: 26 Jan 2018 17:48

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	14.4	0.0	34.1
203	17.2	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2006

Delta R.T. 0.01 min

Lab File: BF102474.D

Acq: 26 Jan 2018 17:48

Instrument :

BNA_F

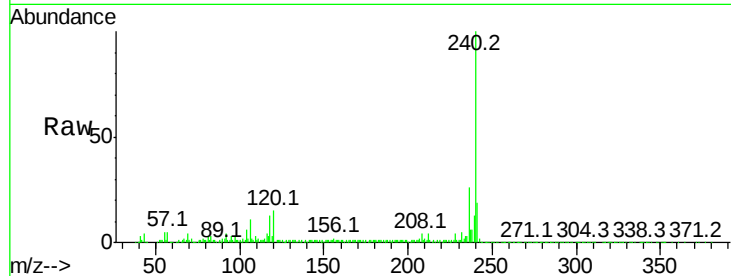
ClientSampleId :

SP-A

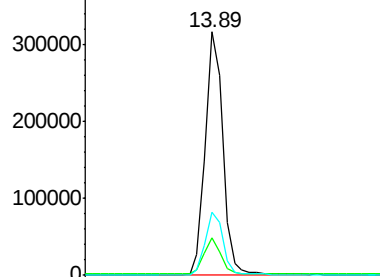
Tot Ion	Ratio	Lower	Upper
240	100		
120	15.5	9.5	14.3#
236	26.2	20.7	31.1

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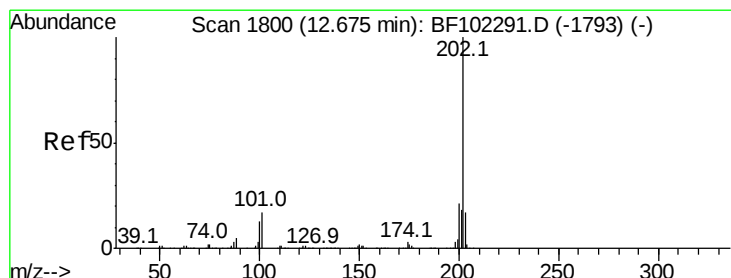
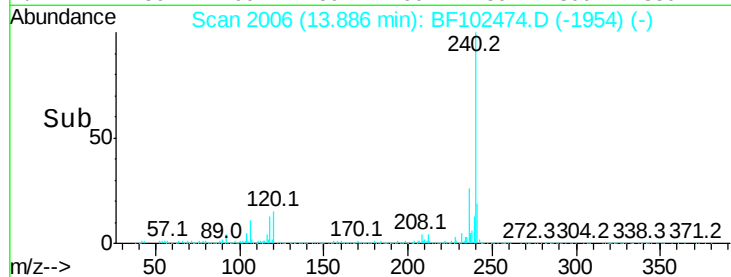
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time--> 13.80 13.90 14.00



#77

Pyrene

Concen: 2.526 ng

RT: 12.69 min Scan# 1802

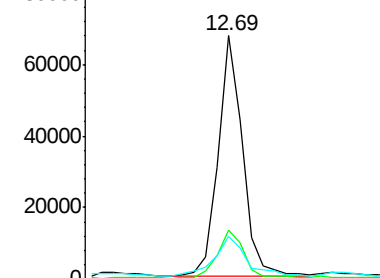
Delta R.T. 0.01 min

Lab File: BF102474.D

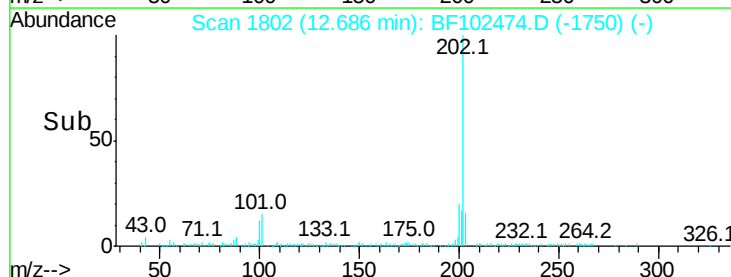
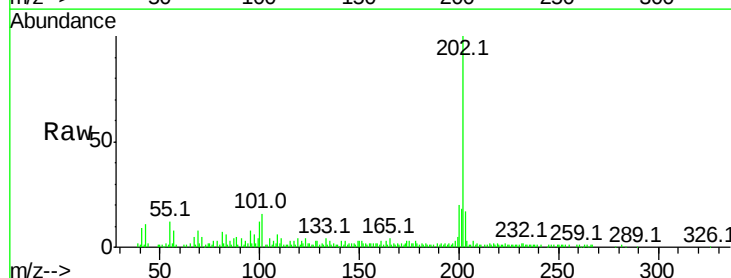
Acq: 26 Jan 2018 17:48

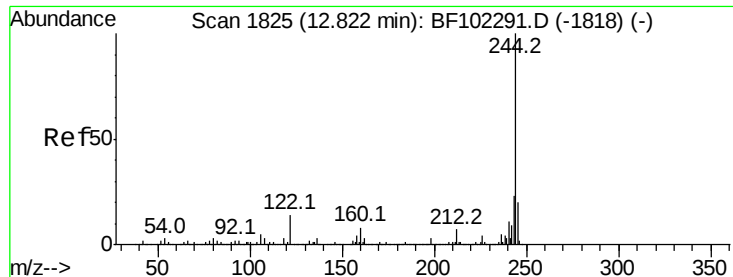
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.4	26.2
203	17.4	14.3	21.5

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



Time--> 12.65 12.70 12.75





#78

Terphenyl-d14

Concen: 32.332 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.00 min

Lab File: BF102474.D

Acq: 26 Jan 2018 17:48

Instrument :

BNA_F

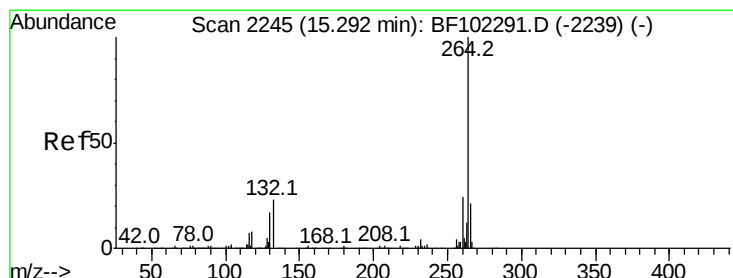
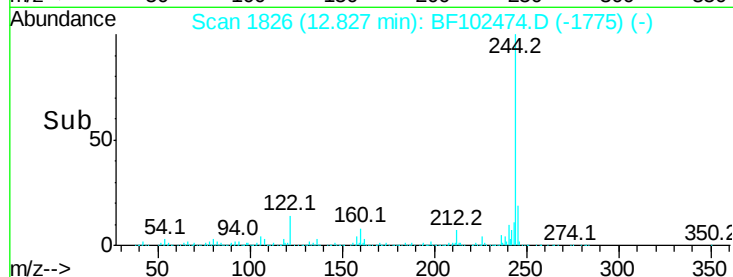
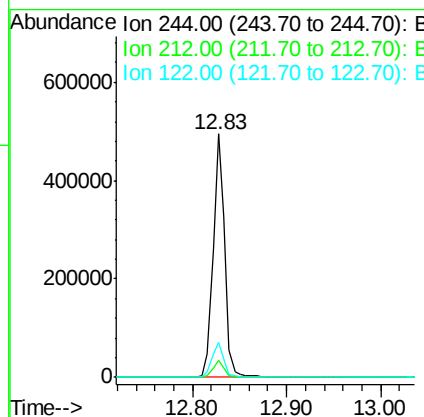
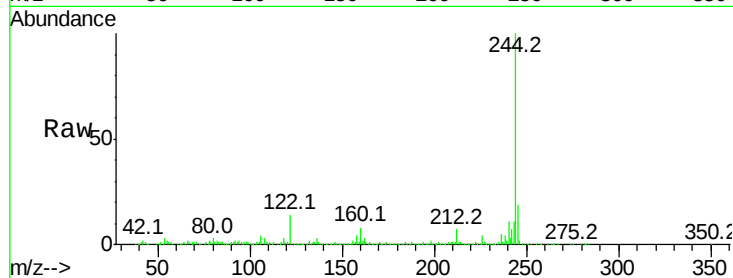
ClientSampleId :

SP-A

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	14.2	11.0	16.4

Manual Integrations
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Sohil
1/27/2018 1:47:03 PM



#86

Perylene-d12

Concen: 20.000 ng

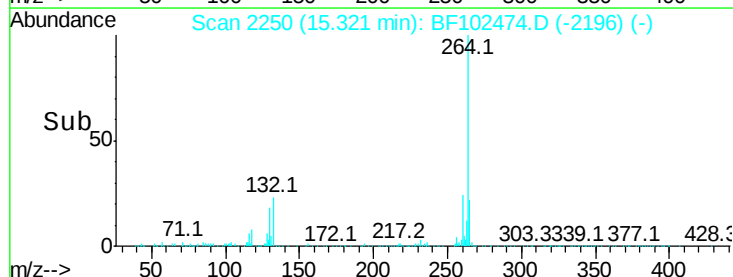
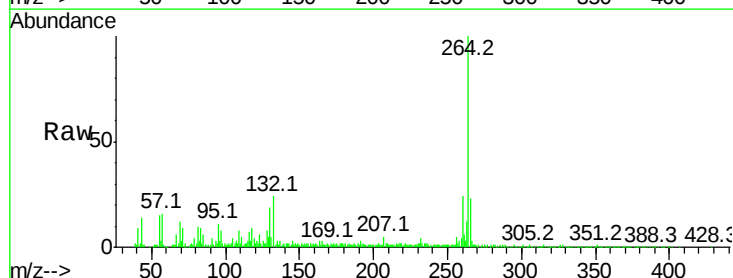
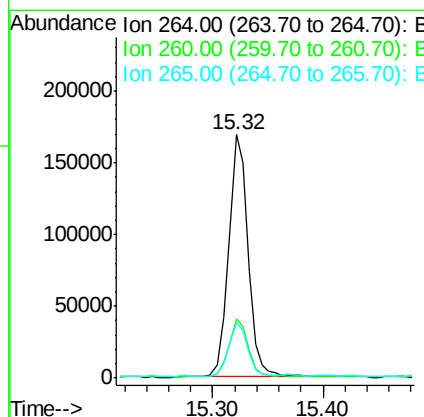
RT: 15.32 min Scan# 2250

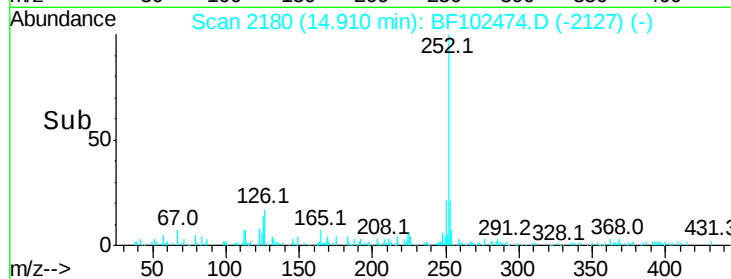
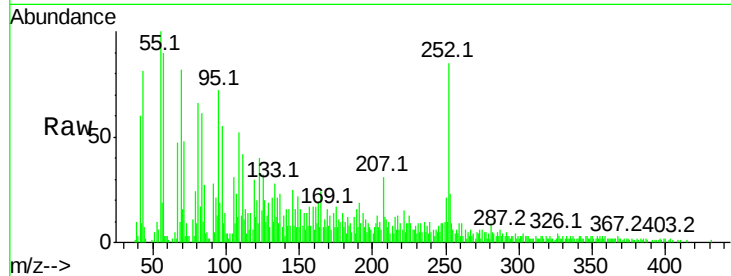
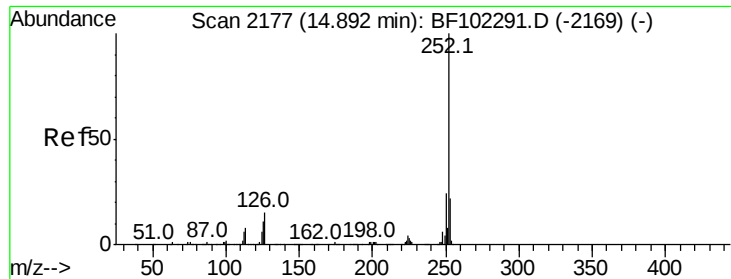
Delta R.T. 0.02 min

Lab File: BF102474.D

Acq: 26 Jan 2018 17:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	22.6	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 2.074 ng/mL

RT: 14.91 min Scan# 2180

Delta R.T. 0.01 min

Lab File: BF102474.D

Acq: 26 Jan 2018 17:48

Instrument :

BNA_F

ClientSampleId :

SP-A

Tot Ion:	252	Resp:	28103
Ion Ratio	Lower	Upper	
252	100		
253	26.4	17.0	25.6#
125	37.8	9.0	13.6#

Manual Integrations
APPROVED

Sohil
1/27/2018 1:47:03 PM

