

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
 Data File : BF102505.D
 Acq On : 27 Jan 2018 12:50
 Operator : SJ/JU
 Sample : J1306-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC2

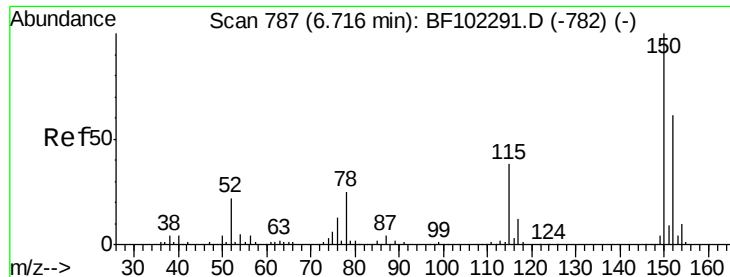
Manual Integrations
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Sohil
 1/29/2018 5:44:25 PM

Quant Time: Jan 27 21:21:06 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	6.71	152	170496	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	707396	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	306111	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	474191	20.00	ng	0.00
75) Chrysene-d12	13.87	240	276004	20.00	ng	0.00
86) Perylene-d12	15.30	264	300368	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	991526	88.18	ng	0.00
7) Phenol-d6	6.36	99	1203122	88.75	ng	0.00
23) Nitrobenzene-d5	7.28	82	746665	60.66	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	204610	67.46	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	878082	42.18	ng	0.00
78) Terphenyl-d14	12.82	244	598484	48.88	ng	0.00
Target Compounds						
10) Phenol	6.37	94	45242	3.057	ng	92
49) Dimethylphthalate	9.46	163	104796	4.142	ng	99
70) Phenanthrene	11.26	178	80629	2.918	ng	98
74) Fluoranthene	12.44	202	128316	4.554	ng	98
77) Pyrene	12.67	202	111320	5.217	ng	98
80) Benzo(a)anthracene	13.86	228	46835	2.756	ng	99
82) Chrysene	13.90	228	39604	2.295	ng	98
87) Benzo(b)fluoranthene	14.89	252	51729m	2.657	ng	
89) Benzo(a)pyrene	15.24	252	38110	2.170	ng	# 90

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



#1

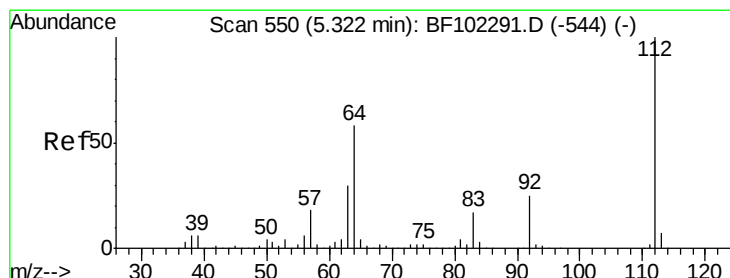
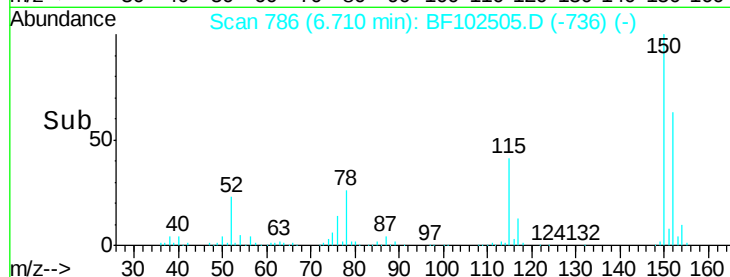
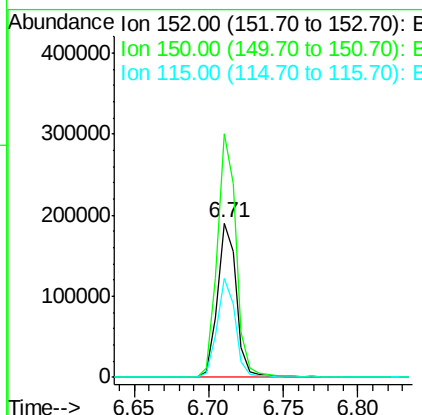
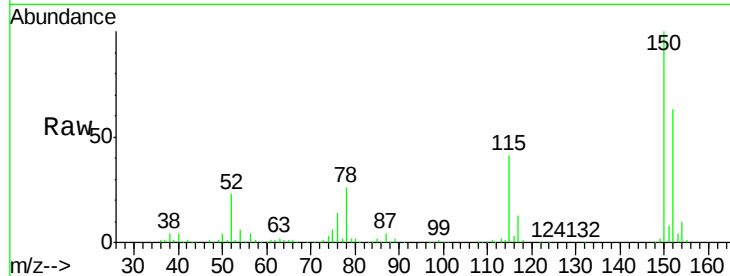
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102505.D
Acq: 27 Jan 2018 12:50

Instrument :
BNA_F
ClientSampled :
WC2

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.6	186.8
115	64.1	50.1	75.1

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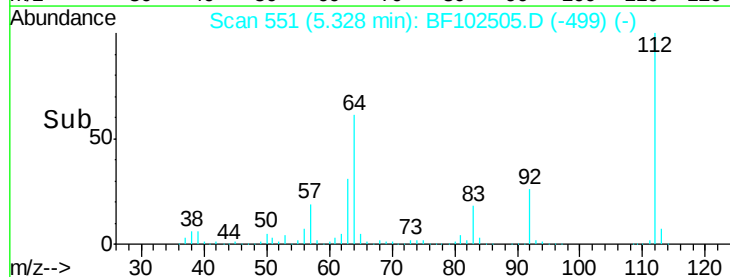
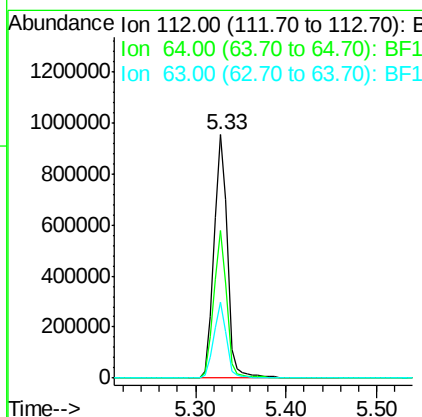
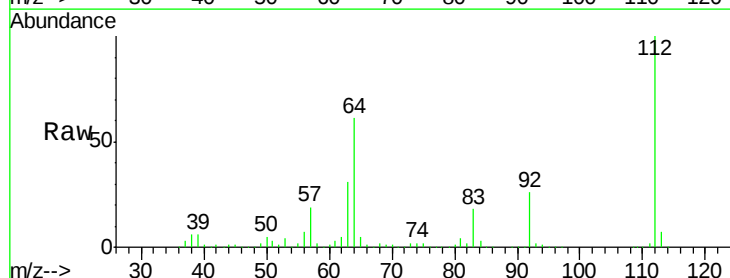
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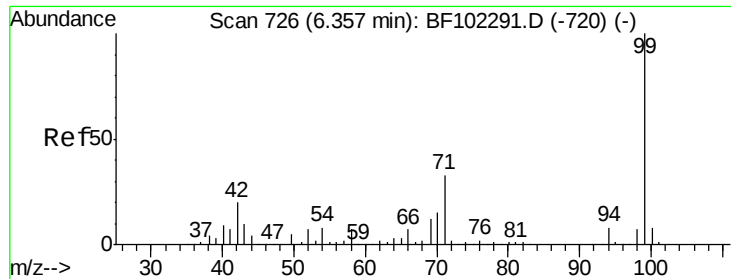


#5

2-Fluorophenol
Concen: 88.179 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102505.D
Acq: 27 Jan 2018 12:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.9	47.9	71.9
63	31.3	23.7	35.5





#7

Phenol-d6

Concen: 88.750 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF102505.D

Acq: 27 Jan 2018 12:50

Instrument :

BNA_F

ClientSampled :

WC2

Tgt Ion: 99 Resp: 1203122

Ion Ratio Lower Upper

99 100

42 18.9 14.5 21.7

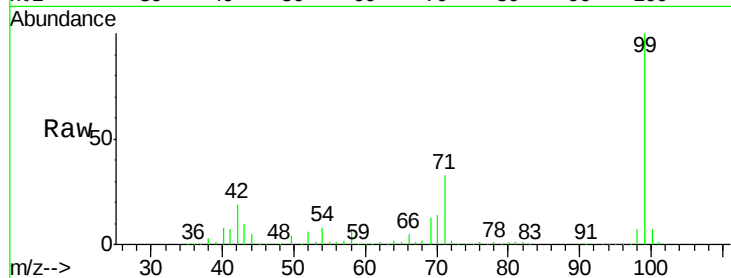
71 33.5 25.4 38.0

Manual Integrations

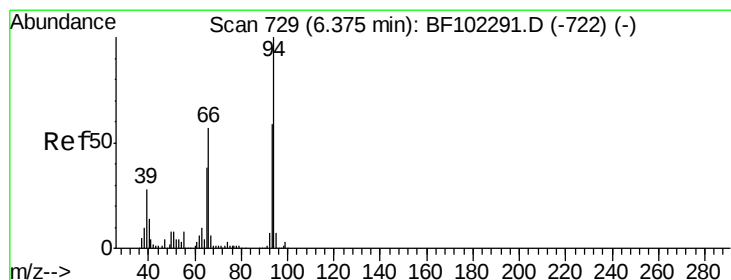
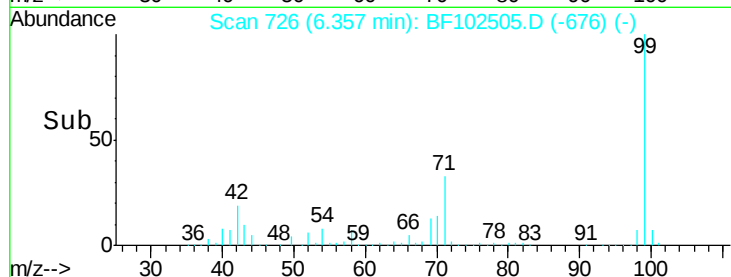
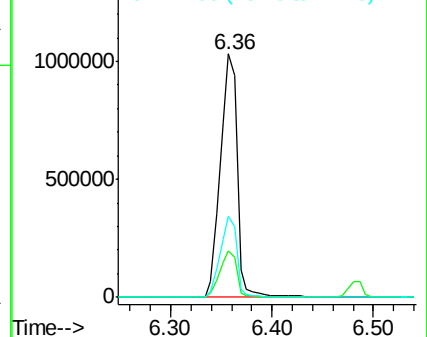
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 3.057 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102505.D

Acq: 27 Jan 2018 12:50

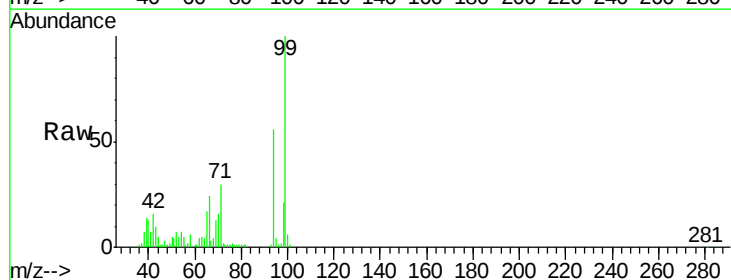
Tgt Ion: 94 Resp: 45242

Ion Ratio Lower Upper

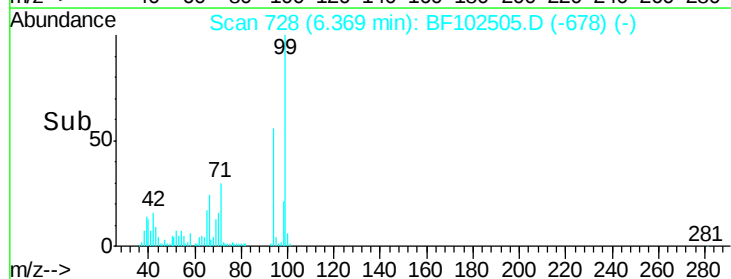
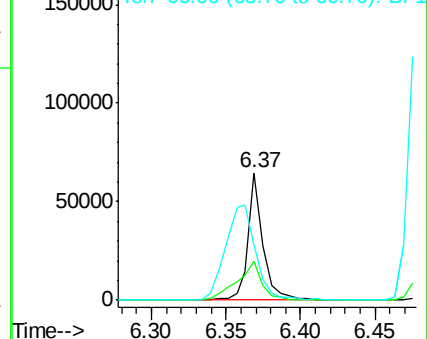
94 100

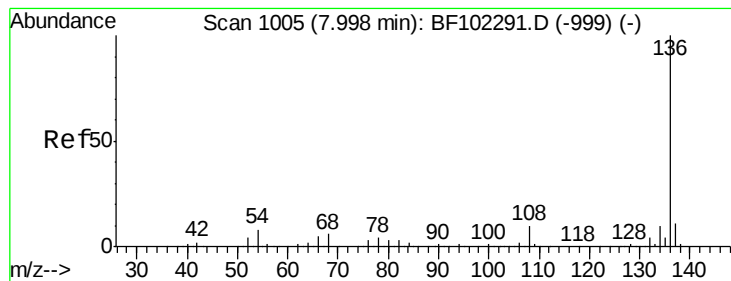
65 30.2 7.9 47.9

66 43.0 16.2 56.2



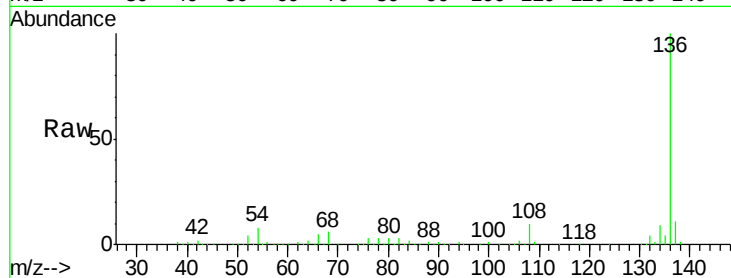
Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF102505.D
Acq: 27 Jan 2018 12:50

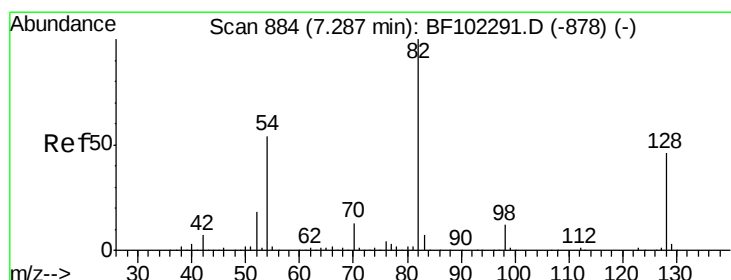
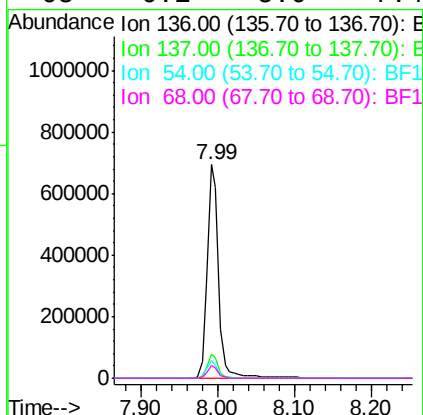
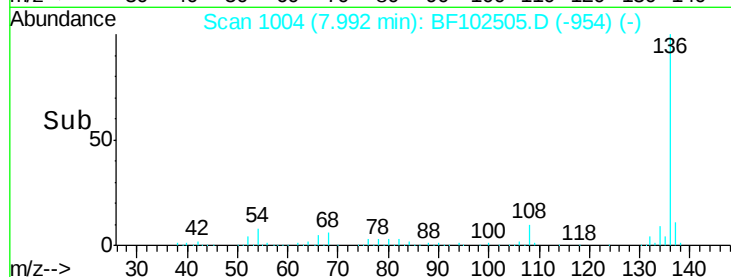
Instrument :
BNA_F
ClientSampled :
WC2



Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	11.3	8.9	13.3
54	8.5	6.6	9.8
68	6.1	5.0	7.4

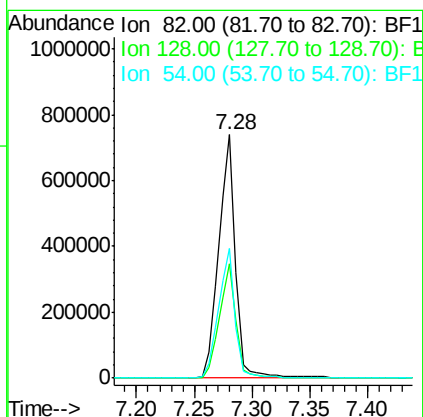
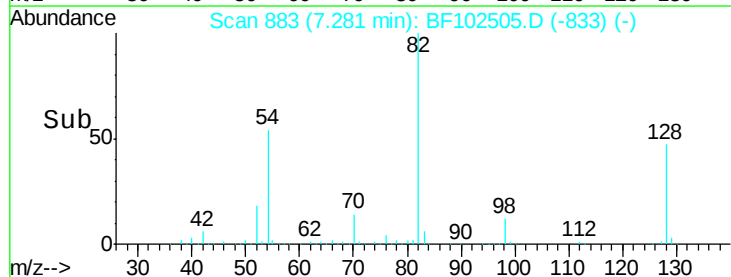
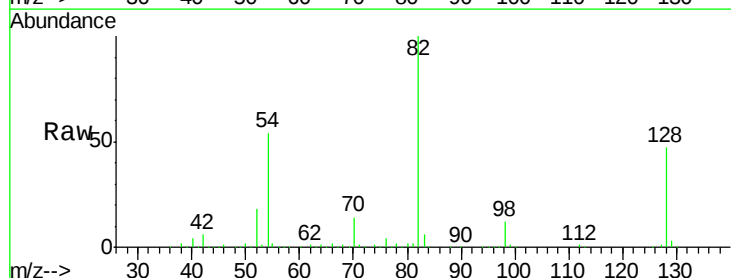
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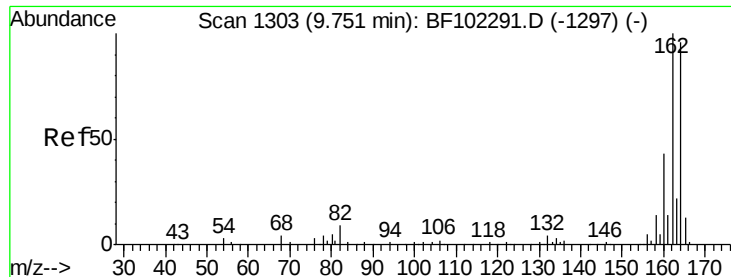
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#23
Nitrobenzene-d5
Concen: 60.657 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102505.D
Acq: 27 Jan 2018 12:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	47.2	36.1	54.1
54	53.5	41.4	62.2





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF102505.D

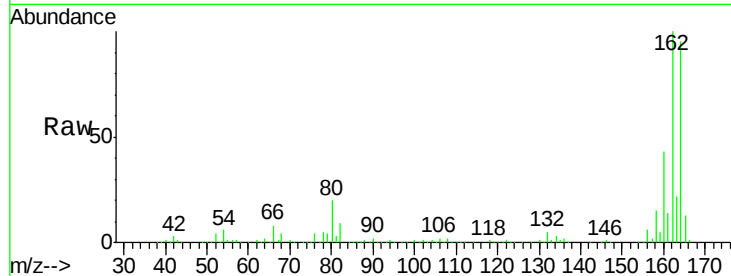
Acq: 27 Jan 2018 12:50

Instrument :

BNA_F

ClientSampled :

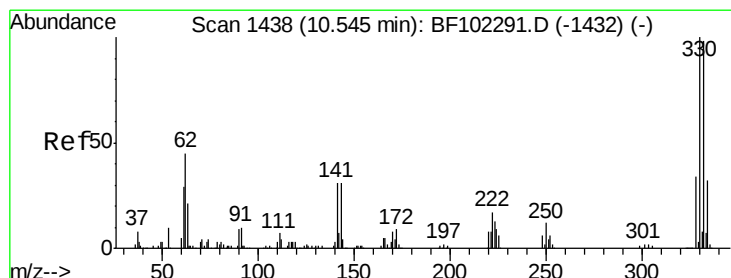
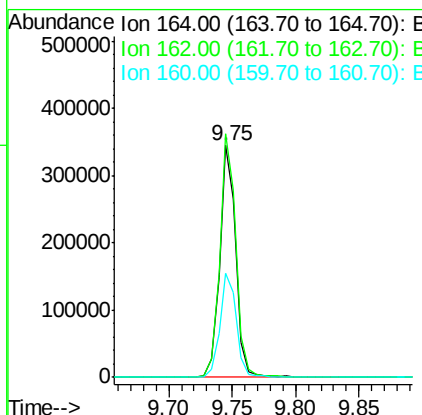
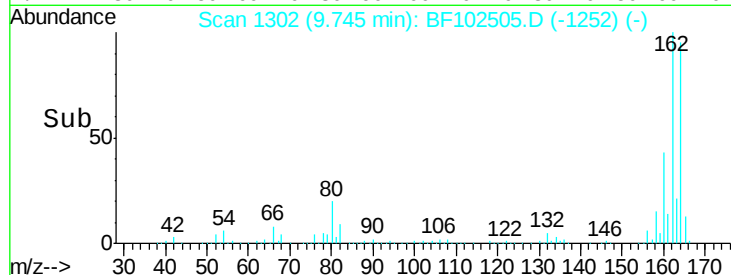
WC2



Tgt	Ion	Resp	Lower	Upper
164	100			
162	105.1	86.1	129.1	
160	44.8	38.3	57.5	

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#41

2,4,6-Tribromophenol

Concen: 67.459 ng

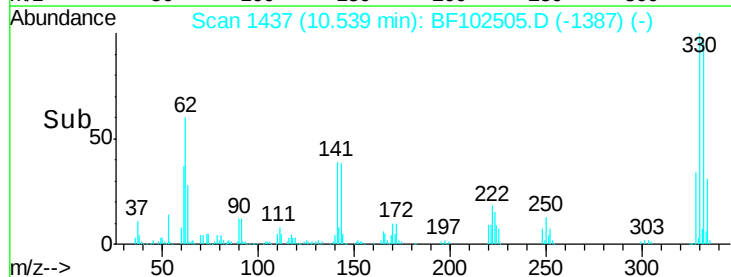
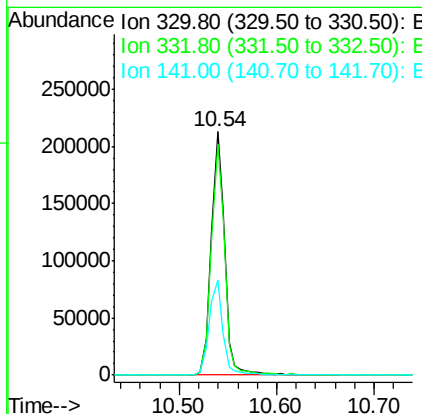
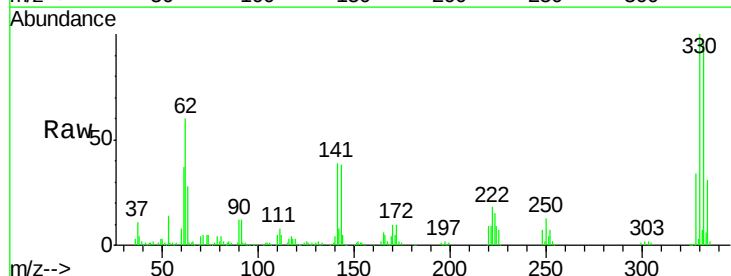
RT: 10.54 min Scan# 1437

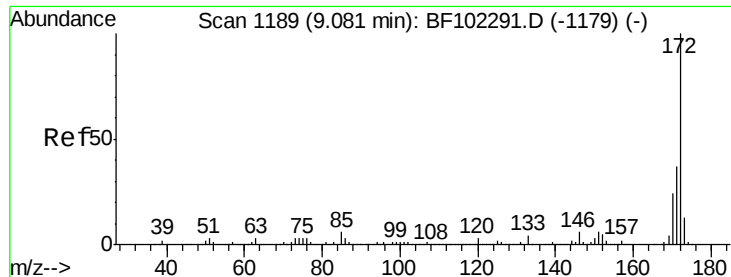
Delta R.T. -0.01 min

Lab File: BF102505.D

Acq: 27 Jan 2018 12:50

Tgt	Ion	Resp	Lower	Upper
330	100			
332	95.1	77.0	115.6	
141	39.8	29.9	44.9	





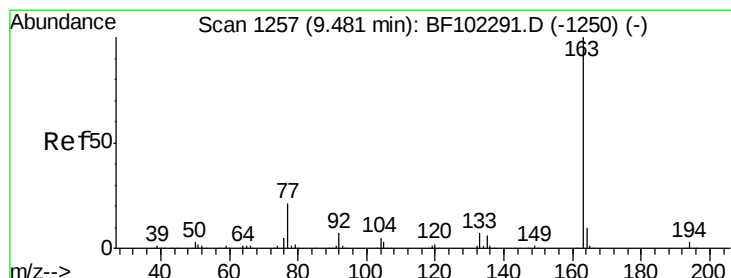
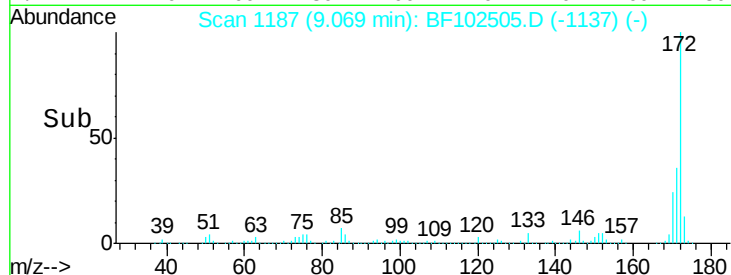
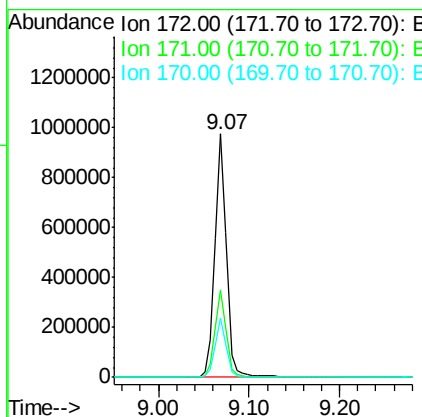
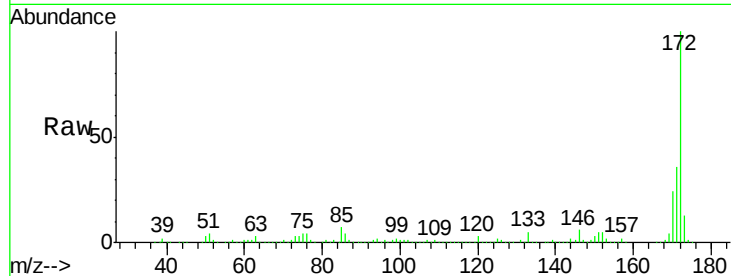
#44
2-Fluorobiphenyl
Concen: 42.177 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF102505.D
Acq: 27 Jan 2018 12:50

Instrument :
BNA_F
ClientSampleId :
WC2

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	878082		
171	36.1		29.7	44.5
170	24.2		19.6	29.4

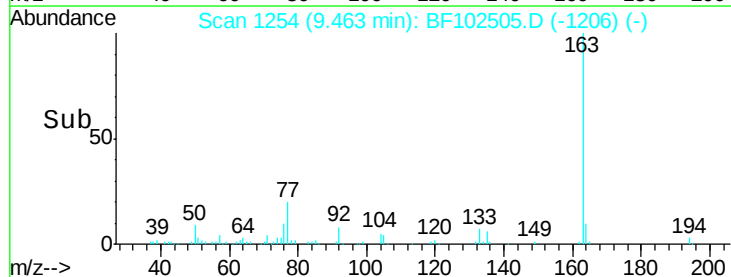
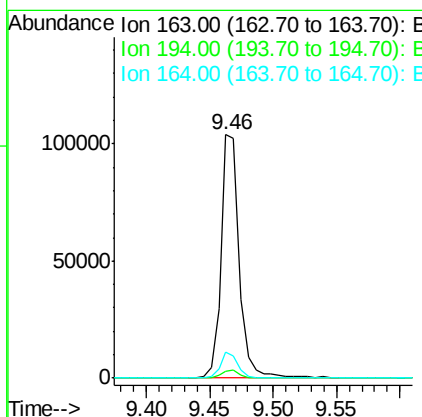
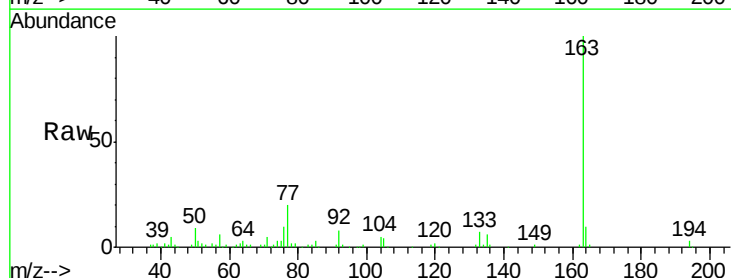
Manual Integrations
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#49
Dimethylphthalate
Concen: 4.142 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF102505.D
Acq: 27 Jan 2018 12:50

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	104796		
194	3.0		2.7	4.1
164	10.5		8.2	12.2





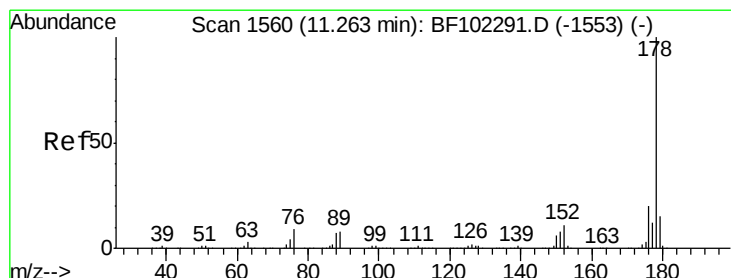
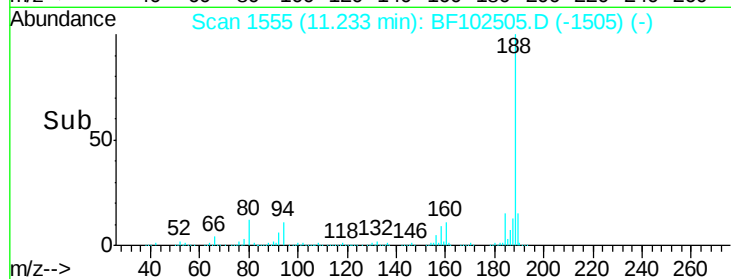
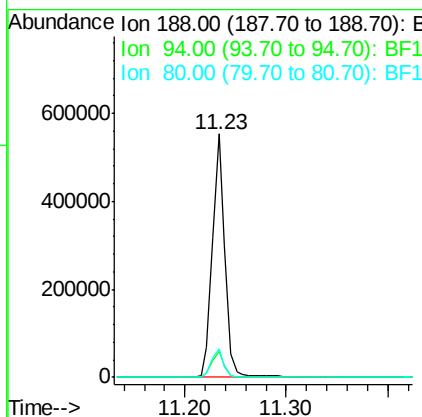
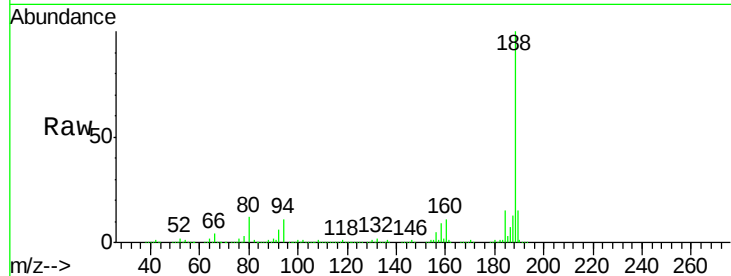
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102505.D
Acq: 27 Jan 2018 12:50

Instrument :
BNA_F
ClientSampled :
WC2

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	474191		
94	10.9	8.5	12.7	
80	11.7	9.2	13.8	

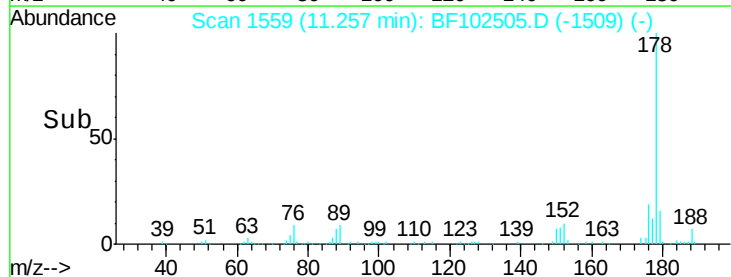
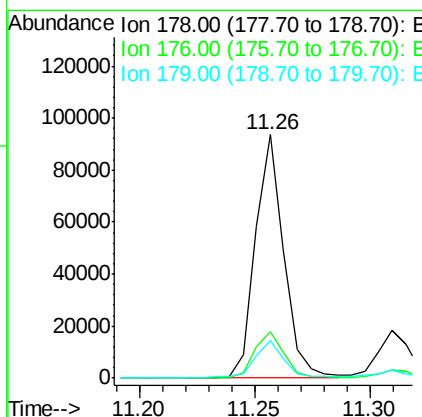
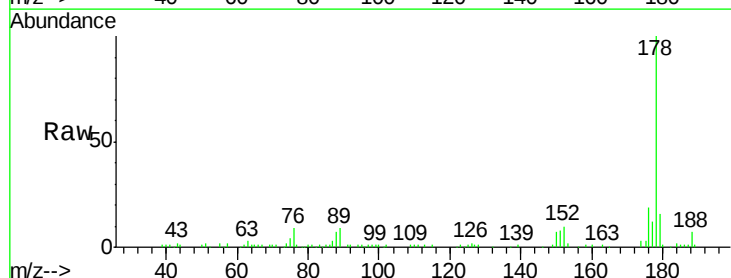
Manual Integrations
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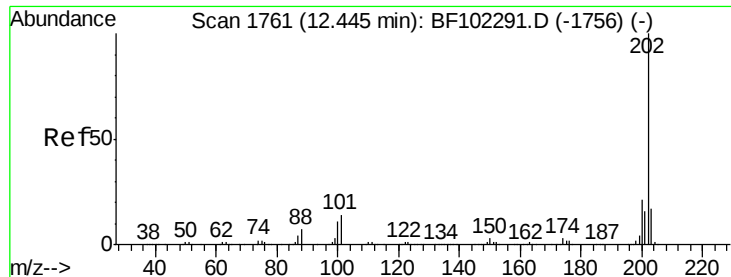
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#70
Phenanthrene
Concen: 2.918 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF102505.D
Acq: 27 Jan 2018 12:50

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	80629		
176	18.9	15.8	23.8	
179	15.7	13.0	19.6	





#74

Fluoranthene

Concen: 4.554 ng

RT: 12.44 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BF102505.D

Acq: 27 Jan 2018 12:50

Instrument :

BNA_F

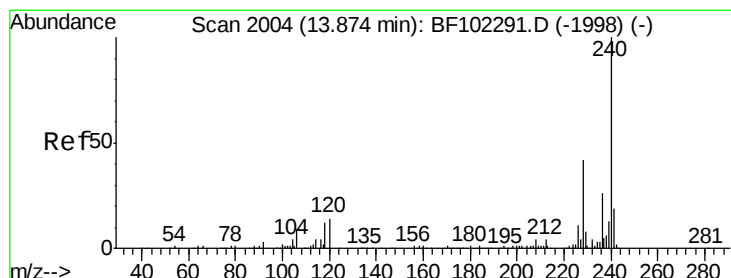
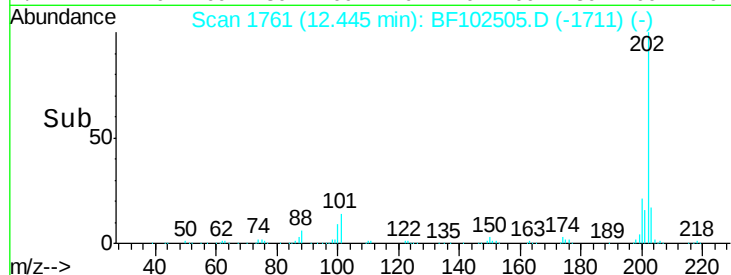
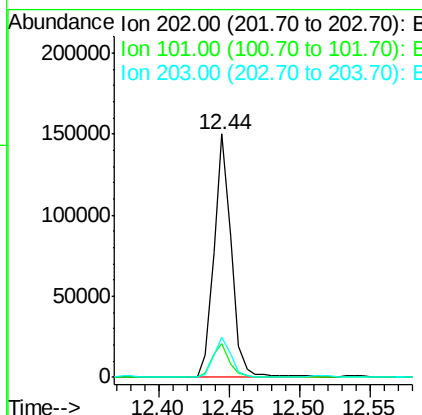
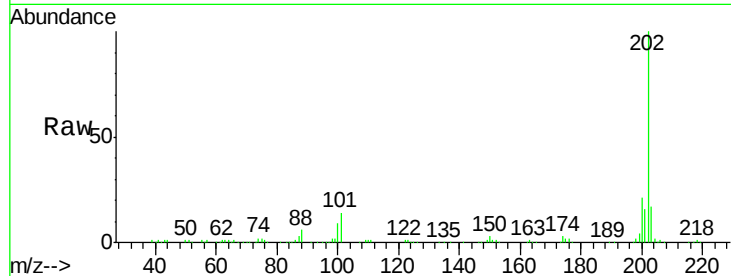
ClientSampled :

WC2

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.8	0.0	34.1
203	16.6	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

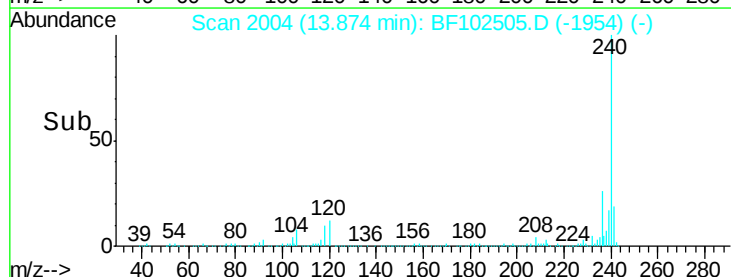
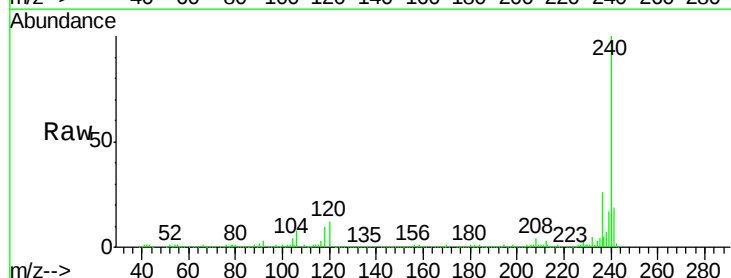
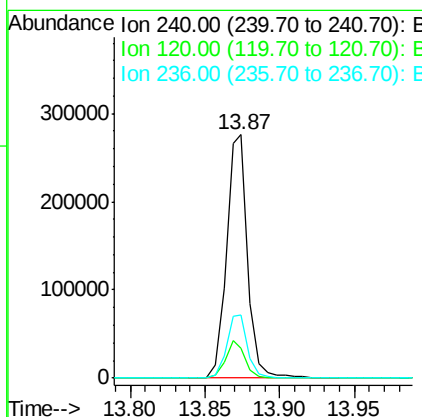
RT: 13.87 min Scan# 2004

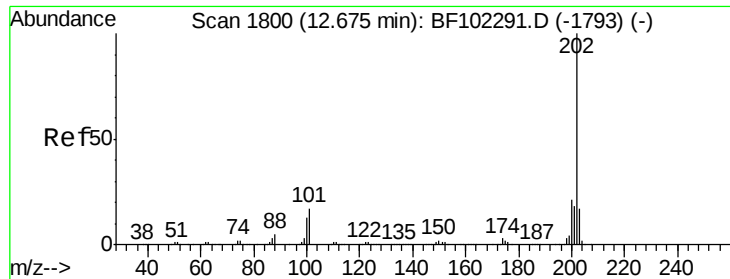
Delta R.T. -0.01 min

Lab File: BF102505.D

Acq: 27 Jan 2018 12:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	12.0	9.5	14.3
236	25.9	20.7	31.1





#77

Pyrene

Concen: 5.217 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.01 min

Lab File: BF102505.D

Acq: 27 Jan 2018 12:50

Instrument :

BNA_F

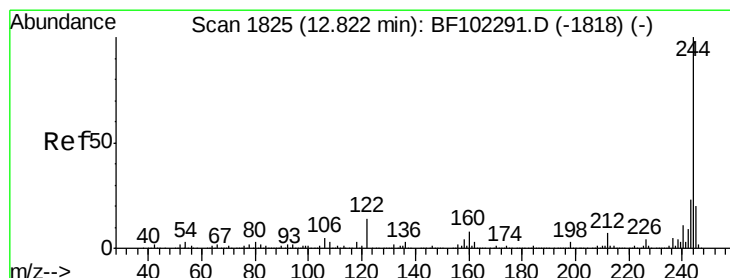
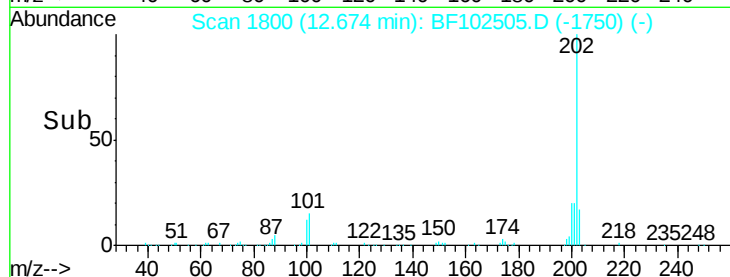
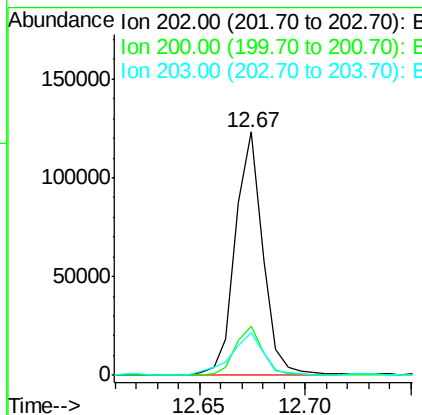
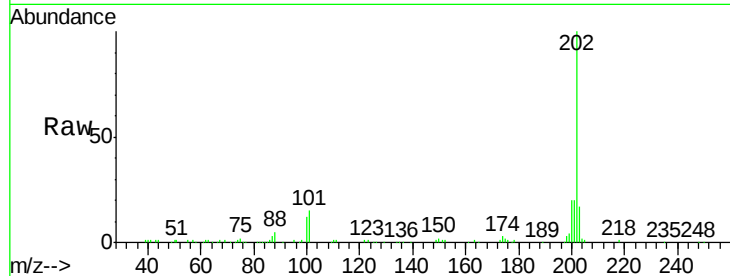
ClientSampled :

WC2

Tgt Ion:	202	Resp:	111320
Ion Ratio		Lower	Upper
202	100		
200	20.4	17.4	26.2
203	17.4	14.3	21.5

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1/29/2018 5:44:25 PM



#78

Terphenyl-d14

Concen: 48.883 ng

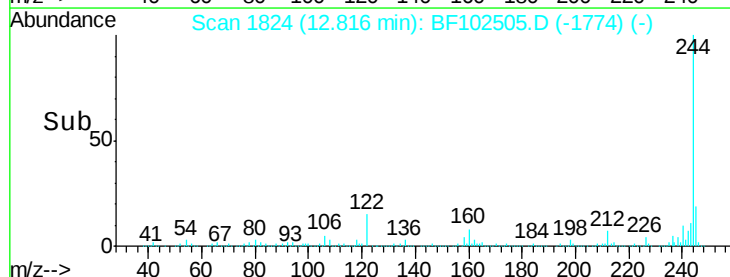
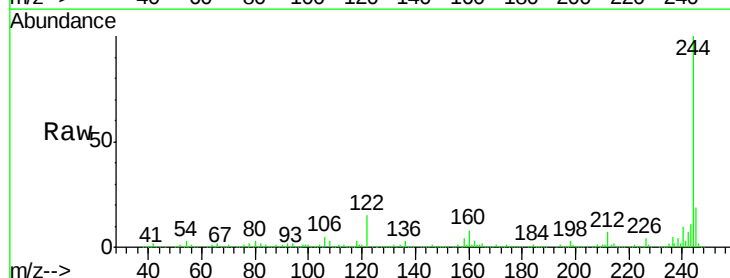
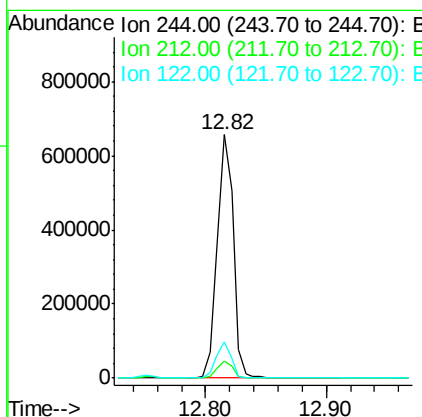
RT: 12.82 min Scan# 1824

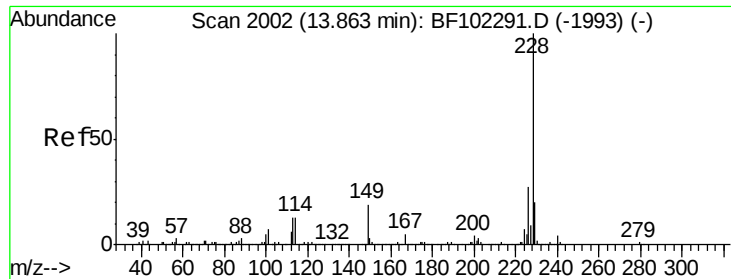
Delta R.T. -0.01 min

Lab File: BF102505.D

Acq: 27 Jan 2018 12:50

Tgt Ion:	244	Resp:	598484
Ion Ratio		Lower	Upper
244	100		
212	7.1	5.4	8.0
122	14.8	11.0	16.4





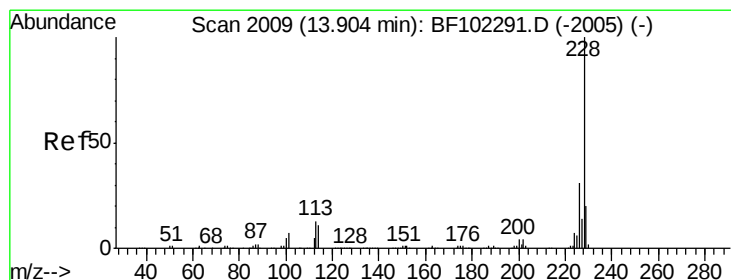
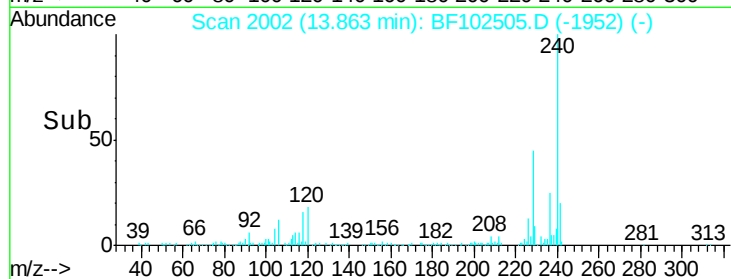
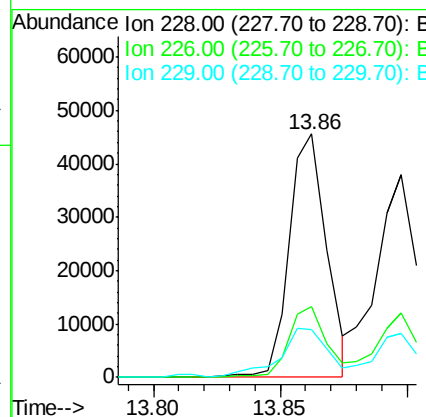
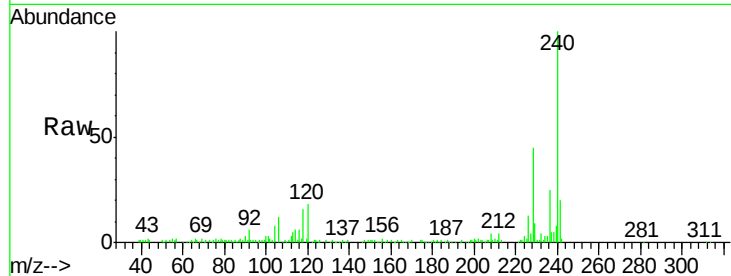
#80
Benzo(a)anthracene
Concen: 2.756 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF102505.D
Acq: 27 Jan 2018 12:50

Instrument :
BNA_F
ClientSampled :
WC2

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.6	33.8
229	19.6	15.8	23.6

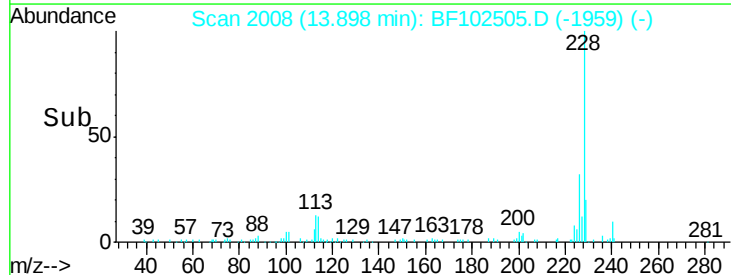
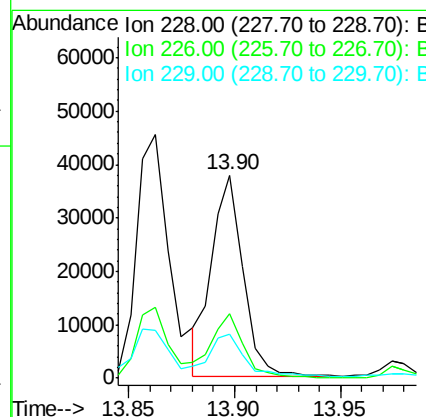
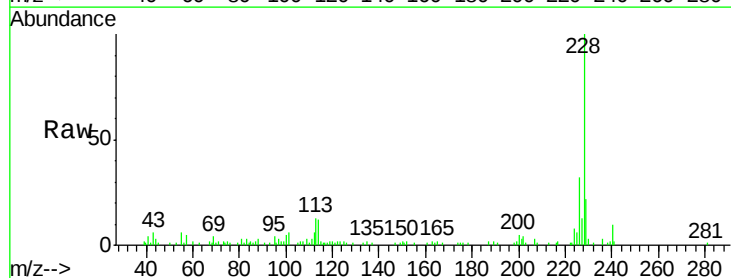
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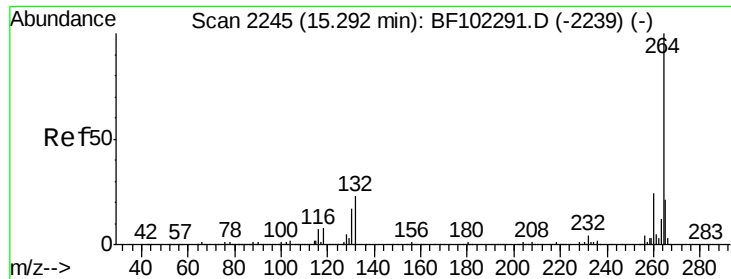
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1/29/2018 5:44:25 PM



#82
Chrysene
Concen: 2.295 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF102505.D
Acq: 27 Jan 2018 12:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.0	37.6
229	21.5	16.2	24.4





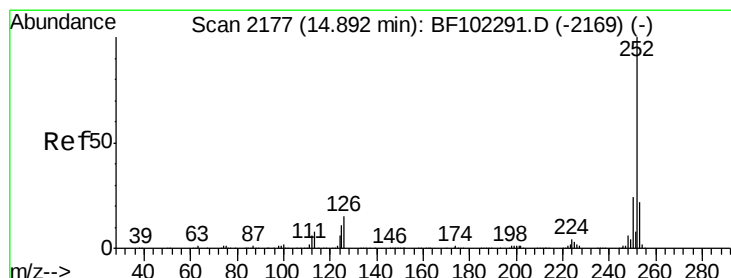
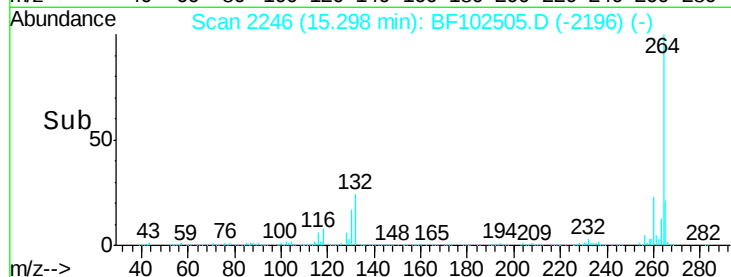
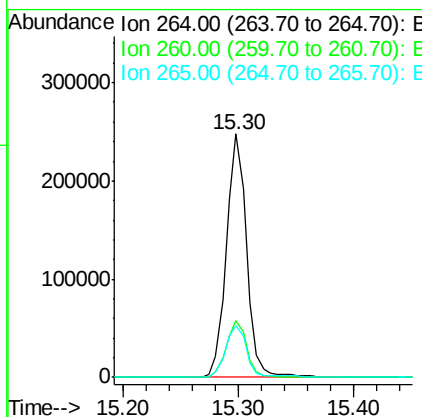
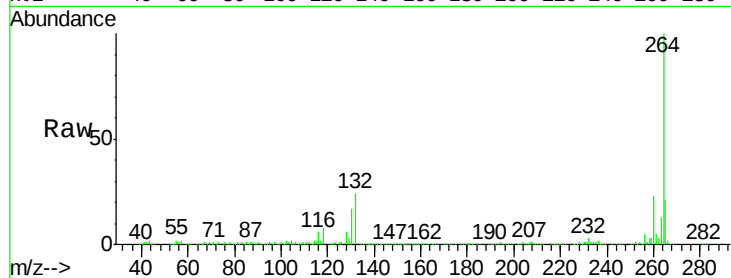
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BF102505.D
Acq: 27 Jan 2018 12:50

Instrument :
BNA_F
ClientSampleId :
WC2

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	300368		
260	23.1	19.2	28.8	
265	21.2	17.5	26.3	

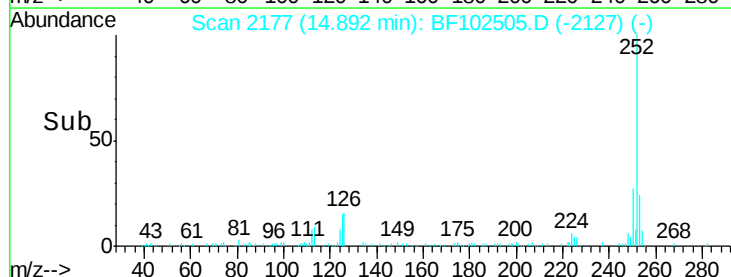
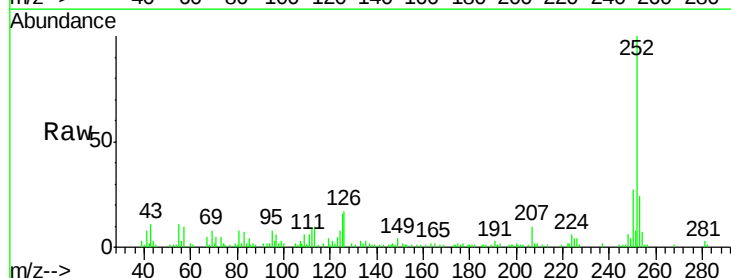
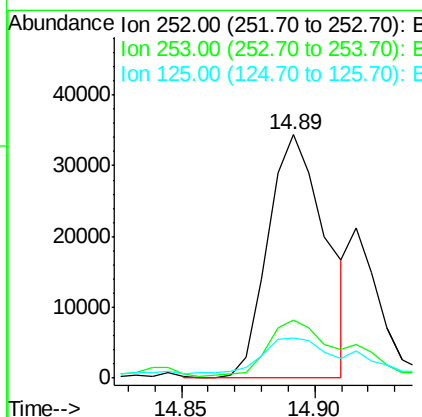
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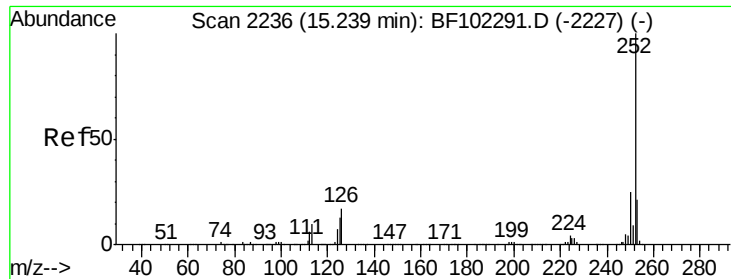
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1/29/2018 5:44:25 PM



#87
Benzo(b)fluoranthene
Concen: 2.657 ng m
RT: 14.89 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BF102505.D
Acq: 27 Jan 2018 12:50

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	51729		
253	23.6	17.0	25.6	
125	16.4	9.0	13.6	





#89

Benzo(a)pyrene

Concen: 2.170 ng

RT: 15.24 min Scan# 2236

Delta R.T. -0.01 min

Lab File: BF102505.D

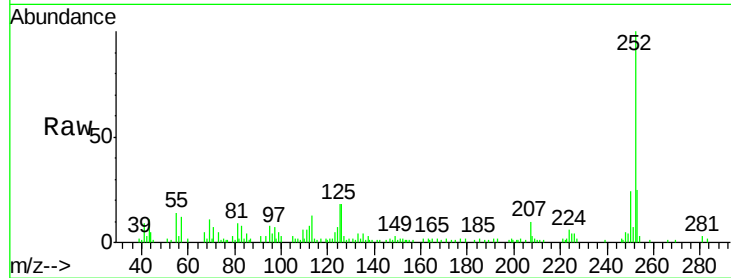
Acq: 27 Jan 2018 12:50

Instrument :

BNA_F

ClientSampleId :

WC2



Tgt Ion	Ratio	Resp	Lower	Upper
252	100	38110		
253	24.6	17.1	25.7	
125	18.3	9.8	14.6	

Manual Integrations
APPROVED

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