

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
 Data File : BF102531.D
 Acq On : 28 Jan 2018 00:45
 Operator : SJ/JU
 Sample : J1325-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-4632

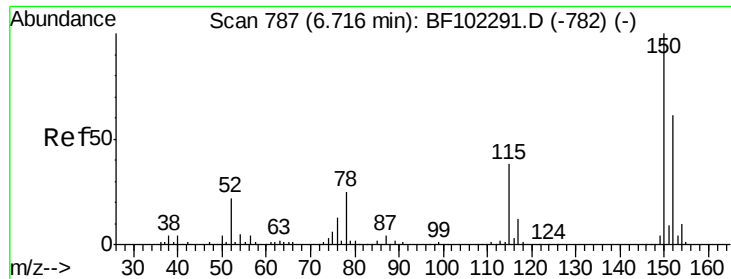
Manual Integrations
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 1/29/2018 5:44:49 PM

Quant Time: Jan 28 02:42:22 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	128396	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	490094	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	179890	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	259344	20.00	ng	0.00
75) Chrysene-d12	13.87	240	253515	20.00	ng	0.00
86) Perylene-d12	15.30	264	215217	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	879481	103.86	ng	0.00
7) Phenol-d6	6.36	99	1016454	99.57	ng	0.00
23) Nitrobenzene-d5	7.28	82	621606	72.89	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	142604	80.00	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	991765	81.06	ng	0.00
78) Terphenyl-d14	12.82	244	684623	60.88	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.37	94	39869	3.577	ng	94
49) Dimethylphthalate	9.47	163	130113	8.751	ng	100
70) Phenanthrene	11.26	178	106347	7.037	ng	98
74) Fluoranthene	12.45	202	201930	13.103	ng	97
77) Pyrene	12.67	202	184456	9.411	ng	99
80) Benzo(a)anthracene	13.87	228	90200	5.779	ng	97
82) Chrysene	13.90	228	99788	6.296	ng	97
85) Indeno(1,2,3-cd)pyrene	16.70	276	35753	2.731	ng	93
87) Benzo(b)fluoranthene	14.90	252	115071m	8.249	ng	
88) Benzo(k)fluoranthene	14.92	252	32910m	2.497	ng	
89) Benzo(a)pyrene	15.24	252	71734	5.702	ng	97
91) Benzo(g,h,i)perylene	17.13	276	35858	3.564	ng	97

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



#1

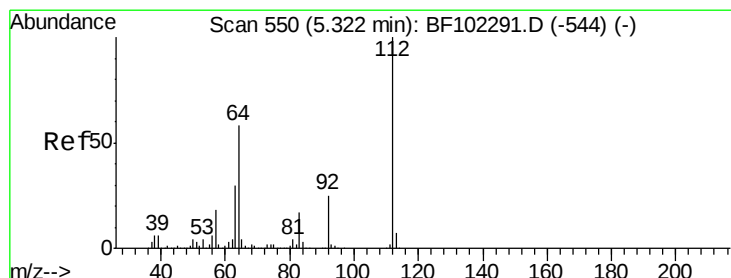
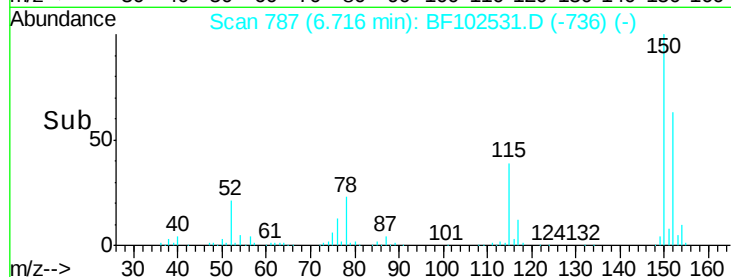
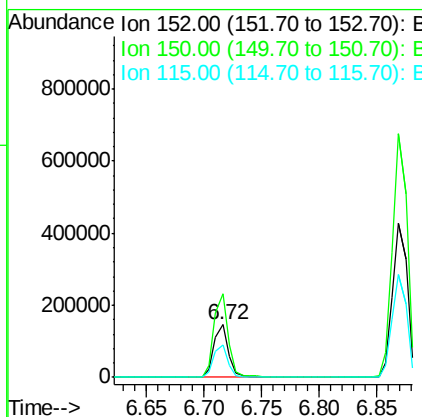
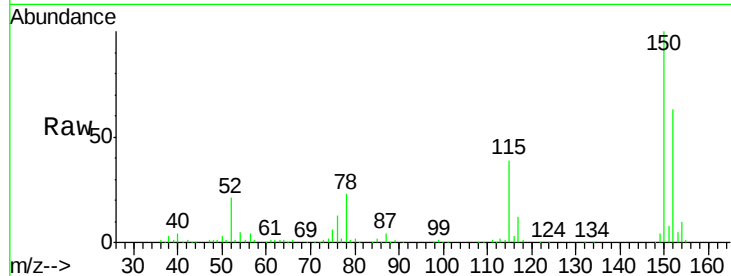
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF102531.D
Acq: 28 Jan 2018 00:45

Instrument :
BNA_F
ClientSampleId :
RO-4632

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.6	186.8
115	61.9	50.1	75.1

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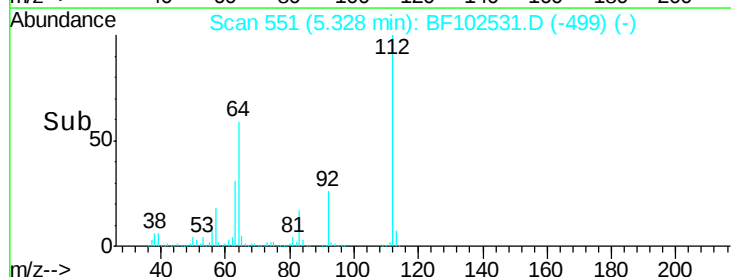
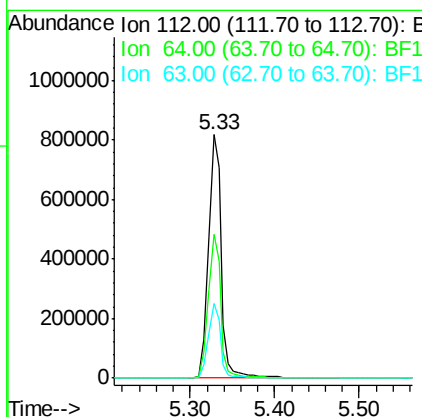
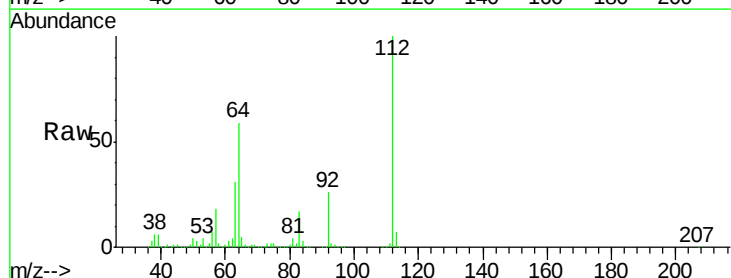
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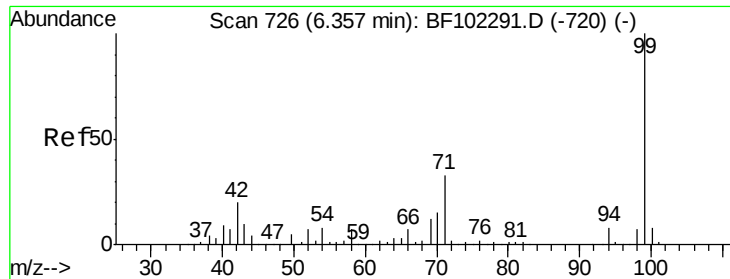


#5

2-Fluorophenol
Concen: 103.860 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102531.D
Acq: 28 Jan 2018 00:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.2	47.9	71.9
63	30.5	23.7	35.5





#7

Phenol-d6

Concen: 99.566 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF102531.D

Acq: 28 Jan 2018 00:45

Instrument :

BNA_F

ClientSampled :

RO-4632

Tgt Ion: 99 Resp: 1016454

Ion Ratio Lower Upper

99 100

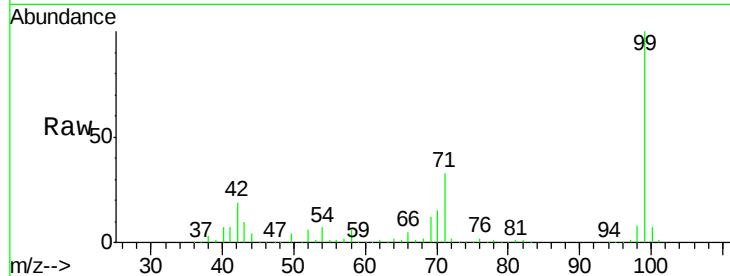
42 19.0 14.5 21.7

71 33.4 25.4 38.0

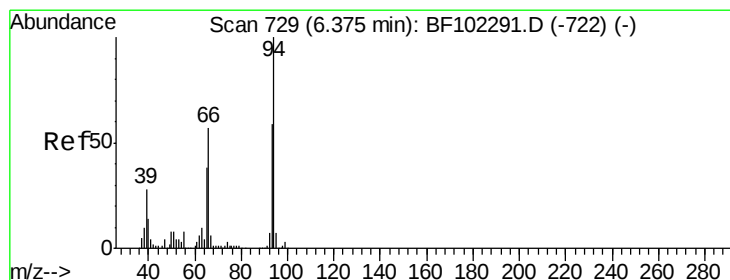
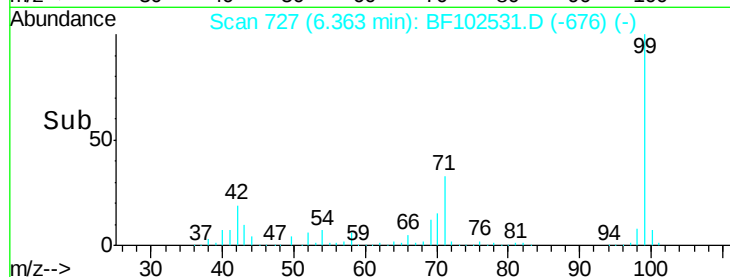
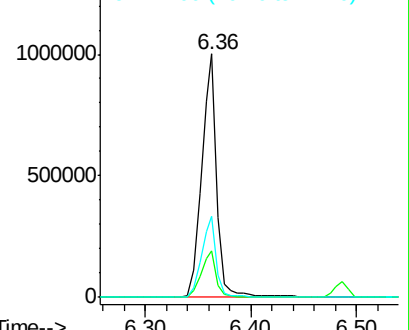
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 3.577 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF102531.D

Acq: 28 Jan 2018 00:45

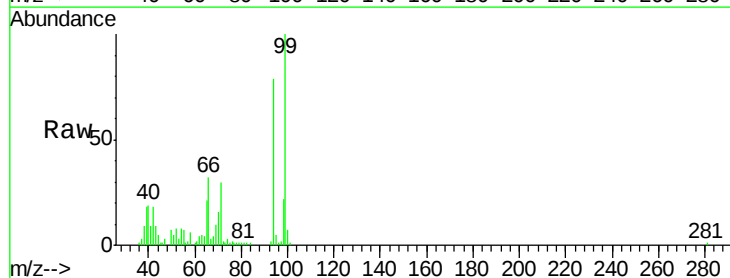
Tgt Ion: 94 Resp: 39869

Ion Ratio Lower Upper

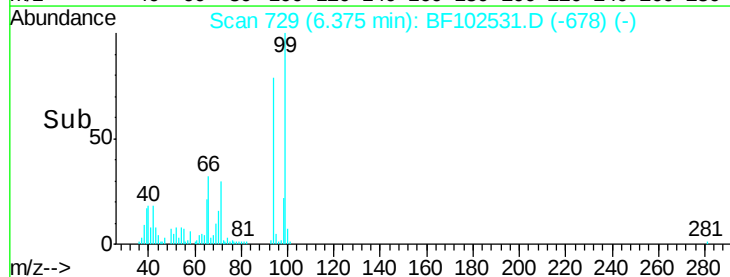
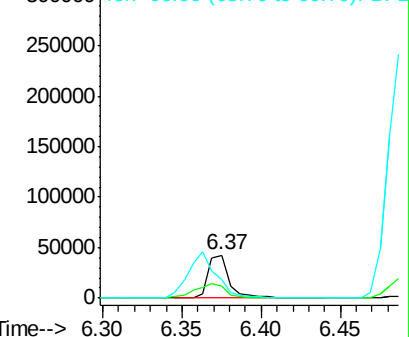
94 100

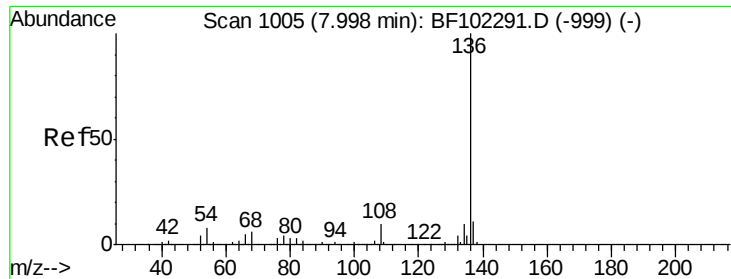
65 26.6 7.9 47.9

66 41.1 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





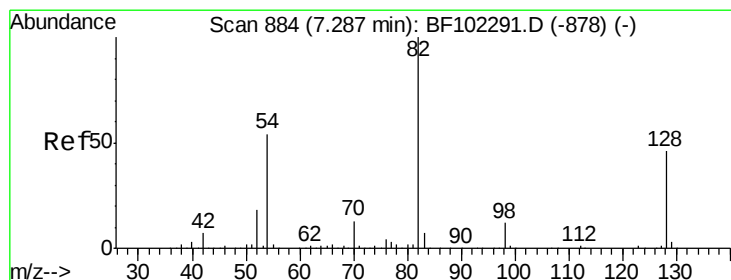
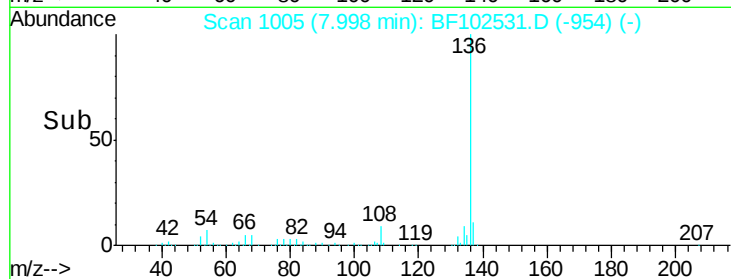
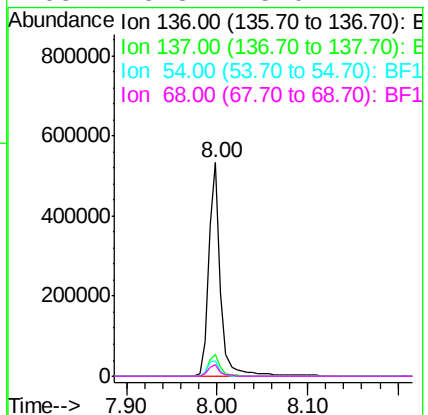
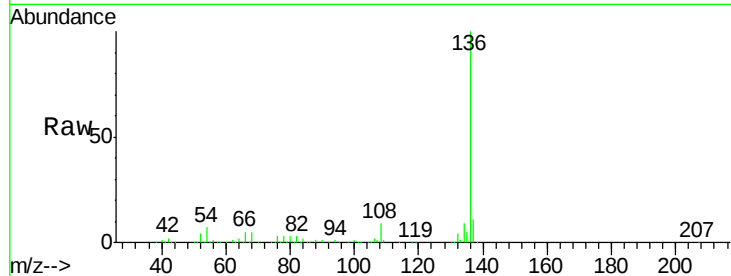
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF102531.D
Acq: 28 Jan 2018 00:45

Instrument :
BNA_F
ClientSampleId :
RO-4632

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	490094		
137	10.5	8.9	13.3	
54	7.5	6.6	9.8	
68	5.3	5.0	7.4	

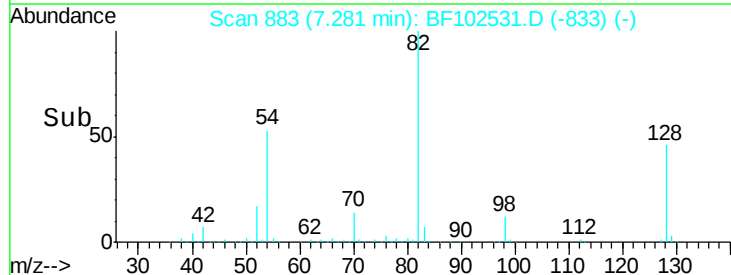
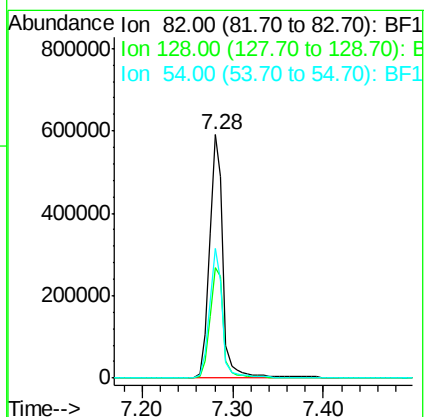
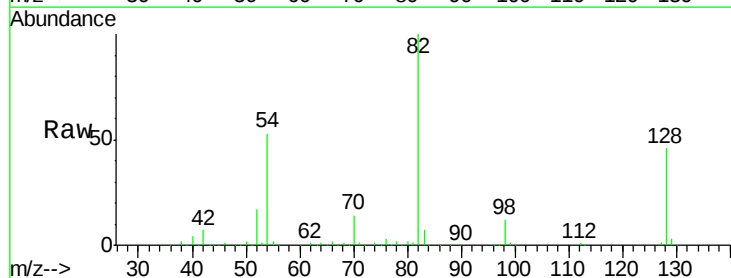
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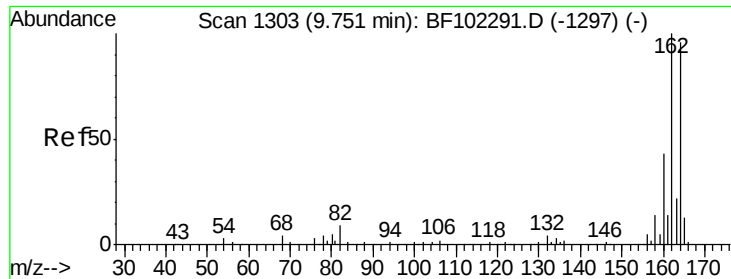
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#23
Nitrobenzene-d5
Concen: 72.888 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102531.D
Acq: 28 Jan 2018 00:45

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	621606		
128	45.6	36.1	54.1	
54	53.4	41.4	62.2	





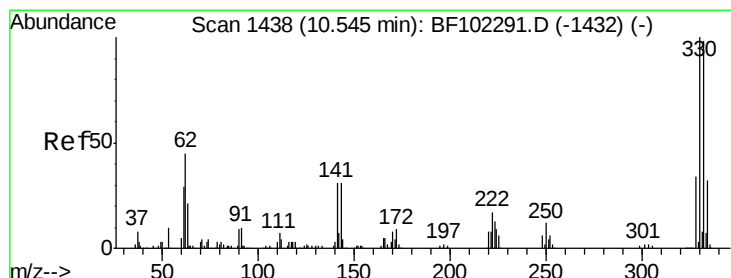
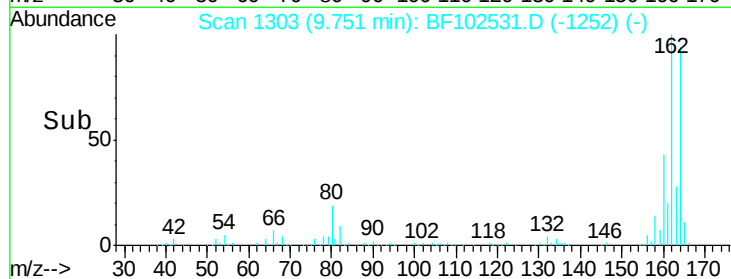
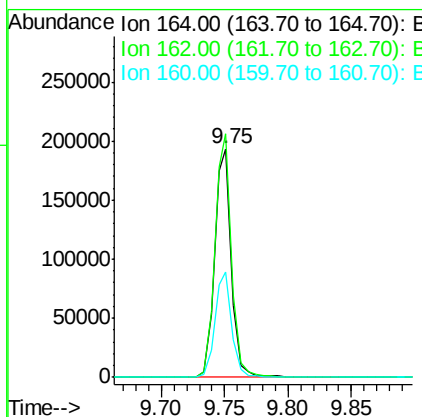
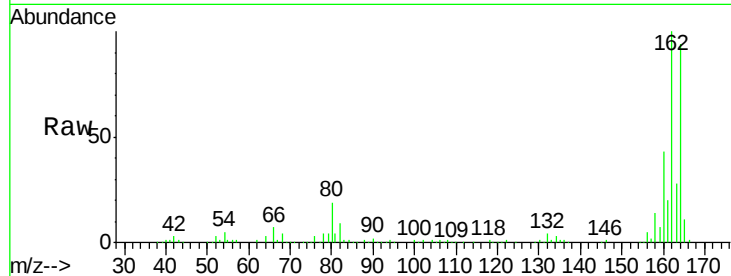
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. 0.00 min
 Lab File: BF102531.D
 Acq: 28 Jan 2018 00:45

Instrument :
 BNA_F
 ClientSampled :
 RO-4632

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	179890		
162	106.5	86.1	129.1	
160	46.0	38.3	57.5	

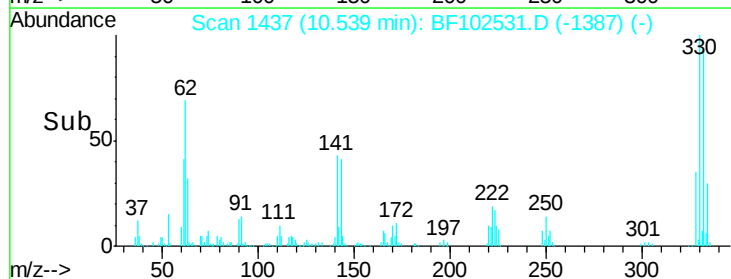
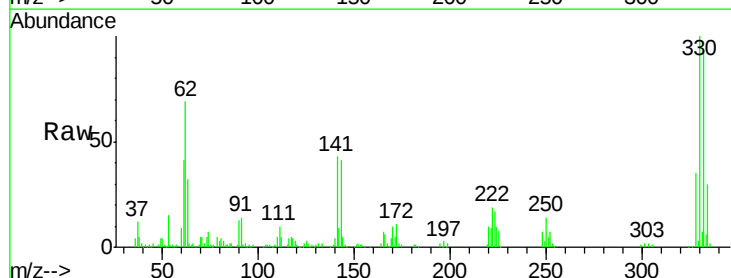
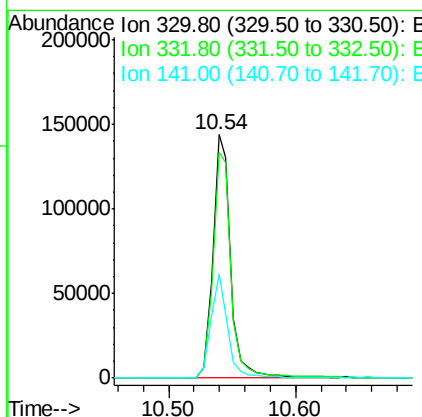
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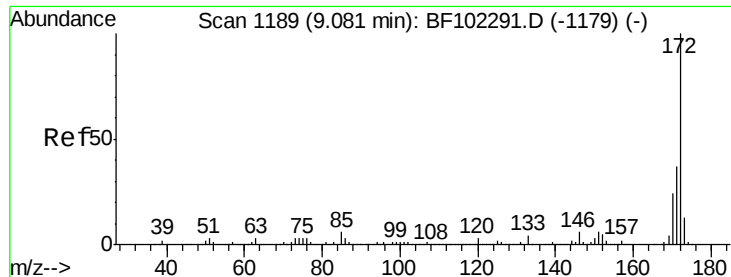
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#41
 2,4,6-Tribromophenol
 Concen: 80.004 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102531.D
 Acq: 28 Jan 2018 00:45

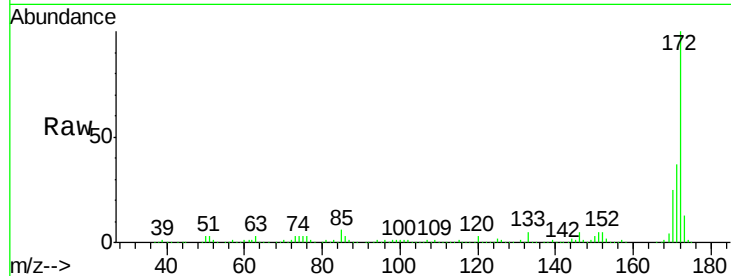
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	142604		
332	95.8	77.0	115.6	
141	41.1	29.9	44.9	





#44
2-Fluorobiphenyl
Concen: 81.063 ng
RT: 9.07 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF102531.D
Acq: 28 Jan 2018 00:45

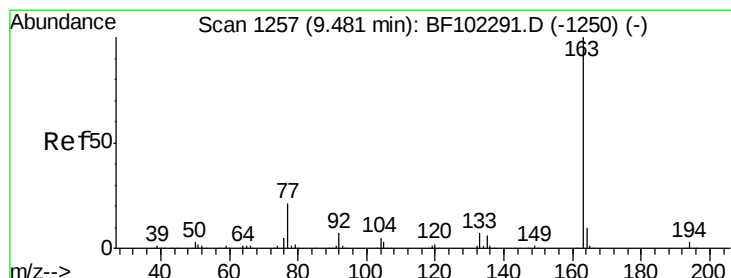
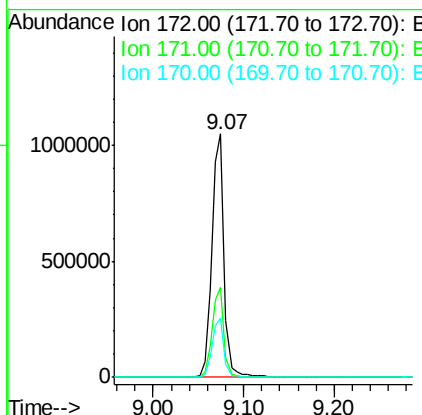
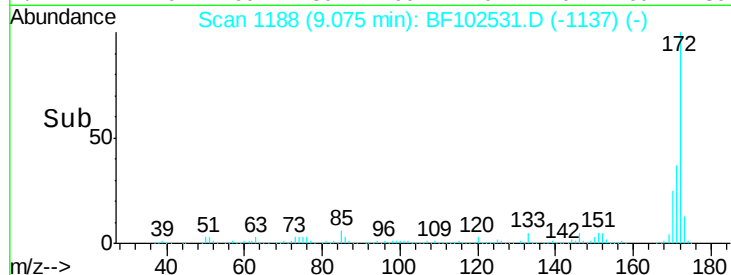
Instrument :
BNA_F
ClientSampled :
RO-4632



Tgt Ion:172 Resp: 991765
Ion Ratio Lower Upper
172 100
171 36.7 29.7 44.5
170 24.6 19.6 29.4

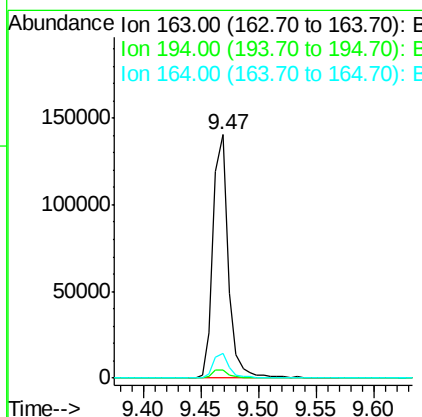
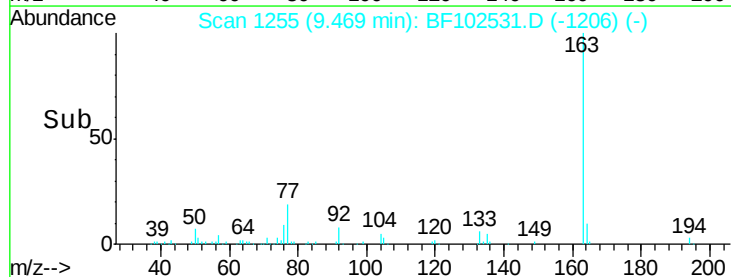
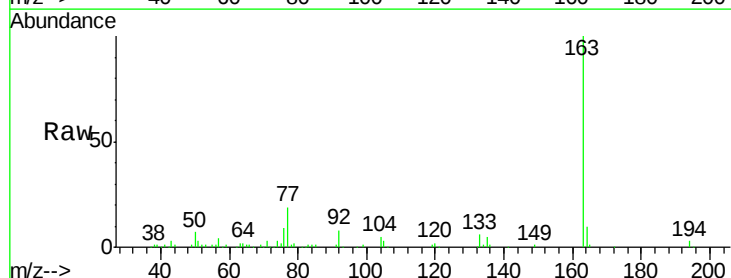
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#49
Dimethylphthalate
Concen: 8.751 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF102531.D
Acq: 28 Jan 2018 00:45

Tgt Ion:163 Resp: 130113
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.3 8.2 12.2





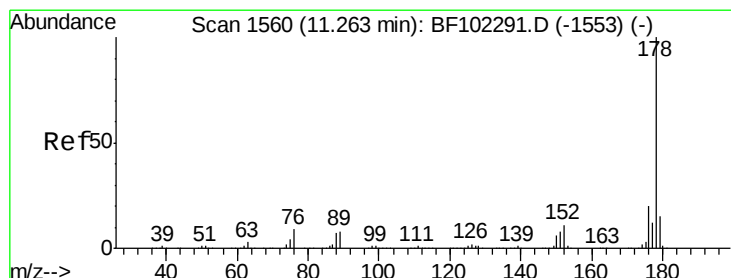
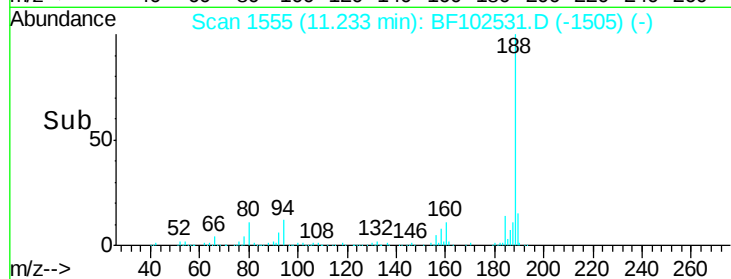
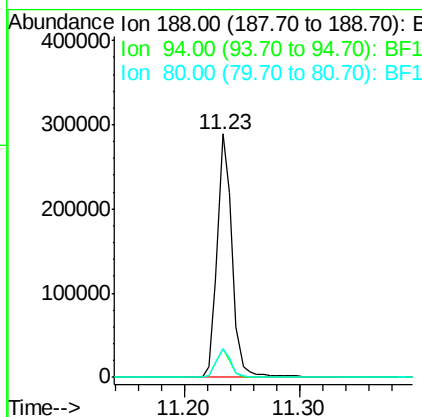
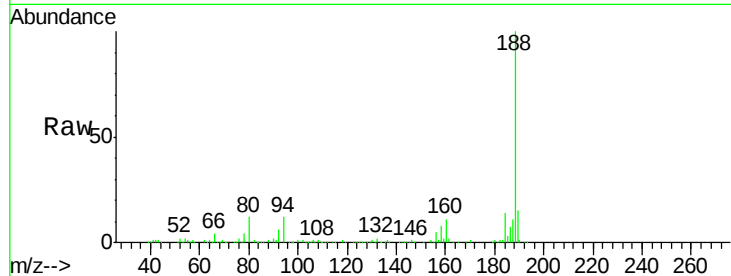
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102531.D
Acq: 28 Jan 2018 00:45

Instrument :
BNA_F
ClientSampleId :
RO-4632

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	259344		
94	11.6	8.5	12.7	
80	11.6	9.2	13.8	

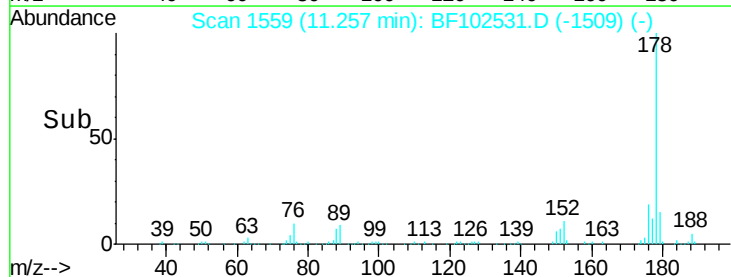
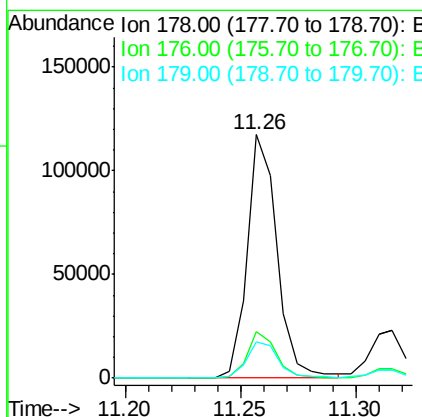
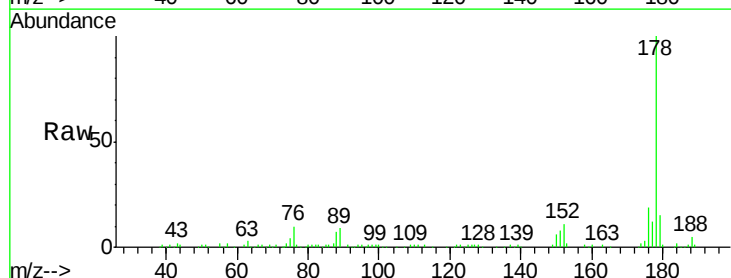
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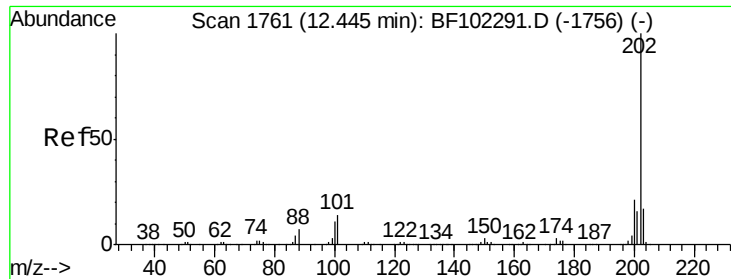
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#70
Phenanthrene
Concen: 7.037 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF102531.D
Acq: 28 Jan 2018 00:45

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	106347		
176	19.3	15.8	23.8	
179	15.0	13.0	19.6	





#74

Fluoranthene

Concen: 13.103 ng

RT: 12.45 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BF102531.D

Acq: 28 Jan 2018 00:45

Instrument :

BNA_F

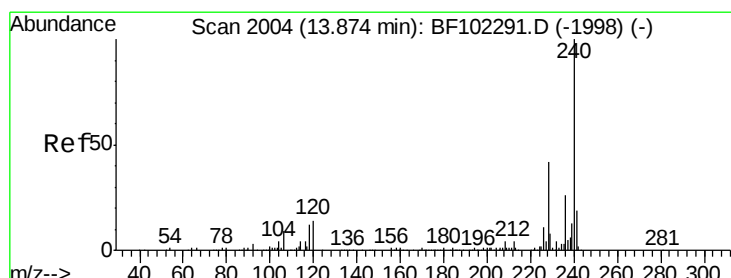
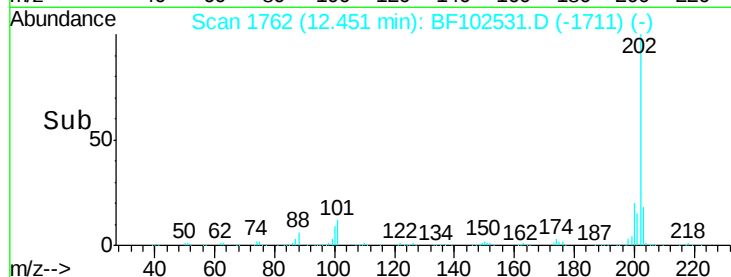
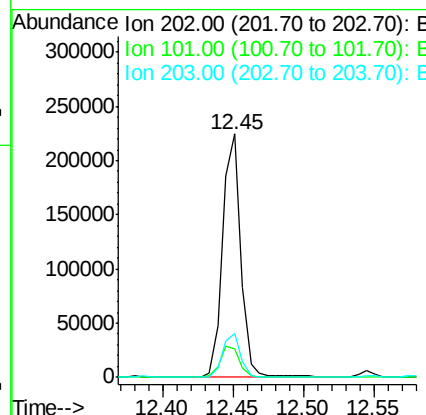
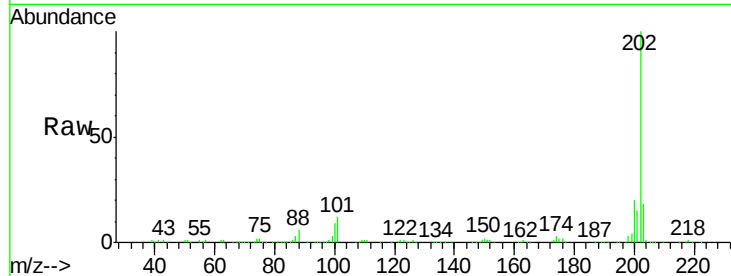
ClientSampleId :

RO-4632

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.5	0.0	34.1
203	17.8	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

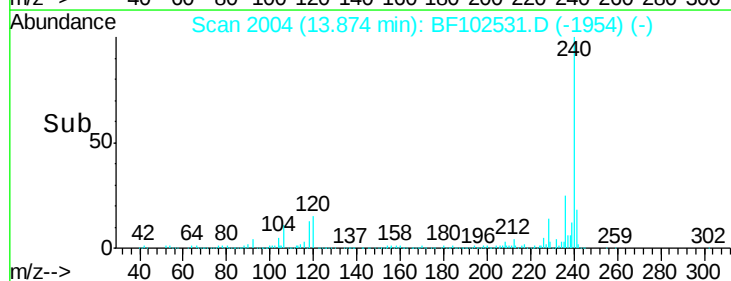
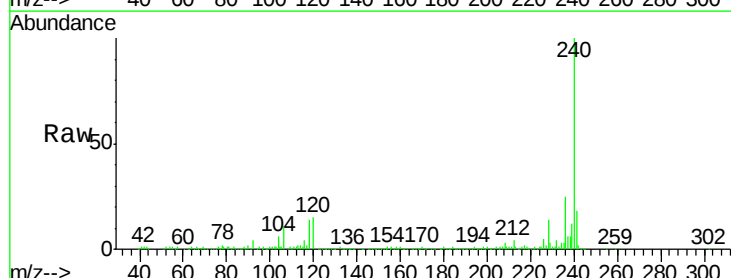
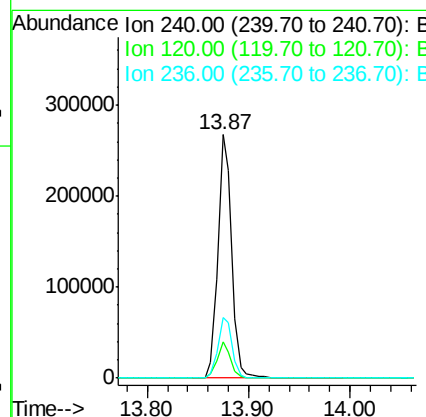
RT: 13.87 min Scan# 2004

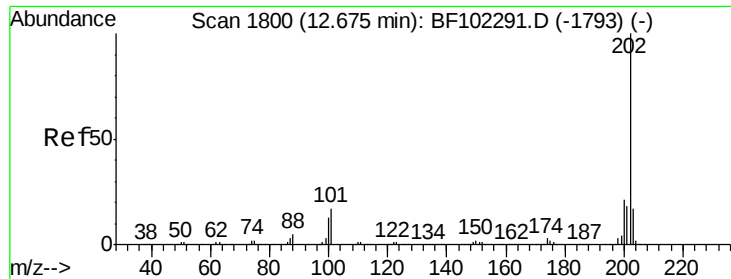
Delta R.T. -0.01 min

Lab File: BF102531.D

Acq: 28 Jan 2018 00:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	14.8	9.5	14.3#
236	25.1	20.7	31.1





#77

Pyrene

Concen: 9.411 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.01 min

Lab File: BF102531.D

Acq: 28 Jan 2018 00:45

Instrument :

BNA_F

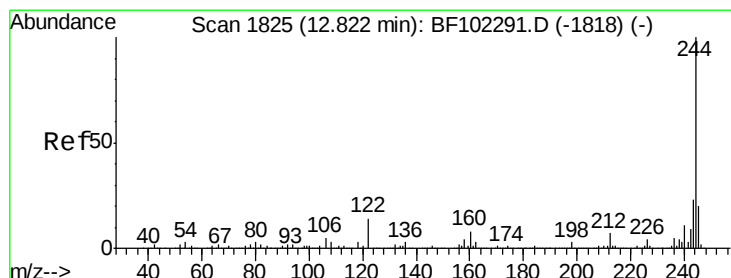
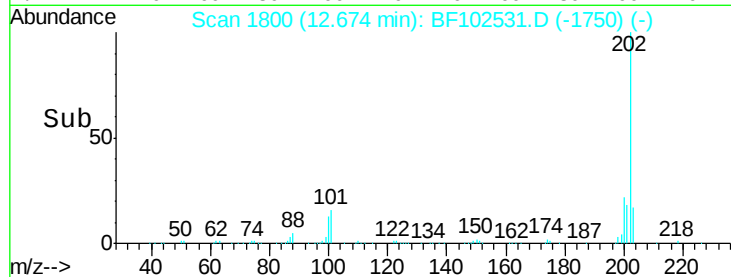
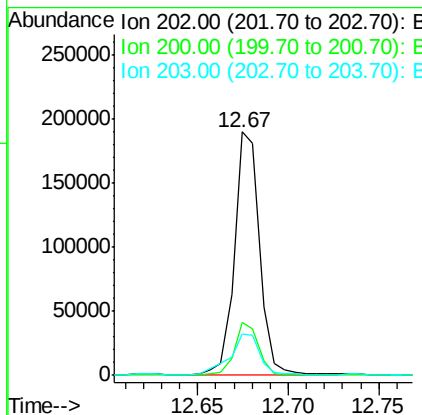
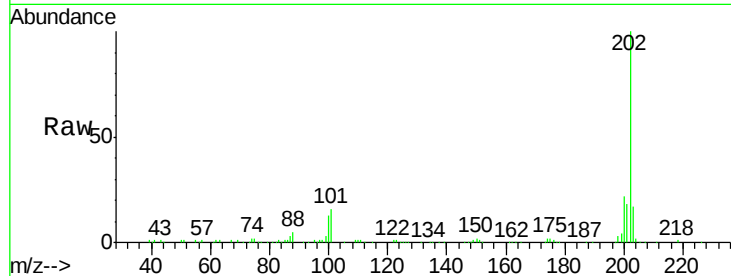
ClientSampleId :

RO-4632

Tgt Ion:	202	Resp:	184456
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.4	26.2
203	17.0	14.3	21.5

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#78

Terphenyl-d14

Concen: 60.879 ng

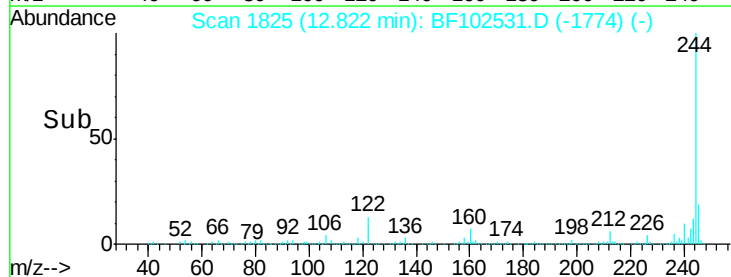
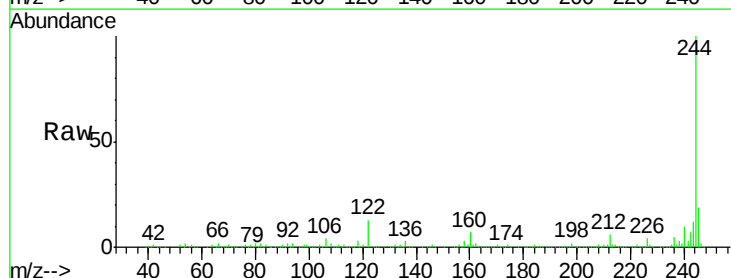
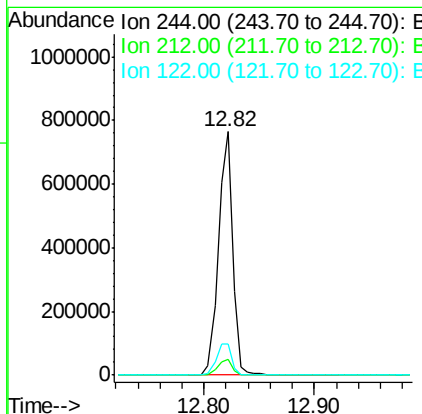
RT: 12.82 min Scan# 1825

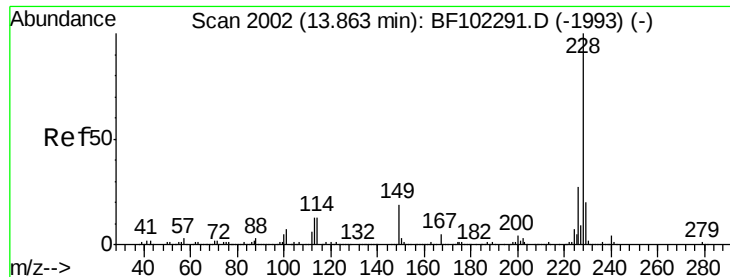
Delta R.T. 0.00 min

Lab File: BF102531.D

Acq: 28 Jan 2018 00:45

Tgt Ion:	244	Resp:	684623
Ion Ratio	Lower	Upper	
244	100		
212	6.4	5.4	8.0
122	12.6	11.0	16.4





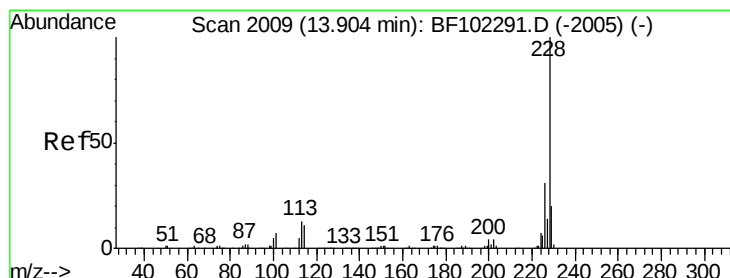
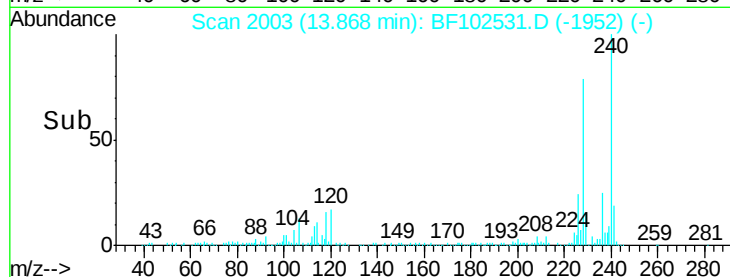
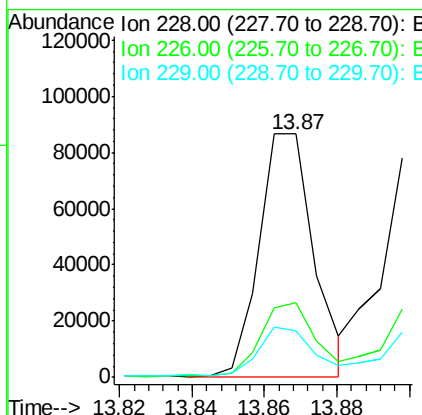
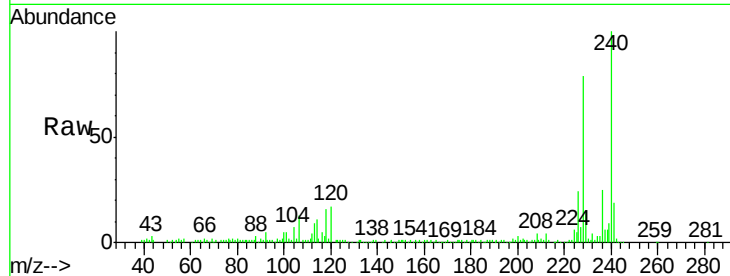
#80
Benzo(a)anthracene
Concen: 5.779 ng
RT: 13.87 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BF102531.D
Acq: 28 Jan 2018 00:45

Instrument :
BNA_F
ClientSampled :
RO-4632

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	22.6	33.8
229	19.0	15.8	23.6

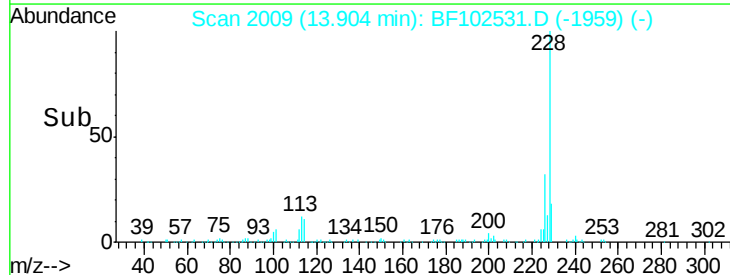
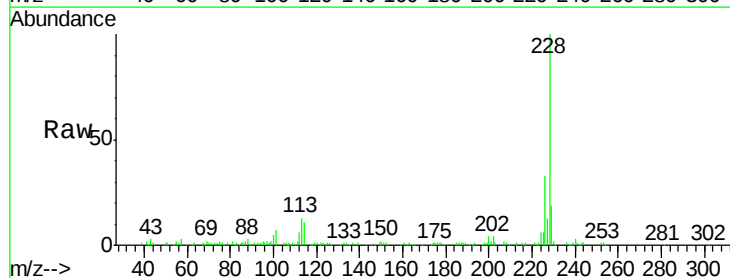
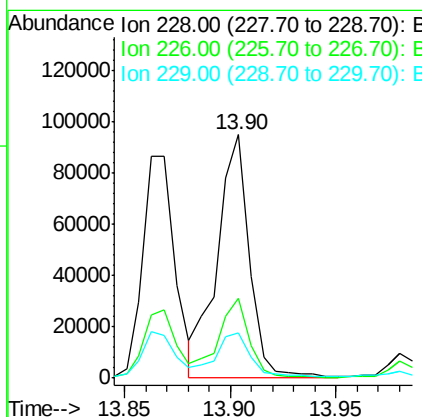
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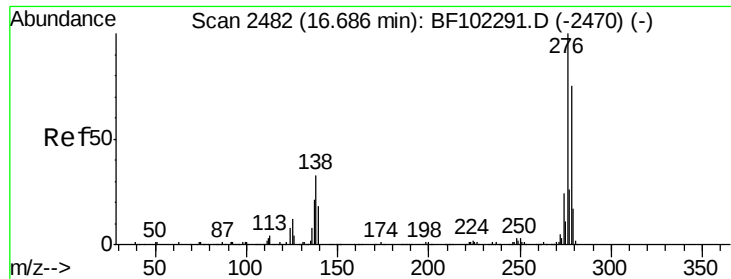
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#82
Chrysene
Concen: 6.296 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF102531.D
Acq: 28 Jan 2018 00:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.8	25.0	37.6
229	18.8	16.2	24.4





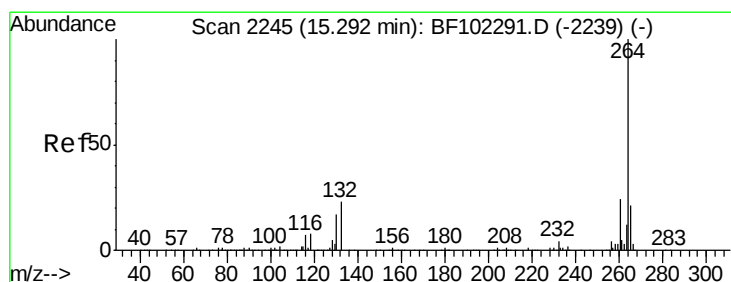
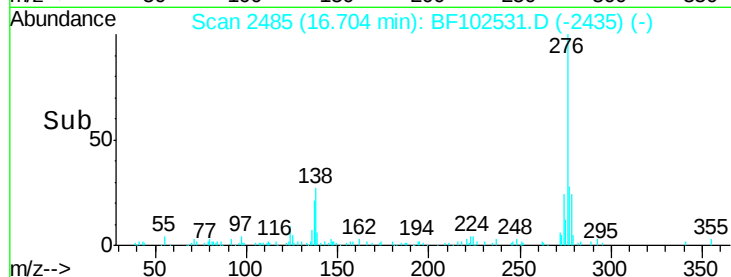
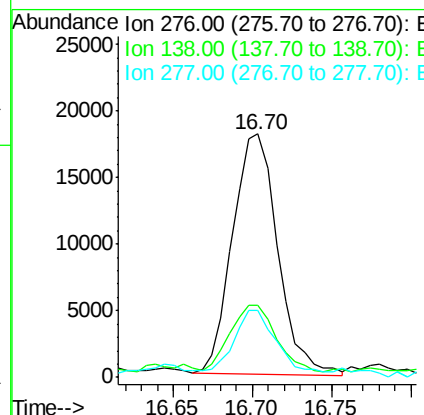
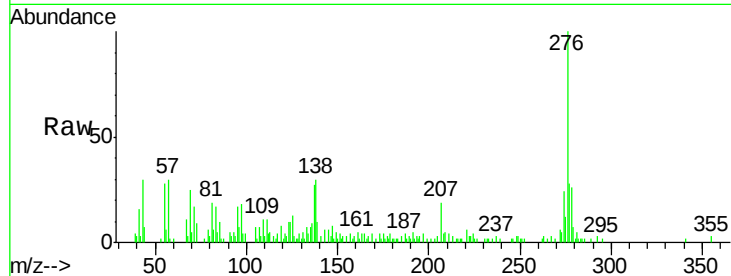
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.731 ng
 RT: 16.70 min Scan# 2485
 Delta R.T. -0.01 min
 Lab File: BF102531.D
 Acq: 28 Jan 2018 00:45

Instrument :
 BNA_F
 ClientSampled :
 RO-4632

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.6	25.0	37.6
277	28.4	20.1	30.1

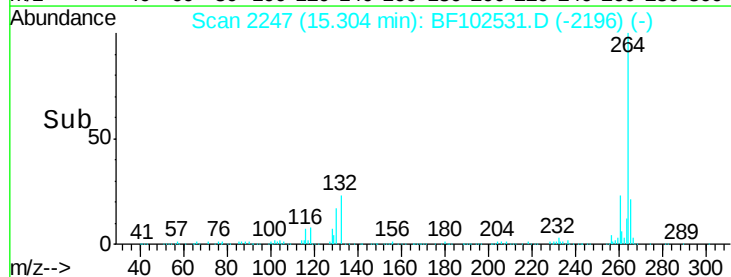
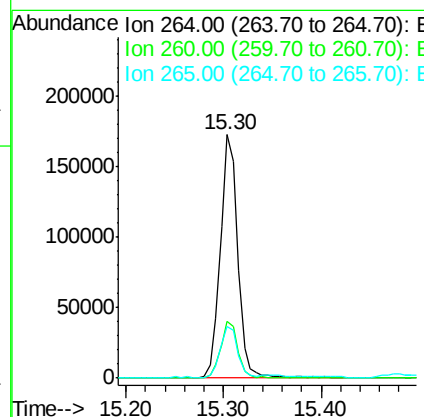
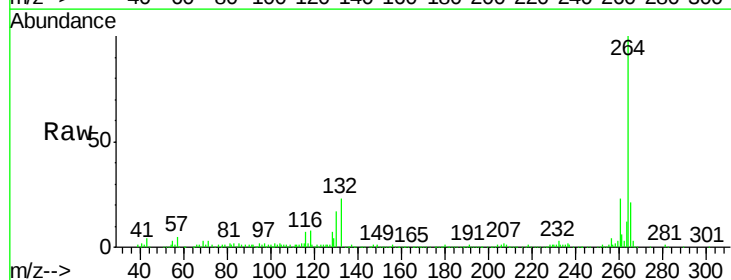
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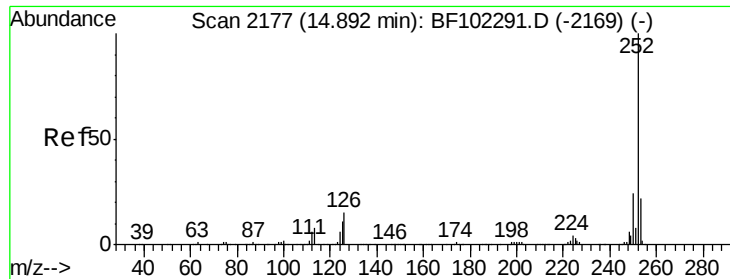
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. 0.00 min
 Lab File: BF102531.D
 Acq: 28 Jan 2018 00:45

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.4	17.5	26.3





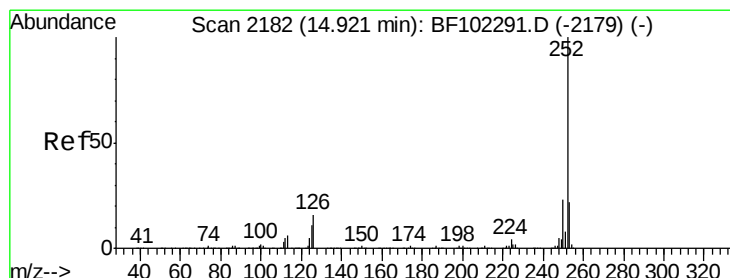
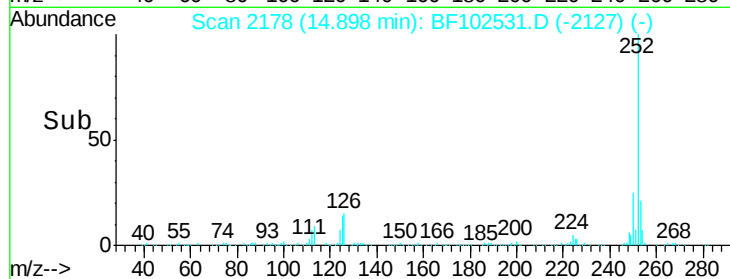
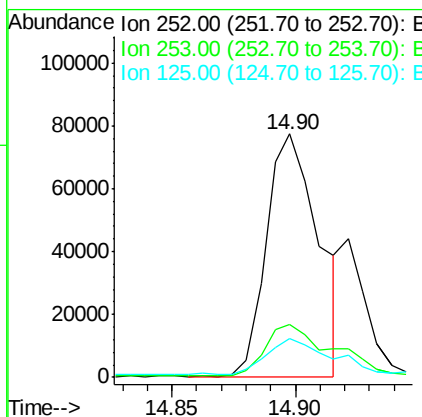
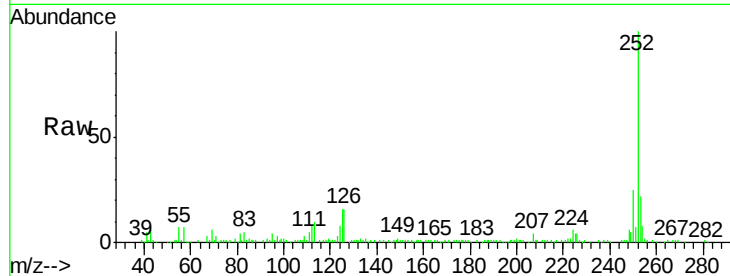
#87
Benzo(b)fluoranthene
Concen: 8.249 ng m
RT: 14.90 min Scan# 2178
Delta R.T. 0.00 min
Lab File: BF102531.D
Acq: 28 Jan 2018 00:45

Instrument :
BNA_F
ClientSampled :
RO-4632

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.6
125	15.9	9.0	13.6

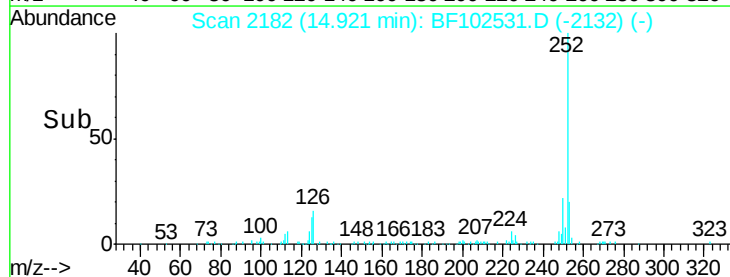
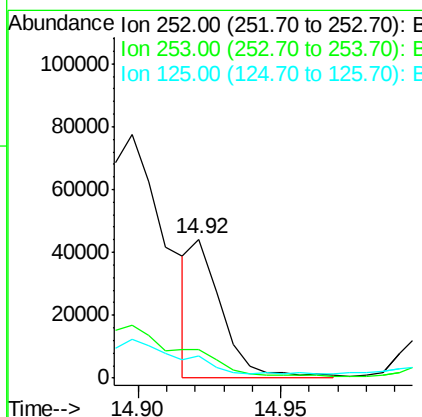
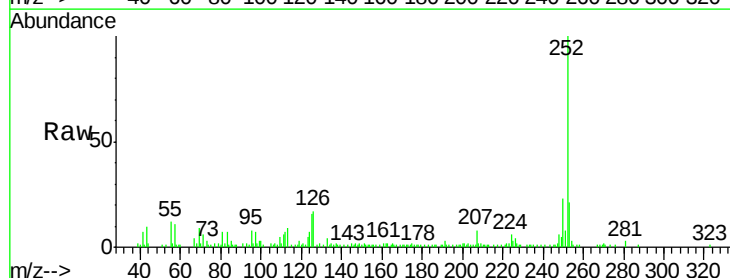
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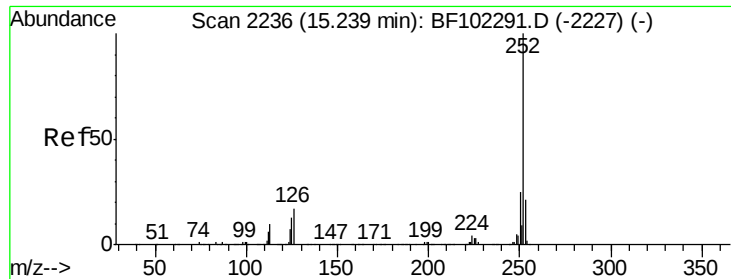
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#88
Benzo(k)fluoranthene
Concen: 2.497 ng m
RT: 14.92 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BF102531.D
Acq: 28 Jan 2018 00:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.6	17.9	26.9
125	15.9	10.2	15.2





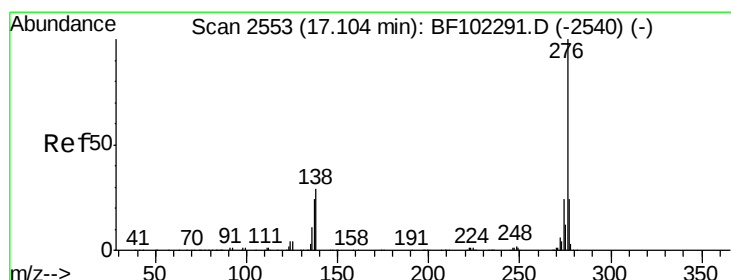
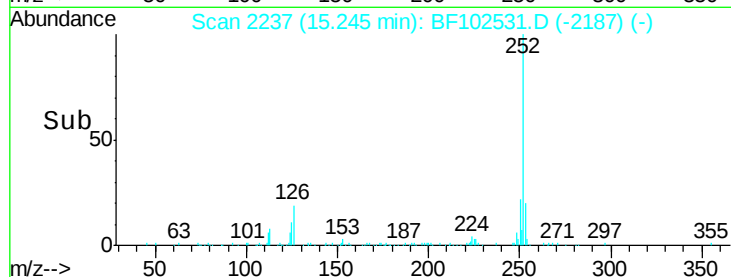
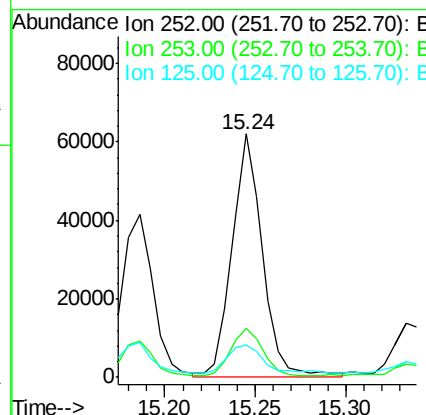
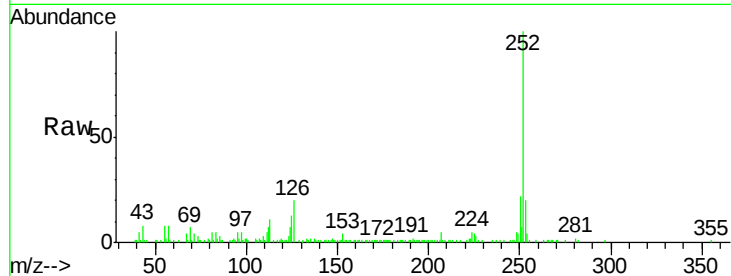
#89
Benzo(a)pyrene
Concen: 5.702 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BF102531.D
Acq: 28 Jan 2018 00:45

Instrument :
BNA_F
ClientSampleId :
RO-4632

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.2	17.1	25.7
125	13.4	9.8	14.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 3.564 ng
RT: 17.13 min Scan# 2557
Delta R.T. -0.01 min
Lab File: BF102531.D
Acq: 28 Jan 2018 00:45

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	17.9	26.9
138	29.1	21.8	32.8

