

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
 Data File : BF102534.D
 Acq On : 28 Jan 2018 2:05
 Operator : SJ/JU
 Sample : J1325-07
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-2334

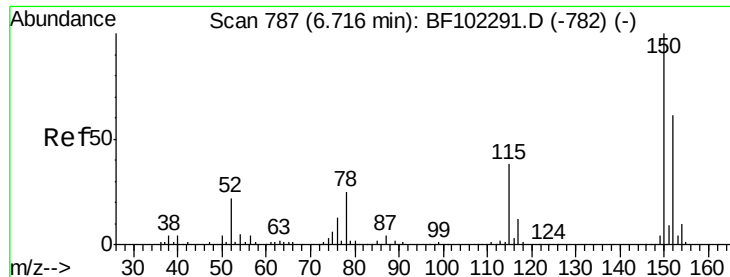
Manual Integrations
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Quant Time: Jan 28 02:51:57 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 20:48:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	183232	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	718786	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	273697	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	389970	20.00	ng	0.00
75) Chrysene-d12	13.87	240	328838	20.00	ng	0.00
86) Perylene-d12	15.30	264	265719	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1240443	102.65	ng	0.01
7) Phenol-d6	6.36	99	1499805	102.95	ng	0.00
23) Nitrobenzene-d5	7.29	82	913556	73.04	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	205365	75.73	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1325449	71.21	ng	0.00
78) Terphenyl-d14	12.82	244	811264	55.62	ng	0.00
Target Compounds						
10) Phenol	6.37	94	70827	4.453	ng	98
49) Dimethylphthalate	9.47	163	261142	11.543	ng	99
87) Benzo(b)fluoranthene	14.89	252	44911m	2.608	ng	

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



#1

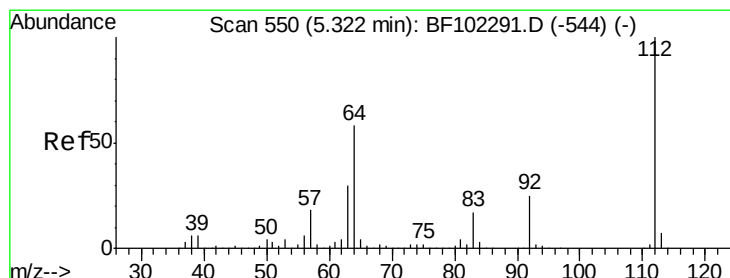
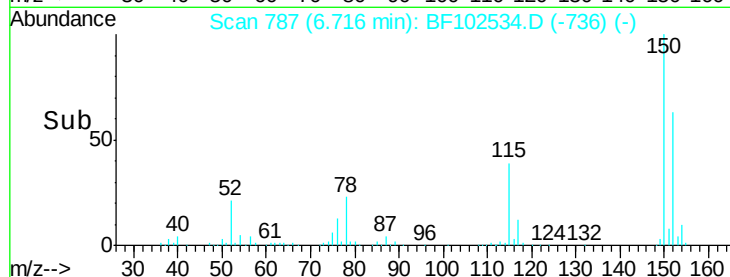
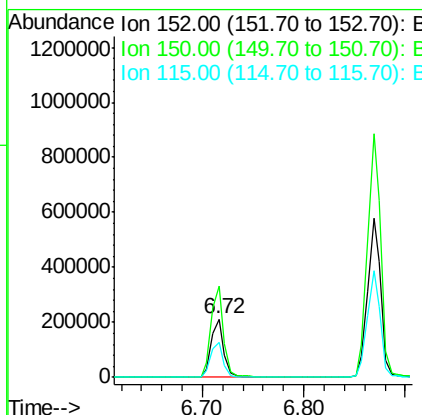
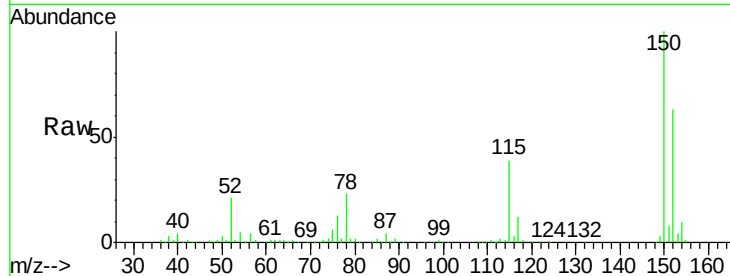
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF102534.D
Acq: 28 Jan 2018 2:05

Instrument :
BNA_F
ClientSampled :
RO-2334

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	183232		
150	157.5	124.6	186.8	
115	60.9	50.1	75.1	

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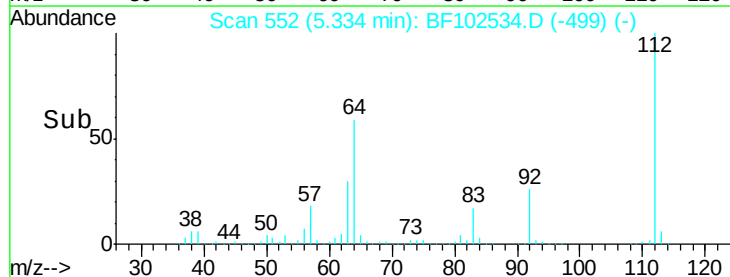
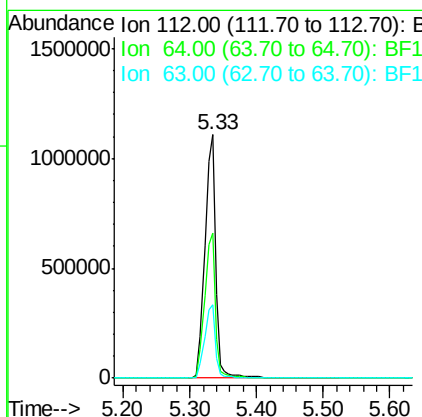
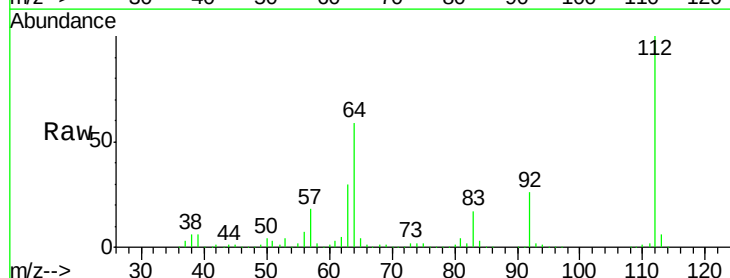
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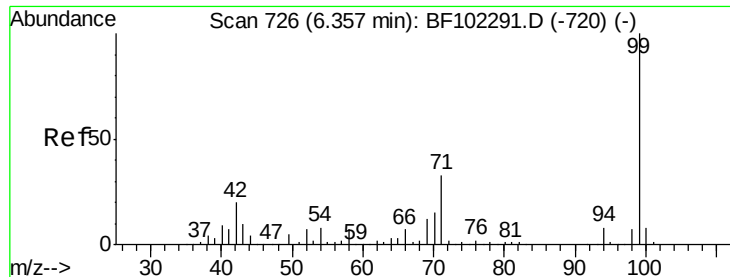


#5

2-Fluorophenol
Concen: 102.648 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102534.D
Acq: 28 Jan 2018 2:05

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	1240443		
64	59.4	47.9	71.9	
63	30.1	23.7	35.5	





#7

Phenol-d6

Concen: 102.946 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF102534.D

Acq: 28 Jan 2018 2:05

Instrument :

BNA_F

ClientSampleId :

RO-2334

Tgt Ion: 99 Resp: 1499805

Ion Ratio Lower Upper

99 100

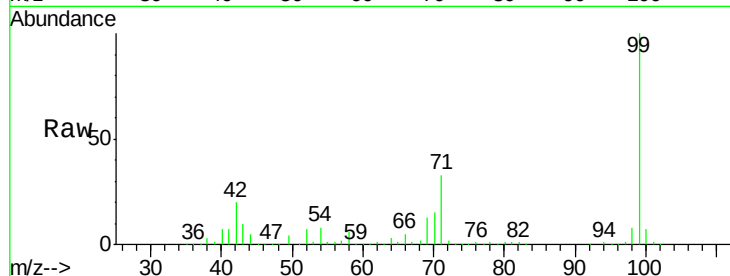
42 19.6 14.5 21.7

71 33.1 25.4 38.0

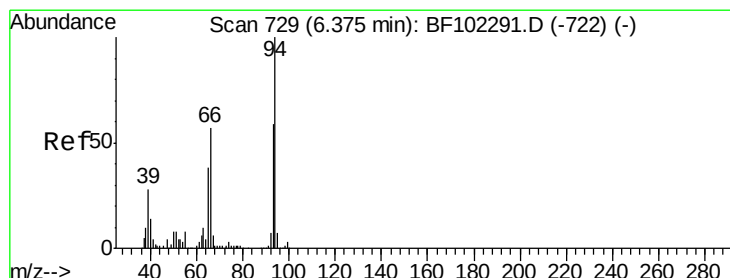
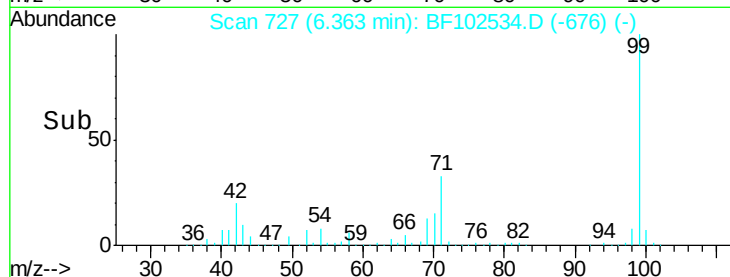
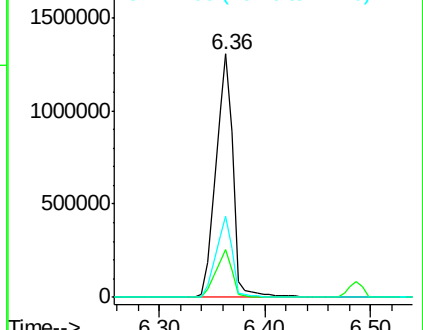
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 4.453 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF102534.D

Acq: 28 Jan 2018 2:05

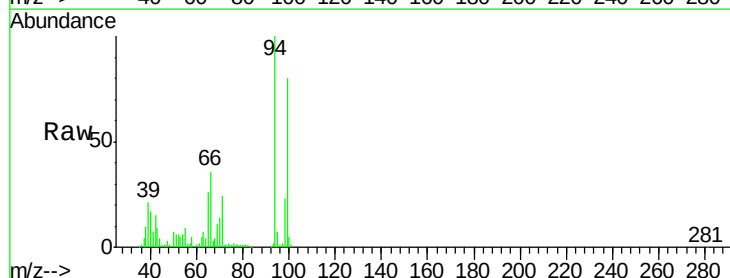
Tgt Ion: 94 Resp: 70827

Ion Ratio Lower Upper

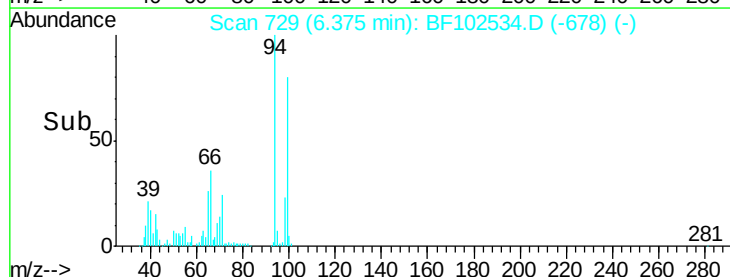
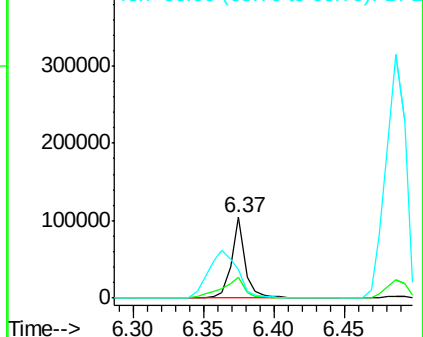
94 100

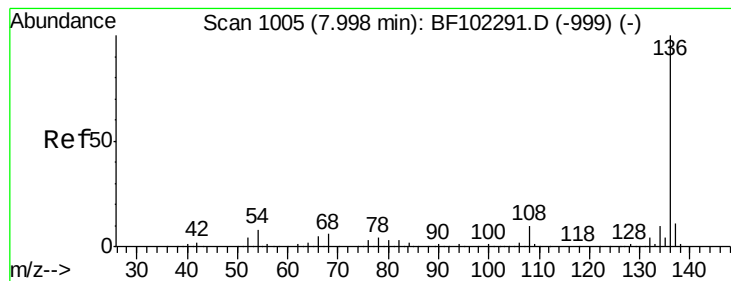
65 26.4 7.9 47.9

66 35.9 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: BF102534.D

Acq: 28 Jan 2018 2:05

Instrument :

BNA_F

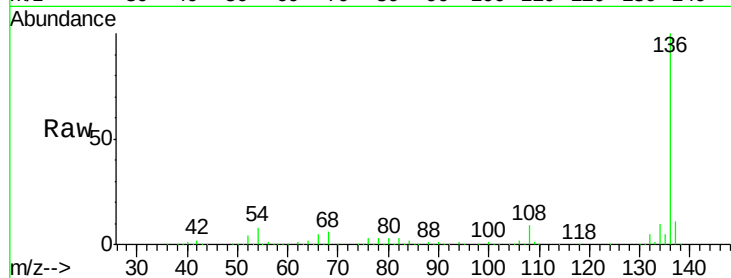
ClientSampled :

RO-2334

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	718786		
137	10.8	8.9	13.3	
54	7.7	6.6	9.8	
68	5.7	5.0	7.4	

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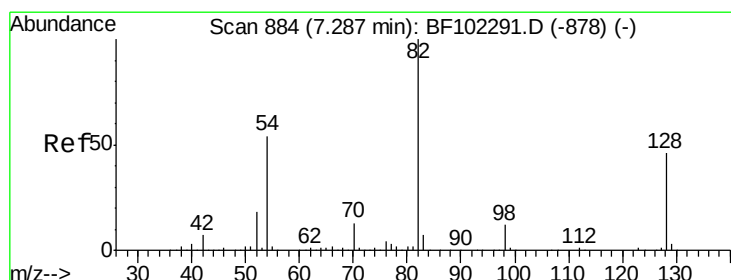
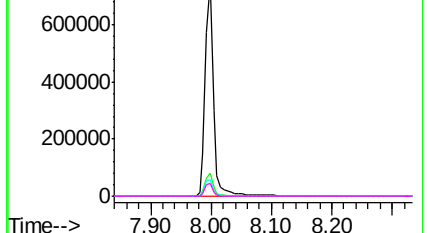
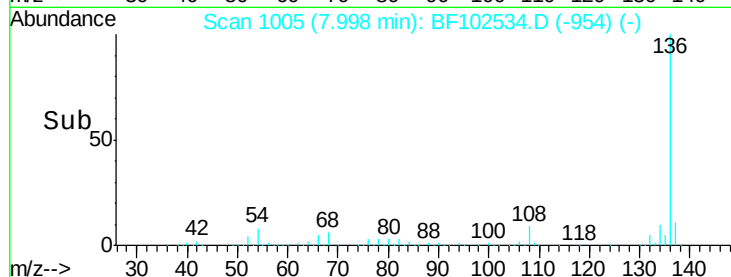


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 73.039 ng

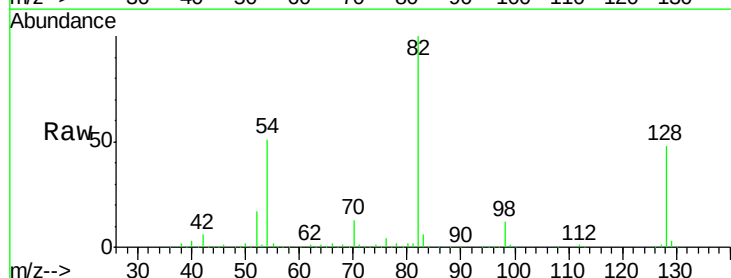
RT: 7.29 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF102534.D

Acq: 28 Jan 2018 2:05

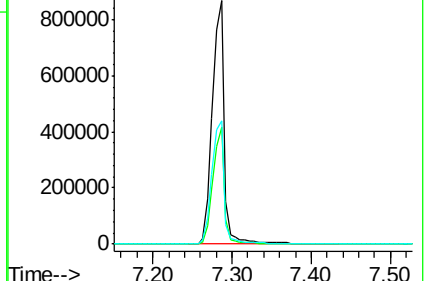
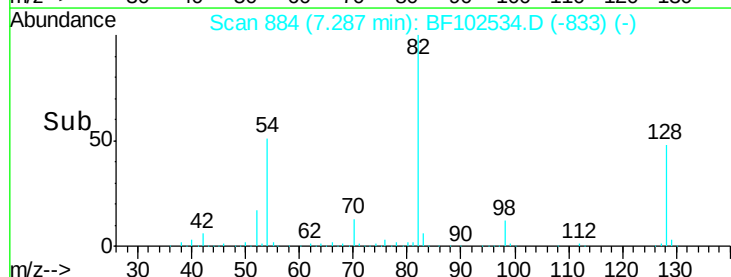
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	913556		
128	47.9	36.1	54.1	
54	50.8	41.4	62.2	

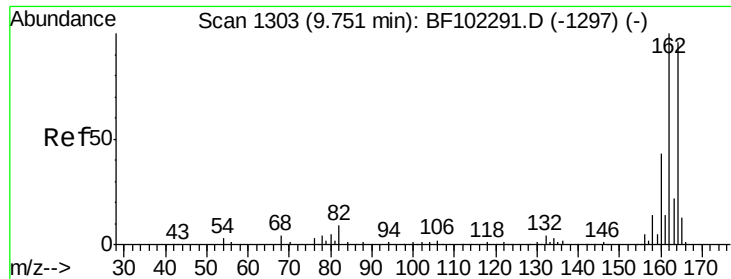


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





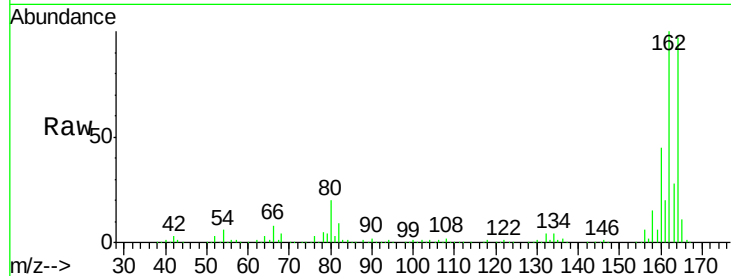
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. 0.00 min
 Lab File: BF102534.D
 Acq: 28 Jan 2018 2:05

Instrument :
 BNA_F
 ClientSampleId :
 RO-2334

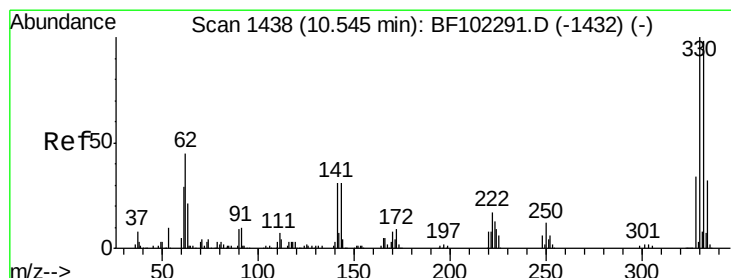
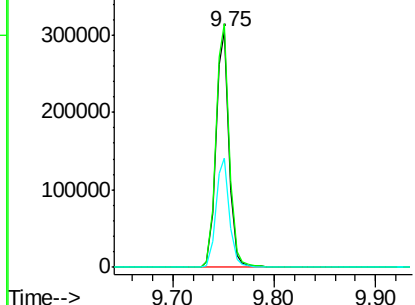
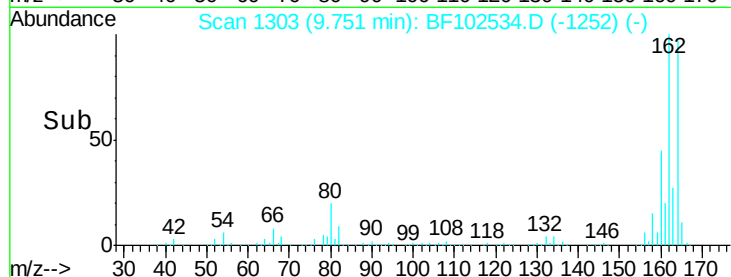
Tgt Ion	Ratio	Resp	Lower	Upper
164	100	273697		
162	103.4	86.1	129.1	
160	46.2	38.3	57.5	

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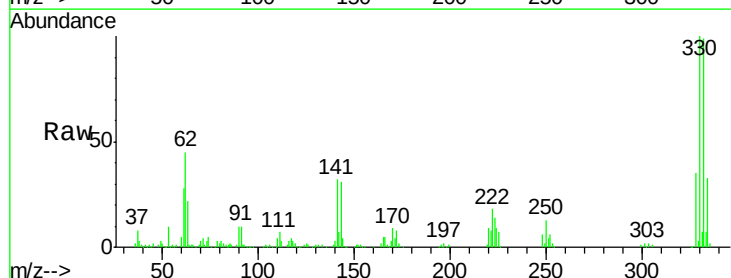


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

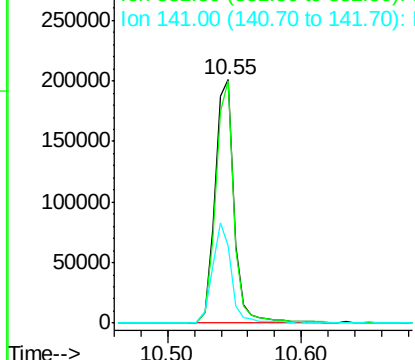
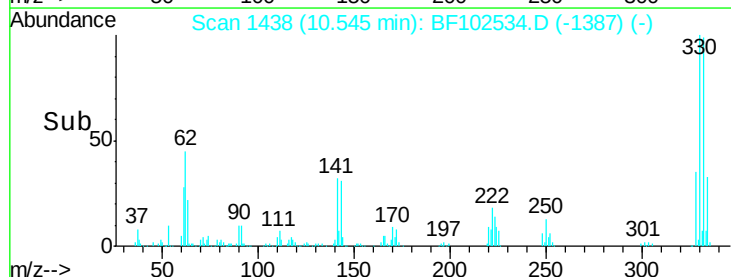


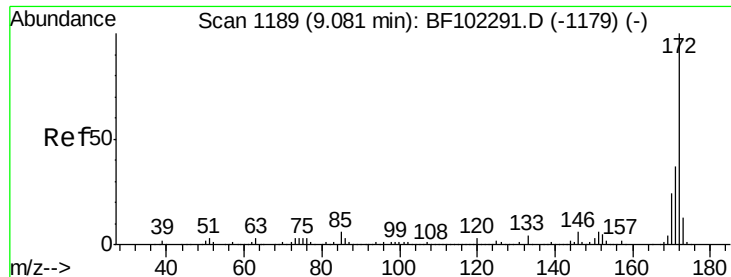
#41
 2,4,6-Tribromophenol
 Concen: 75.726 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BF102534.D
 Acq: 28 Jan 2018 2:05

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	205365		
332	96.2	77.0	115.6	
141	40.5	29.9	44.9	



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





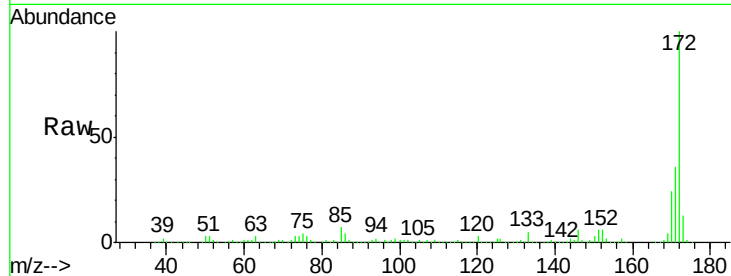
#44
2-Fluorobiphenyl
Concen: 71.206 ng
RT: 9.07 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF102534.D
Acq: 28 Jan 2018 2:05

Instrument :
BNA_F
ClientSampleId :
RO-2334

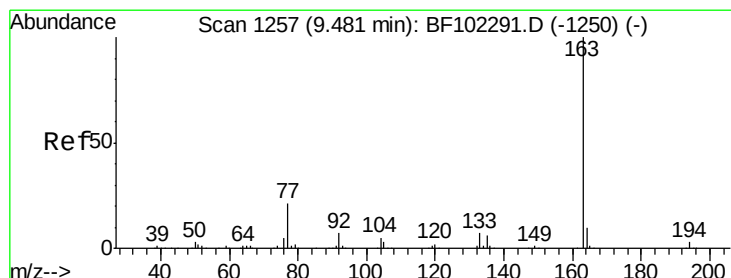
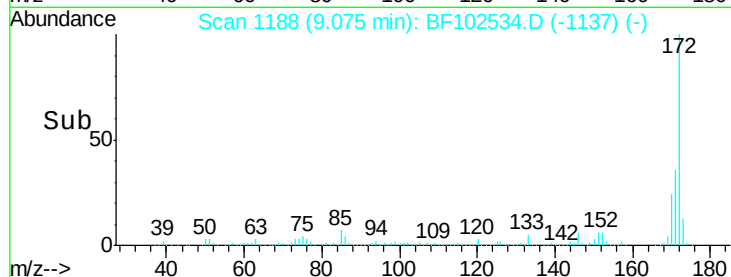
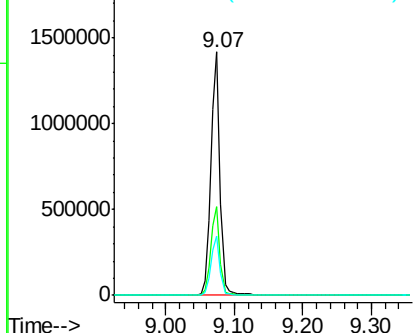
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.1	19.6	29.4

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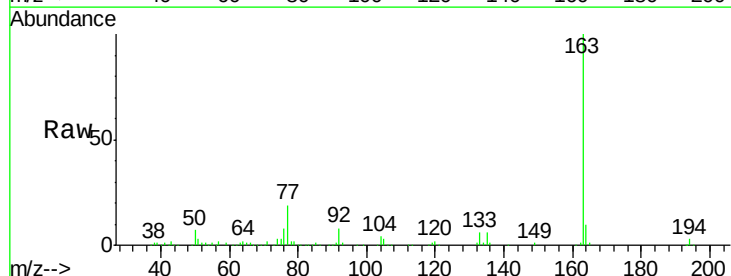


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

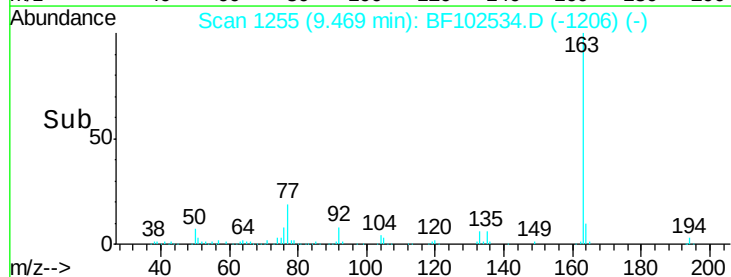
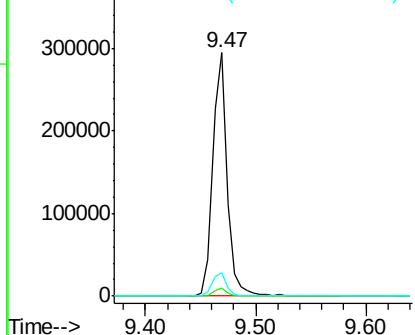


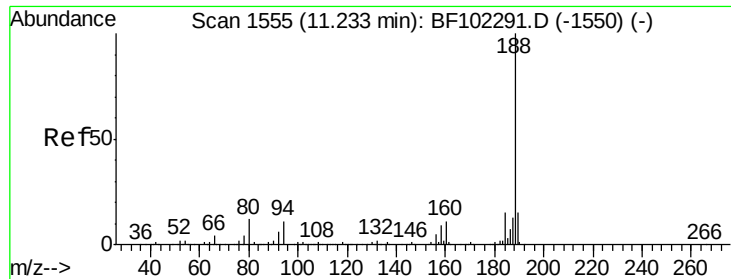
#49
Dimethylphthalate
Concen: 11.543 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF102534.D
Acq: 28 Jan 2018 2:05

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	9.8	8.2	12.2



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





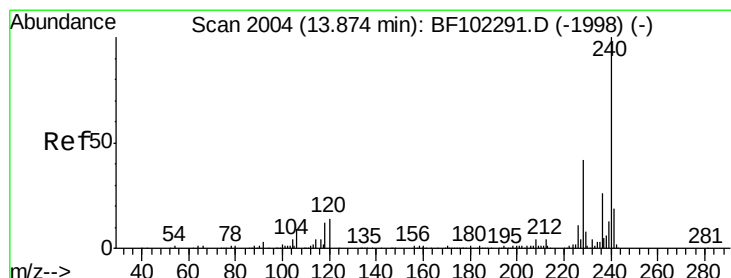
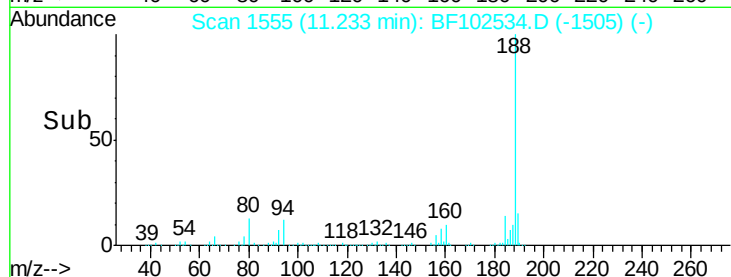
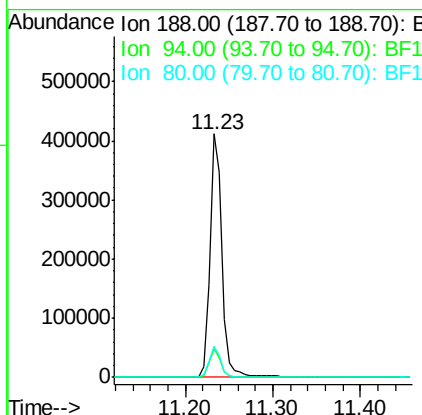
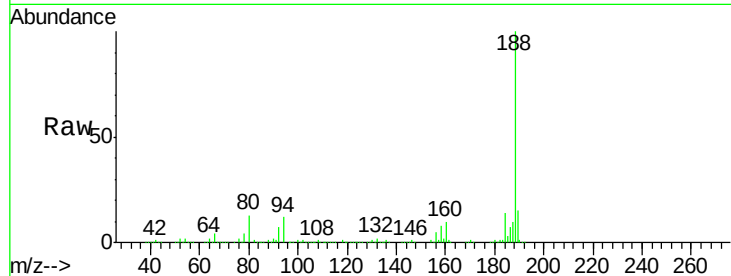
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102534.D
Acq: 28 Jan 2018 2:05

Instrument :
BNA_F
ClientSampled :
RO-2334

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	11.9	8.5	12.7
80	12.9	9.2	13.8

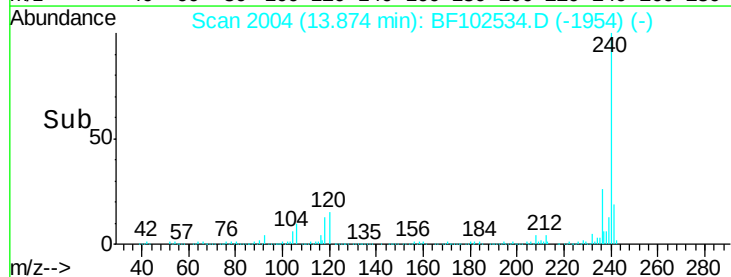
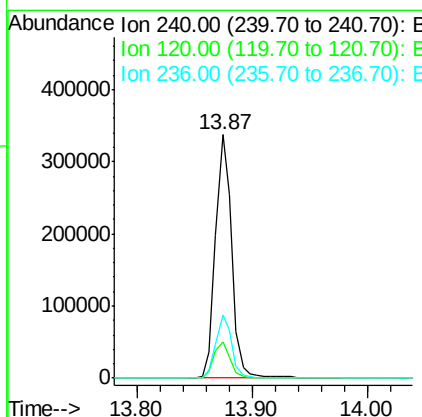
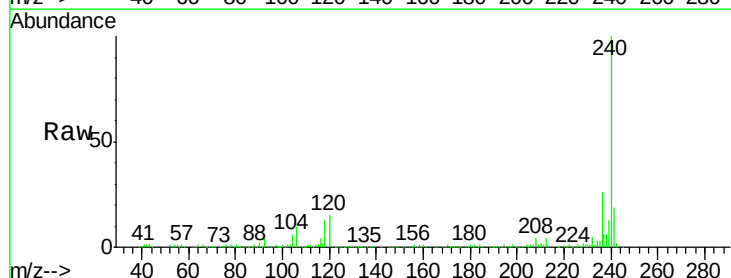
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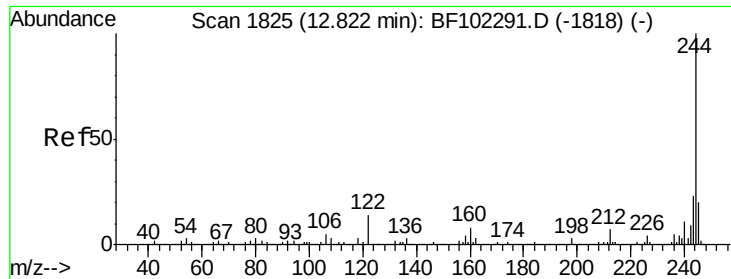
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF102534.D
Acq: 28 Jan 2018 2:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	15.0	9.5	14.3#
236	26.1	20.7	31.1





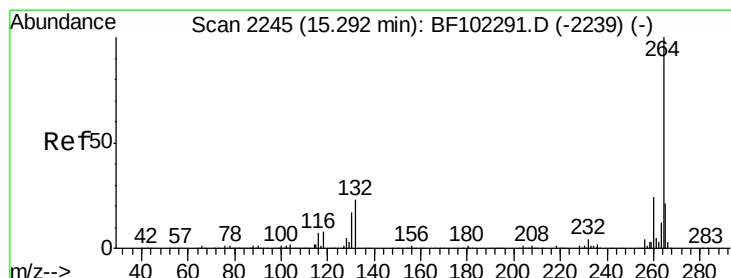
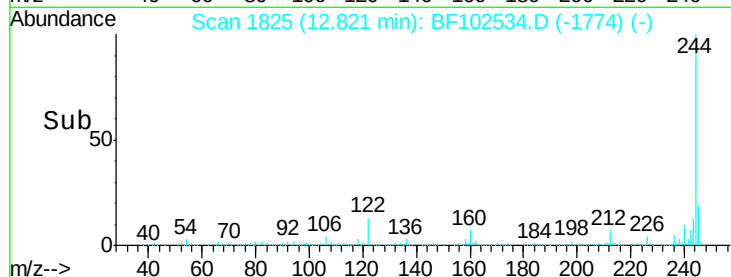
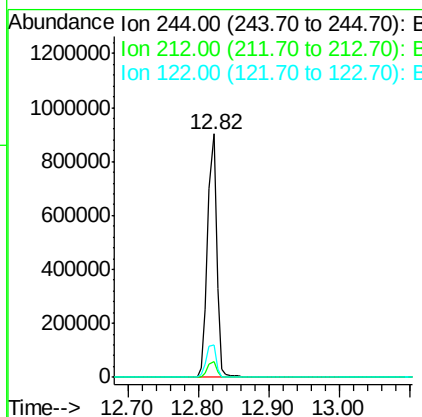
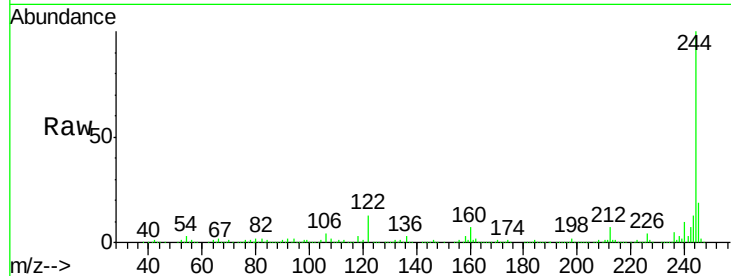
#78
 Terphenyl-d14
 Concen: 55.616 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: BF102534.D
 Acq: 28 Jan 2018 2:05

Instrument :
 BNA_F
 ClientSampleId :
 RO-2334

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	811264		
212	6.7	5.4	8.0	
122	13.2	11.0	16.4	

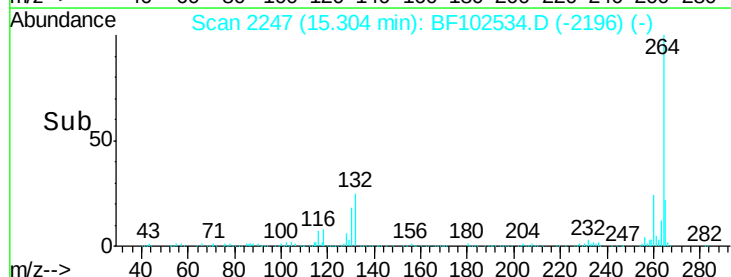
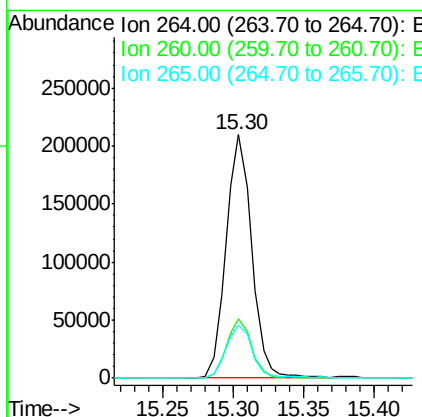
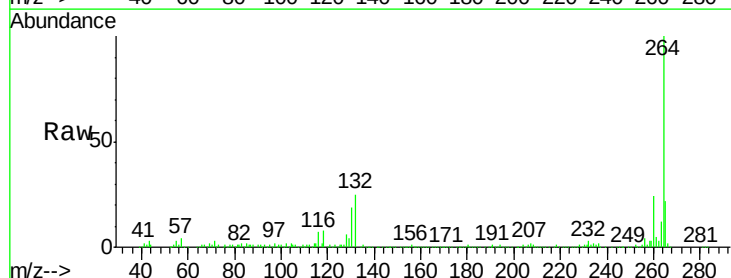
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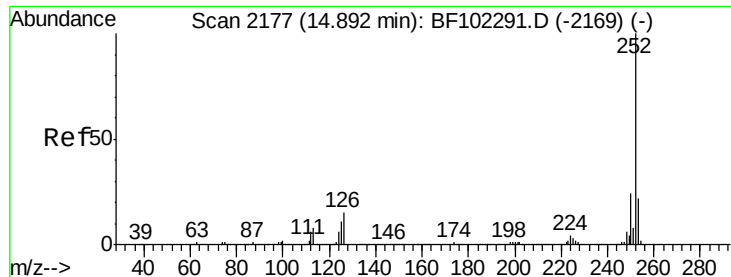
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. 0.00 min
 Lab File: BF102534.D
 Acq: 28 Jan 2018 2:05

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	265719		
260	24.5	19.2	28.8	
265	21.8	17.5	26.3	





#87
 Benzo(b)fluoranthene
 Concen: 2.608 ng m
 RT: 14.89 min Scan# 2177
 Delta R.T. -0.01 min
 Lab File: BF102534.D
 Acq: 28 Jan 2018 2:05

Instrument :
 BNA_F
 ClientSampleId :
 RO-2334

Tgt	Ion	Ratio	Resp:	Lower	Upper
252	100		44911		
253	24.4	17.0	25.6		
125	18.2	9.0	13.6		

Manual Integrations
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