

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013118\
 Data File : BF102670.D
 Acq On : 31 Jan 2018 22:19
 Operator : SJ/JU
 Sample : J1378-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-72

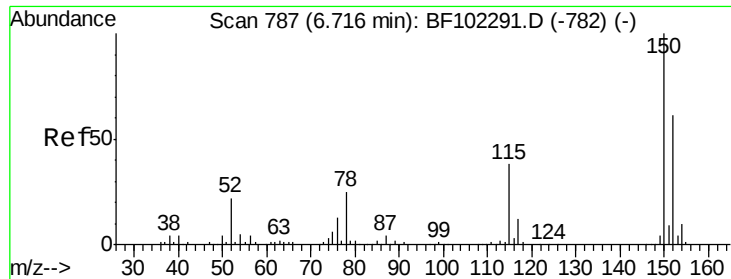
Manual Integrations
 APPROVED

Sohil
 2/1/2018 6:00:30 PM

Quant Time: Feb 01 12:20:44 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 18:38:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	105726	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	420118	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	164970	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	281836	20.00	ng	0.00
75) Chrysene-d12	13.93	240	1080322	20.00	ng	0.06
86) Perylene-d12	15.27	264	15192m	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	677114	97.11	ng	0.02
7) Phenol-d6	6.39	99	638868	76.00	ng	0.03
23) Nitrobenzene-d5	7.28	82	427600	58.49	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	138371	84.65	ng	0.01
44) 2-Fluorobiphenyl	9.07	172	747169	66.59	ng	0.00
78) Terphenyl-d14	12.83	244	605019	12.63	ng	0.02
Target Compounds						
9) Benzaldehyde	6.26	77	213611	50.265	ng	Qvalue 94
10) Phenol	6.40	94	500128	54.495	ng	76
11) bis(2-Chloroethyl)ether	6.45	93	122504m	17.551	ng	
15) Benzyl Alcohol	6.88	79	78456m	13.228	ng	
20) 3+4-Methylphenols	7.17	107	145290	19.460	ng	88
22) Acetophenone	7.13	105	34158	3.411	ng	# 95
31) Naphthalene	8.02	128	56403	2.689	ng	# 96
32) Benzoic acid	7.93	122	211871m	44.229	ng	
37) 2-Methylnaphthalene	8.70	142	47092	3.371	ng	93
49) Dimethylphthalate	9.47	163	110950	8.137	ng	# 87
55) 4-Nitrophenol	9.89	139	22345	9.733	ng	90
73) Di-n-butylphthalate	11.79	149	59936	2.932	ng	# 91

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



#1

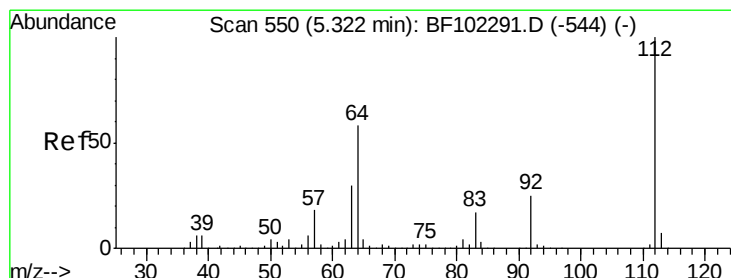
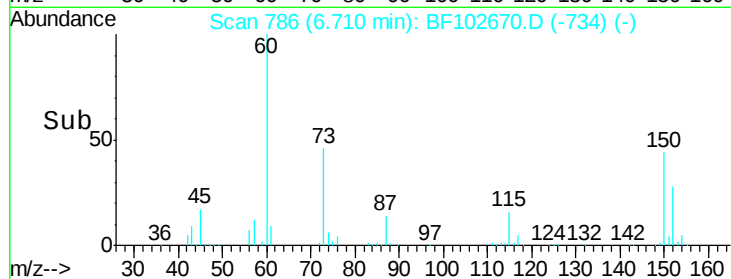
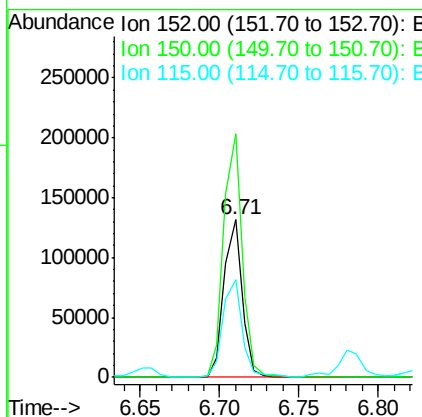
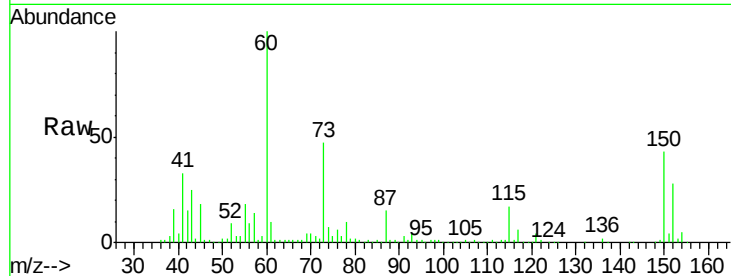
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.01 min
Lab File: BF102670.D
Acq: 31 Jan 2018 22:19

Instrument :
BNA_F
ClientSampled :
RO-72

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.6	186.8
115	61.8	50.1	75.1

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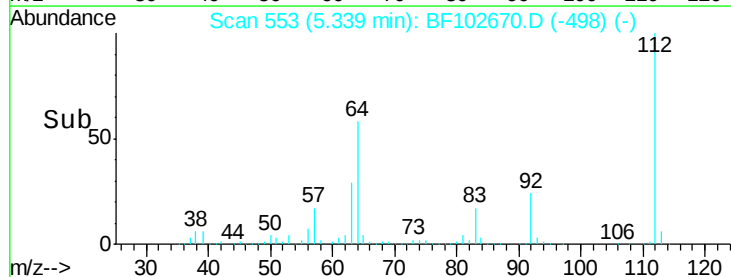
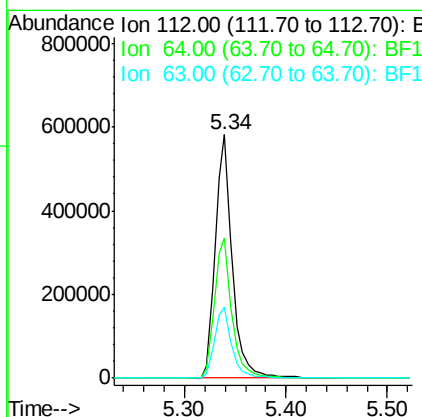
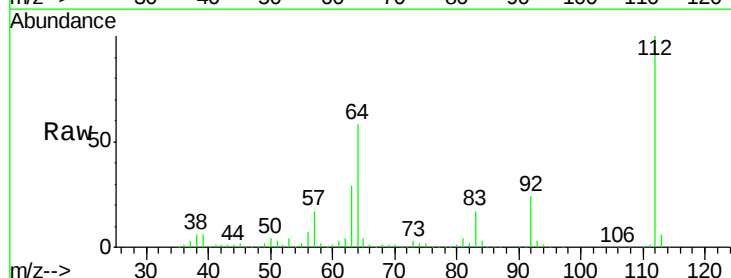
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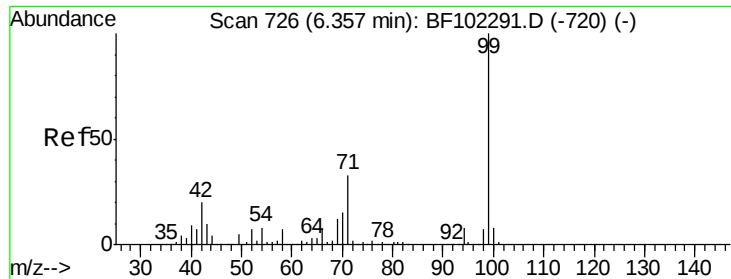


#5

2-Fluorophenol
Concen: 97.108 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.02 min
Lab File: BF102670.D
Acq: 31 Jan 2018 22:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.5	47.9	71.9
63	29.1	23.7	35.5





#7

Phenol-d6

Concen: 75.998 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.03 min

Lab File: BF102670.D

Acq: 31 Jan 2018 22:19

Instrument :

BNA_F

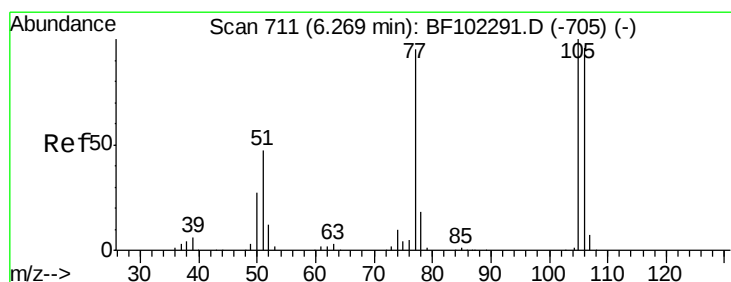
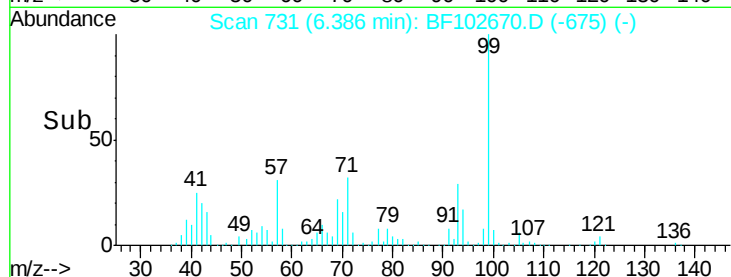
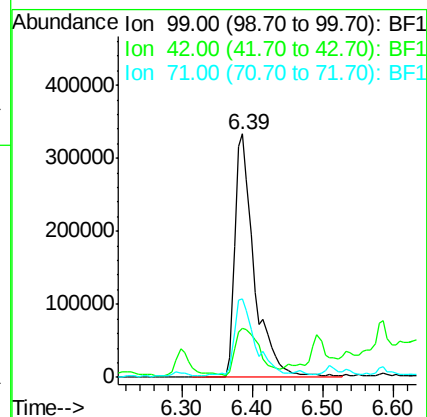
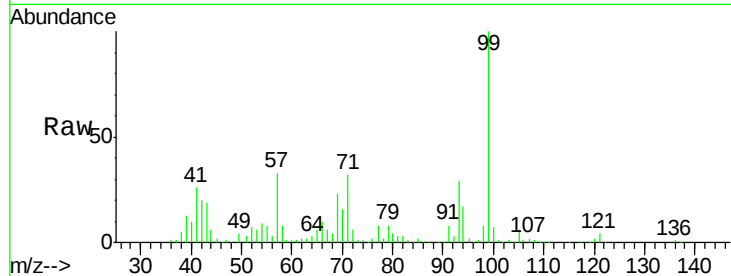
ClientSampled :

RO-72

Tot Ion:	99	Resp:	638868
Ion	Ratio	Lower	Upper
99	100		
42	20.3	14.5	21.7
71	32.4	25.4	38.0

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#9

Benzaldehyde

Concen: 50.265 ng

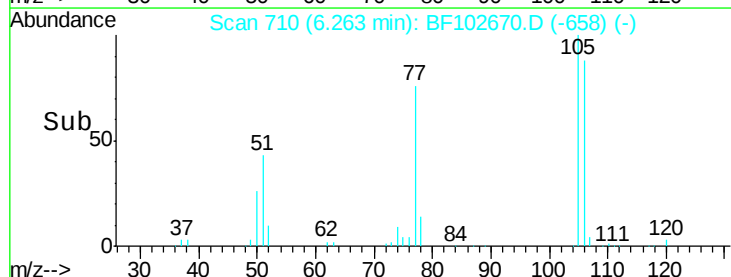
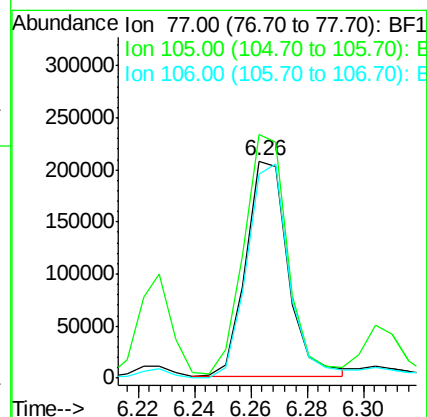
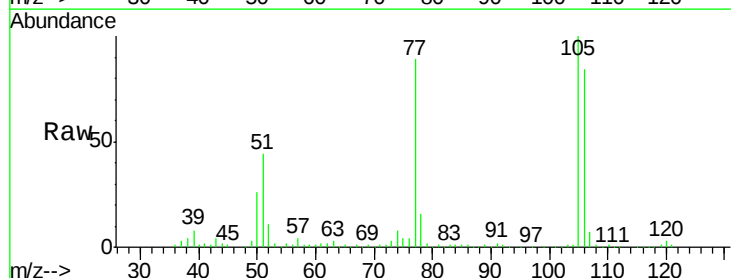
RT: 6.26 min Scan# 710

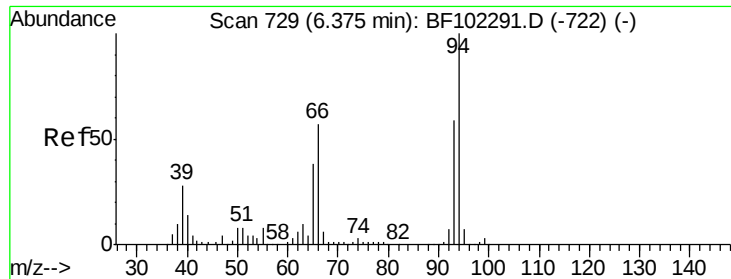
Delta R.T. 0.01 min

Lab File: BF102670.D

Acq: 31 Jan 2018 22:19

Tgt Ion:	77	Resp:	213611
Ion	Ratio	Lower	Upper
77	100		
105	112.2	81.1	121.1
106	94.3	74.5	114.5





#10

Phenol

Concen: 54.495 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.04 min

Lab File: BF102670.D

Acq: 31 Jan 2018 22:19

Instrument :

BNA_F

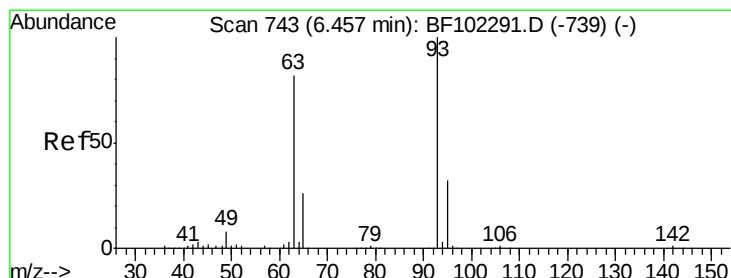
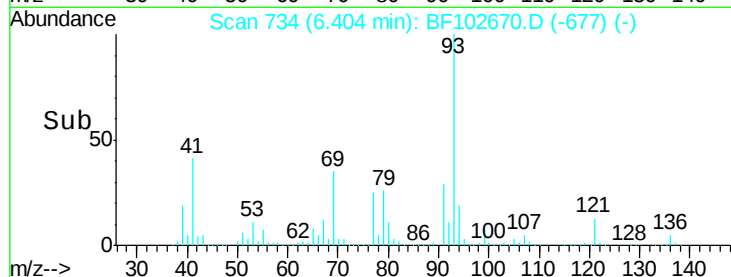
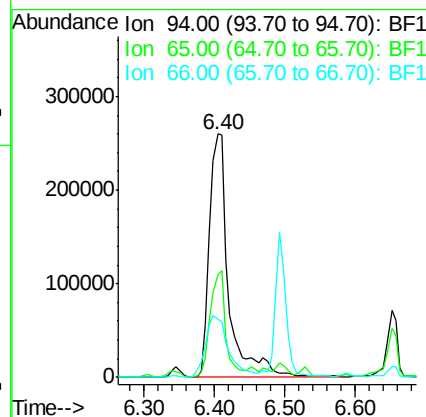
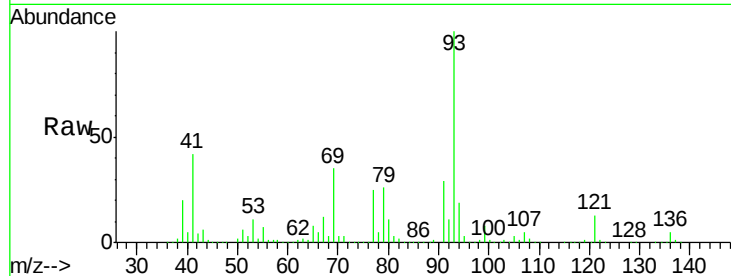
ClientSampled :

RO-72

Tot Ion:	94	Resp:	500128
Ion Ratio	Lower	Upper	
94	100		
65	42.4	7.9	47.9
66	24.1	16.2	56.2

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#11

bis(2-Chloroethyl)ether

Concen: 17.551 ng m

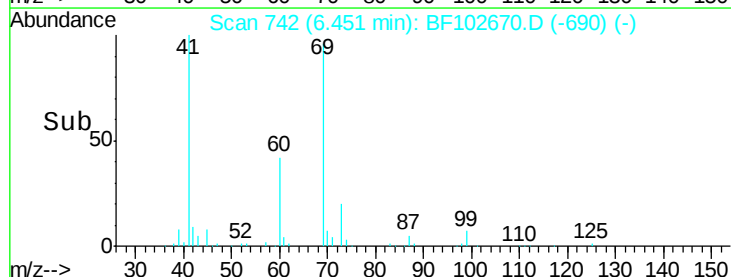
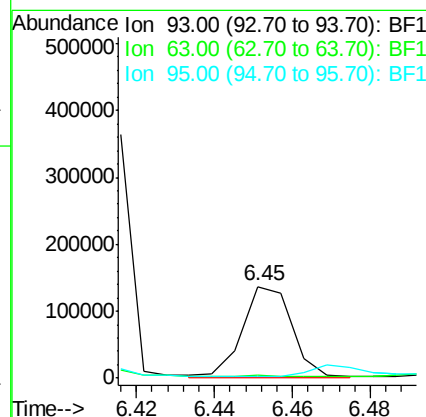
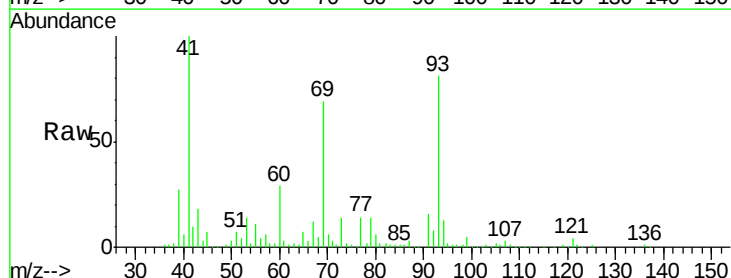
RT: 6.45 min Scan# 742

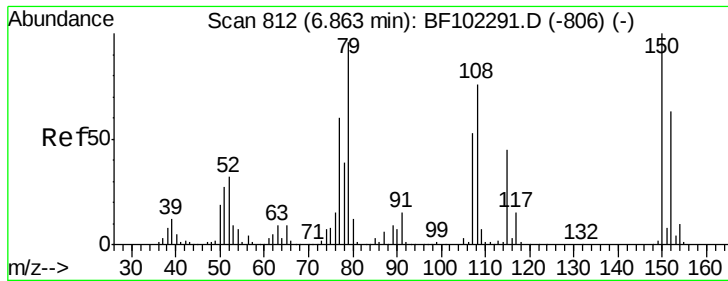
Delta R.T. 0.01 min

Lab File: BF102670.D

Acq: 31 Jan 2018 22:19

Tgt Ion:	93	Resp:	122504
Ion Ratio	Lower	Upper	
93	100		
63	2.6	58.6	98.6#
95	1.9	11.8	51.8#





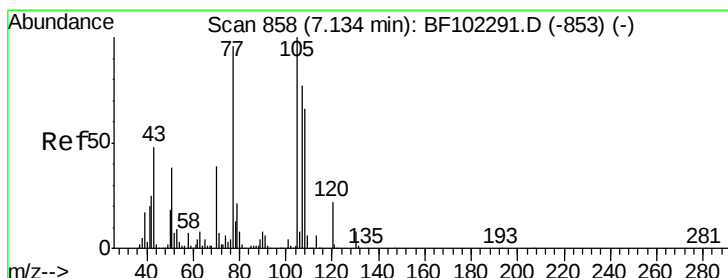
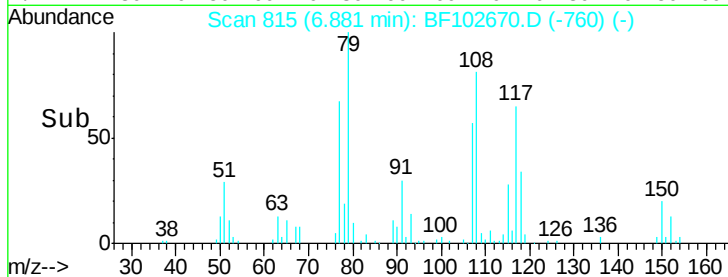
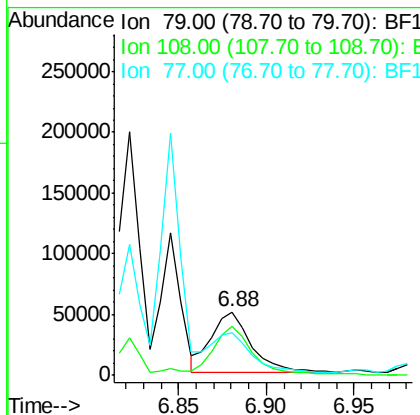
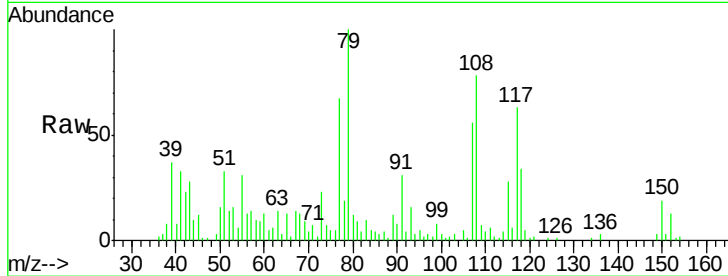
#15
Benzyl Alcohol
Concen: 13.228 ng/ml
RT: 6.88 min Scan# 815
Delta R.T. 0.02 min
Lab File: BF102670.D
Acq: 31 Jan 2018 22:19

Instrument :
BNA_F
ClientSampled :
RO-72

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.7	65.1	97.7
77	67.2	50.6	75.8

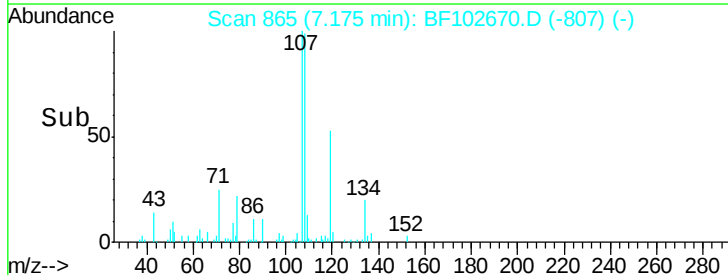
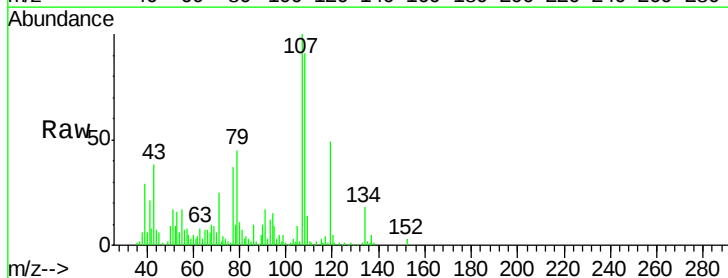
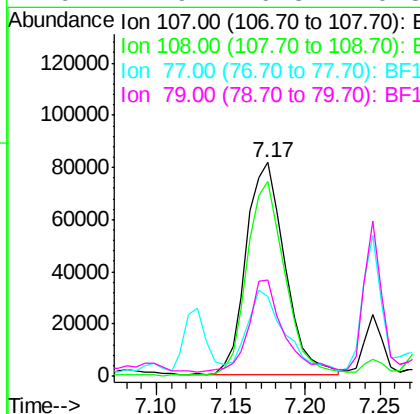
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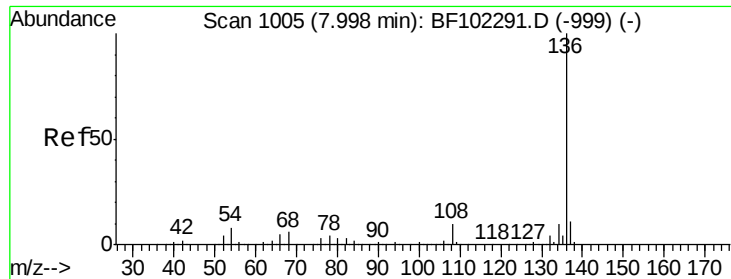
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#20
3+4-Methylphenols
Concen: 19.460 ng
RT: 7.17 min Scan# 865
Delta R.T. 0.04 min
Lab File: BF102670.D
Acq: 31 Jan 2018 22:19

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.9	68.2	108.2
77	37.4	26.7	66.7
79	44.9	6.3	46.3





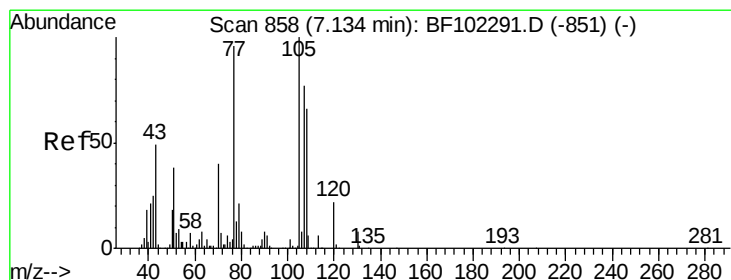
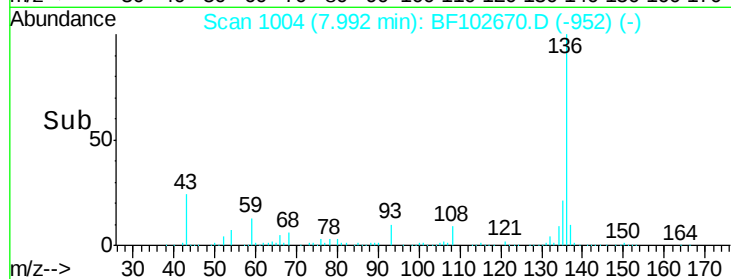
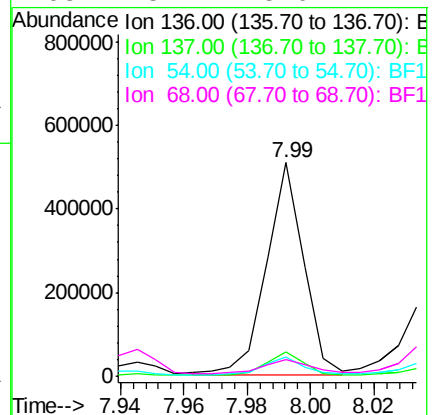
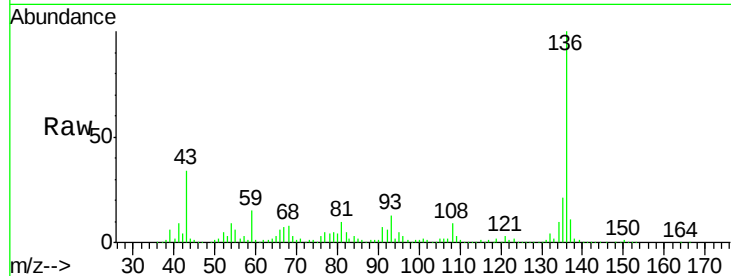
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.01 min
Lab File: BF102670.D
Acq: 31 Jan 2018 22:19

Instrument :
BNA_F
ClientSampleId :
RO-72

Tot Ion	Ratio	Resp	Lower	Upper
136	100	420118		
137	11.1	8.9	13.3	
54	8.9	6.6	9.8	
68	8.1	5.0	7.4	

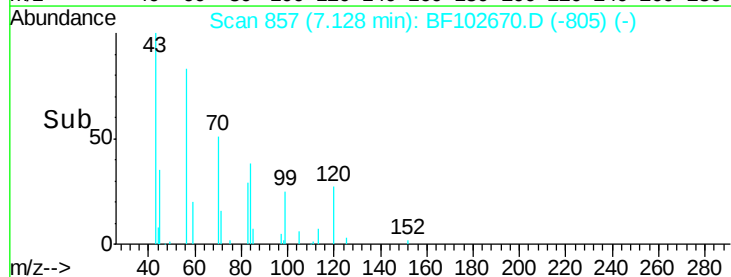
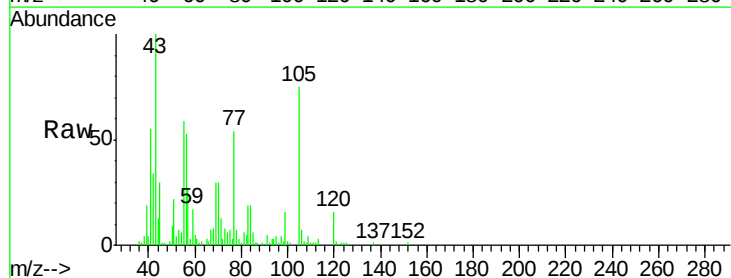
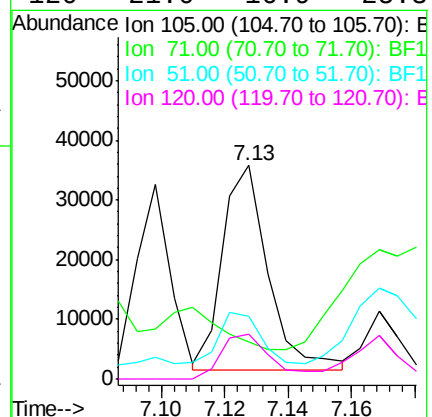
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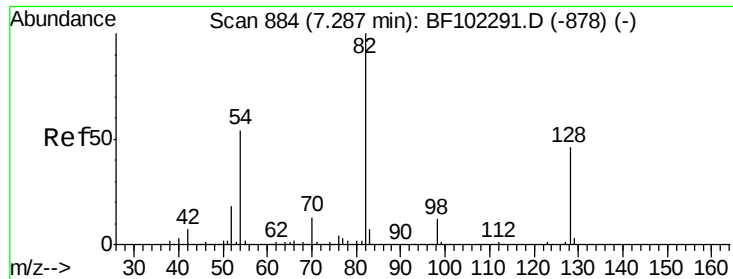
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#22
Acetophenone
Concen: 3.411 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.01 min
Lab File: BF102670.D
Acq: 31 Jan 2018 22:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	34158		
71	17.7	4.4	6.6	
51	29.5	22.3	33.5	
120	21.0	16.9	25.3	





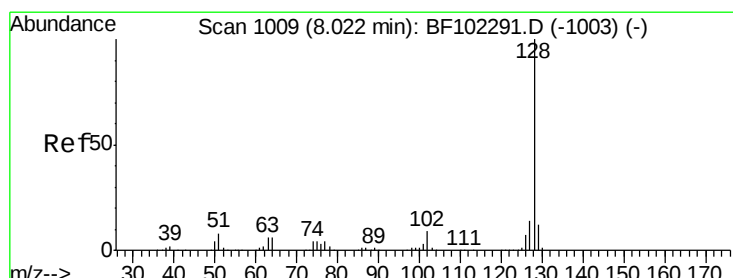
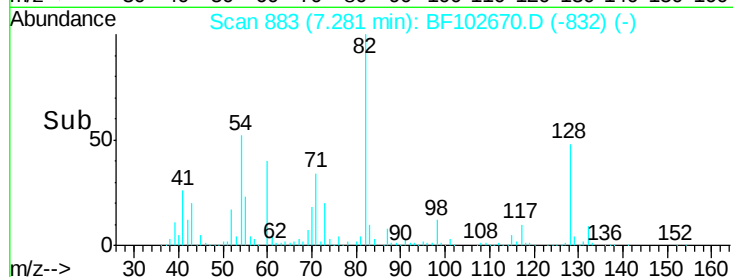
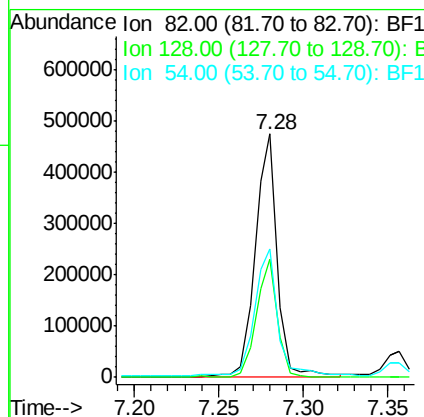
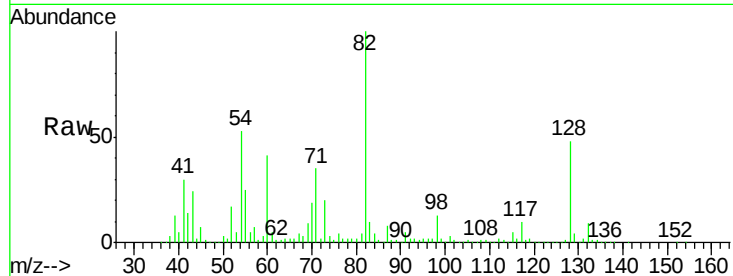
#23
Nitrobenzene-d5
Concen: 58.490 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF102670.D
Acq: 31 Jan 2018 22:19

Instrument :
BNA_F
ClientSampled :
RO-72

Tot Ion	82	Resp	427600
Ion Ratio	100	Lower	Upper
82	100		
128	48.3	36.1	54.1
54	52.7	41.4	62.2

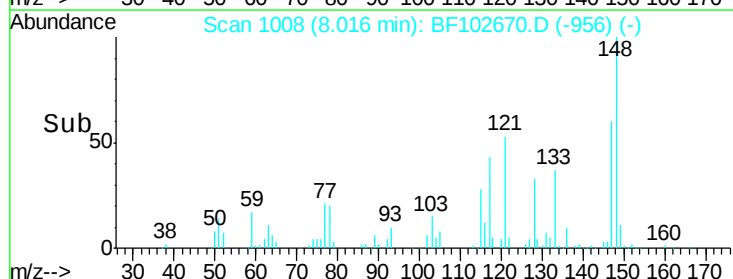
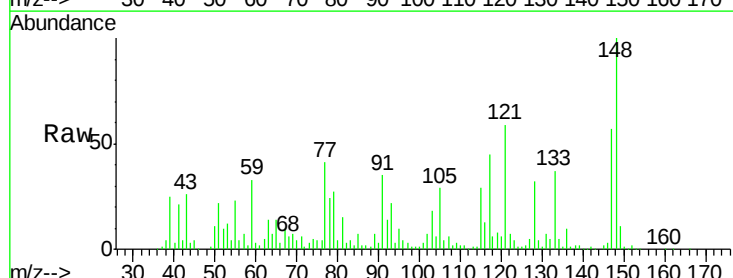
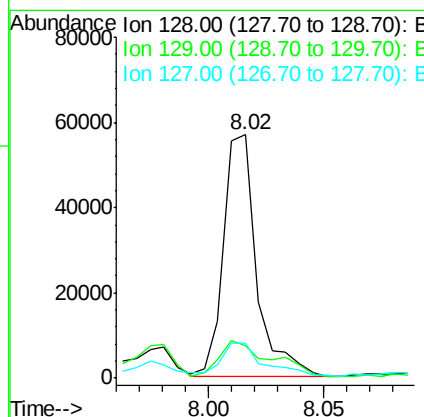
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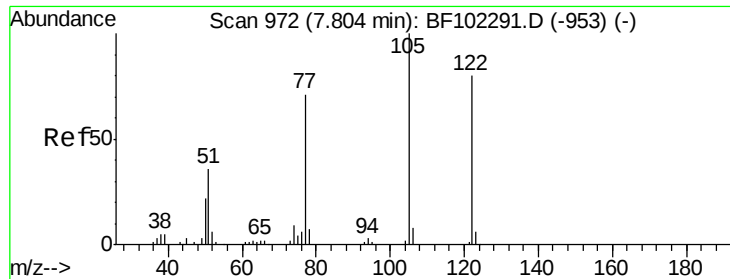
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2/1/2018 6:00:30 PM



#31
Naphthalene
Concen: 2.689 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.01 min
Lab File: BF102670.D
Acq: 31 Jan 2018 22:19

Tgt Ion	128	Resp	56403
Ion Ratio	100	Lower	Upper
128	100		
129	13.3	8.8	13.2#
127	14.3	10.9	16.3





#32

Benzoic acid

Concen: 44.229 ng/mL

RT: 7.93 min Scan# 994

Delta R.T. 0.12 min

Lab File: BF102670.D

Acq: 31 Jan 2018 22:19

Instrument :

BNA_F

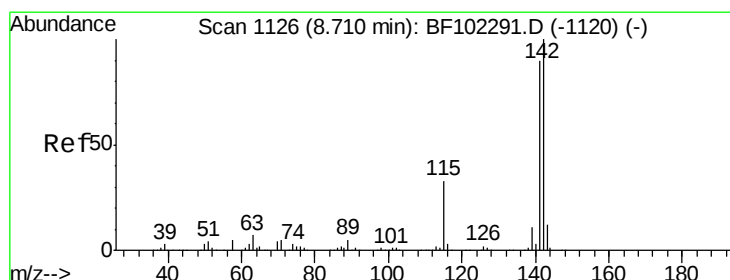
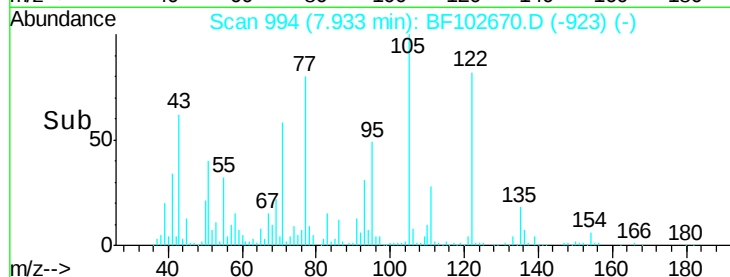
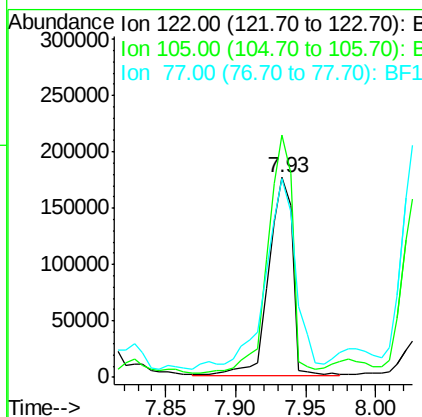
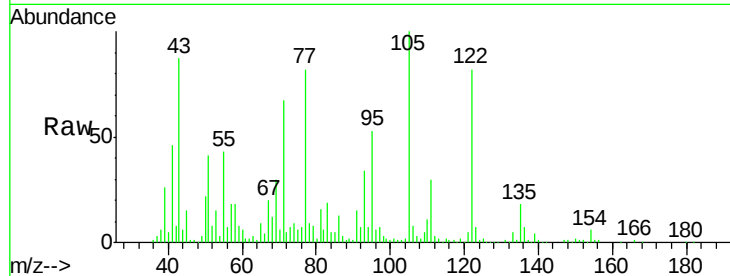
ClientSampled :

RO-72

Tot Ion:	122	Resp:	211871
Ion Ratio	Lower	Upper	
122	100		
105	121.4	101.1	141.1
77	99.5	70.7	110.7

Manual Integrations
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#37

2-Methylnaphthalene

Concen: 3.371 ng

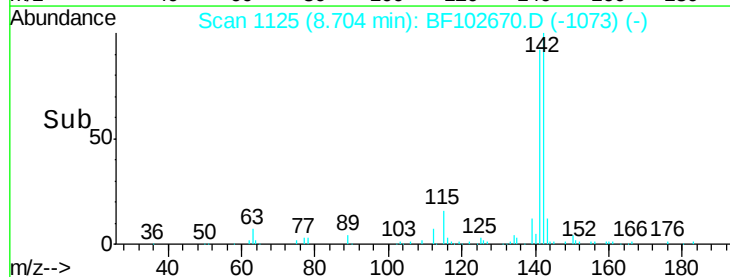
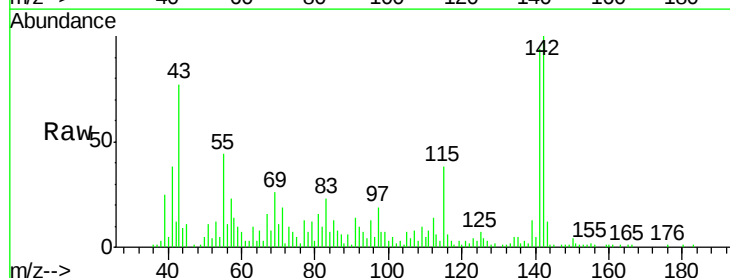
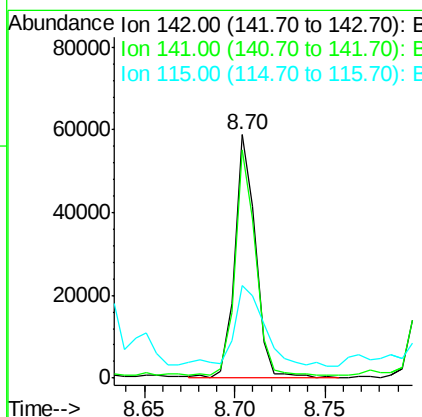
RT: 8.70 min Scan# 1125

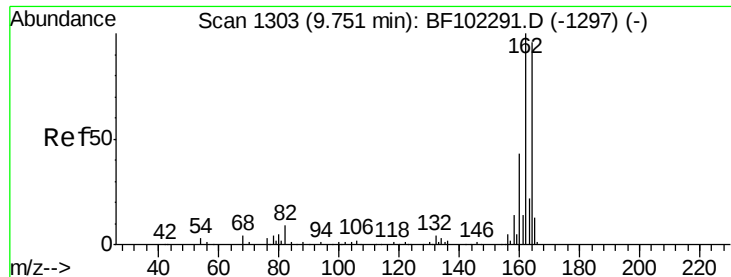
Delta R.T. 0.01 min

Lab File: BF102670.D

Acq: 31 Jan 2018 22:19

Tgt Ion:	142	Resp:	47092
Ion Ratio	Lower	Upper	
142	100		
141	93.6	70.8	106.2
115	37.9	26.1	39.1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1302

Delta R.T. 0.01 min

Lab File: BF102670.D

Acq: 31 Jan 2018 22:19

Instrument :

BNA_F

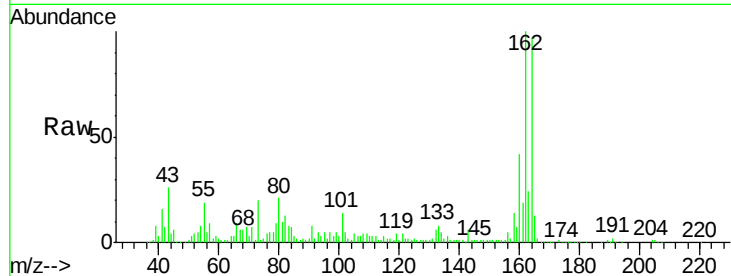
ClientSampled :

RO-72

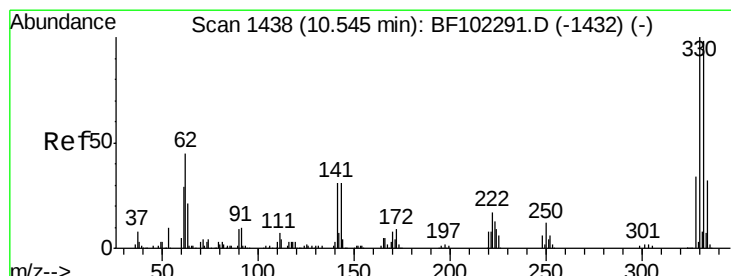
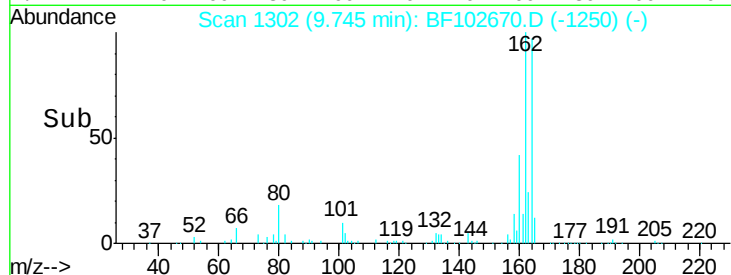
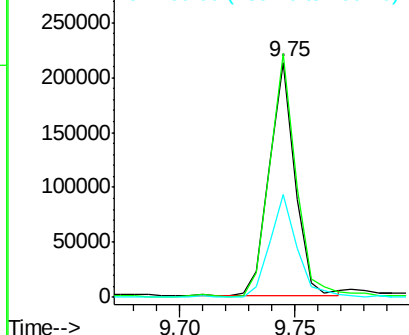
Tot Ion:	164	Resp:	164970
Ion Ratio	Lower	Upper	
164	100		
162	103.6	86.1	129.1
160	43.9	38.3	57.5

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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: 84.650 ng

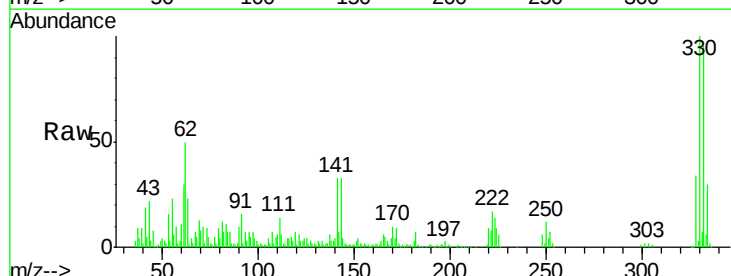
RT: 10.55 min Scan# 1438

Delta R.T. 0.01 min

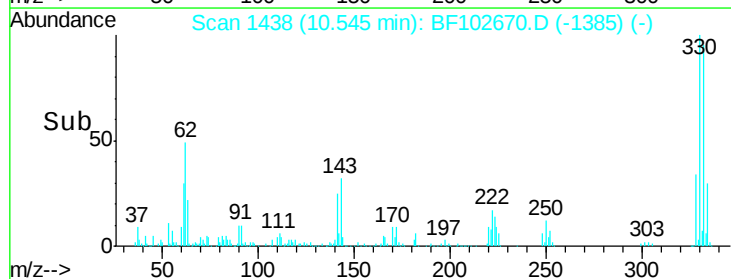
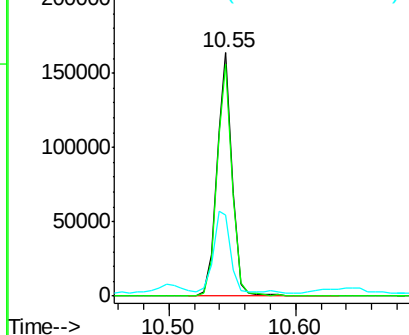
Lab File: BF102670.D

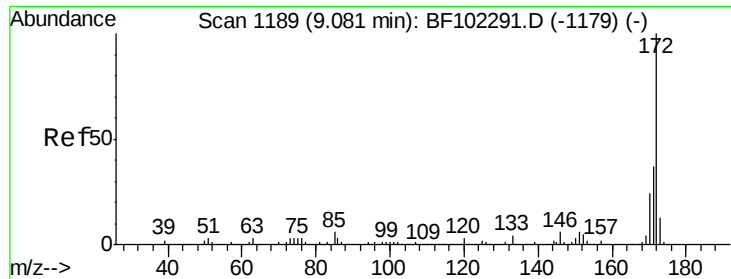
Acq: 31 Jan 2018 22:19

Tgt Ion:	330	Resp:	138371
Ion Ratio	Lower	Upper	
330	100		
332	95.6	77.0	115.6
141	38.2	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





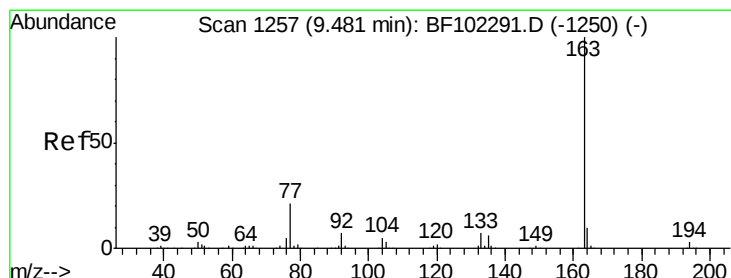
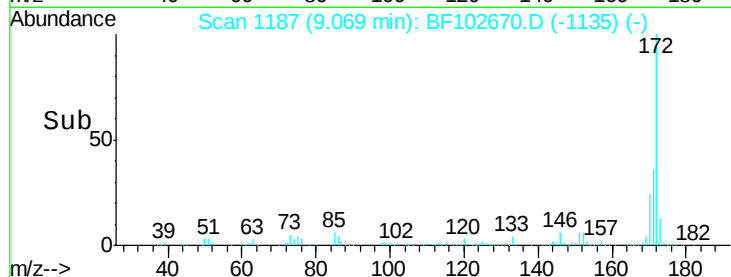
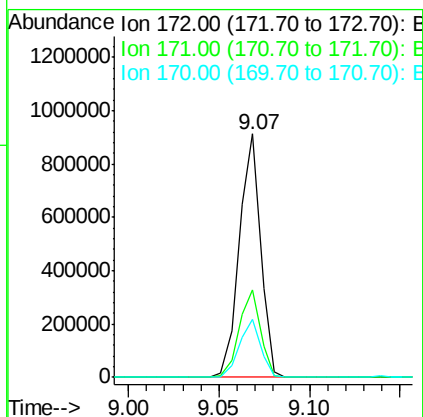
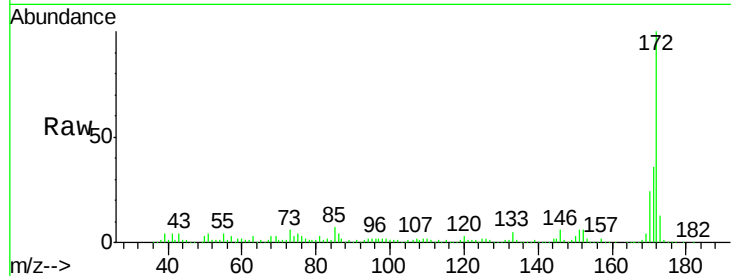
#44
2-Fluorobiphenyl
Concen: 66.594 ng
RT: 9.07 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BF102670.D
Acq: 31 Jan 2018 22:19

Instrument :
BNA_F
ClientSampleId :
RO-72

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.7	19.6	29.4

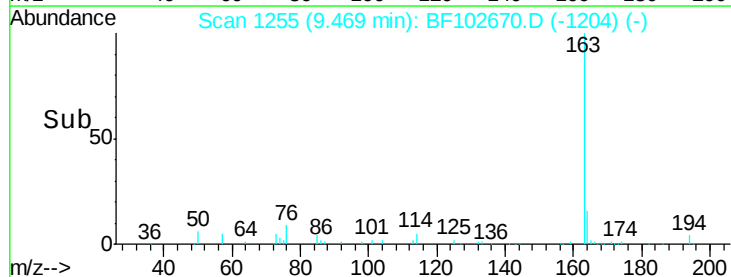
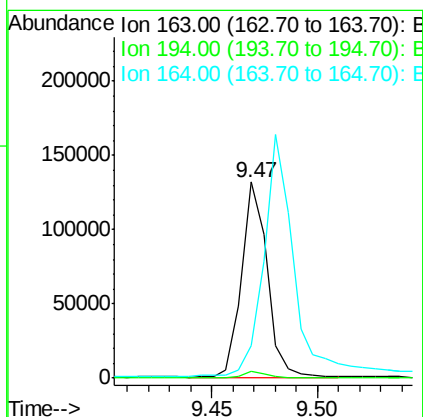
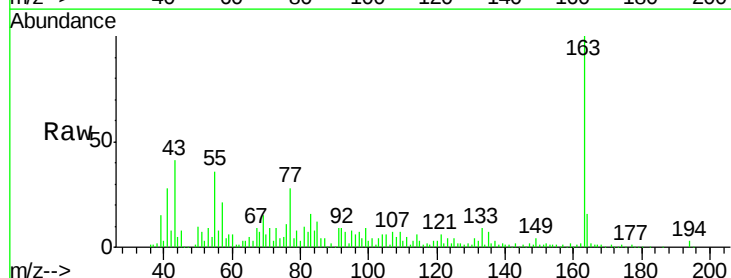
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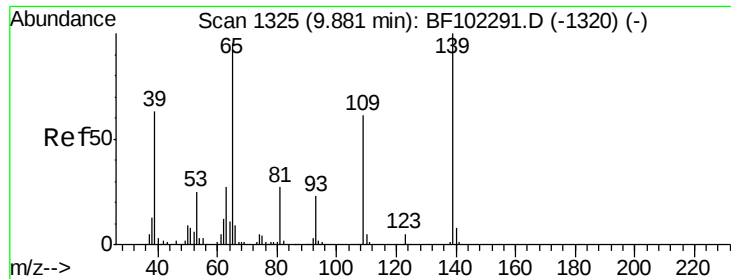
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#49
Dimethylphthalate
Concen: 8.137 ng
RT: 9.47 min Scan# 1255
Delta R.T. 0.00 min
Lab File: BF102670.D
Acq: 31 Jan 2018 22:19

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	16.4	8.2	12.2#





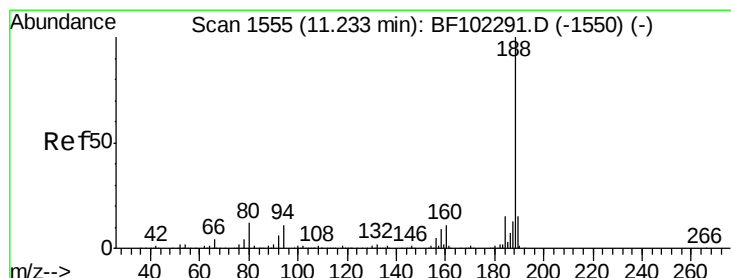
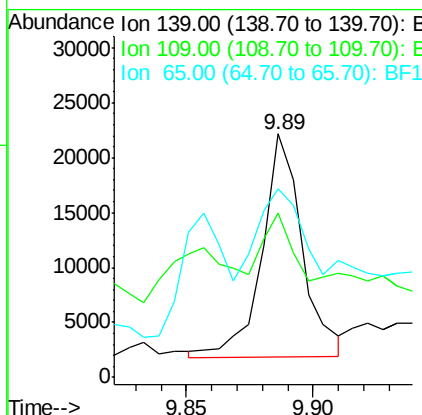
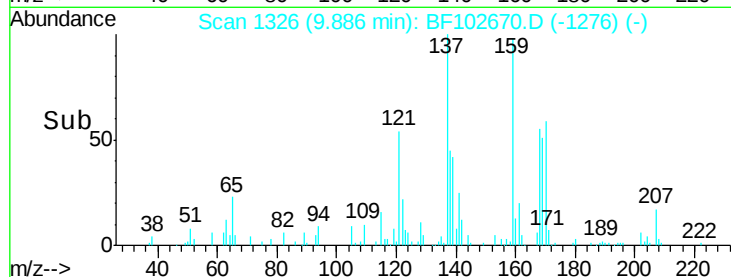
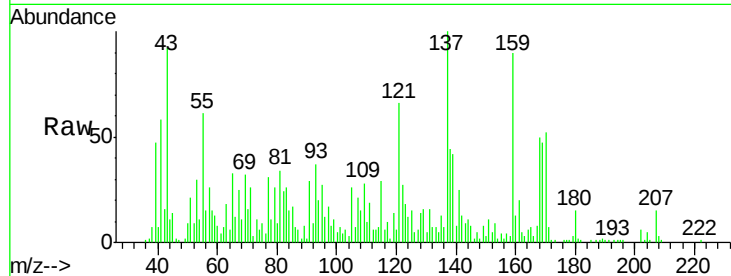
#55
4-Nitrophenol
Concen: 9.733 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF102670.D
Acq: 31 Jan 2018 22:19

Instrument :
BNA_F
ClientSampled :
RO-72

Tot Ion	Ratio	Lower	Upper
139	100		
109	67.6	48.4	88.4
65	77.5	72.6	112.6

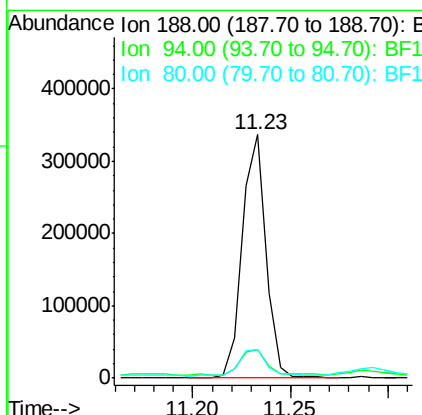
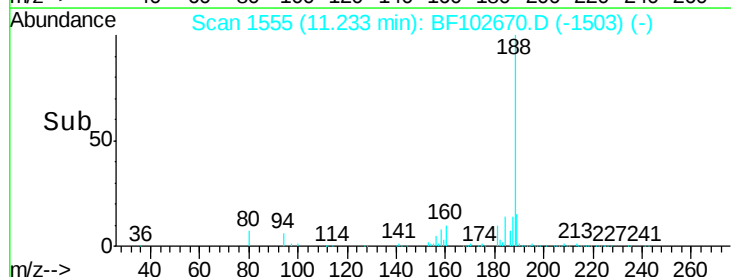
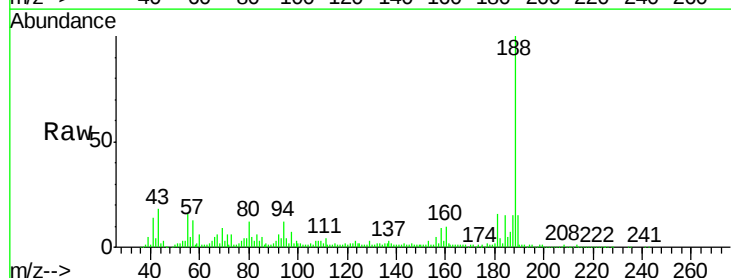
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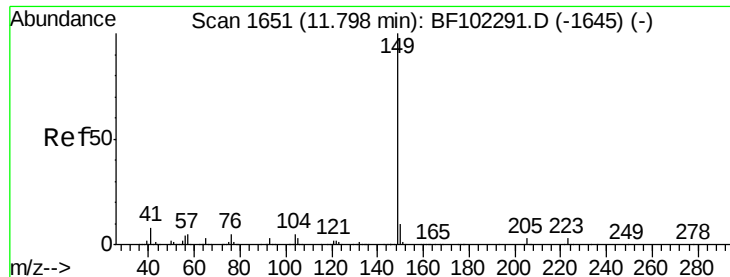
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. 0.01 min
Lab File: BF102670.D
Acq: 31 Jan 2018 22:19

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.0	8.5	12.7
80	11.7	9.2	13.8





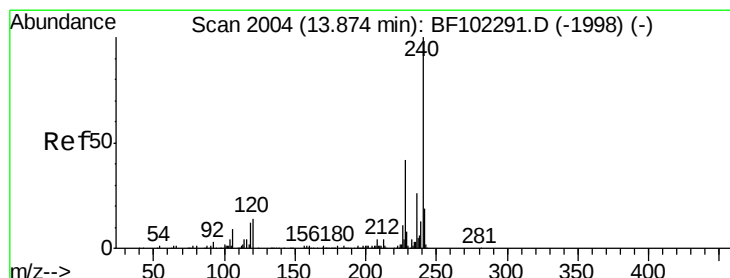
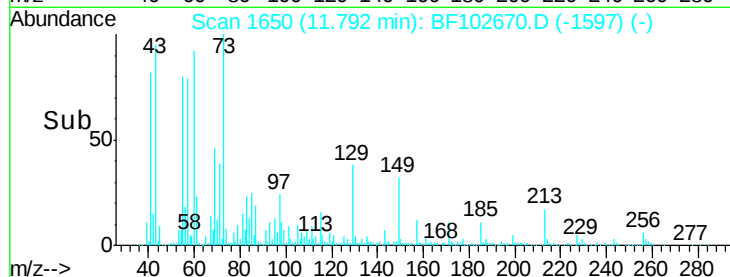
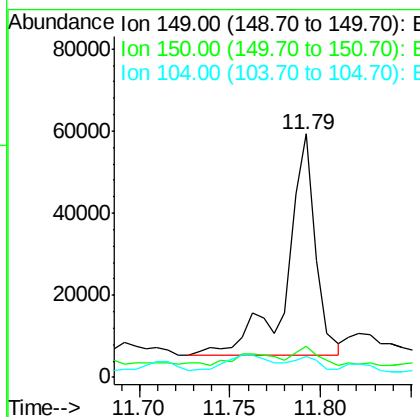
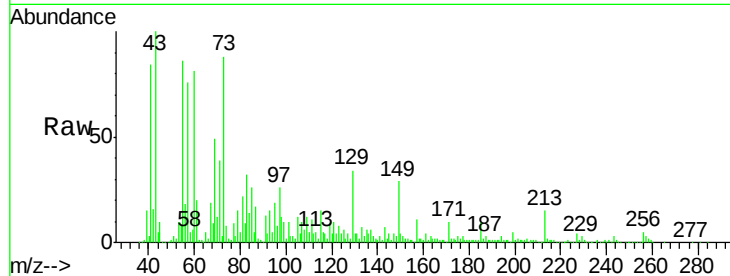
#73
Di-n-butylphthalate
Concen: 2.932 ng
RT: 11.79 min Scan# 1650
Delta R.T. 0.01 min
Lab File: BF102670.D
Acq: 31 Jan 2018 22:19

Instrument :
BNA_F
ClientSampleId :
RO-72

Tot Ion	Ratio	Lower	Upper
149	100		
150	12.7	7.8	11.6#
104	8.6	3.8	5.8#

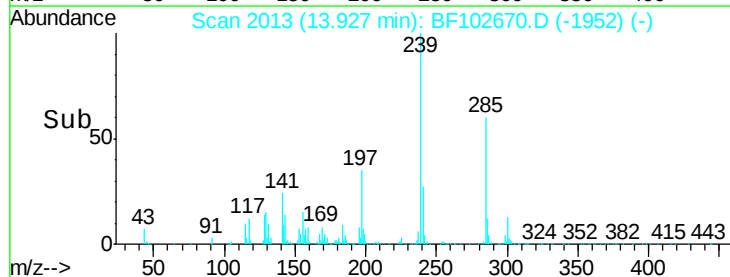
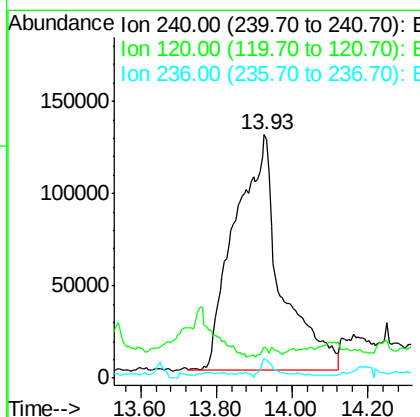
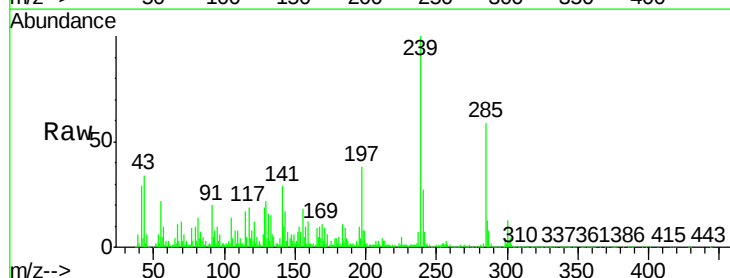
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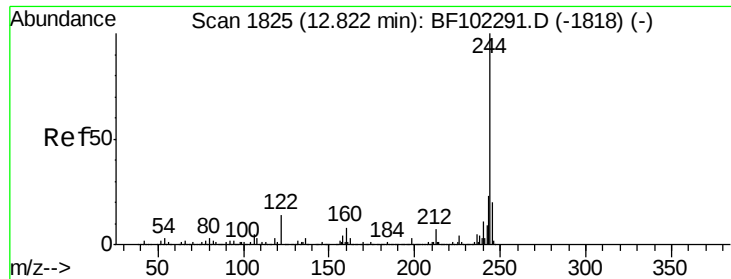
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.93 min Scan# 2013
Delta R.T. 0.06 min
Lab File: BF102670.D
Acq: 31 Jan 2018 22:19

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.8	9.5	14.3
236	7.9	20.7	31.1#





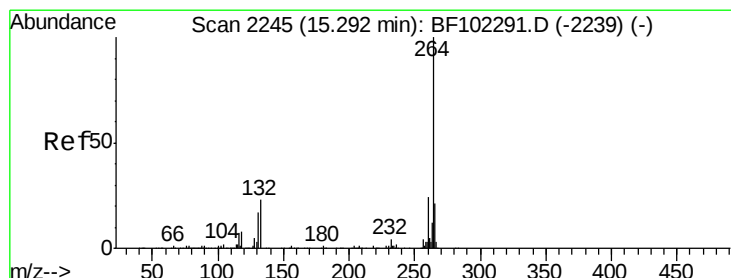
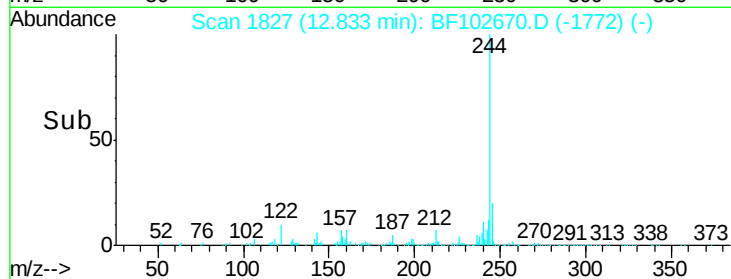
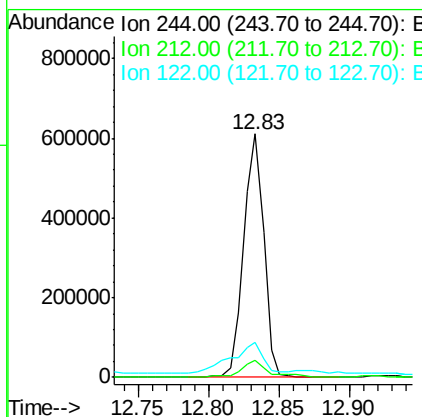
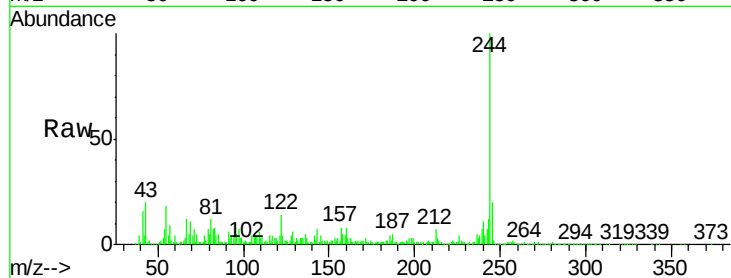
#78
 Terphenyl-d14
 Concen: 12.625 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. 0.02 min
 Lab File: BF102670.D
 Acq: 31 Jan 2018 22:19

Instrument :
 BNA_F
 ClientSampleId :
 RO-72

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	14.2	11.0	16.4

Manual Integrations
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#86
 Perylene-d12
 Concen: 20.000 ng m
 RT: 15.27 min Scan# 2241
 Delta R.T. -0.02 min
 Lab File: BF102670.D
 Acq: 31 Jan 2018 22:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	19.1	19.2	28.8#
265	77.1	17.5	26.3#

