

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040918\
 Data File : BF104372.D
 Acq On : 9 Apr 2018 15:17
 Operator : JU/SJ
 Sample : J2256-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-004-ABCDMSD

Manual Integrations
 APPROVED

Sohil
 4/10/2018 12:00:18 PM

Quant Time: Apr 10 01:58:39 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 06 16:44:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	142500	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	574937	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	258120	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	443077	20.00	ng	0.00
75) Chrysene-d12	13.97	240	261906	20.00	ng	0.00
86) Perylene-d12	15.44	264	305701	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	1199762	128.74	ng	0.02
7) Phenol-d6	6.45	99	1494797	130.54	ng	0.02
23) Nitrobenzene-d5	7.37	82	930535	105.68	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	358126	133.75	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1462223	89.49	ng	0.00
78) Terphenyl-d14	12.92	244	1190399	103.62	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	164096	37.789	ng	90
3) Pyridine	3.30	79	441907	36.195	ng	88
4) n-Nitrosodimethylamine	3.26	42	201312	47.169	ng	84
6) Aniline	6.47	93	518339	32.582	ng	97
8) 2-Chlorophenol	6.59	128	457279	46.488	ng	96
9) Benzaldehyde	6.35	77	139319	20.308	ng	98
10) Phenol	6.46	94	603553	49.677	ng	97
11) bis(2-Chloroethyl)ether	6.55	93	446392	46.042	ng	93
12) 1,3-Dichlorobenzene	6.75	146	465439	41.767	ng	99
13) 1,4-Dichlorobenzene	6.82	146	473325	42.610	ng	99
14) 1,2-Dichlorobenzene	6.98	146	436846	42.437	ng	98
15) Benzyl Alcohol	6.95	79	385689	44.347	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	568880	43.691	ng	94
17) 2-Methylphenol	7.06	107	392247	45.875	ng	97
18) Hexachloroethane	7.32	117	171091	43.199	ng	94
19) n-Nitroso-di-n-propylamine	7.23	70	307608	41.110	ng	93
20) 3+4-Methylphenols	7.22	107	444196	41.888	ng	# 75
22) Acetophenone	7.22	105	602047	42.534	ng	97
24) Nitrobenzene	7.39	77	477389	49.109	ng	99
25) Isophorone	7.63	82	881242	47.330	ng	99
26) 2-Nitrophenol	7.70	139	249068	62.936	ng	98
27) 2,4-Dimethylphenol	7.75	122	412953	50.255	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	555406	48.789	ng	100
29) 2,4-Dichlorophenol	7.95	162	380228	48.496	ng	97
30) 1,2,4-Trichlorobenzene	8.03	180	372854	43.332	ng	98
31) Naphthalene	8.12	128	1267321	44.267	ng	100
32) Benzoic acid	7.87	122	308048	46.984	ng	98
33) 4-Chloroaniline	8.16	127	287904	23.474	ng	99
34) Hexachlorobutadiene	8.23	225	196920	41.782	ng	99
35) Caprolactam	8.54	113	126936m	46.410	ng	
36) 4-Chloro-3-methylphenol	8.65	107	406624	48.367	ng	98
37) 2-Methylnaphthalene	8.80	142	825013	44.551	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	344369	46.606	ng	99
40) Hexachlorocyclopentadiene	8.96	237	277187	67.009	ng	100

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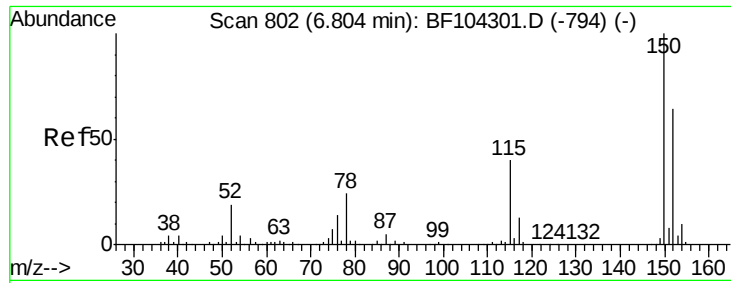
Manual Integrations
 APPROVED

Sohil
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	260058	50.701	ng	99
43) 2,4,5-Trichlorophenol	9.12	196	273761	47.695	ng	98
45) 1,1'-Biphenyl	9.27	154	973605	44.900	ng	100
46) 2-Chloronaphthalene	9.29	162	767058	44.785	ng	99
47) 2-Nitroaniline	9.39	65	246504	58.198	ng	97
48) Acenaphthylene	9.71	152	1170096	43.542	ng	99
49) Dimethylphthalate	9.57	163	1015063	49.869	ng	99
50) 2,6-Dinitrotoluene	9.63	165	211334	56.110	ng	99
51) Acenaphthene	9.88	154	701880	42.808	ng	99
52) 3-Nitroaniline	9.80	138	150189	34.061	ng	99
53) 2,4-Dinitrophenol	9.91	184	176970	100.987	ng	# 18
54) Dibenzofuran	10.06	168	1030492	45.099	ng	99
55) 4-Nitrophenol	9.96	139	376500	108.699	ng	99
56) 2,4-Dinitrotoluene	10.04	165	273498	55.359	ng	97
57) Fluorene	10.40	166	751050	45.158	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	212932	49.726	ng	95
59) Diethylphthalate	10.27	149	880058	43.413	ng	98
60) 4-Chlorophenyl-phenylether	10.39	204	340687	45.997	ng	97
61) 4-Nitroaniline	10.42	138	206084	47.800	ng	97
62) Azobenzene	10.55	77	840176	43.381	ng	95
64) 4,6-Dinitro-2-methylphenol	10.45	198	113250	51.796	ng	78
65) n-Nitrosodiphenylamine	10.51	169	730450	47.547	ng	99
66) 4-Bromophenyl-phenylether	10.88	248	220756	46.841	ng	91
67) Hexachlorobenzene	10.94	284	240241	45.303	ng	97
68) Atrazine	11.04	200	224358	48.383	ng	99
69) Pentachlorophenol	11.13	266	263377	80.280	ng	97
70) Phenanthrene	11.36	178	1072436	43.463	ng	99
71) Anthracene	11.41	178	1103016	43.976	ng	100
72) Carbazole	11.57	167	1027775	41.934	ng	99
73) Di-n-butylphthalate	11.90	149	1300438	43.435	ng	99
74) Fluoranthene	12.54	202	989080	38.366	ng	99
76) Benzidine	12.67	184	287505	30.018	ng	98
77) Pyrene	12.77	202	952849	49.082	ng	100
79) Butylbenzylphthalate	13.40	149	464438	50.781	ng	99
80) Benzo(a)anthracene	13.97	228	712070	45.510	ng	99
81) 3,3'-Dichlorobenzidine	13.93	252	253052	43.376	ng	99
82) Chrysene	14.00	228	718787	44.725	ng	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	579435	49.255	ng	99
84) Di-n-octyl phthalate	14.58	149	980468	49.880	ng	96
85) Indeno(1,2,3-cd)pyrene	16.89	276	969542	71.016	ng	98
87) Benzo(b)fluoranthene	15.02	252	792551	41.049	ng	98
88) Benzo(k)fluoranthene	15.04	252	779668	42.773	ng	100
89) Benzo(a)pyrene	15.38	252	808058	46.775	ng	99
90) Dibenzo(a,h)anthracene	16.91	278	799877	56.376	ng	98
91) Benzo(g,h,i)perylene	17.33	276	776489	56.488	ng	97

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



#1

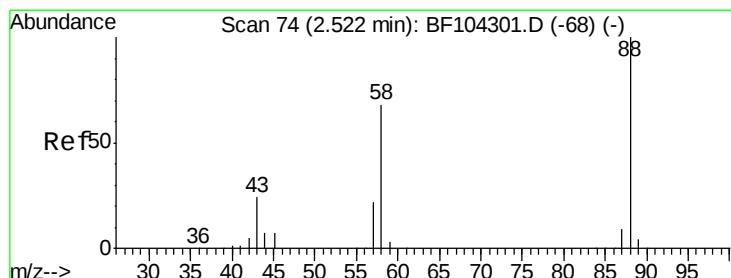
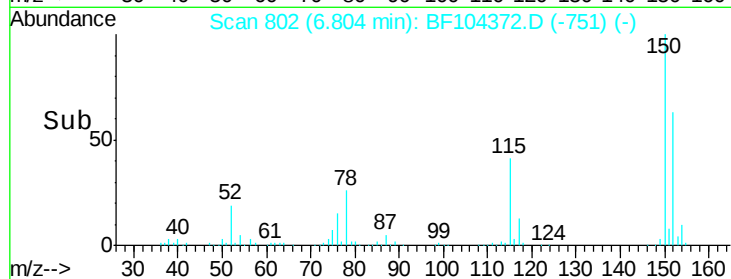
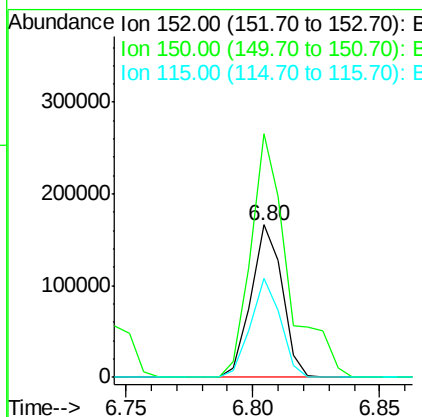
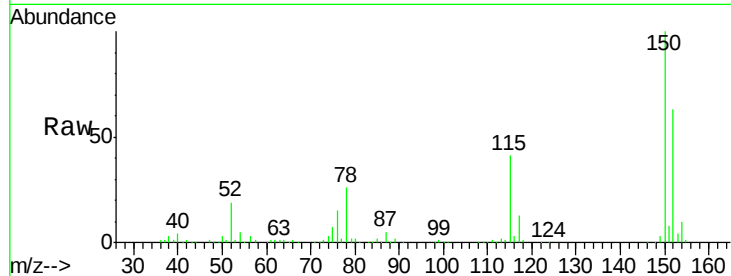
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF104372.D
Acq: 9 Apr 2018 15:17

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-004-ABCDMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.7	124.6	186.8
115	65.1	50.1	75.1

Manual Integrations
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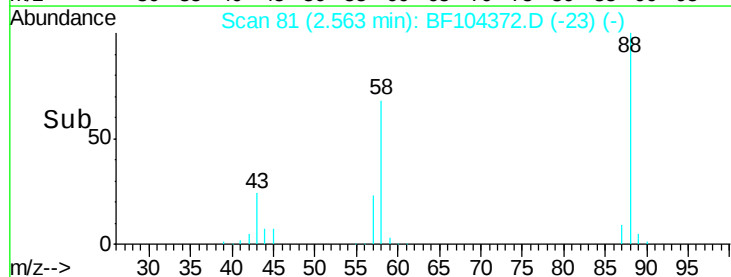
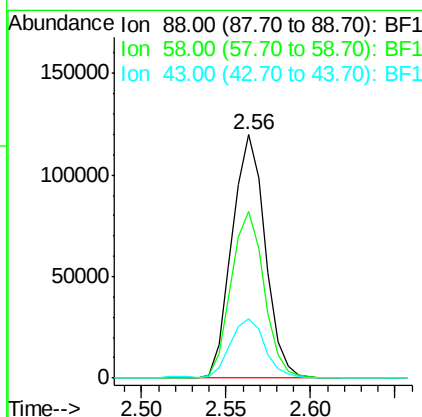
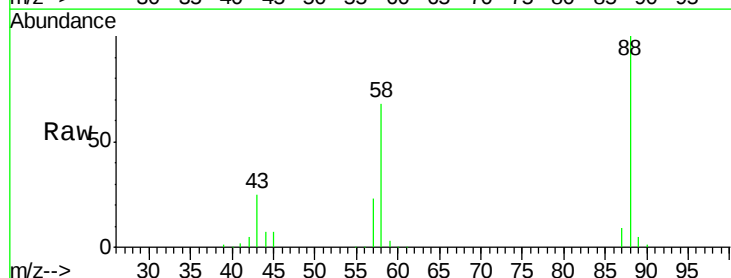
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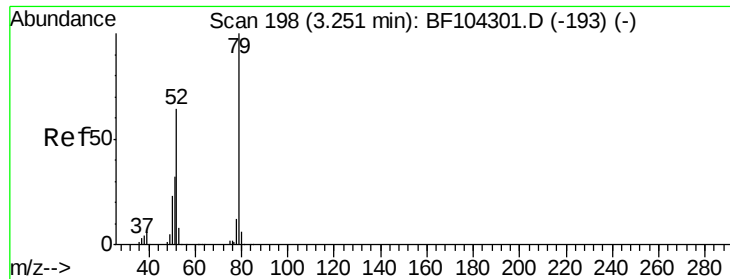


#2

1,4-Dioxane
Concen: 37.789 ng
RT: 2.56 min Scan# 81
Delta R.T. 0.04 min
Lab File: BF104372.D
Acq: 9 Apr 2018 15:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.1	62.6	93.8
43	27.0	24.6	37.0





#3

Pvridine

Concen: 36.195 ng

RT: 3.30 min Scan# 207

Delta R.T. 0.05 min

Lab File: BF104372.D

Acq: 9 Apr 2018 15:17

Instrument :

BNA_F

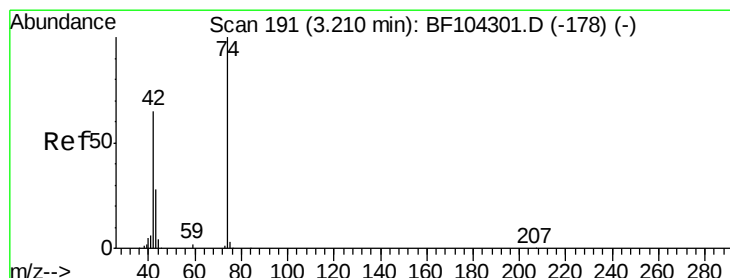
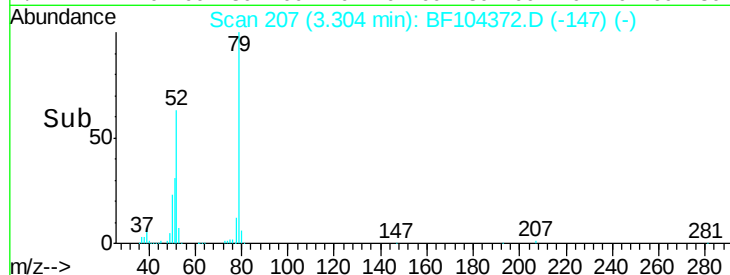
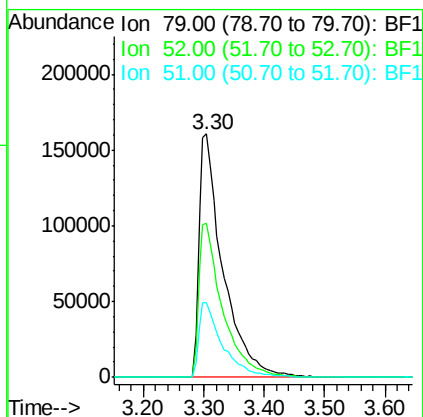
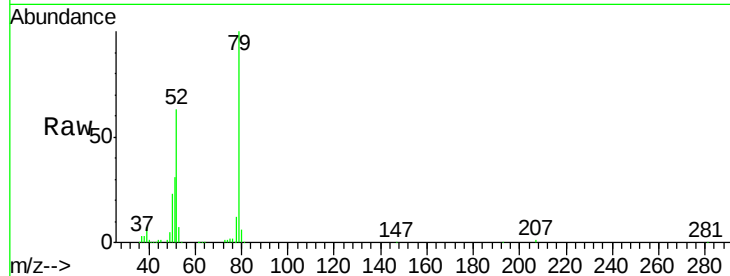
ClientSampleId :

FK-BPM-02-004-ABCDMSD

Tot Ion:	79	Resp:	441907
Ion Ratio	Lower	Upper	
79	100		
52	63.5	59.8	89.6
51	30.9	29.8	44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 47.169 ng

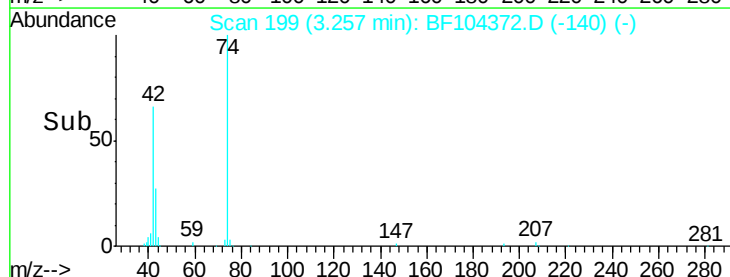
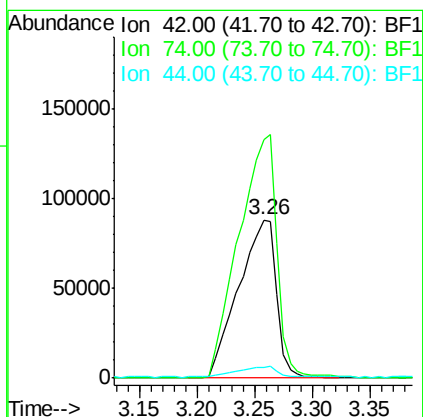
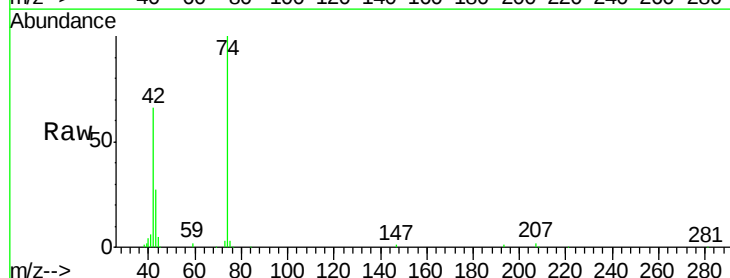
RT: 3.26 min Scan# 199

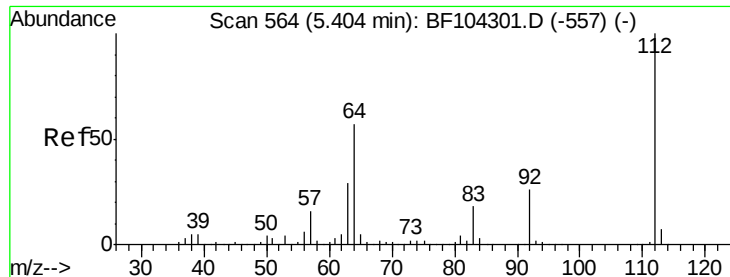
Delta R.T. 0.05 min

Lab File: BF104372.D

Acq: 9 Apr 2018 15:17

Tgt Ion:	42	Resp:	201312
Ion Ratio	Lower	Upper	
42	100		
74	150.8	104.9	157.3
44	7.1	6.9	10.3





#5

2-Fluorophenol

Concen: 128.737 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.02 min

Lab File: BF104372.D

Acq: 9 Apr 2018 15:17

Instrument :

BNA_F

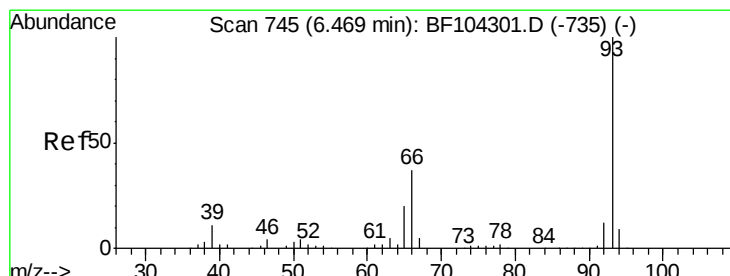
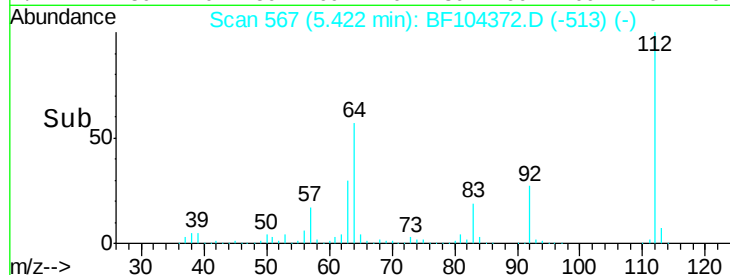
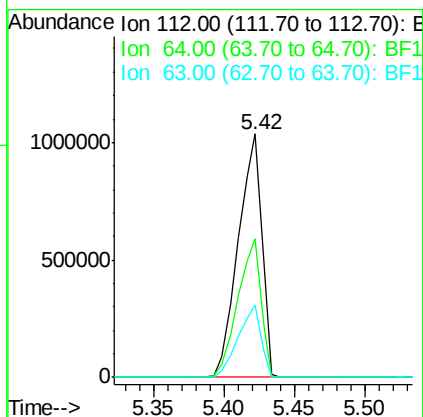
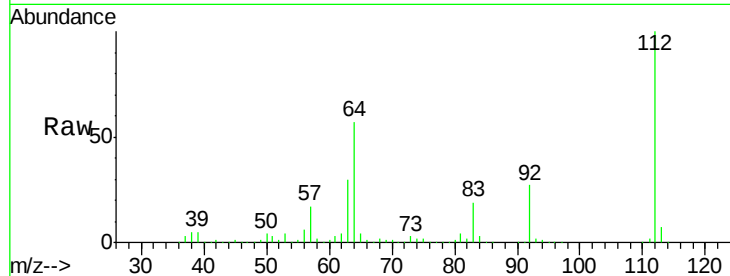
ClientSampleId :

FK-BPM-02-004-ABCDMSD

Tot Ion:	112	Resp:	1199762
Ion	Ratio	Lower	Upper
112	100		
64	56.8	47.9	71.9
63	29.5	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 32.582 ng

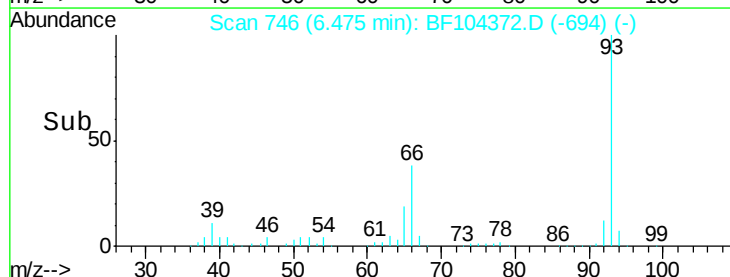
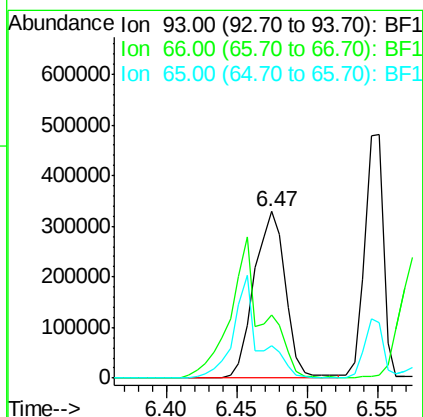
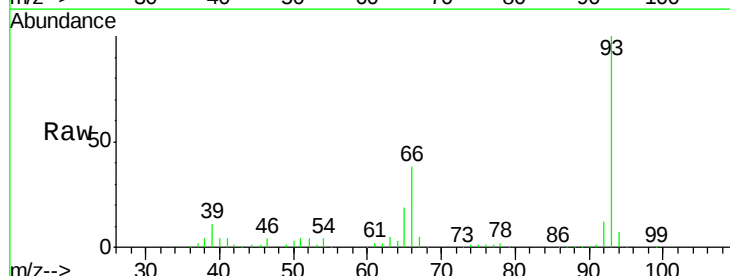
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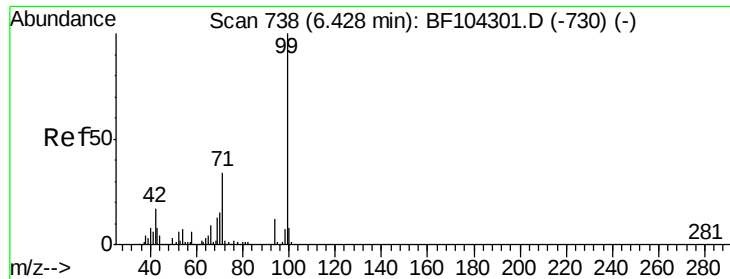
Delta R.T. 0.01 min

Lab File: BF104372.D

Acq: 9 Apr 2018 15:17

Tgt Ion:	93	Resp:	518339
Ion	Ratio	Lower	Upper
93	100		
66	37.9	32.2	48.2
65	19.2	16.4	24.6





#7

Phenol-d6

Concen: 130.543 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.02 min

Lab File: BF104372.D

Acq: 9 Apr 2018 15:17

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-004-ABCDMSD

Tot Ion: 99 Resp: 1494797

Ion Ratio Lower Upper

99 100

42 16.1 14.5 21.7

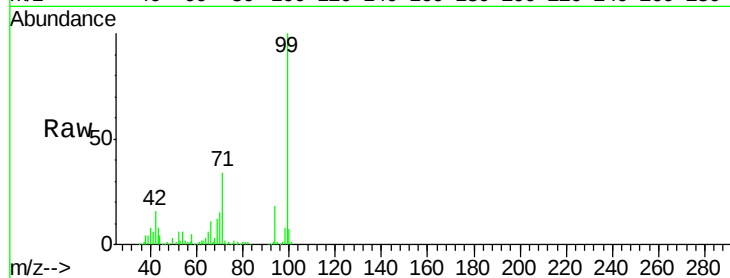
71 33.7 25.4 38.0

Manual Integrations

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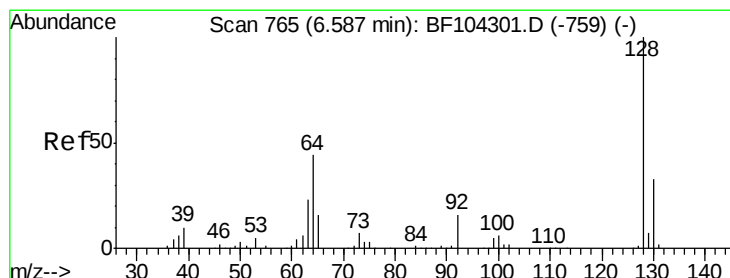
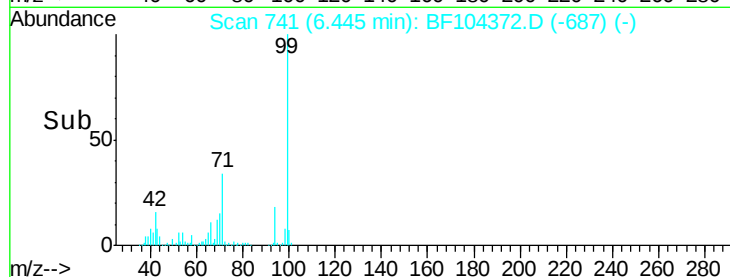
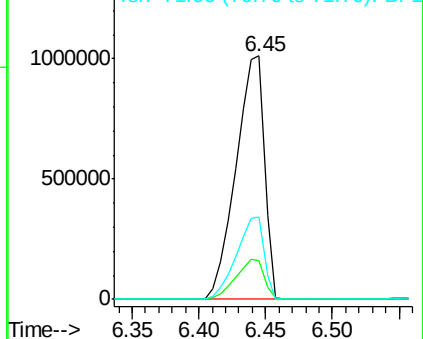
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 46.488 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF104372.D

Acq: 9 Apr 2018 15:17

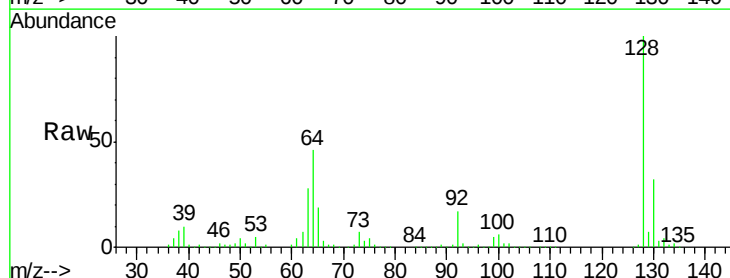
Tgt Ion: 128 Resp: 457279

Ion Ratio Lower Upper

128 100

130 32.3 13.0 53.0

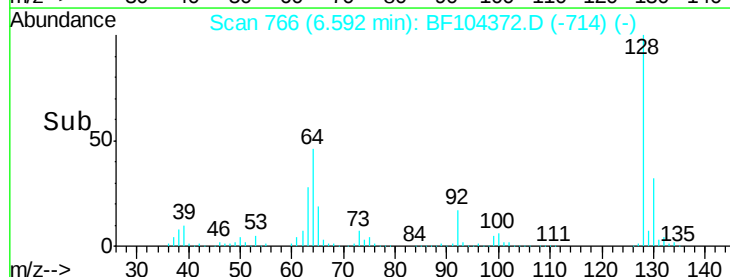
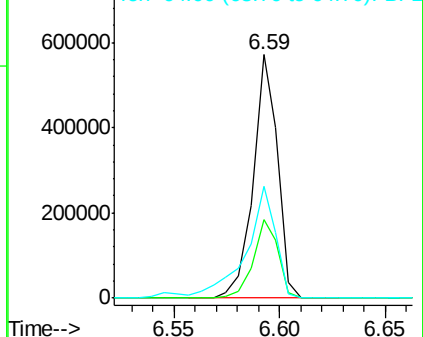
64 45.8 29.4 69.4

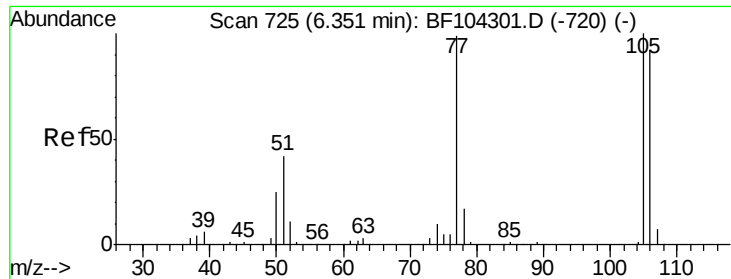


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





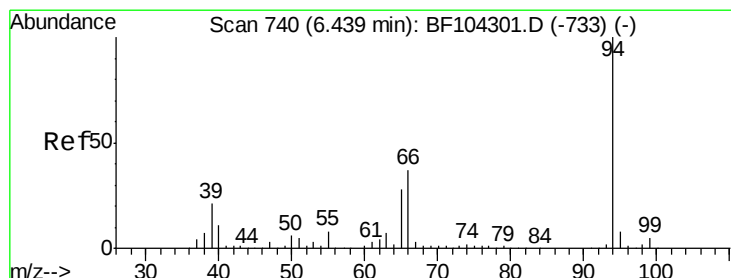
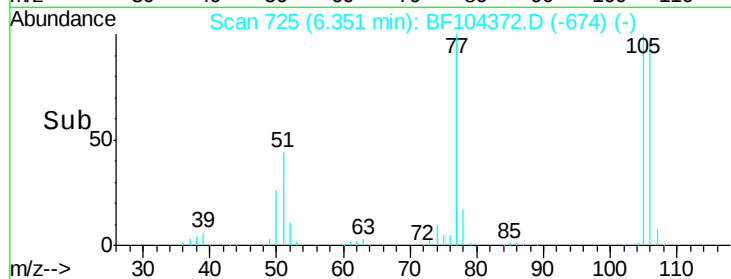
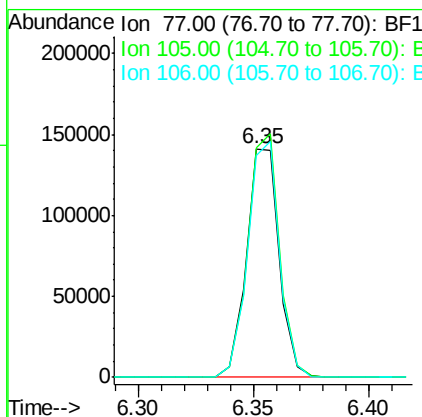
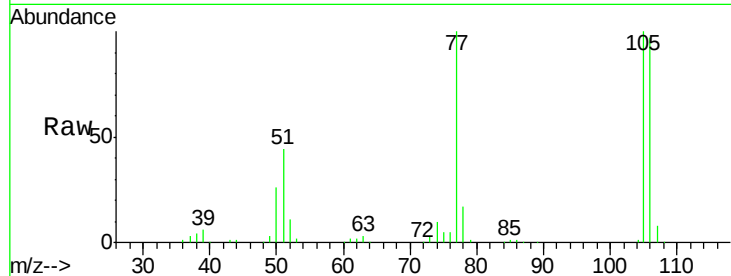
#9
Benzaldehyde
Concen: 20.308 ng
RT: 6.35 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF104372.D
Acq: 9 Apr 2018 15:17

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-004-ABCDMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	100.2	81.1	121.1		
106	97.0	74.5	114.5		

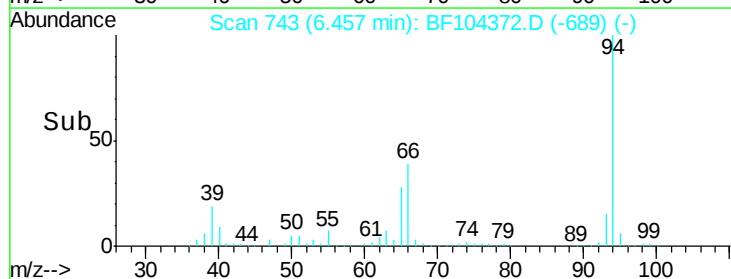
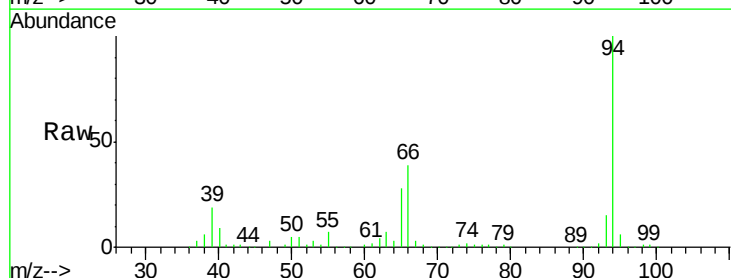
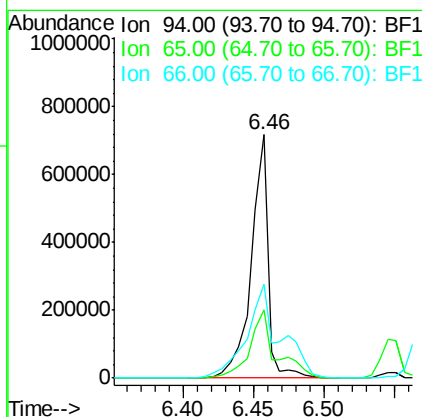
Manual Integrations
APPROVED

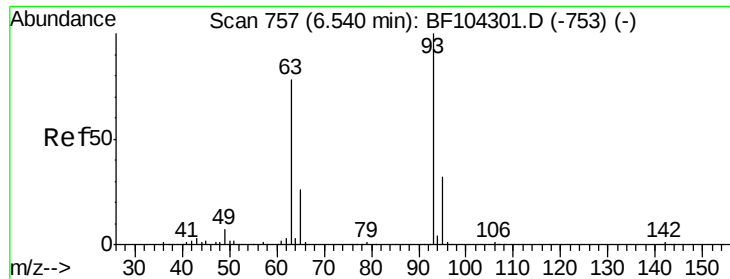
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4/10/2018 12:00:18 PM



#10
Phenol
Concen: 49.677 ng
RT: 6.46 min Scan# 743
Delta R.T. 0.02 min
Lab File: BF104372.D
Acq: 9 Apr 2018 15:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	28.1	7.9	47.9		
66	38.8	16.2	56.2		





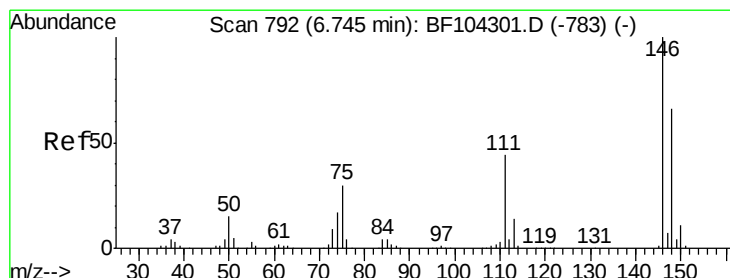
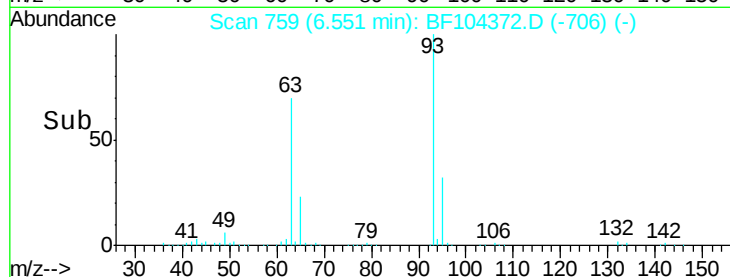
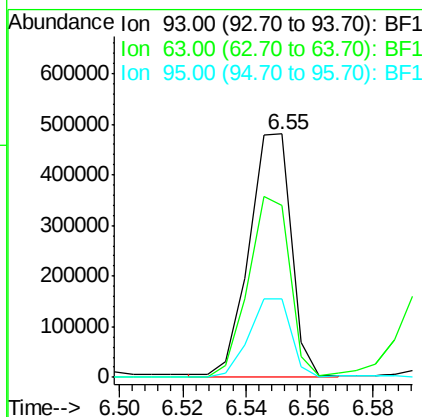
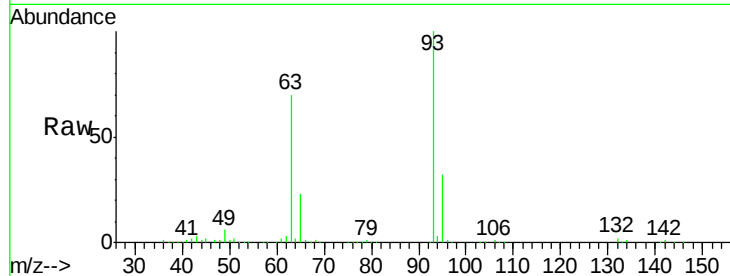
#11
bis(2-Chloroethyl)ether
Concen: 46.042 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.01 min
Lab File: BF104372.D
Acq: 9 Apr 2018 15:17

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-004-ABCDMSD

Tot Ion:	93	Resp:	446392
Ion	Ratio	Lower	Upper
93	100		
63	70.4	58.6	98.6
95	32.3	11.8	51.8

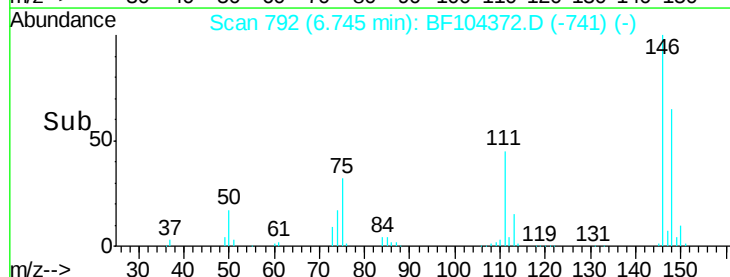
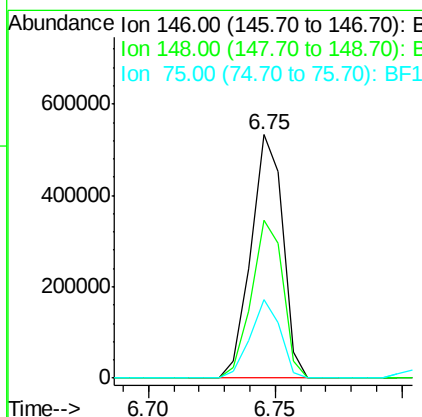
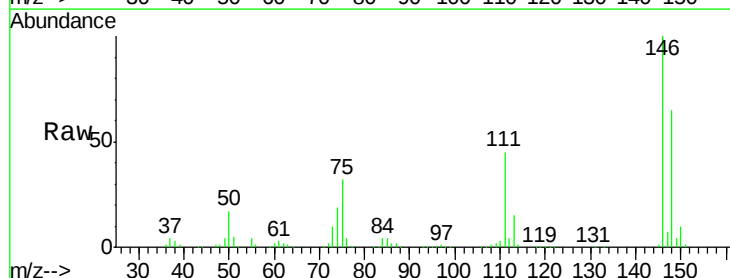
Manual Integrations
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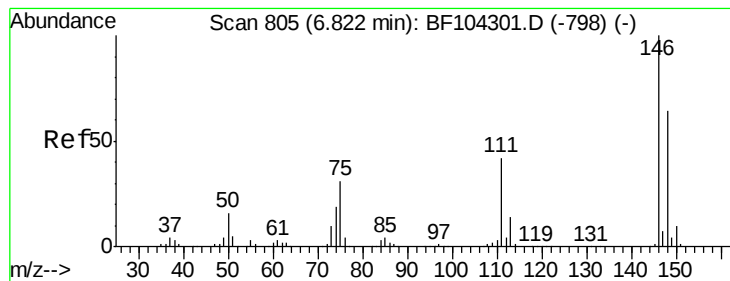
Sohil
4/10/2018 12:00:18 PM



#12
1,3-Dichlorobenzene
Concen: 41.767 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF104372.D
Acq: 9 Apr 2018 15:17

Tgt Ion:	146	Resp:	465439
Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.8	77.8
75	32.2	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 42.610 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.00 min

Lab File: BF104372.D

Acq: 9 Apr 2018 15:17

Tot Ion:	146	Resp:	473325
Ion Ratio	Lower	Upper	
146	100		
148	62.7	50.8	76.2
111	44.1	34.2	51.2

Instrument :

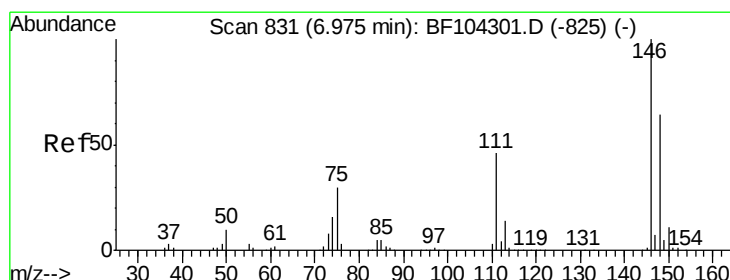
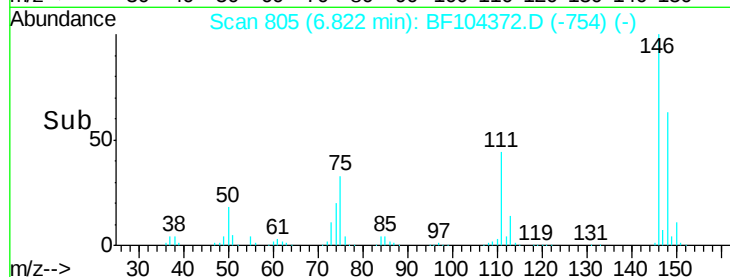
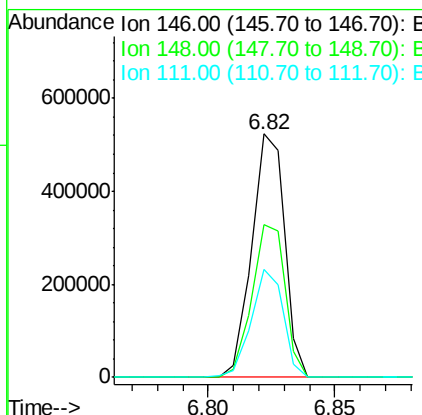
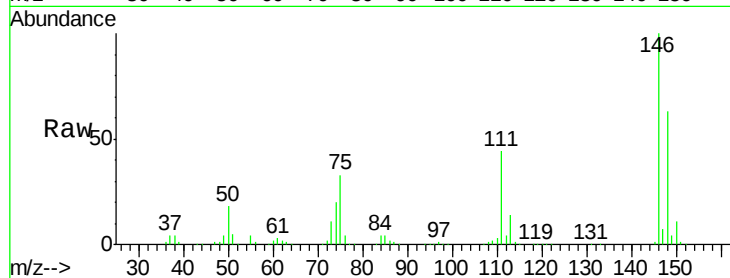
BNA_F

ClientSampleId :

FK-BPM-02-004-ABCDMSD

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#14

1,2-Dichlorobenzene

Concen: 42.437 ng

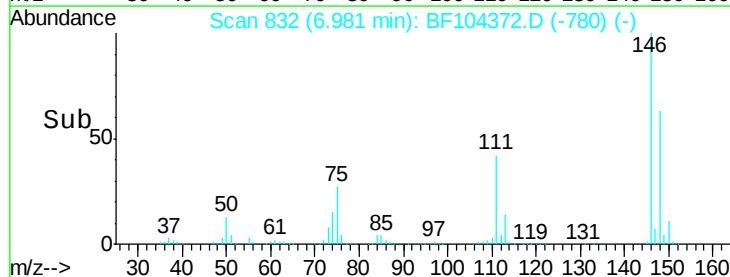
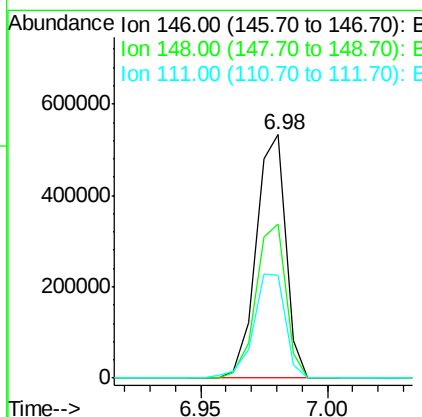
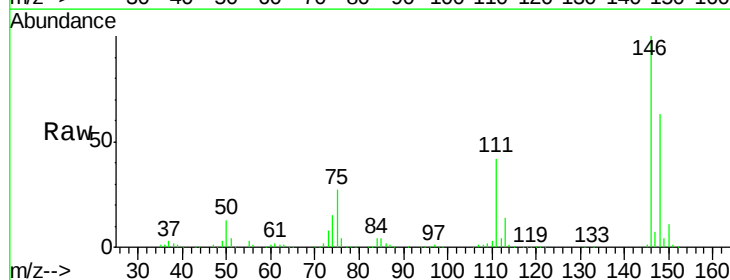
RT: 6.98 min Scan# 832

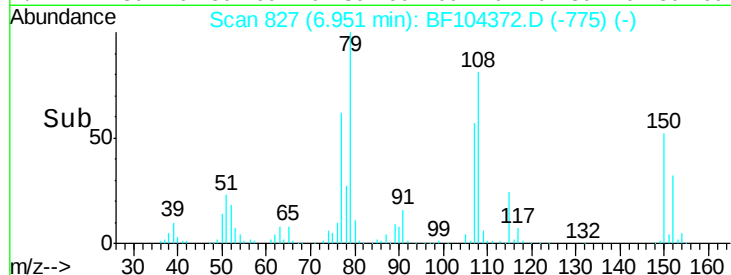
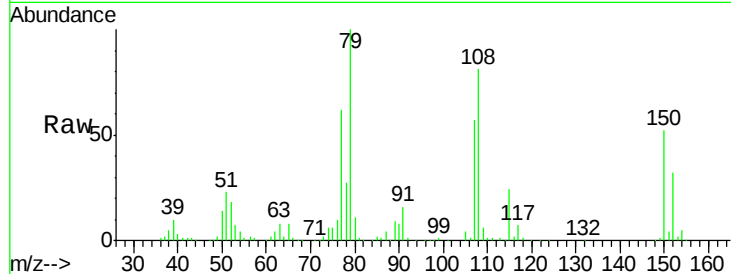
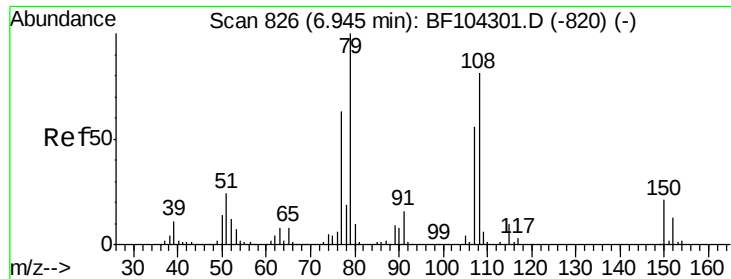
Delta R.T. 0.01 min

Lab File: BF104372.D

Acq: 9 Apr 2018 15:17

Tgt Ion:	146	Resp:	436846
Ion Ratio	Lower	Upper	
146	100		
148	63.3	50.6	75.8
111	42.2	36.0	54.0





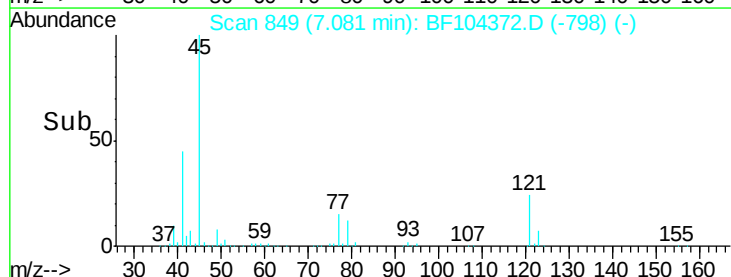
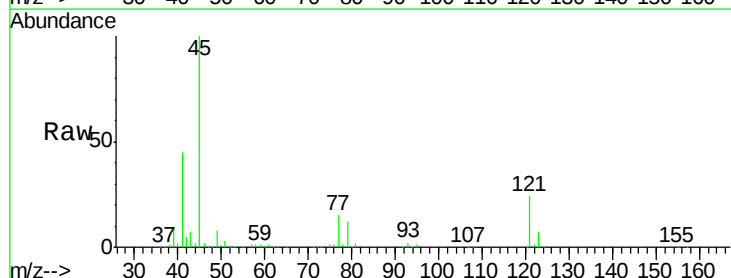
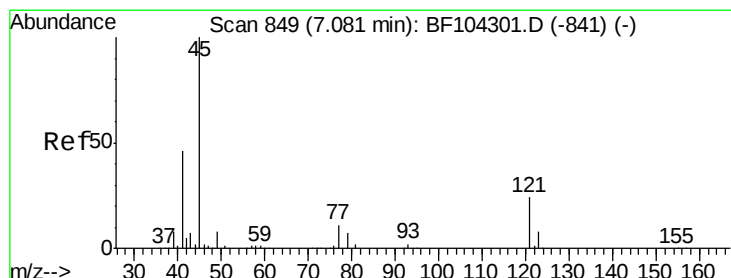
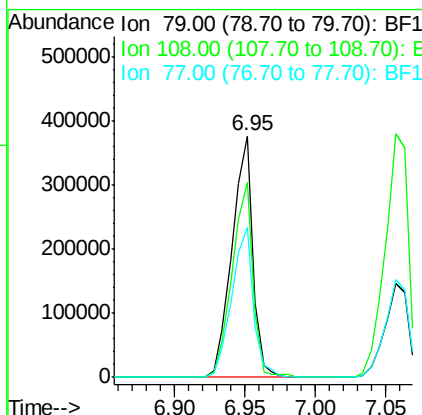
#15
Benzyl Alcohol
Concen: 44.347 ng
RT: 6.95 min Scan# 827
Delta R.T. 0.01 min
Lab File: BF104372.D
Acq: 9 Apr 2018 15:17

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.7	65.1	97.7
77	62.3	50.6	75.8

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-004-ABCDMSD

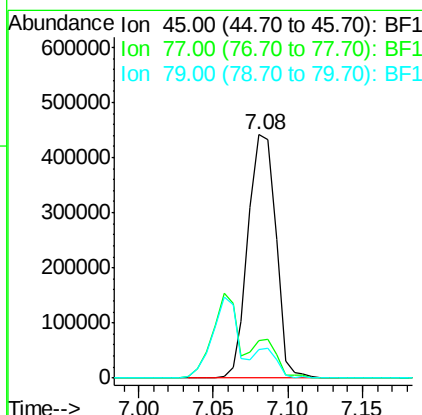
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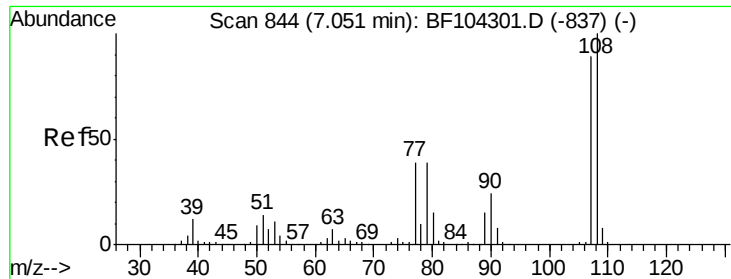
Sohil
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.691 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF104372.D
Acq: 9 Apr 2018 15:17

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.3	0.0	32.9
79	12.0	0.0	29.6





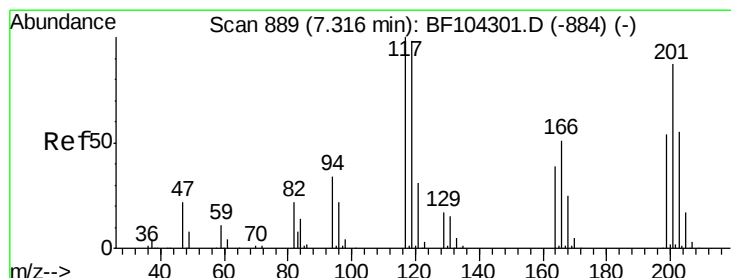
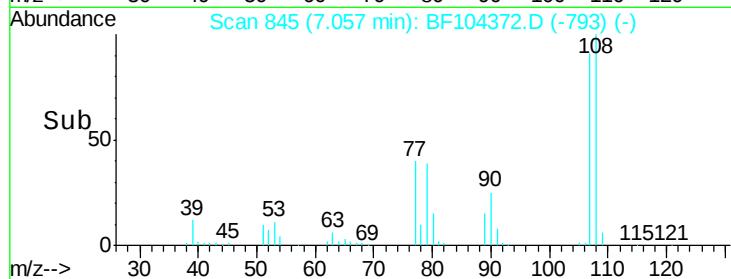
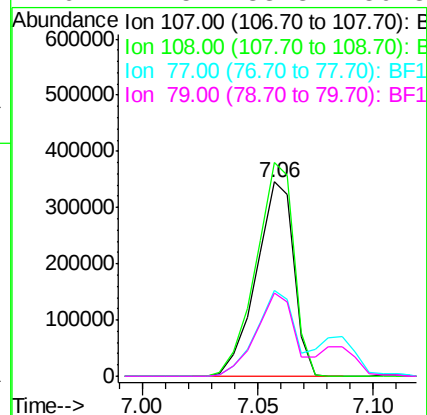
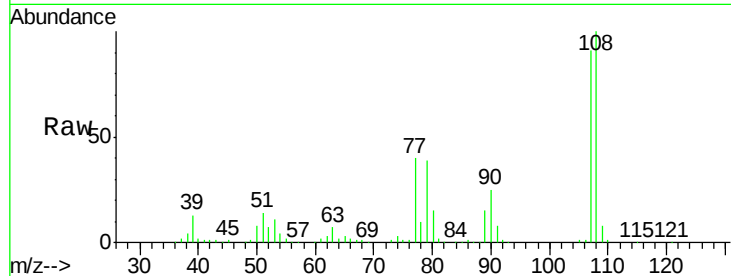
#17
2-Methylphenol
Concen: 45.875 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.01 min
Lab File: BF104372.D
Acq: 9 Apr 2018 15:17

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-004-ABCDMSD

Tot Ion:	107	Resp:	392247
Ion Ratio	Lower	Upper	
107	100		
108	109.8	91.7	137.5
77	44.2	33.8	50.8
79	42.5	33.8	50.8

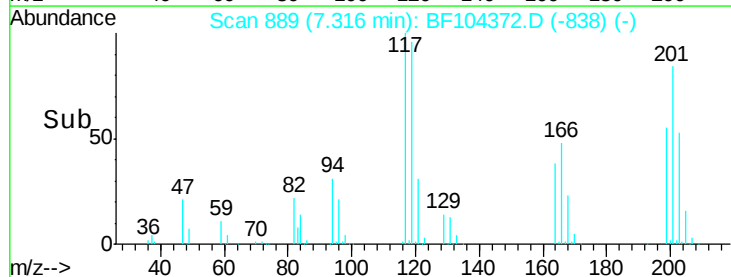
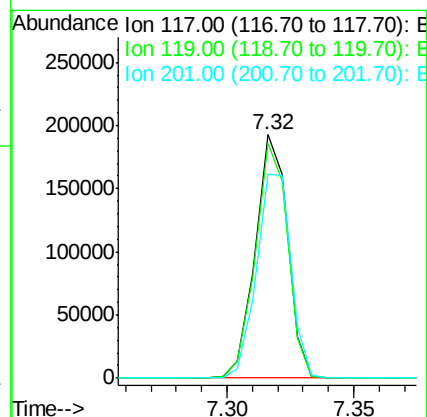
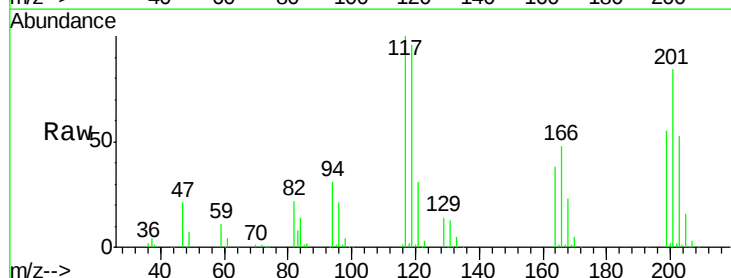
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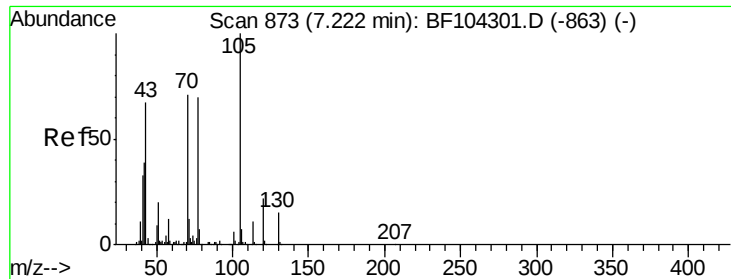
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#18
Hexachloroethane
Concen: 43.199 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.00 min
Lab File: BF104372.D
Acq: 9 Apr 2018 15:17

Tgt Ion:	117	Resp:	171091
Ion Ratio	Lower	Upper	
117	100		
119	96.2	75.8	113.8
201	83.6	75.7	113.5





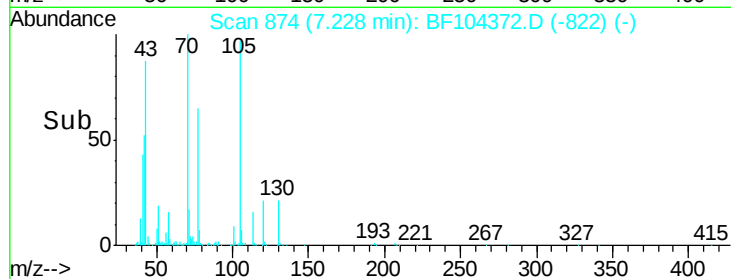
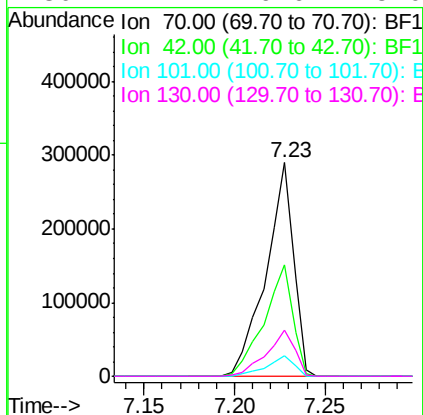
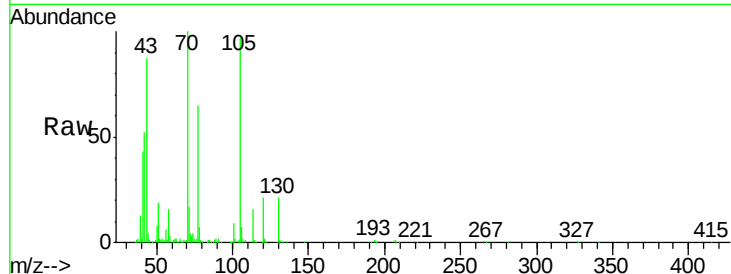
#19
n-Nitroso-di-n-propylamine
Concen: 41.110 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF104372.D
Acq: 9 Apr 2018 15:17

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-004-ABCDMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	52.1		47.5	71.3	
101	9.4		7.4	11.2	
130	21.4		16.6	25.0	

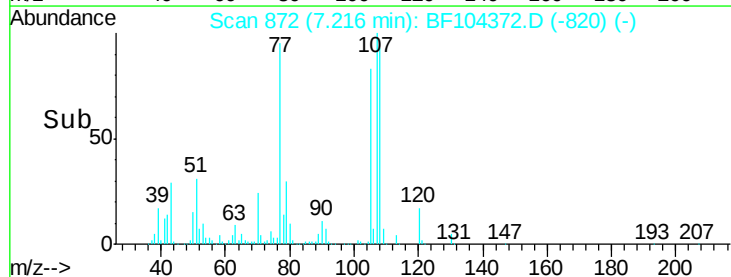
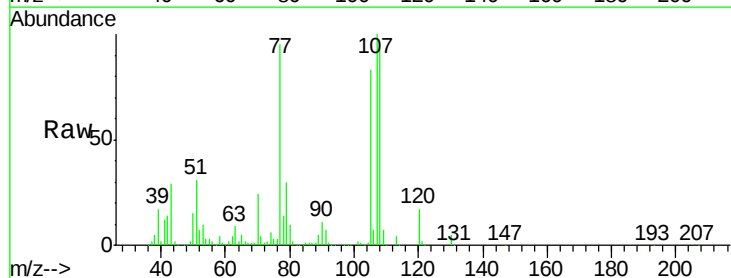
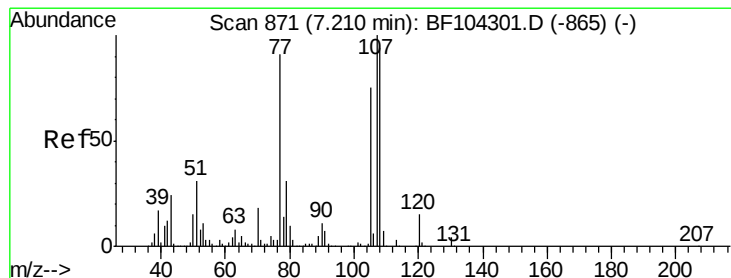
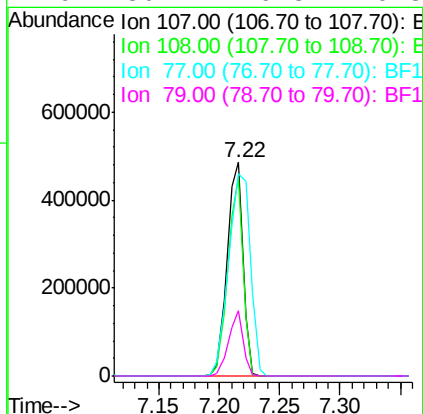
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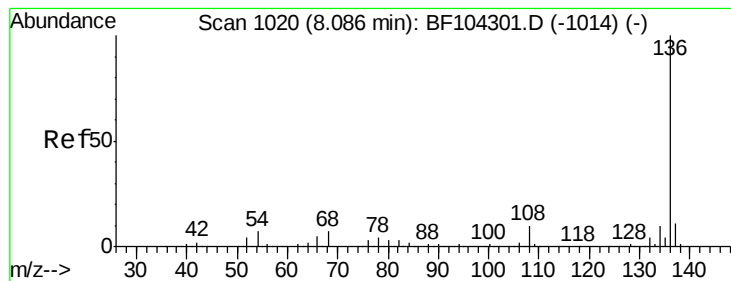
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#20
3+4-Methylphenols
Concen: 41.888 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF104372.D
Acq: 9 Apr 2018 15:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	92.9		68.2	108.2	
77	94.6		26.7	66.7#	
79	30.4		6.3	46.3	





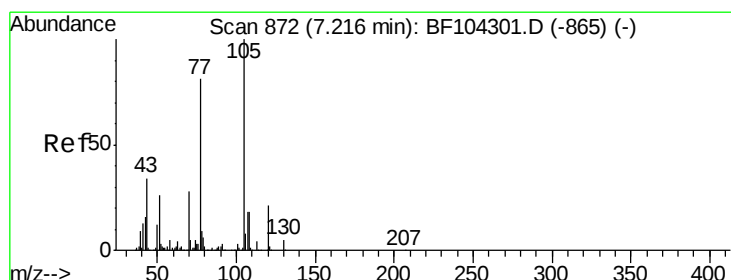
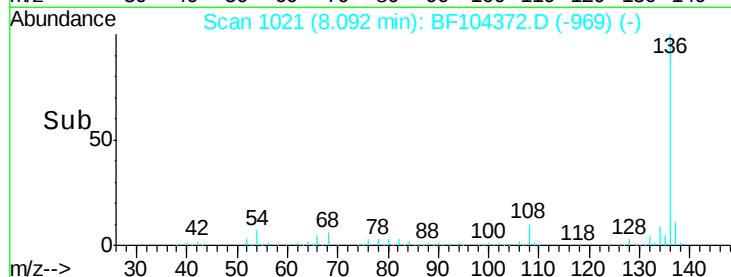
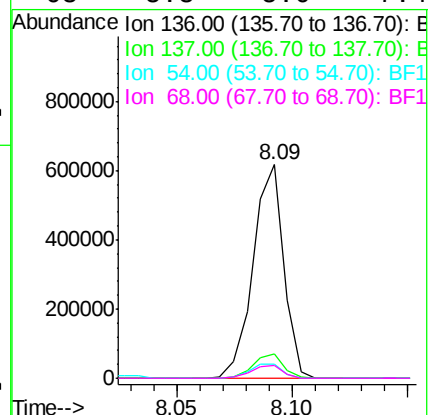
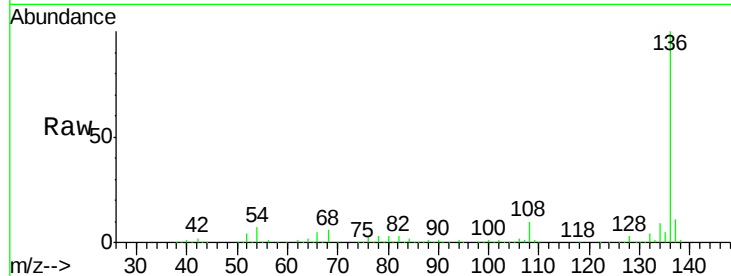
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.01 min
Lab File: BF104372.D
Acq: 9 Apr 2018 15:17

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-004-ABCDMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		574937		
137	11.2	8.9	13.3		
54	6.6	6.6	9.8		
68	5.8	5.0	7.4		

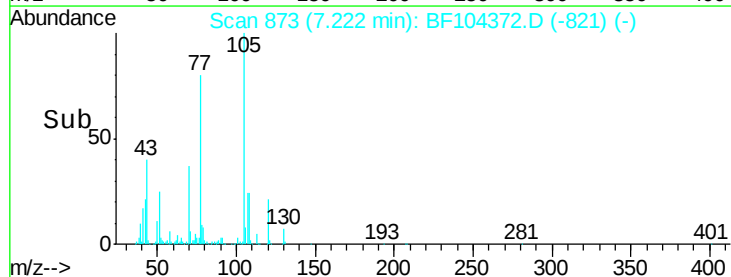
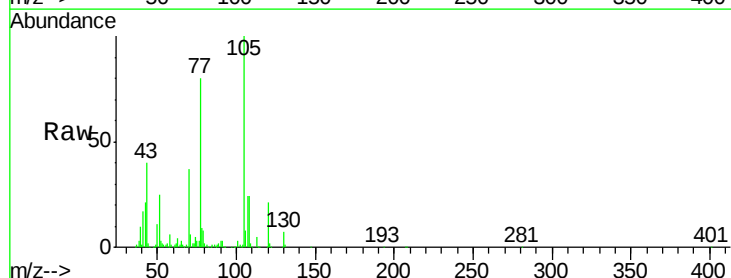
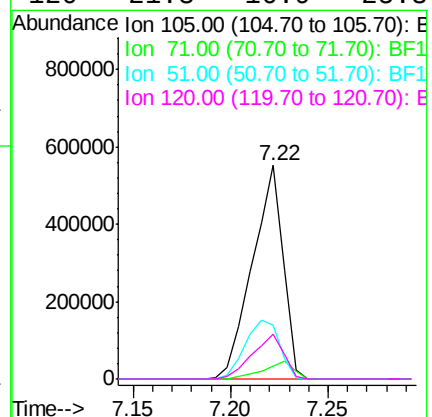
Manual Integrations
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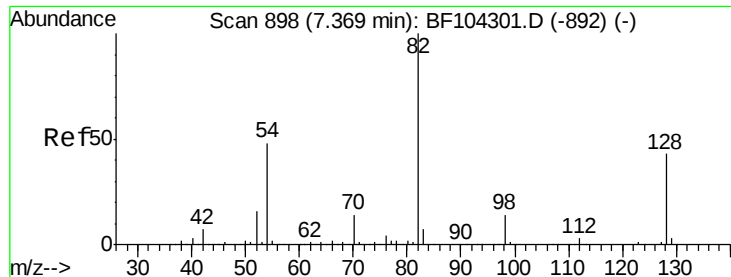
Sohil
4/10/2018 12:00:18 PM



#22
Acetophenone
Concen: 42.534 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF104372.D
Acq: 9 Apr 2018 15:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		602047		
71	6.3	4.4	6.6		
51	25.4	22.3	33.5		
120	21.3	16.9	25.3		





#23

Nitrobenzene-d5

Concen: 105.685 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.01 min

Lab File: BF104372.D

Acq: 9 Apr 2018 15:17

Instrument :

BNA_F

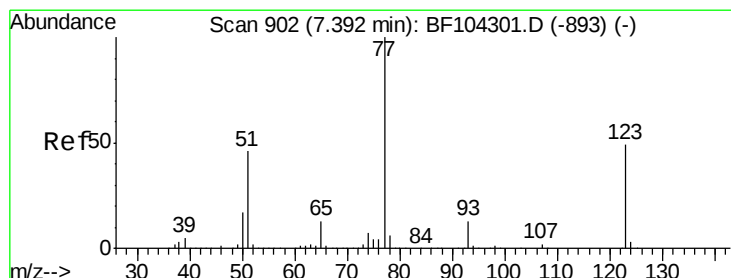
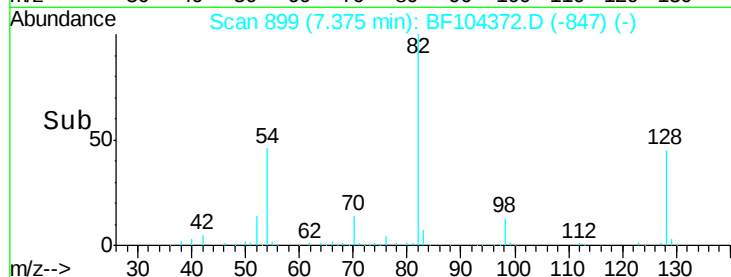
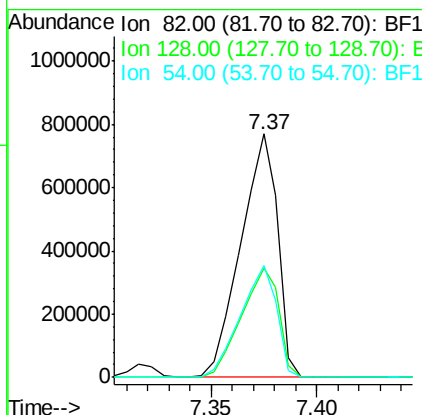
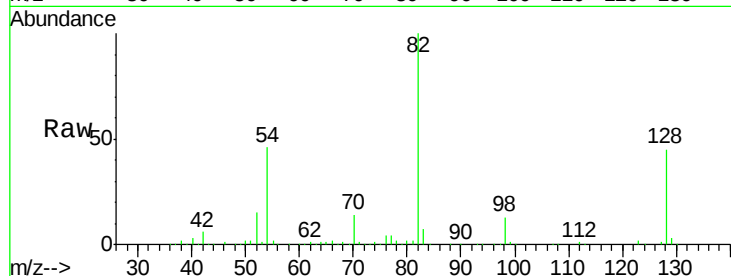
ClientSampleId :

FK-BPM-02-004-ABCDMSD

Tot Ion:	82	Resp:	930535
Ion Ratio	Lower	Upper	
82	100		
128	45.0	36.1	54.1
54	46.1	41.4	62.2

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#24

Nitrobenzene

Concen: 49.109 ng

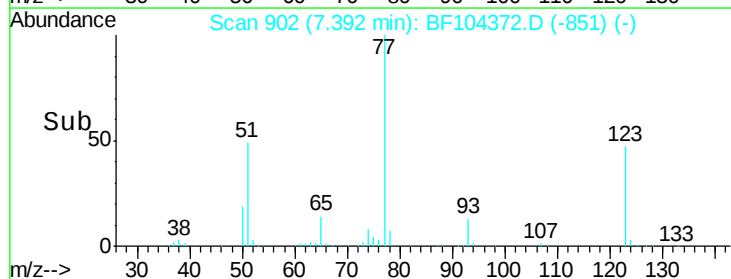
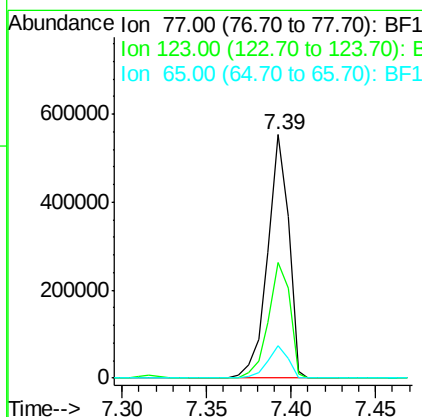
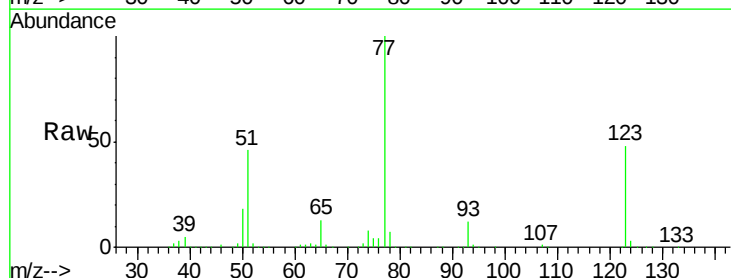
RT: 7.39 min Scan# 902

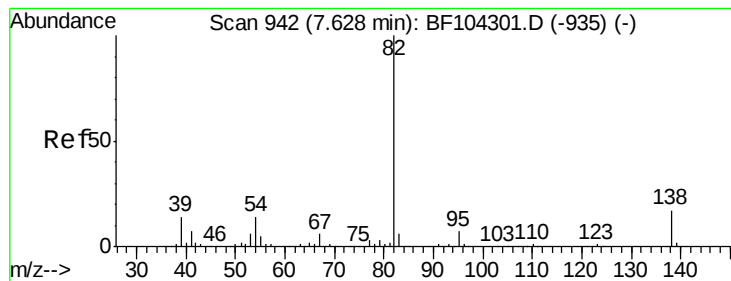
Delta R.T. -0.00 min

Lab File: BF104372.D

Acq: 9 Apr 2018 15:17

Tgt Ion:	77	Resp:	477389
Ion Ratio	Lower	Upper	
77	100		
123	47.7	37.9	56.9
65	13.4	11.0	16.4





#25

Isophorone

Concen: 47.330 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.01 min

Lab File: BF104372.D

Acq: 9 Apr 2018 15:17

Instrument :

BNA_F

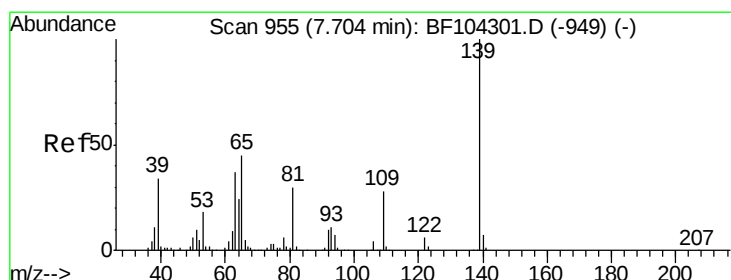
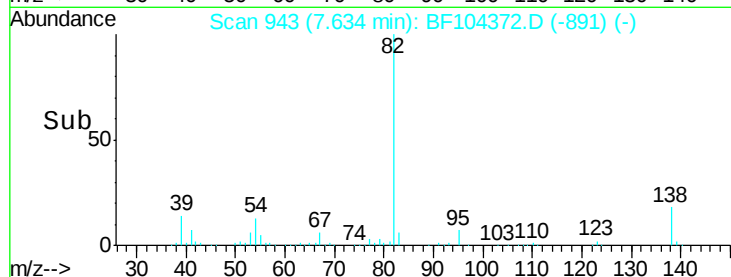
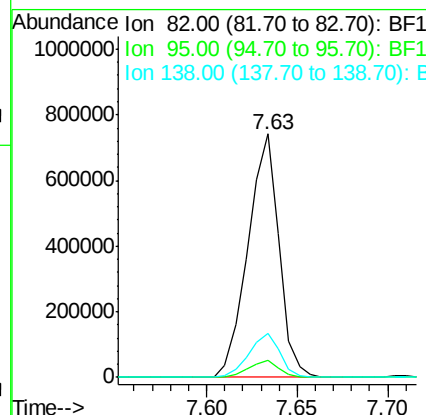
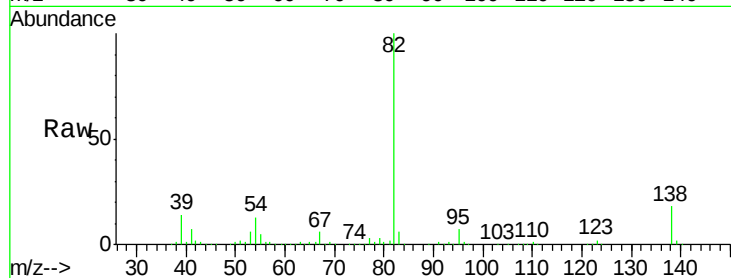
ClientSampleId :

FK-BPM-02-004-ABCDMSD

Tot Ion:	82	Resp:	881242
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.2	7.8
138	18.2	14.9	22.3

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#26

2-Nitrophenol

Concen: 62.936 ng

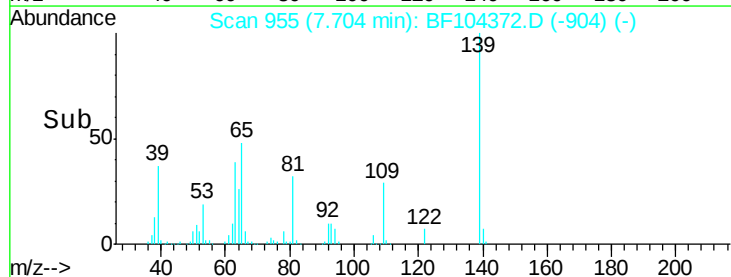
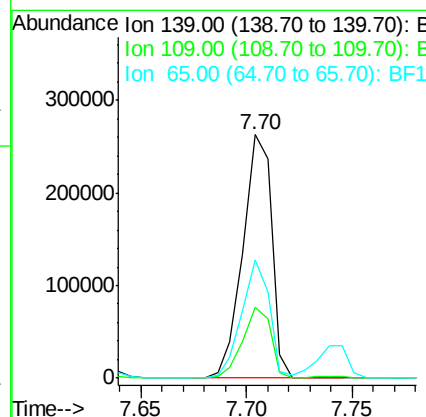
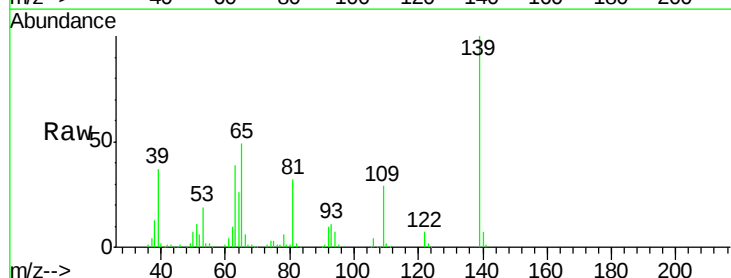
RT: 7.70 min Scan# 955

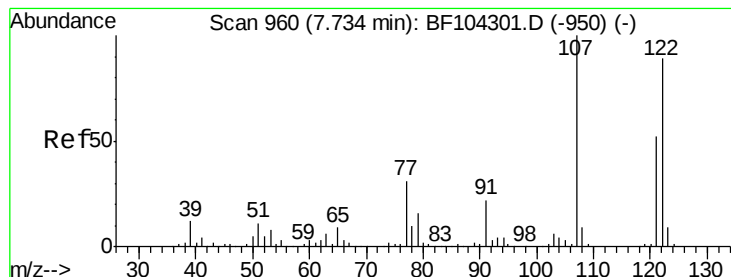
Delta R.T. -0.00 min

Lab File: BF104372.D

Acq: 9 Apr 2018 15:17

Tgt Ion:	139	Resp:	249068
Ion Ratio	Lower	Upper	
139	100		
109	29.1	22.7	34.1
65	48.5	40.5	60.7





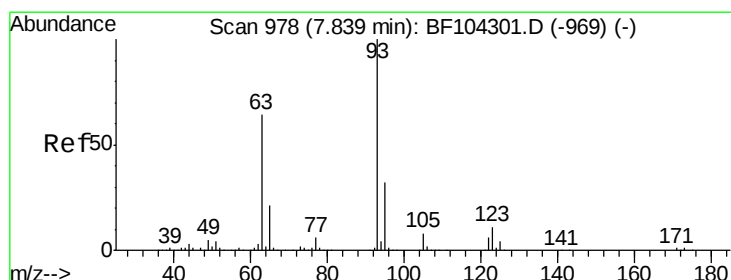
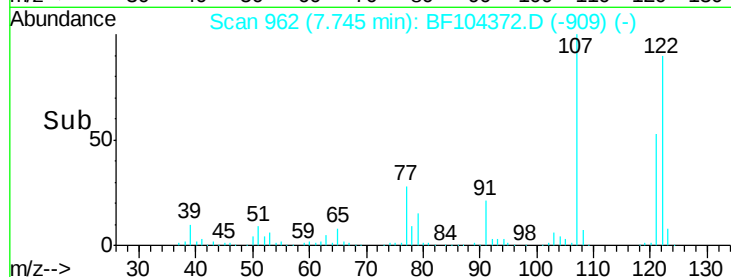
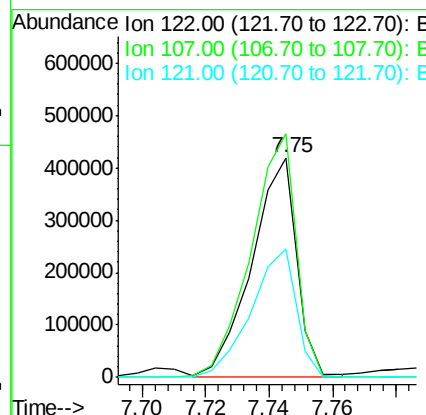
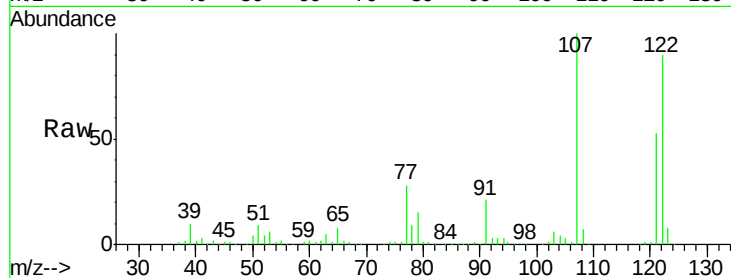
#27
2,4-Dimethylphenol
Concen: 50.255 ng
RT: 7.75 min Scan# 962
Delta R.T. 0.01 min
Lab File: BF104372.D
Acq: 9 Apr 2018 15:17

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-004-ABCDMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.9	91.2	136.8
121	58.7	47.2	70.8

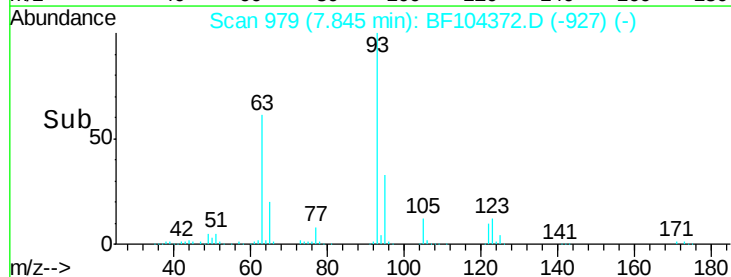
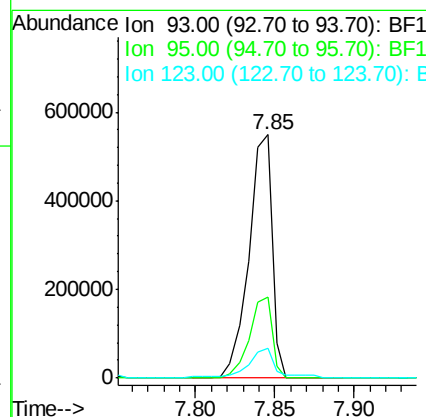
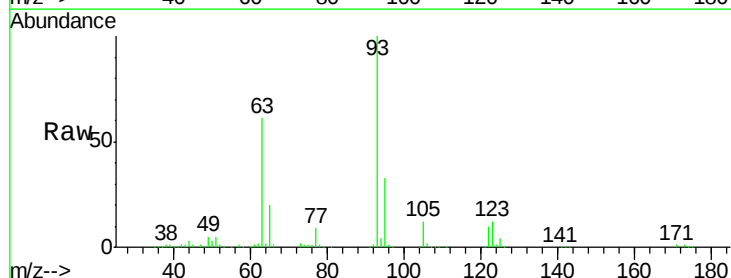
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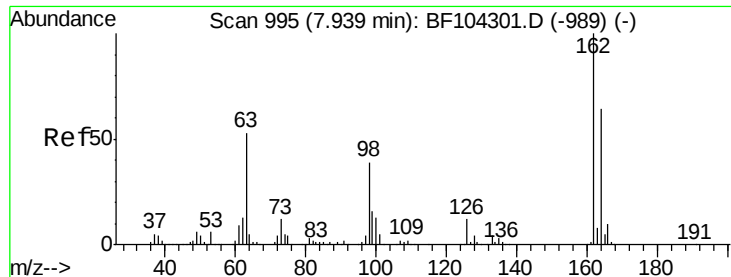
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#28
bis(2-Chloroethoxy)methane
Concen: 48.789 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.01 min
Lab File: BF104372.D
Acq: 9 Apr 2018 15:17

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.3	39.5
123	12.2	9.8	14.6





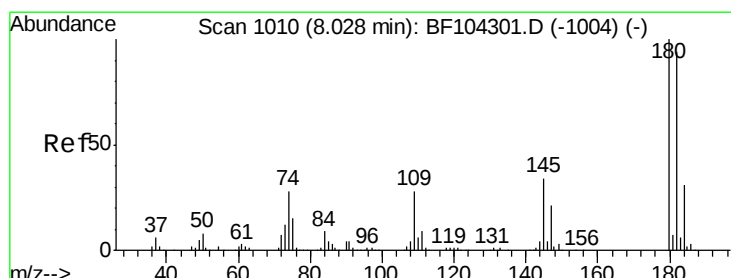
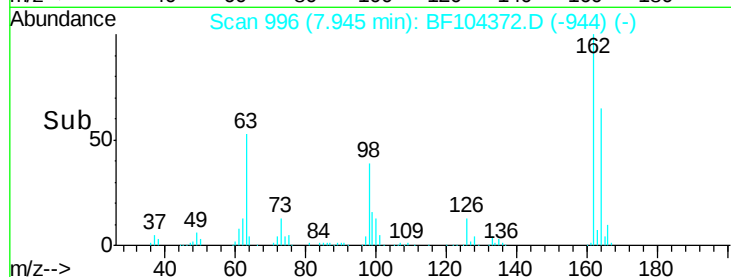
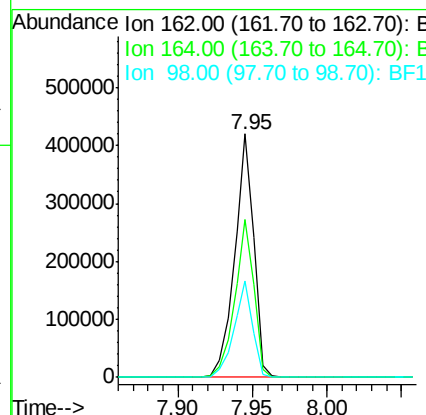
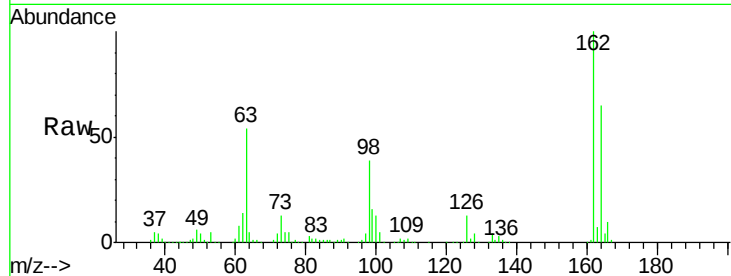
#29
2,4-Dichlorophenol
Concen: 48.496 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.01 min
Lab File: BF104372.D
Acq: 9 Apr 2018 15:17

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-004-ABCDMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	380228		
164	65.0	42.7	82.7	
98	39.3	18.1	58.1	

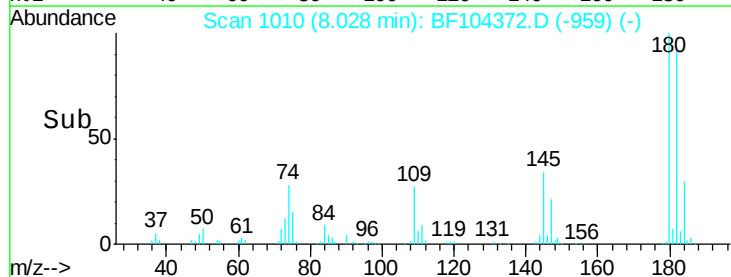
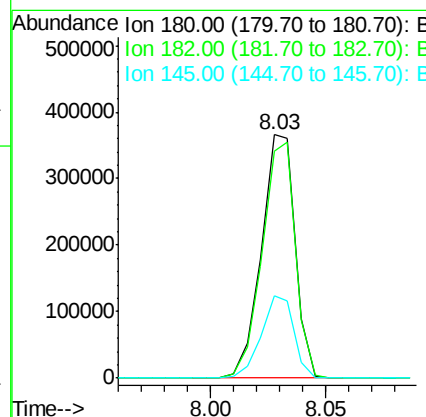
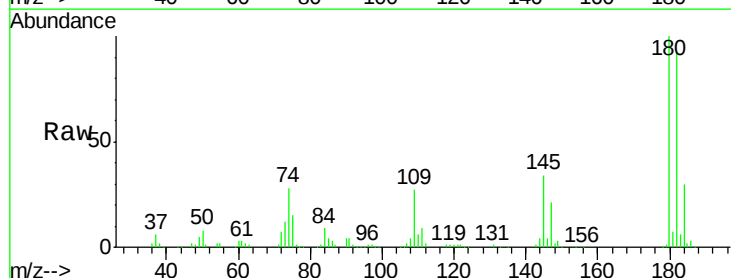
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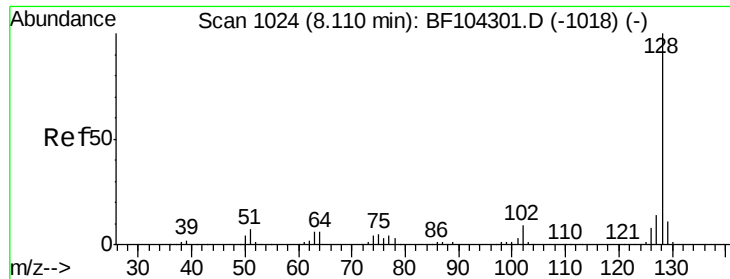
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 43.332 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF104372.D
Acq: 9 Apr 2018 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	372854		
182	93.4	76.8	115.2	
145	33.8	26.5	39.7	





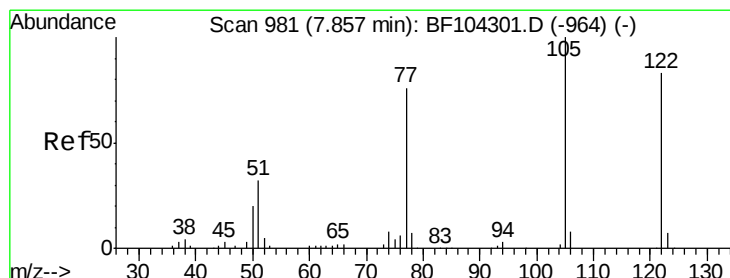
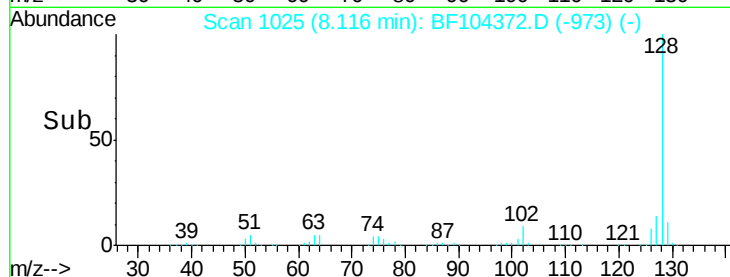
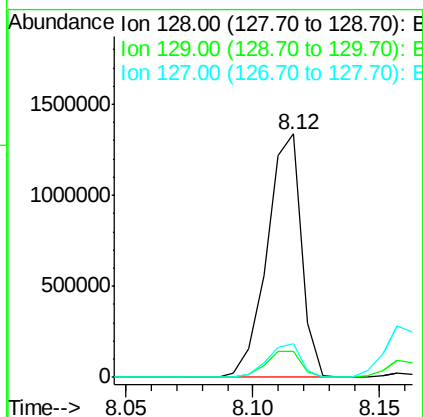
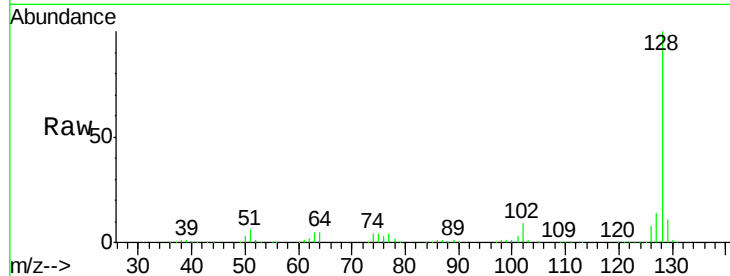
#31
Naphthalene
Concen: 44.267 ng
RT: 8.12 min Scan# 1025
Delta R.T. 0.01 min
Lab File: BF104372.D
Acq: 9 Apr 2018 15:17

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-004-ABCDMSD

Tot Ion:128 Resp: 1267321
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.7 10.9 16.3

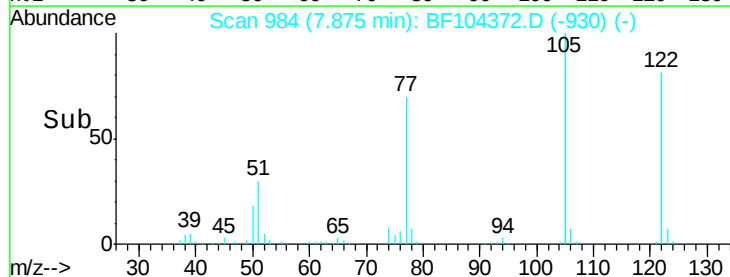
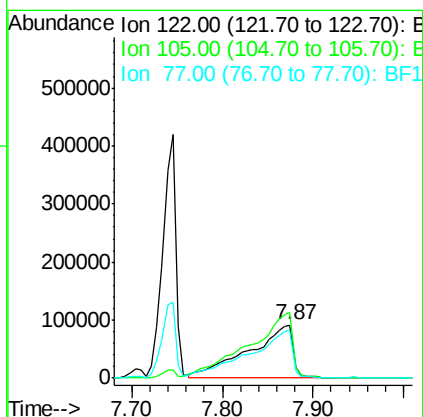
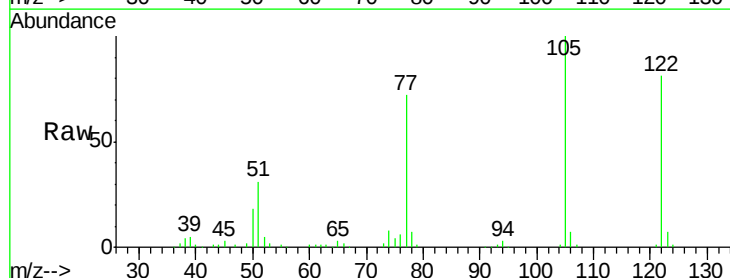
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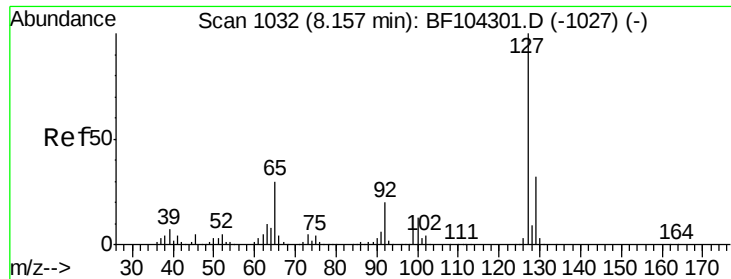
Sohil
4/10/2018 12:00:18 PM



#32
Benzoic acid
Concen: 46.984 ng
RT: 7.87 min Scan# 984
Delta R.T. 0.02 min
Lab File: BF104372.D
Acq: 9 Apr 2018 15:17

Tgt Ion:122 Resp: 308048
Ion Ratio Lower Upper
122 100
105 123.9 101.1 141.1
77 88.9 70.7 110.7





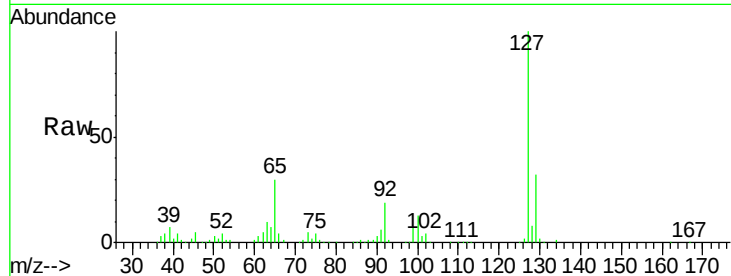
#33
4-Chloroaniline
Concen: 23.474 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF104372.D
Acq: 9 Apr 2018 15:17

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-004-ABCDMSD

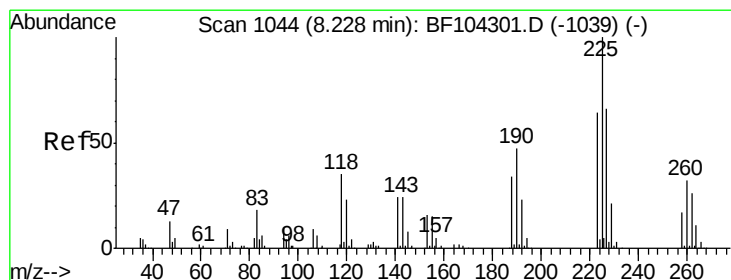
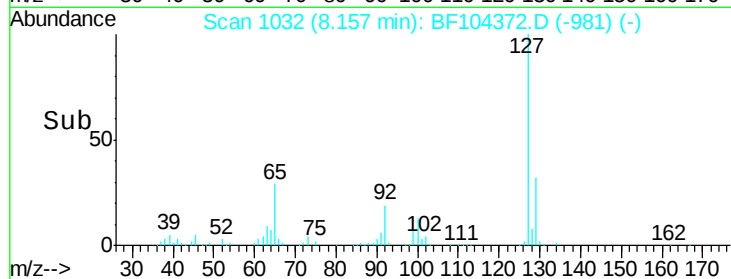
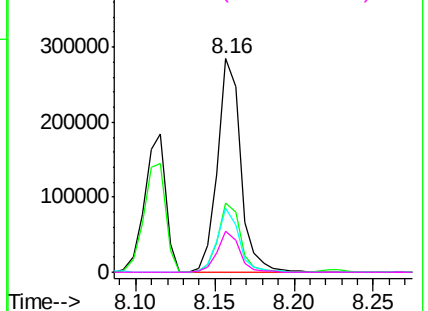
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		287904		
129	32.4		25.9	38.9	
65	30.1		25.0	37.4	
92	19.2		15.2	22.8	

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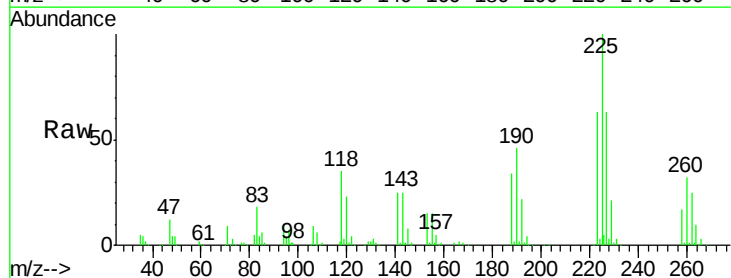


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

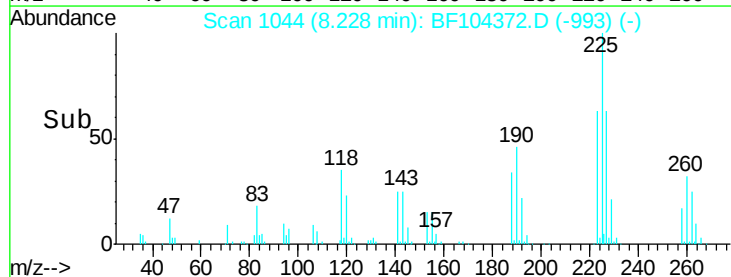
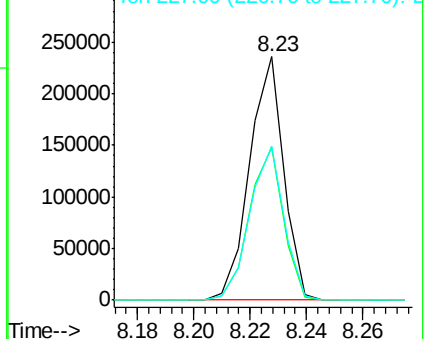


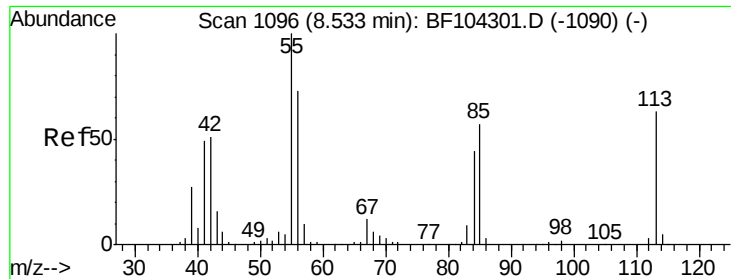
#34
Hexachlorobutadiene
Concen: 41.782 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF104372.D
Acq: 9 Apr 2018 15:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		196920		
223	62.6		50.6	76.0	
227	63.3		51.9	77.9	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 46.410 ng/ml

RT: 8.54 min Scan# 1097

Delta R.T. 0.01 min

Lab File: BF104372.D

Acq: 9 Apr 2018 15:17

Instrument :

BNA_F

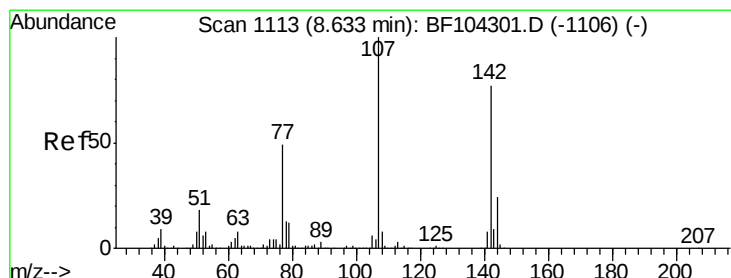
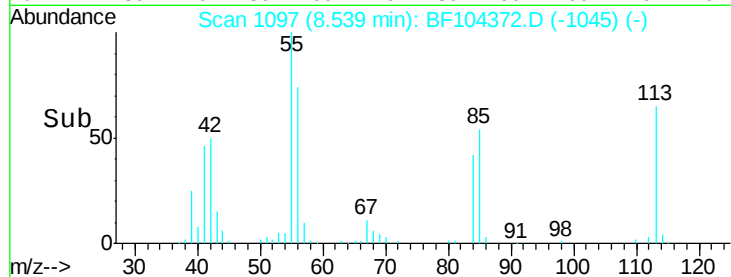
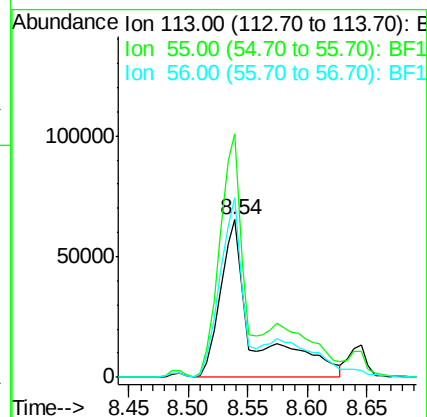
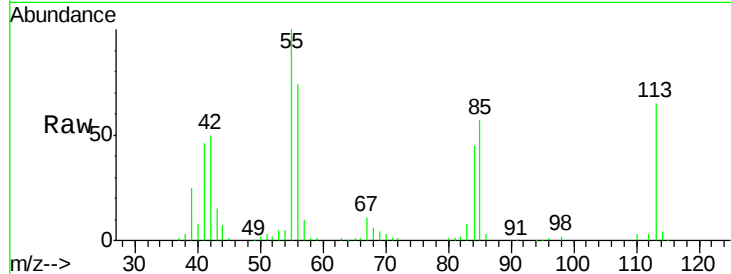
ClientSampleId :

FK-BPM-02-004-ABCDMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	154.5	163.3	203.3#
56	114.3	115.7	155.7#

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#36

4-Chloro-3-methylphenol

Concen: 48.367 ng/ml

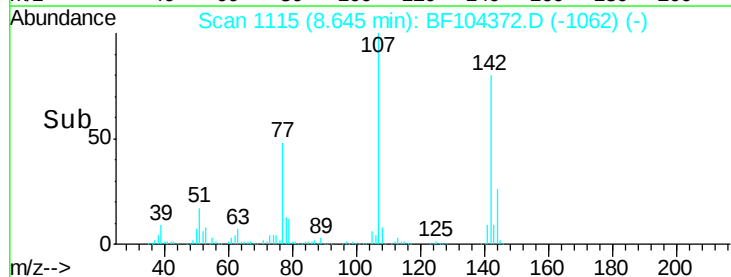
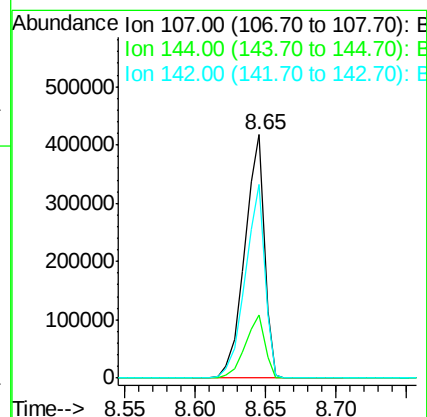
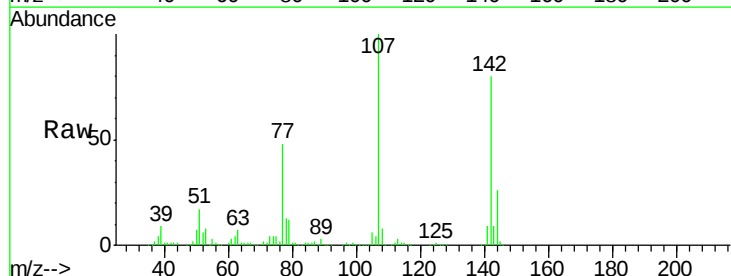
RT: 8.65 min Scan# 1115

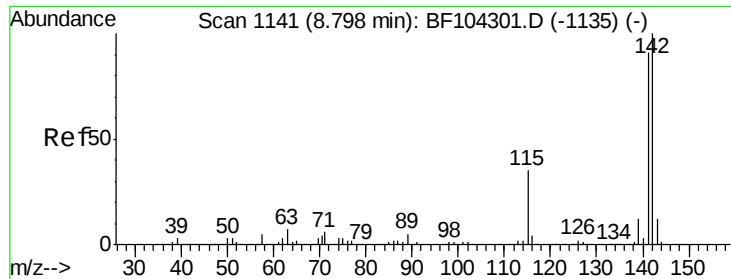
Delta R.T. 0.01 min

Lab File: BF104372.D

Acq: 9 Apr 2018 15:17

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.8	20.5	30.7
142	79.7	62.0	93.0





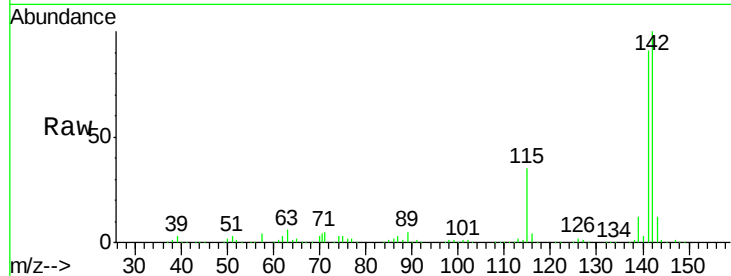
#37
2-Methylnaphthalene
Concen: 44.551 ng
RT: 8.80 min Scan# 1142
Delta R.T. 0.01 min
Lab File: BF104372.D
Acq: 9 Apr 2018 15:17

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-004-ABCDMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.2	70.8	106.2
115	35.2	26.1	39.1

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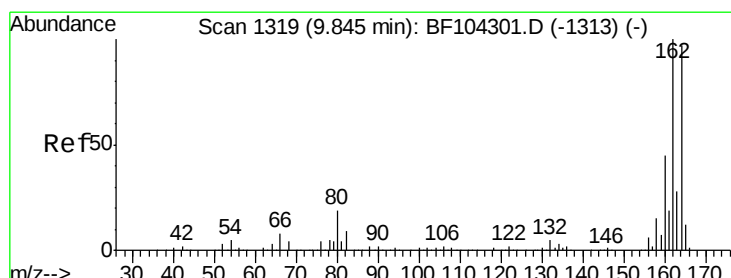
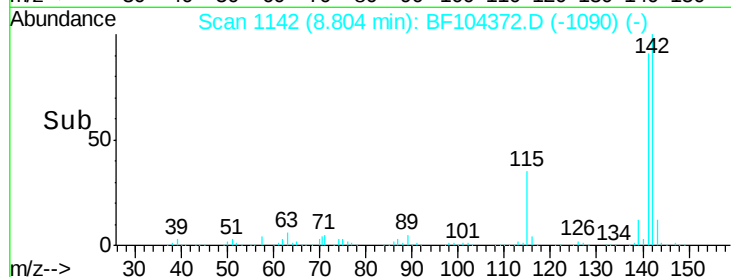
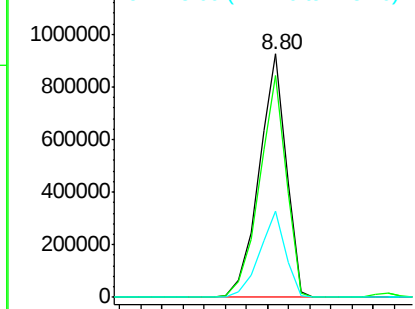


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BF104372.D
Acq: 9 Apr 2018 15:17

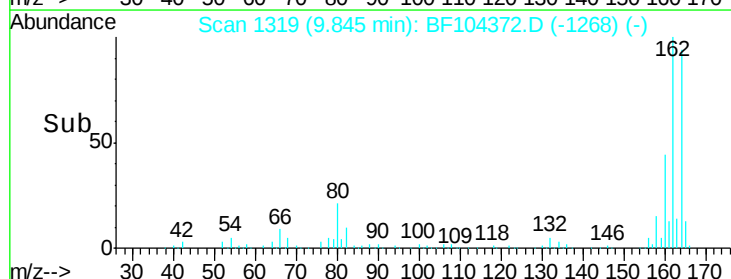
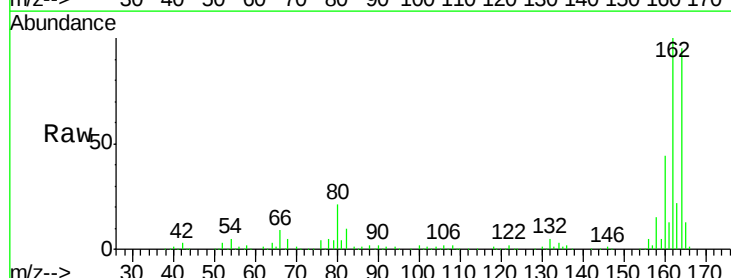
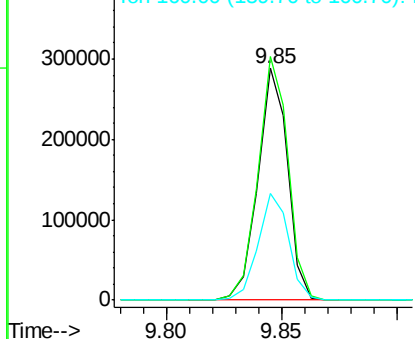
Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.0	86.1	129.1
160	46.0	38.3	57.5

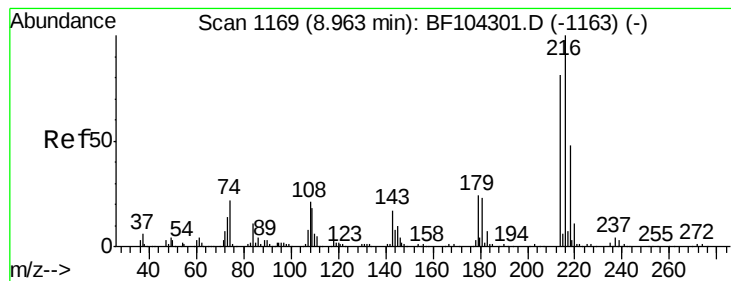
Abundance

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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.606 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.01 min

Lab File: BF104372.D

Acq: 9 Apr 2018 15:17

Instrument :

BNA_F

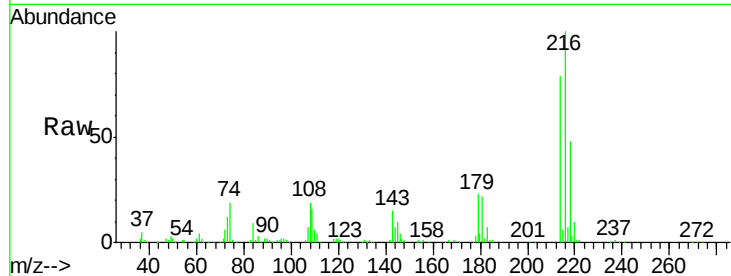
ClientSampleId :

FK-BPM-02-004-ABCDMSD

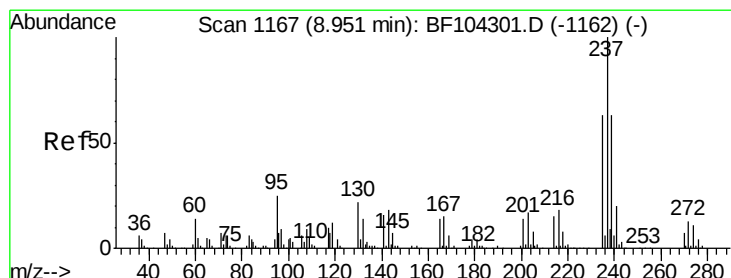
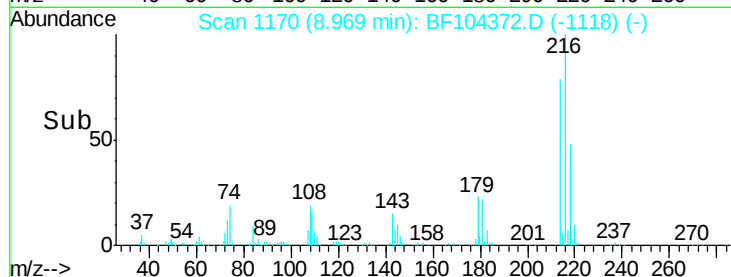
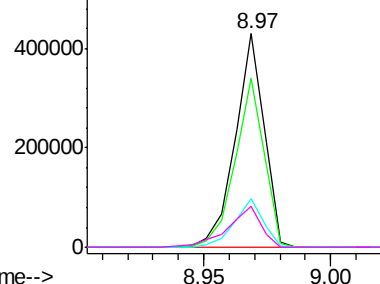
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	79.4		63.0	94.4	
179	22.7		18.1	27.1	
108	21.7		17.2	25.8	

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Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 67.009 ng

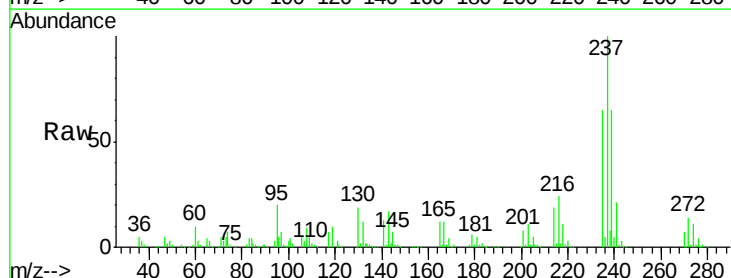
RT: 8.96 min Scan# 1168

Delta R.T. 0.01 min

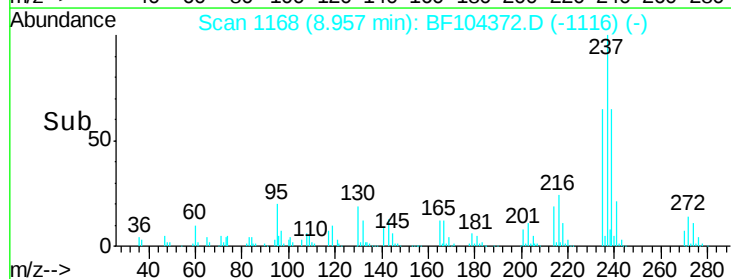
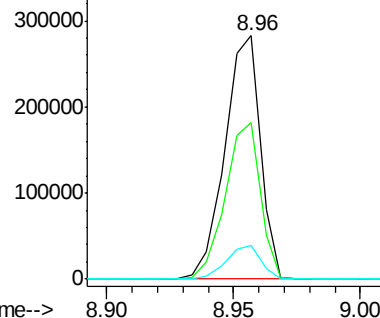
Lab File: BF104372.D

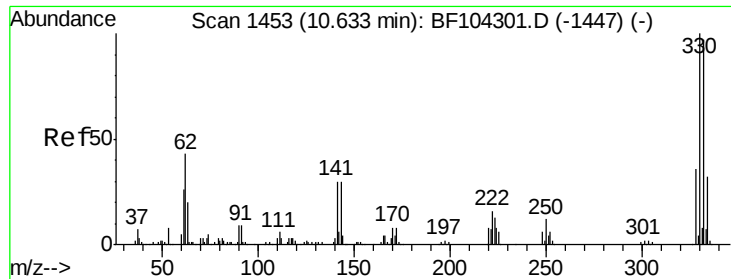
Acq: 9 Apr 2018 15:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	64.5		44.8	84.8	
272	13.6		0.0	33.3	



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 133.751 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.01 min

Lab File: BF104372.D

Acq: 9 Apr 2018 15:17

Instrument :

BNA_F

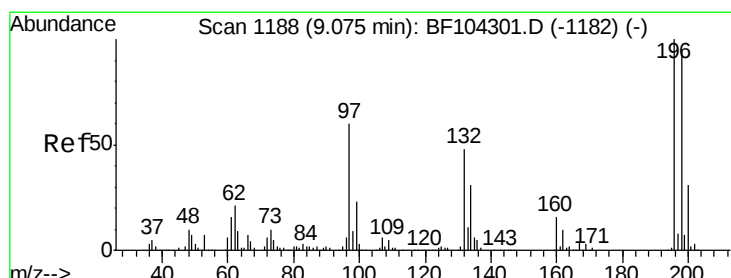
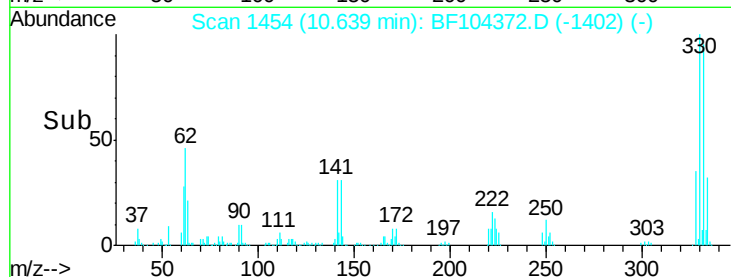
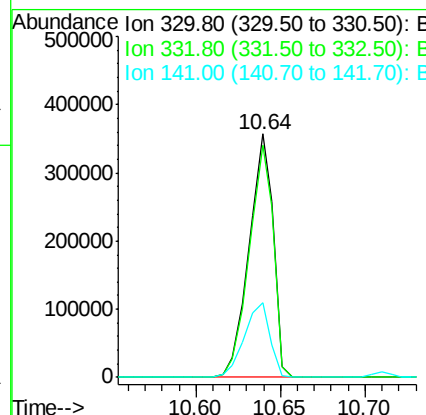
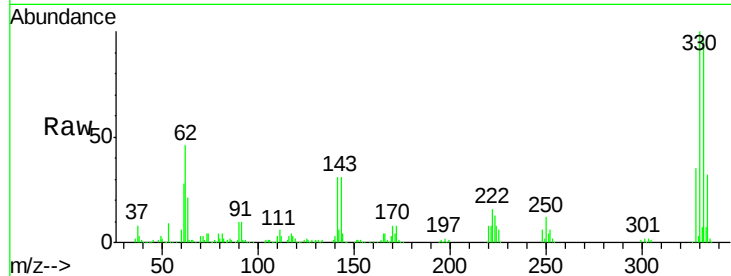
ClientSampleId :

FK-BPM-02-004-ABCDMSD

Tot Ion:	330	Resp:	358126
Ion Ratio	Lower	Upper	
330	100		
332	95.9	77.0	115.6
141	32.3	29.9	44.9

Manual Integrations
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#42

2,4,6-Trichlorophenol

Concen: 50.701 ng

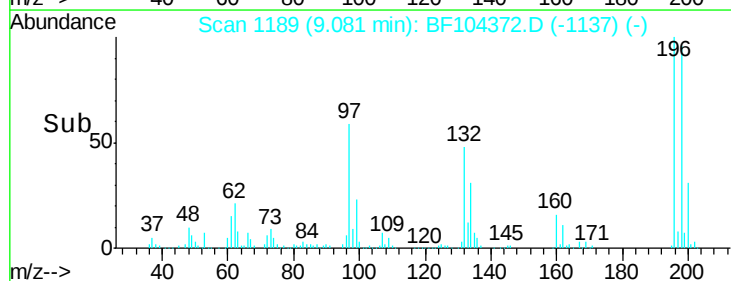
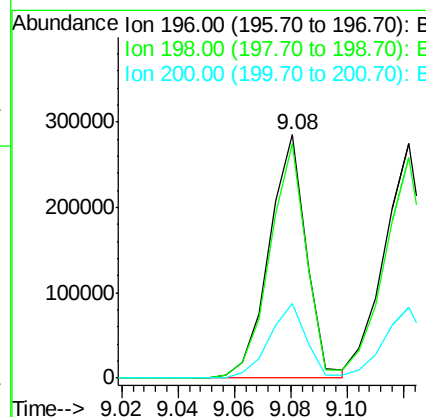
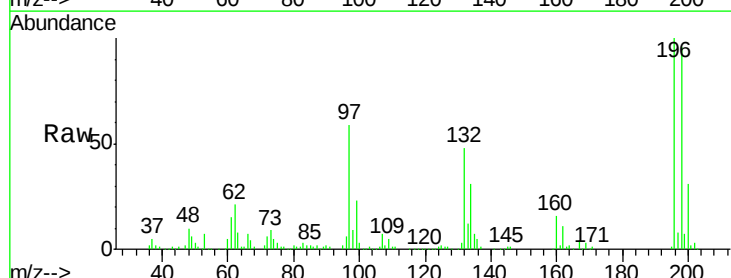
RT: 9.08 min Scan# 1189

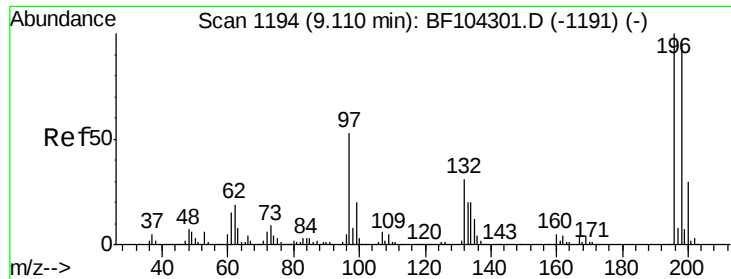
Delta R.T. 0.01 min

Lab File: BF104372.D

Acq: 9 Apr 2018 15:17

Tgt Ion:	196	Resp:	260058
Ion Ratio	Lower	Upper	
196	100		
198	96.3	75.7	113.5
200	30.8	24.5	36.7





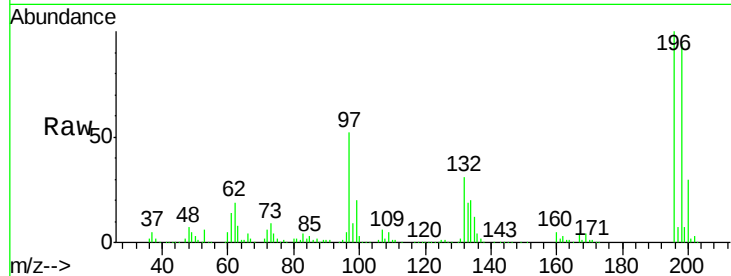
#43
 2,4,5-Trichlorophenol
 Concen: 47.695 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.01 min
 Lab File: BF104372.D
 Acq: 9 Apr 2018 15:17

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-004-ABCDMSD

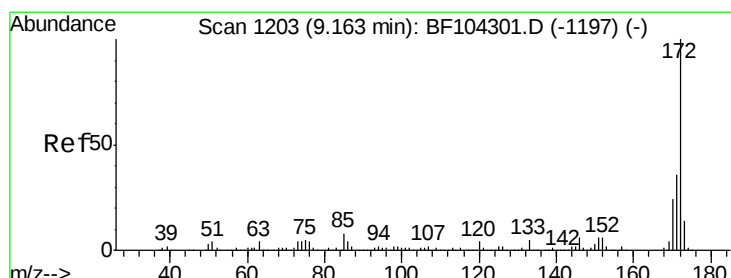
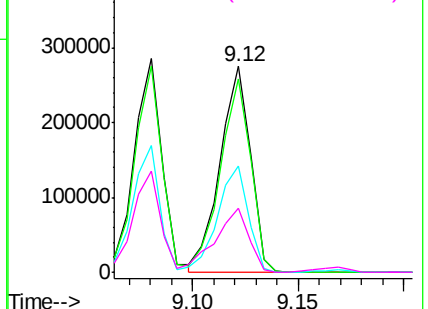
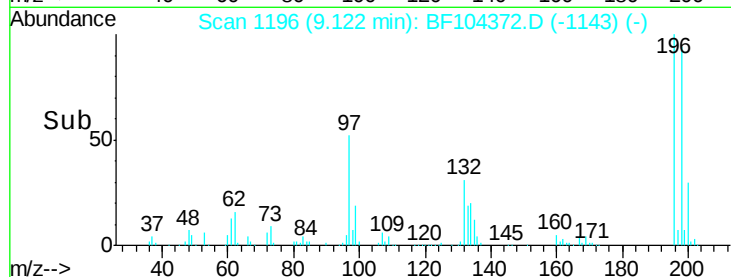
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		273761		
198	93.8	74.6	112.0		
97	51.8	42.9	64.3		
132	31.0	26.3	39.5		

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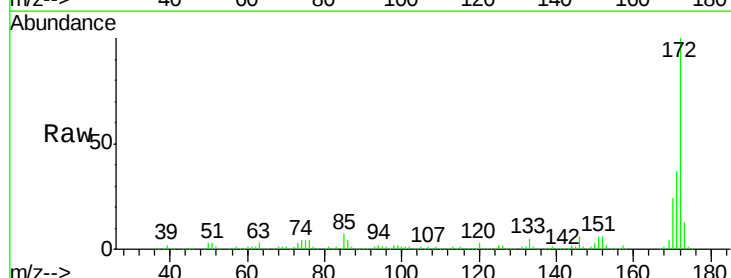


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

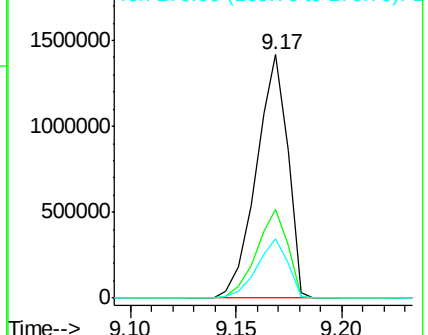
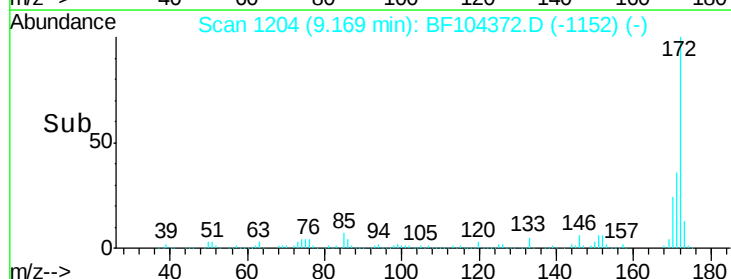


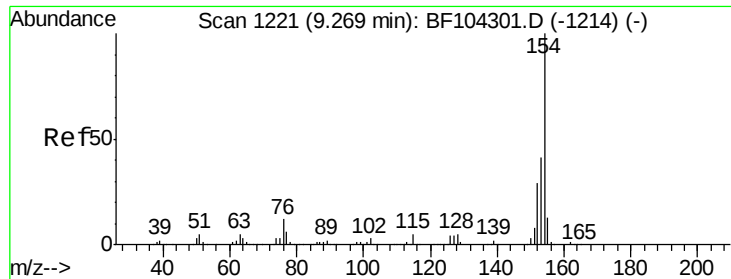
#44
 2-Fluorobiphenyl
 Concen: 89.491 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: BF104372.D
 Acq: 9 Apr 2018 15:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1462223		
171	36.6	29.7	44.5		
170	24.5	19.6	29.4		



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





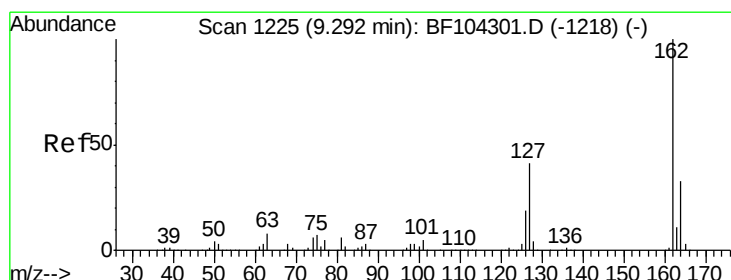
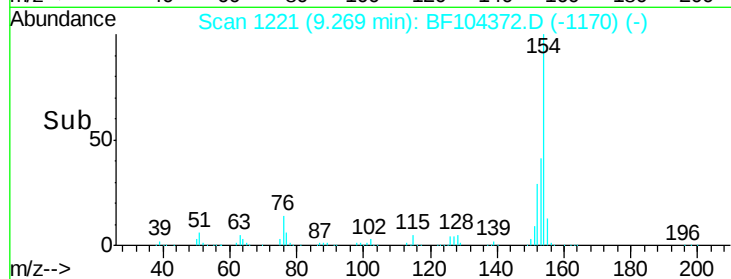
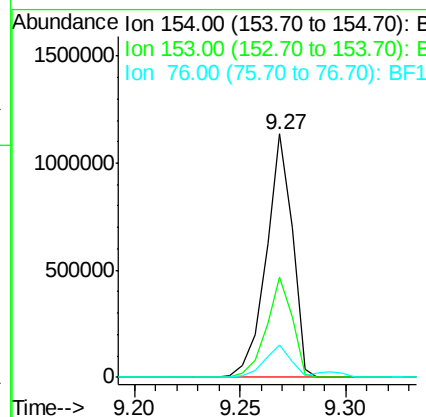
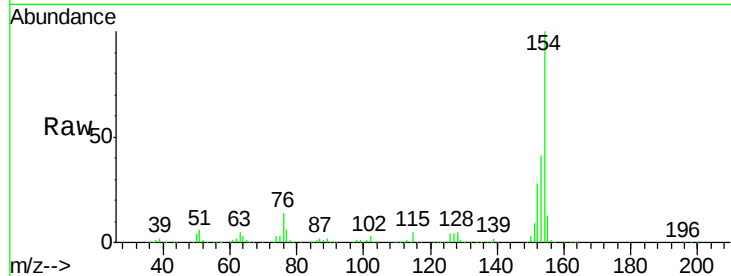
#45
 1,1'-Biphenyl
 Concen: 44.900 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.00 min
 Lab File: BF104372.D
 Acq: 9 Apr 2018 15:17

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-004-ABCDMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
154	100				
153	41.1	21.3	61.3		
76	13.6	0.0	34.0		

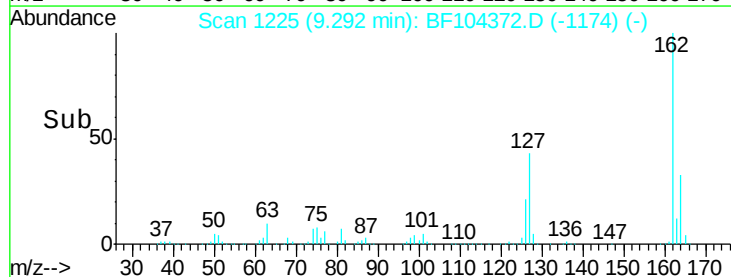
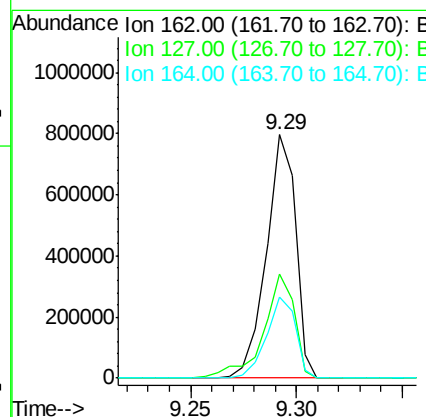
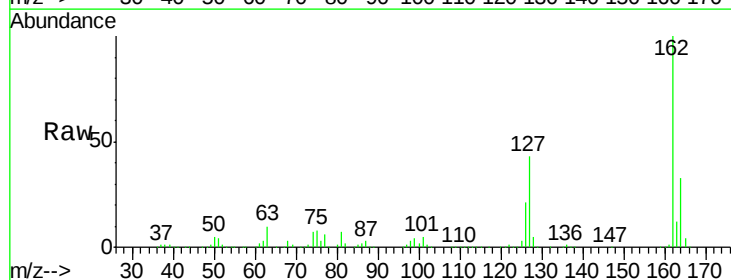
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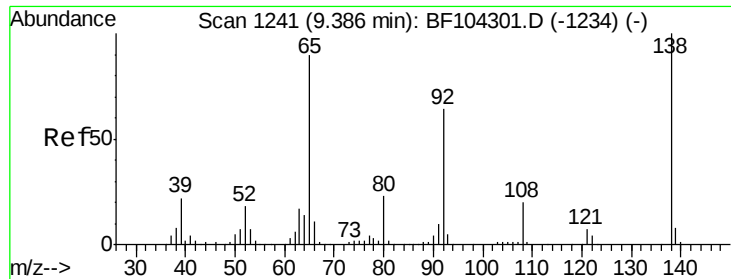
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 4/10/2018 12:00:18 PM



#46
 2-Chloronaphthalene
 Concen: 44.785 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: BF104372.D
 Acq: 9 Apr 2018 15:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	43.0	33.9	50.9		
164	33.1	26.5	39.7		





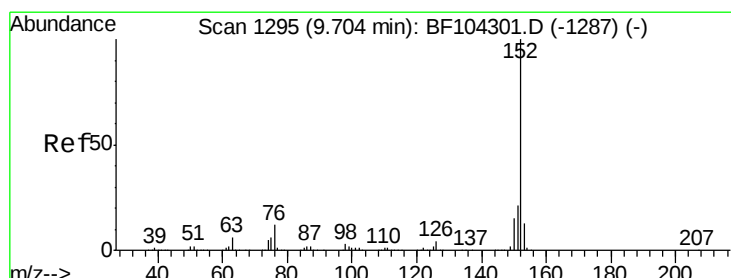
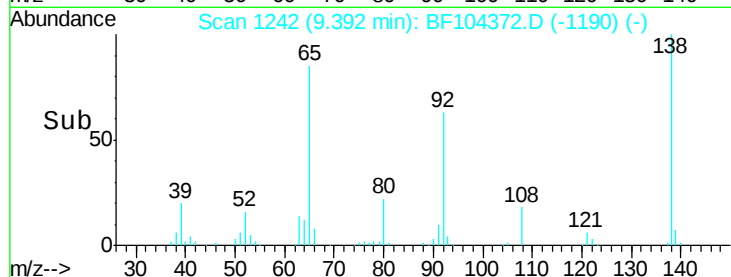
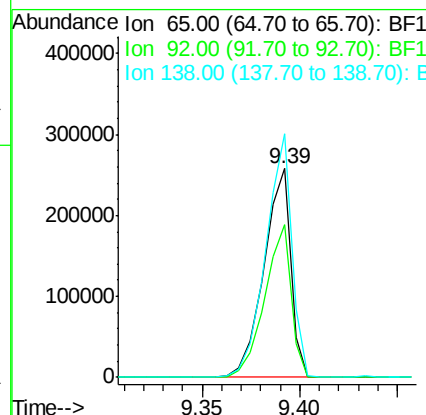
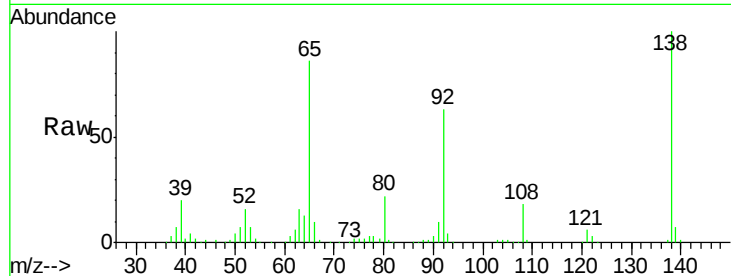
#47
 2-Nitroaniline
 Concen: 58.198 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. 0.01 min
 Lab File: BF104372.D
 Acq: 9 Apr 2018 15:17

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-004-ABCDMSD

Tot Ion:	65	Resp:	246504
Ion Ratio	Lower	Upper	
65	100		
92	72.9	55.8	83.6
138	116.5	91.2	136.8

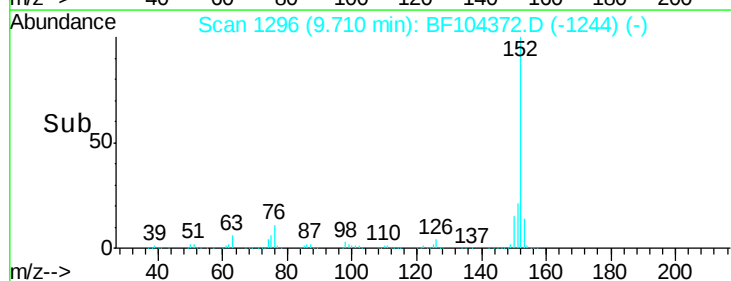
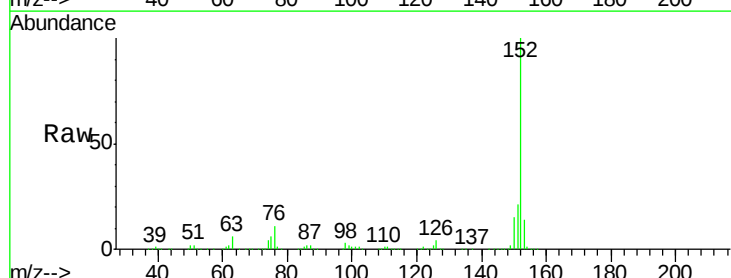
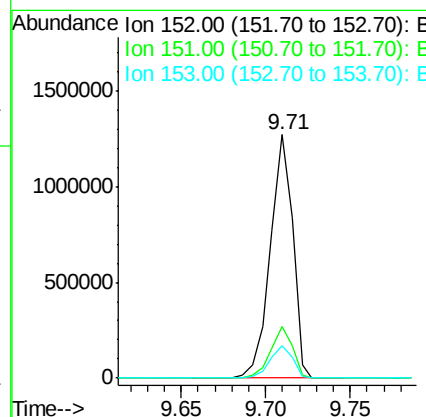
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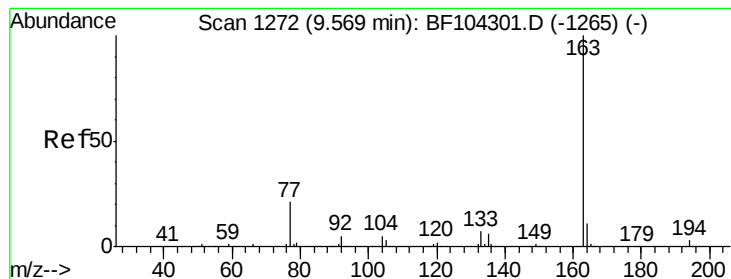
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#48
 Acenaphthylene
 Concen: 43.542 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. 0.01 min
 Lab File: BF104372.D
 Acq: 9 Apr 2018 15:17

Tgt Ion:	152	Resp:	1170096
Ion Ratio	Lower	Upper	
152	100		
151	20.9	16.3	24.5
153	13.5	10.7	16.1





#49

Dimethylphthalate

Concen: 49.869 ng

RT: 9.57 min Scan# 1273

Delta R.T. 0.01 min

Lab File: BF104372.D

Acq: 9 Apr 2018 15:17

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-004-ABCDMSD

Tot Ion:163 Resp: 1015063

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

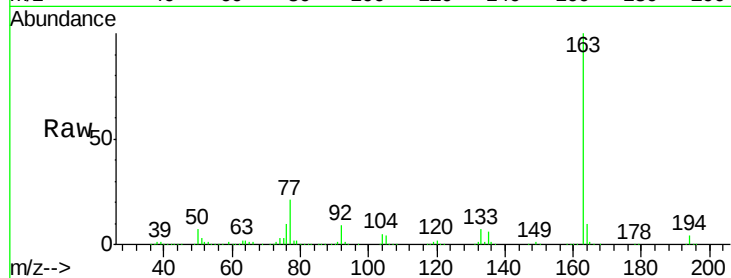
164 10.5 8.2 12.2

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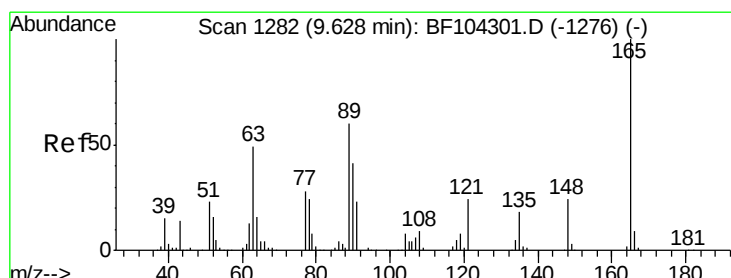
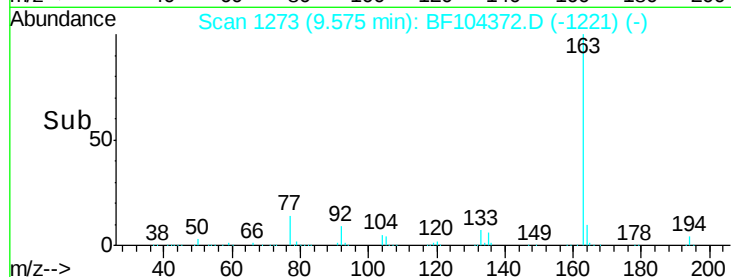
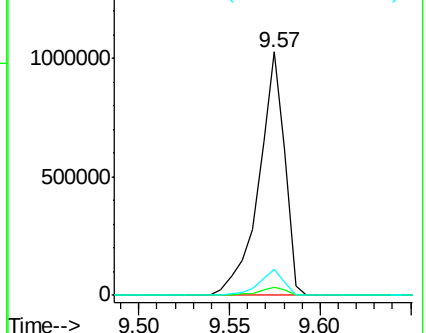
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 56.110 ng

RT: 9.63 min Scan# 1283

Delta R.T. 0.01 min

Lab File: BF104372.D

Acq: 9 Apr 2018 15:17

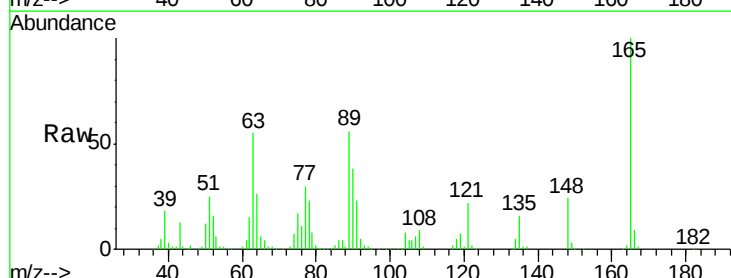
Tgt Ion:165 Resp: 211334

Ion Ratio Lower Upper

165 100

63 54.8 44.7 67.1

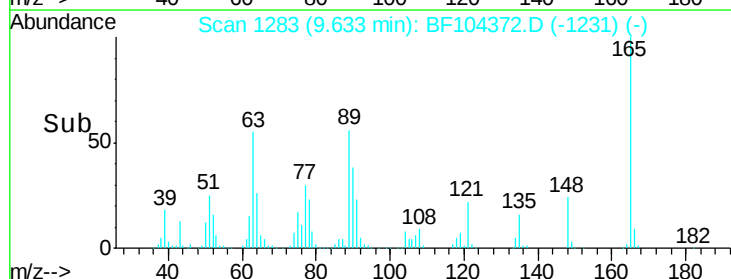
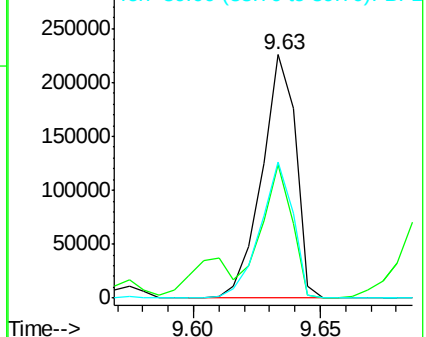
89 55.6 44.0 66.0

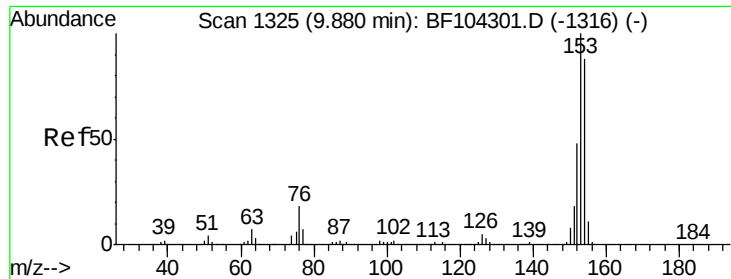


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 42.808 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF104372.D

Acq: 9 Apr 2018 15:17

Instrument :

BNA_F

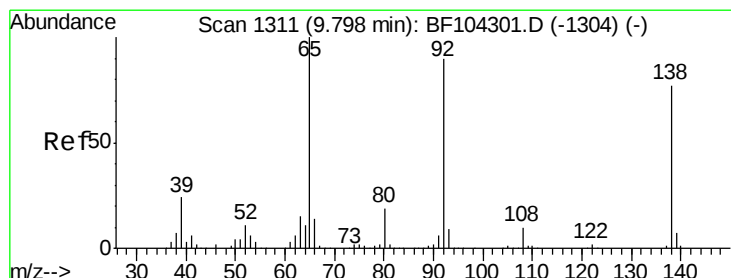
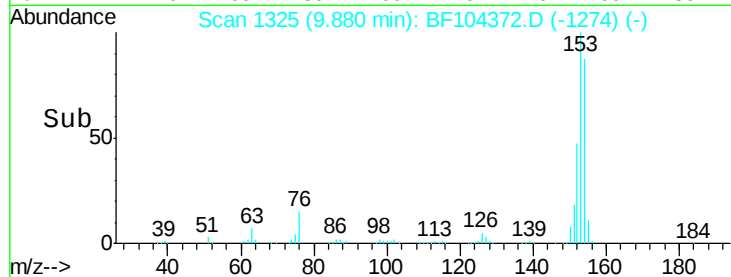
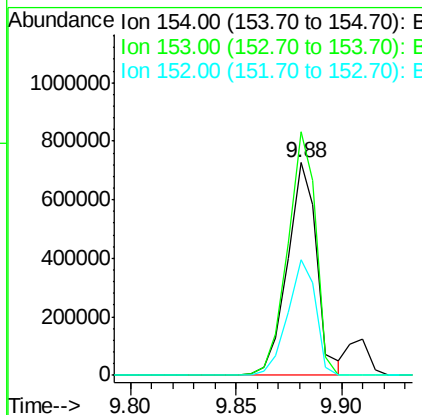
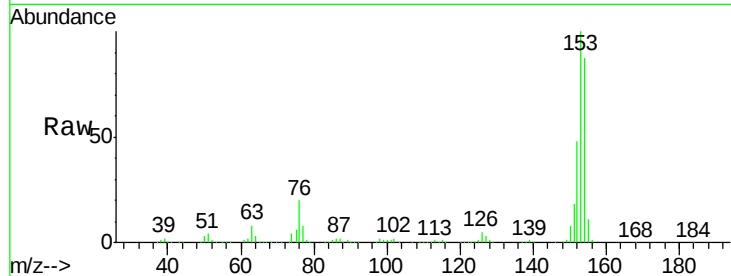
ClientSampleId :

FK-BPM-02-004-ABCDMSD

Tot Ion:	154	Resp:	701880
Ion Ratio	Lower	Upper	
154	100		
153	114.7	91.2	136.8
152	54.5	43.8	65.8

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#52

3-Nitroaniline

Concen: 34.061 ng

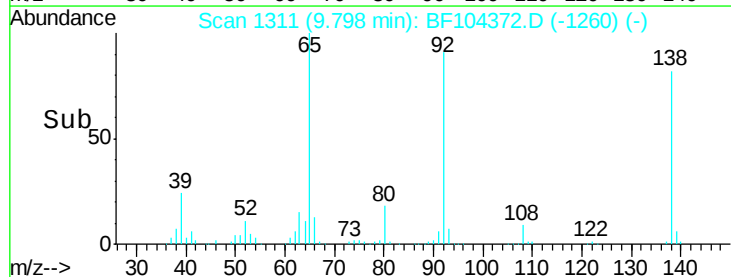
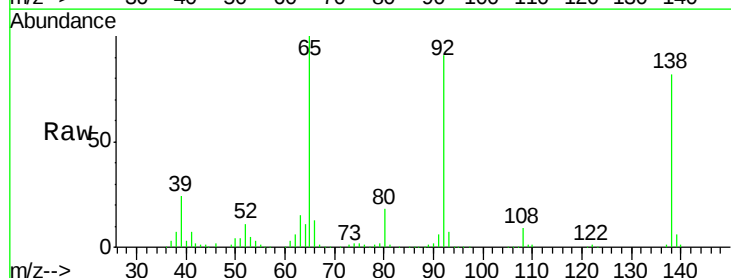
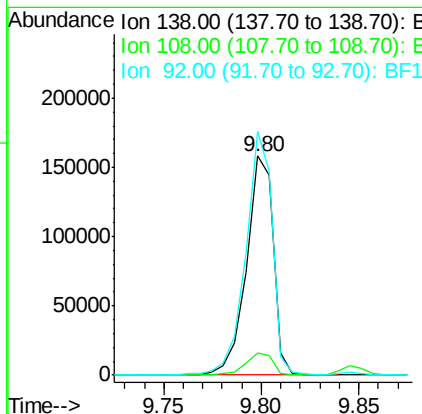
RT: 9.80 min Scan# 1311

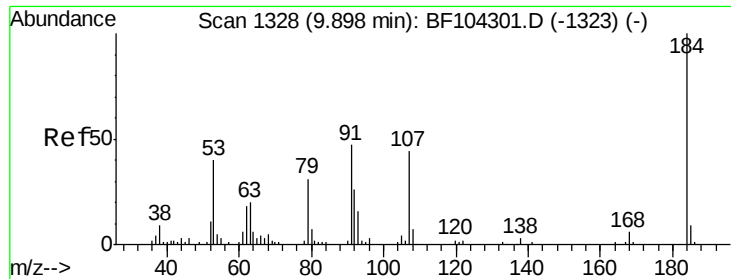
Delta R.T. -0.00 min

Lab File: BF104372.D

Acq: 9 Apr 2018 15:17

Tgt Ion:	138	Resp:	150189
Ion Ratio	Lower	Upper	
138	100		
108	10.4	9.4	14.0
92	111.3	89.4	134.2





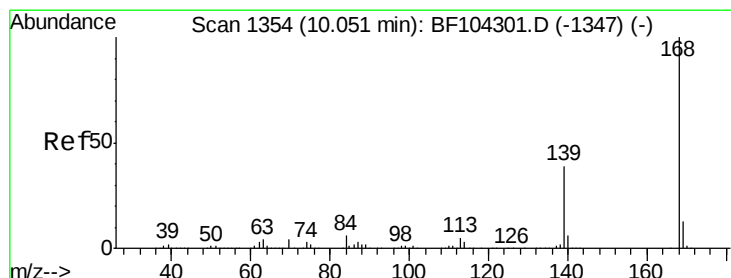
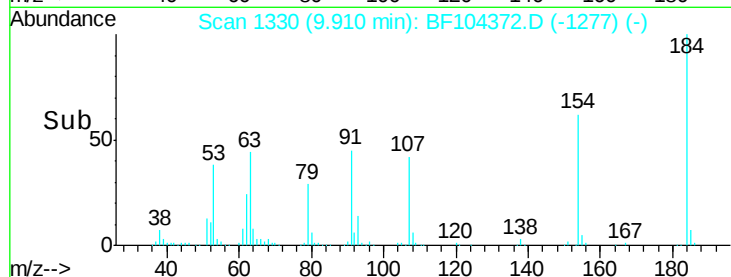
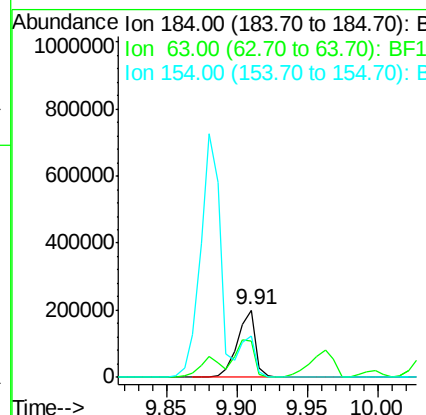
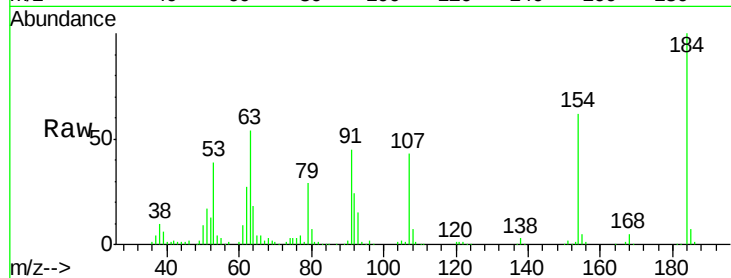
#53
 2,4-Dinitrophenol
 Concen: 100.987 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: BF104372.D
 Acq: 9 Apr 2018 15:17

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-004-ABCDMSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	54.0	54.2	81.2#
154	61.8	184.0	276.0#

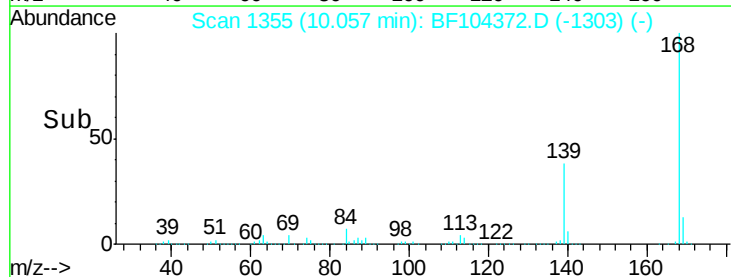
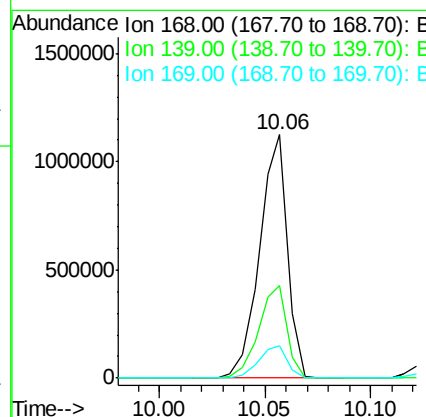
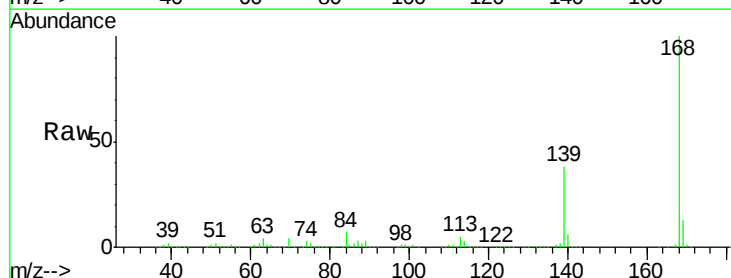
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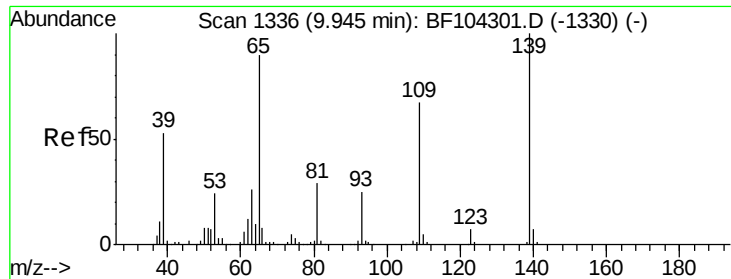
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#54
 Dibenzofuran
 Concen: 45.099 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. 0.01 min
 Lab File: BF104372.D
 Acq: 9 Apr 2018 15:17

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.8	30.1	45.1
169	13.2	10.9	16.3





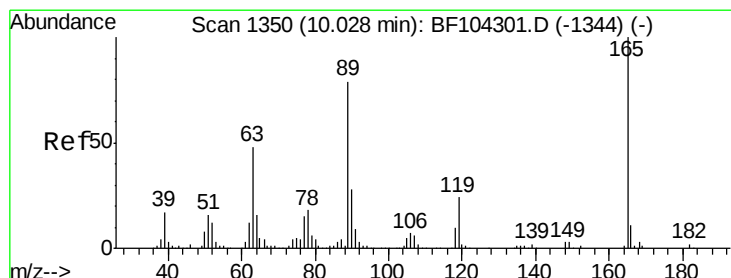
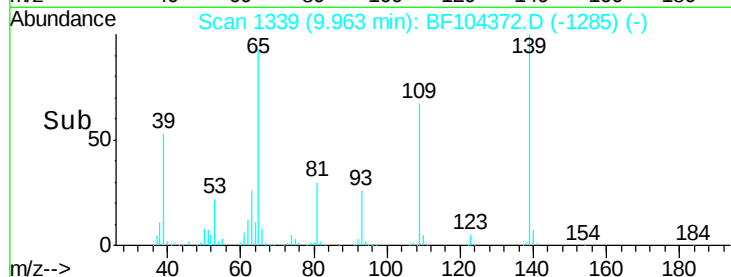
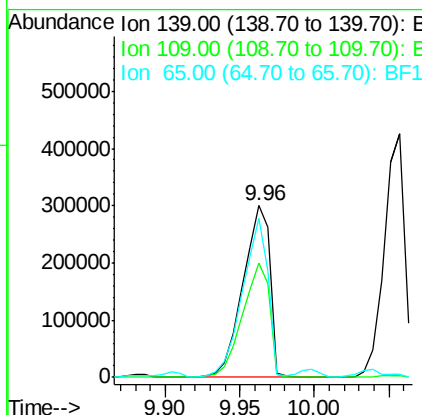
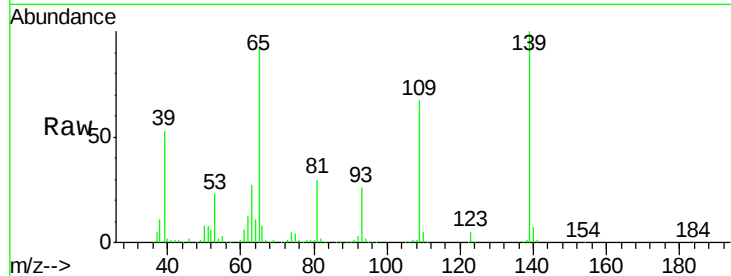
#55
4-Nitrophenol
Concen: 108.699 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.02 min
Lab File: BF104372.D
Acq: 9 Apr 2018 15:17

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-004-ABCDMSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	67.0	48.4	88.4
65	92.8	72.6	112.6

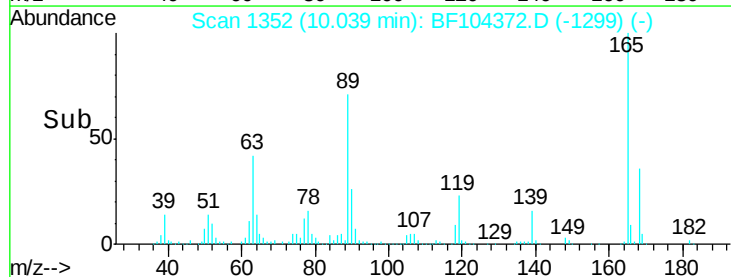
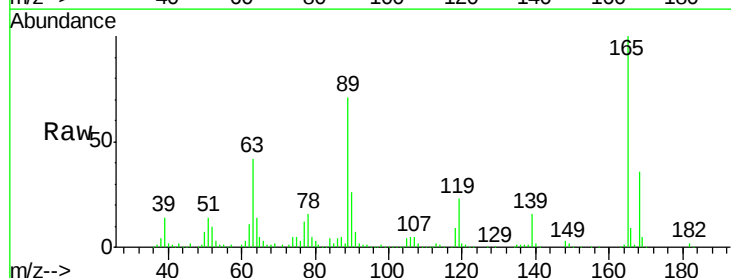
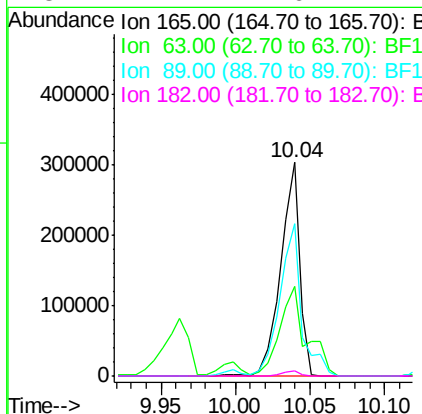
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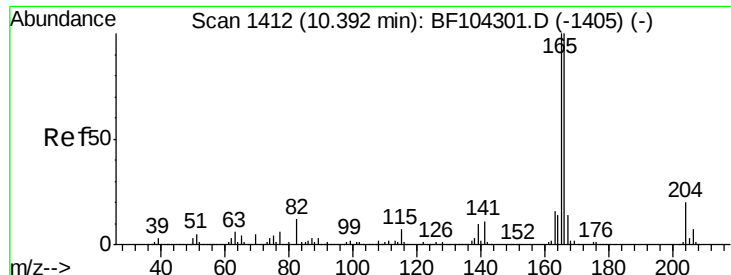
Sohil
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#56
2,4-Dinitrotoluene
Concen: 55.359 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF104372.D
Acq: 9 Apr 2018 15:17

Tgt Ion	Ratio	Lower	Upper
165	100		
63	41.8	36.4	54.6
89	71.0	57.8	86.6
182	2.4	1.6	2.4





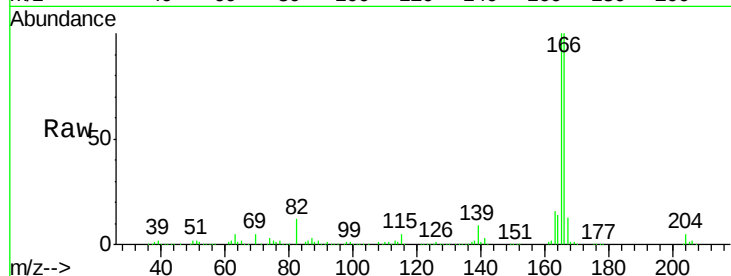
#57
Fluorene
 Concen: 45.158 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. 0.01 min
 Lab File: BF104372.D
 Acq: 9 Apr 2018 15:17

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-004-ABCDMSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.7	79.8	119.8
167	13.3	10.6	16.0

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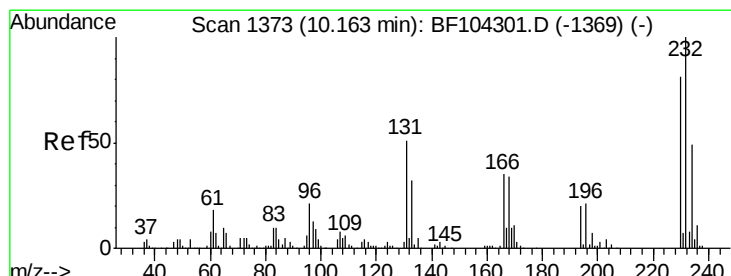
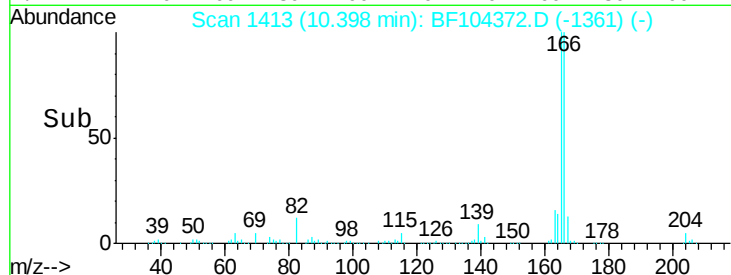
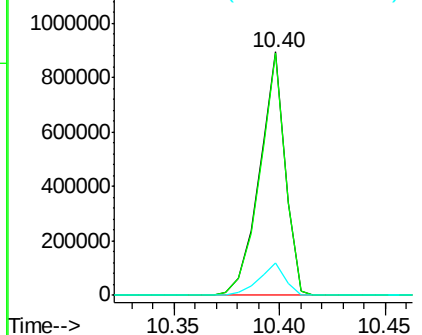


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58
2,3,4,6-Tetrachlorophenol
 Concen: 49.726 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. 0.01 min
 Lab File: BF104372.D
 Acq: 9 Apr 2018 15:17

Tgt Ion	Ratio	Lower	Upper
232	100		
131	49.9	43.8	65.8
130	2.5	2.1	3.1
166	33.9	27.8	41.6

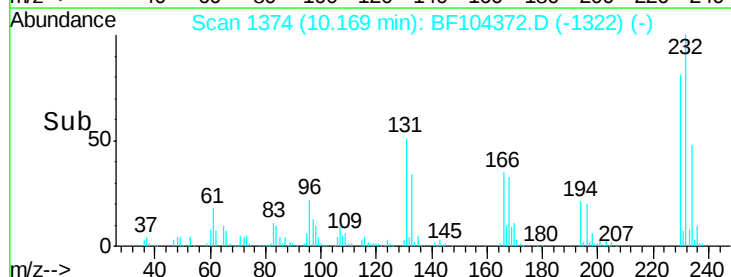
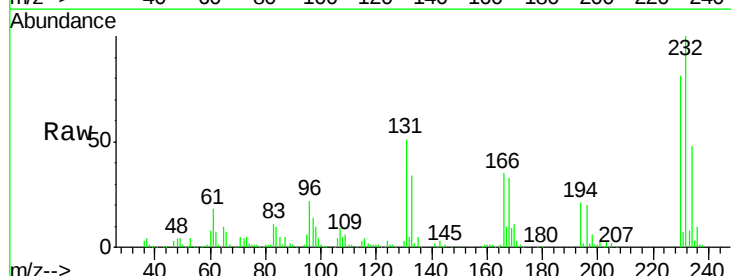
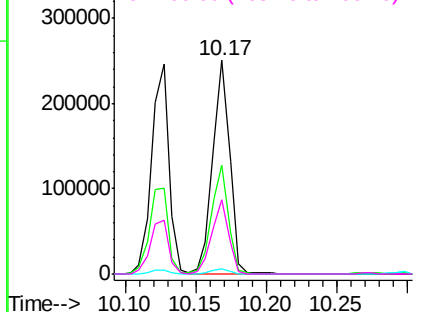
Abundance

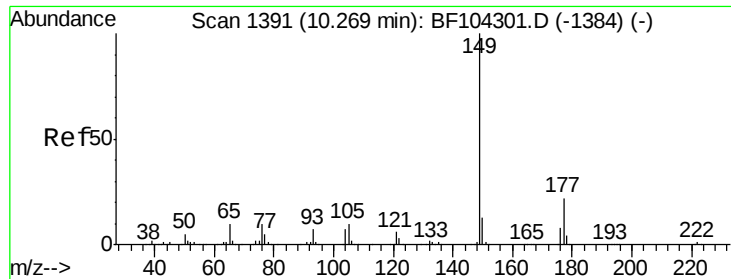
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





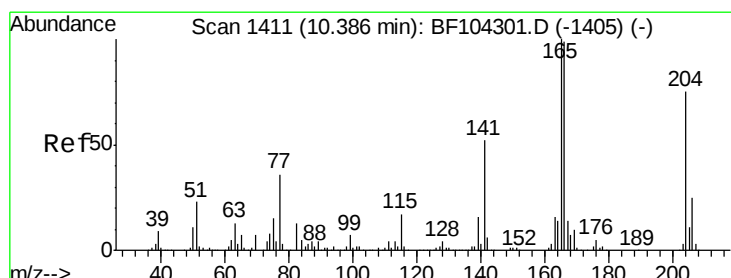
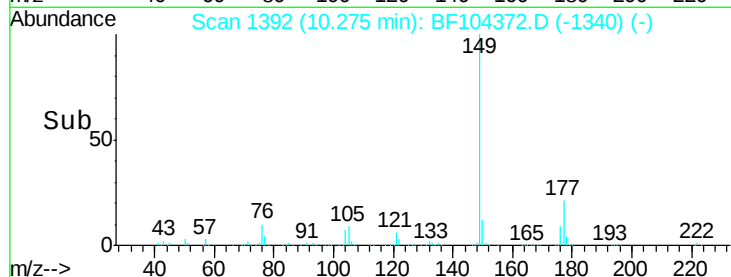
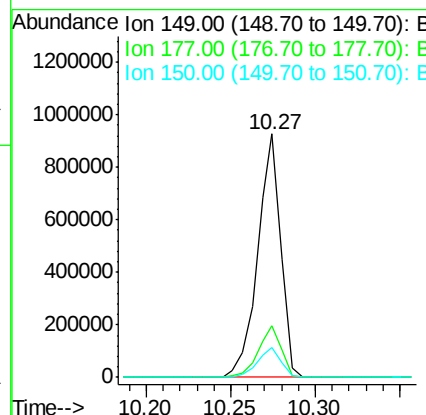
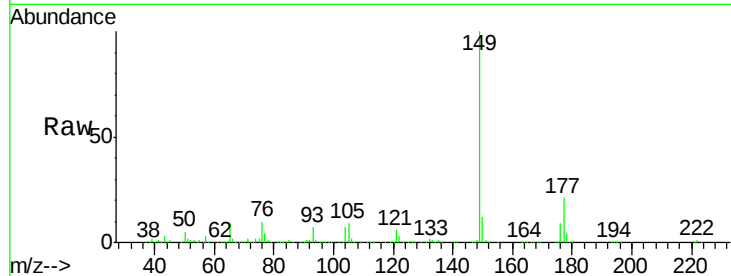
#59
Diethylphthalate
Concen: 43.413 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.01 min
Lab File: BF104372.D
Acq: 9 Apr 2018 15:17

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-004-ABCDMSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.4	16.1	24.1
150	12.5	10.1	15.1

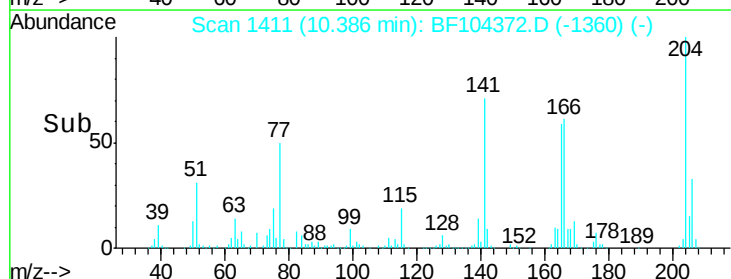
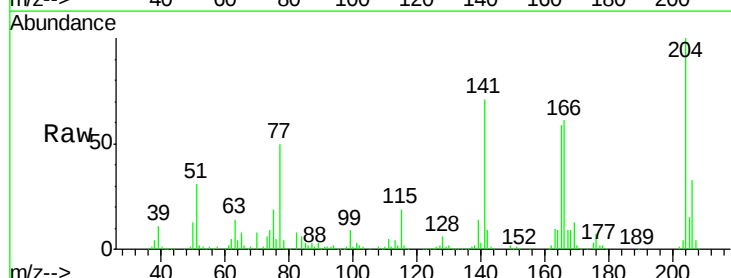
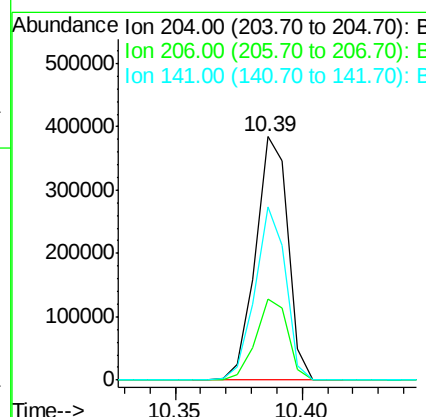
Manual Integrations
APPROVED

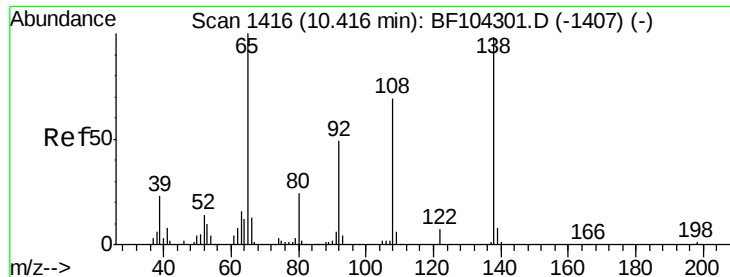
Sohil
4/10/2018 12:00:18 PM



#60
4-Chlorophenyl-phenylether
Concen: 45.997 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF104372.D
Acq: 9 Apr 2018 15:17

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.5	39.7
141	71.4	54.6	81.8





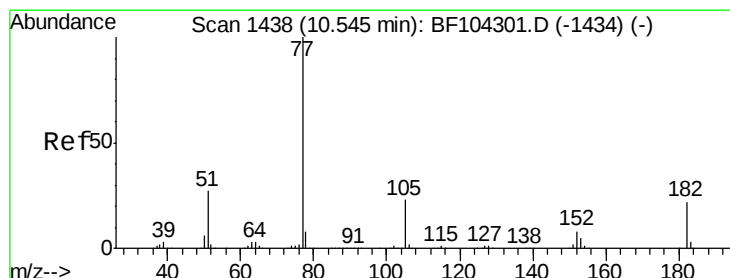
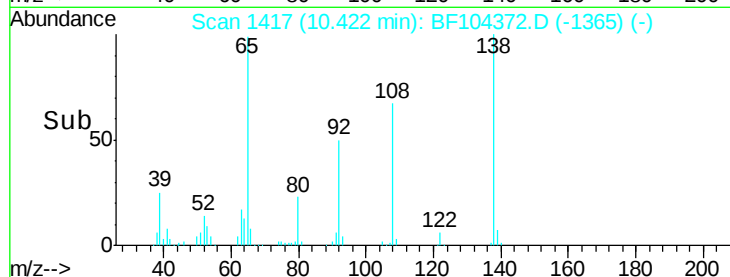
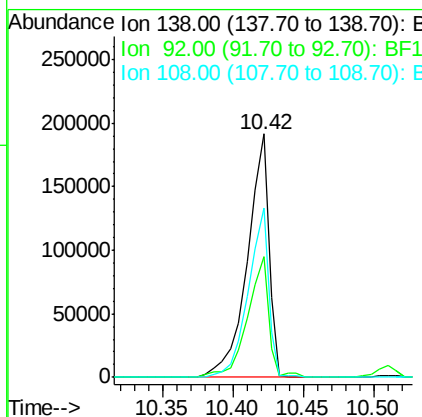
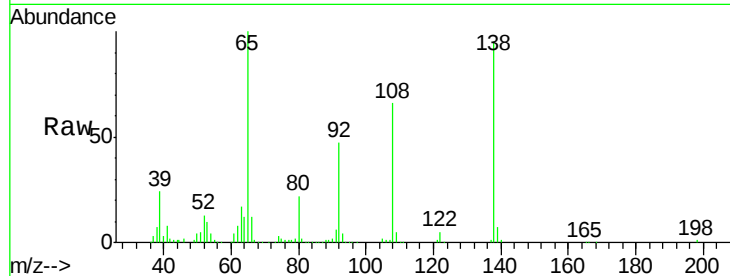
#61
4-Nitroaniline
Concen: 47.800 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.01 min
Lab File: BF104372.D
Acq: 9 Apr 2018 15:17

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-004-ABCDMSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	49.5	30.2	70.2
108	69.4	52.5	92.5

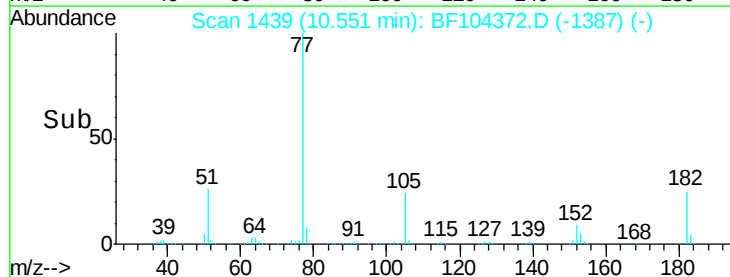
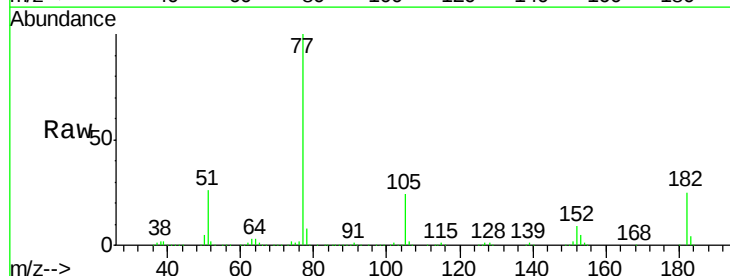
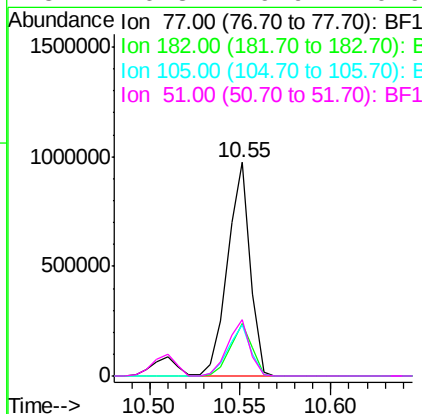
Manual Integrations
APPROVED

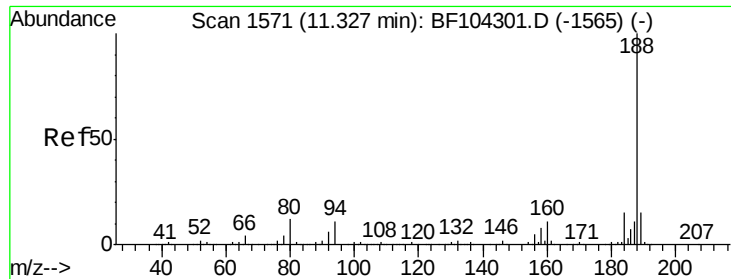
Sohil
4/10/2018 12:00:18 PM



#62
Azobenzene
Concen: 43.381 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.01 min
Lab File: BF104372.D
Acq: 9 Apr 2018 15:17

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.8	1.7	41.7
105	23.8	3.0	43.0
51	26.3	9.9	49.9





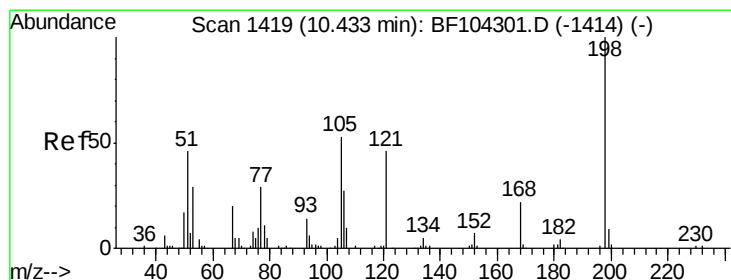
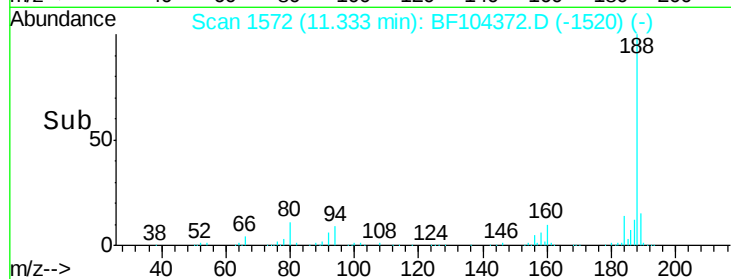
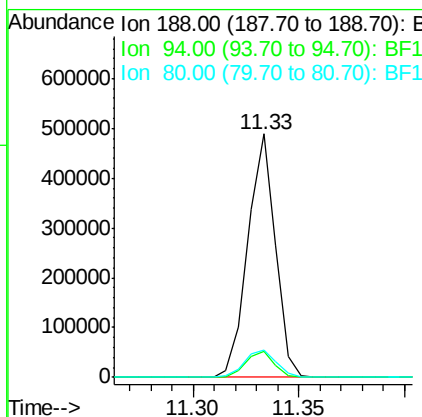
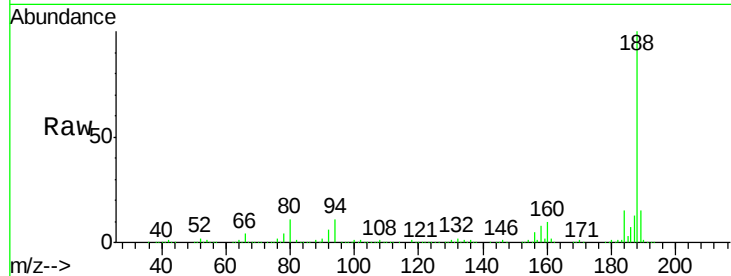
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BF104372.D
Acq: 9 Apr 2018 15:17

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-004-ABCDMSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	443077		
94	10.8		8.5	12.7
80	11.5		9.2	13.8

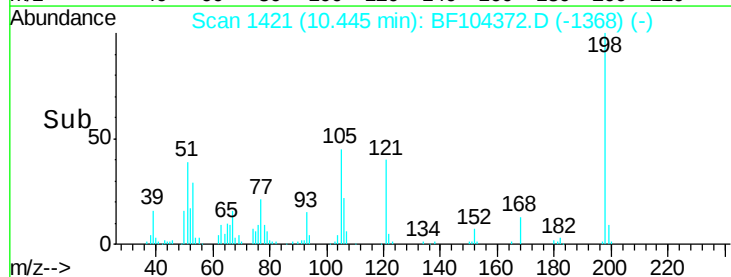
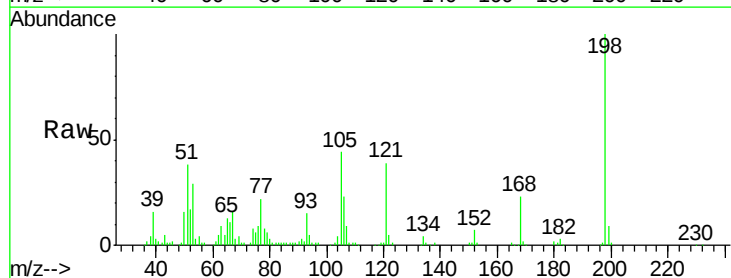
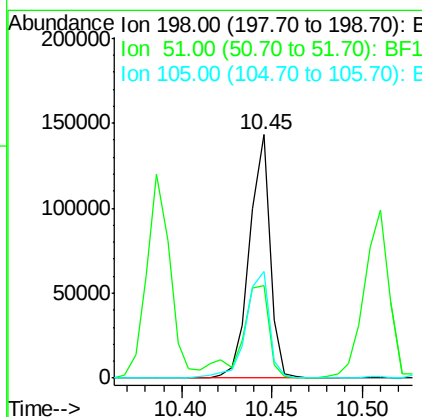
Manual Integrations
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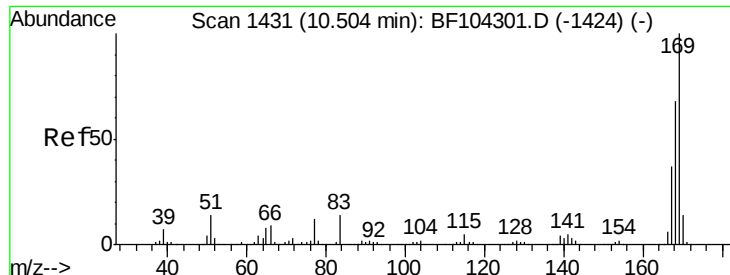
Sohil
4/10/2018 12:00:18 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 51.796 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.01 min
Lab File: BF104372.D
Acq: 9 Apr 2018 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	113250		
51	38.2		37.7	77.7
105	44.0		36.3	76.3





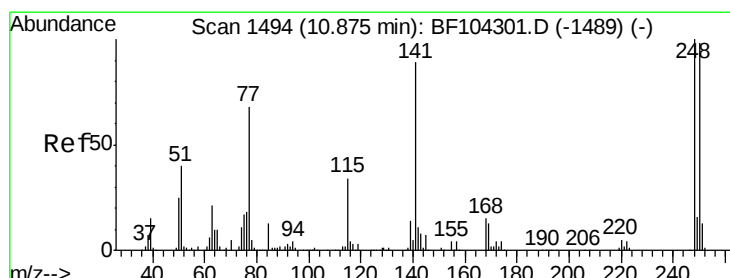
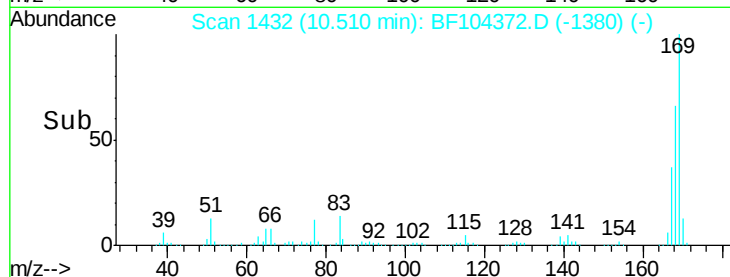
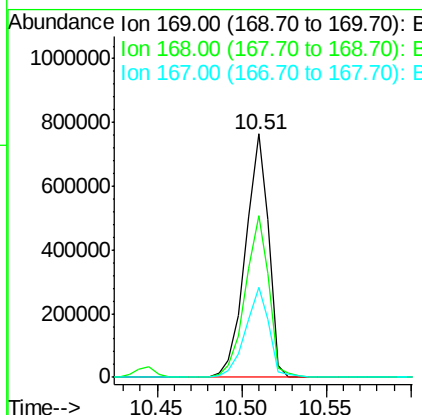
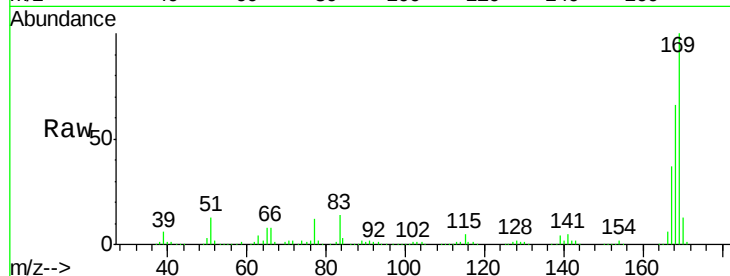
#65
n-Nitrosodiphenylamine
Concen: 47.547 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.01 min
Lab File: BF104372.D
Acq: 9 Apr 2018 15:17

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-004-ABCDMSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	66.3	54.4	81.6
167	37.0	29.8	44.6

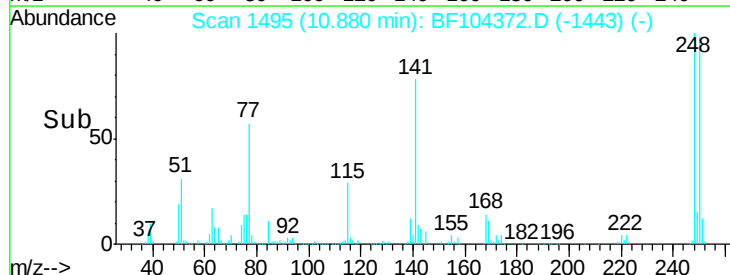
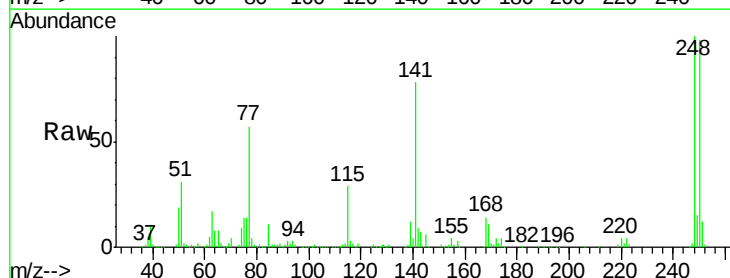
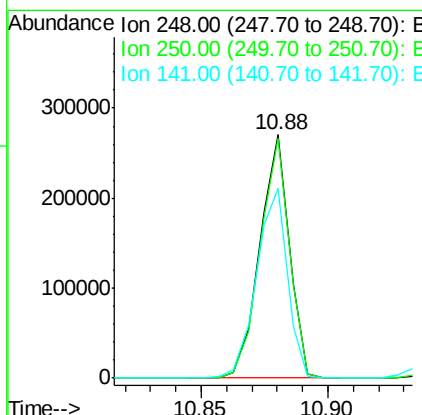
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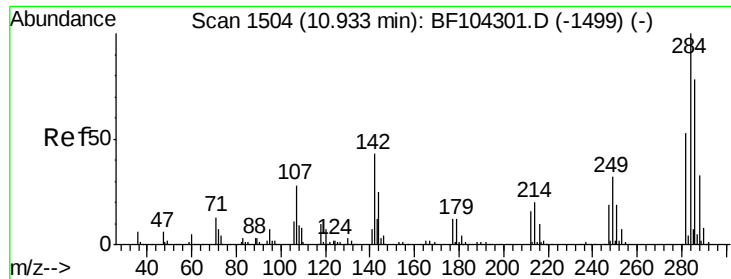
Sohil
4/10/2018 12:00:18 PM



#66
4-Bromophenyl-phenylether
Concen: 46.841 ng
RT: 10.88 min Scan# 1495
Delta R.T. 0.01 min
Lab File: BF104372.D
Acq: 9 Apr 2018 15:17

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.4	76.9	115.3
141	78.1	74.4	111.6





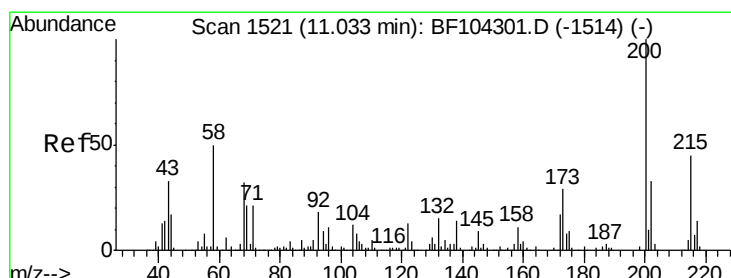
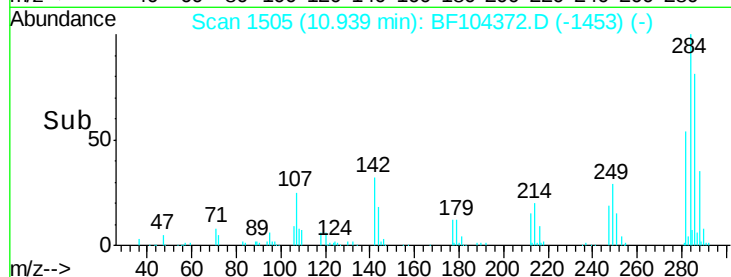
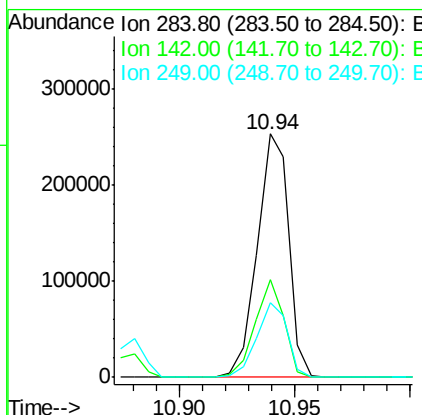
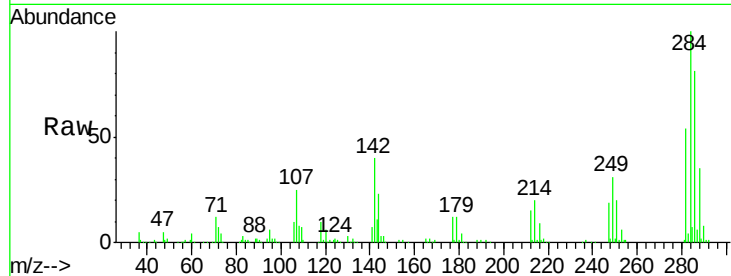
#67
Hexachlorobenzene
Concen: 45.303 ng
RT: 10.94 min Scan# 1505
Delta R.T. 0.01 min
Lab File: BF104372.D
Acq: 9 Apr 2018 15:17

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-004-ABCDMSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	240241		
142	40.1	34.6	52.0	
249	30.9	24.8	37.2	

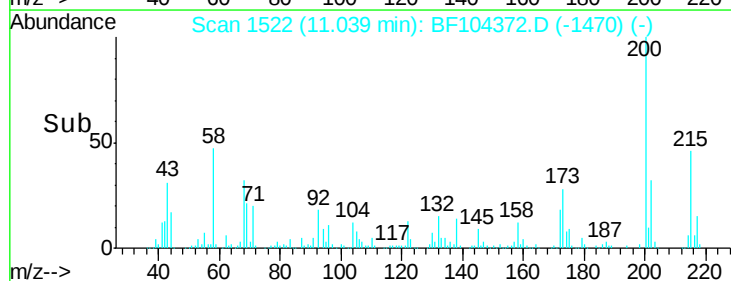
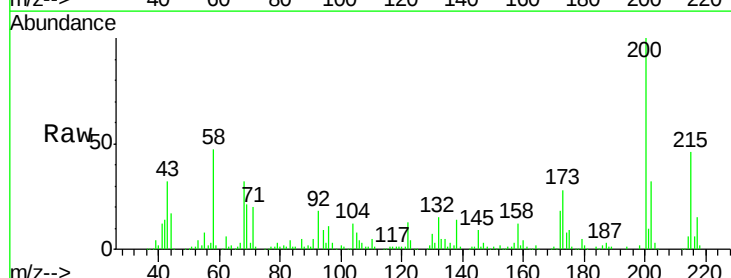
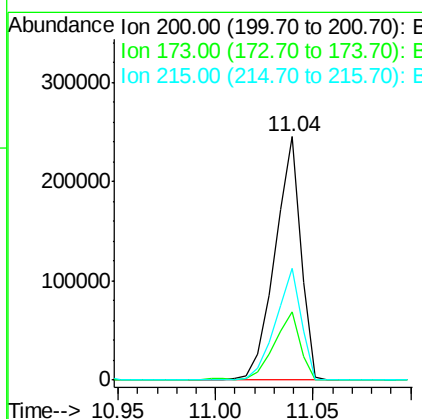
Manual Integrations
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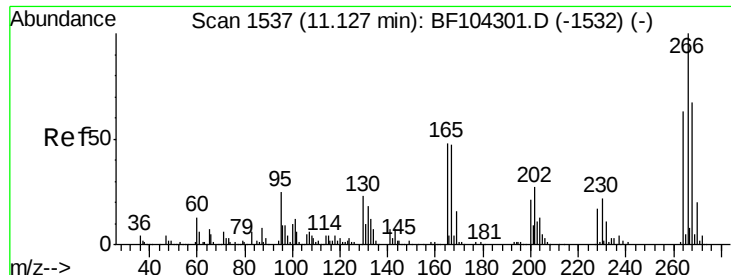
Sohil
4/10/2018 12:00:18 PM



#68
Atrazine
Concen: 48.383 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.01 min
Lab File: BF104372.D
Acq: 9 Apr 2018 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	224358		
173	28.2	8.6	48.6	
215	45.8	25.1	65.1	





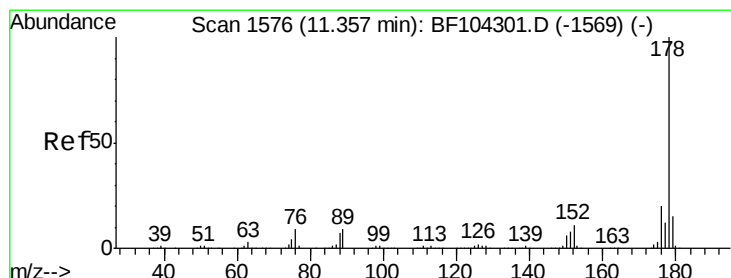
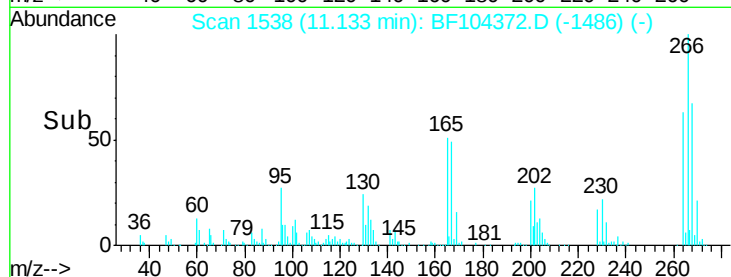
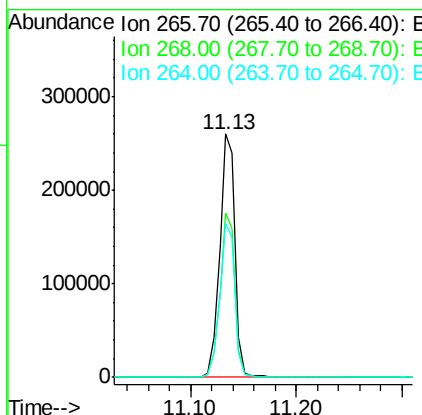
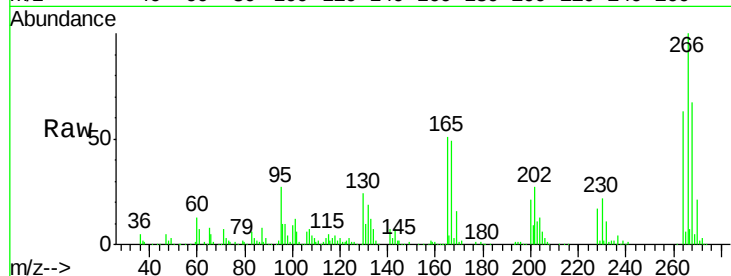
#69
 Pentachlorophenol
 Concen: 80.280 ng
 RT: 11.13 min Scan# 1538
 Delta R.T. 0.01 min
 Lab File: BF104372.D
 Acq: 9 Apr 2018 15:17

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-004-ABCDMSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	67.2	51.1	76.7
264	63.0	49.5	74.3

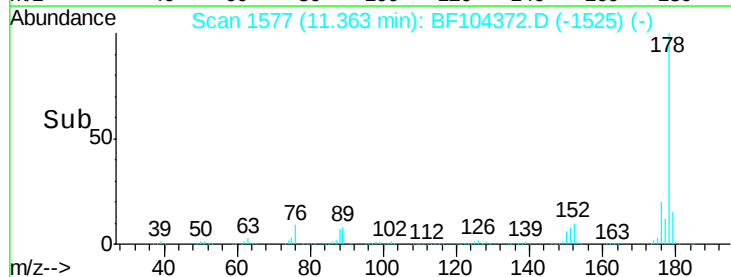
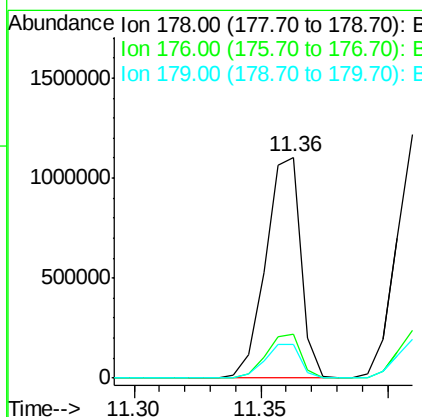
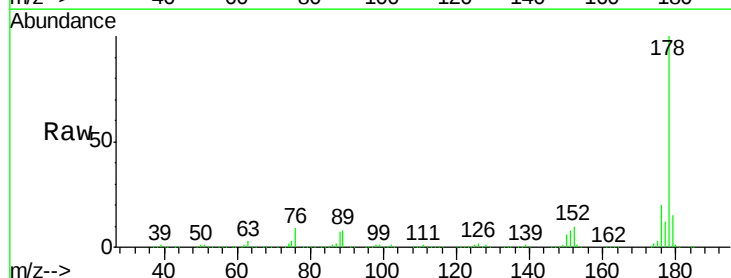
Manual Integrations
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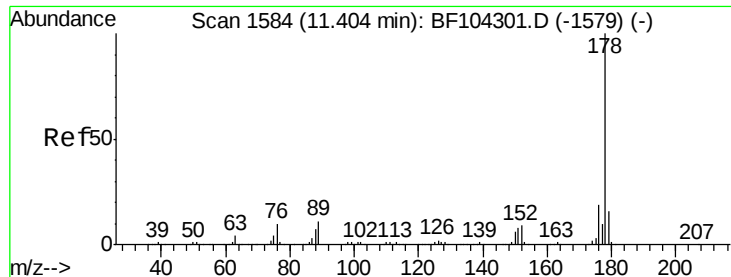
Sohil
 4/10/2018 12:00:18 PM



#70
 Phenanthrene
 Concen: 43.463 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. 0.01 min
 Lab File: BF104372.D
 Acq: 9 Apr 2018 15:17

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.4	13.0	19.6





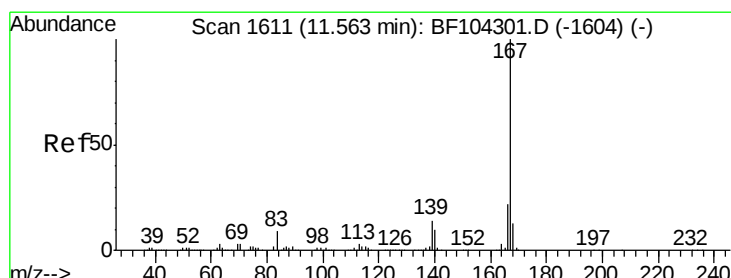
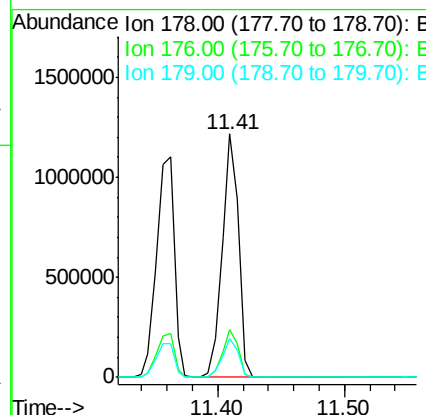
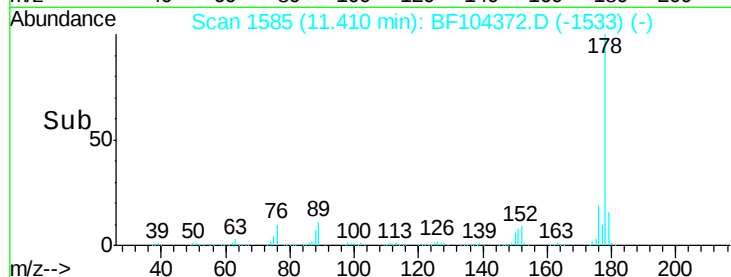
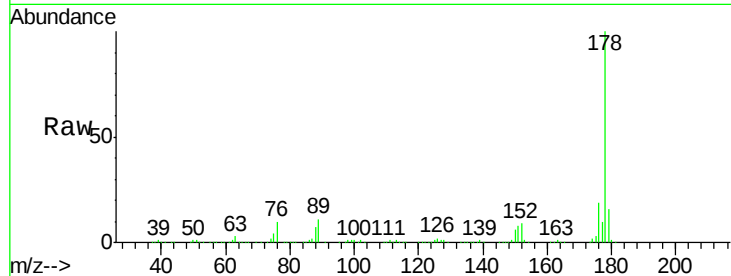
#71
 Anthracene
 Concen: 43.976 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. 0.01 min
 Lab File: BF104372.D
 Acq: 9 Apr 2018 15:17

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-004-ABCDMSD

Tot Ion:178 Resp: 1103016
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 15.8 12.6 19.0

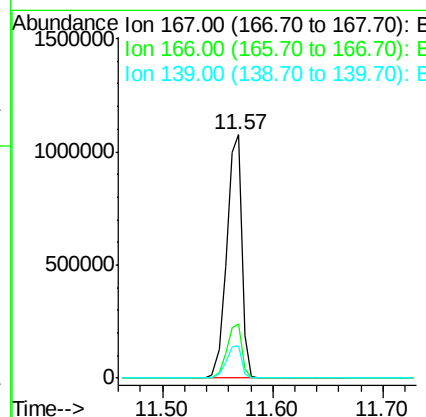
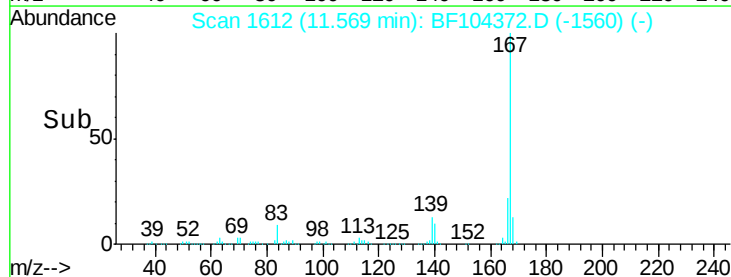
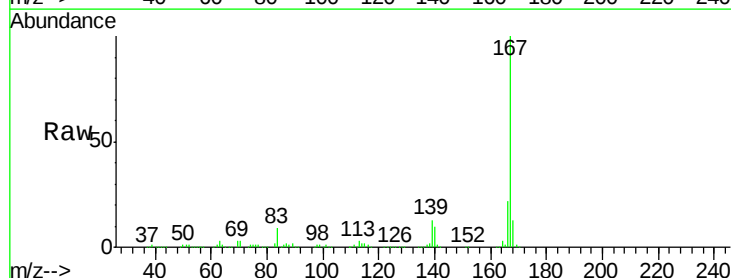
Manual Integrations
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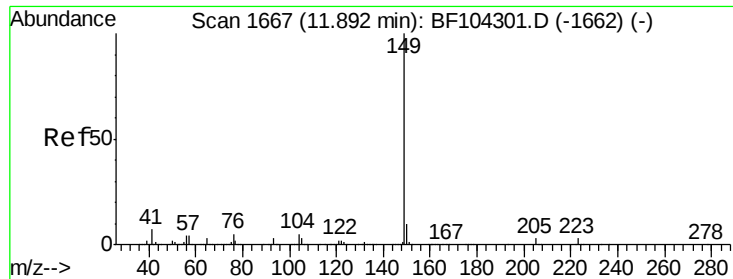
Sohil
 4/10/2018 12:00:18 PM



#72
 Carbazole
 Concen: 41.934 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.01 min
 Lab File: BF104372.D
 Acq: 9 Apr 2018 15:17

Tgt Ion:167 Resp: 1027775
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 13.1 10.9 16.3





#73

Di-n-butylphthalate

Concen: 43.435 ng

RT: 11.90 min Scan# 1668

Delta R.T. 0.01 min

Lab File: BF104372.D

Acq: 9 Apr 2018 15:17

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-004-ABCDMSD

Tot Ion:149 Resp: 1300438

Ion Ratio Lower Upper

149 100

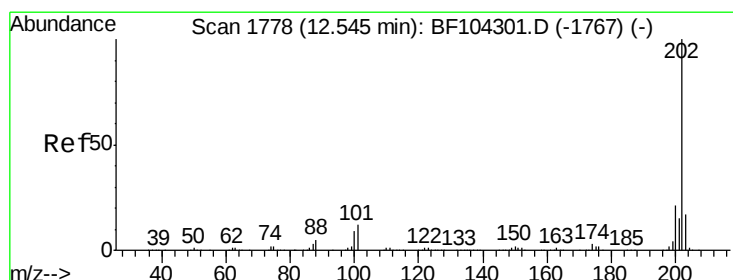
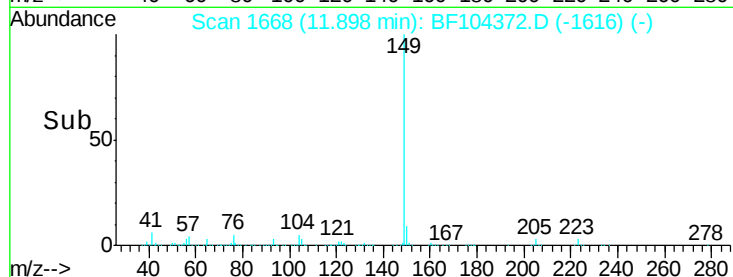
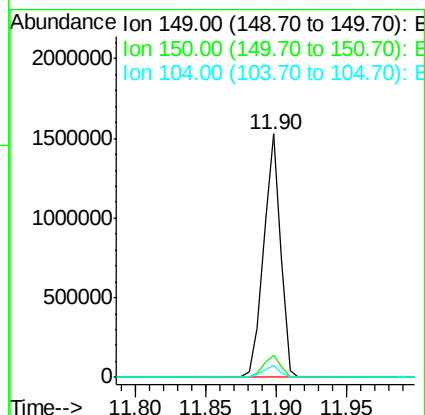
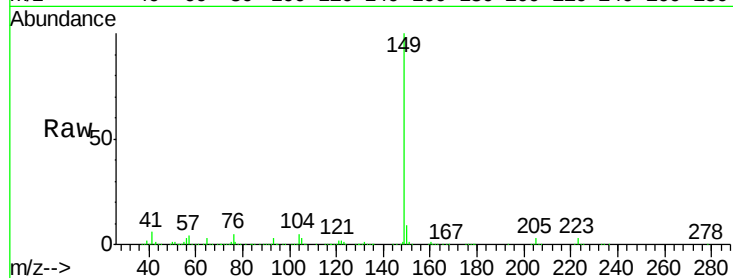
150 9.4 7.8 11.6

104 5.0 3.8 5.8

Manual Integrations
APPROVED

Sohil

4/10/2018 12:00:18 PM



#74

Fluoranthene

Concen: 38.366 ng

RT: 12.54 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF104372.D

Acq: 9 Apr 2018 15:17

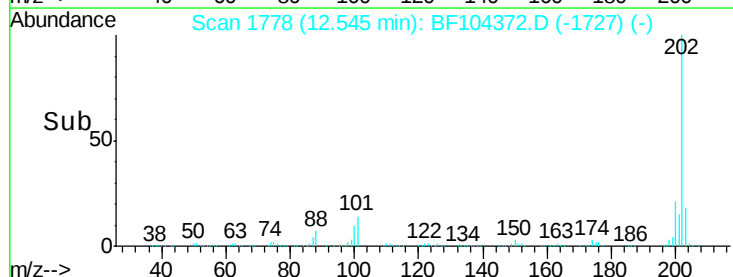
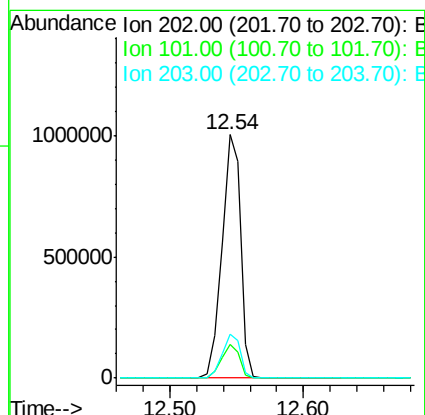
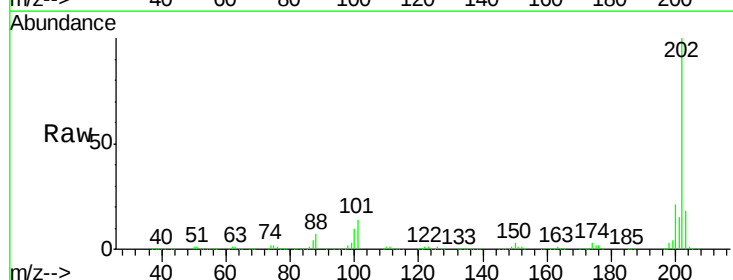
Tgt Ion:202 Resp: 989080

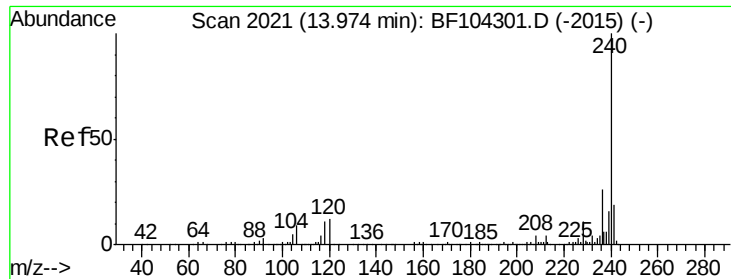
Ion Ratio Lower Upper

202 100

101 14.0 0.0 34.1

203 17.8 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.00 min

Lab File: BF104372.D

Acq: 9 Apr 2018 15:17

Instrument :

BNA_F

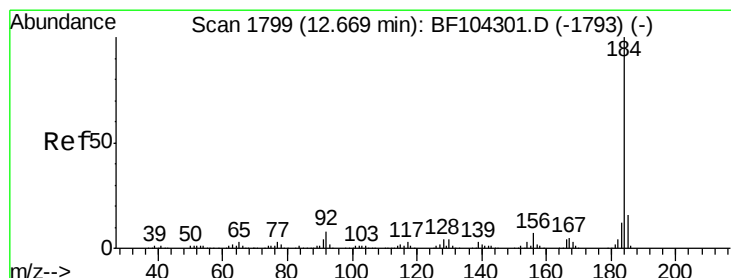
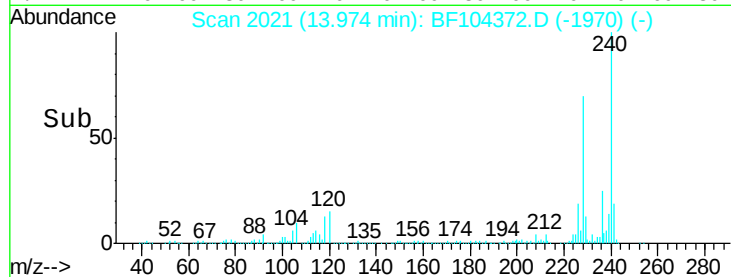
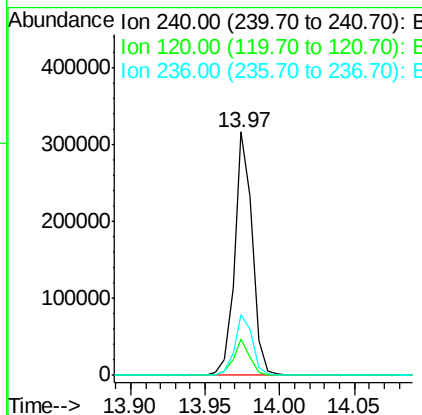
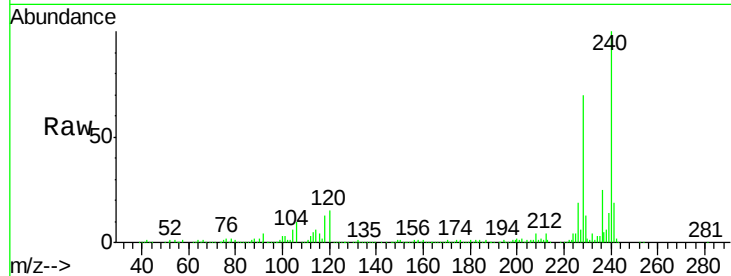
ClientSampleId :

FK-BPM-02-004-ABCDMSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.7	9.5	14.3#
236	24.7	20.7	31.1

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#76

Benzidine

Concen: 30.018 ng

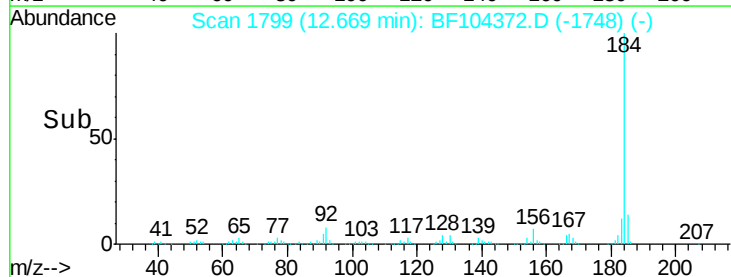
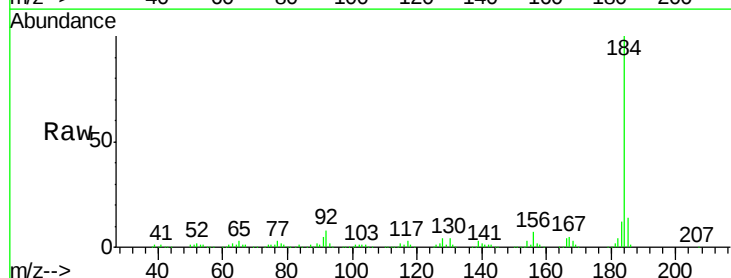
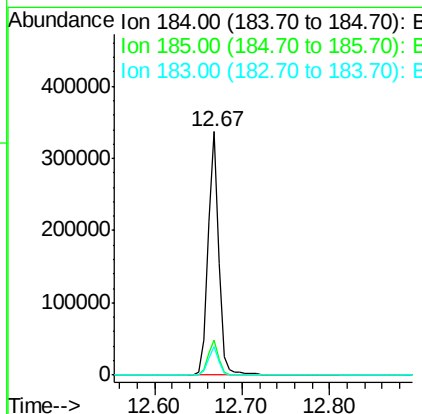
RT: 12.67 min Scan# 1799

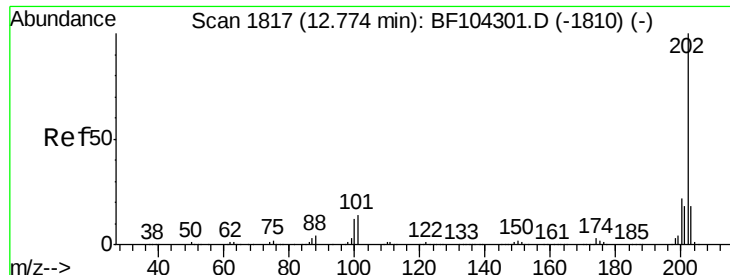
Delta R.T. 0.00 min

Lab File: BF104372.D

Acq: 9 Apr 2018 15:17

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.2	12.6	18.8
183	11.7	9.3	13.9





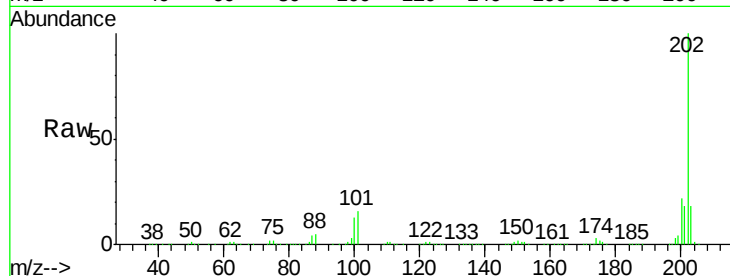
#77
Pvrene
Concen: 49.082 ng
RT: 12.77 min Scan# 1817
Delta R.T. 0.00 min
Lab File: BF104372.D
Acq: 9 Apr 2018 15:17

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-004-ABCDMSD

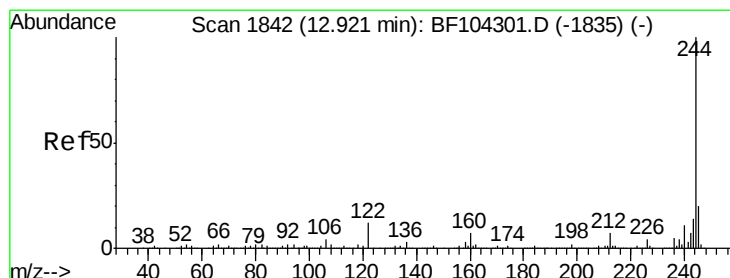
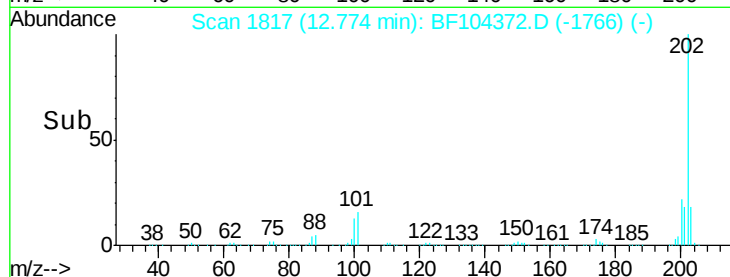
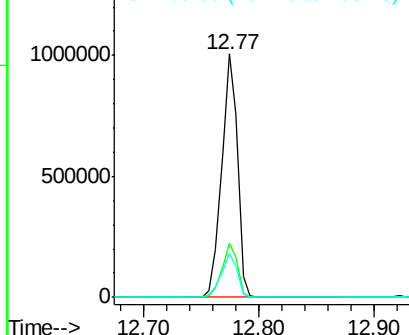
Tot Ion	Ratio	Resp	Lower	Upper
202	100	952849		
200	22.1		17.4	26.2
203	18.0		14.3	21.5

Manual Integrations
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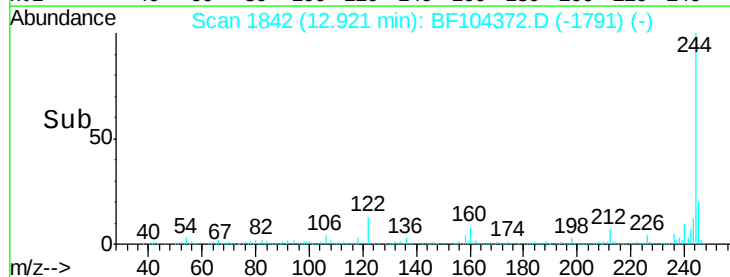
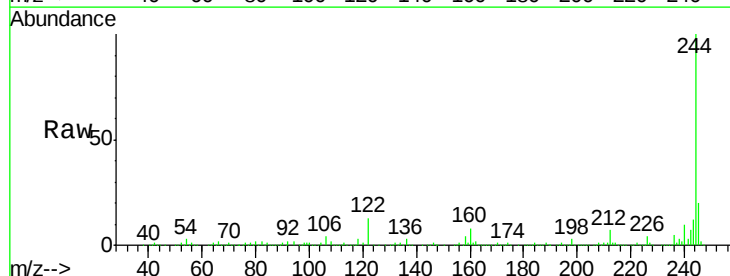
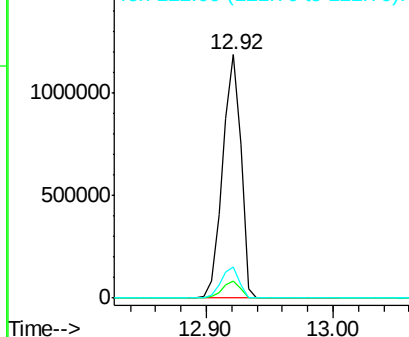
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

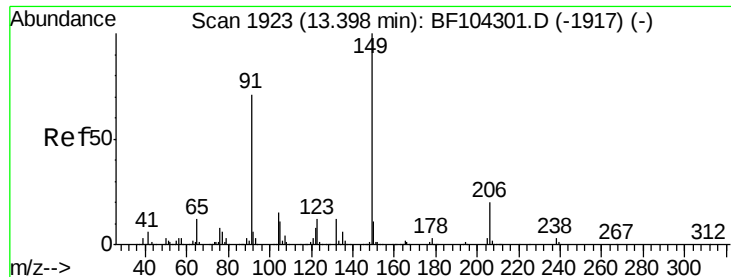


#78
Terphenyl-d14
Concen: 103.621 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.00 min
Lab File: BF104372.D
Acq: 9 Apr 2018 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1190399		
212	7.0		5.4	8.0
122	12.8		11.0	16.4

Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





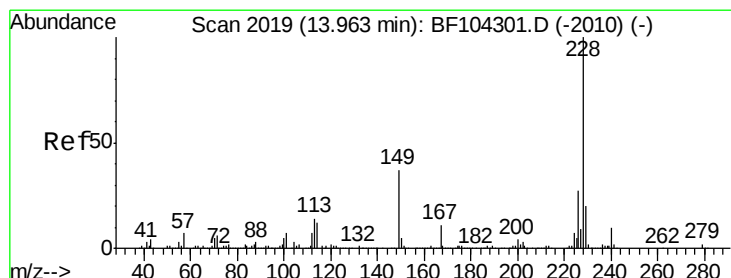
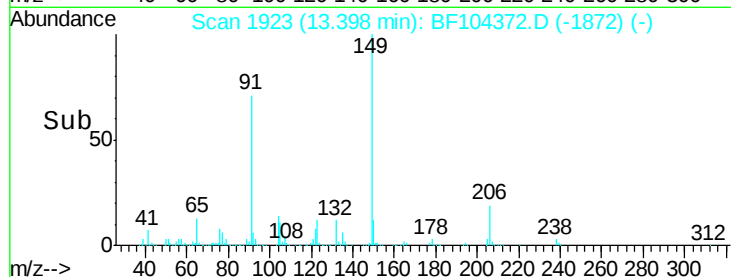
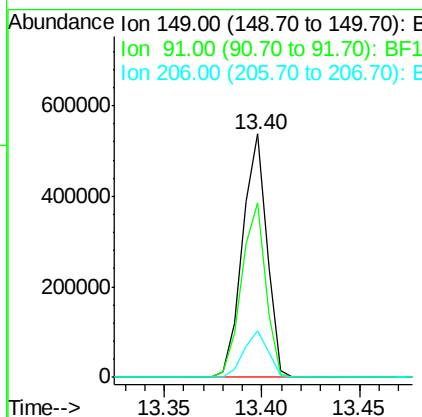
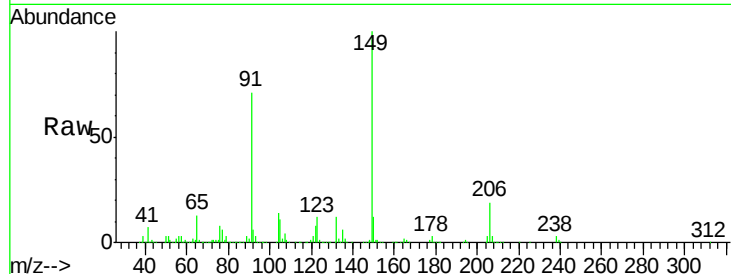
#79
Butylbenzylphthalate
Concen: 50.781 ng
RT: 13.40 min Scan# 1923
Delta R.T. -0.00 min
Lab File: BF104372.D
Acq: 9 Apr 2018 15:17

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-004-ABCDMSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	71.4	56.8	85.2
206	18.9	14.1	21.1

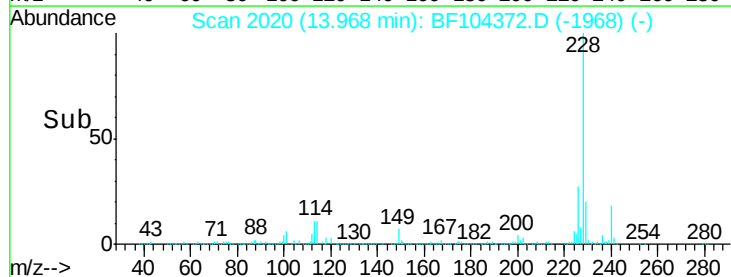
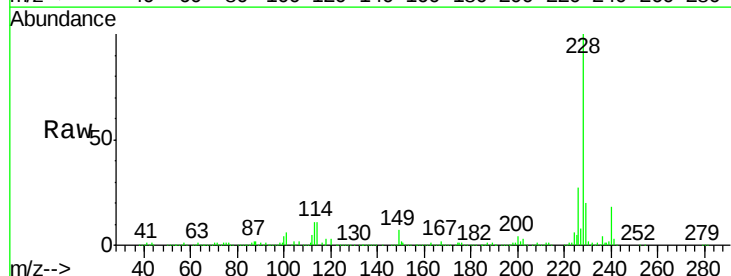
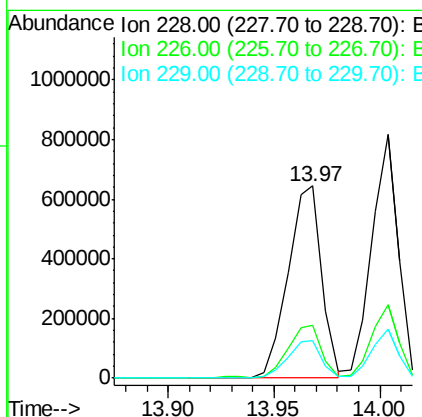
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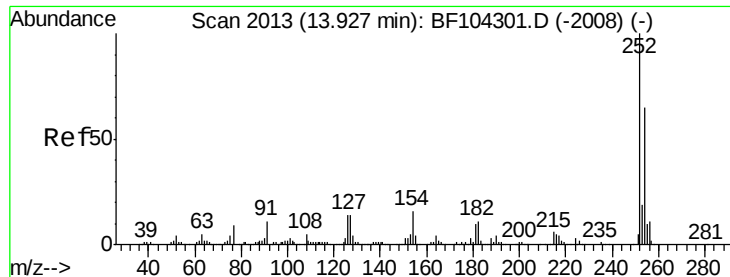
Sohil
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#80
Benzo(a)anthracene
Concen: 45.510 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.01 min
Lab File: BF104372.D
Acq: 9 Apr 2018 15:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	19.9	15.8	23.6





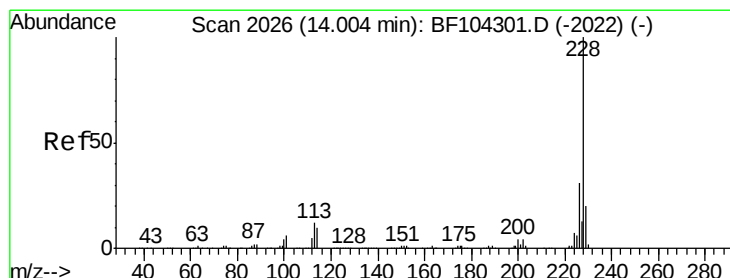
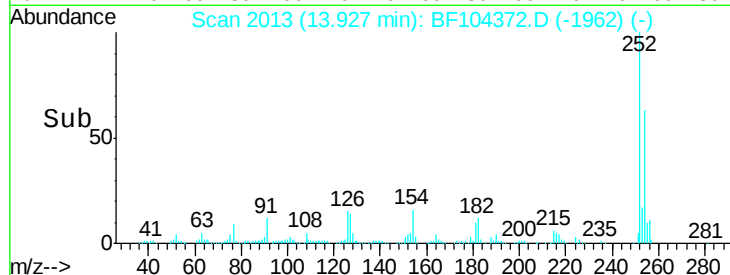
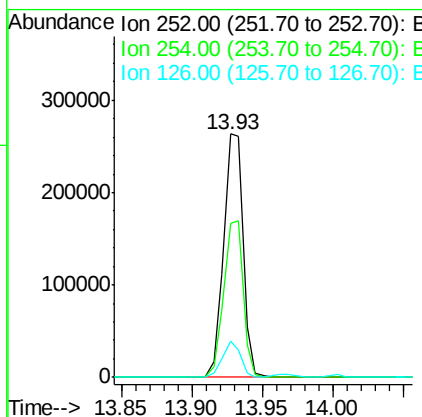
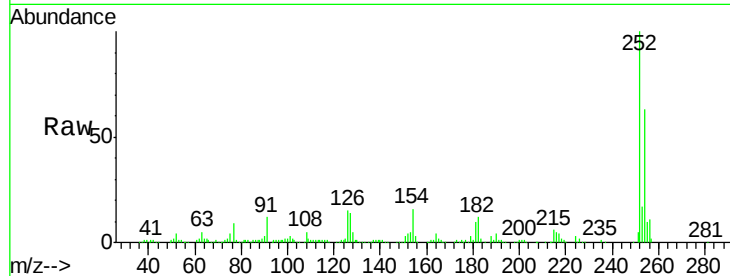
#81
 3,3'-Dichlorobenzidine
 Concen: 43.376 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. 0.00 min
 Lab File: BF104372.D
 Acq: 9 Apr 2018 15:17

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-004-ABCDMSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	253052		
254	63.1		50.4	75.6
126	15.1		11.3	16.9

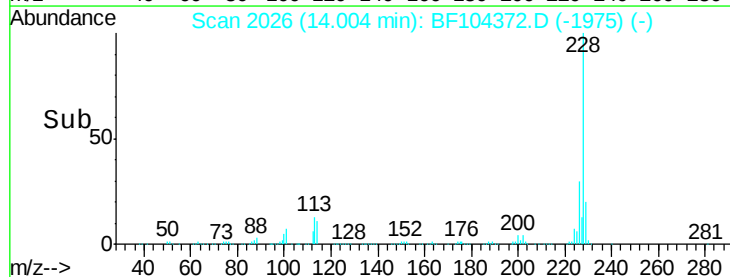
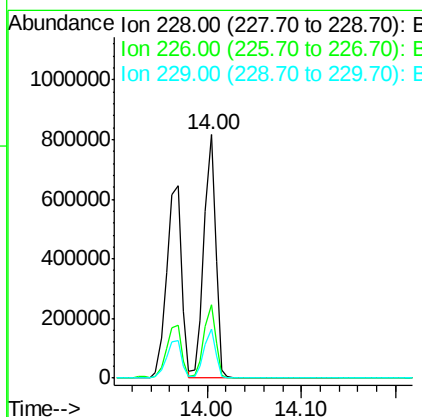
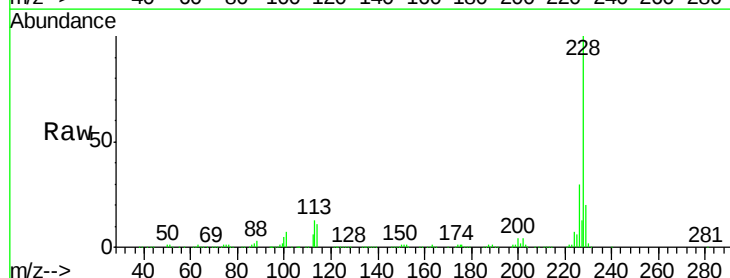
Manual Integrations
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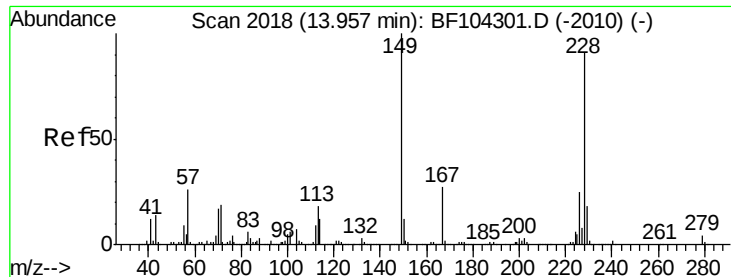
Sohil
 4/10/2018 12:00:18 PM



#82
 Chrysene
 Concen: 44.725 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.00 min
 Lab File: BF104372.D
 Acq: 9 Apr 2018 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	718787		
226	30.2		25.0	37.6
229	20.0		16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 49.255 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BF104372.D

Acq: 9 Apr 2018 15:17

Instrument :

BNA_F

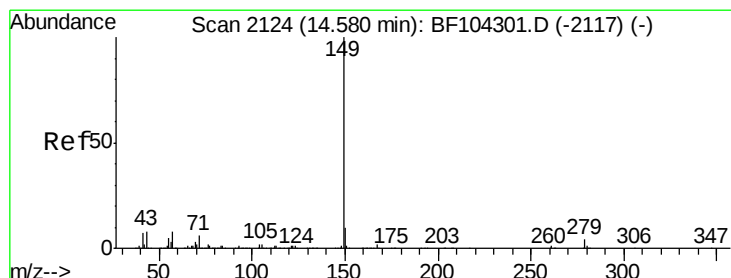
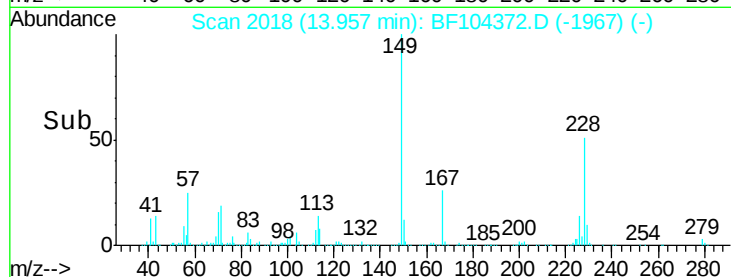
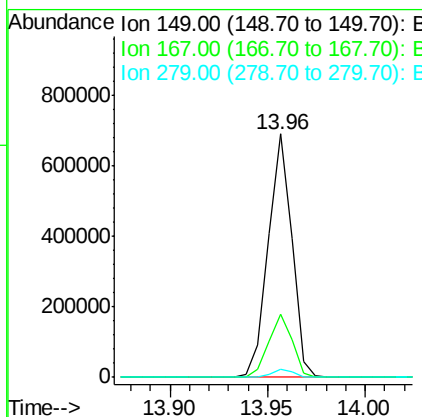
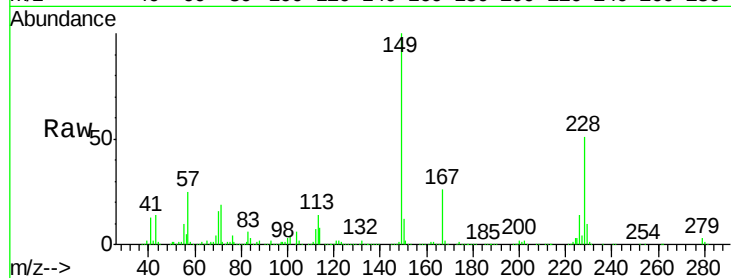
ClientSampleId :

FK-BPM-02-004-ABCDMSD

Tot Ion:	149	Resp:	579435
Ion Ratio	Lower	Upper	
149	100		
167	25.8	21.3	31.9
279	3.3	3.0	4.4

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 49.880 ng

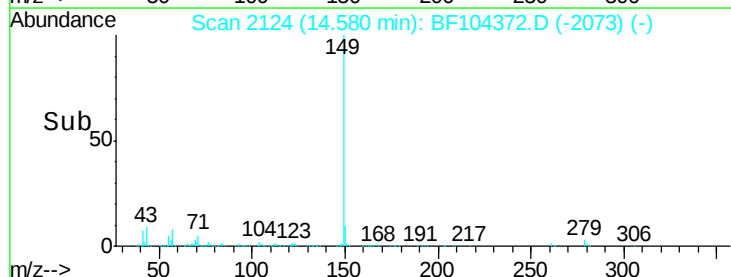
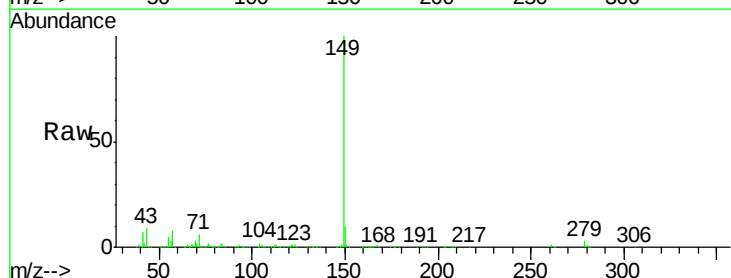
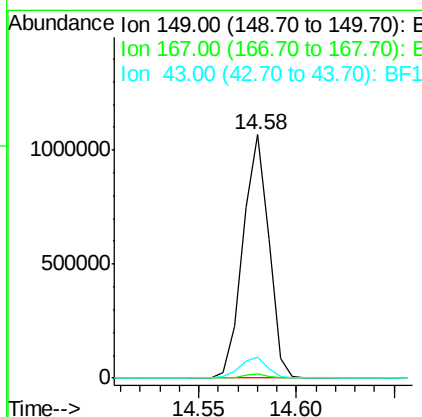
RT: 14.58 min Scan# 2124

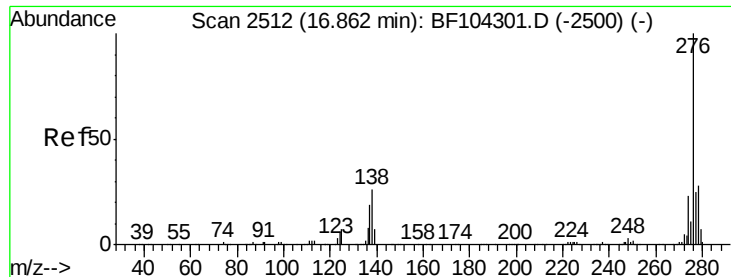
Delta R.T. -0.00 min

Lab File: BF104372.D

Acq: 9 Apr 2018 15:17

Tgt Ion:	149	Resp:	980468
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	8.7	8.4	12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 71.016 ng

RT: 16.89 min Scan# 2516

Delta R.T. 0.02 min

Lab File: BF104372.D

Acq: 9 Apr 2018 15:17

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-004-ABCDMSD

Tot Ion:276 Resp: 969542

Ion Ratio Lower Upper

276 100

138 29.7 25.0 37.6

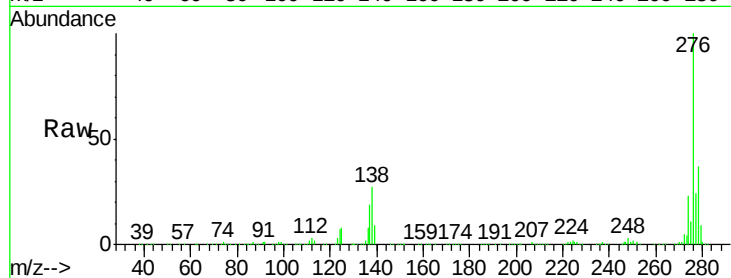
277 25.5 20.1 30.1

Manual Integrations

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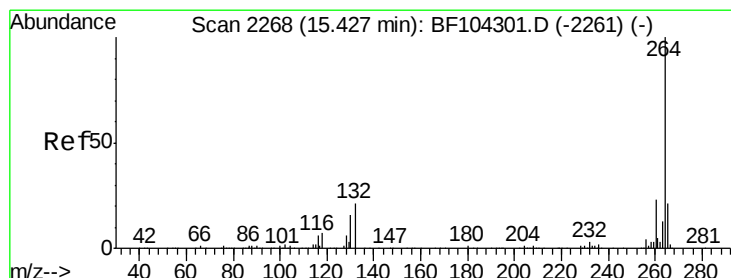
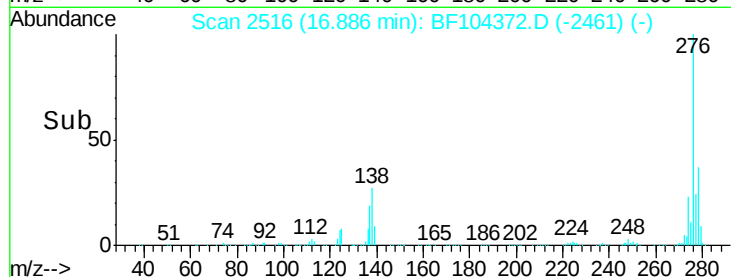
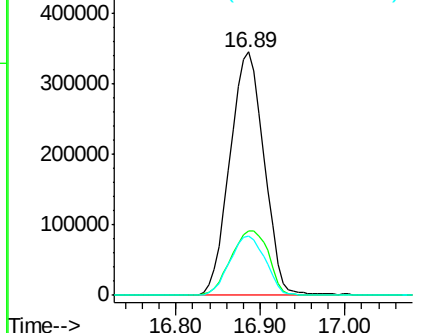
4/10/2018 12:00:18 PM



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2270

Delta R.T. 0.01 min

Lab File: BF104372.D

Acq: 9 Apr 2018 15:17

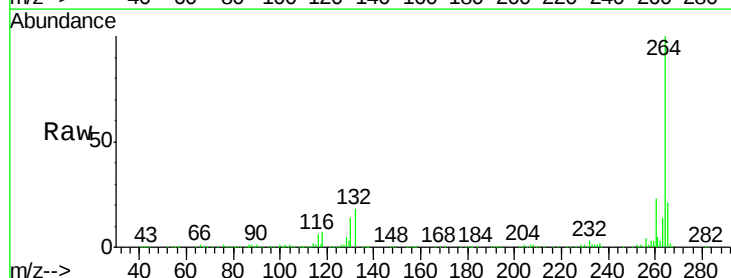
Tgt Ion:264 Resp: 305701

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

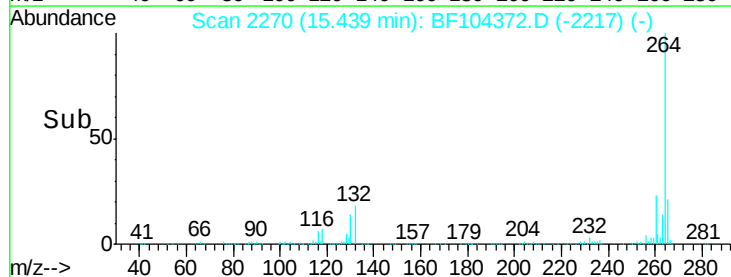
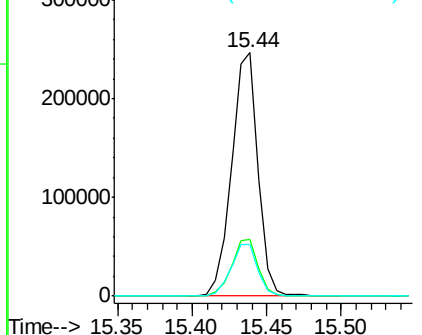
265 21.3 17.5 26.3

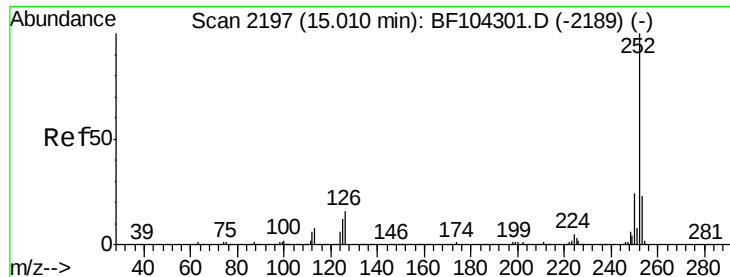


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





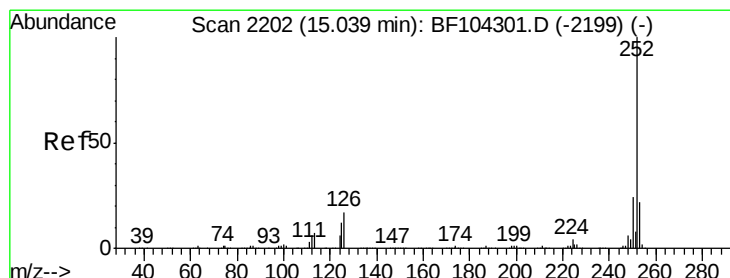
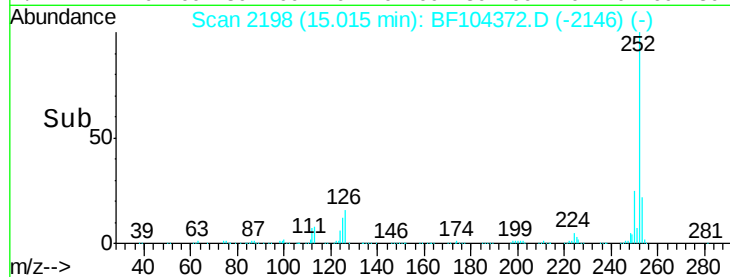
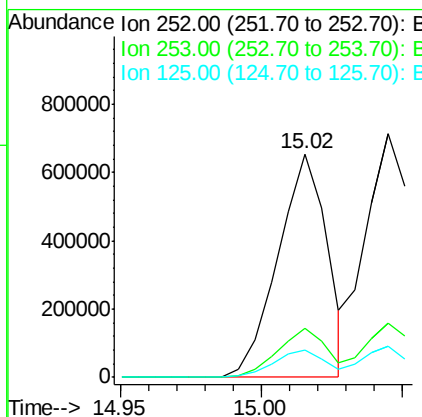
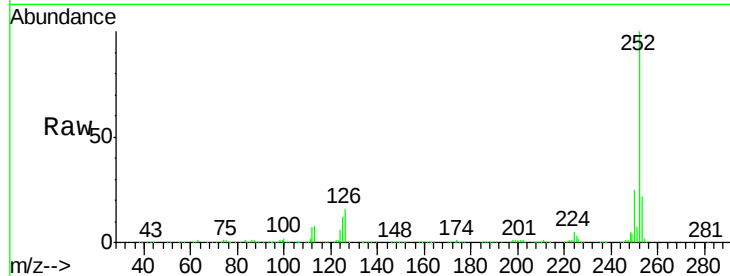
#87
Benzo(b)fluoranthene
Concen: 41.049 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF104372.D
Acq: 9 Apr 2018 15:17

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-004-ABCDMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	12.5	9.0	13.6

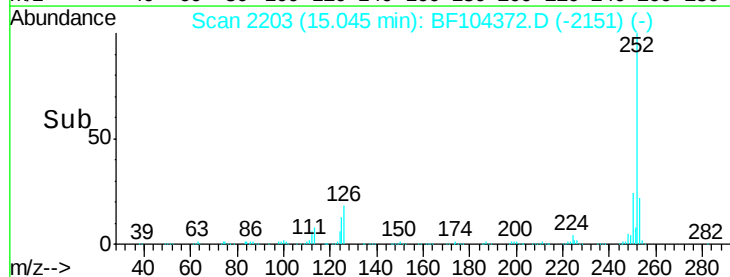
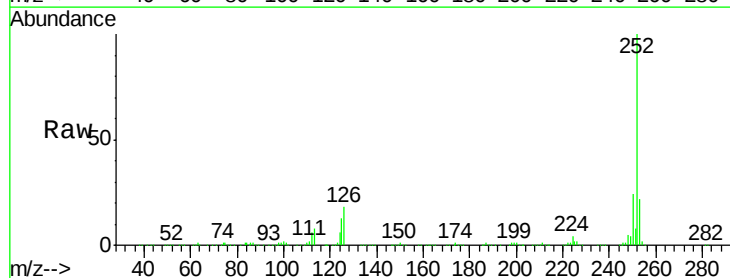
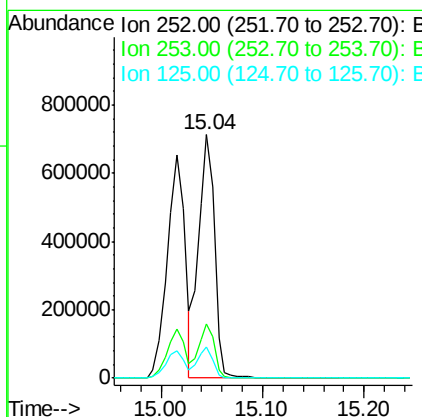
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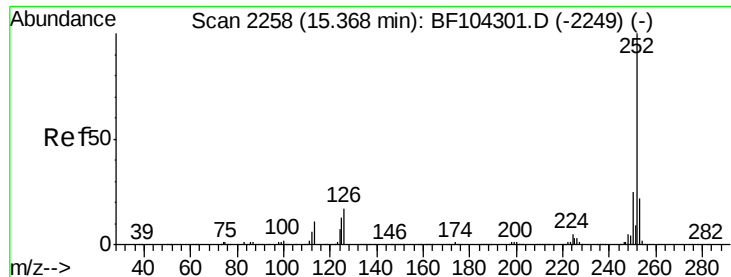
Sohil
4/10/2018 12:00:18 PM



#88
Benzo(k)fluoranthene
Concen: 42.773 ng
RT: 15.04 min Scan# 2203
Delta R.T. 0.01 min
Lab File: BF104372.D
Acq: 9 Apr 2018 15:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	12.7	10.2	15.2





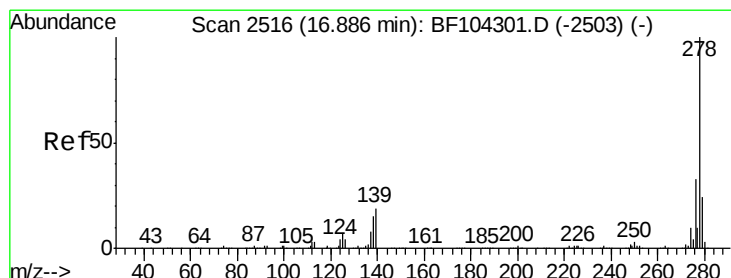
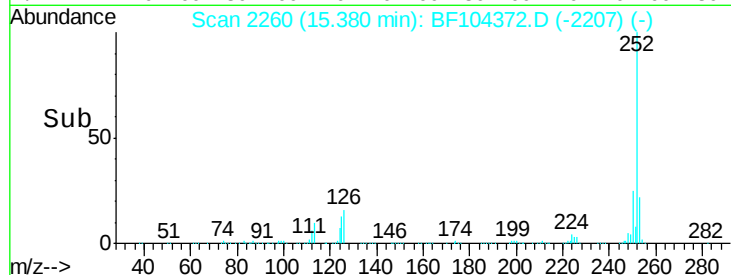
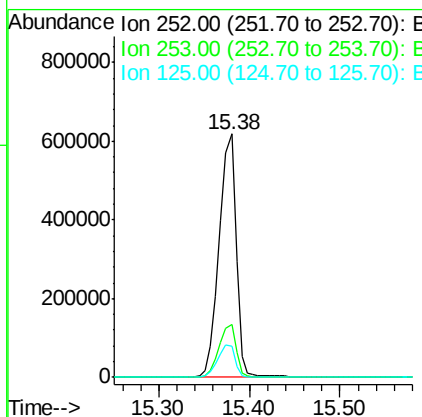
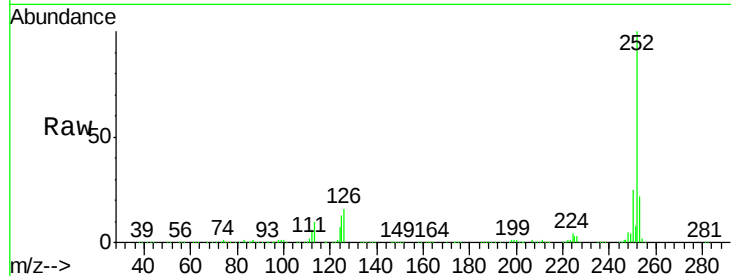
#89
Benzo(a)pyrene
Concen: 46.775 ng
RT: 15.38 min Scan# 2260
Delta R.T. 0.01 min
Lab File: BF104372.D
Acq: 9 Apr 2018 15:17

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-004-ABCDMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	12.8	9.8	14.6

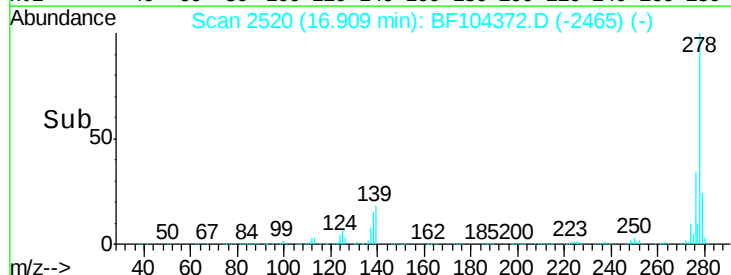
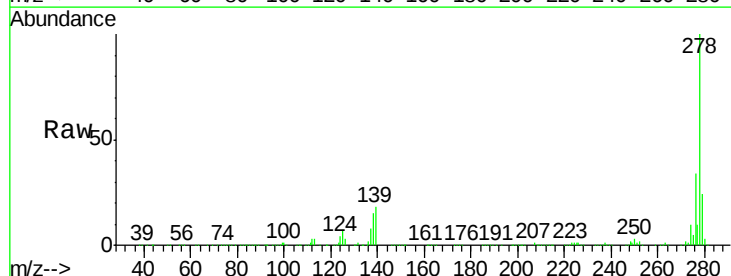
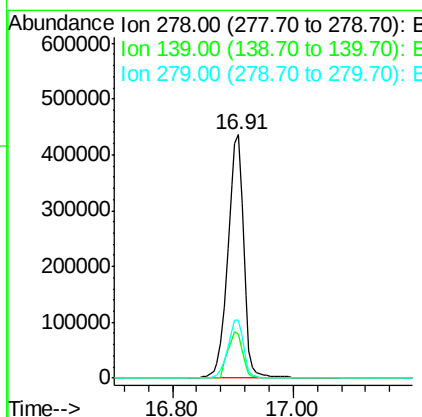
Manual Integrations
APPROVED

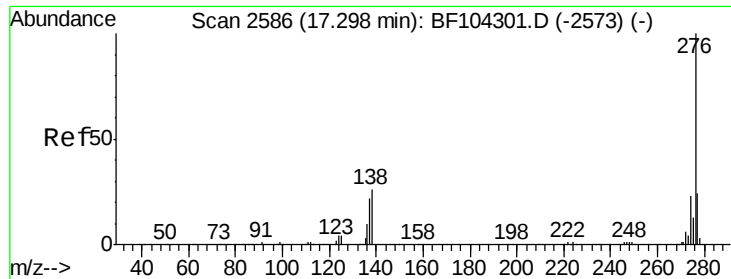
Sohil
4/10/2018 12:00:18 PM



#90
Dibenzo(a,h)anthracene
Concen: 56.376 ng
RT: 16.91 min Scan# 2520
Delta R.T. 0.02 min
Lab File: BF104372.D
Acq: 9 Apr 2018 15:17

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.1	15.9	23.9
279	23.7	19.0	28.4





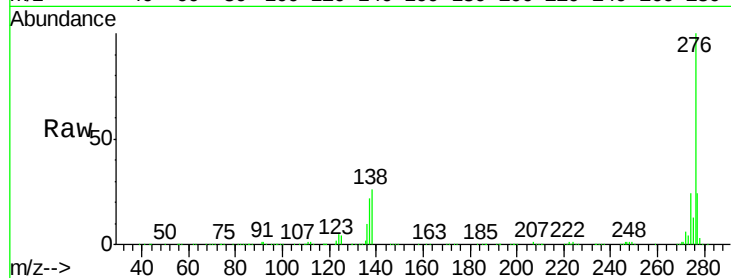
#91
 Benzo(a,h,i)perylene
 Concen: 56.488 ng
 RT: 17.33 min Scan# 2591
 Delta R.T. 0.03 min
 Lab File: BF104372.D
 Acq: 9 Apr 2018 15:17

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-004-ABCDMSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.3	17.9	26.9
138	25.9	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 4/10/2018 12:00:18 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

