

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
 Data File : BF102967.D
 Acq On : 13 Feb 2018 17:45
 Operator : SJ/JU
 Sample : J1403-03MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-021218MSD

Manual Integrations
 APPROVED

Sohil
 2/14/2018 10:29:42 AM

Quant Time: Feb 14 02:04:28 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 00:38:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	155445	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	639903	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	259067	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	366893	20.00	ng	0.00
75) Chrysene-d12	14.04	240	281612	20.00	ng	0.00
86) Perylene-d12	15.52	264	226290	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1193253	116.58	ng	0.01
7) Phenol-d6	6.51	99	1429483	115.99	ng	0.01
23) Nitrobenzene-d5	7.44	82	903833	97.98	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	225921	108.35	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1236125	79.18	ng	0.00
78) Terphenyl-d14	12.98	244	855972	71.97	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	172629	34.146	ng	86
3) Pyridine	3.45	79	524361	37.541	ng	91
4) n-Nitrosodimethylamine	3.39	42	258929	43.327	ng	97
6) Aniline	6.54	93	563584	30.966	ng	97
8) 2-Chlorophenol	6.66	128	445860	42.311	ng	95
9) Benzaldehyde	6.42	77	112368	12.277	ng	99
10) Phenol	6.52	94	605428	45.839	ng	94
11) bis(2-Chloroethyl)ether	6.61	93	452813	41.201	ng	90
12) 1,3-Dichlorobenzene	6.82	146	454349	37.233	ng	99
13) 1,4-Dichlorobenzene	6.89	146	455108	37.440	ng	99
14) 1,2-Dichlorobenzene	7.05	146	425489	37.581	ng	100
15) Benzyl Alcohol	7.02	79	397495	41.951	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	784806	37.591	ng	99
17) 2-Methylphenol	7.13	107	383172	39.421	ng	99
18) Hexachloroethane	7.39	117	153632	36.857	ng	93
19) n-Nitroso-di-n-propylamine	7.29	70	302504	37.228	ng	93
20) 3+4-Methylphenols	7.28	107	442017	36.876	ng	# 73
22) Acetophenone	7.29	105	594318	37.954	ng	# 93
24) Nitrobenzene	7.46	77	487033	44.886	ng	95
25) Isophorone	7.70	82	883267	41.584	ng	99
26) 2-Nitrophenol	7.77	139	229546	50.863	ng	98
27) 2,4-Dimethylphenol	7.81	122	399339	44.501	ng	100
28) bis(2-Chloroethoxy)methane	7.90	93	560805	44.569	ng	99
29) 2,4-Dichlorophenol	8.02	162	353069	43.280	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	341720	37.028	ng	99
31) Naphthalene	8.18	128	1197256	38.295	ng	99
32) Benzoic acid	7.88	122	47471	15.578	ng	97
33) 4-Chloroaniline	8.23	127	348701	25.890	ng	98
34) Hexachlorobutadiene	8.29	225	173694	36.730	ng	96
35) Caprolactam	8.59	113	122153m	43.117	ng	
36) 4-Chloro-3-methylphenol	8.71	107	373743	40.776	ng	98
37) 2-Methylnaphthalene	8.87	142	776404	37.930	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	290142	41.132	ng	99
40) Hexachlorocyclopentadiene	9.02	237	41308	12.319	ng	98

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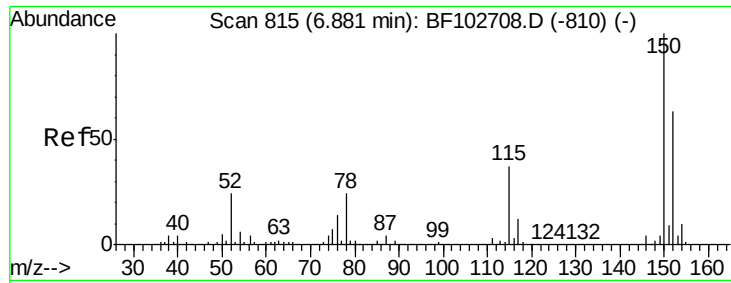
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	212066	45.771	nq	99
43) 2,4,5-Trichlorophenol	9.19	196	207396	39.715	nq	98
45) 1,1'-Biphenyl	9.33	154	853397	39.110	nq	98
46) 2-Chloronaphthalene	9.36	162	663565	38.627	nq	98
47) 2-Nitroaniline	9.46	65	260573	49.072	nq	90
48) Acenaphthylene	9.77	152	992986	37.217	nq	100
49) Dimethylphthalate	9.63	163	956506	47.352	nq	100
50) 2,6-Dinitrotoluene	9.70	165	169524	44.111	nq	97
51) Acenaphthene	9.95	154	567617	35.573	nq	100
52) 3-Nitroaniline	9.87	138	176496	37.324	nq	93
53) 2,4-Dinitrophenol	9.97	184	5225	15.048	nq	# 28
54) Dibenzofuran	10.12	168	851595	37.871	nq	99
55) 4-Nitrophenol	10.03	139	247196	64.436	nq	93
56) 2,4-Dinitrotoluene	10.10	165	206535	40.579	nq	# 96
57) Fluorene	10.46	166	606555	37.074	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	143608	39.678	nq	97
59) Diethylphthalate	10.33	149	749292	37.567	nq	100
60) 4-Chlorophenyl-phenylether	10.45	204	280061	38.696	nq	99
61) 4-Nitroaniline	10.48	138	170941	37.978	nq	93
62) Azobenzene	10.61	77	722071	36.238	nq	96
64) 4,6-Dinitro-2-methylphenol	10.50	198	10267	14.898	nq	93
65) n-Nitrosodiphenylamine	10.57	169	561336	43.375	nq	99
66) 4-Bromophenyl-phenylether	10.95	248	163888	42.228	nq	# 88
67) Hexachlorobenzene	11.01	284	160012	37.373	nq	94
68) Atrazine	11.09	200	159032	41.655	nq	99
69) Pentachlorophenol	11.20	266	158760	63.167	nq	99
70) Phenanthrene	11.42	178	790899	38.706	nq	98
71) Anthracene	11.47	178	815778	39.253	nq	100
72) Carbazole	11.63	167	764885	37.567	nq	100
73) Di-n-butylphthalate	11.96	149	1010788	40.868	nq	99
74) Fluoranthene	12.62	202	794837	38.662	nq	99
76) Benzidine	12.73	184	416800	32.203	nq	98
77) Pyrene	12.85	202	807251	36.556	nq	99
79) Butylbenzylphthalate	13.45	149	419757	39.915	nq	97
80) Benzo(a)anthracene	14.03	228	709417	40.056	nq	99
81) 3,3'-Dichlorobenzidine	13.99	252	238827	36.369	nq	98
82) Chrysene	14.07	228	677212	37.932	nq	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	594766	43.967	nq	99
84) Di-n-octyl phthalate	14.62	149	1004306	49.444	nq	99
85) Indeno(1,2,3-cd)pyrene	17.02	276	506888	34.233	nq	98
87) Benzo(b)fluoranthene	15.09	252	606793	41.359	nq	97
88) Benzo(k)fluoranthene	15.12	252	565292	40.326	nq	99
89) Benzo(a)pyrene	15.46	252	534915	40.506	nq	97
90) Dibenzo(a,h)anthracene	17.03	278	428646	39.990	nq	98
91) Benzo(g,h,i)perylene	17.47	276	421793	40.203	nq	98

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



#1

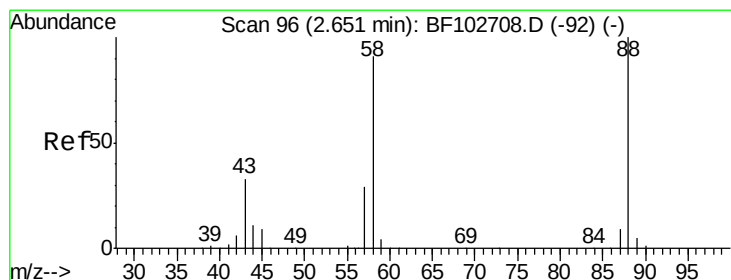
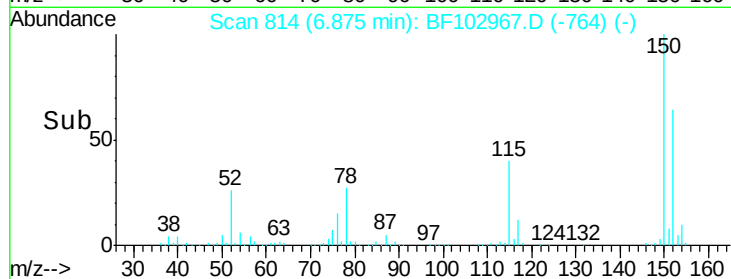
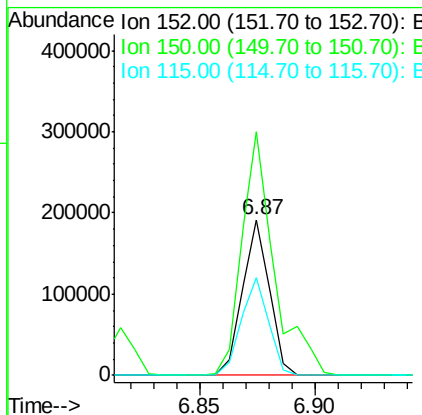
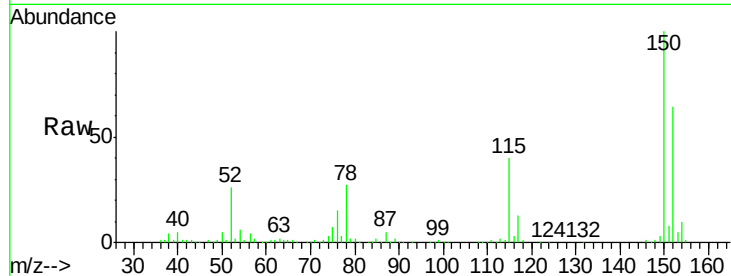
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF102967.D
Acq: 13 Feb 2018 17:45

Instrument :
BNA_F
ClientSampleId :
SU-03-021218MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.6	186.8
115	63.3	50.1	75.1

Manual Integrations
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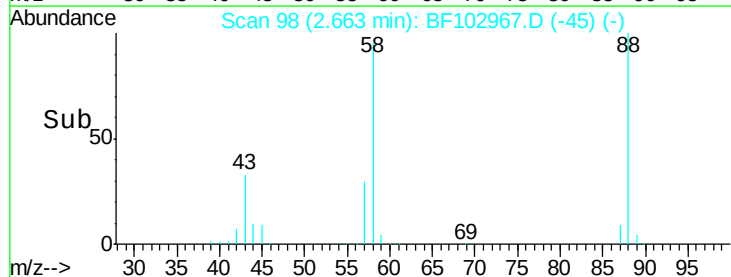
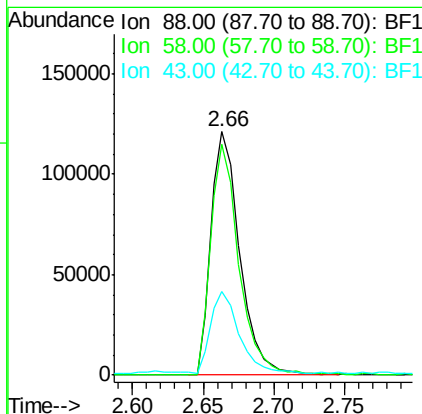
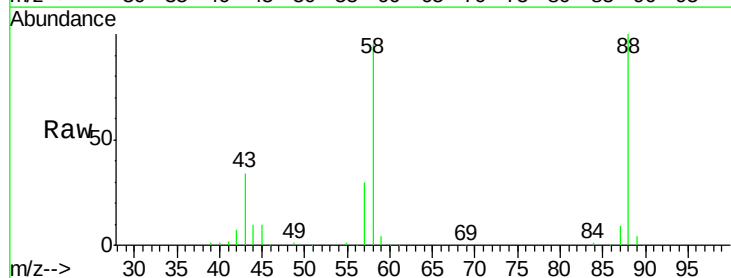
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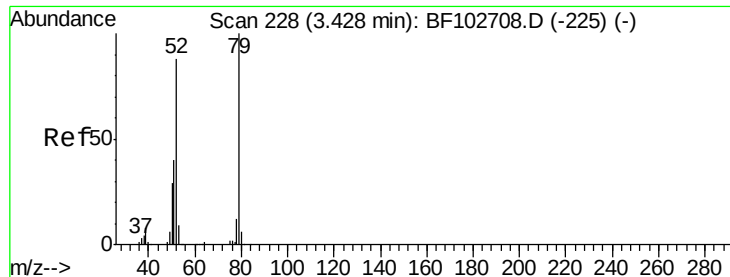


#2

1,4-Dioxane
Concen: 34.146 ng
RT: 2.66 min Scan# 98
Delta R.T. 0.01 min
Lab File: BF102967.D
Acq: 13 Feb 2018 17:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	93.4	62.6	93.8
43	32.7	24.6	37.0





#3

Pvridine

Concen: 37.541 ng

RT: 3.45 min Scan# 232

Delta R.T. 0.02 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

Instrument :

BNA_F

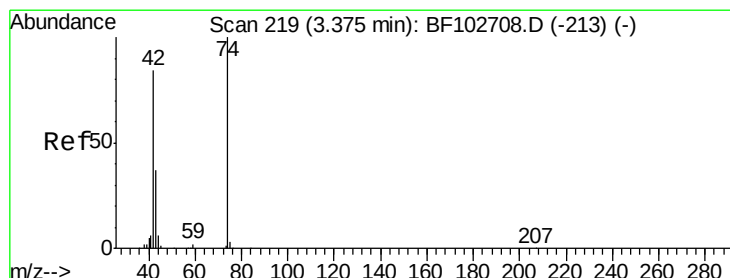
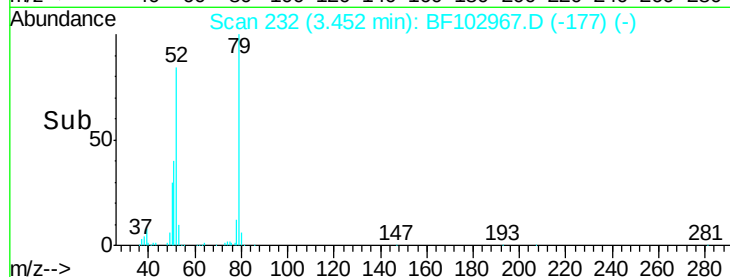
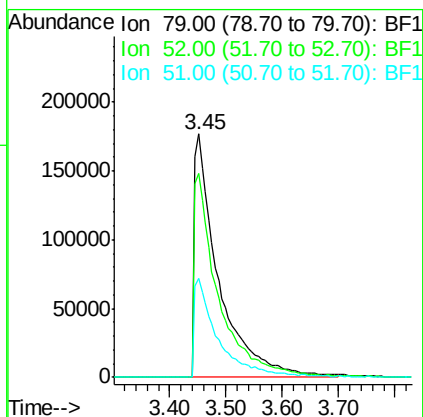
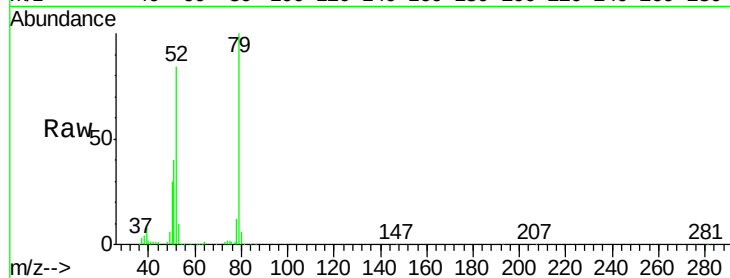
ClientSampleId :

SU-03-021218MSD

Tot Ion:	79	Resp:	524361
Ion Ratio	Lower	Upper	
79	100		
52	83.5	59.8	89.6
51	40.4	29.8	44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 43.327 ng

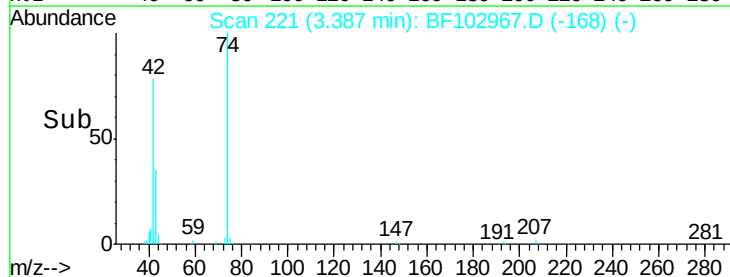
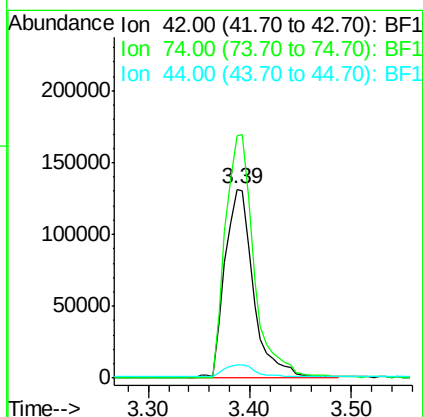
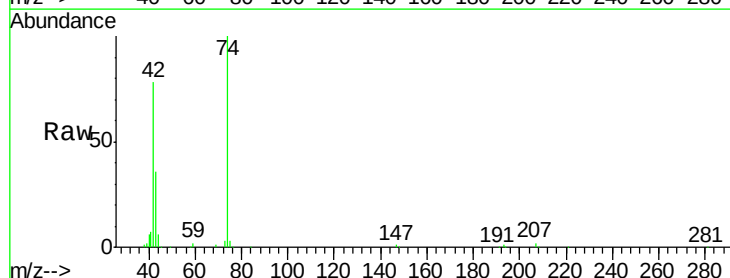
RT: 3.39 min Scan# 221

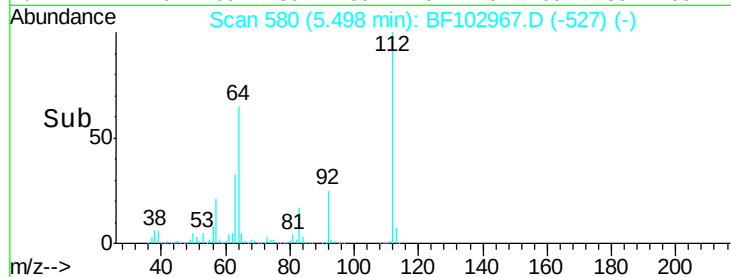
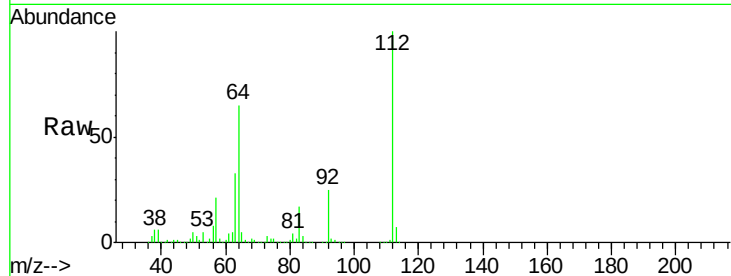
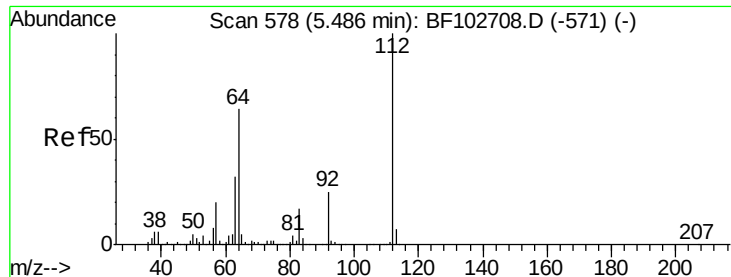
Delta R.T. 0.01 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

Tgt Ion:	42	Resp:	258929
Ion Ratio	Lower	Upper	
42	100		
74	128.2	104.9	157.3
44	7.3	6.9	10.3





#5

2-Fluorophenol

Concen: 116.578 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.01 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

Tot Ion:	112	Resp:	1193253
Ion	Ratio	Lower	Upper
112	100		
64	64.7	47.9	71.9
63	32.7	23.7	35.5

Instrument :

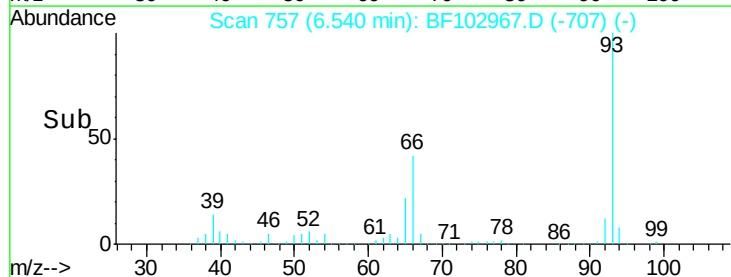
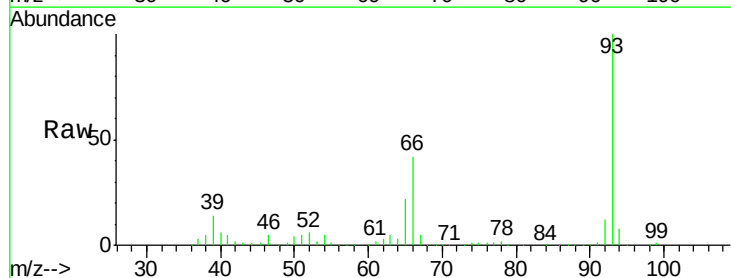
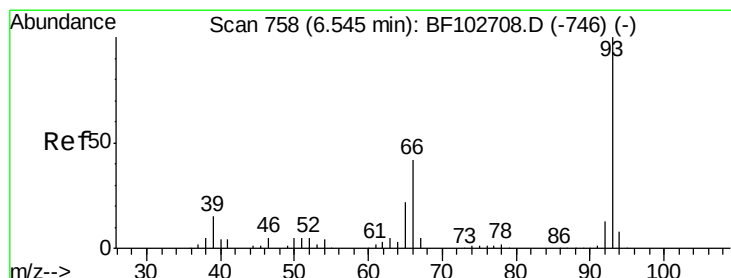
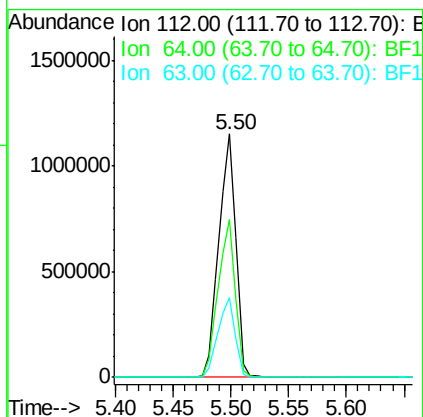
BNA_F

ClientSampleId :

SU-03-021218MSD

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#6

Aniline

Concen: 30.966 ng

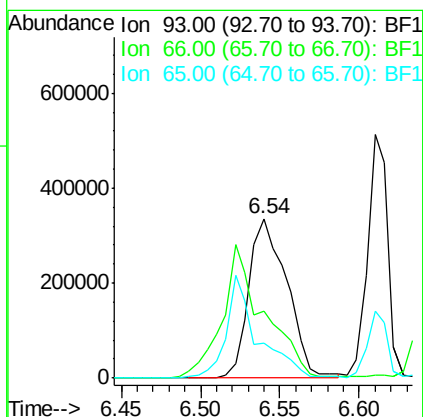
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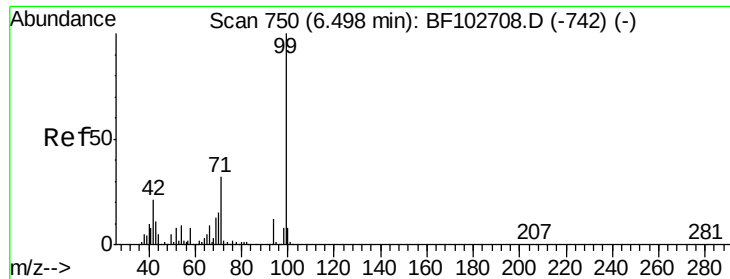
Delta R.T. -0.01 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

Tgt Ion:	93	Resp:	563584
Ion	Ratio	Lower	Upper
93	100		
66	42.5	32.2	48.2
65	21.6	16.4	24.6





#7

Phenol-d6

Concen: 115.988 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

Instrument :

BNA_F

ClientSampleId :

SU-03-021218MSD

Tot Ion: 99 Resp: 1429483

Ion Ratio Lower Upper

99 100

42 19.7 14.5 21.7

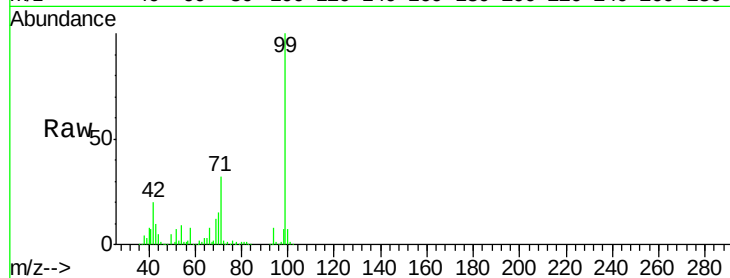
71 32.4 25.4 38.0

Manual Integrations

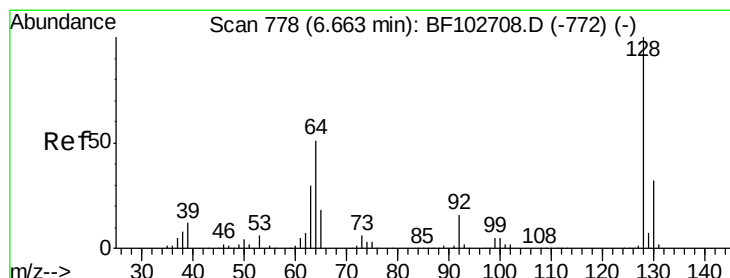
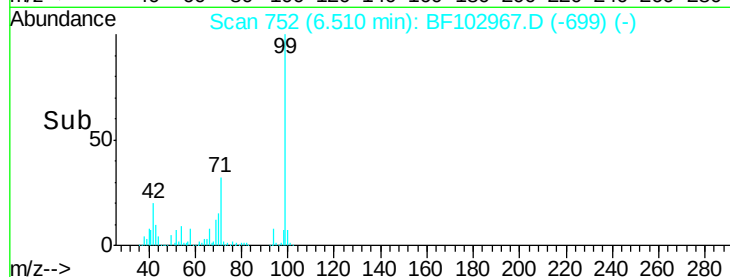
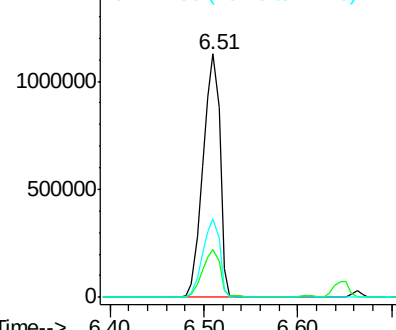
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.311 ng

RT: 6.66 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

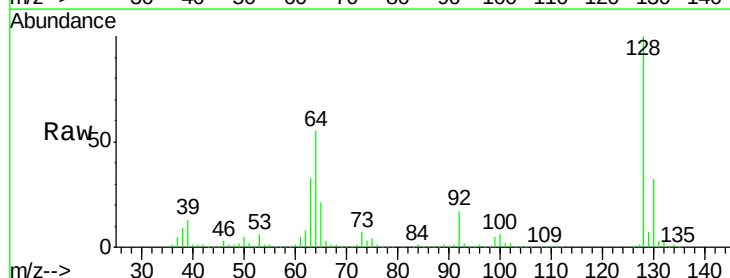
Tgt Ion: 128 Resp: 445860

Ion Ratio Lower Upper

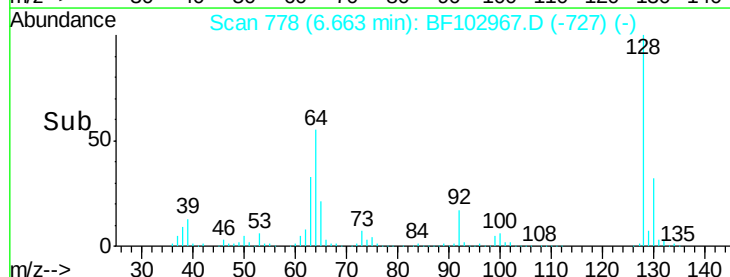
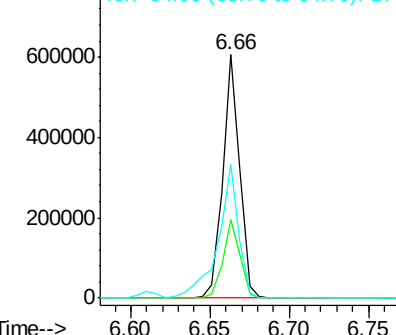
128 100

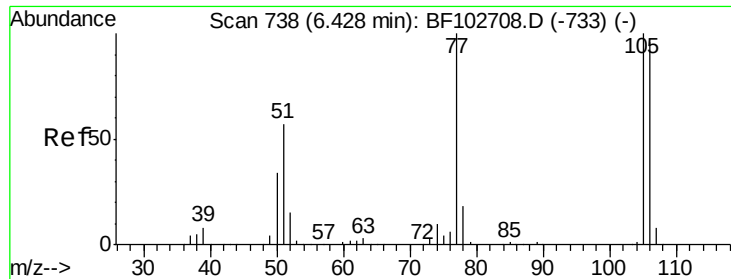
130 32.0 13.0 53.0

64 54.7 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: 12.277 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

Instrument :

BNA_F

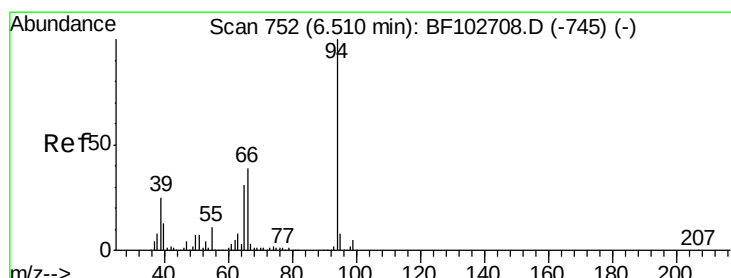
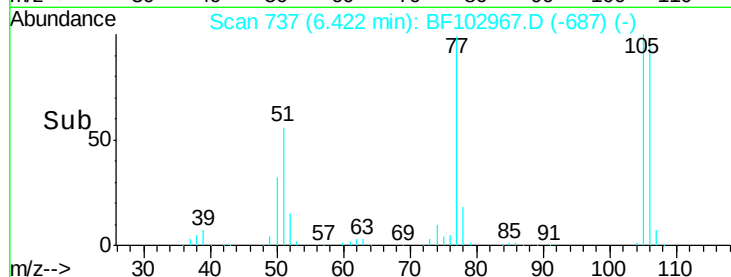
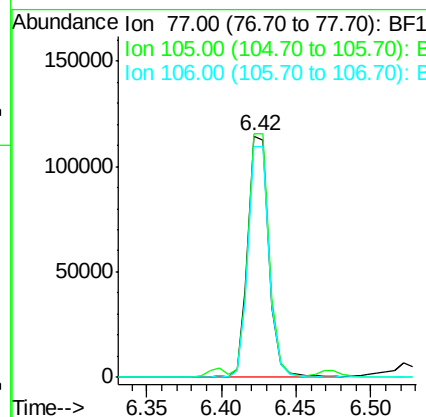
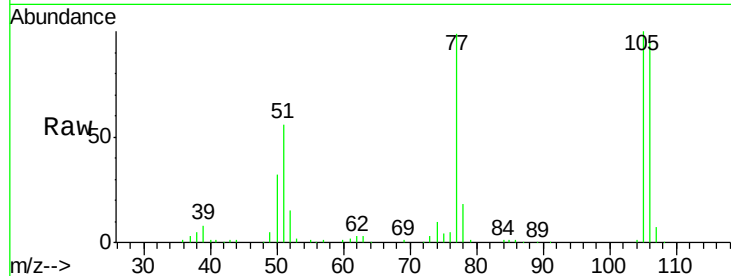
ClientSampleId :

SU-03-021218MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	100.9	81.1	121.1		
106	95.4	74.5	114.5		

Manual Integrations
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#10

Phenol

Concen: 45.839 ng

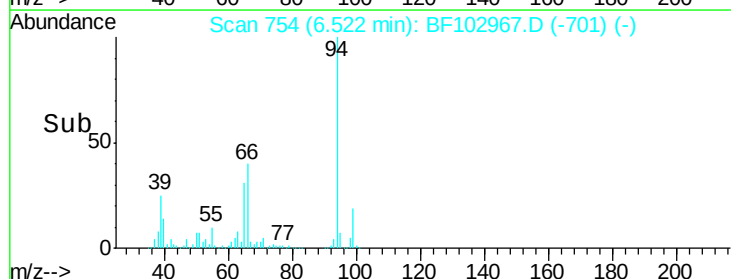
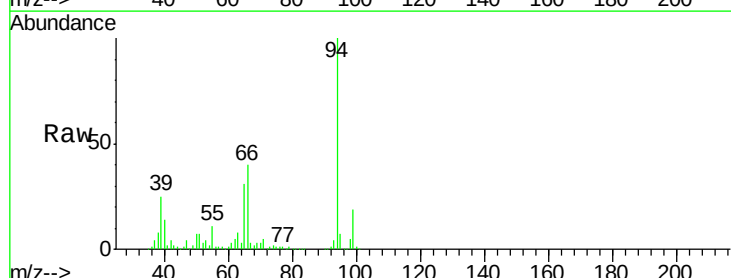
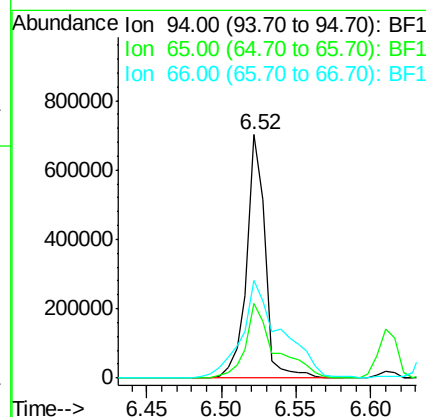
RT: 6.52 min Scan# 754

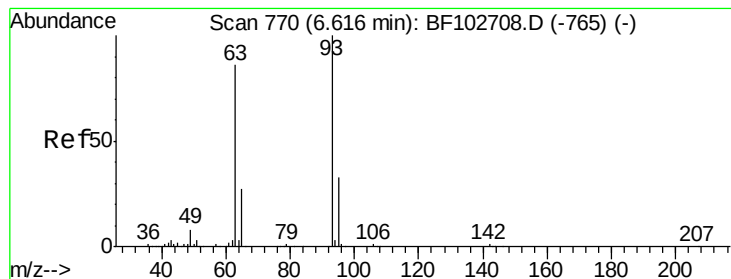
Delta R.T. 0.01 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	30.8	7.9	47.9		
66	40.1	16.2	56.2		





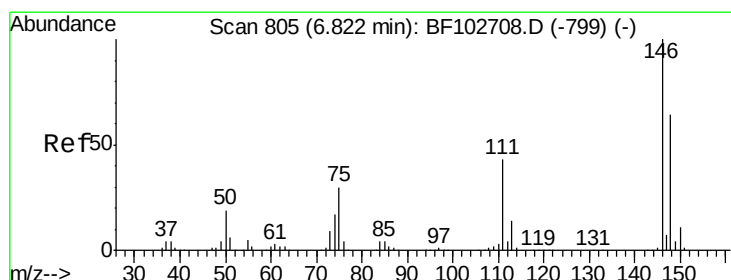
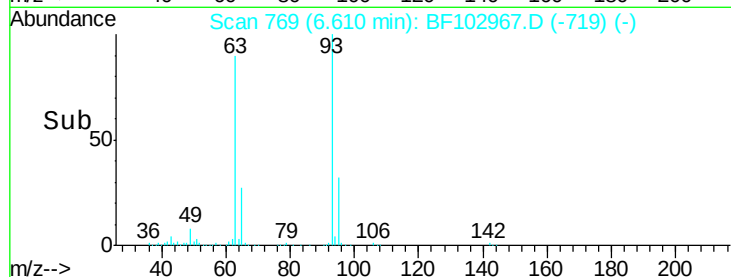
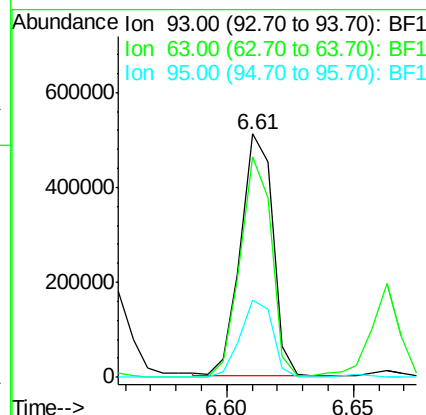
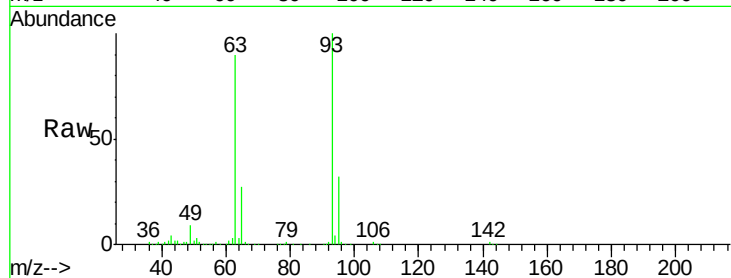
#11
bis(2-Chloroethyl)ether
Concen: 41.201 ng
RT: 6.61 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF102967.D
Acq: 13 Feb 2018 17:45

Instrument :
BNA_F
ClientSampleId :
SU-03-021218MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	90.4	58.6	98.6
95	31.8	11.8	51.8

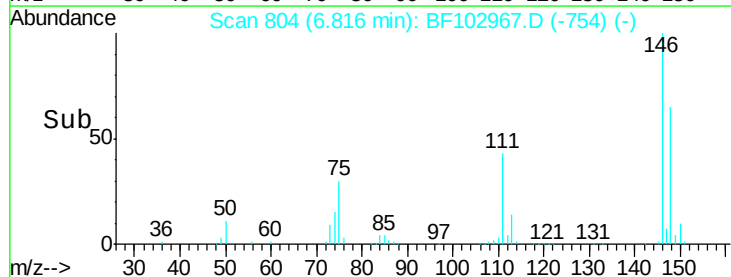
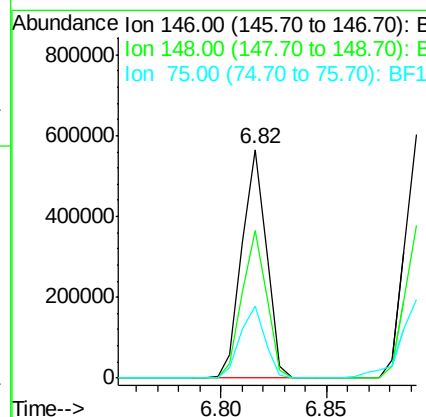
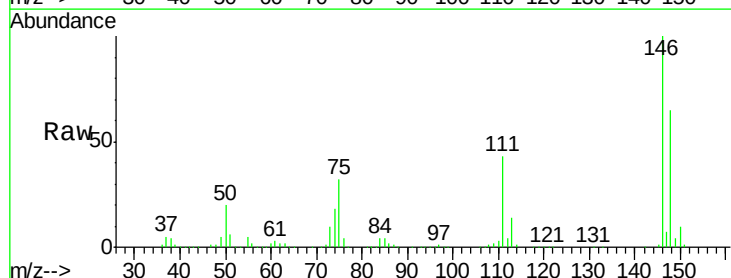
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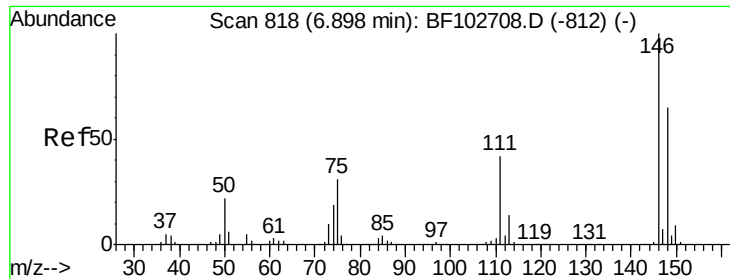
Sohil
2/14/2018 10:29:42 AM



#12
1,3-Dichlorobenzene
Concen: 37.233 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF102967.D
Acq: 13 Feb 2018 17:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.8	77.8
75	31.7	24.2	36.4





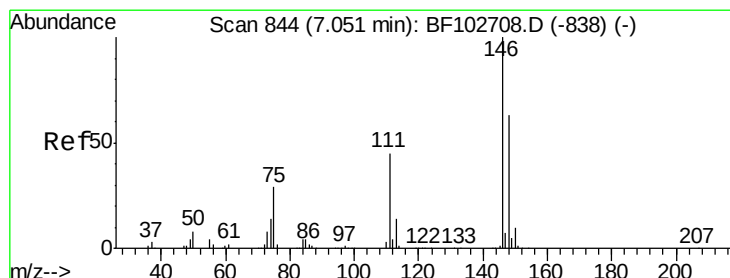
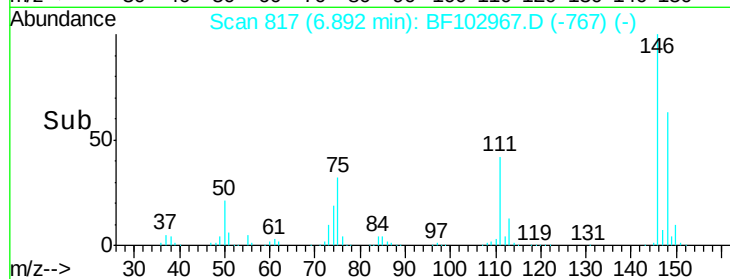
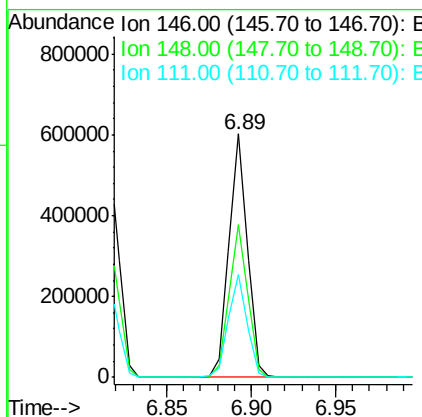
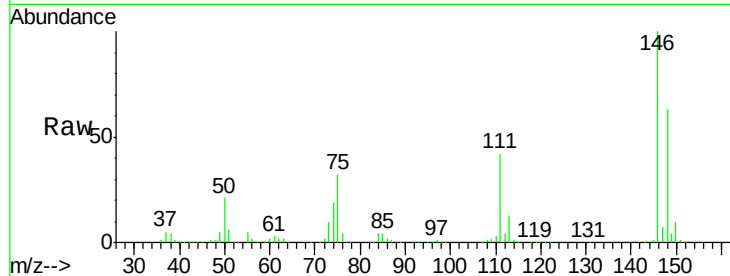
#13
 1,4-Dichlorobenzene
 Concen: 37.440 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF102967.D
 Acq: 13 Feb 2018 17:45

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-021218MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.8	76.2
111	42.3	34.2	51.2

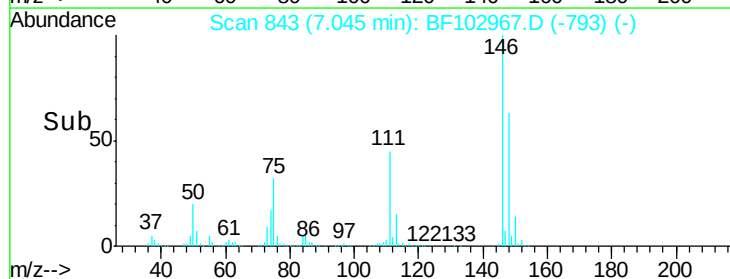
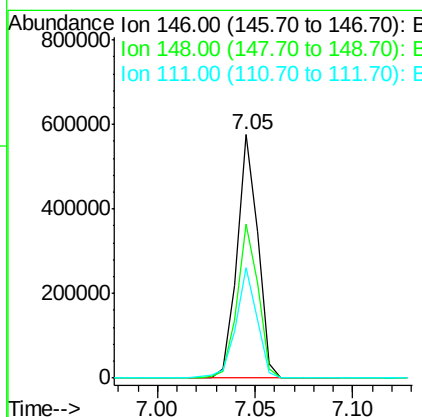
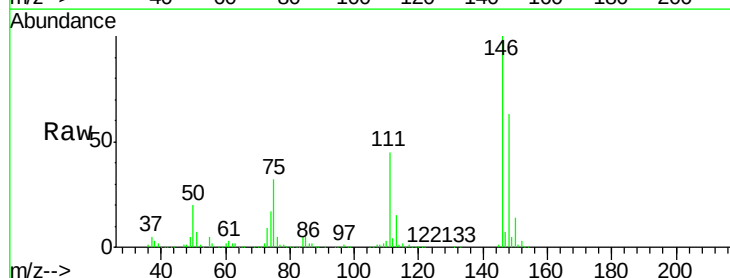
Manual Integrations
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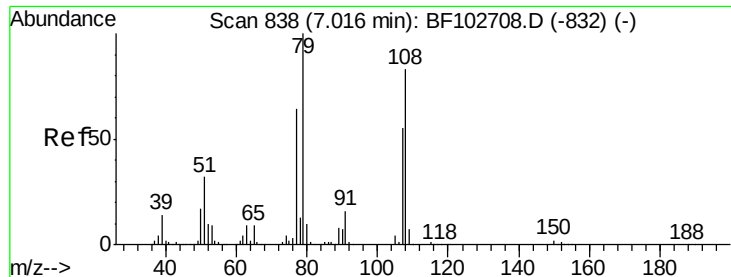
Sohil
 2/14/2018 10:29:42 AM



#14
 1,2-Dichlorobenzene
 Concen: 37.581 ng
 RT: 7.05 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BF102967.D
 Acq: 13 Feb 2018 17:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.6	75.8
111	45.3	36.0	54.0





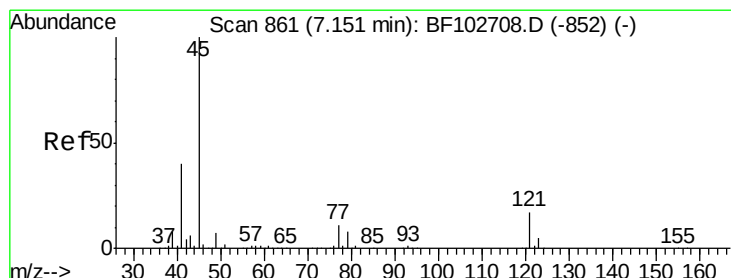
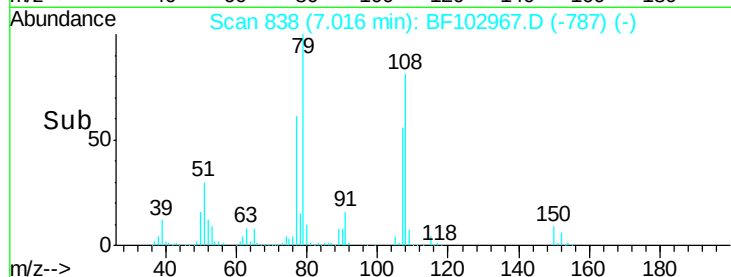
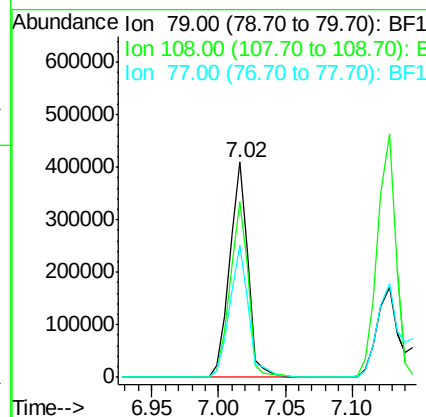
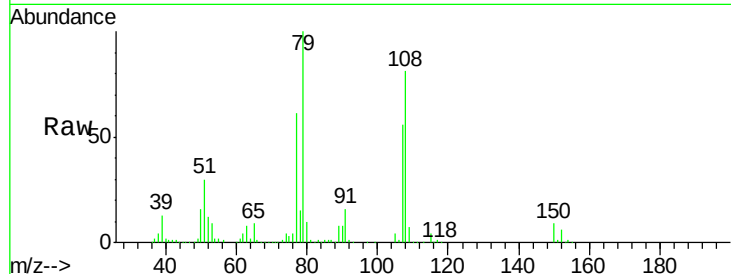
#15
Benzyl Alcohol
Concen: 41.951 ng
RT: 7.02 min Scan# 838
Delta R.T. 0.00 min
Lab File: BF102967.D
Acq: 13 Feb 2018 17:45

Instrument :
BNA_F
ClientSampleId :
SU-03-021218MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	81.5	65.1	97.7
77	61.3	50.6	75.8

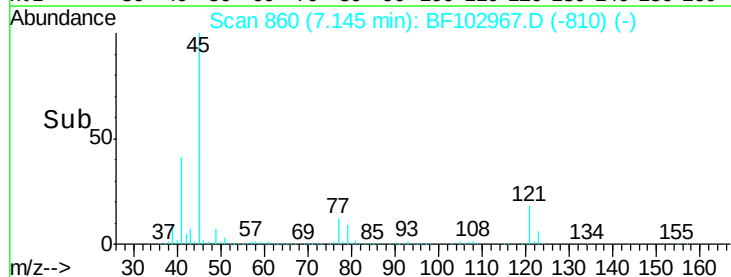
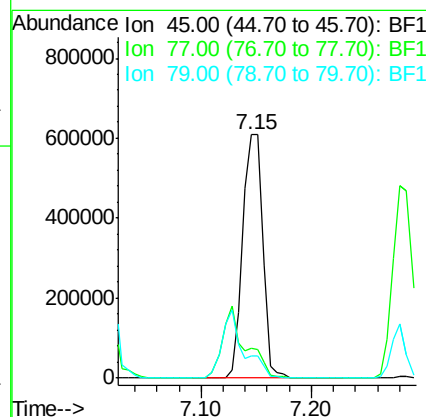
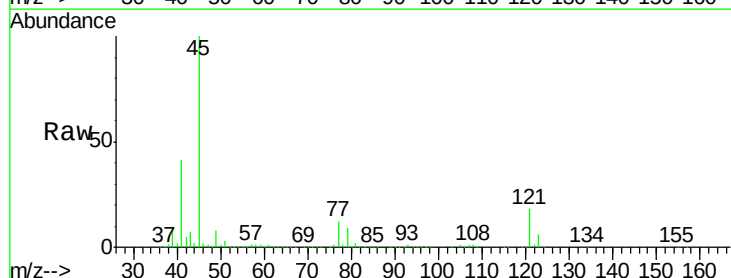
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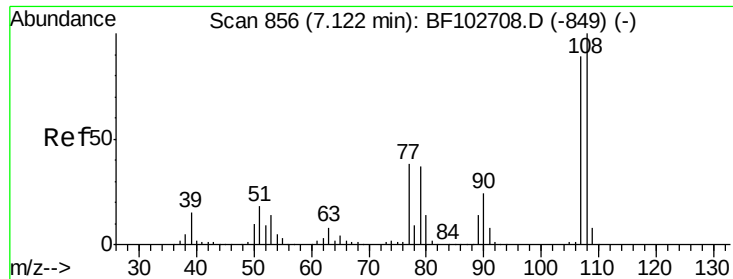
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#16
2,2'-oxybis(1-chloropropane)
Concen: 37.591 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF102967.D
Acq: 13 Feb 2018 17:45

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.1	0.0	32.9
79	9.3	0.0	29.6





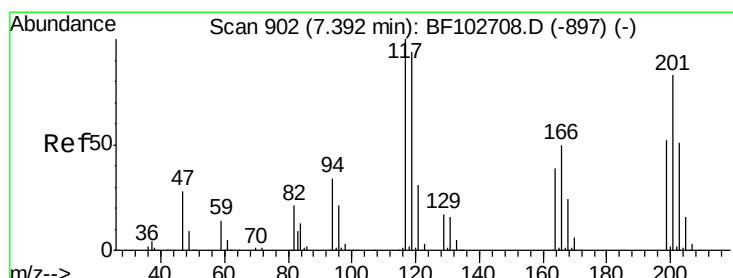
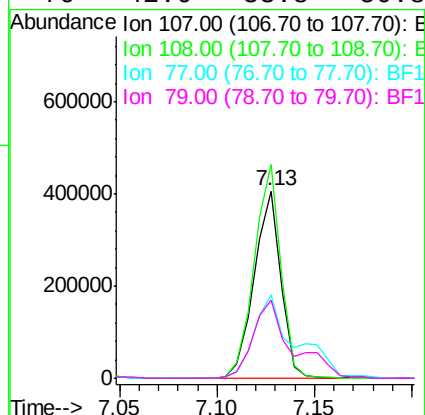
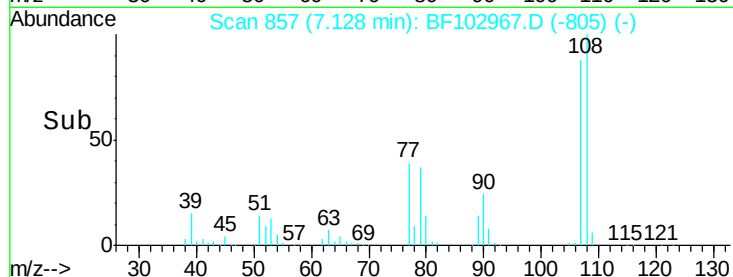
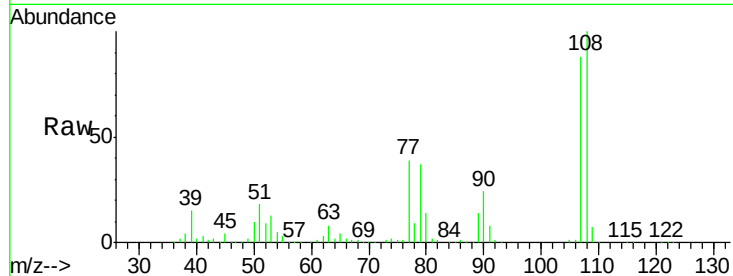
#17
2-Methylphenol
Concen: 39.421 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.01 min
Lab File: BF102967.D
Acq: 13 Feb 2018 17:45

Instrument :
BNA_F
ClientSampleId :
SU-03-021218MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.1	91.7	137.5	
77	44.2	33.8	50.8	
79	42.0	33.8	50.8	

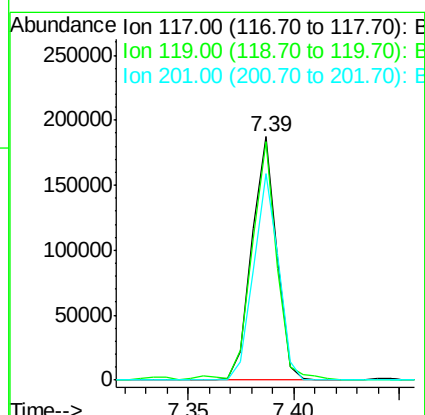
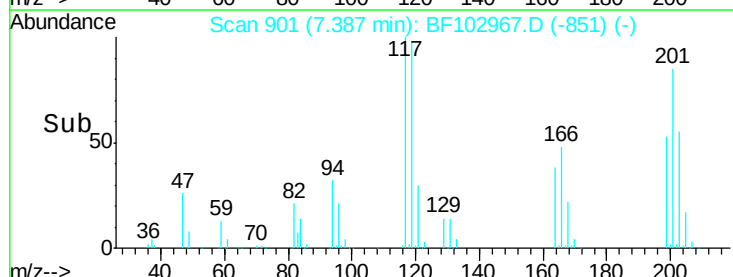
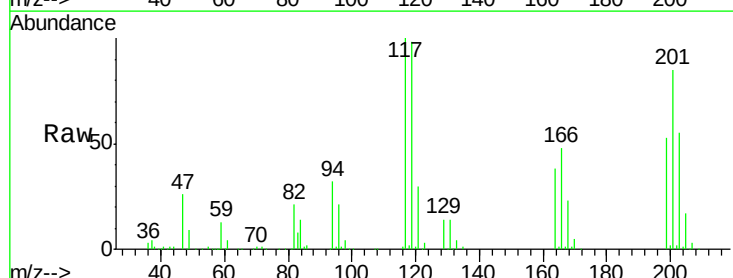
Manual Integrations
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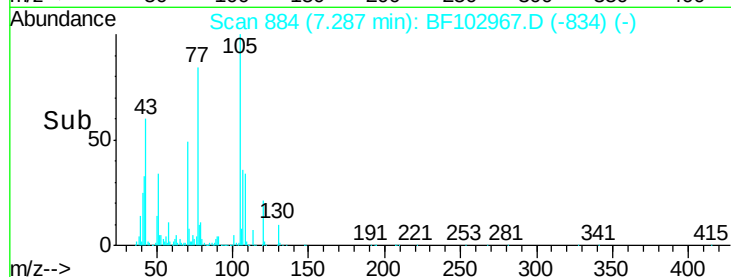
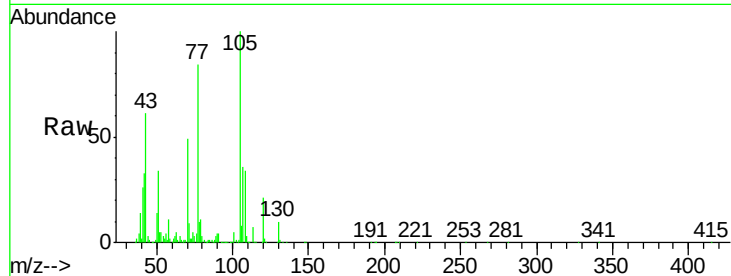
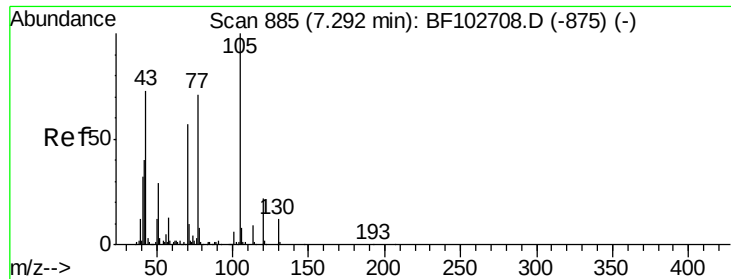
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#18
Hexachloroethane
Concen: 36.857 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF102967.D
Acq: 13 Feb 2018 17:45

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.0	75.8	113.8	
201	84.8	75.7	113.5	





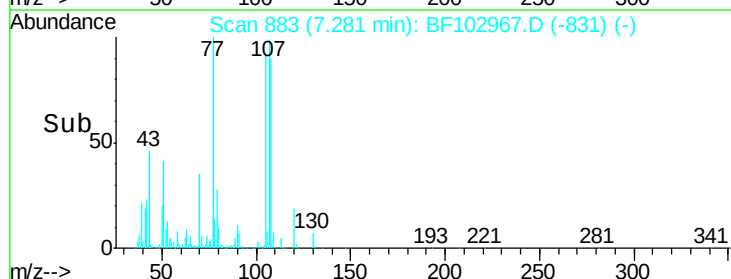
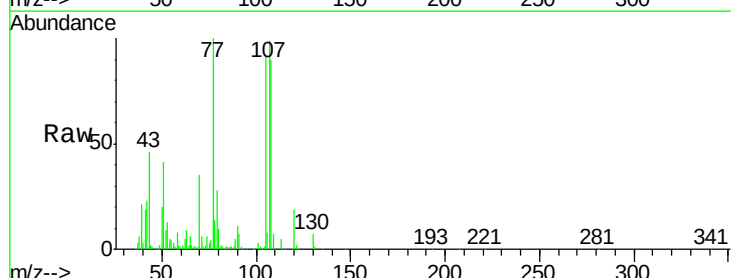
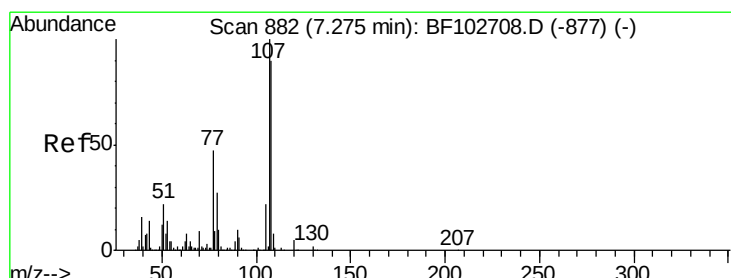
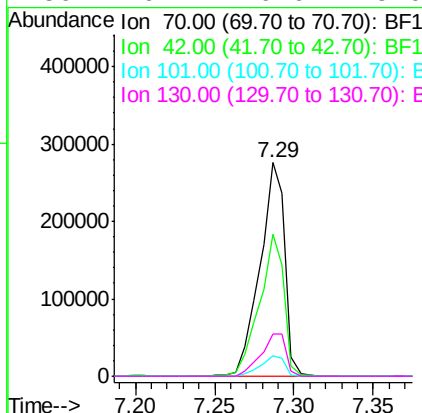
#19
n-Nitroso-di-n-propylamine
Concen: 37.228 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102967.D
Acq: 13 Feb 2018 17:45

Instrument :
BNA_F
ClientSampleId :
SU-03-021218MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	66.8	47.5	71.3
101	9.8	7.4	11.2
130	20.1	16.6	25.0

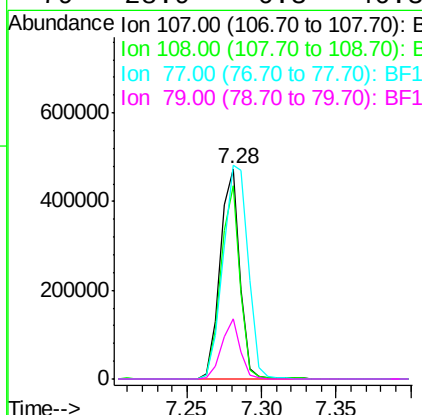
Manual Integrations
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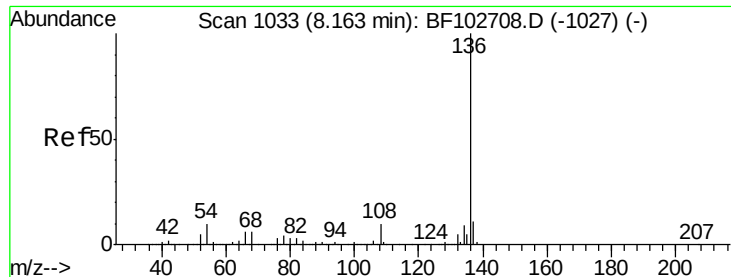
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#20
3+4-Methylphenols
Concen: 36.876 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.01 min
Lab File: BF102967.D
Acq: 13 Feb 2018 17:45

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.6	68.2	108.2
77	101.5	26.7	66.7#
79	28.9	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

Instrument :

BNA_F

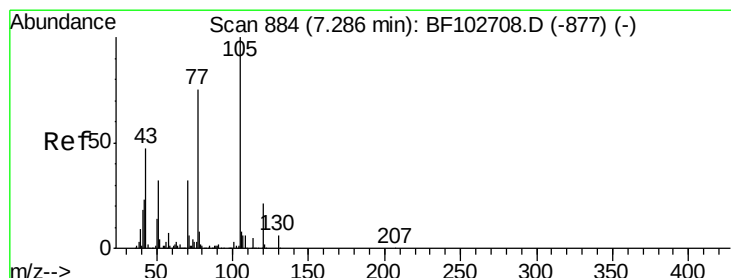
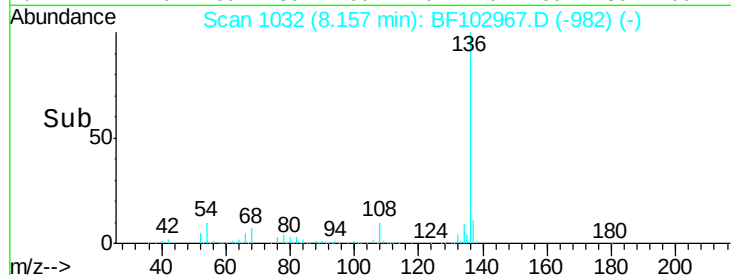
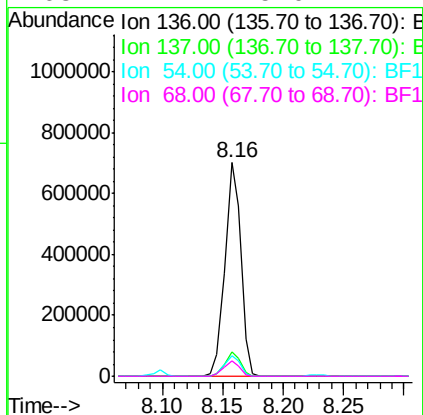
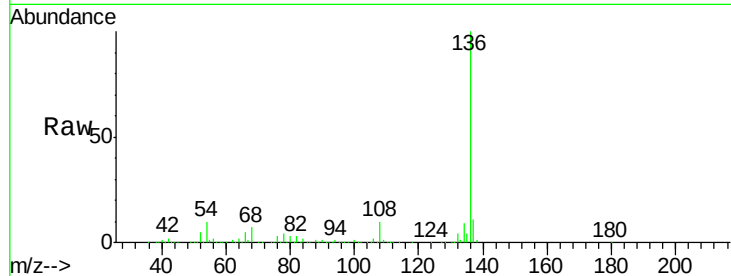
ClientSampleId :

SU-03-021218MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		639903		
137	11.2		8.9	13.3	
54	9.6		6.6	9.8	
68	7.1		5.0	7.4	

Manual Integrations
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#22

Acetophenone

Concen: 37.954 ng

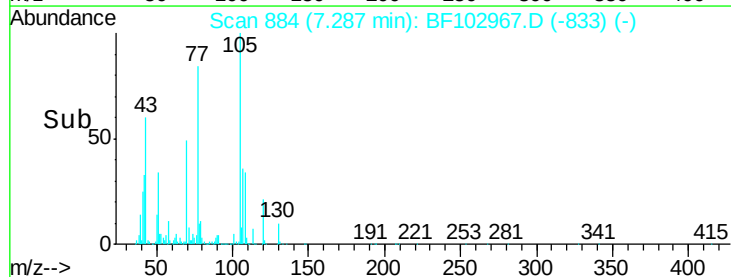
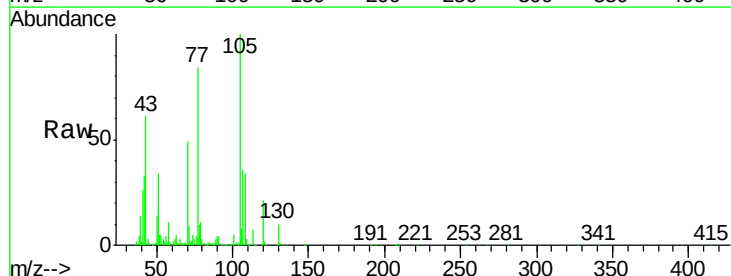
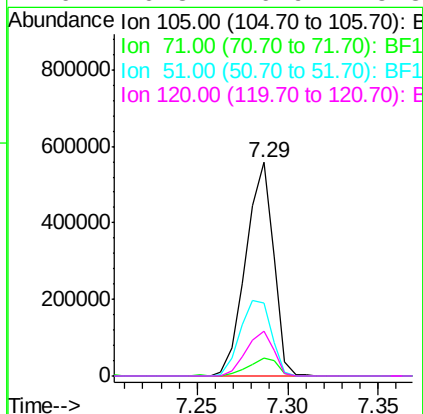
RT: 7.29 min Scan# 884

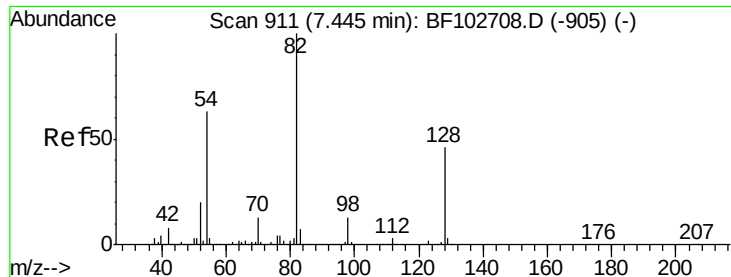
Delta R.T. 0.00 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		594318		
71	8.6		4.4	6.6#	
51	34.1		22.3	33.5#	
120	20.8		16.9	25.3	





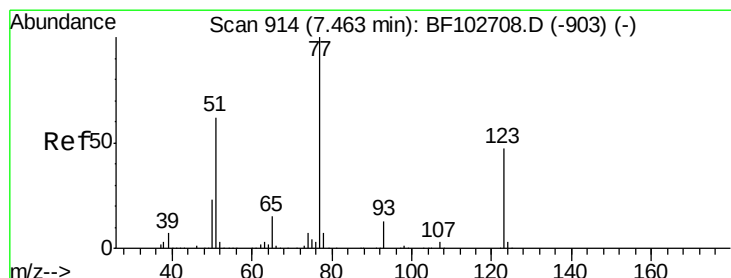
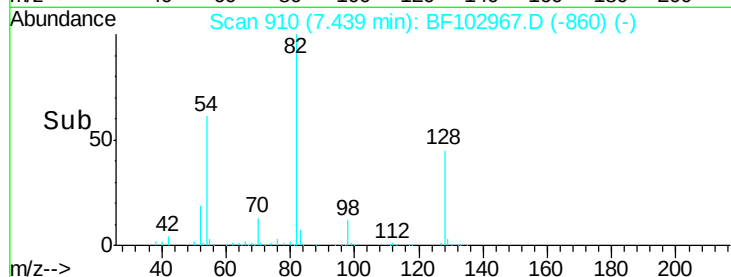
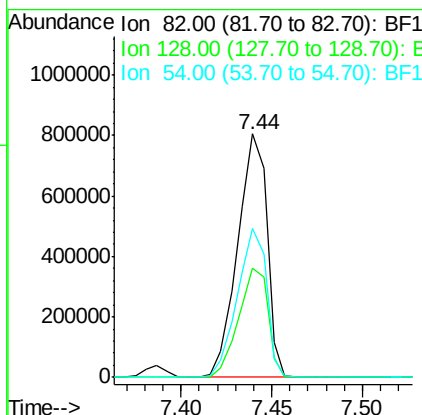
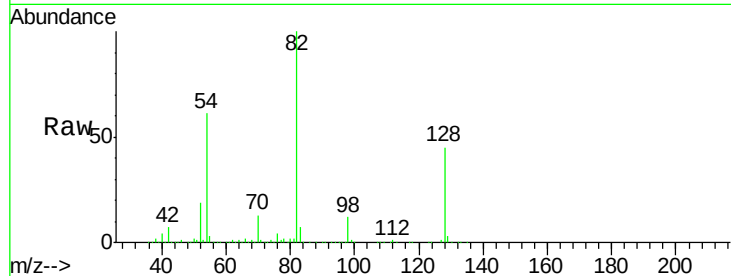
#23
Nitrobenzene-d5
Concen: 97.983 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF102967.D
Acq: 13 Feb 2018 17:45

Instrument :
BNA_F
ClientSampleId :
SU-03-021218MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	903833		
128	45.0	36.1	54.1	
54	61.0	41.4	62.2	

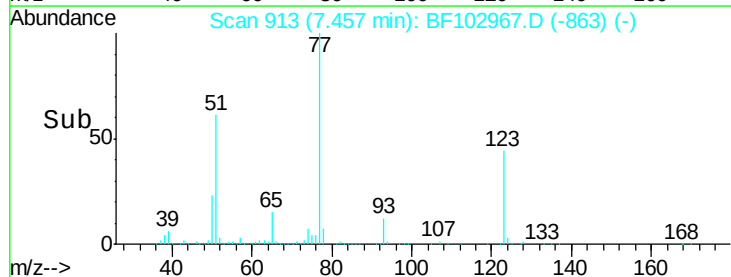
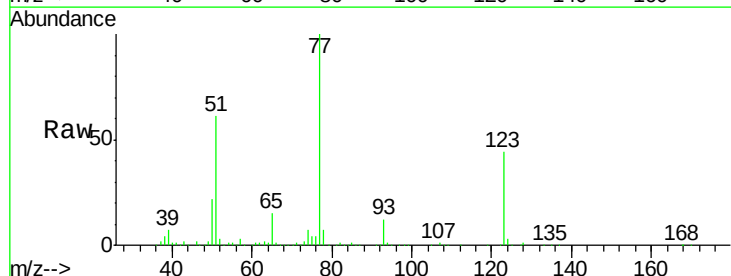
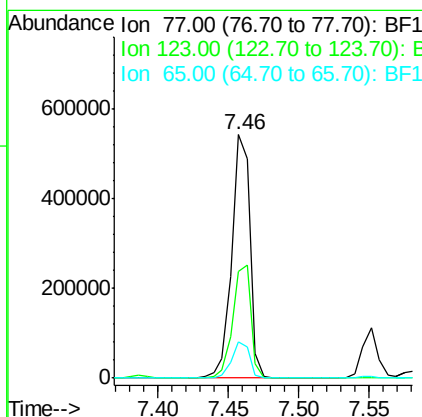
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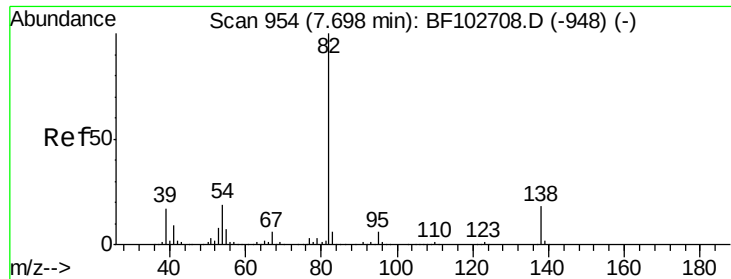
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#24
Nitrobenzene
Concen: 44.886 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF102967.D
Acq: 13 Feb 2018 17:45

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	487033		
123	43.6	37.9	56.9	
65	14.7	11.0	16.4	





#25

Isophorone

Concen: 41.584 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

Instrument :

BNA_F

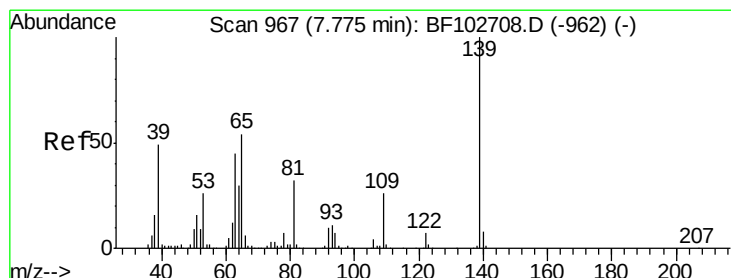
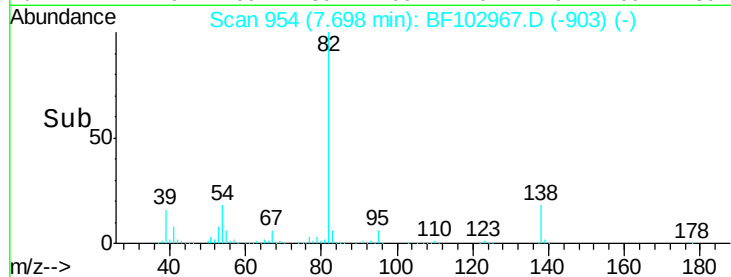
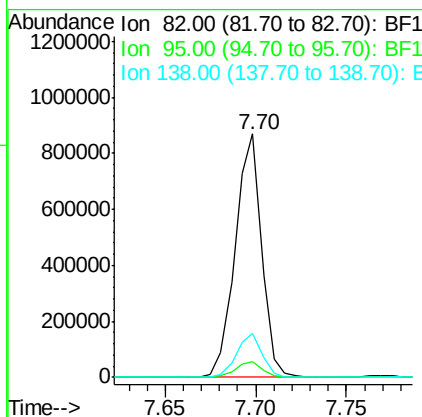
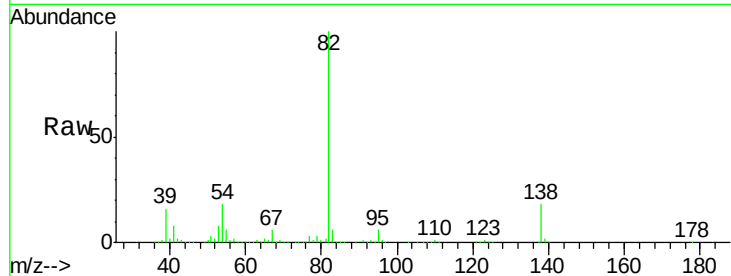
ClientSampleId :

SU-03-021218MSD

Tot Ion:	82	Resp:	883267
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.2	7.8
138	17.8	14.9	22.3

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#26

2-Nitrophenol

Concen: 50.863 ng

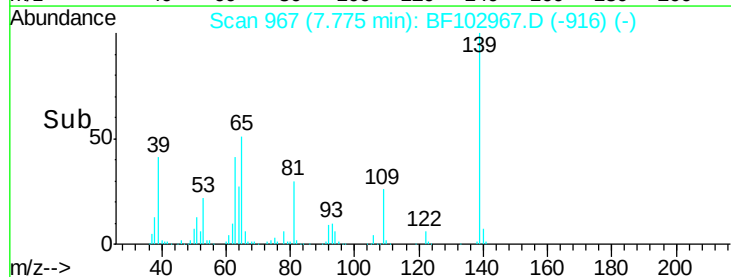
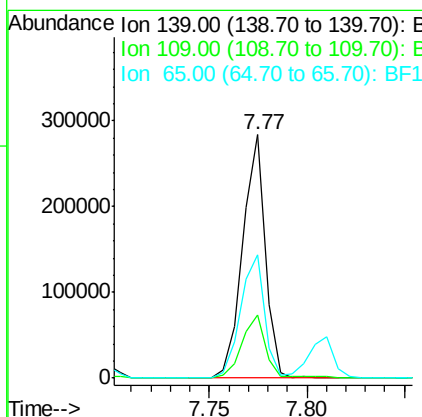
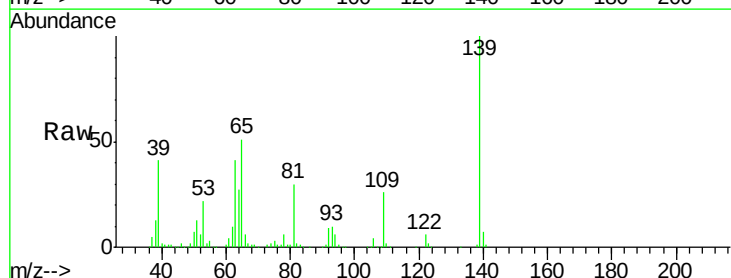
RT: 7.77 min Scan# 967

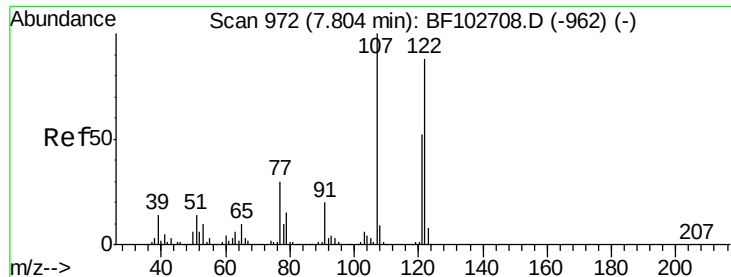
Delta R.T. 0.00 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

Tgt Ion:	139	Resp:	229546
Ion Ratio	Lower	Upper	
139	100		
109	25.7	22.7	34.1
65	50.8	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 44.501 ng

RT: 7.81 min Scan# 973

Delta R.T. 0.01 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

Instrument :

BNA_F

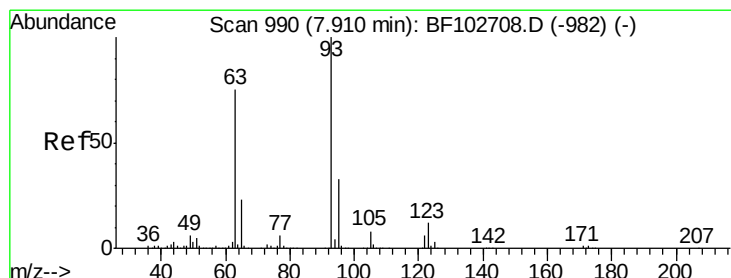
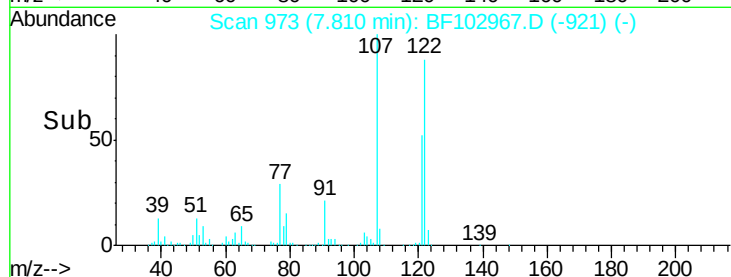
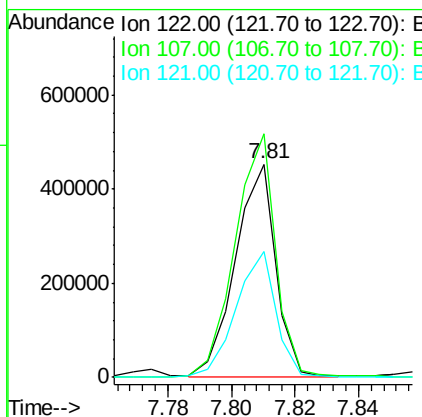
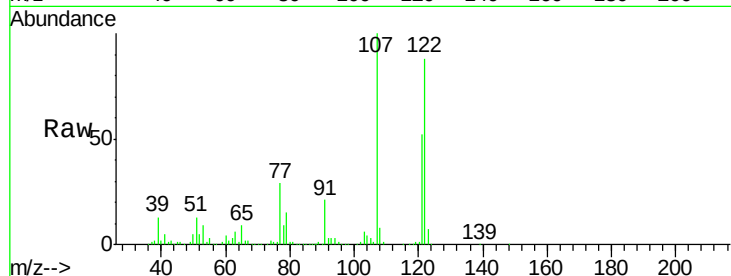
ClientSampleId :

SU-03-021218MSD

Tot Ion:	122	Resp:	399339
Ion Ratio	Lower	Upper	
122	100		
107	114.2	91.2	136.8
121	58.9	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 44.569 ng

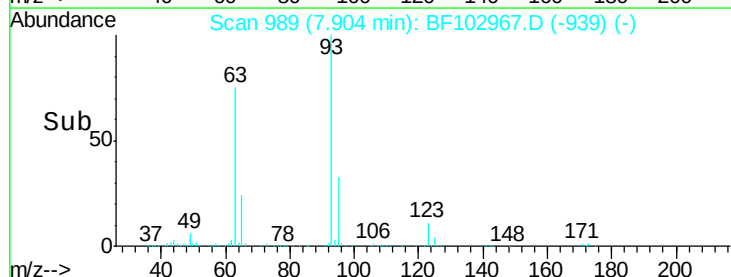
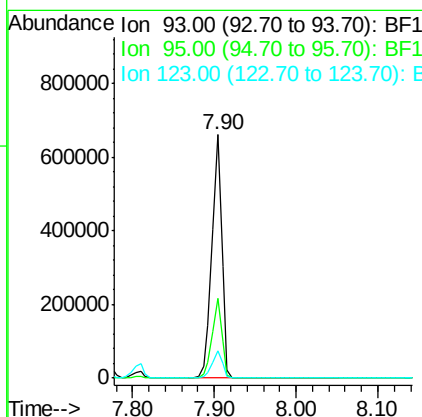
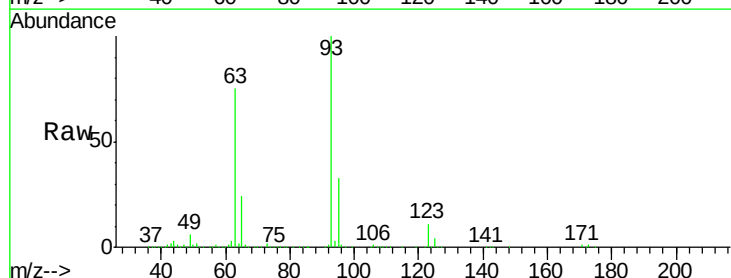
RT: 7.90 min Scan# 989

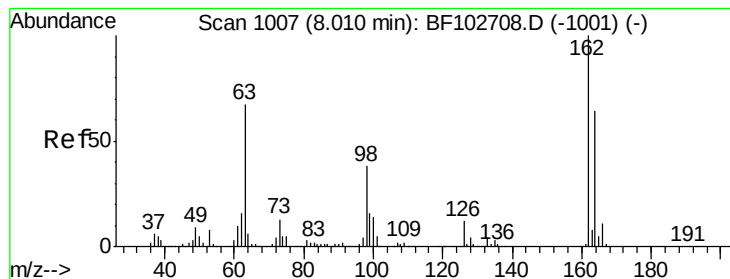
Delta R.T. -0.01 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

Tgt Ion:	93	Resp:	560805
Ion Ratio	Lower	Upper	
93	100		
95	33.0	26.3	39.5
123	11.4	9.8	14.6





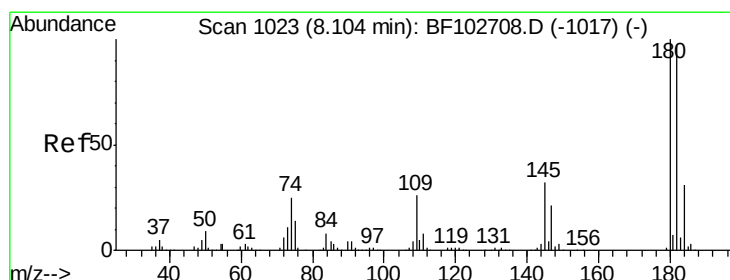
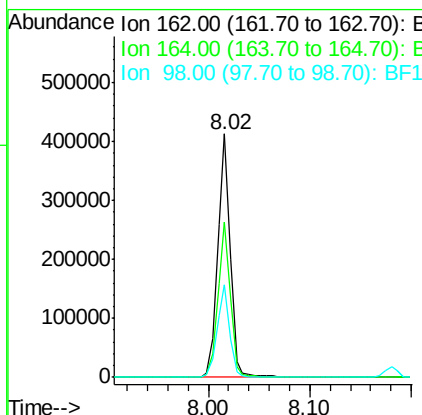
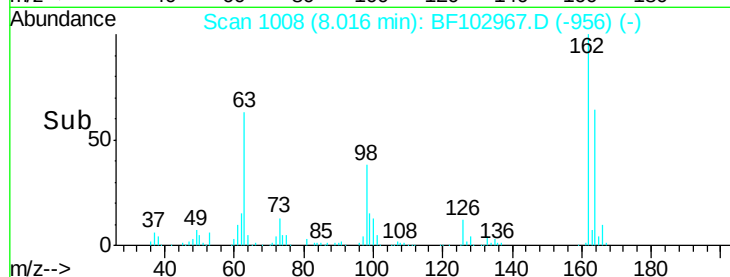
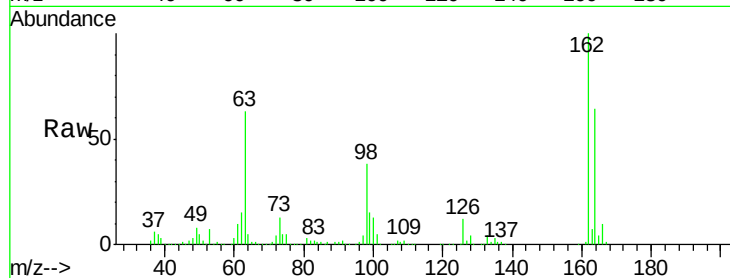
#29
 2,4-Dichlorophenol
 Concen: 43.280 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. 0.01 min
 Lab File: BF102967.D
 Acq: 13 Feb 2018 17:45

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-021218MSD

Tot Ion:	162	Resp:	353069
Ion Ratio	Lower	Upper	
162	100		
164	63.8	42.7	82.7
98	38.1	18.1	58.1

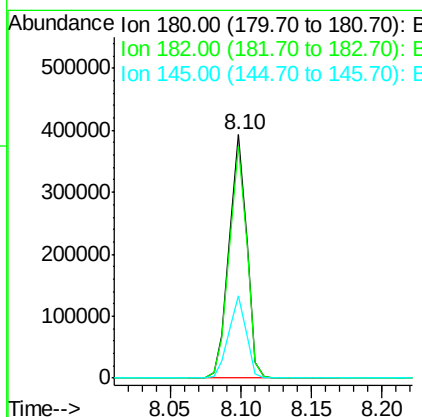
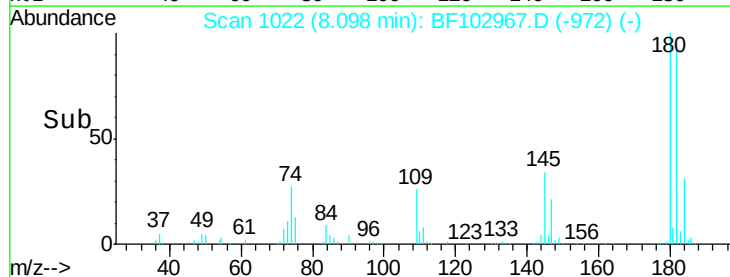
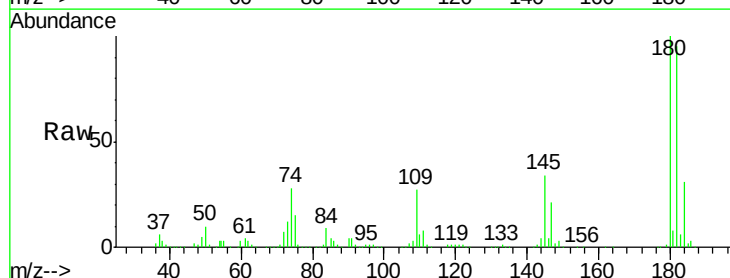
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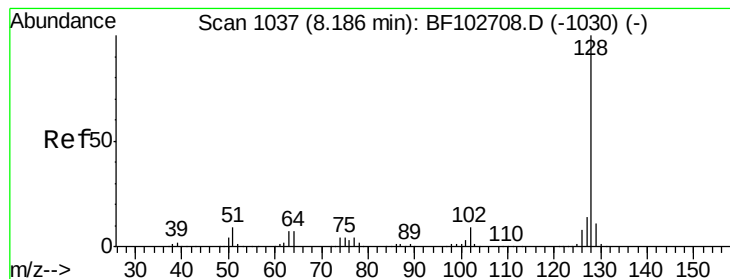
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#30
 1,2,4-Trichlorobenzene
 Concen: 37.028 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BF102967.D
 Acq: 13 Feb 2018 17:45

Tgt Ion:	180	Resp:	341720
Ion Ratio	Lower	Upper	
180	100		
182	95.4	76.8	115.2
145	33.8	26.5	39.7





#31

Naphthalene

Concen: 38.295 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

Instrument :

BNA_F

ClientSampleId :

SU-03-021218MSD

Tot Ion:128 Resp: 1197256

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

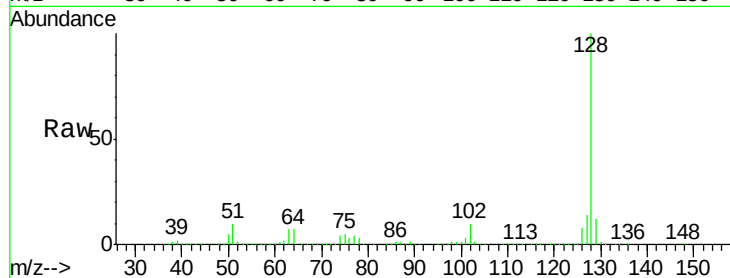
127 13.7 10.9 16.3

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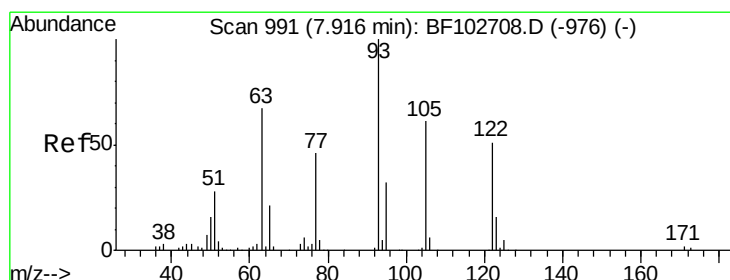
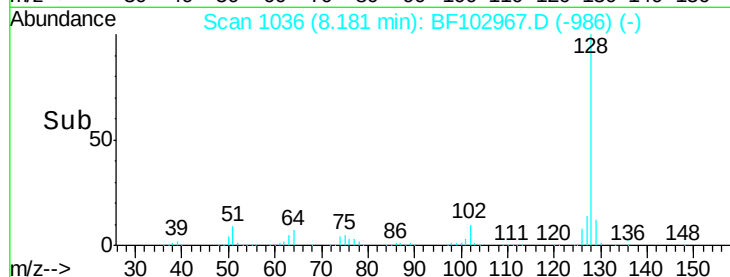
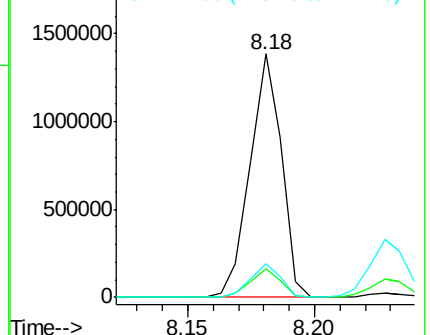
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 15.578 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.03 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

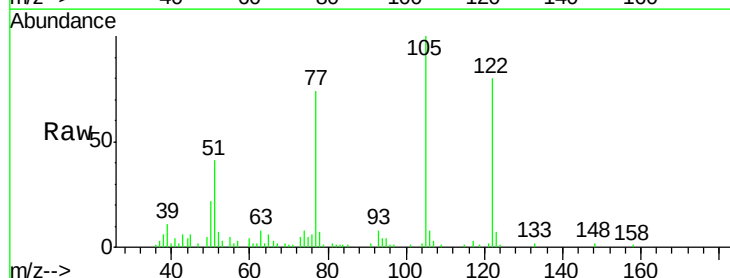
Tgt Ion:122 Resp: 47471

Ion Ratio Lower Upper

122 100

105 125.0 101.1 141.1

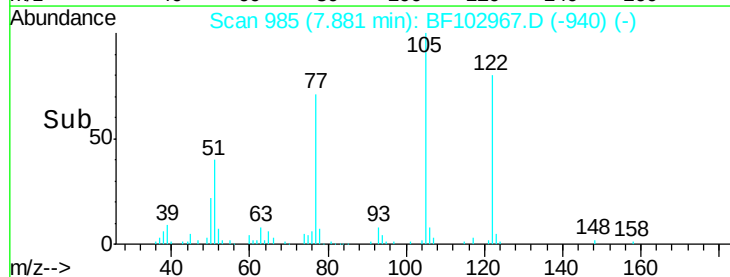
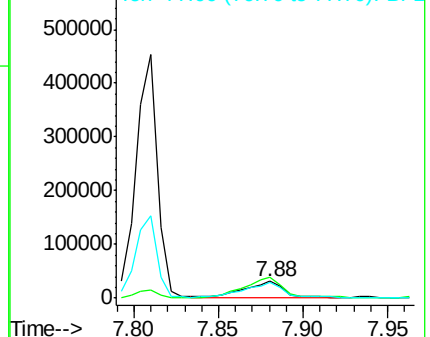
77 92.7 70.7 110.7

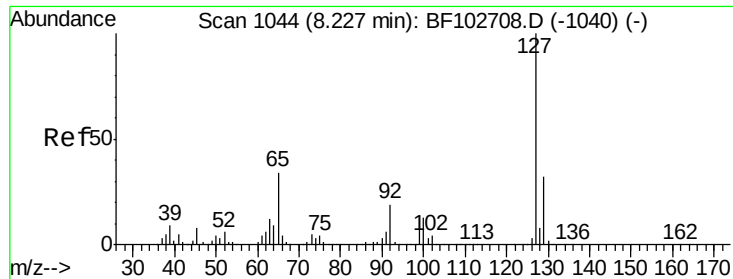


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





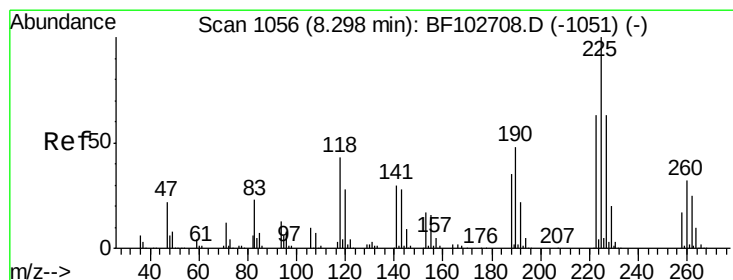
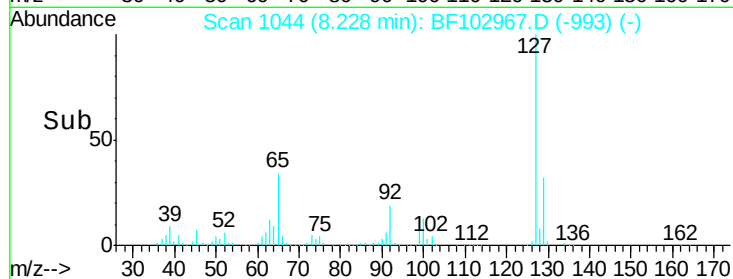
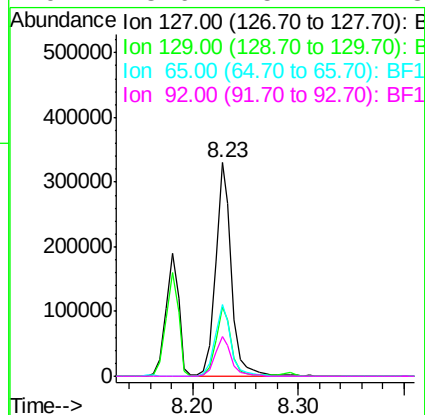
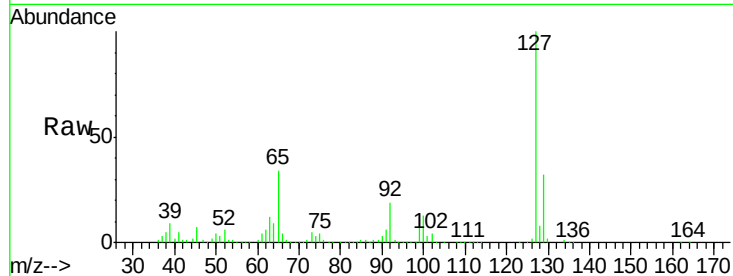
#33
 4-Chloroaniline
 Concen: 25.890 ng
 RT: 8.23 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF102967.D
 Acq: 13 Feb 2018 17:45

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-021218MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.3		25.9	38.9	
65	33.9		25.0	37.4	
92	18.6		15.2	22.8	

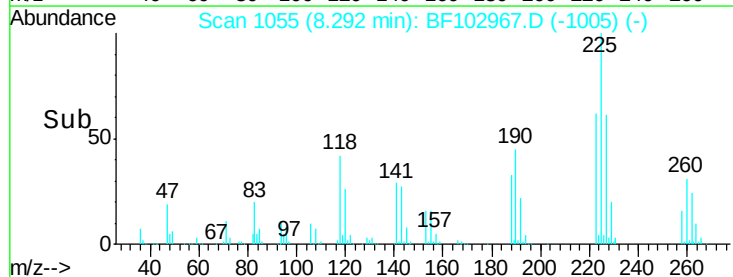
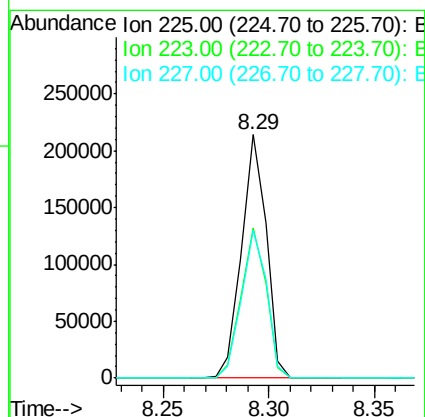
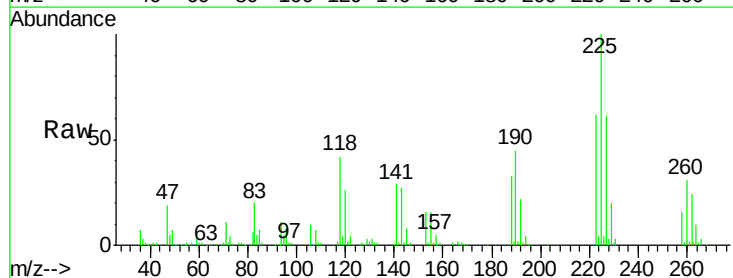
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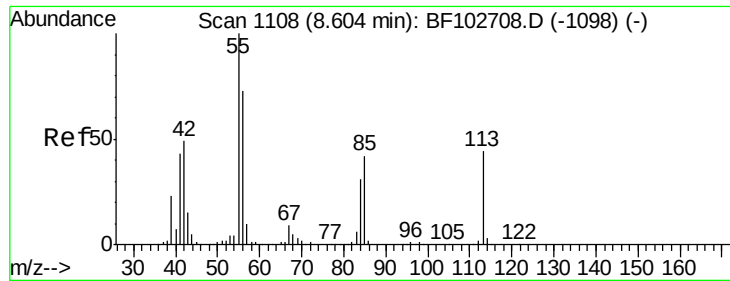
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#34
 Hexachlorobutadiene
 Concen: 36.730 ng
 RT: 8.29 min Scan# 1055
 Delta R.T. -0.01 min
 Lab File: BF102967.D
 Acq: 13 Feb 2018 17:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.7		50.6	76.0	
227	60.8		51.9	77.9	





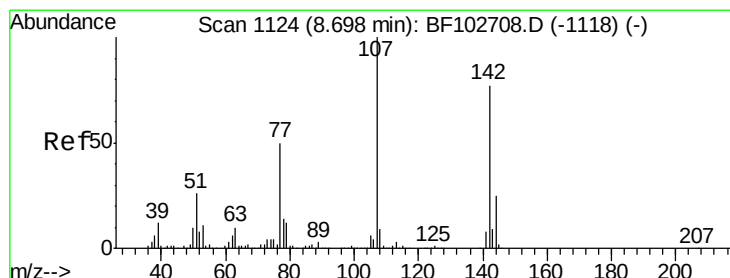
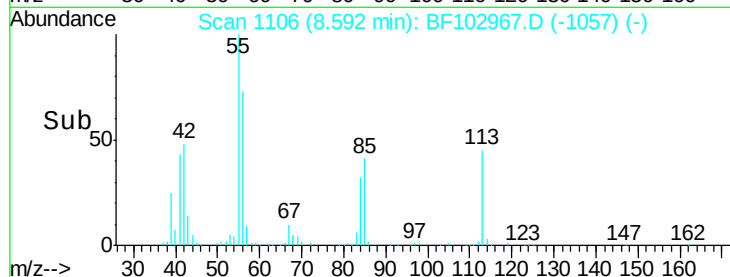
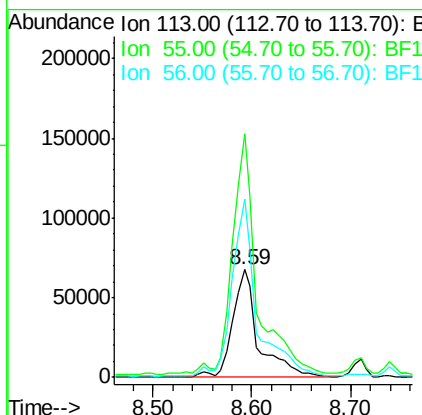
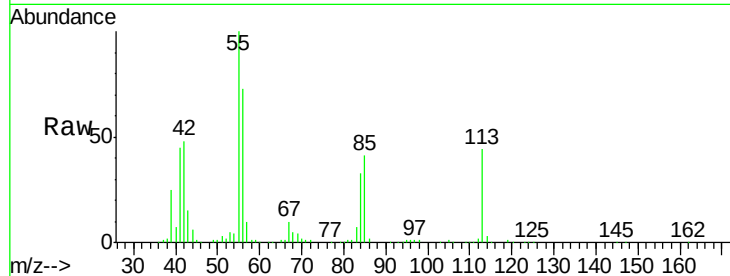
#35
 Caprolactam
 Concen: 43.117 ng/ml
 RT: 8.59 min Scan# 1106
 Delta R.T. -0.01 min
 Lab File: BF102967.D
 Acq: 13 Feb 2018 17:45

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-021218MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	225.9	163.3	203.3#
56	165.5	115.7	155.7#

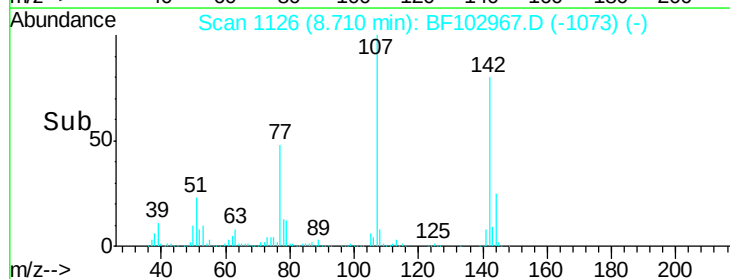
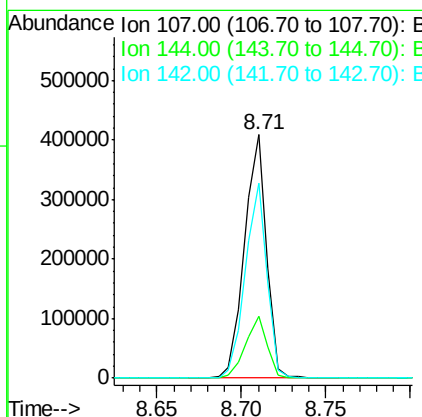
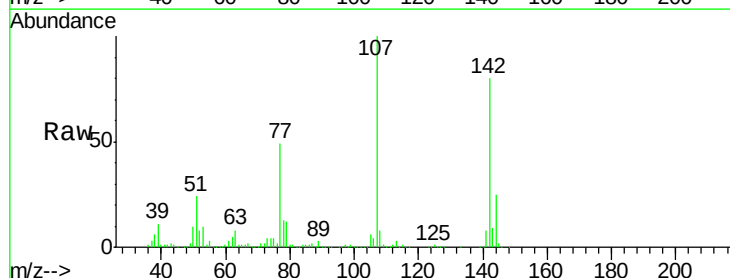
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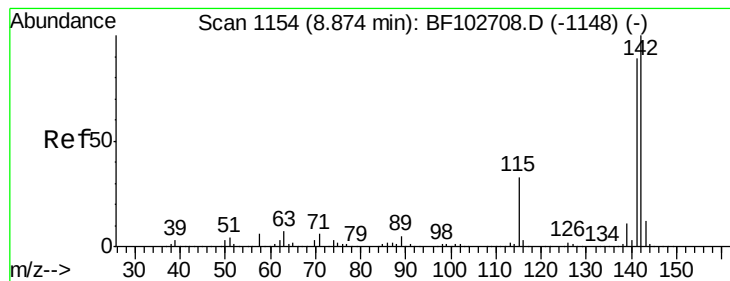
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#36
 4-Chloro-3-methylphenol
 Concen: 40.776 ng/ml
 RT: 8.71 min Scan# 1126
 Delta R.T. 0.01 min
 Lab File: BF102967.D
 Acq: 13 Feb 2018 17:45

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.5	20.5	30.7
142	80.0	62.0	93.0





#37

2-Methylnaphthalene

Concen: 37.930 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

Instrument :

BNA_F

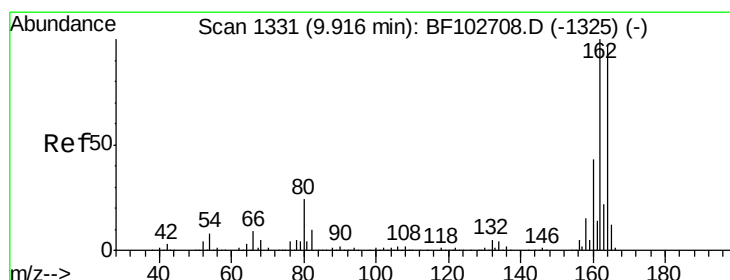
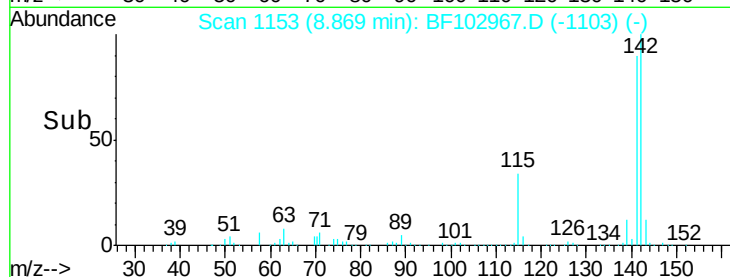
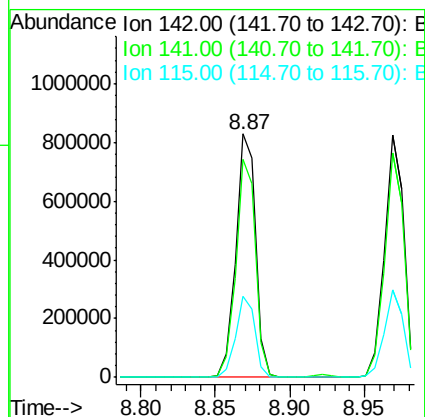
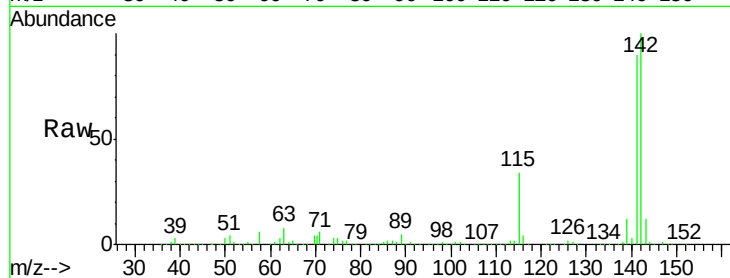
ClientSampleId :

SU-03-021218MSD

Tot Ion:	142	Resp:	776404
Ion Ratio	Lower	Upper	
142	100		
141	89.8	70.8	106.2
115	33.6	26.1	39.1

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#38

Acenaphthene-d10

Concen: 20.000 ng

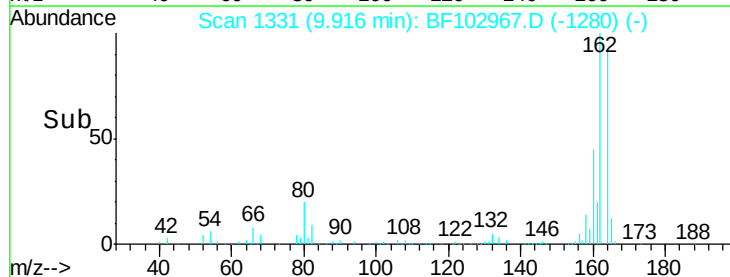
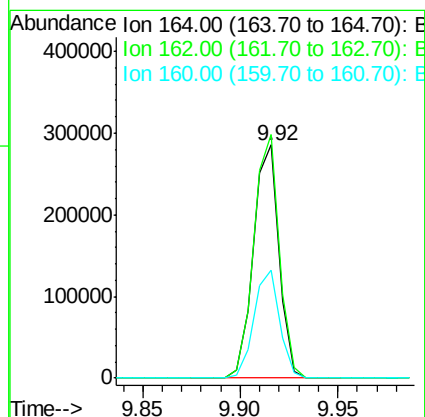
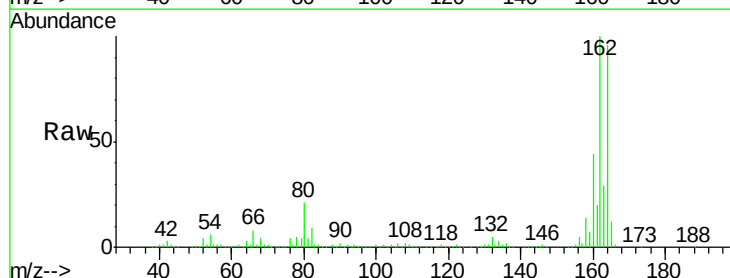
RT: 9.92 min Scan# 1331

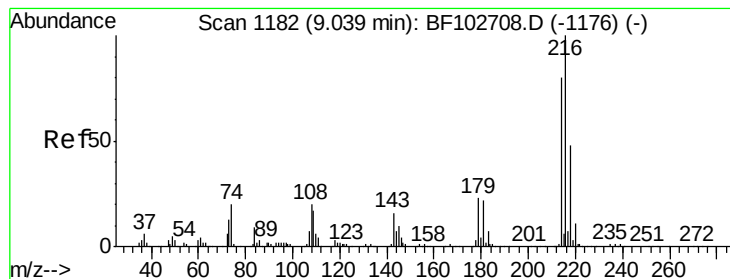
Delta R.T. 0.00 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

Tgt Ion:	164	Resp:	259067
Ion Ratio	Lower	Upper	
164	100		
162	104.5	86.1	129.1
160	46.4	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.132 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

Instrument :

BNA_F

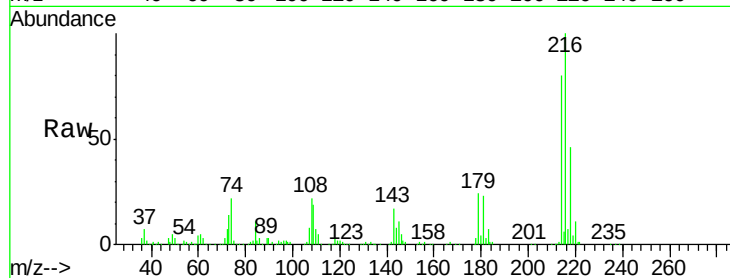
ClientSampleId :

SU-03-021218MSD

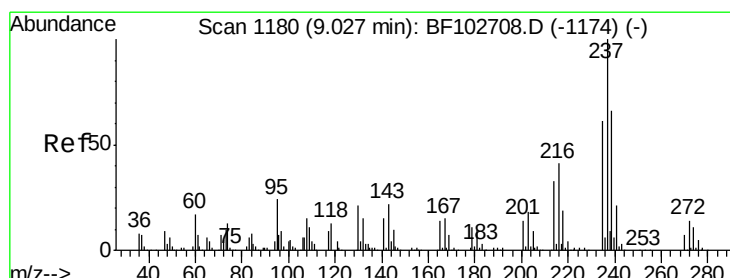
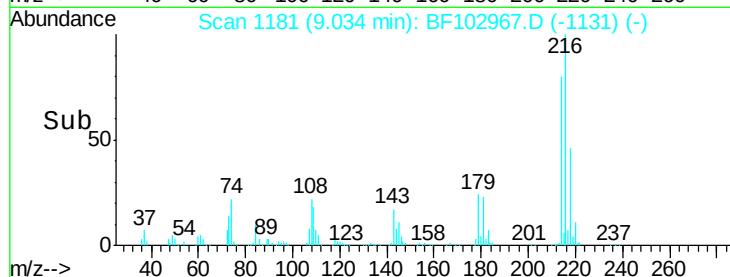
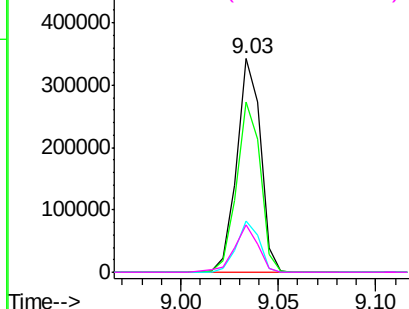
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		290142		
214	79.3		63.0	94.4	
179	23.2		18.1	27.1	
108	21.9		17.2	25.8	

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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: 12.319 ng

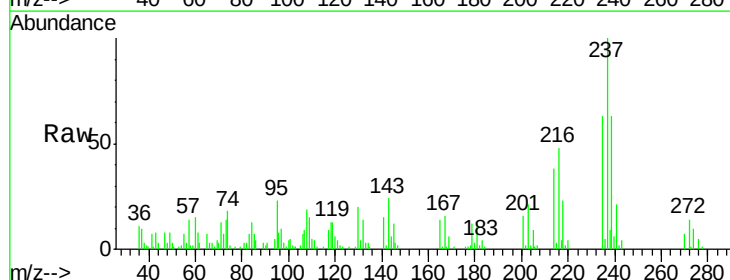
RT: 9.02 min Scan# 1179

Delta R.T. -0.01 min

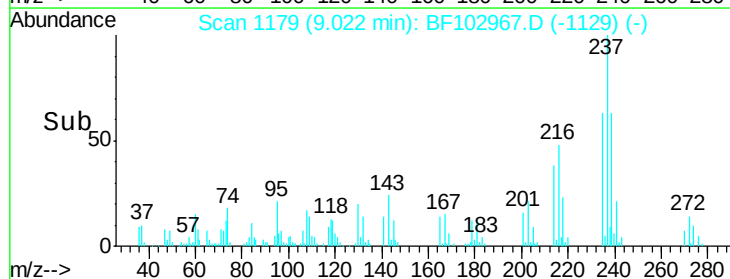
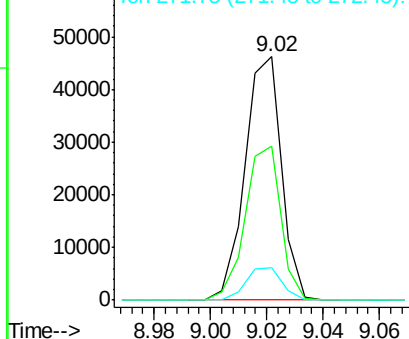
Lab File: BF102967.D

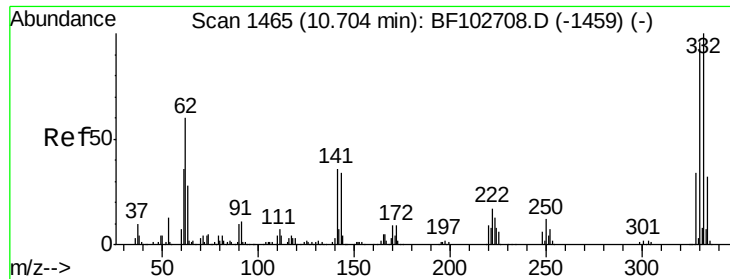
Acq: 13 Feb 2018 17:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		41308		
235	63.4		44.8	84.8	
272	13.5		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





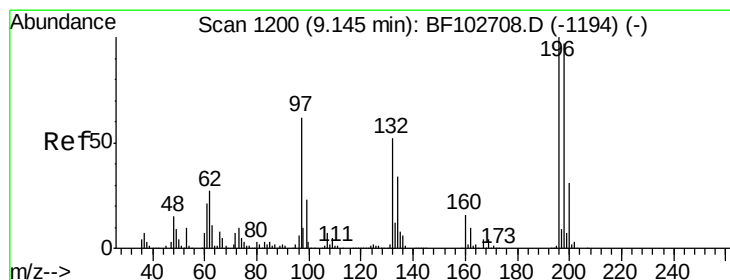
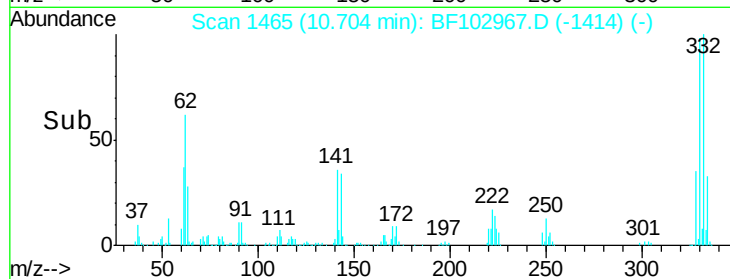
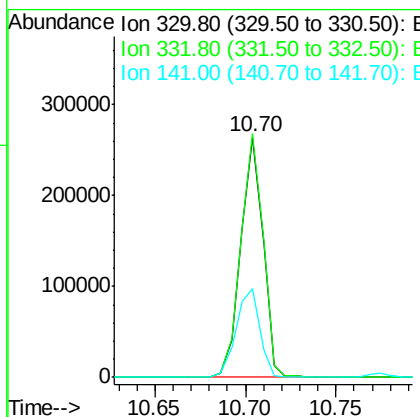
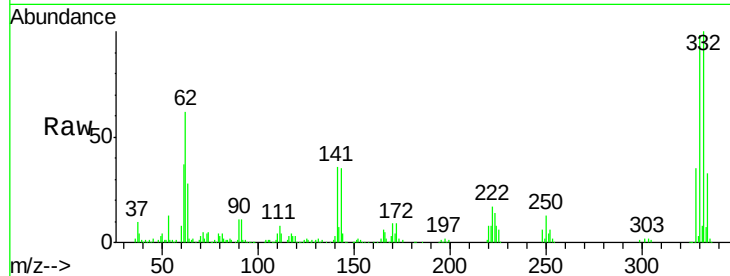
#41
 2,4,6-Tribromophenol
 Concen: 108.346 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: BF102967.D
 Acq: 13 Feb 2018 17:45

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-021218MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	101.6	77.0	115.6	
141	40.0	29.9	44.9	

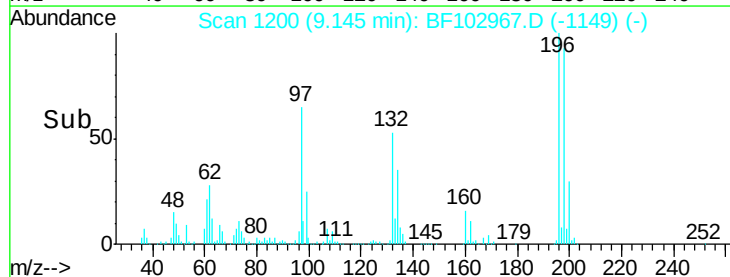
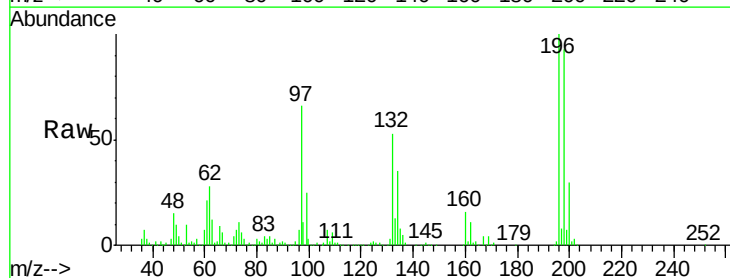
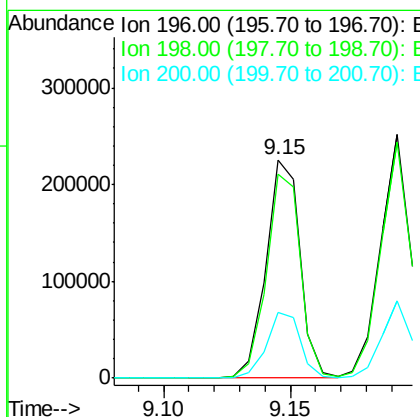
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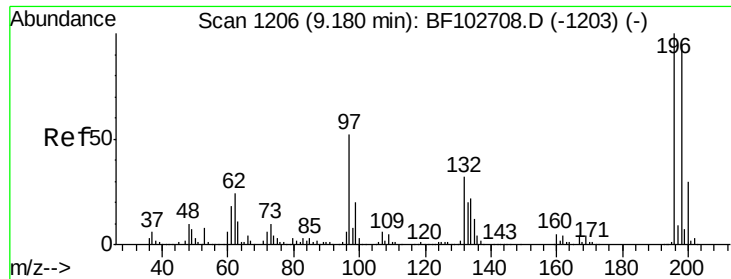
Sohil
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#42
 2,4,6-Trichlorophenol
 Concen: 45.771 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF102967.D
 Acq: 13 Feb 2018 17:45

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	93.5	75.7	113.5	
200	29.9	24.5	36.7	





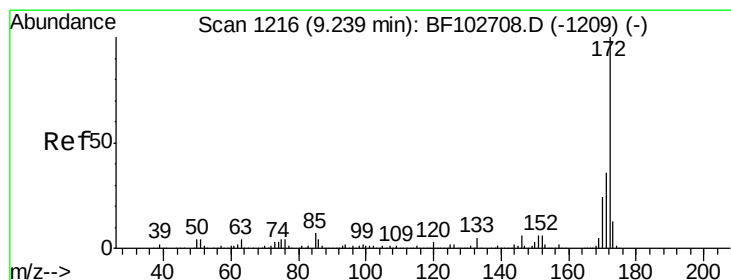
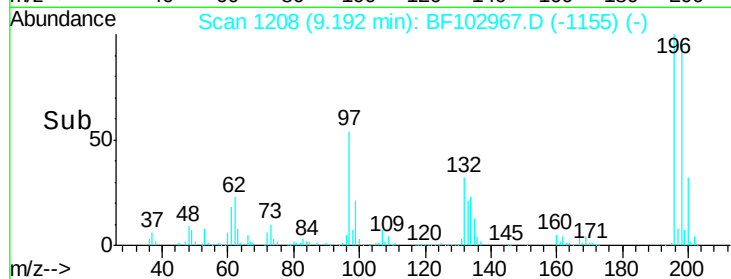
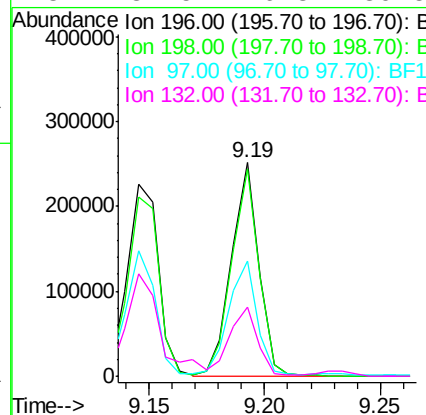
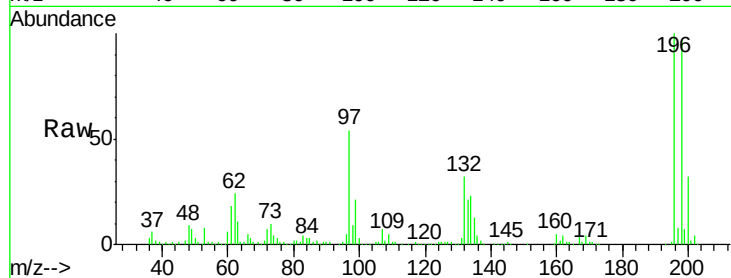
#43
 2,4,5-Trichlorophenol
 Concen: 39.715 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF102967.D
 Acq: 13 Feb 2018 17:45

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-021218MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	207396		
198	97.1	74.6	112.0	
97	54.1	42.9	64.3	
132	32.5	26.3	39.5	

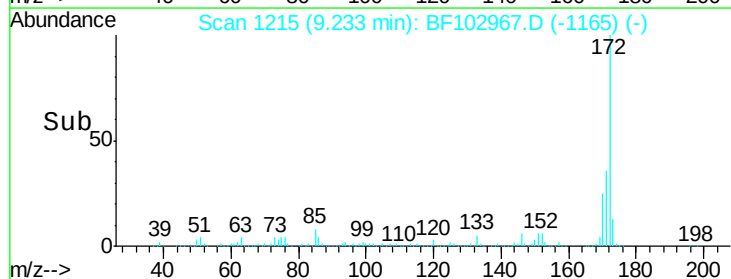
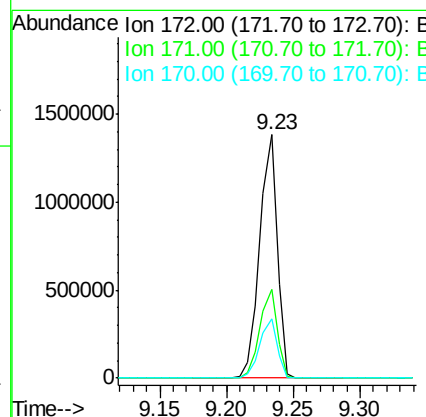
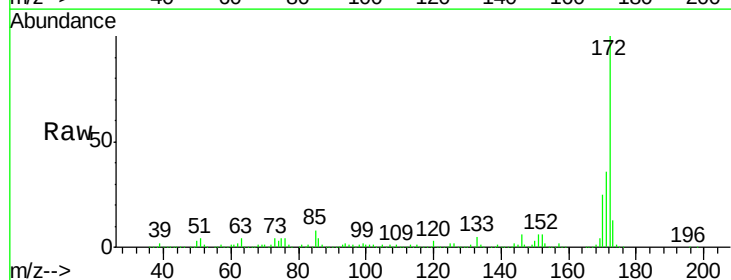
Manual Integrations
 APPROVED

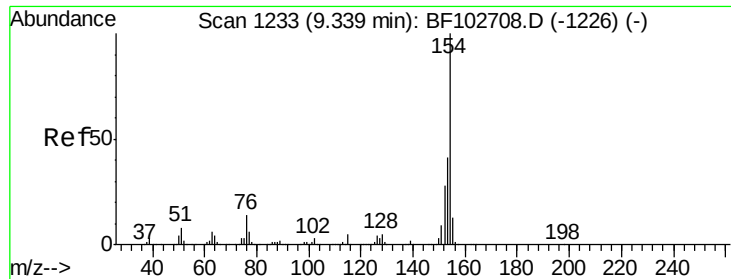
Sohil
 2/14/2018 10:29:42 AM



#44
 2-Fluorobiphenyl
 Concen: 79.175 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF102967.D
 Acq: 13 Feb 2018 17:45

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1236125		
171	36.3	29.7	44.5	
170	24.5	19.6	29.4	





#45

1,1'-Biphenyl

Concen: 39.110 ng

RT: 9.33 min Scan# 1232

Delta R.T. -0.01 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

Instrument :

BNA_F

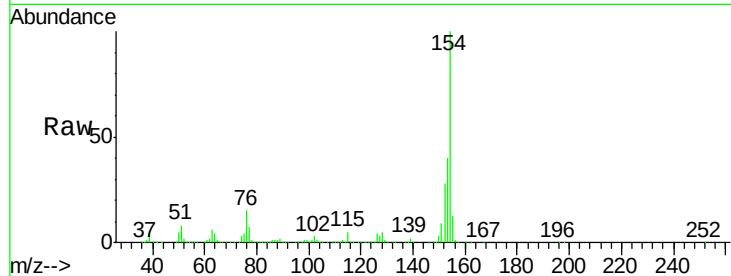
ClientSampleId :

SU-03-021218MSD

Tot Ion:	154	Resp:	853397
Ion Ratio	Lower	Upper	
154	100		
153	40.1	21.3	61.3
76	15.1	0.0	34.0

Manual Integrations
APPROVED

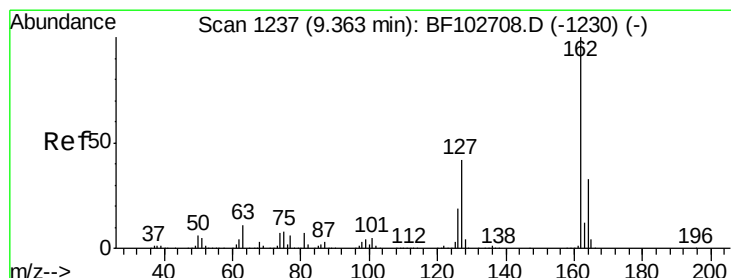
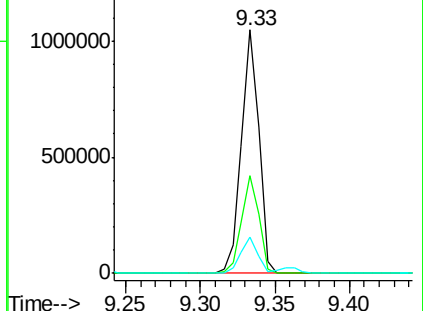
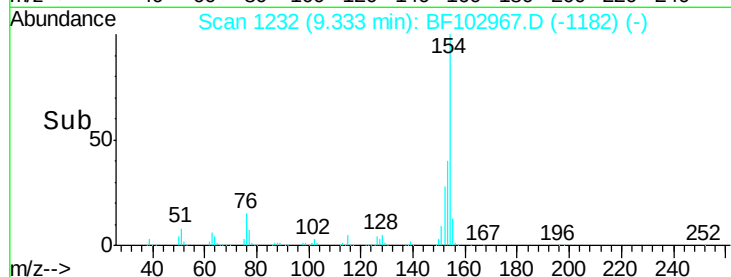
Sohil
2/14/2018 10:29:42 AM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 38.627 ng

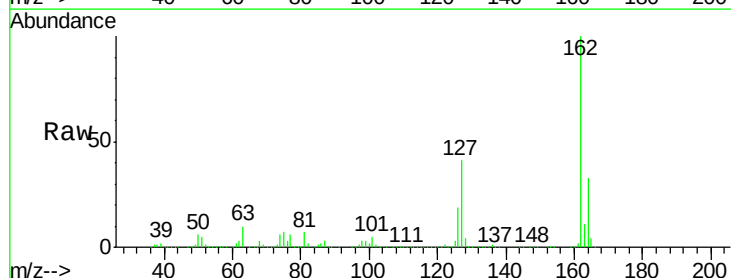
RT: 9.36 min Scan# 1237

Delta R.T. 0.00 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

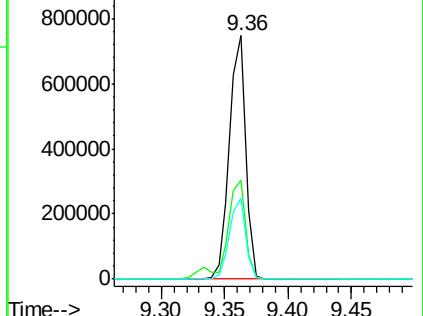
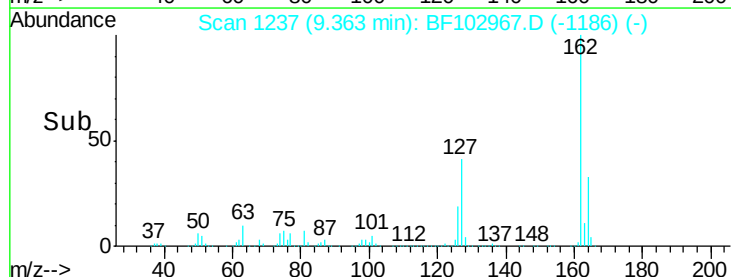
Tgt Ion:	162	Resp:	663565
Ion Ratio	Lower	Upper	
162	100		
127	40.6	33.9	50.9
164	33.3	26.5	39.7

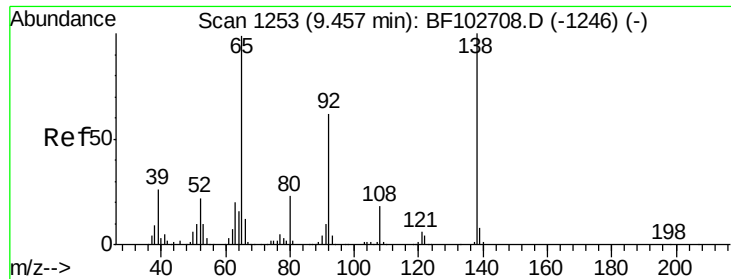


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





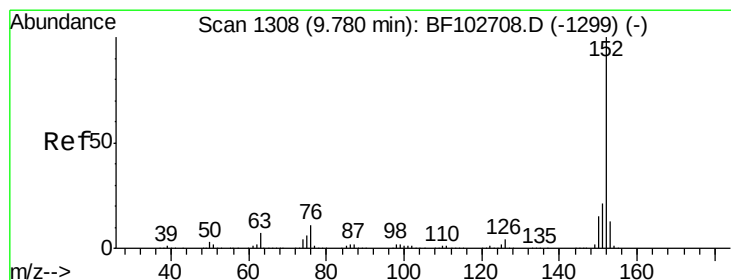
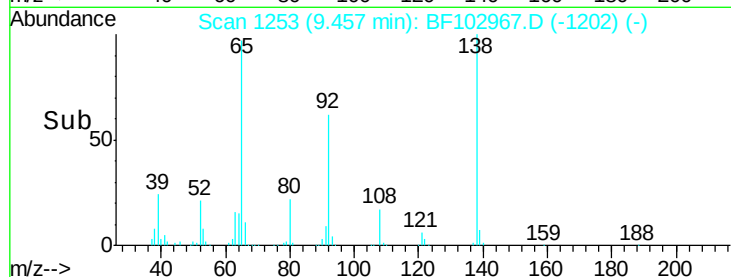
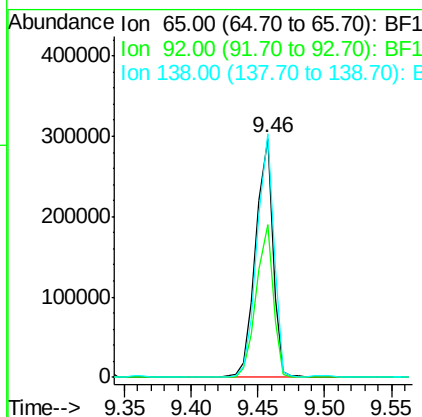
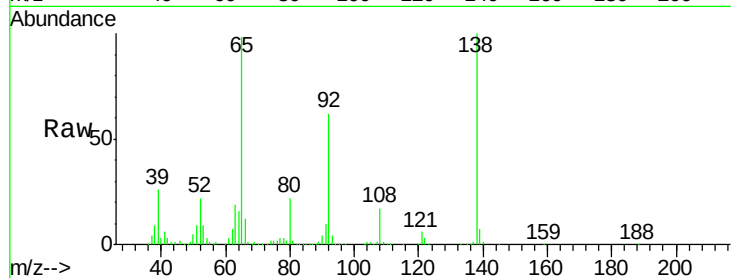
#47
2-Nitroaniline
Concen: 49.072 ng
RT: 9.46 min Scan# 1253
Delta R.T. 0.00 min
Lab File: BF102967.D
Acq: 13 Feb 2018 17:45

Instrument :
BNA_F
ClientSampleId :
SU-03-021218MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.8	55.8	83.6
138	102.0	91.2	136.8

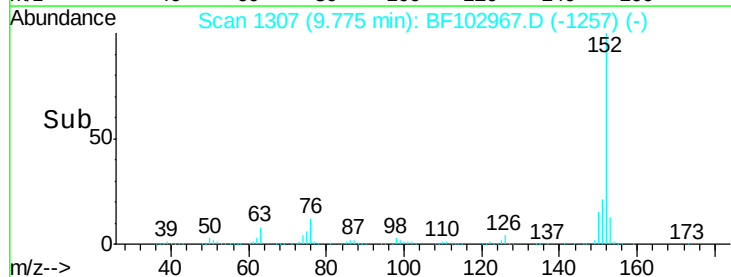
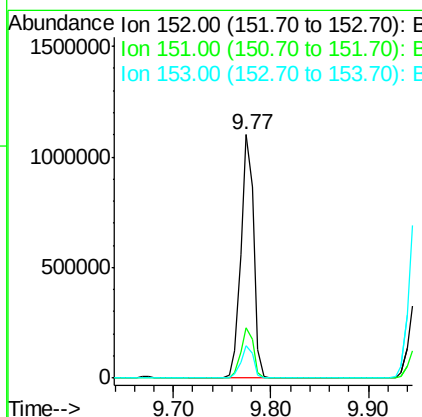
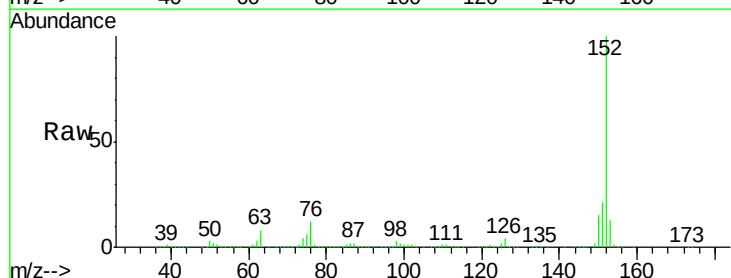
Manual Integrations
APPROVED

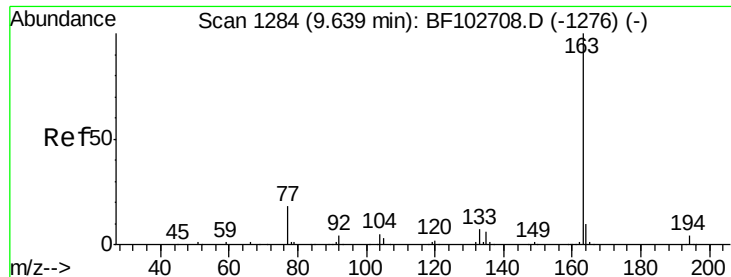
Sohil
2/14/2018 10:29:42 AM



#48
Acenaphthylene
Concen: 37.217 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF102967.D
Acq: 13 Feb 2018 17:45

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.3	24.5
153	13.4	10.7	16.1





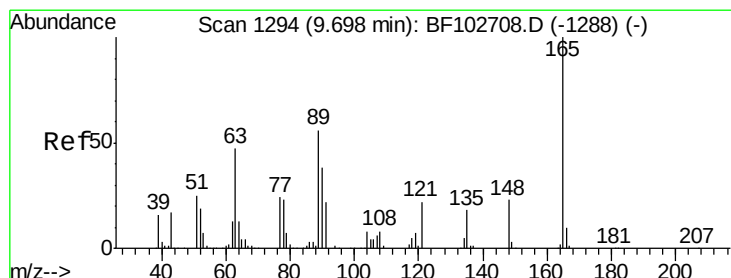
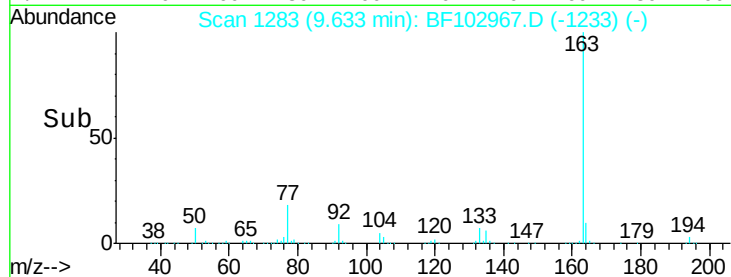
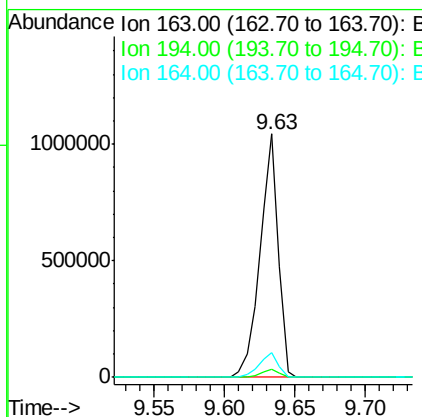
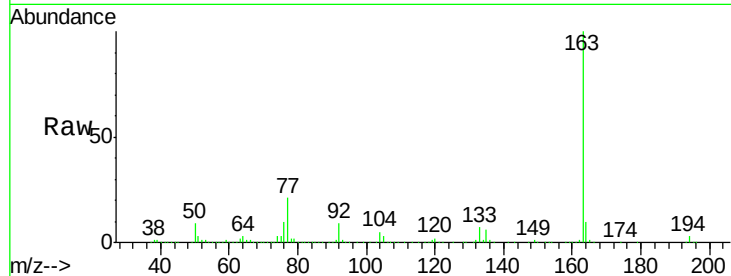
#49
Dimethylphthalate
Concen: 47.352 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF102967.D
Acq: 13 Feb 2018 17:45

Instrument :
BNA_F
ClientSampleId :
SU-03-021218MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.3	2.7	4.1
164	10.1	8.2	12.2

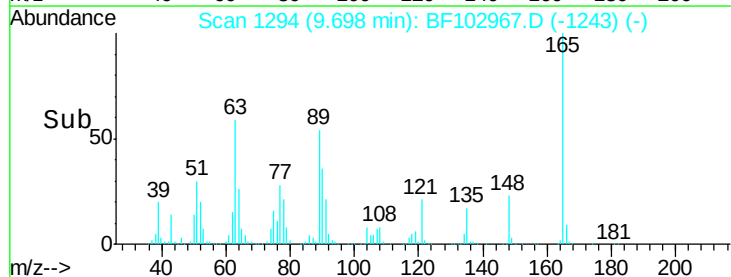
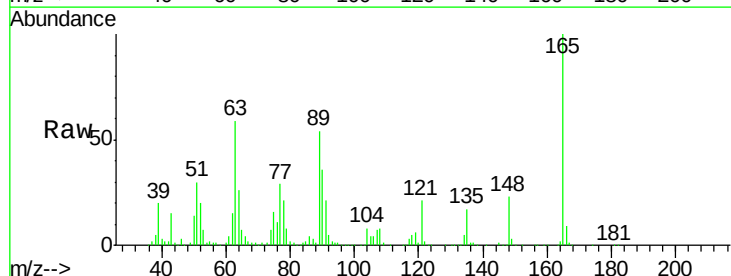
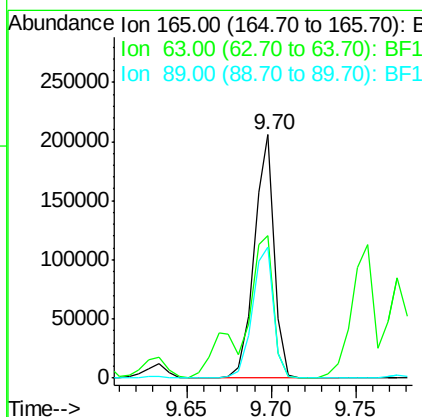
Manual Integrations
APPROVED

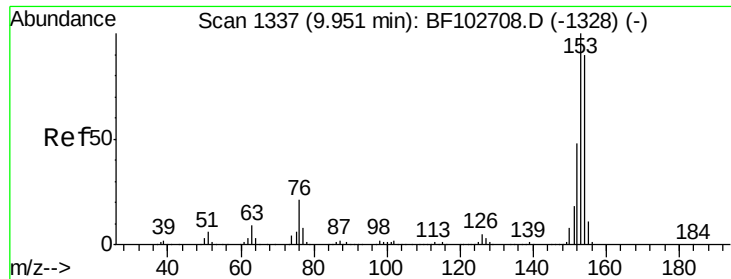
Sohil
2/14/2018 10:29:42 AM



#50
2,6-Dinitrotoluene
Concen: 44.111 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BF102967.D
Acq: 13 Feb 2018 17:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	58.7	44.7	67.1
89	53.7	44.0	66.0





#51

Acenaphthene

Concen: 35.573 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

Instrument :

BNA_F

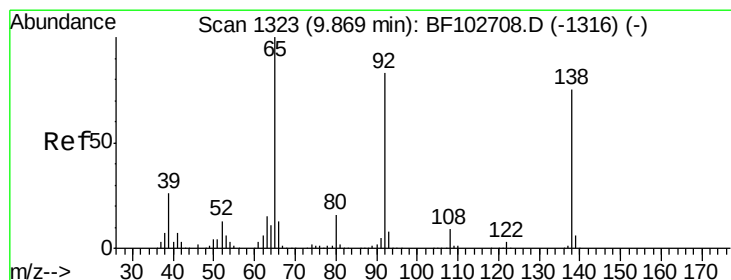
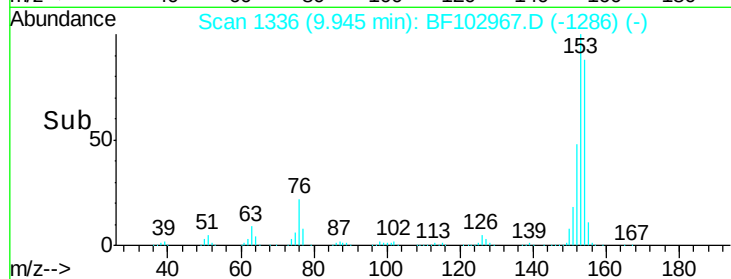
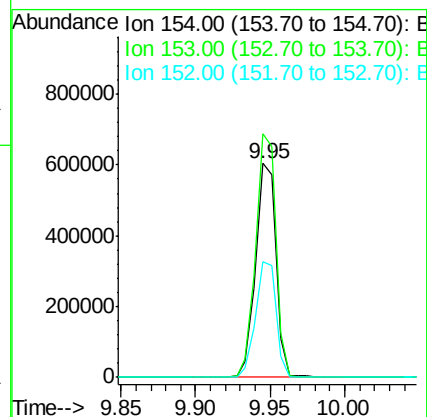
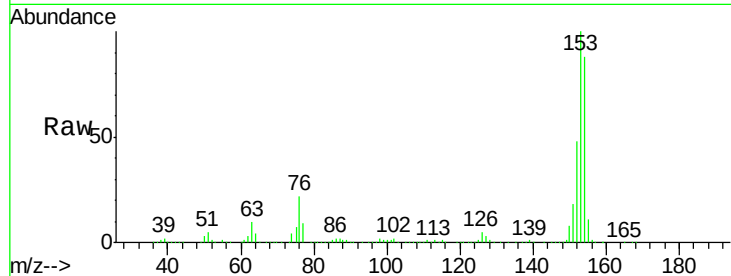
ClientSampleId :

SU-03-021218MSD

Tot Ion:	154	Resp:	567617
Ion Ratio	Lower	Upper	
154	100		
153	113.7	91.2	136.8
152	54.2	43.8	65.8

Manual Integrations
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Sohil
2/14/2018 10:29:42 AM



#52

3-Nitroaniline

Concen: 37.324 ng

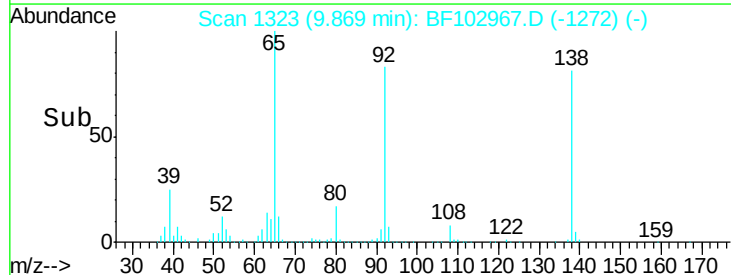
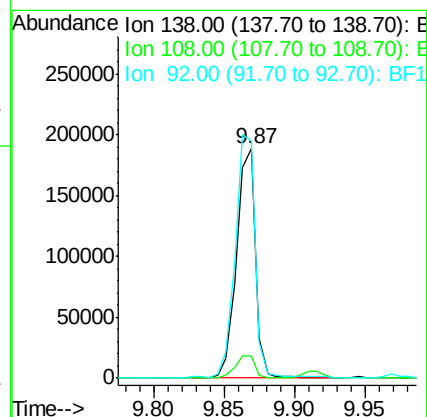
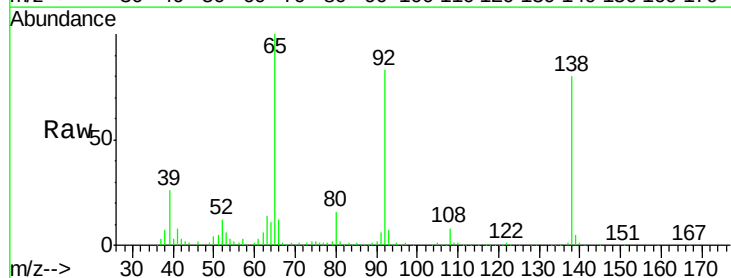
RT: 9.87 min Scan# 1323

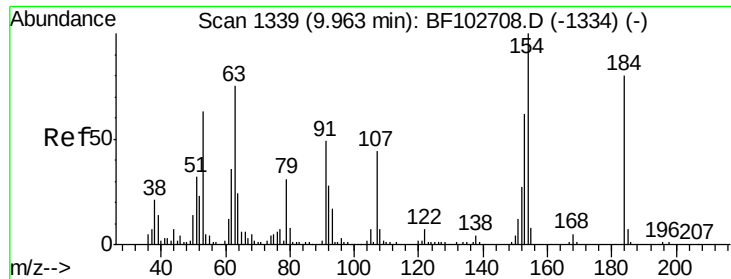
Delta R.T. 0.00 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

Tgt Ion:	138	Resp:	176496
Ion Ratio	Lower	Upper	
138	100		
108	9.9	9.4	14.0
92	103.6	89.4	134.2





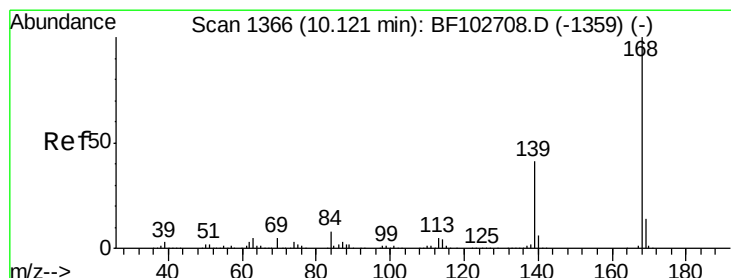
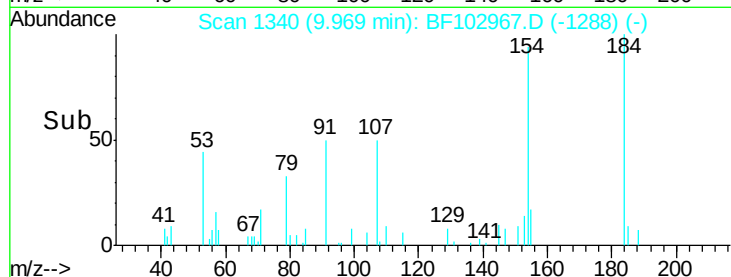
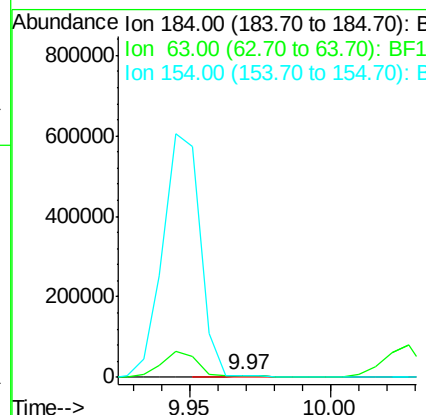
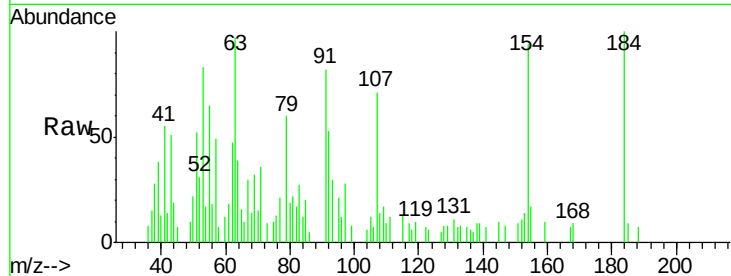
#53
2,4-Dinitrophenol
Concen: 15.048 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF102967.D
Acq: 13 Feb 2018 17:45

Instrument :
BNA_F
ClientSampleId :
SU-03-021218MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	97.2	54.2	81.2#
154	93.8	184.0	276.0#

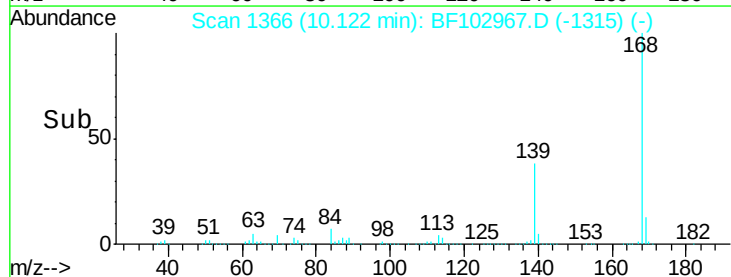
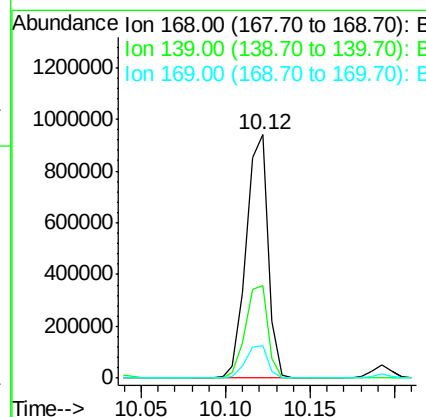
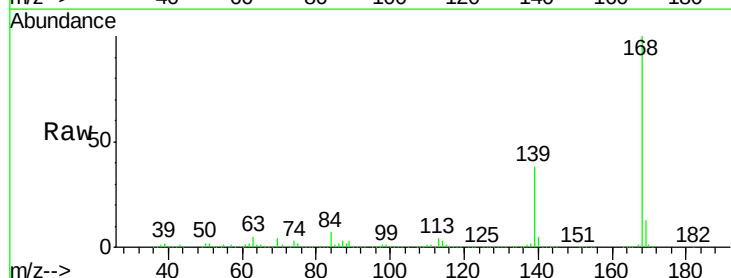
Manual Integrations
APPROVED

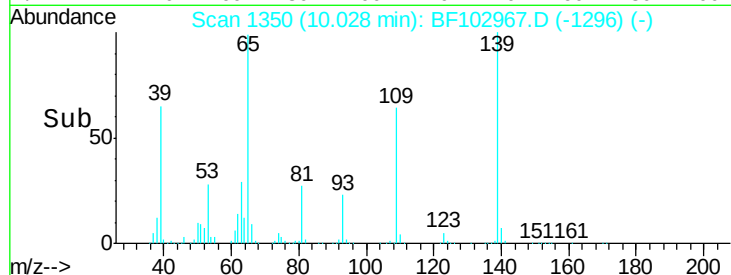
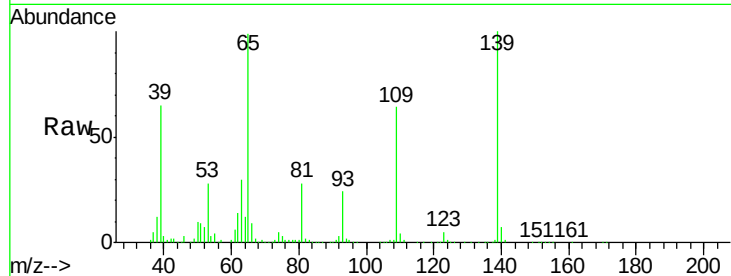
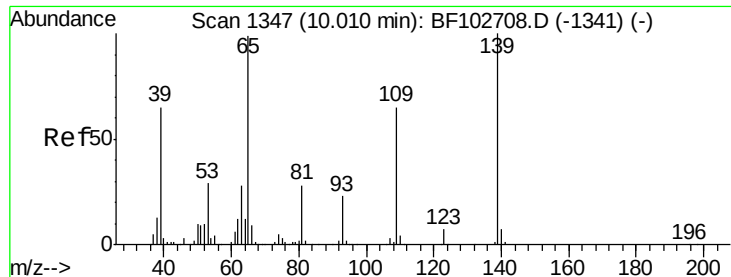
Sohil
2/14/2018 10:29:42 AM



#54
Dibenzofuran
Concen: 37.871 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BF102967.D
Acq: 13 Feb 2018 17:45

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.9	30.1	45.1
169	13.2	10.9	16.3





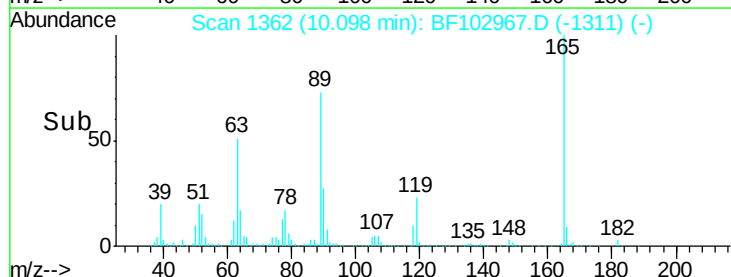
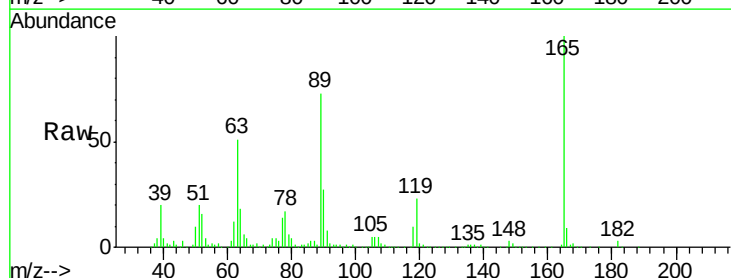
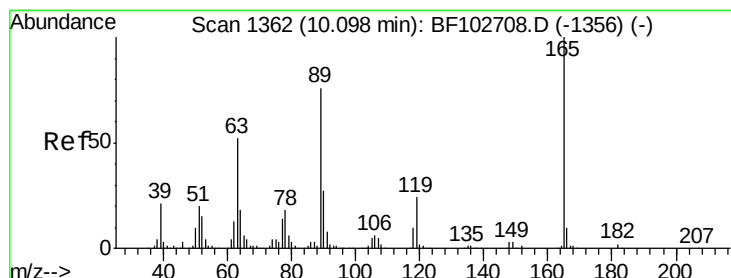
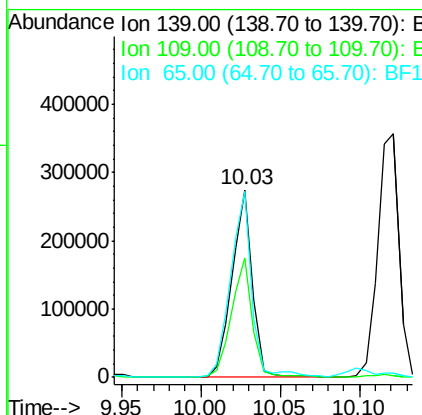
#55
4-Nitrophenol
Concen: 64.436 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.02 min
Lab File: BF102967.D
Acq: 13 Feb 2018 17:45

Instrument :
BNA_F
ClientSampleId :
SU-03-021218MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	247196		
109	63.7	48.4	88.4	
65	99.4	72.6	112.6	

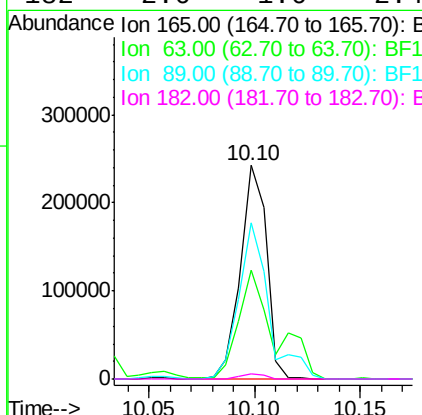
Manual Integrations
APPROVED

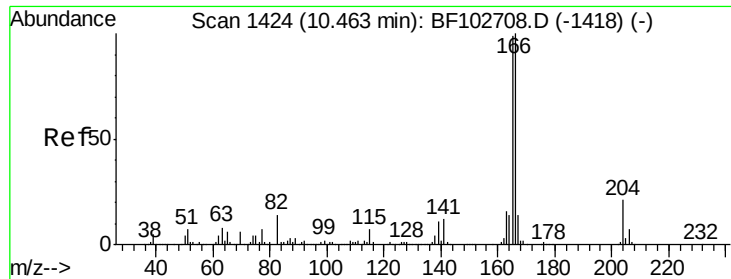
Sohil
2/14/2018 10:29:42 AM



#56
2,4-Dinitrotoluene
Concen: 40.579 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BF102967.D
Acq: 13 Feb 2018 17:45

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	206535		
63	51.0	36.4	54.6	
89	72.9	57.8	86.6	
182	2.6	1.6	2.4	#





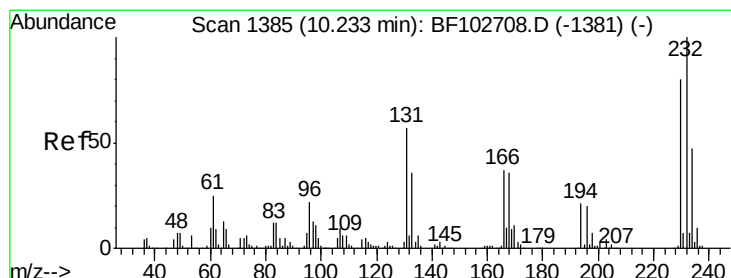
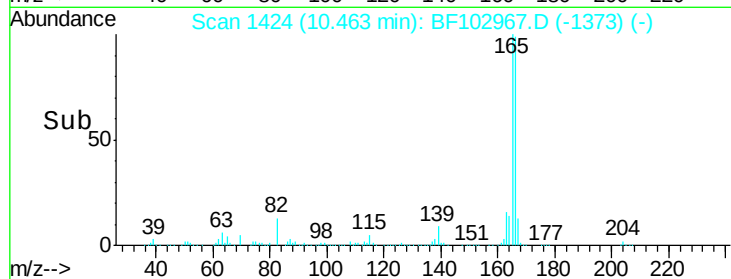
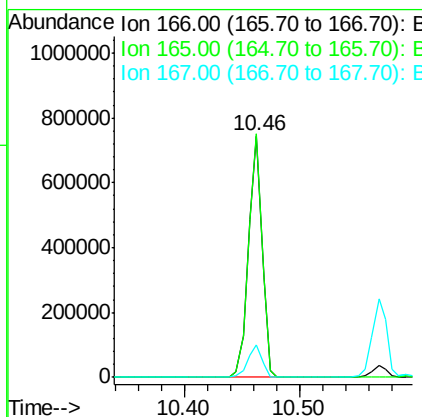
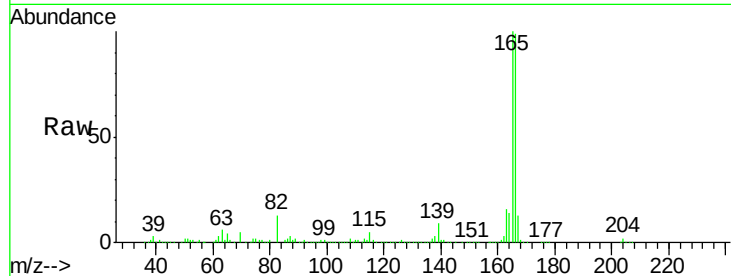
#57
 Fluorene
 Concen: 37.074 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. 0.00 min
 Lab File: BF102967.D
 Acq: 13 Feb 2018 17:45

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-021218MSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	606555		
165	100.8	79.8	119.8	
167	13.5	10.6	16.0	

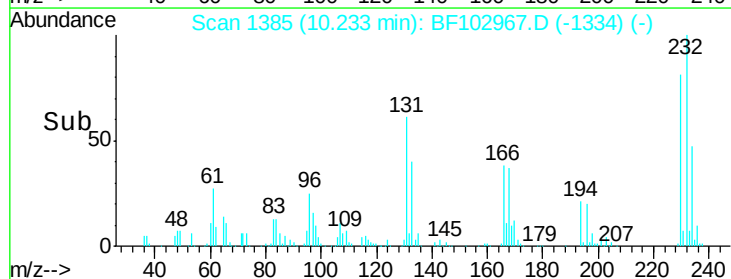
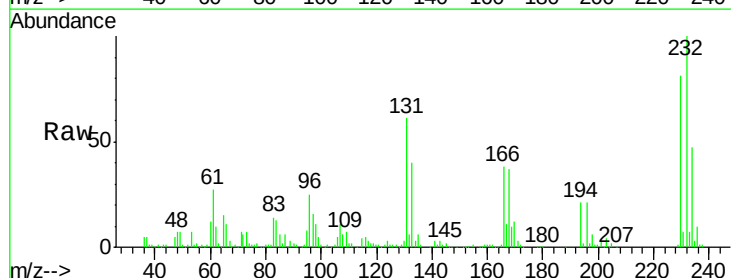
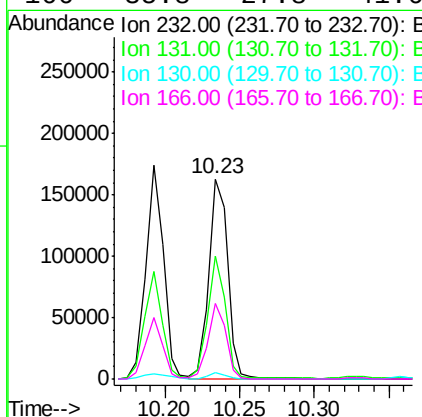
Manual Integrations
 APPROVED

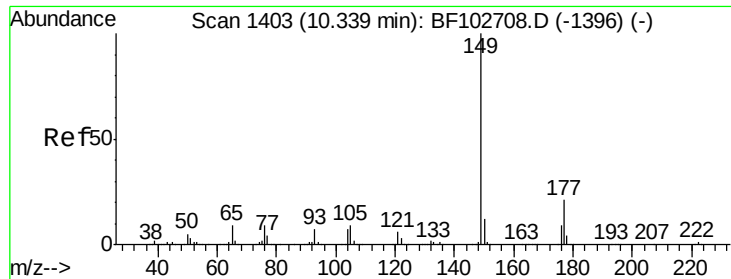
Sohil
 2/14/2018 10:29:42 AM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.678 ng
 RT: 10.23 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: BF102967.D
 Acq: 13 Feb 2018 17:45

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	143608		
131	57.1	43.8	65.8	
130	2.9	2.1	3.1	
166	35.8	27.8	41.6	





#59

Diethylphthalate

Concen: 37.567 ng

RT: 10.33 min Scan# 1401

Delta R.T. -0.01 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

Instrument :

BNA_F

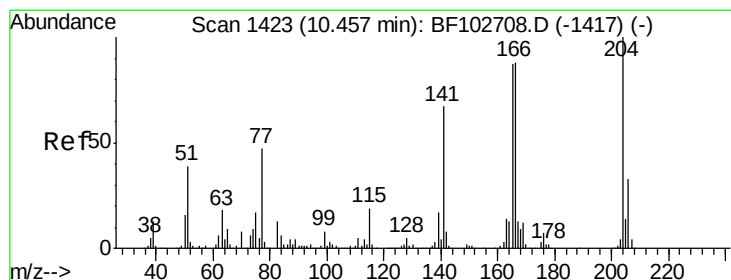
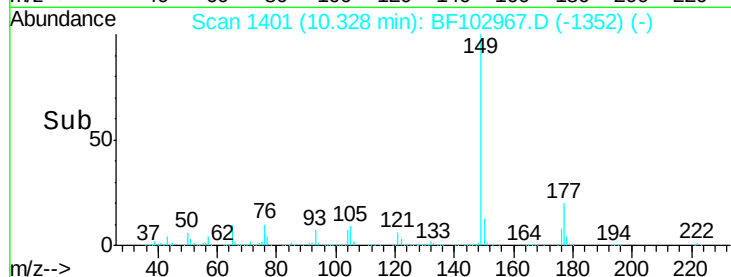
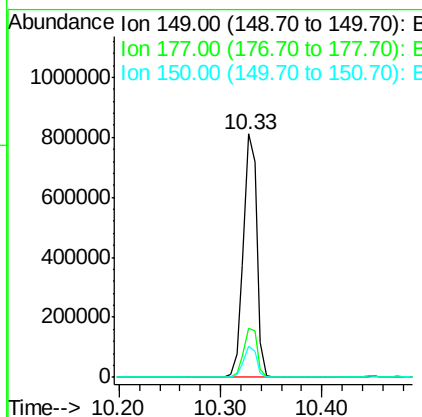
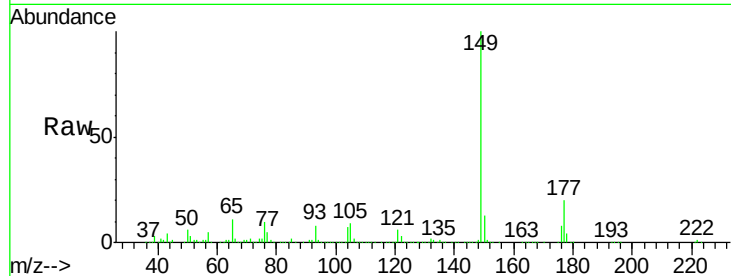
ClientSampleId :

SU-03-021218MSD

Tot Ion:	149	Resp:	749292
Ion Ratio	Lower	Upper	
149	100		
177	20.0	16.1	24.1
150	12.6	10.1	15.1

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#60

4-Chlorophenyl-phenylether

Concen: 38.696 ng

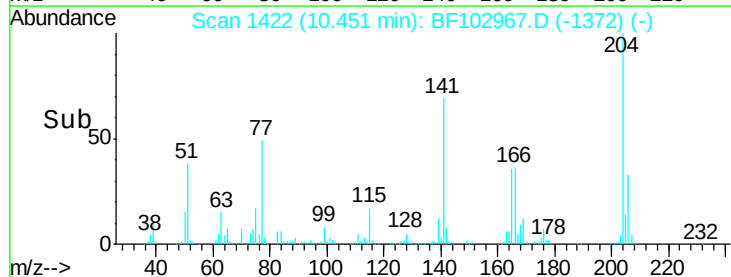
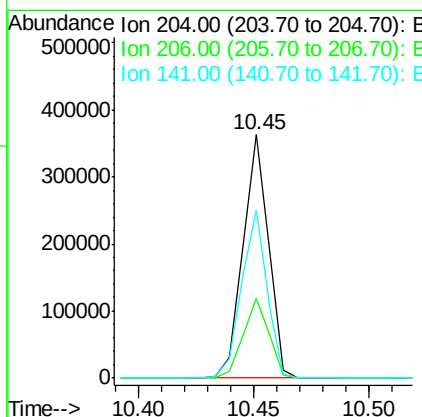
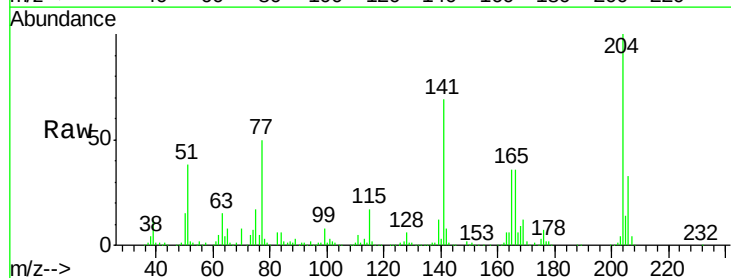
RT: 10.45 min Scan# 1422

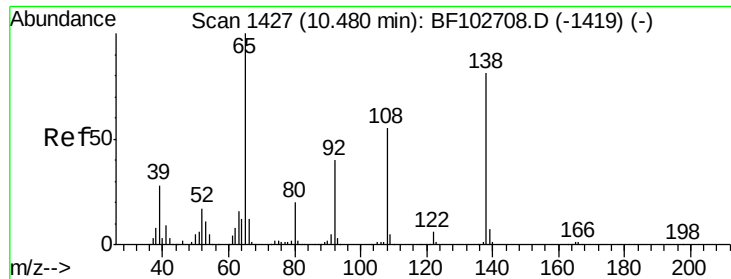
Delta R.T. -0.00 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

Tgt Ion:	204	Resp:	280061
Ion Ratio	Lower	Upper	
204	100		
206	32.7	26.5	39.7
141	69.1	54.6	81.8





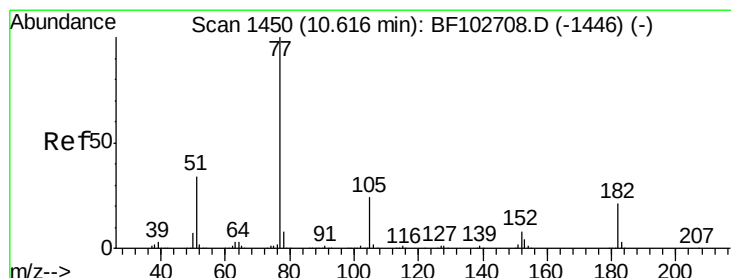
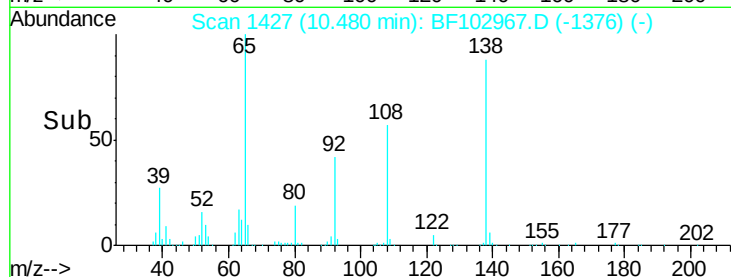
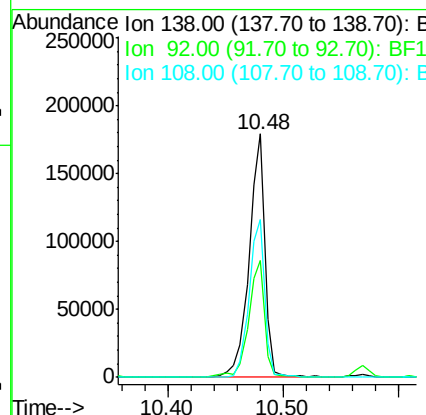
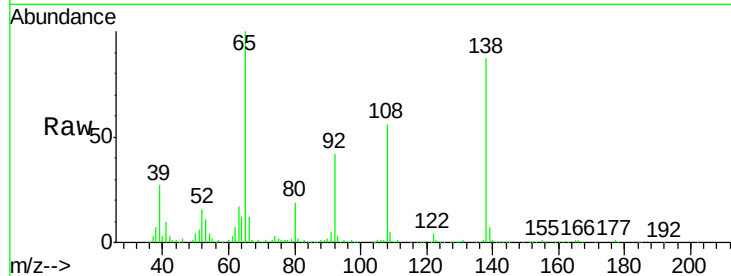
#61
4-Nitroaniline
Concen: 37.978 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BF102967.D
Acq: 13 Feb 2018 17:45

Instrument :
BNA_F
ClientSampleId :
SU-03-021218MSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	170941		
92	47.9	30.2	70.2	
108	64.7	52.5	92.5	

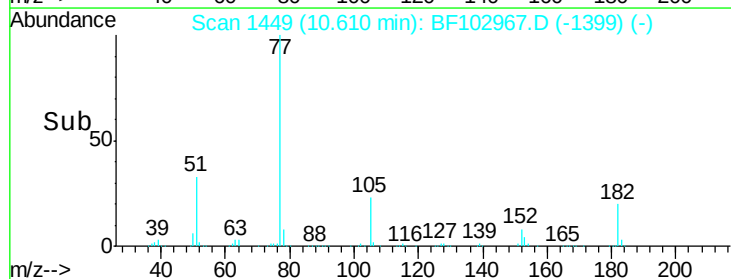
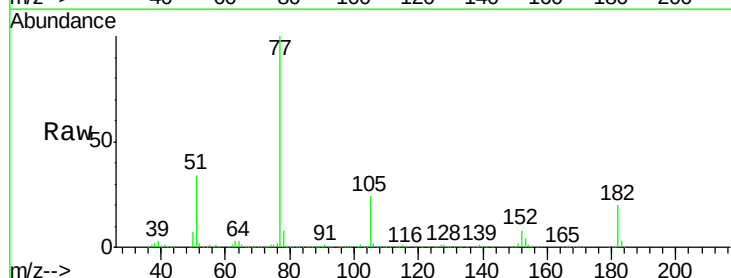
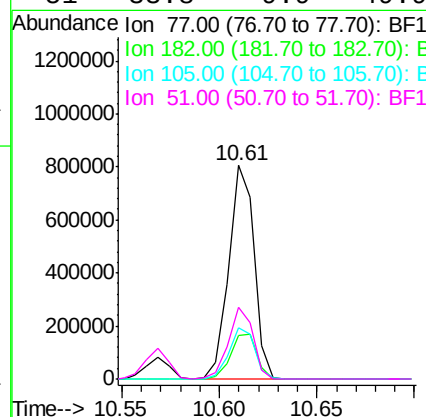
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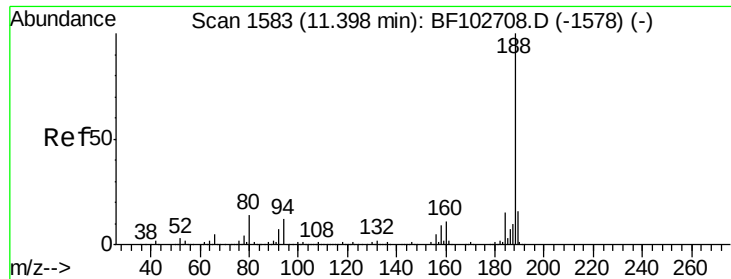
Sohil
2/14/2018 10:29:42 AM



#62
Azobenzene
Concen: 36.238 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BF102967.D
Acq: 13 Feb 2018 17:45

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	722071		
182	20.3	1.7	41.7	
105	23.8	3.0	43.0	
51	33.8	9.9	49.9	





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

Instrument :

BNA_F

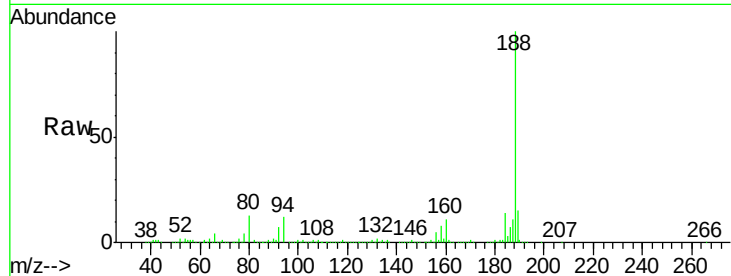
ClientSampleId :

SU-03-021218MSD

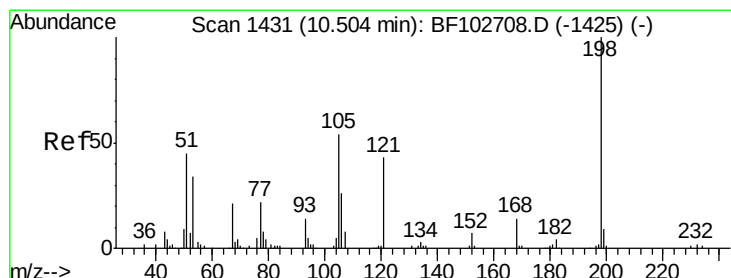
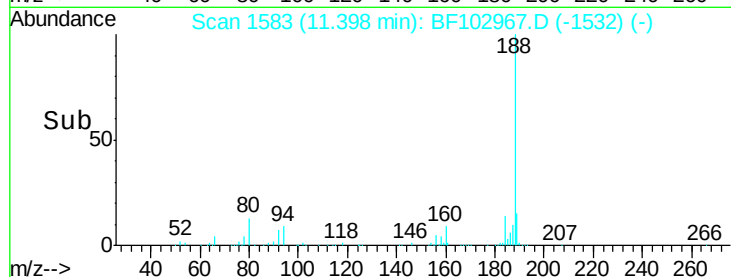
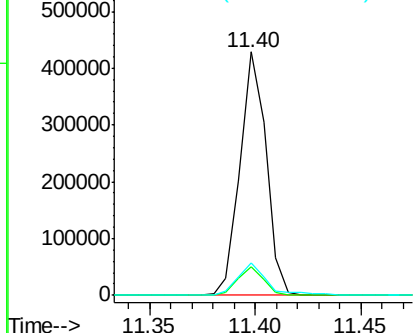
Tot Ion:	188	Resp:	366893
Ion Ratio	Lower	Upper	
188	100		
94	11.8	8.5	12.7
80	13.2	9.2	13.8

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Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 14.898 ng

RT: 10.50 min Scan# 1431

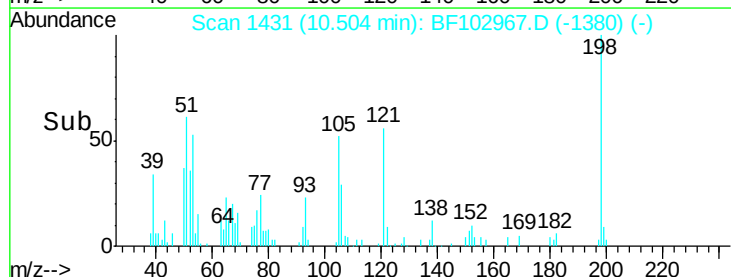
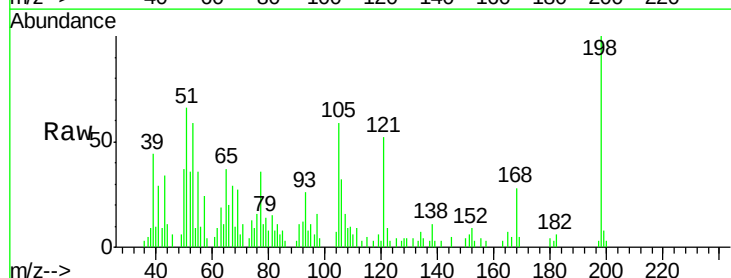
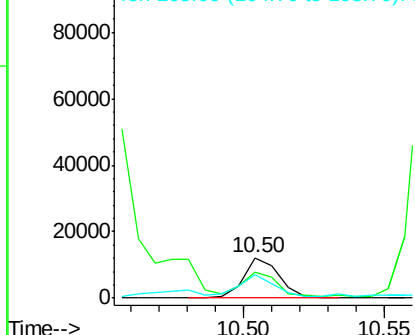
Delta R.T. 0.00 min

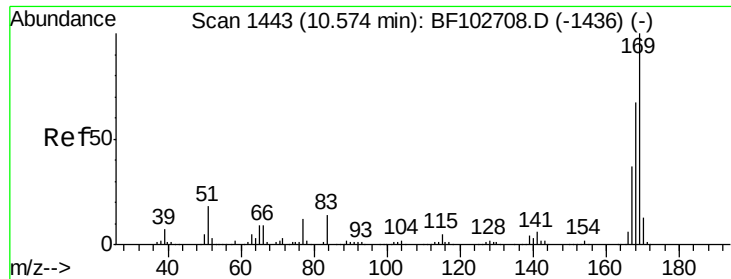
Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

Tgt Ion:	198	Resp:	10267
Ion Ratio	Lower	Upper	
198	100		
51	65.6	37.7	77.7
105	59.3	36.3	76.3

Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 43.375 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

Instrument :

BNA_F

ClientSampleId :

SU-03-021218MSD

Tot Ion:169 Resp: 561336

Ion Ratio Lower Upper

169 100

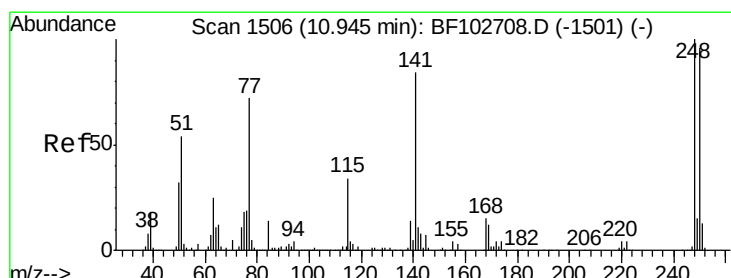
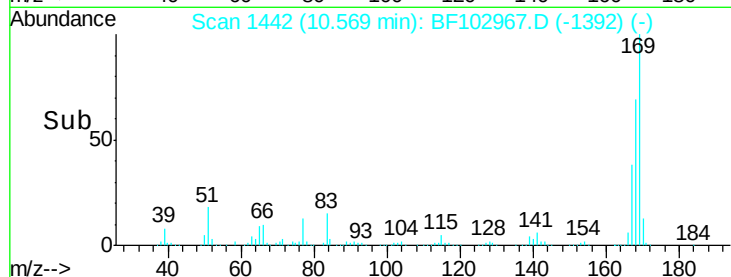
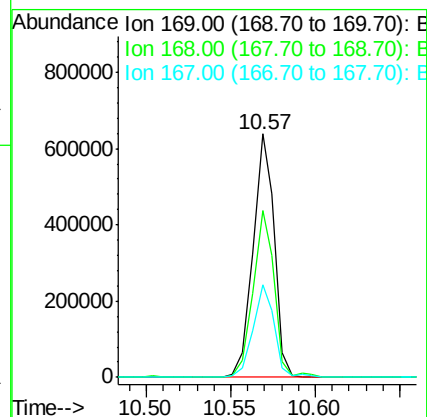
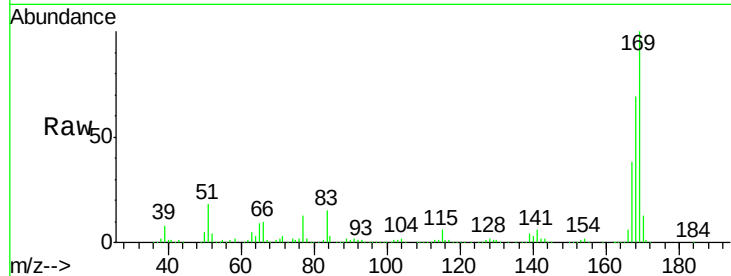
168 68.7 54.4 81.6

167 38.1 29.8 44.6

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#66

4-Bromophenyl-phenylether

Concen: 42.228 ng

RT: 10.95 min Scan# 1506

Delta R.T. 0.00 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

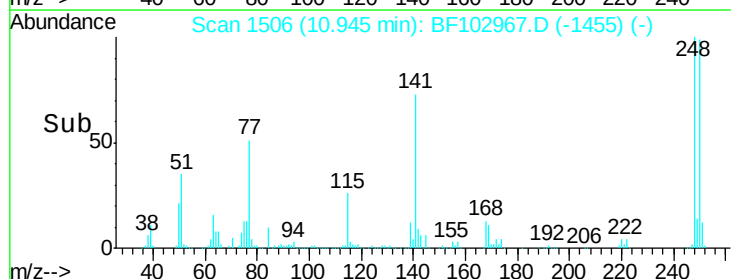
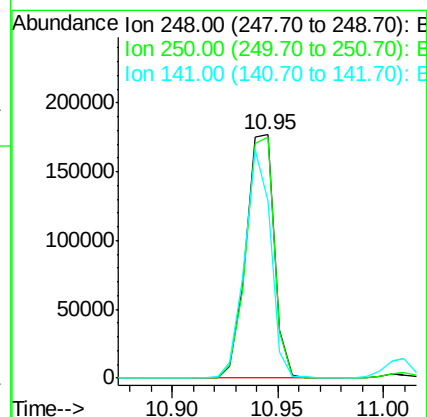
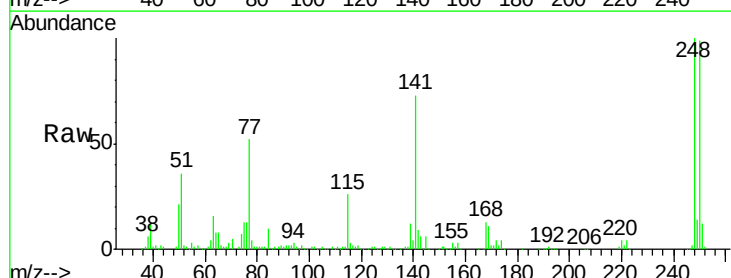
Tgt Ion:248 Resp: 163888

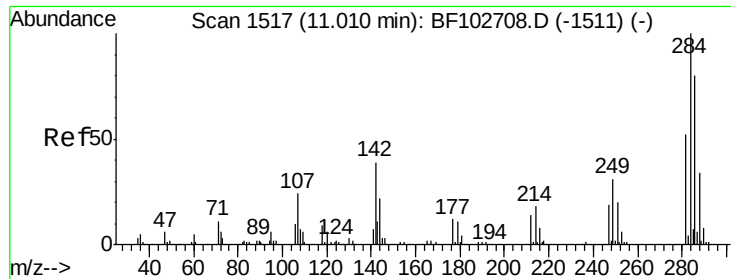
Ion Ratio Lower Upper

248 100

250 99.0 76.9 115.3

141 72.9 74.4 111.6#





#67

Hexachlorobenzene

Concen: 37.373 ng

RT: 11.01 min Scan# 1517

Delta R.T. 0.00 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

Instrument :

BNA_F

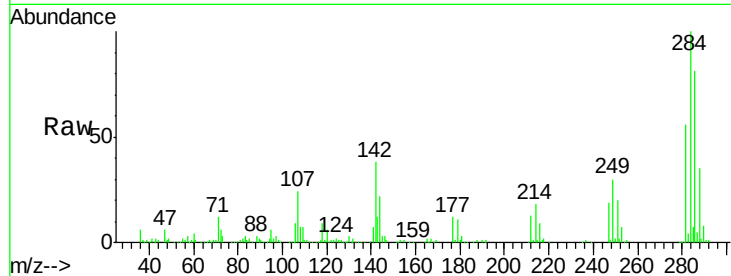
ClientSampleId :

SU-03-021218MSD

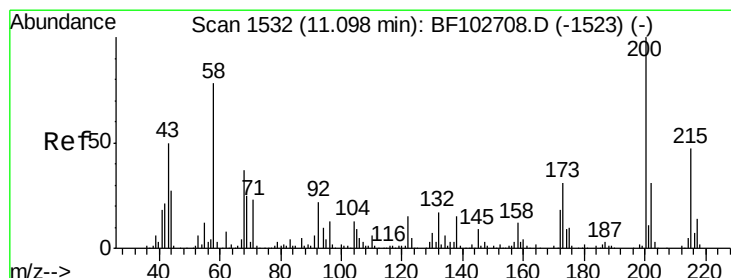
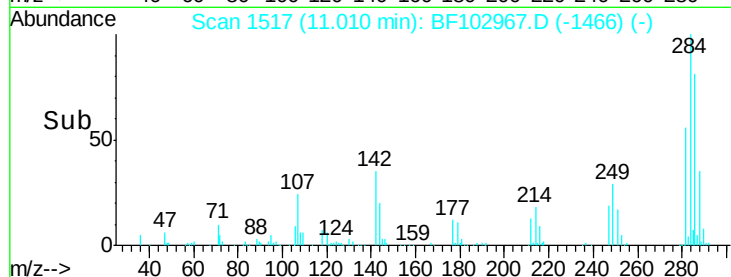
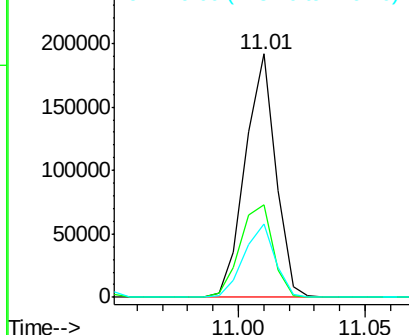
Tot Ion:	284	Resp:	160012
Ion Ratio		Lower	Upper
284	100		
142	37.9	34.6	52.0
249	30.1	24.8	37.2

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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 41.655 ng

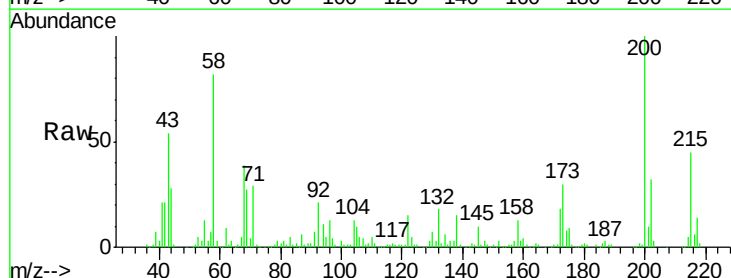
RT: 11.09 min Scan# 1531

Delta R.T. -0.01 min

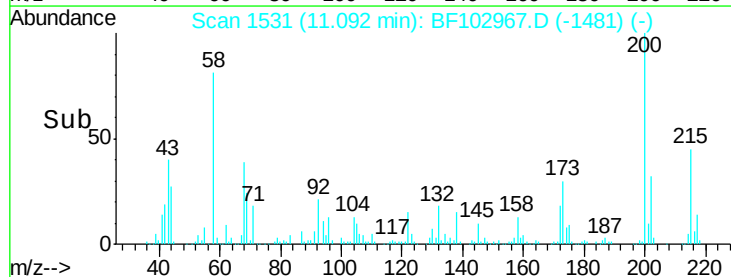
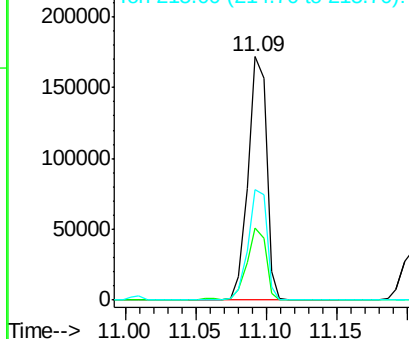
Lab File: BF102967.D

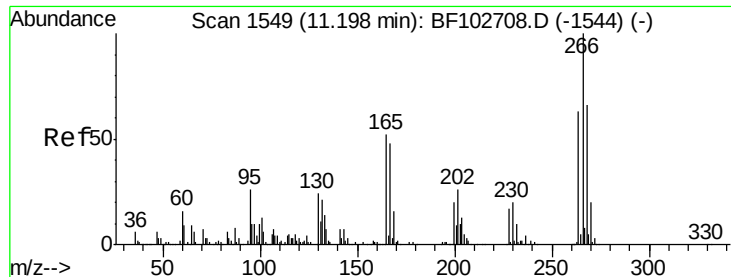
Acq: 13 Feb 2018 17:45

Tgt Ion:	200	Resp:	159032
Ion Ratio		Lower	Upper
200	100		
173	29.6	8.6	48.6
215	45.3	25.1	65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





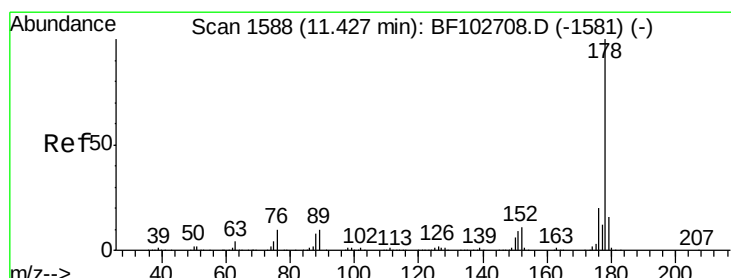
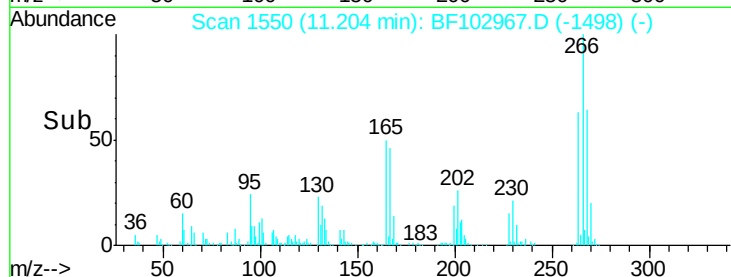
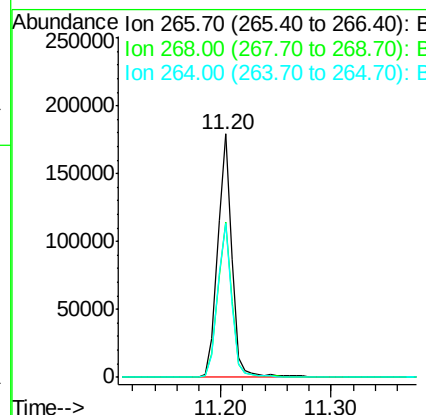
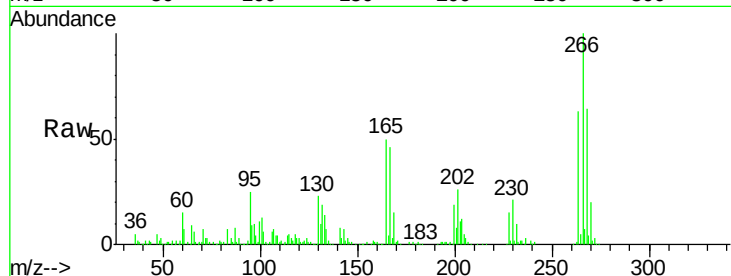
#69
 Pentachlorophenol
 Concen: 63.167 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. 0.01 min
 Lab File: BF102967.D
 Acq: 13 Feb 2018 17:45

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-021218MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	158760		
268	63.5	51.1	76.7	
264	63.4	49.5	74.3	

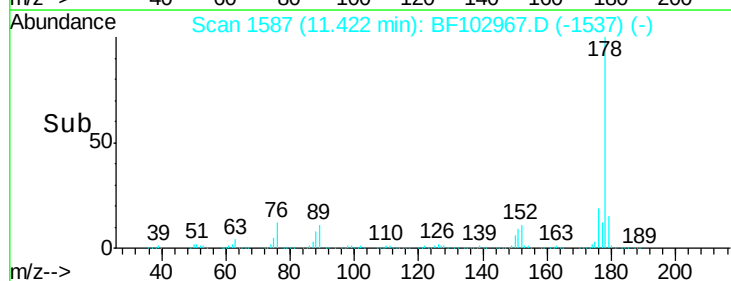
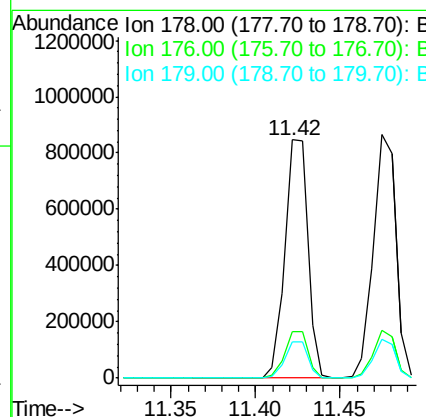
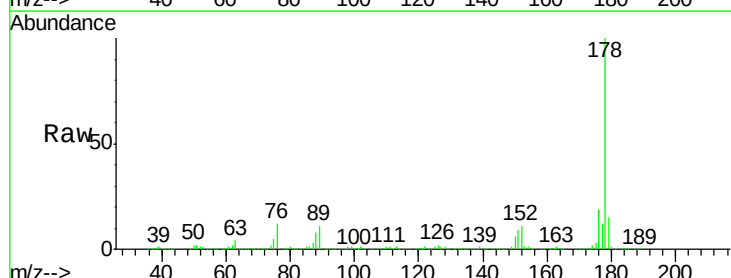
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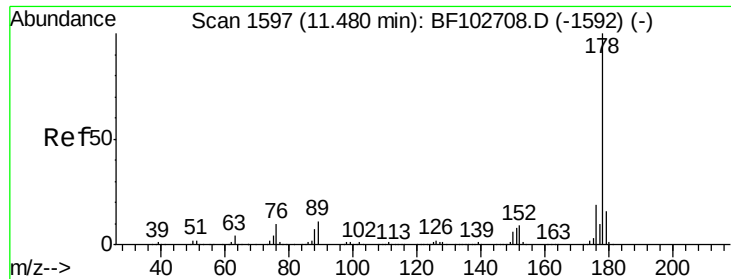
Sohil
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#70
 Phenanthrene
 Concen: 38.706 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BF102967.D
 Acq: 13 Feb 2018 17:45

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	790899		
176	19.4	15.8	23.8	
179	15.3	13.0	19.6	





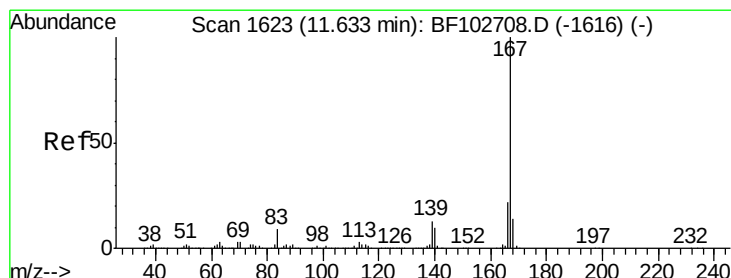
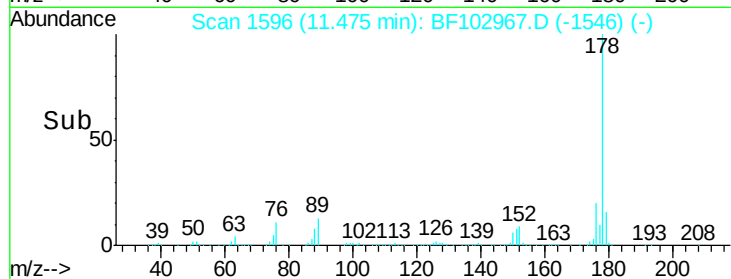
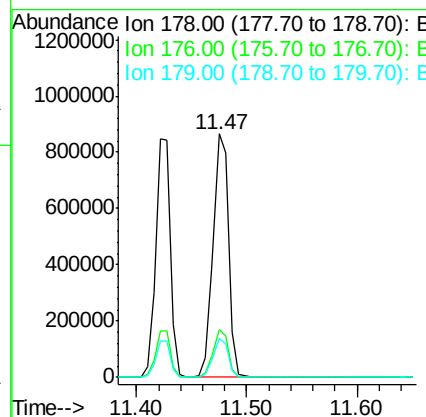
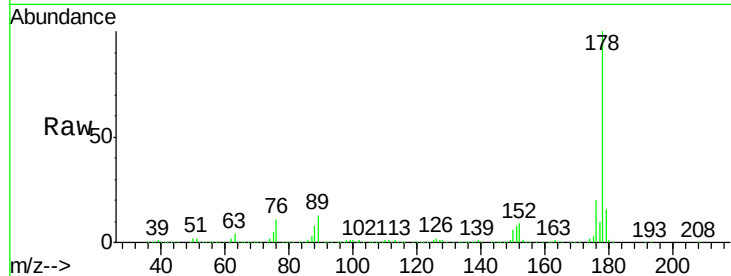
#71
 Anthracene
 Concen: 39.253 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF102967.D
 Acq: 13 Feb 2018 17:45

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-021218MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.9	12.6	19.0

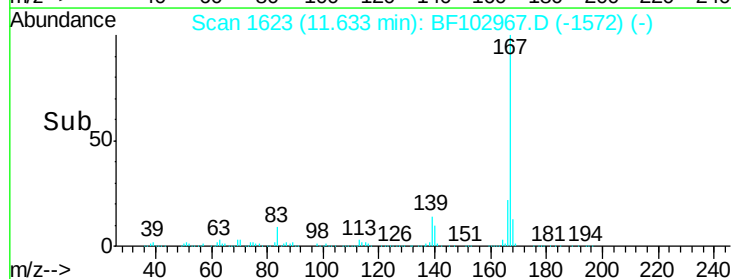
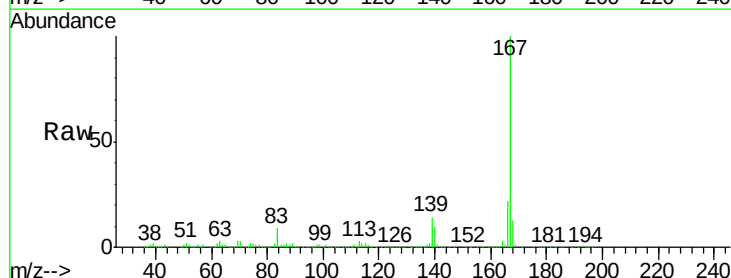
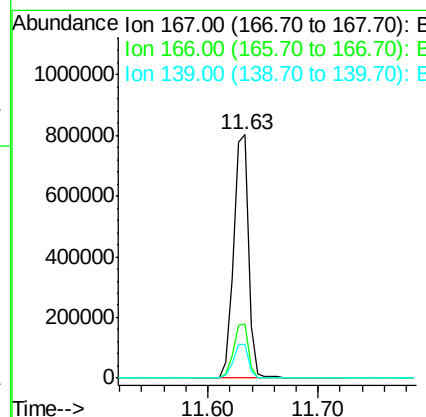
Manual Integrations
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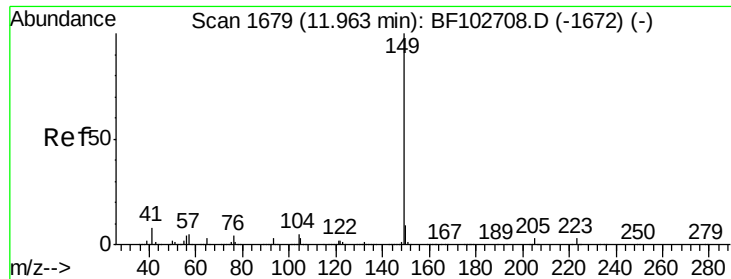
Sohil
 2/14/2018 10:29:42 AM



#72
 Carbazole
 Concen: 37.567 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. 0.00 min
 Lab File: BF102967.D
 Acq: 13 Feb 2018 17:45

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.6	26.4
139	13.9	10.9	16.3





#73

Di-n-butylphthalate

Concen: 40.868 ng

RT: 11.96 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

Instrument :

BNA_F

ClientSampleId :

SU-03-021218MSD

Tot Ion:149 Resp: 1010788

Ion Ratio Lower Upper

149 100

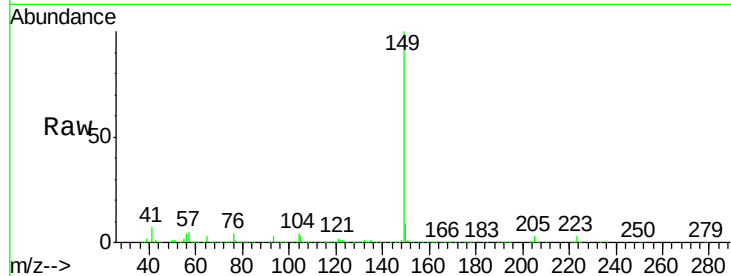
150 9.2 7.8 11.6

104 4.5 3.8 5.8

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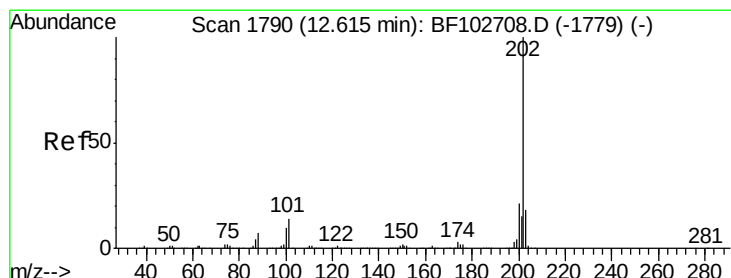
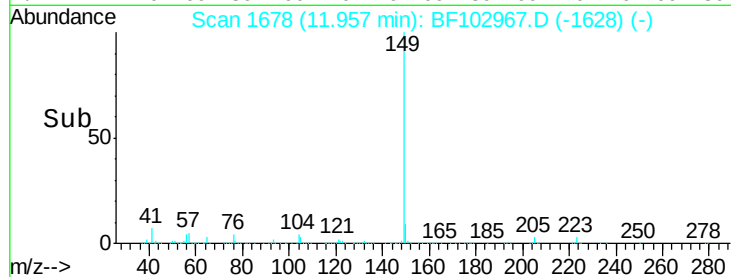
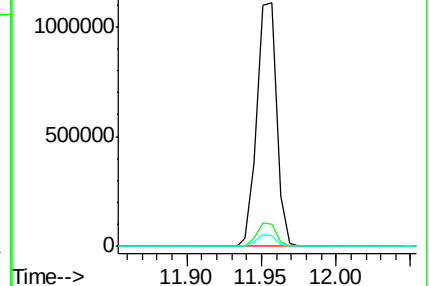
2/14/2018 10:29:42 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.662 ng

RT: 12.62 min Scan# 1790

Delta R.T. 0.00 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

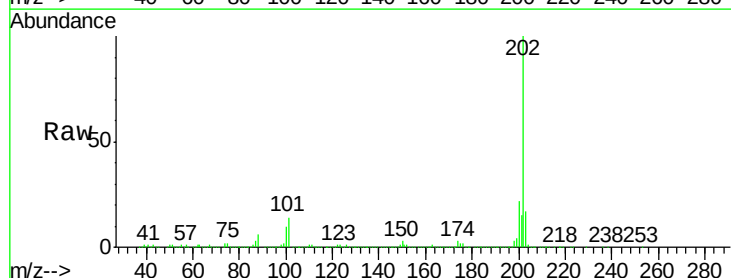
Tgt Ion:202 Resp: 794837

Ion Ratio Lower Upper

202 100

101 14.0 0.0 34.1

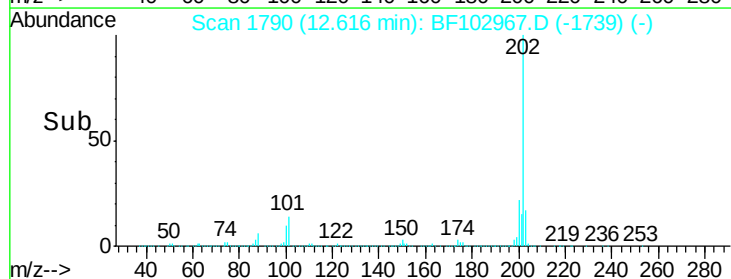
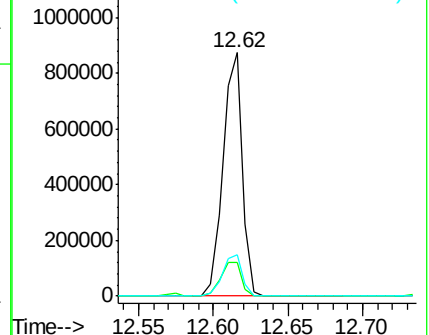
203 17.2 0.0 38.1

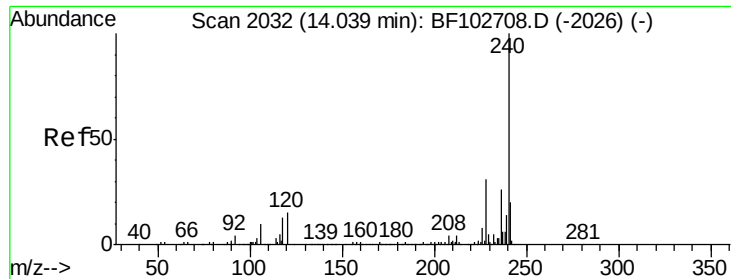


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





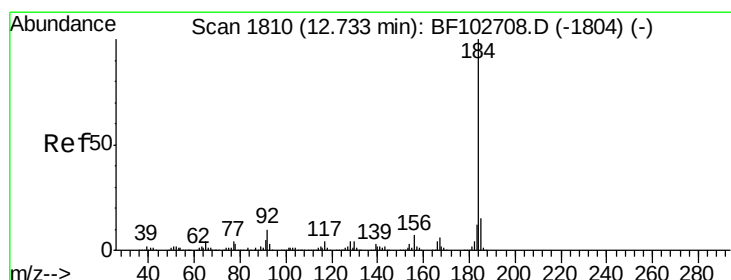
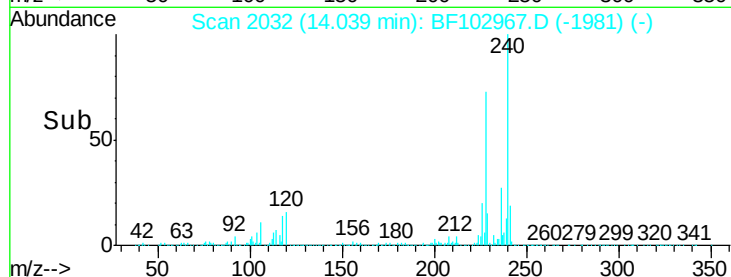
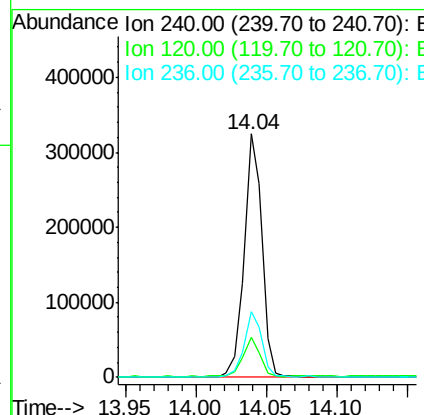
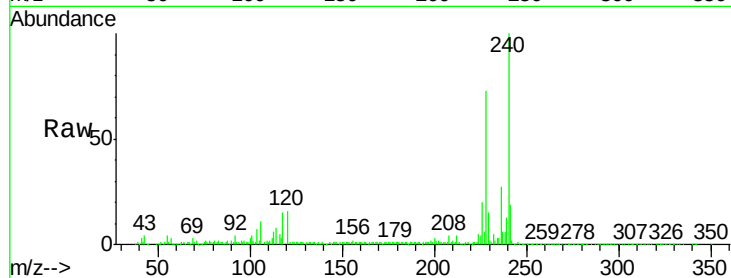
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF102967.D
Acq: 13 Feb 2018 17:45

Instrument :
BNA_F
ClientSampleId :
SU-03-021218MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	16.4	9.5	14.3#
236	26.9	20.7	31.1

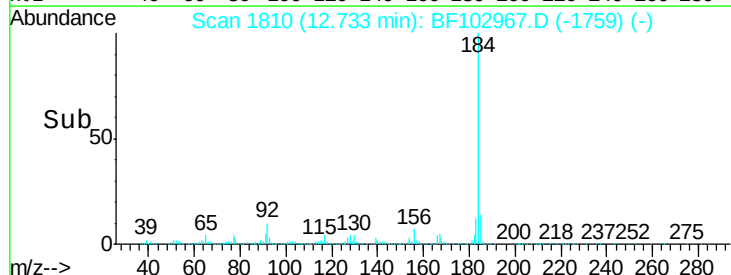
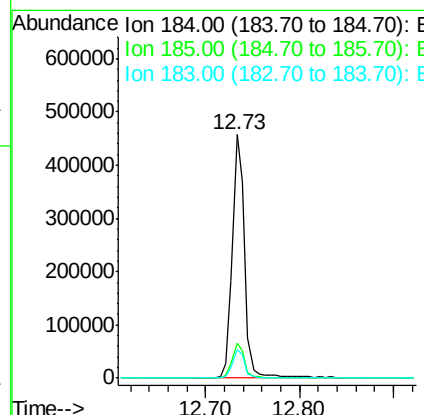
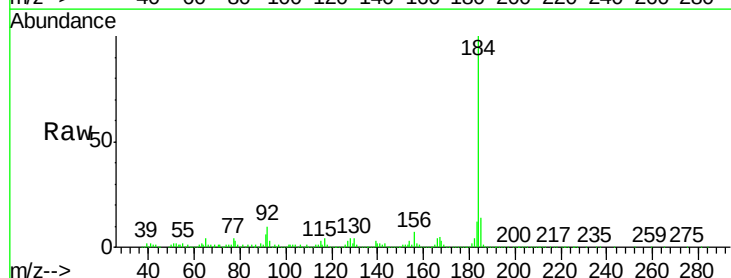
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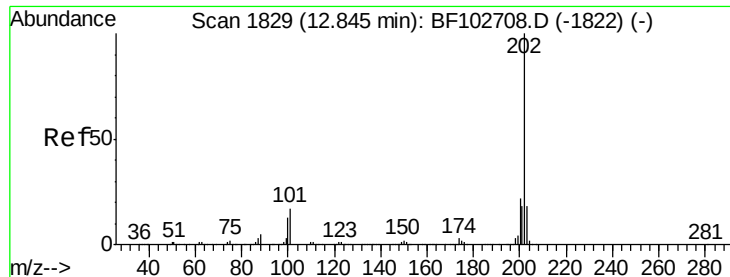
Sohil
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#76
Benzidine
Concen: 32.203 ng
RT: 12.73 min Scan# 1810
Delta R.T. 0.00 min
Lab File: BF102967.D
Acq: 13 Feb 2018 17:45

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.4	12.6	18.8
183	11.8	9.3	13.9





#77

Pvrene

Concen: 36.556 ng

RT: 12.85 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

Instrument :

BNA_F

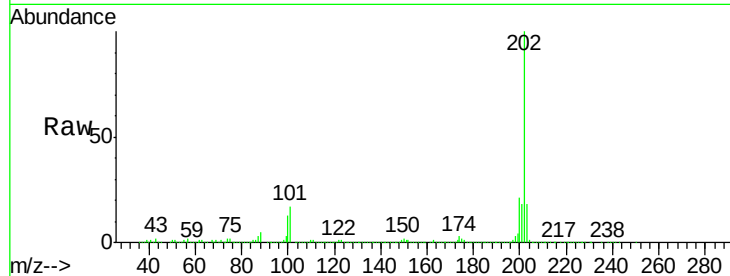
ClientSampleId :

SU-03-021218MSD

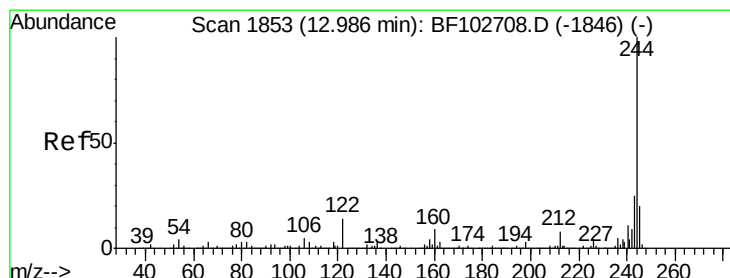
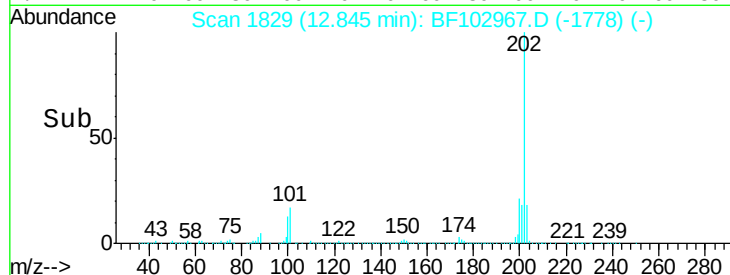
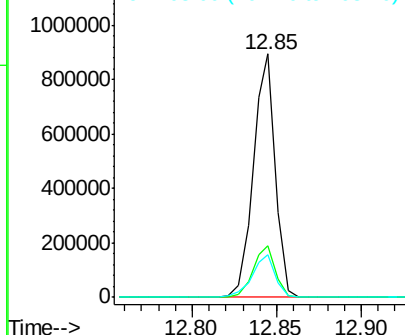
Tot Ion:	202	Resp:	807251
Ion Ratio		Lower	Upper
202	100		
200	21.4	17.4	26.2
203	17.7	14.3	21.5

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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: 71.970 ng

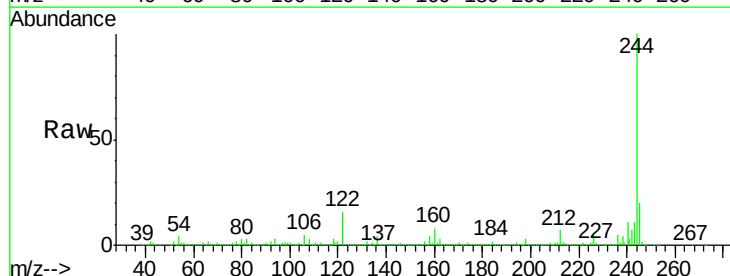
RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

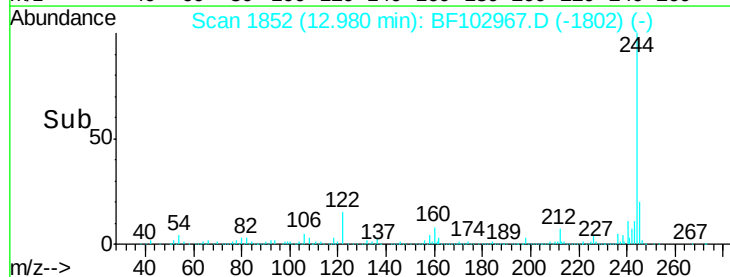
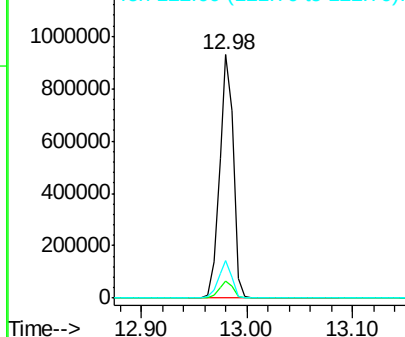
Lab File: BF102967.D

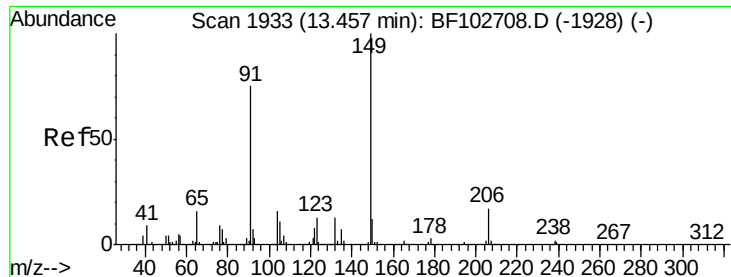
Acq: 13 Feb 2018 17:45

Tgt Ion:	244	Resp:	855972
Ion Ratio		Lower	Upper
244	100		
212	7.2	5.4	8.0
122	15.5	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: 39.915 ng

RT: 13.45 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

Instrument :

BNA_F

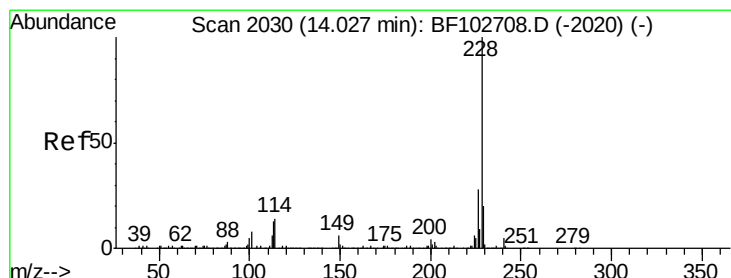
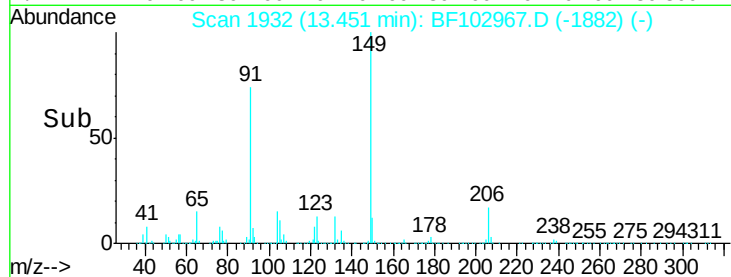
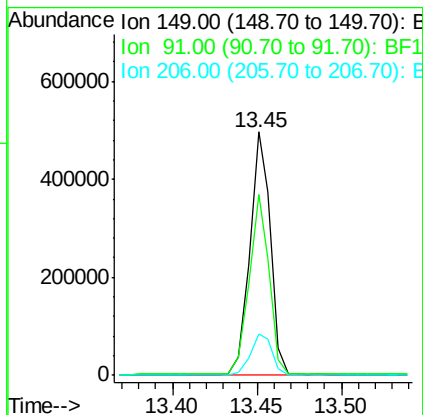
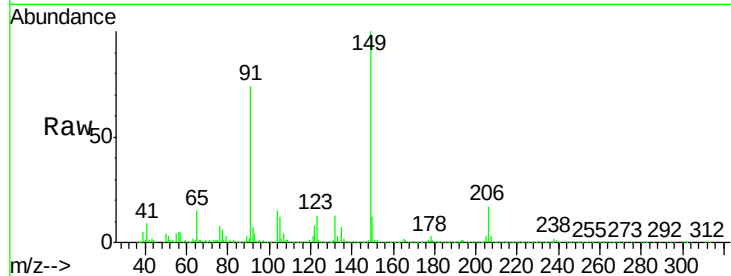
ClientSampleId :

SU-03-021218MSD

Tot Ion:	149	Resp:	419757
Ion Ratio	Lower	Upper	
149	100		
91	74.3	56.8	85.2
206	17.0	14.1	21.1

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#80

Benzo(a)anthracene

Concen: 40.056 ng

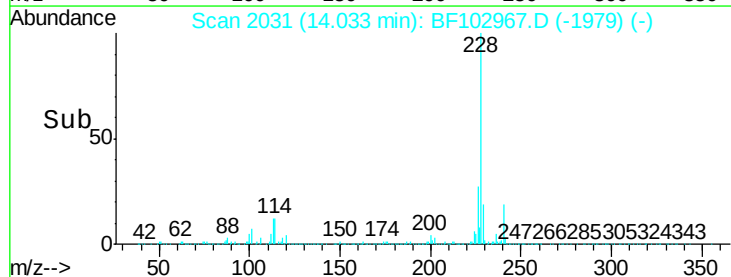
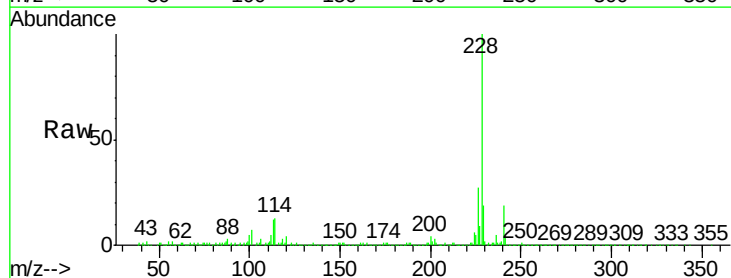
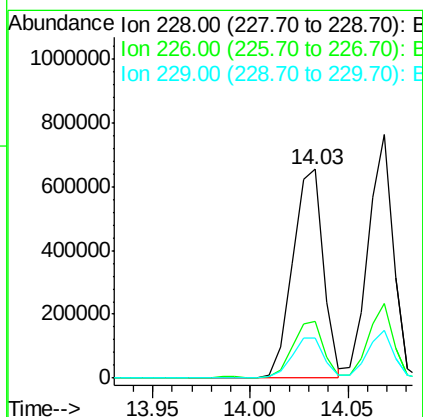
RT: 14.03 min Scan# 2031

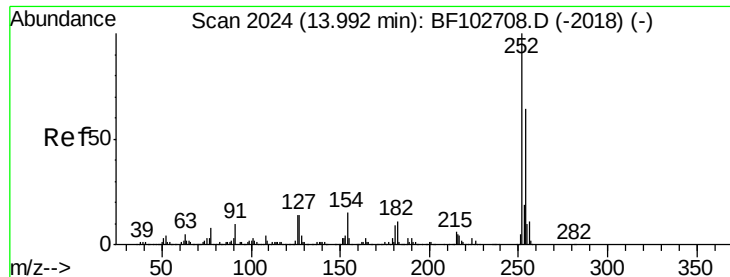
Delta R.T. 0.01 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

Tgt Ion:	228	Resp:	709417
Ion Ratio	Lower	Upper	
228	100		
226	27.4	22.6	33.8
229	19.5	15.8	23.6





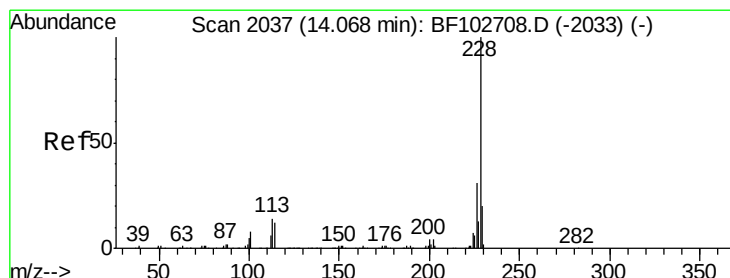
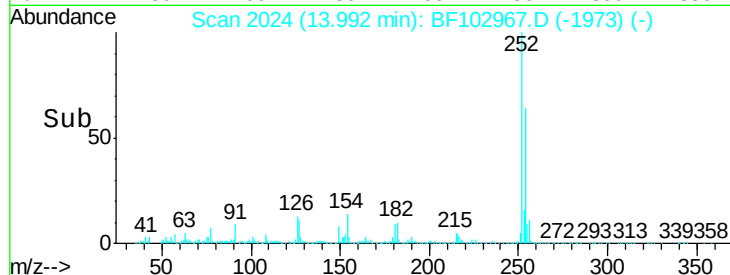
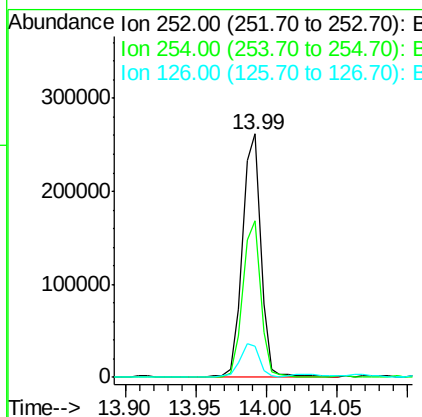
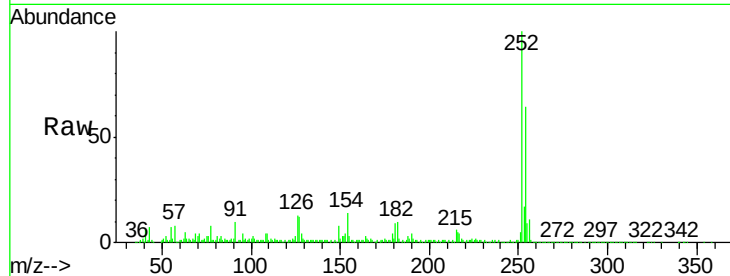
#81
 3,3'-Dichlorobenzidine
 Concen: 36.369 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. 0.00 min
 Lab File: BF102967.D
 Acq: 13 Feb 2018 17:45

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-021218MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	238827		
254	64.5	50.4	75.6	
126	12.9	11.3	16.9	

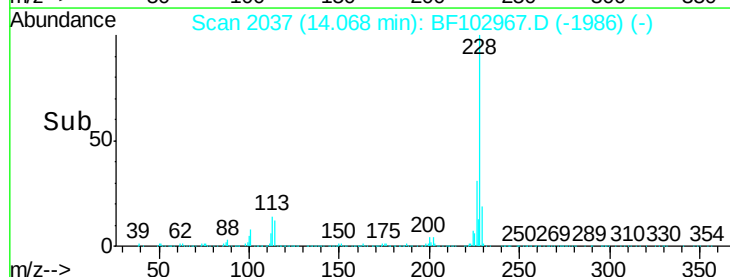
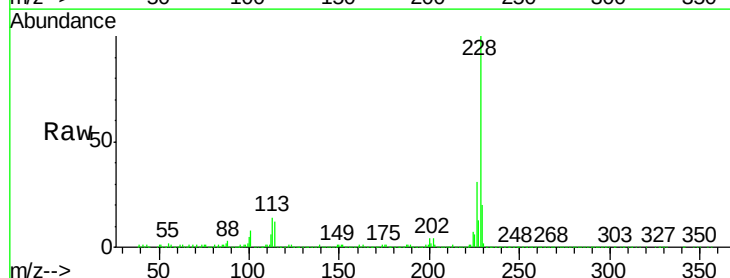
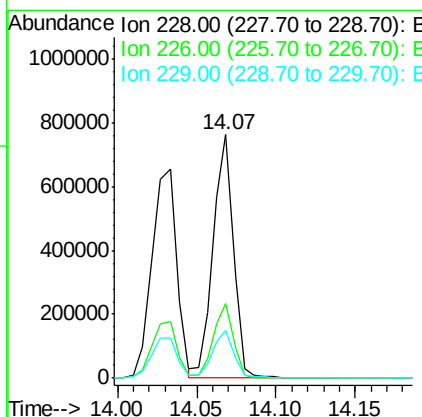
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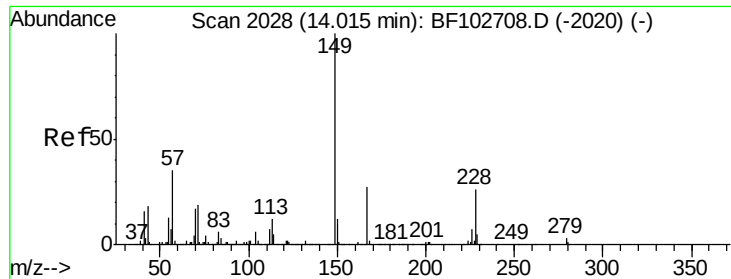
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#82
 Chrysene
 Concen: 37.932 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: BF102967.D
 Acq: 13 Feb 2018 17:45

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	677212		
226	30.7	25.0	37.6	
229	19.6	16.2	24.4	





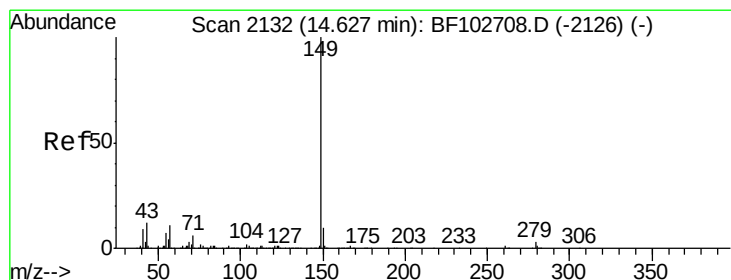
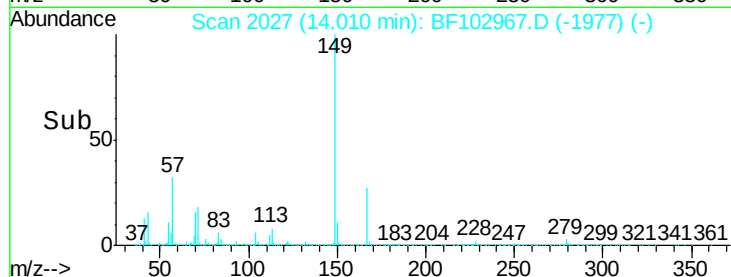
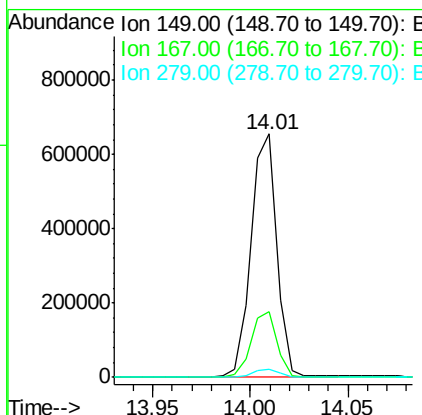
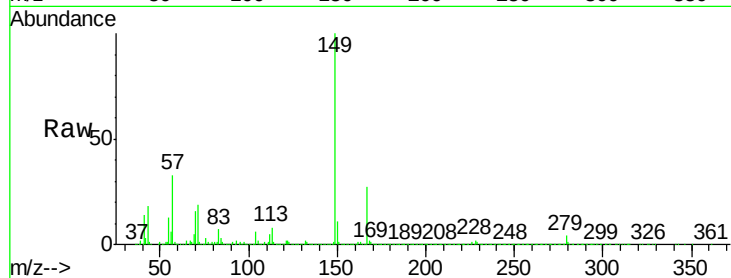
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.967 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF102967.D
 Acq: 13 Feb 2018 17:45

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-021218MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.3	31.9
279	3.5	3.0	4.4

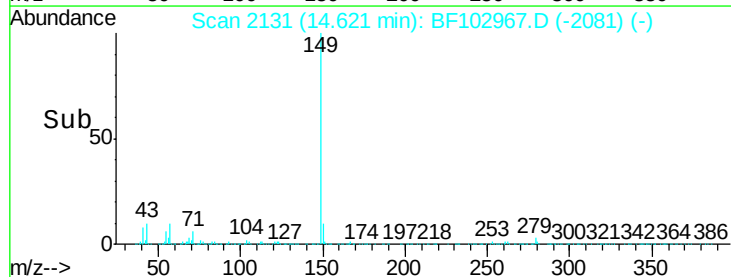
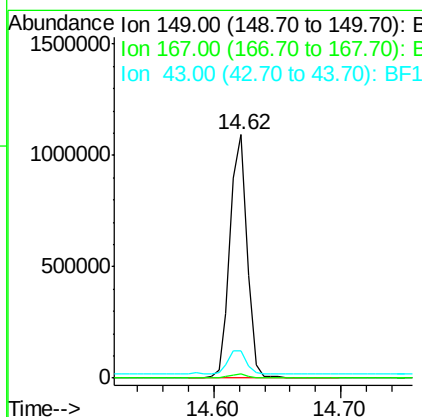
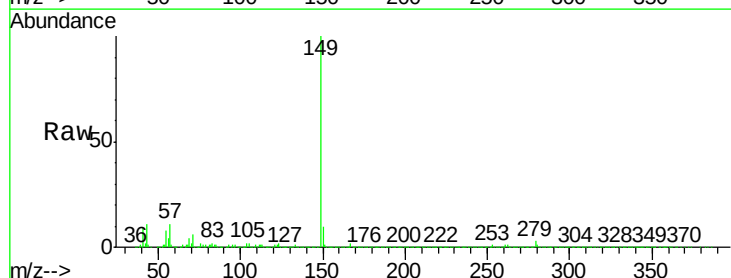
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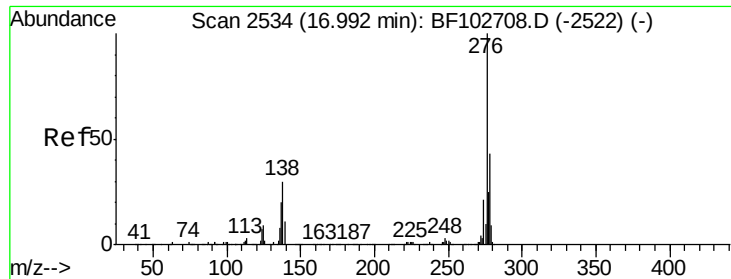
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#84
 Di-n-octyl phthalate
 Concen: 49.444 ng
 RT: 14.62 min Scan# 2131
 Delta R.T. -0.01 min
 Lab File: BF102967.D
 Acq: 13 Feb 2018 17:45

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.9	8.4	12.6





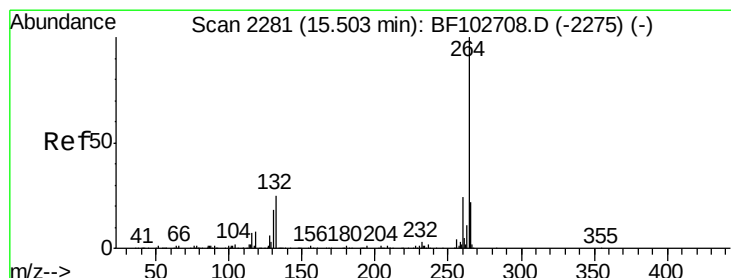
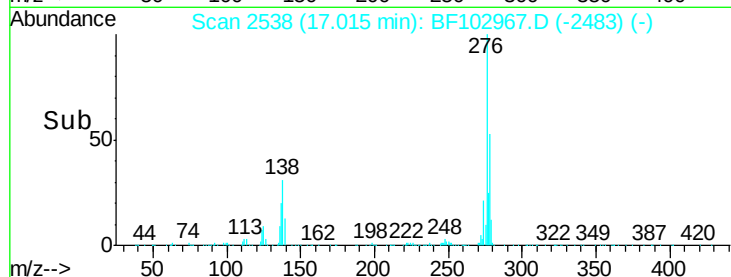
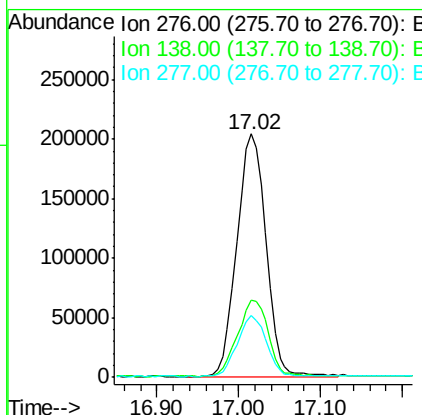
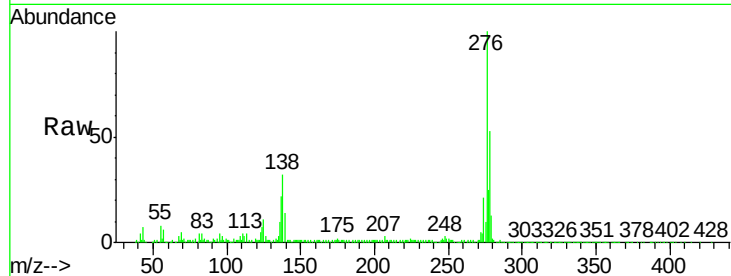
#85
Indeno(1,2,3-cd)pyrene
Concen: 34.233 ng
RT: 17.02 min Scan# 2538
Delta R.T. 0.02 min
Lab File: BF102967.D
Acq: 13 Feb 2018 17:45

Instrument :
BNA_F
ClientSampleId :
SU-03-021218MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.4	25.0	37.6
277	25.3	20.1	30.1

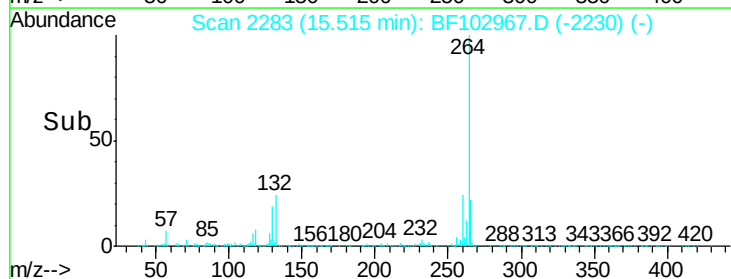
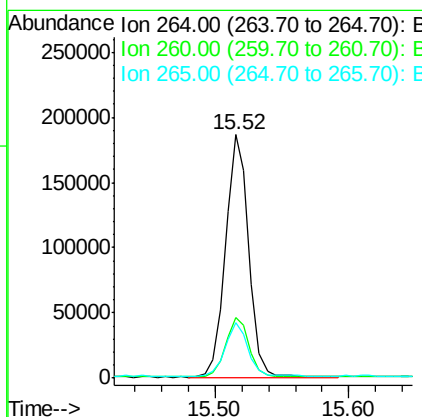
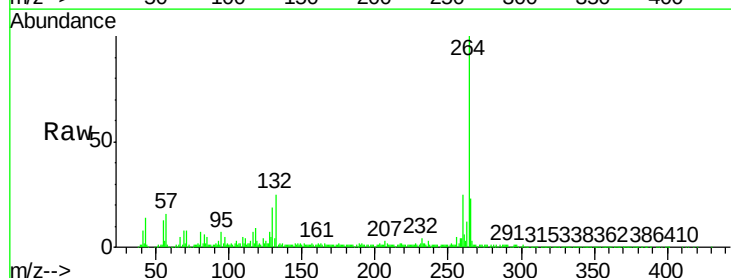
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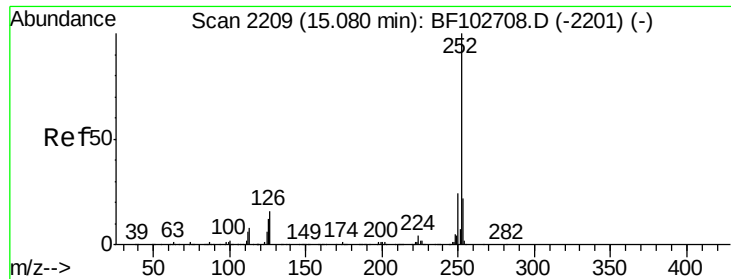
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.01 min
Lab File: BF102967.D
Acq: 13 Feb 2018 17:45

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	22.7	17.5	26.3





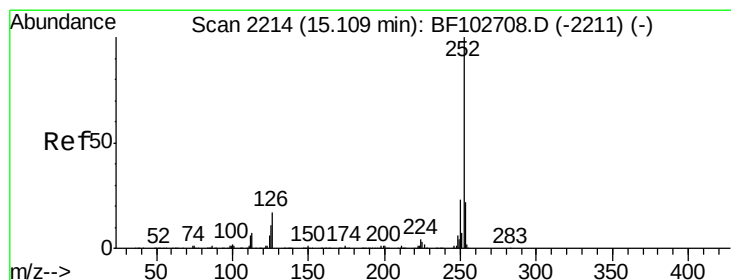
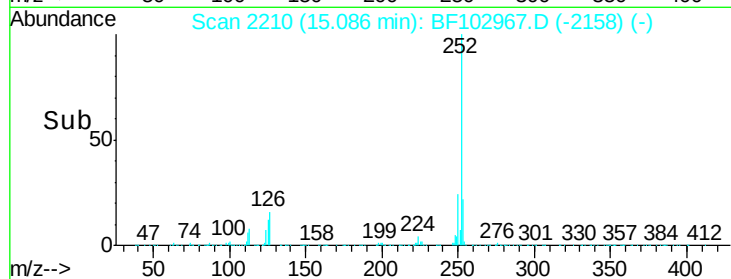
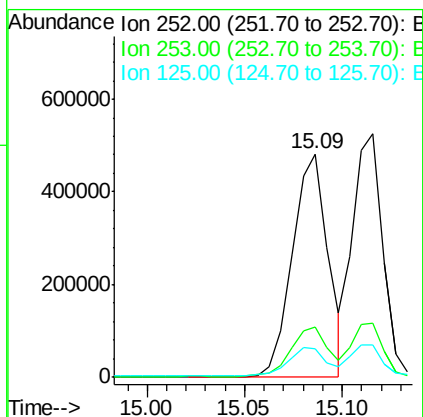
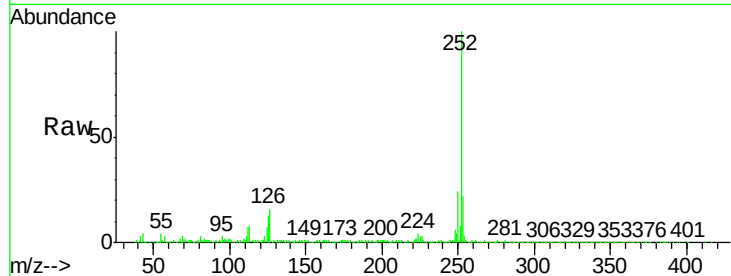
#87
Benzo(b)fluoranthene
Concen: 41.359 ng
RT: 15.09 min Scan# 2210
Delta R.T. 0.01 min
Lab File: BF102967.D
Acq: 13 Feb 2018 17:45

Instrument :
BNA_F
ClientSampleId :
SU-03-021218MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.6
125	12.8	9.0	13.6

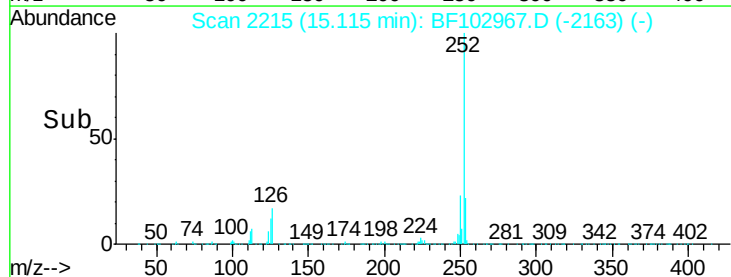
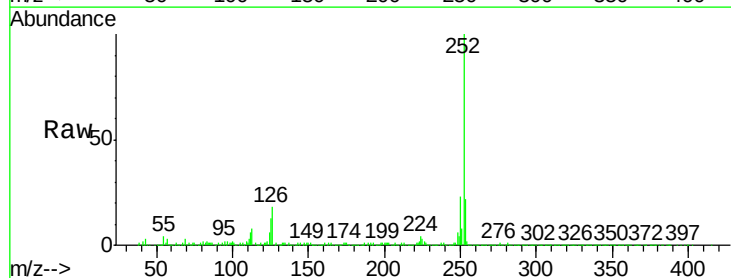
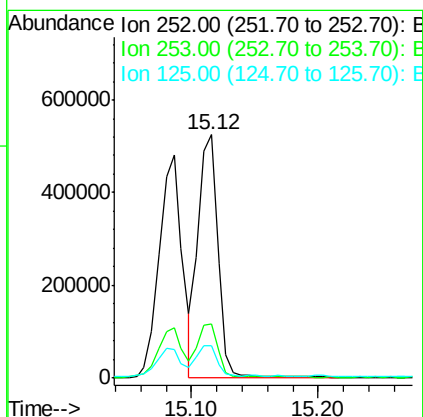
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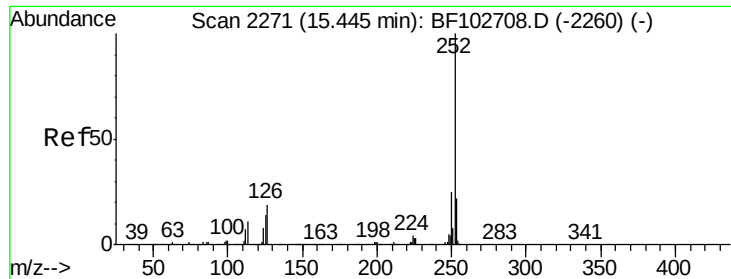
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#88
Benzo(k)fluoranthene
Concen: 40.326 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.01 min
Lab File: BF102967.D
Acq: 13 Feb 2018 17:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	13.1	10.2	15.2





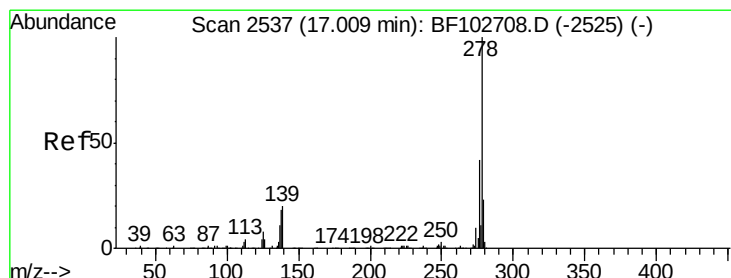
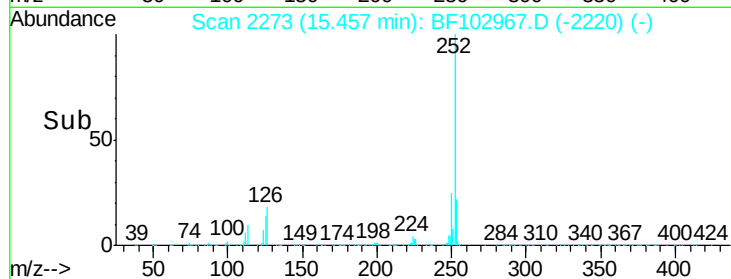
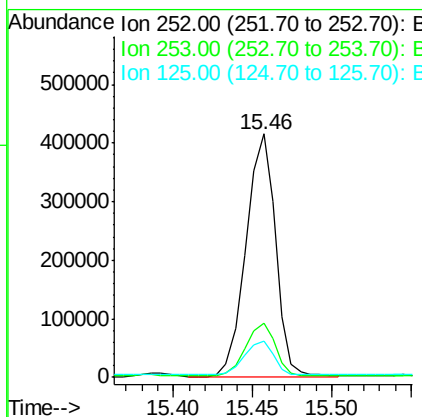
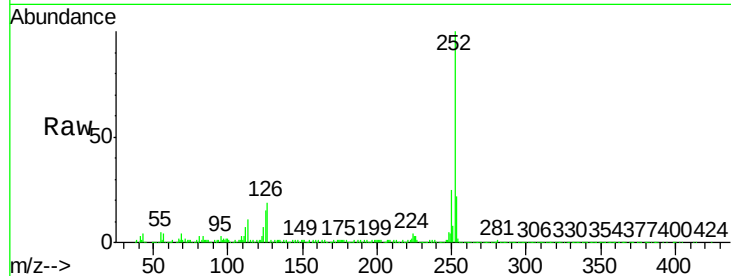
#89
Benzo(a)pyrene
Concen: 40.506 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF102967.D
Acq: 13 Feb 2018 17:45

Instrument :
BNA_F
ClientSampleId :
SU-03-021218MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	14.6	9.8	14.6

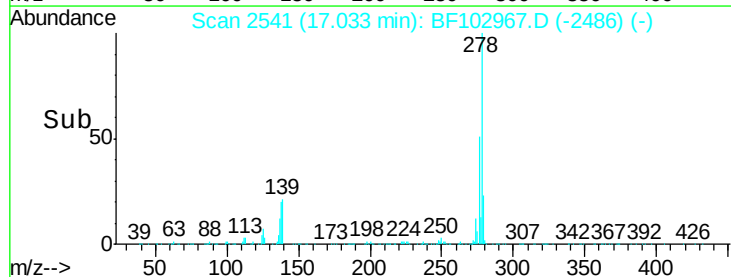
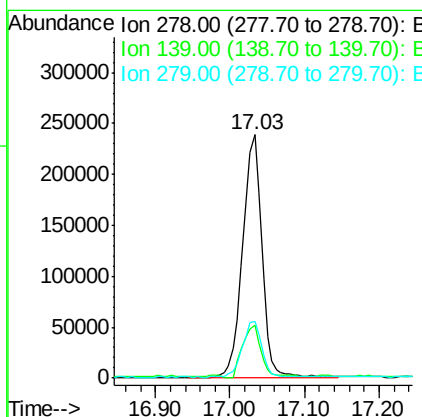
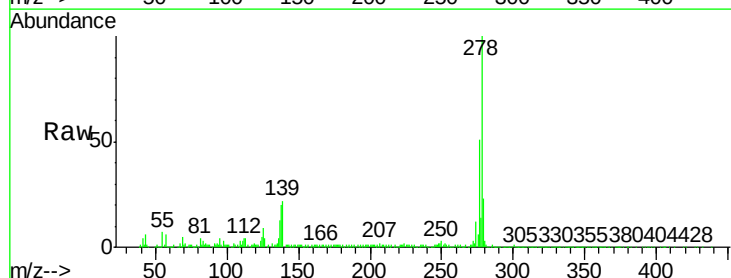
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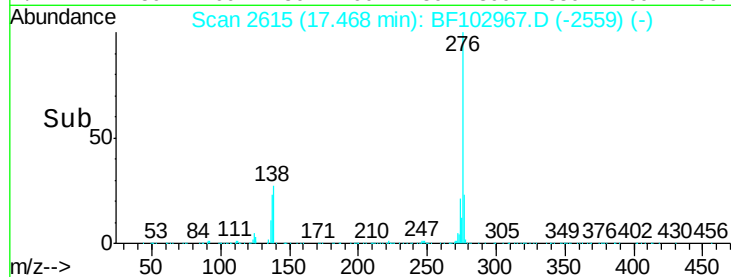
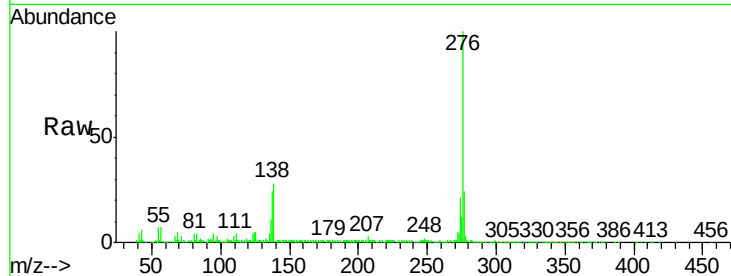
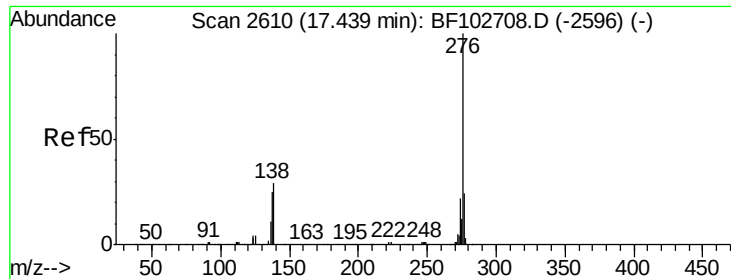
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#90
Dibenzo(a,h)anthracene
Concen: 39.990 ng
RT: 17.03 min Scan# 2541
Delta R.T. 0.02 min
Lab File: BF102967.D
Acq: 13 Feb 2018 17:45

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.6	15.9	23.9
279	23.0	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 40.203 ng

RT: 17.47 min Scan# 2615

Delta R.T. 0.03 min

Lab File: BF102967.D

Acq: 13 Feb 2018 17:45

Instrument :

BNA_F

ClientSampleId :

SU-03-021218MSD

Tot Ion:	276	Resp:	421793
Ion Ratio		Lower	Upper
276	100		
277	23.8	17.9	26.9
138	27.7	21.8	32.8

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