

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
 Data File : BF102966.D
 Acq On : 13 Feb 2018 17:19
 Operator : SJ/JU
 Sample : J1403-03MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-021218MS

Manual Integrations
 APPROVED

Sohil
 2/14/2018 10:29:40 AM

Quant Time: Feb 14 01:33:56 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	156219	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	638254	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	249318	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	346698	20.00	ng	0.00
75) Chrysene-d12	14.04	240	270843	20.00	ng	0.00
86) Perylene-d12	15.52	264	241878	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1135417	110.38	ng	0.01
7) Phenol-d6	6.51	99	1369589	110.58	ng	0.01
23) Nitrobenzene-d5	7.44	82	856030	93.04	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	204853	102.08	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1167470	77.70	ng	0.00
78) Terphenyl-d14	12.98	244	735424	64.29	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	159134	31.321	ng	90
3) Pyridine	3.47	79	438459	31.235	ng	93
4) n-Nitrosodimethylamine	3.40	42	229110	38.147	ng	96
6) Aniline	6.54	93	381144	20.838	ng	96
8) 2-Chlorophenol	6.66	128	383908	36.251	ng	96
9) Benzaldehyde	6.42	77	96215	10.460	ng	97
10) Phenol	6.52	94	558747	42.095	ng	95
11) bis(2-Chloroethyl)ether	6.61	93	399834	36.200	ng	92
12) 1,3-Dichlorobenzene	6.82	146	392912	32.039	ng	99
13) 1,4-Dichlorobenzene	6.89	146	397982	32.578	ng	98
14) 1,2-Dichlorobenzene	7.05	146	370742	32.583	ng	99
15) Benzyl Alcohol	7.02	79	343505	36.073	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	675548	32.197	ng	99
17) 2-Methylphenol	7.13	107	332795	34.068	ng	99
18) Hexachloroethane	7.39	117	133797	31.939	ng	96
19) n-Nitroso-di-n-propylamine	7.29	70	265000	32.451	ng	96
20) 3+4-Methylphenols	7.28	107	385868	32.032	ng	# 64
22) Acetophenone	7.29	105	517238	33.117	ng	# 94
24) Nitrobenzene	7.46	77	425235	39.282	ng	97
25) Isophorone	7.69	82	765646	36.139	ng	97
26) 2-Nitrophenol	7.77	139	192543	44.152	ng	96
27) 2,4-Dimethylphenol	7.81	122	343015	38.323	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	481068	38.331	ng	99
29) 2,4-Dichlorophenol	8.02	162	301370	37.038	ng	97
30) 1,2,4-Trichlorobenzene	8.10	180	292620	31.790	ng	99
31) Naphthalene	8.18	128	1034096	33.161	ng	100
32) Benzoic acid	7.86	122	14782m	10.787	ng	
33) 4-Chloroaniline	8.23	127	185185	13.785	ng	99
34) Hexachlorobutadiene	8.29	225	147368	31.243	ng	99
35) Caprolactam	8.59	113	97856	34.630	ng	# 78
36) 4-Chloro-3-methylphenol	8.71	107	316339	34.602	ng	99
37) 2-Methylnaphthalene	8.87	142	660806	32.366	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	252299	37.166	ng	99
40) Hexachlorocyclopentadiene	9.02	237	59713	18.504	ng	94

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Sohil
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	174964	39.240	nq	99
43) 2,4,5-Trichlorophenol	9.19	196	180606	35.937	nq	96
45) 1,1'-Biphenyl	9.33	154	744063	35.433	nq	99
46) 2-Chloronaphthalene	9.36	162	575444	34.808	nq	99
47) 2-Nitroaniline	9.46	65	215525	42.664	nq	95
48) Acenaphthylene	9.77	152	841079	32.756	nq	99
49) Dimethylphthalate	9.63	163	841743	43.300	nq	99
50) 2,6-Dinitrotoluene	9.69	165	144393	39.041	nq	# 85
51) Acenaphthene	9.95	154	483920	31.514	nq	99
52) 3-Nitroaniline	9.86	138	142096	31.225	nq	98
53) 2,4-Dinitrophenol	9.97	184	2147	11.146	nq	# 29
54) Dibenzofuran	10.12	168	720909	33.313	nq	96
55) 4-Nitrophenol	10.02	139	173081	47.977	nq	90
56) 2,4-Dinitrotoluene	10.10	165	172273	35.581	nq	98
57) Fluorene	10.46	166	514974	32.707	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.23	232	115190	33.071	nq	98
59) Diethylphthalate	10.33	149	632622	32.958	nq	100
60) 4-Chlorophenyl-phenylether	10.45	204	238055	34.178	nq	100
61) 4-Nitroaniline	10.47	138	138010	31.861	nq	97
62) Azobenzene	10.61	77	609443	31.782	nq	96
64) 4,6-Dinitro-2-methylphenol	10.50	198	7374	13.456	nq	87
65) n-Nitrosodiphenylamine	10.57	169	473308	38.704	nq	98
66) 4-Bromophenyl-phenylether	10.94	248	137212	37.414	nq	97
67) Hexachlorobenzene	11.01	284	135484	33.487	nq	93
68) Atrazine	11.09	200	132061	36.605	nq	98
69) Pentachlorophenol	11.20	266	117865	49.628	nq	99
70) Phenanthrene	11.42	178	665298	34.456	nq	99
71) Anthracene	11.47	178	664018	33.811	nq	99
72) Carbazole	11.63	167	616542	32.045	nq	99
73) Di-n-butylphthalate	11.95	149	822146	35.177	nq	100
74) Fluoranthene	12.61	202	630946	32.478	nq	98
76) Benzidine	12.73	184	272007	21.851	nq	97
77) Pyrene	12.84	202	651670	30.684	nq	99
79) Butylbenzylphthalate	13.45	149	328116	32.633	nq	98
80) Benzo(a)anthracene	14.03	228	575801	33.804	nq	99
81) 3,3'-Dichlorobenzidine	13.99	252	160424	25.401	nq	99
82) Chrysene	14.06	228	556866	32.431	nq	100
83) Bis(2-ethylhexyl)phthalate	14.01	149	473819	36.419	nq	100
84) Di-n-octyl phthalate	14.62	149	822455	42.101	nq	98
85) Indeno(1,2,3-cd)pyrene	17.02	276	462285	32.462	nq	99
87) Benzo(b)fluoranthene	15.08	252	570211	36.361	nq	96
88) Benzo(k)fluoranthene	15.11	252	481445	32.131	nq	98
89) Benzo(a)pyrene	15.45	252	488854	34.632	nq	# 96
90) Dibenzo(a,h)anthracene	17.03	278	387215	33.797	nq	100
91) Benzo(g,h,i)perylene	17.46	276	373339	33.292	nq	96

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

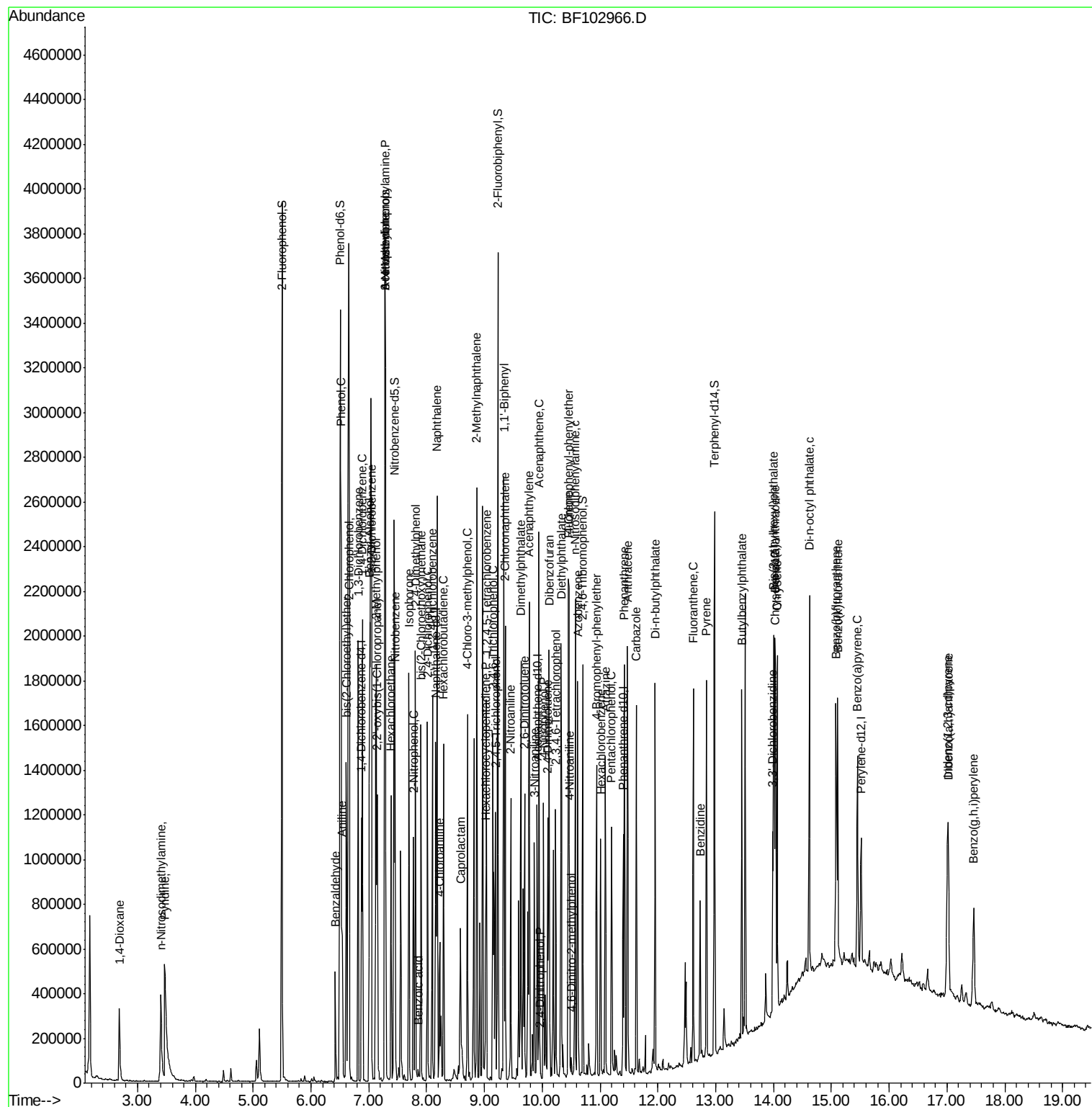
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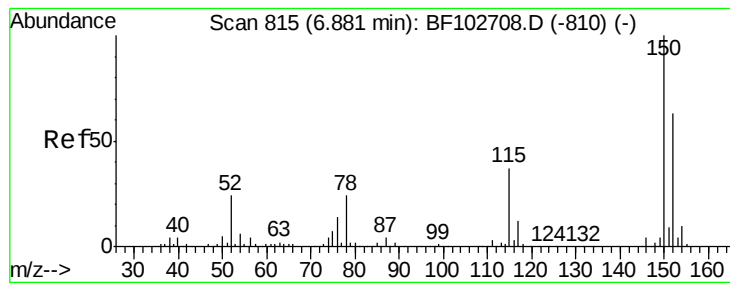
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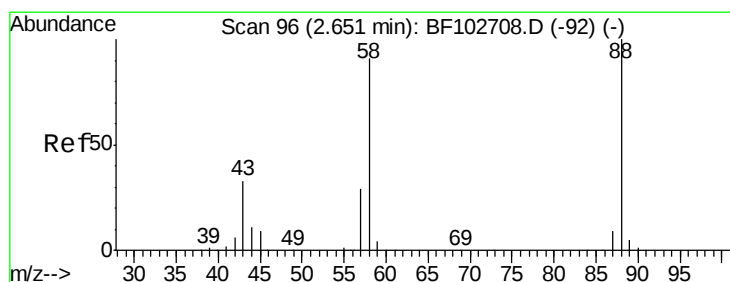
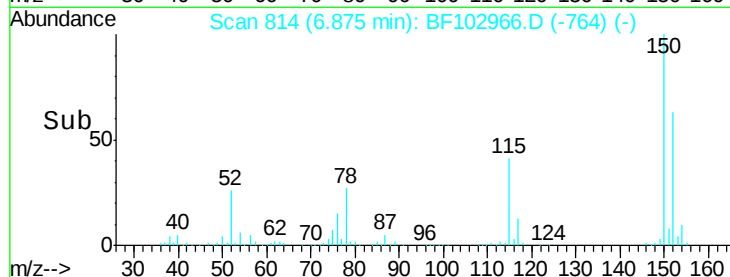
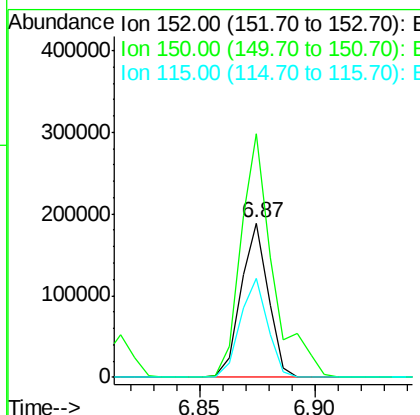
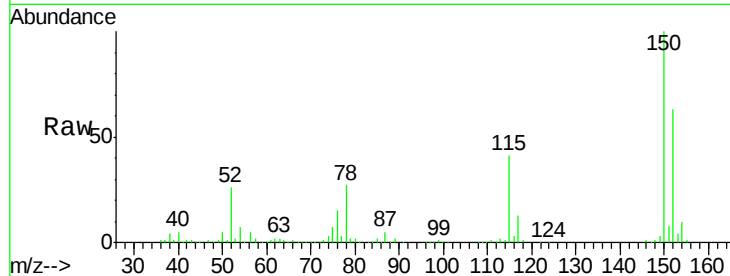
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF102966.D
 Acq: 13 Feb 2018 17:19

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-021218MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	124.6	186.8
115	63.9	50.1	75.1

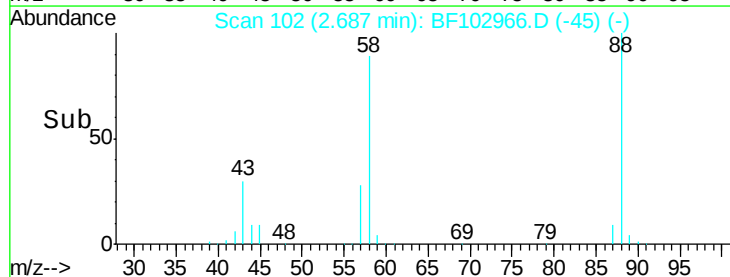
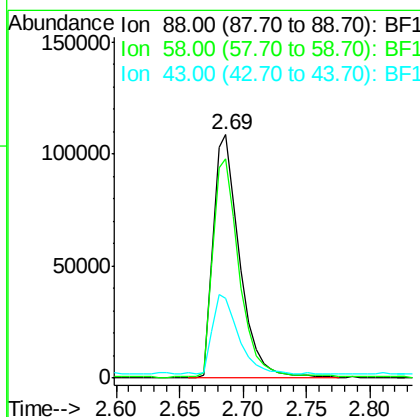
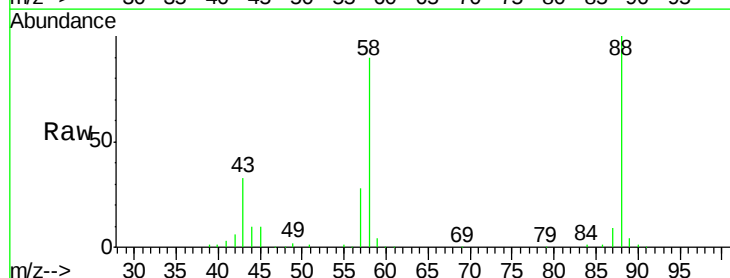
Manual Integrations
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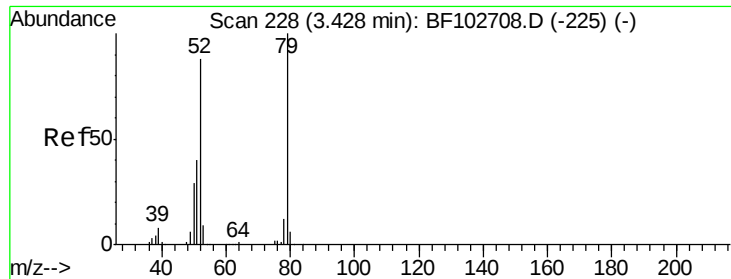
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#2
 1,4-Dioxane
 Concen: 31.321 ng
 RT: 2.69 min Scan# 102
 Delta R.T. 0.04 min
 Lab File: BF102966.D
 Acq: 13 Feb 2018 17:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.3	62.6	93.8
43	31.7	24.6	37.0





#3

Pvridine

Concen: 31.235 ng

RT: 3.47 min Scan# 235

Delta R.T. 0.04 min

Lab File: BF102966.D

Acq: 13 Feb 2018 17:19

Instrument :

BNA_F

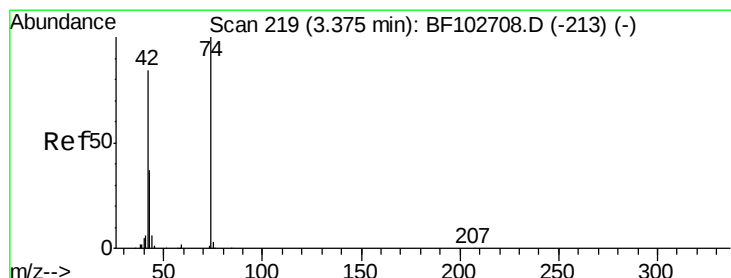
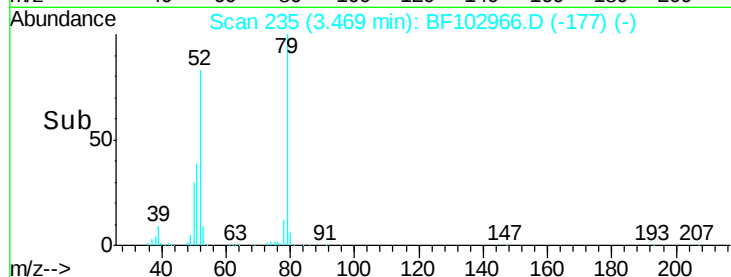
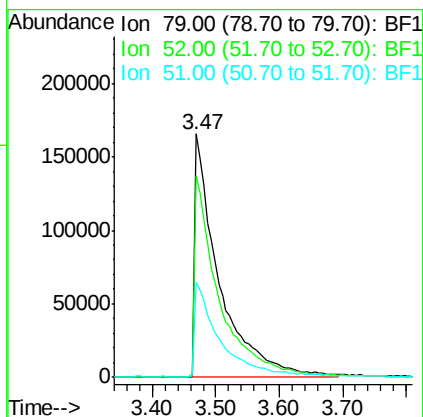
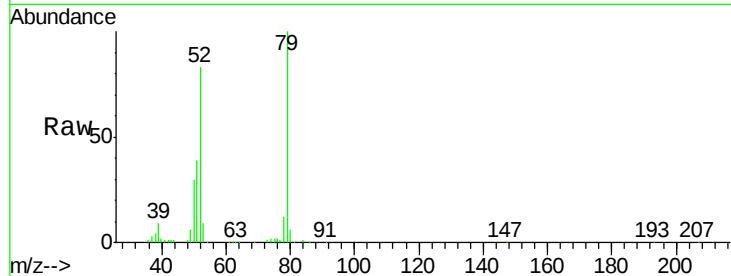
ClientSampleId :

SU-03-021218MS

Tot Ion:	79	Resp:	438459
Ion Ratio	Lower	Upper	
79	100		
52	82.8	59.8	89.6
51	39.1	29.8	44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 38.147 ng

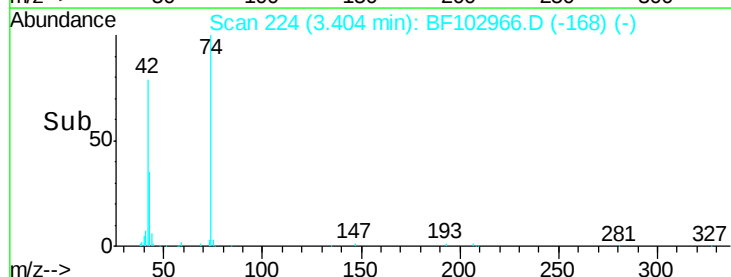
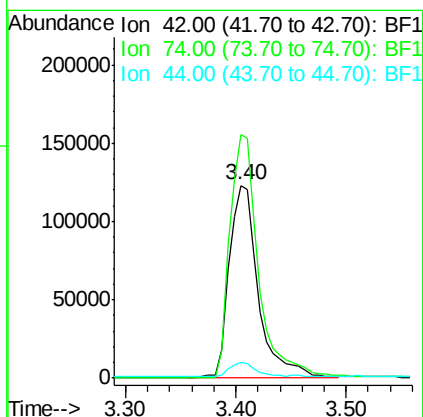
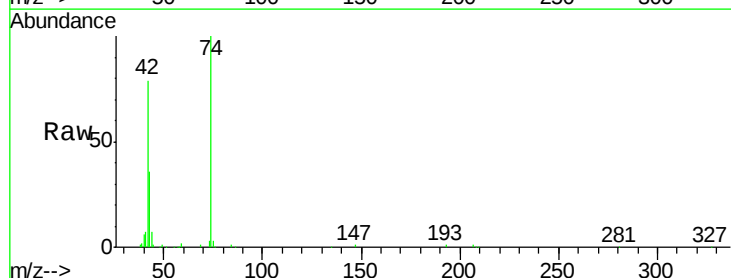
RT: 3.40 min Scan# 224

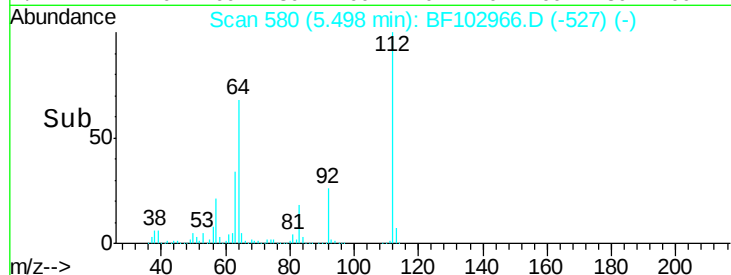
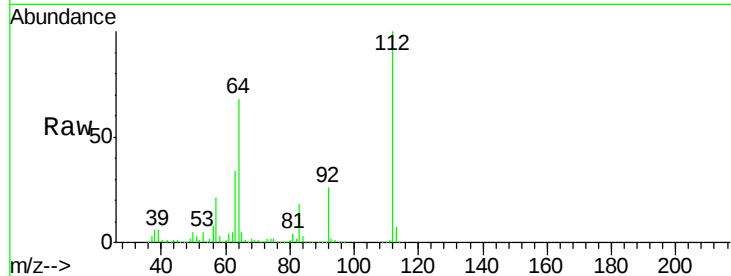
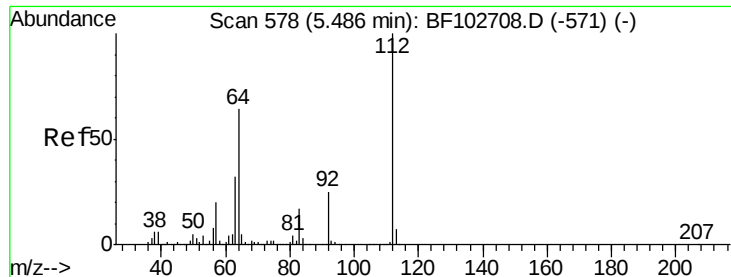
Delta R.T. 0.03 min

Lab File: BF102966.D

Acq: 13 Feb 2018 17:19

Tgt Ion:	42	Resp:	229110
Ion Ratio	Lower	Upper	
42	100		
74	126.3	104.9	157.3
44	8.3	6.9	10.3





#5

2-Fluorophenol

Concen: 110.378 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.01 min

Lab File: BF102966.D

Acq: 13 Feb 2018 17:19

Instrument :

BNA_F

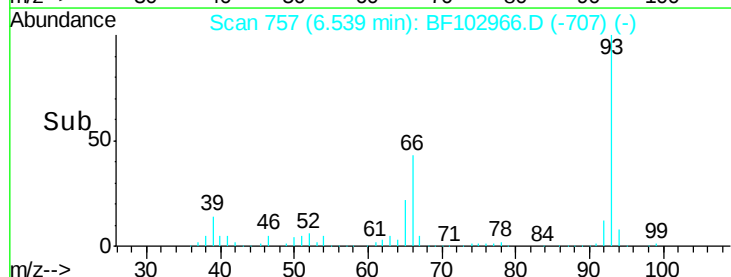
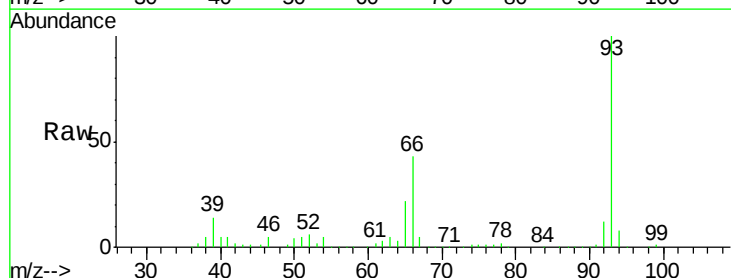
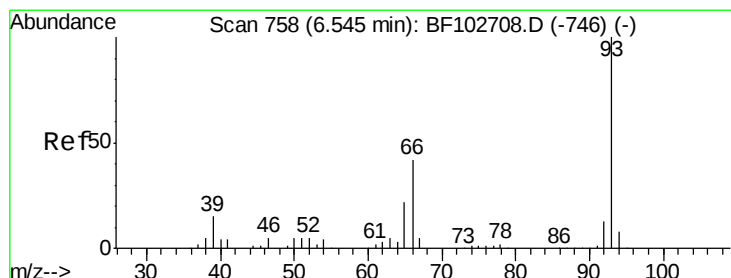
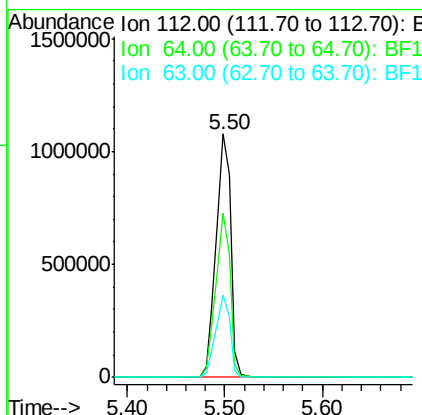
ClientSampleId :

SU-03-021218MS

Tot Ion:	112	Resp:	1135417
Ion	Ratio	Lower	Upper
112	100		
64	67.6	47.9	71.9
63	33.7	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 20.838 ng

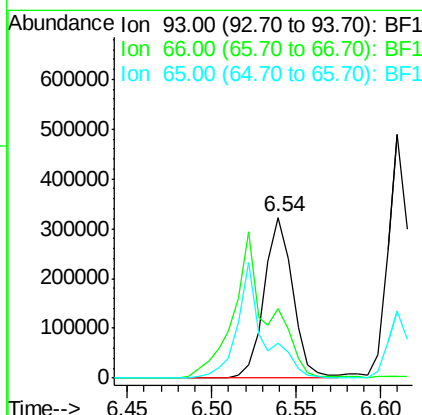
RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF102966.D

Acq: 13 Feb 2018 17:19

Tgt Ion:	93	Resp:	381144
Ion	Ratio	Lower	Upper
93	100		
66	43.1	32.2	48.2
65	22.1	16.4	24.6





#7

Phenol-d6

Concen: 110.578 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102966.D

Acq: 13 Feb 2018 17:19

Instrument :

BNA_F

ClientSampleId :

SU-03-021218MS

Tot Ion: 99 Resp: 1369589

Ion Ratio Lower Upper

99 100

42 20.1 14.5 21.7

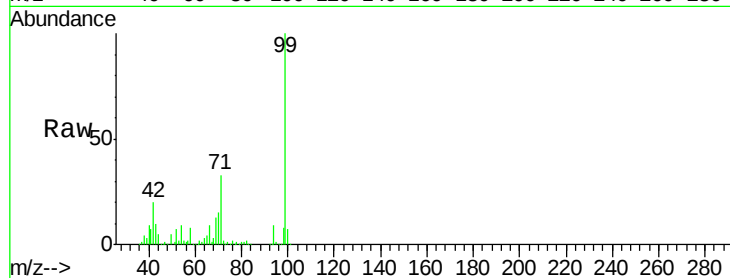
71 32.6 25.4 38.0

Manual Integrations

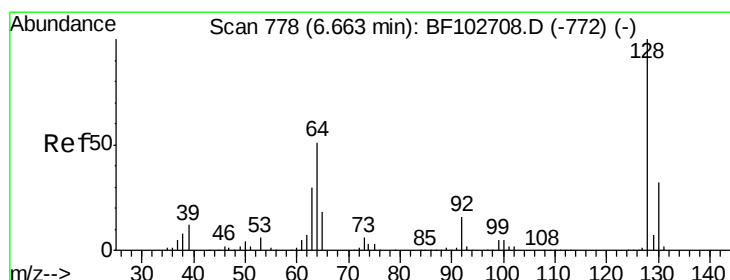
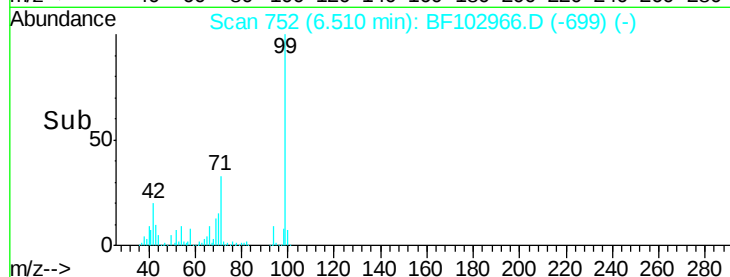
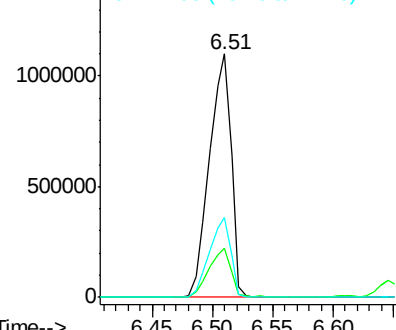
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 36.251 ng

RT: 6.66 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF102966.D

Acq: 13 Feb 2018 17:19

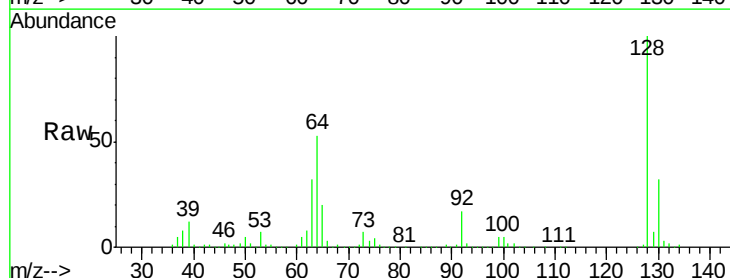
Tgt Ion: 128 Resp: 383908

Ion Ratio Lower Upper

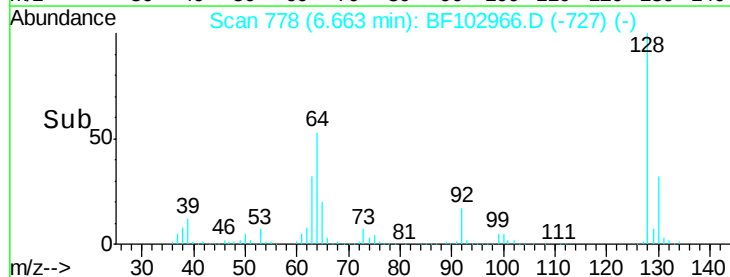
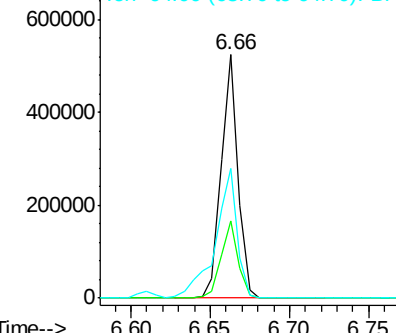
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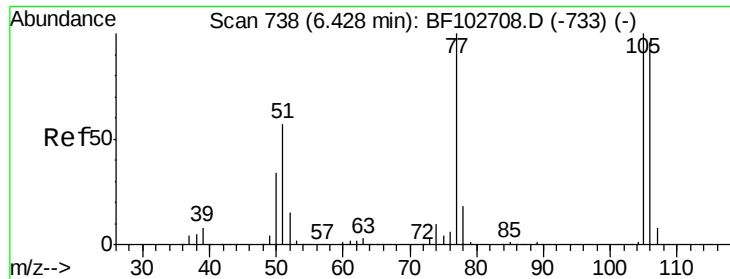
130 32.0 13.0 53.0

64 53.1 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: 10.460 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF102966.D

Acq: 13 Feb 2018 17:19

Instrument :

BNA_F

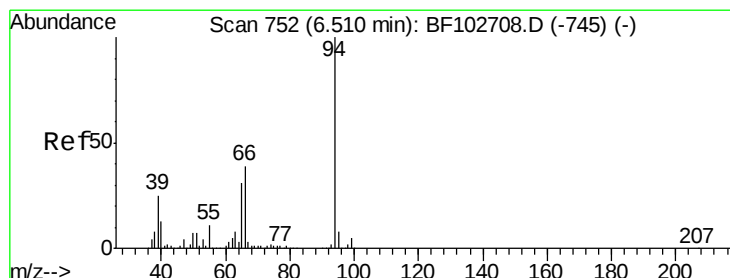
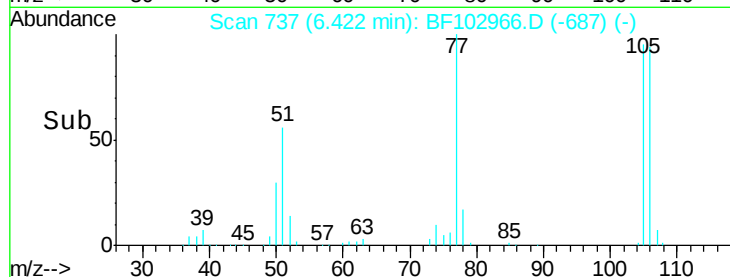
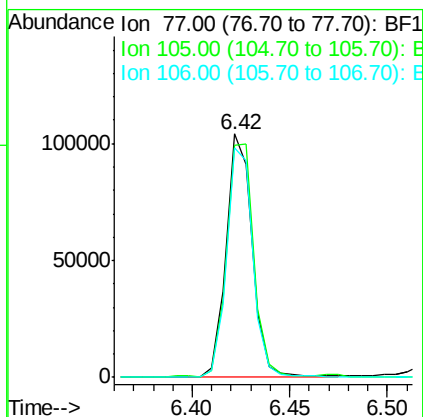
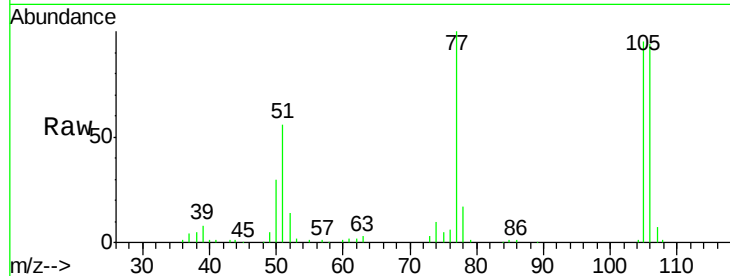
ClientSampleId :

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Tot Ion:	77	Resp:	96215
Ion Ratio	Lower	Upper	
77	100		
105	95.3	81.1	121.1
106	94.3	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 42.095 ng

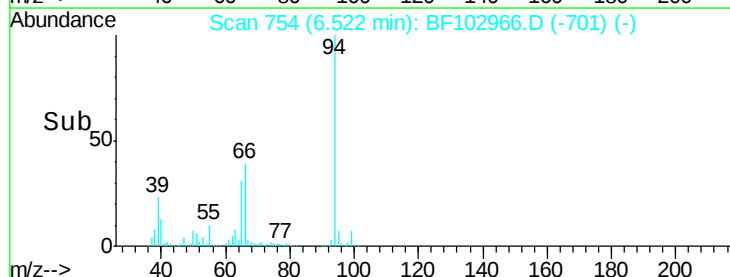
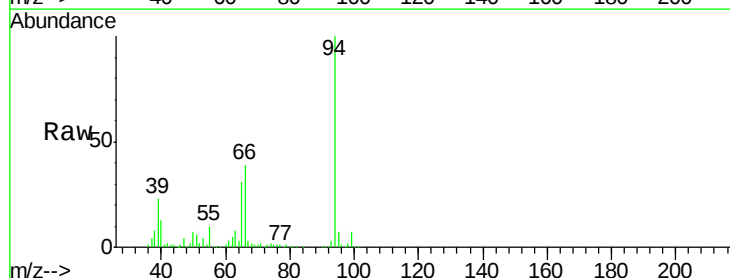
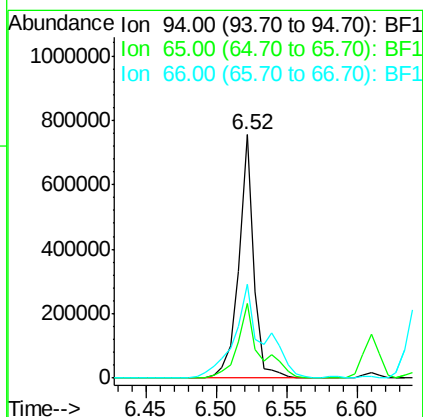
RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF102966.D

Acq: 13 Feb 2018 17:19

Tgt Ion:	94	Resp:	558747
Ion Ratio	Lower	Upper	
94	100		
65	30.7	7.9	47.9
66	38.8	16.2	56.2





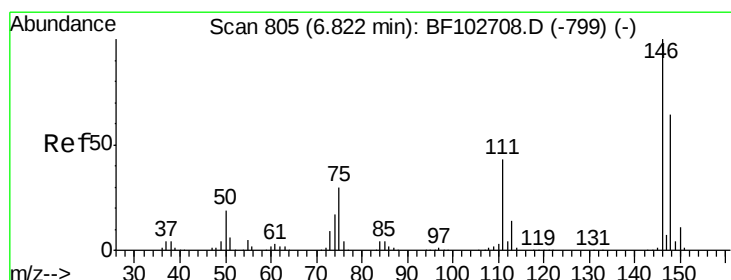
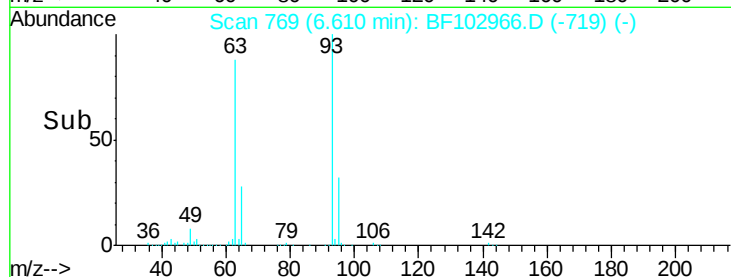
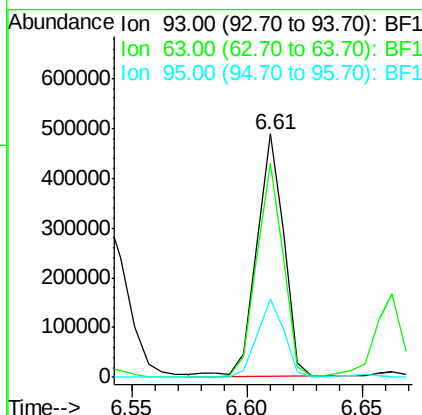
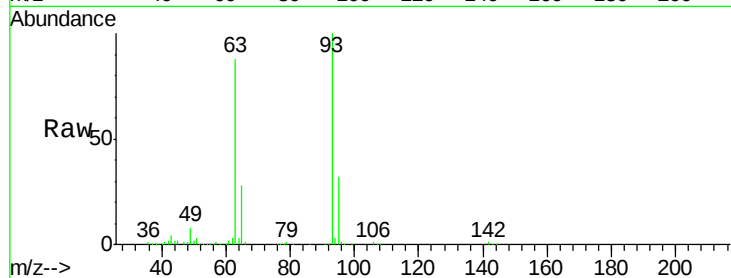
#11
bis(2-Chloroethyl)ether
Concen: 36.200 ng
RT: 6.61 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF102966.D
Acq: 13 Feb 2018 17:19

Instrument :
BNA_F
ClientSampleId :
SU-03-021218MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	87.9	58.6	98.6
95	32.1	11.8	51.8

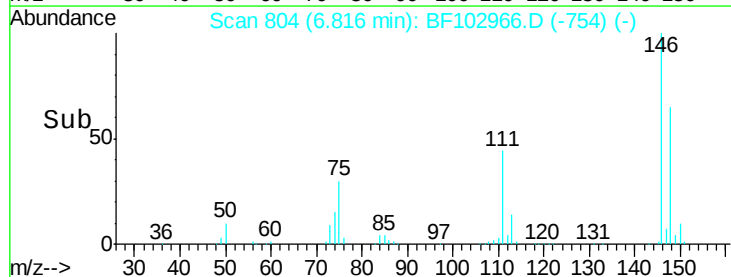
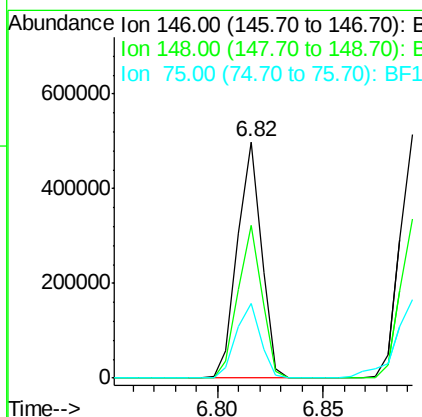
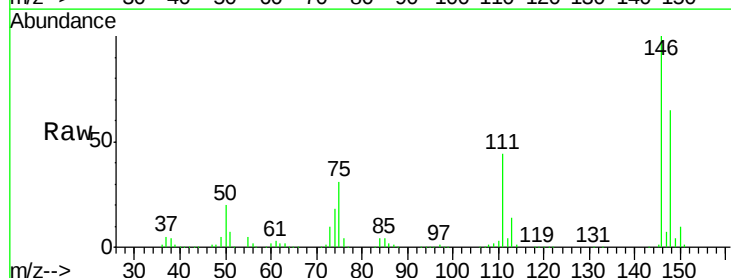
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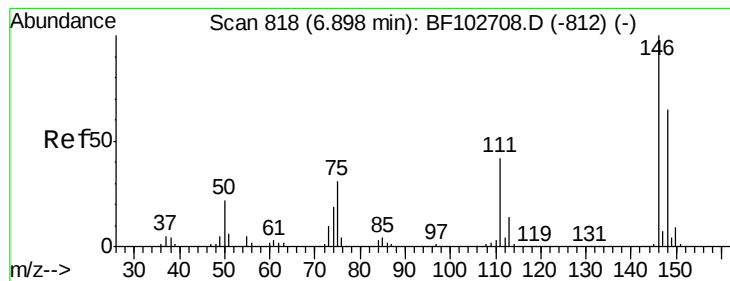
Sohil
2/14/2018 10:29:40 AM



#12
1,3-Dichlorobenzene
Concen: 32.039 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF102966.D
Acq: 13 Feb 2018 17:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.8	77.8
75	31.5	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 32.578 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF102966.D

Acq: 13 Feb 2018 17:19

Instrument :

BNA_F

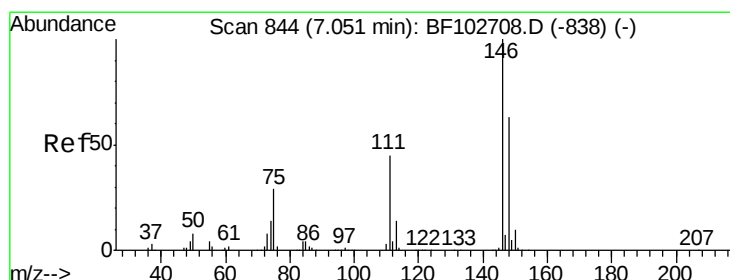
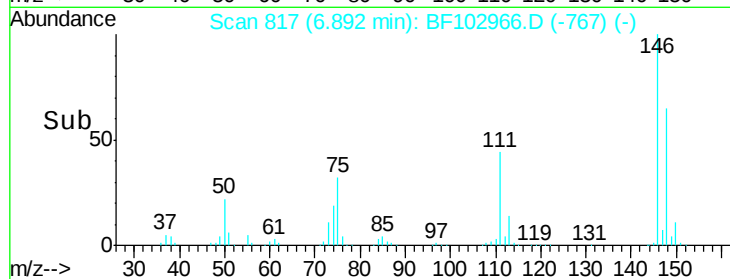
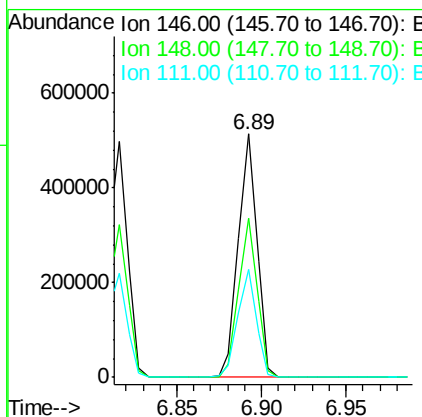
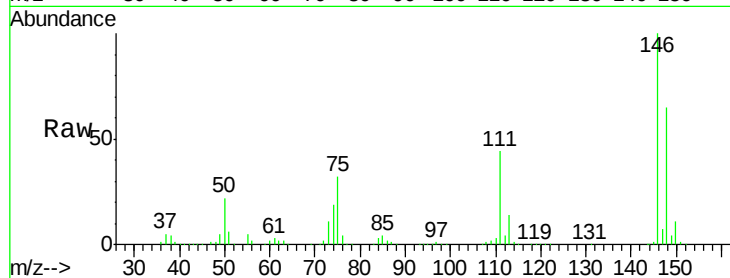
ClientSampleId :

SU-03-021218MS

Tot Ion:	146	Resp:	397982
Ion Ratio	Lower	Upper	
146	100		
148	65.3	50.8	76.2
111	44.5	34.2	51.2

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#14

1,2-Dichlorobenzene

Concen: 32.583 ng

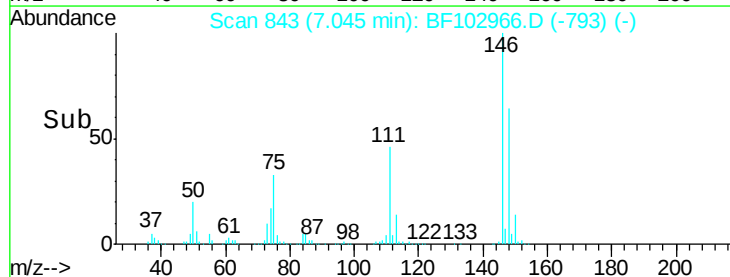
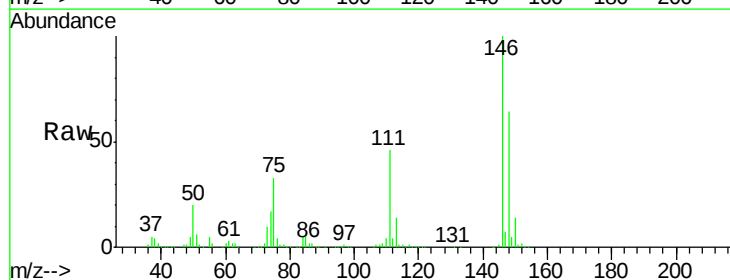
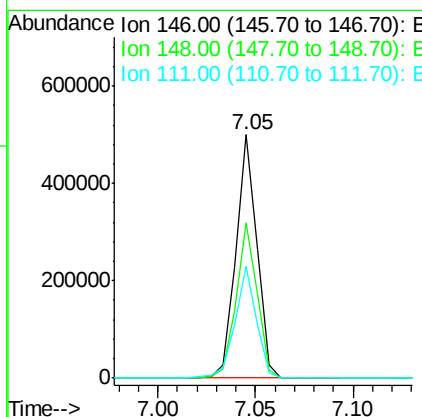
RT: 7.05 min Scan# 843

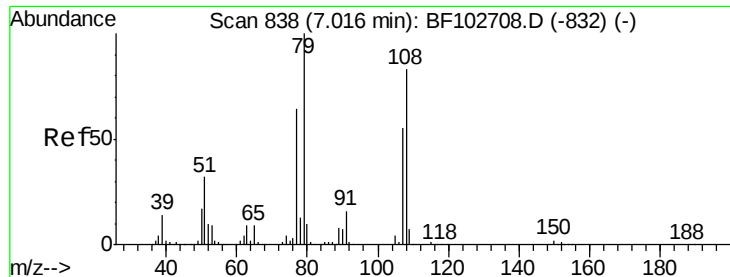
Delta R.T. -0.01 min

Lab File: BF102966.D

Acq: 13 Feb 2018 17:19

Tgt Ion:	146	Resp:	370742
Ion Ratio	Lower	Upper	
146	100		
148	63.8	50.6	75.8
111	45.8	36.0	54.0





#15

Benzyl Alcohol

Concen: 36.073 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF102966.D

Acq: 13 Feb 2018 17:19

Instrument :

BNA_F

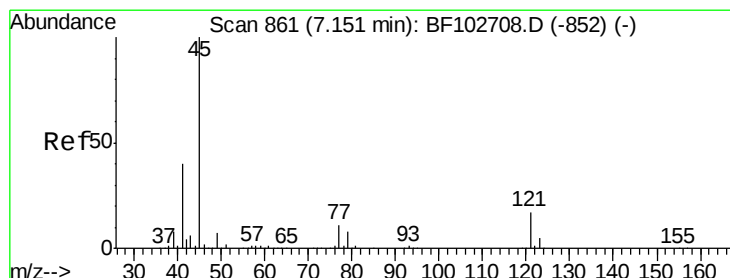
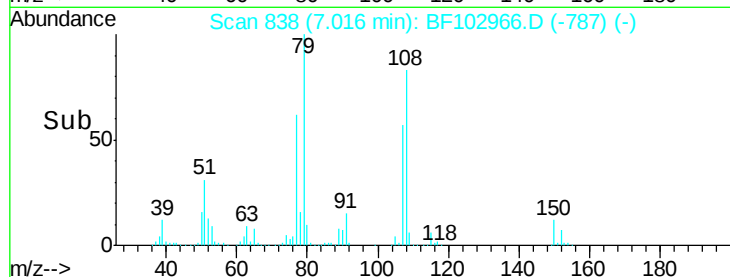
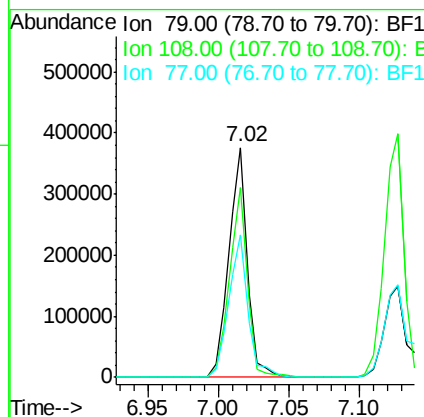
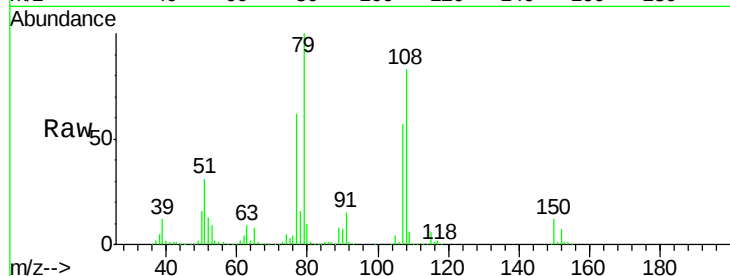
ClientSampleId :

SU-03-021218MS

Tot Ion:	79	Resp:	343505
Ion Ratio	Lower	Upper	
79	100		
108	82.8	65.1	97.7
77	62.3	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 32.197 ng

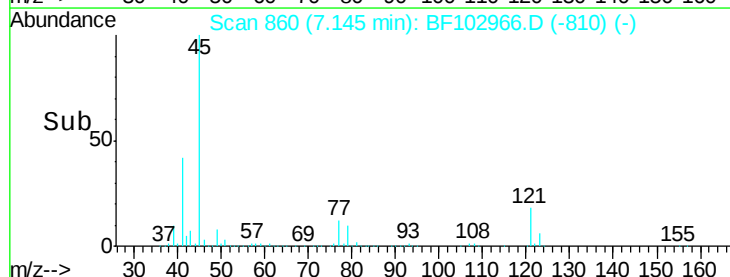
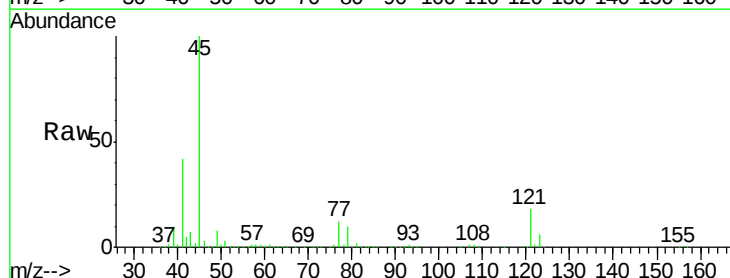
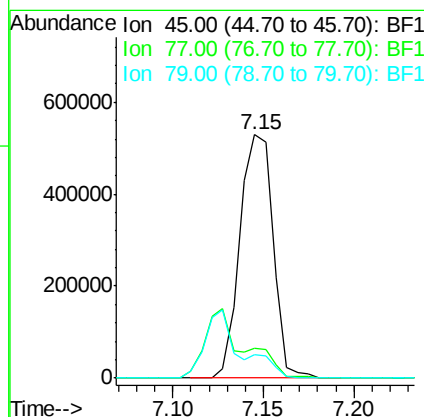
RT: 7.15 min Scan# 860

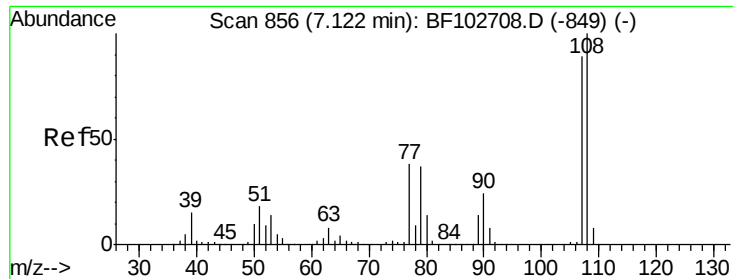
Delta R.T. -0.01 min

Lab File: BF102966.D

Acq: 13 Feb 2018 17:19

Tgt Ion:	45	Resp:	675548
Ion Ratio	Lower	Upper	
45	100		
77	12.3	0.0	32.9
79	9.5	0.0	29.6





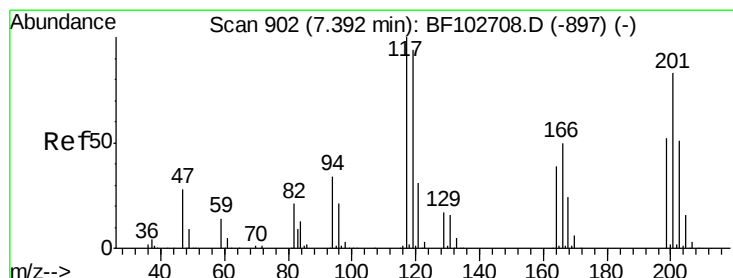
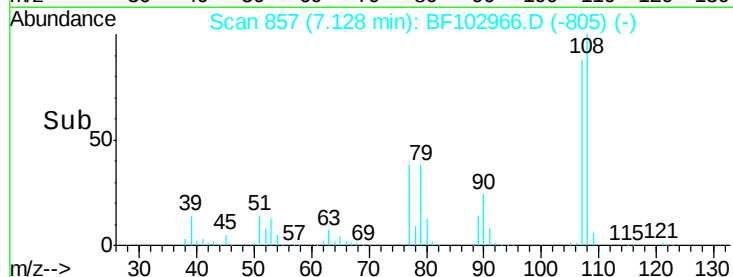
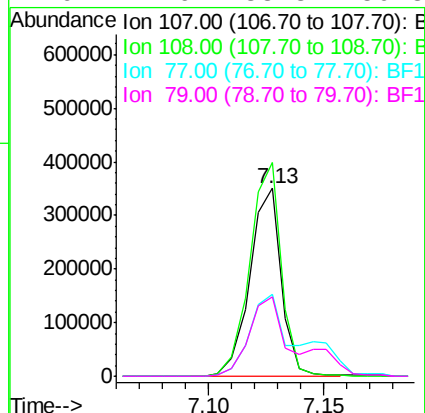
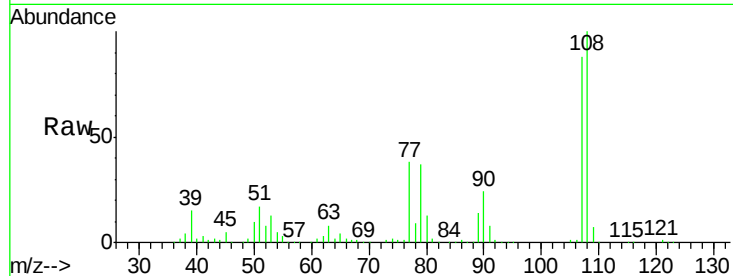
#17
2-Methylphenol
Concen: 34.068 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.01 min
Lab File: BF102966.D
Acq: 13 Feb 2018 17:19

Instrument :
BNA_F
ClientSampleId :
SU-03-021218MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	113.7		91.7	137.5	
77	43.4		33.8	50.8	
79	42.6		33.8	50.8	

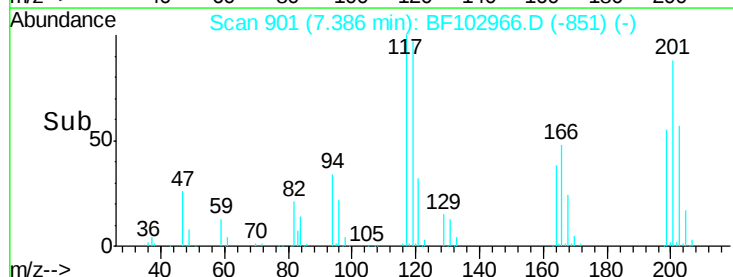
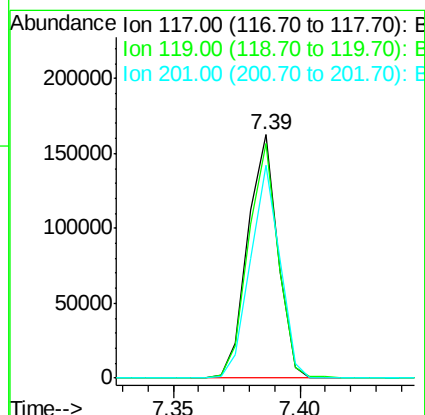
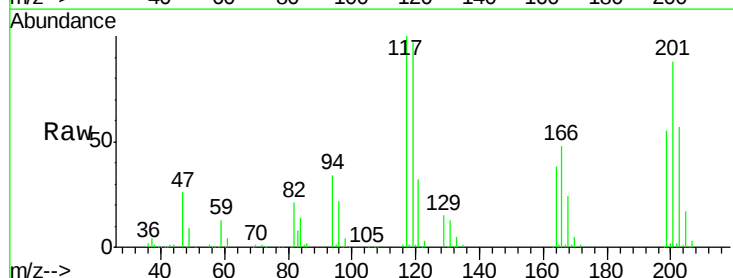
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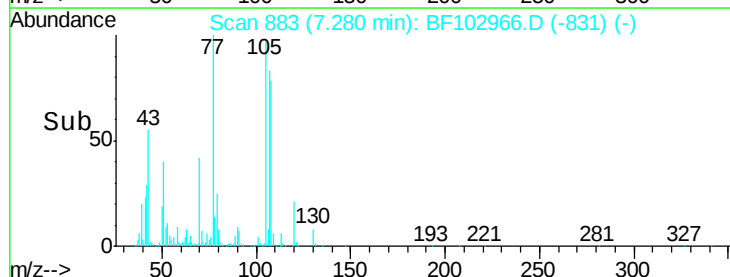
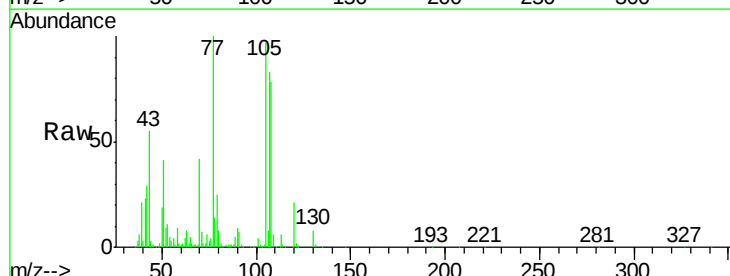
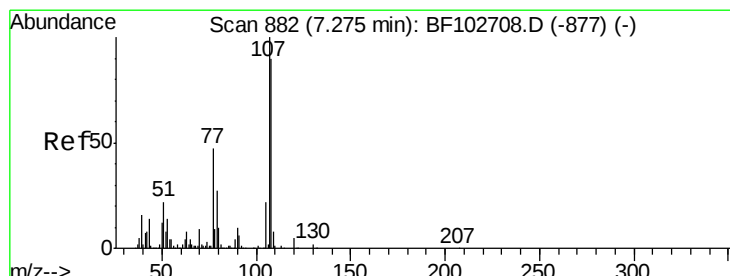
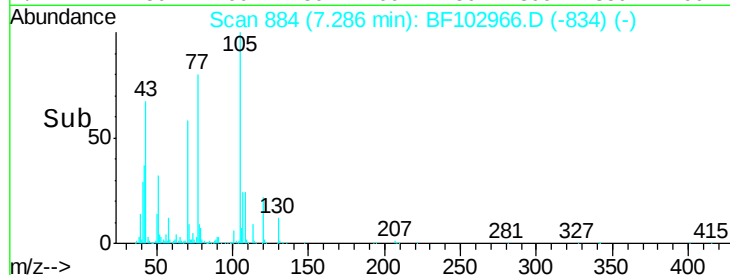
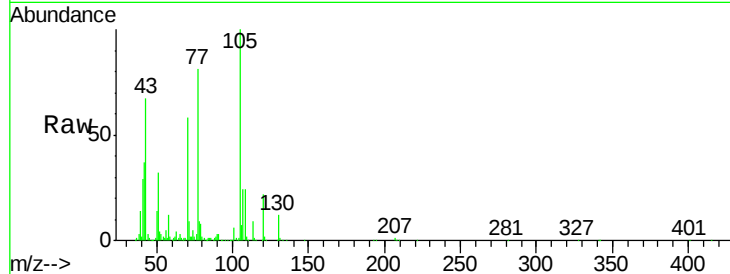
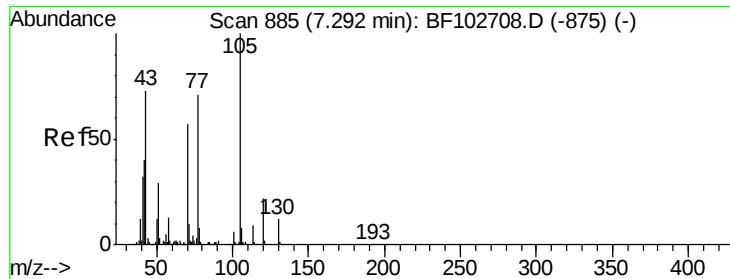
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#18
Hexachloroethane
Concen: 31.939 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF102966.D
Acq: 13 Feb 2018 17:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100				
119	96.5		75.8	113.8	
201	87.6		75.7	113.5	





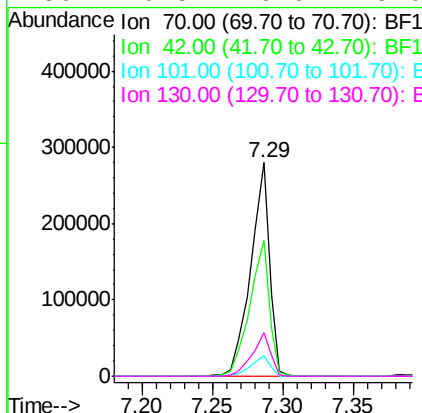
#19
n-Nitroso-di-n-propylamine
Concen: 32.451 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102966.D
Acq: 13 Feb 2018 17:19

Instrument :
BNA_F
ClientSampleId :
SU-03-021218MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	63.5	47.5	71.3
101	9.7	7.4	11.2
130	20.5	16.6	25.0

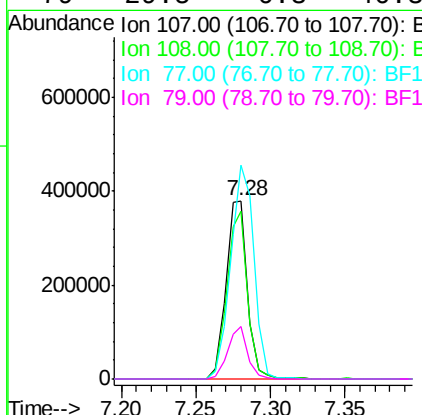
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#20
3+4-Methylphenols
Concen: 32.032 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.01 min
Lab File: BF102966.D
Acq: 13 Feb 2018 17:19

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.0	68.2	108.2
77	119.8	26.7	66.7#
79	29.5	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: BF102966.D

Acq: 13 Feb 2018 17:19

Instrument :

BNA_F

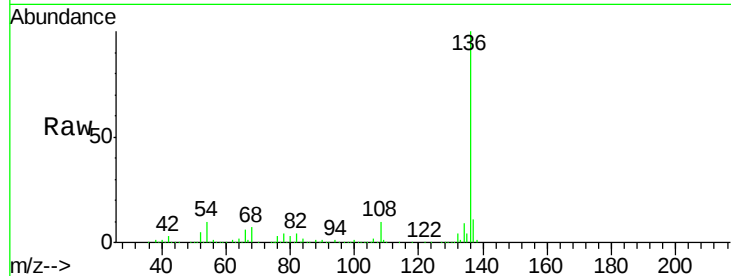
ClientSampleId :

SU-03-021218MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		638254		
137	10.6		8.9	13.3	
54	9.7		6.6	9.8	
68	6.8		5.0	7.4	

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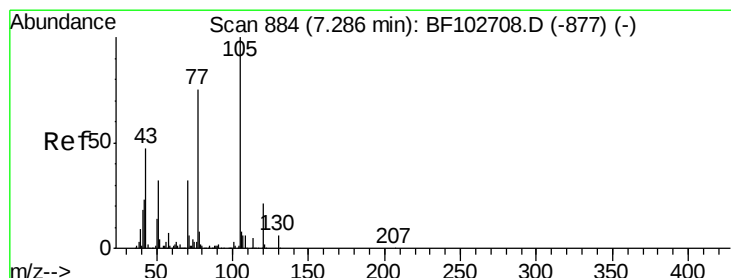
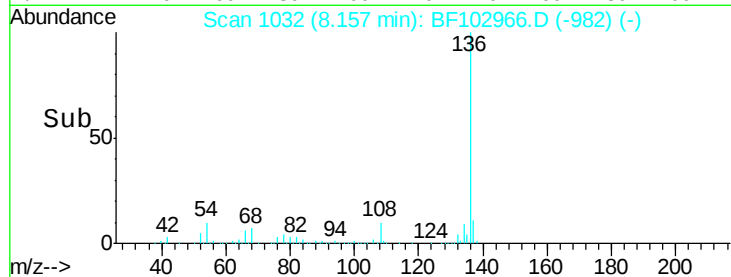
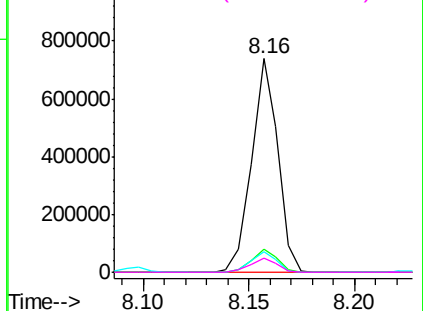


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 33.117 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF102966.D

Acq: 13 Feb 2018 17:19

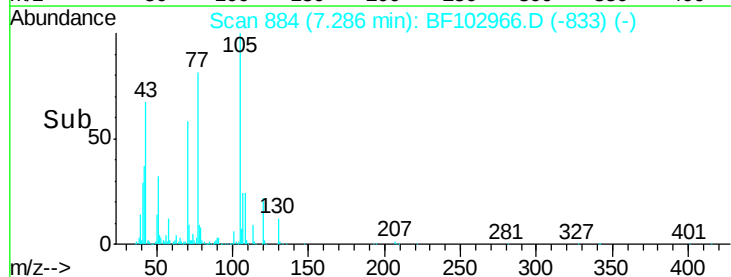
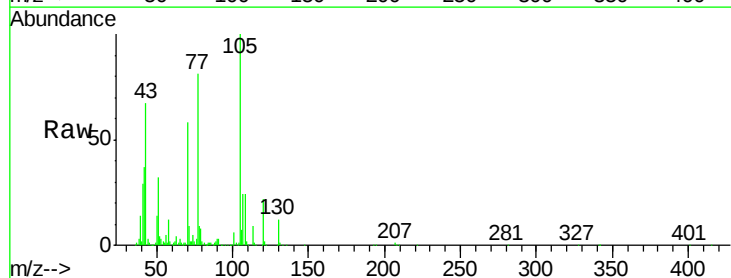
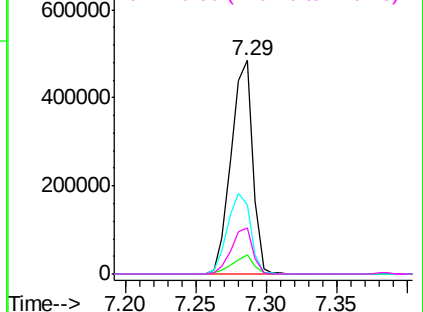
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		517238		
71	9.3		4.4	6.6#	
51	32.1		22.3	33.5	
120	21.7		16.9	25.3	

Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





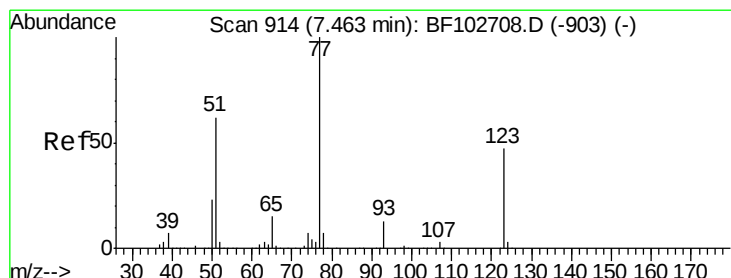
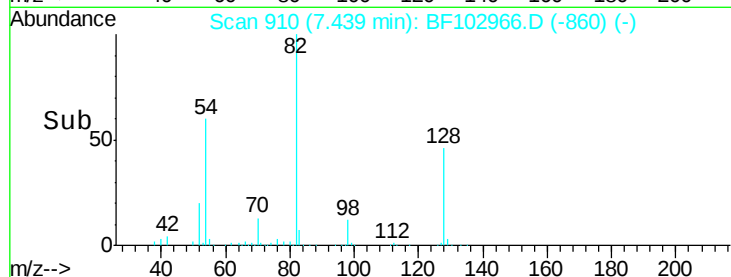
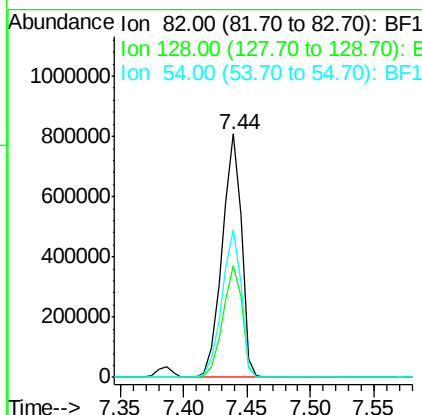
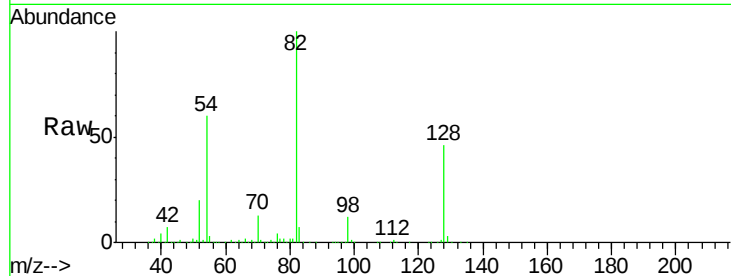
#23
Nitrobenzene-d5
Concen: 93.040 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF102966.D
Acq: 13 Feb 2018 17:19

Instrument :
BNA_F
ClientSampleId :
SU-03-021218MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.1	54.1
54	60.4	41.4	62.2

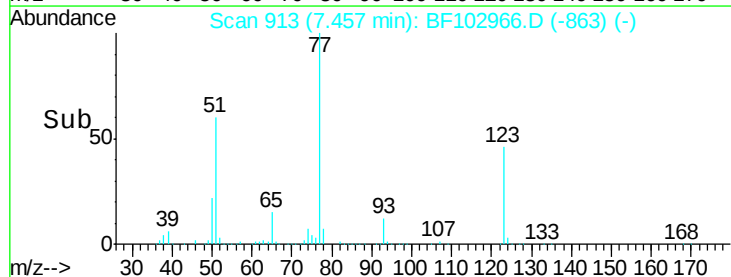
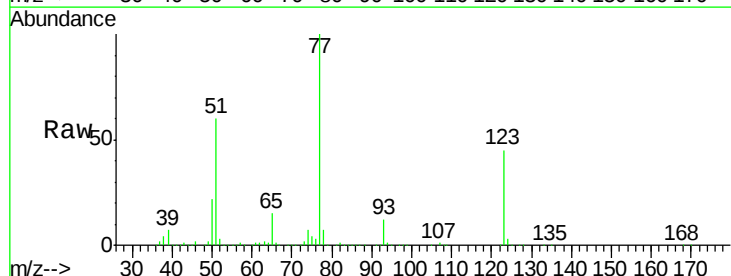
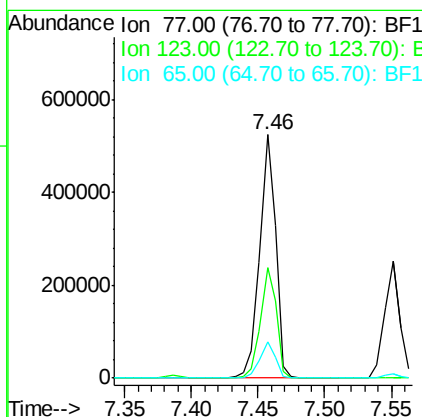
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#24
Nitrobenzene
Concen: 39.282 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF102966.D
Acq: 13 Feb 2018 17:19

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.4	37.9	56.9
65	15.0	11.0	16.4





#25

Isophorone

Concen: 36.139 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF102966.D

Acq: 13 Feb 2018 17:19

Instrument :

BNA_F

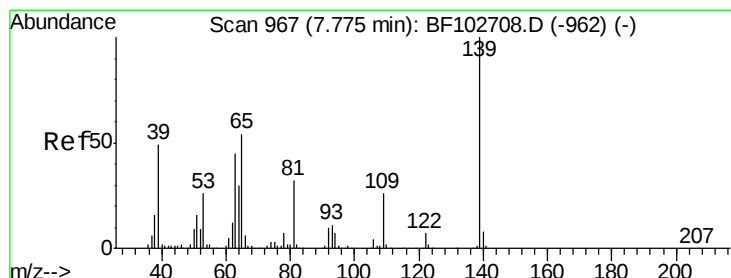
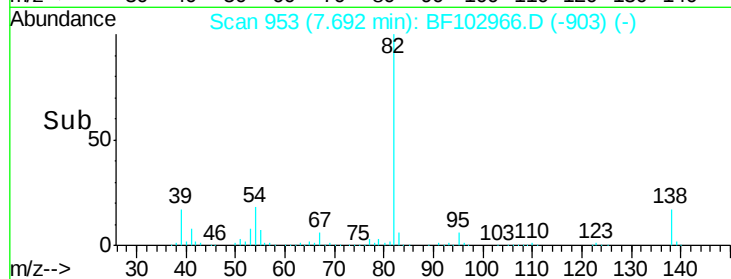
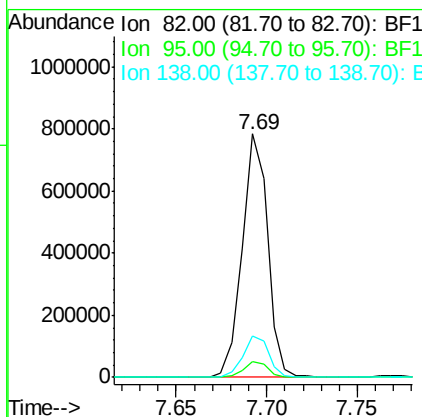
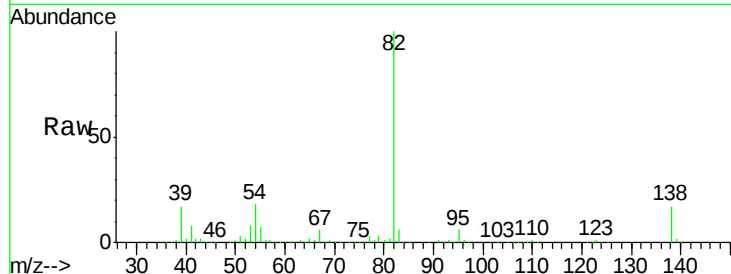
ClientSampleId :

SU-03-021218MS

Tot Ion:	82	Resp:	765646
Ion Ratio	Lower	Upper	
82	100		
95	6.3	5.2	7.8
138	17.0	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 44.152 ng

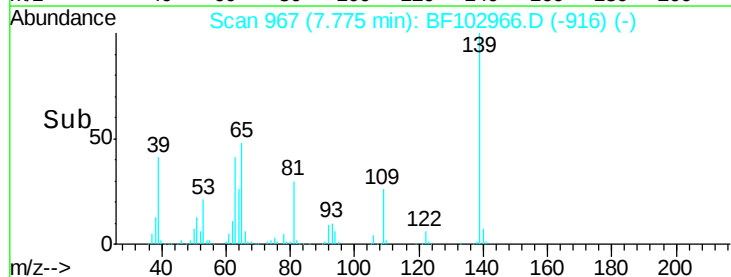
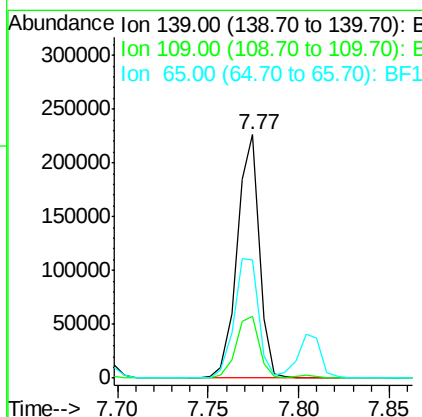
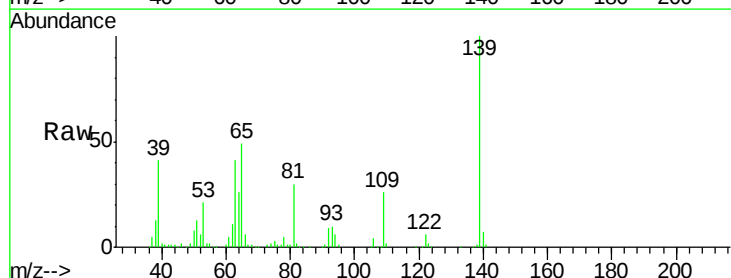
RT: 7.77 min Scan# 967

Delta R.T. 0.00 min

Lab File: BF102966.D

Acq: 13 Feb 2018 17:19

Tgt Ion:	139	Resp:	192543
Ion Ratio	Lower	Upper	
139	100		
109	25.5	22.7	34.1
65	48.5	40.5	60.7





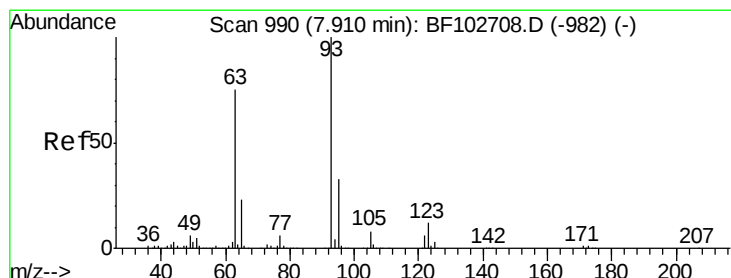
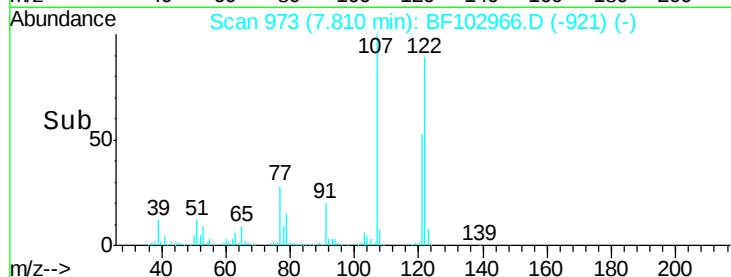
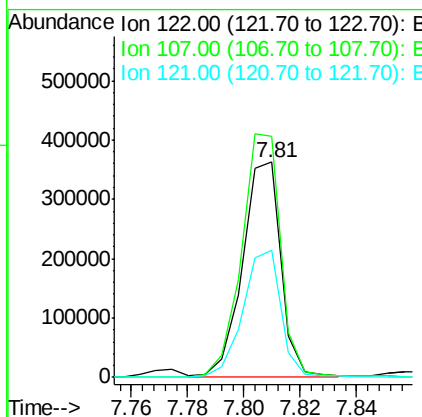
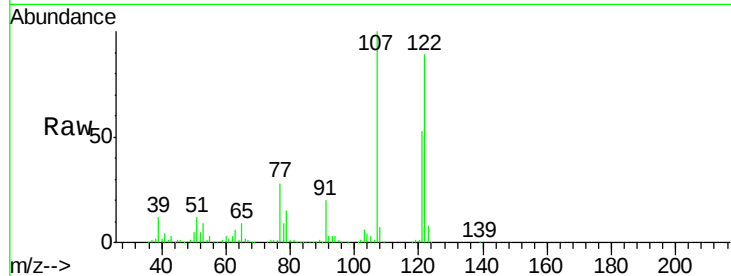
#27
 2,4-Dimethylphenol
 Concen: 38.323 ng
 RT: 7.81 min Scan# 973
 Delta R.T. 0.01 min
 Lab File: BF102966.D
 Acq: 13 Feb 2018 17:19

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-021218MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	343015		
107	112.2	91.2	136.8	
121	59.2	47.2	70.8	

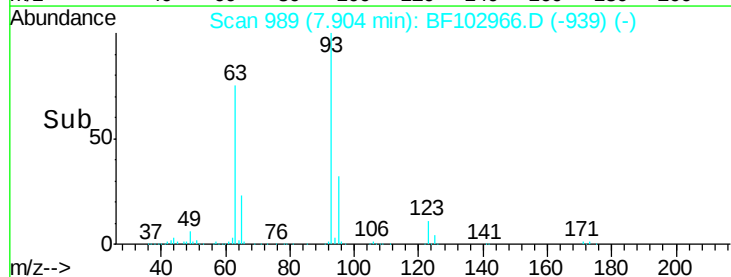
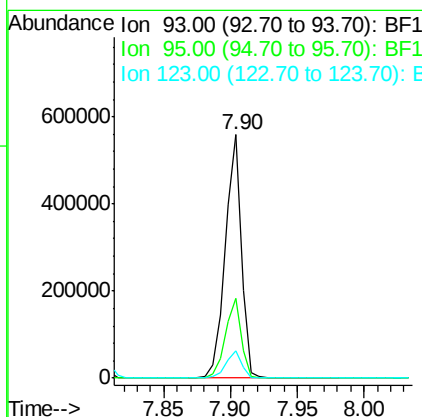
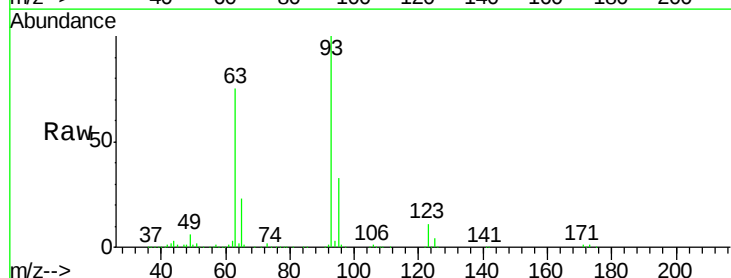
Manual Integrations
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#28
 bis(2-Chloroethoxy)methane
 Concen: 38.331 ng
 RT: 7.90 min Scan# 989
 Delta R.T. -0.01 min
 Lab File: BF102966.D
 Acq: 13 Feb 2018 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	481068		
95	32.6	26.3	39.5	
123	11.4	9.8	14.6	





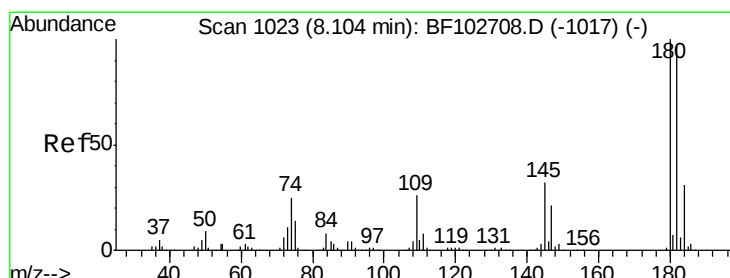
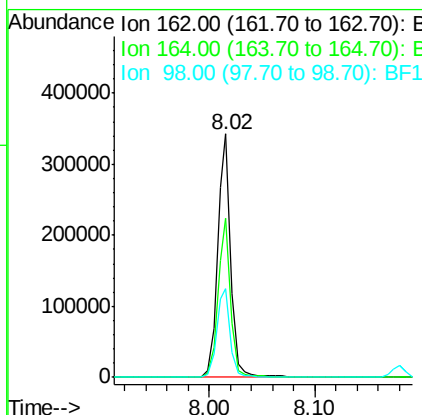
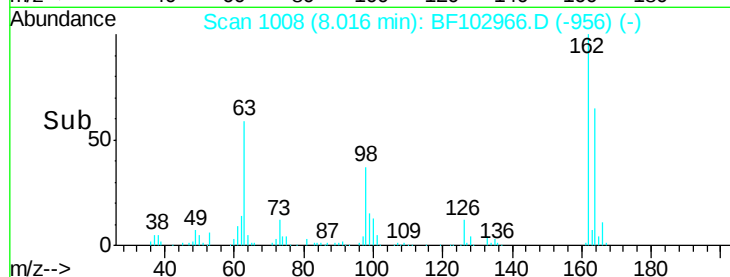
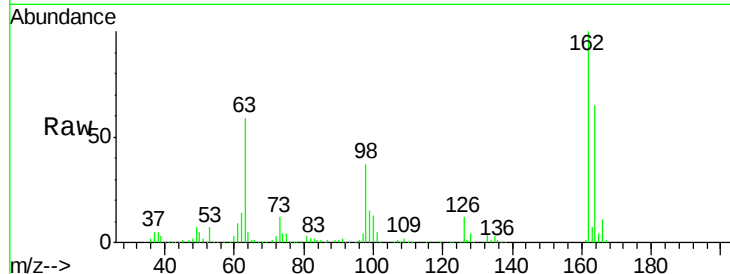
#29
2,4-Dichlorophenol
Concen: 37.038 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.01 min
Lab File: BF102966.D
Acq: 13 Feb 2018 17:19

Instrument :
BNA_F
ClientSampleId :
SU-03-021218MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	301370		
164	65.4	42.7	82.7	
98	36.7	18.1	58.1	

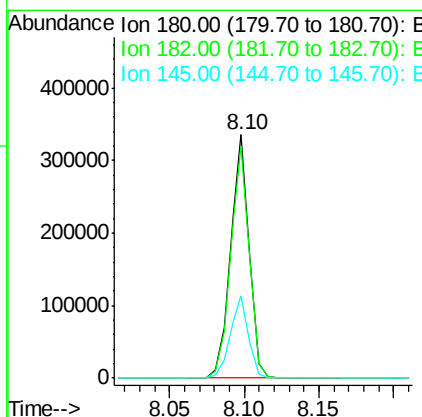
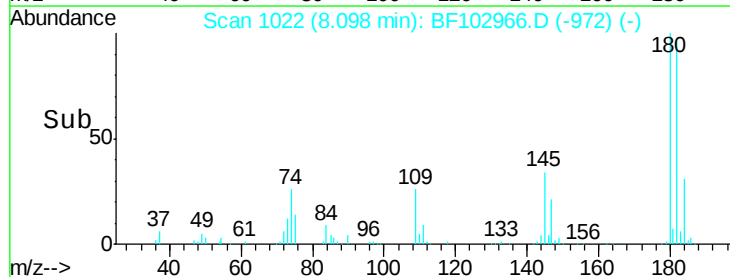
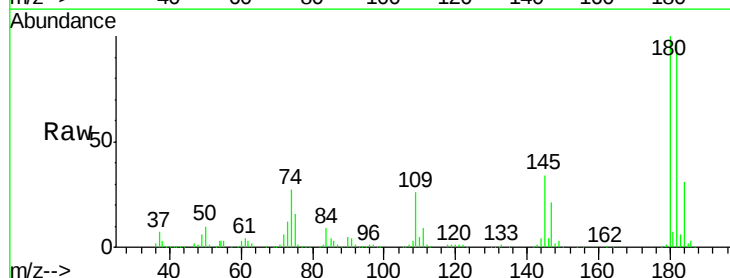
Manual Integrations
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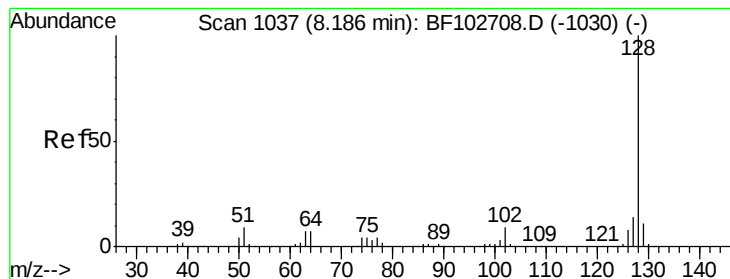
Sohil
2/14/2018 10:29:40 AM



#30
1,2,4-Trichlorobenzene
Concen: 31.790 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF102966.D
Acq: 13 Feb 2018 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	292620		
182	95.5	76.8	115.2	
145	33.6	26.5	39.7	





#31

Naphthalene

Concen: 33.161 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF102966.D

Acq: 13 Feb 2018 17:19

Instrument :

BNA_F

ClientSampleId :

SU-03-021218MS

Tot Ion:128 Resp: 1034096

Ion Ratio Lower Upper

128 100

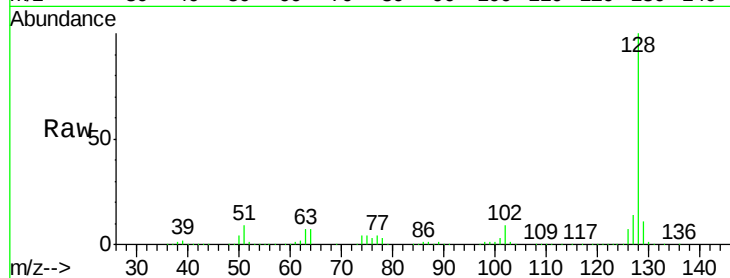
129 11.2 8.8 13.2

127 13.6 10.9 16.3

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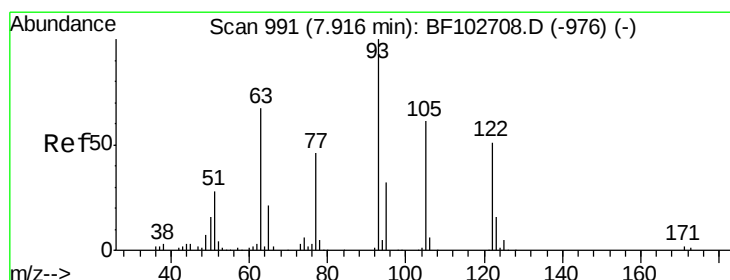
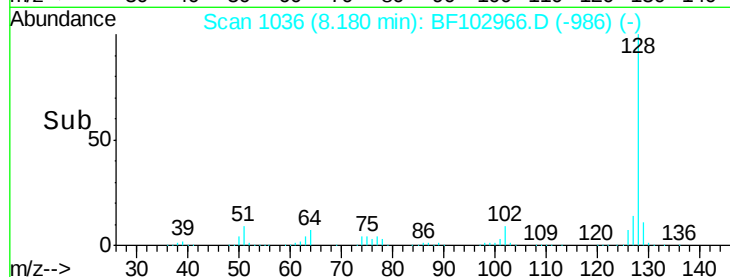
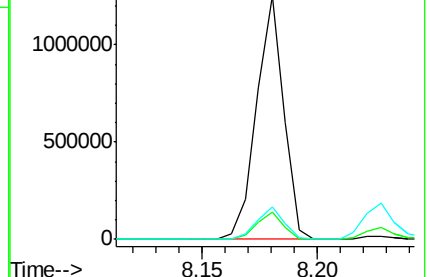
2/14/2018 10:29:40 AM



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: 10.787 ng m

RT: 7.86 min Scan# 981

Delta R.T. -0.06 min

Lab File: BF102966.D

Acq: 13 Feb 2018 17:19

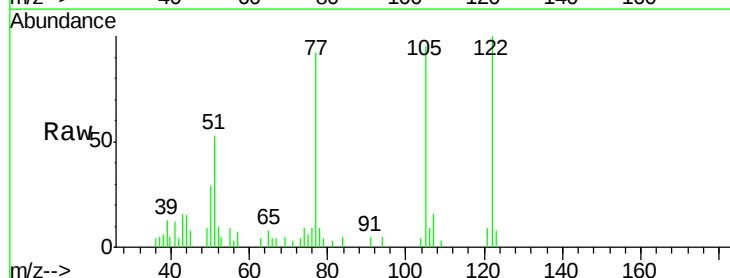
Tgt Ion:122 Resp: 14782

Ion Ratio Lower Upper

122 100

105 94.6 101.1 141.1#

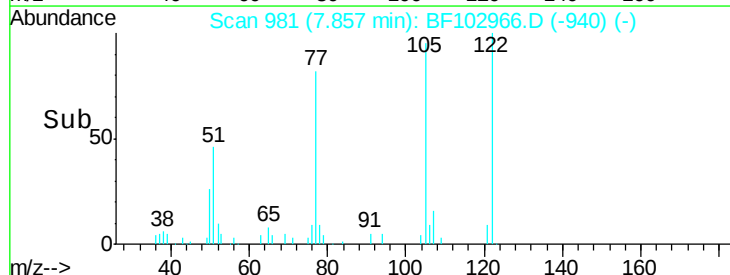
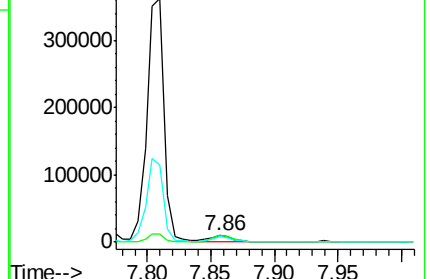
77 91.9 70.7 110.7



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





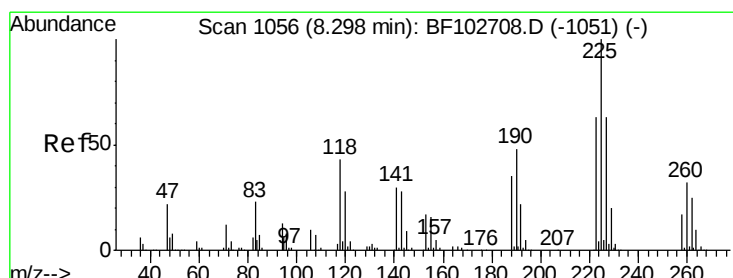
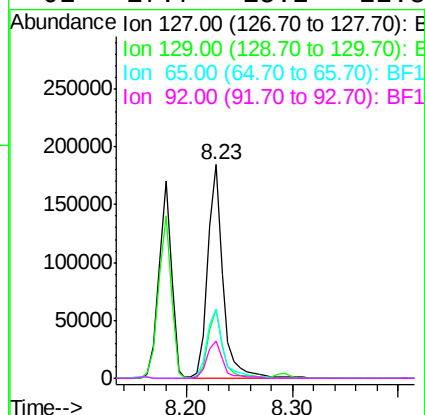
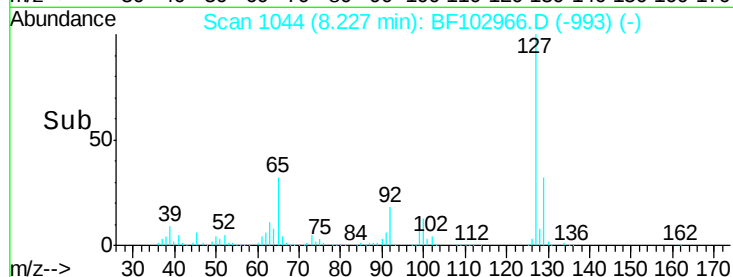
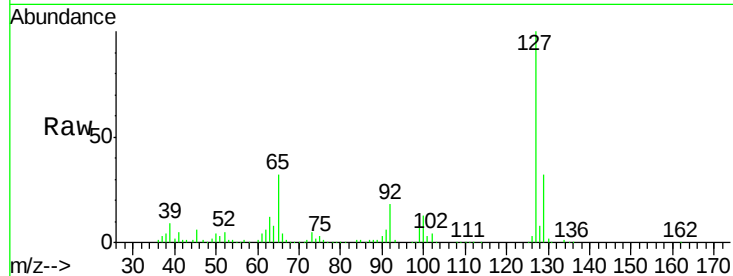
#33
4-Chloroaniline
Concen: 13.785 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF102966.D
Acq: 13 Feb 2018 17:19

Instrument :
BNA_F
ClientSampleId :
SU-03-021218MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.4		25.9	38.9	
65	32.3		25.0	37.4	
92	17.7		15.2	22.8	

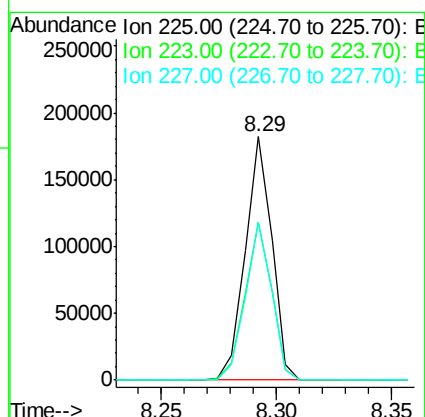
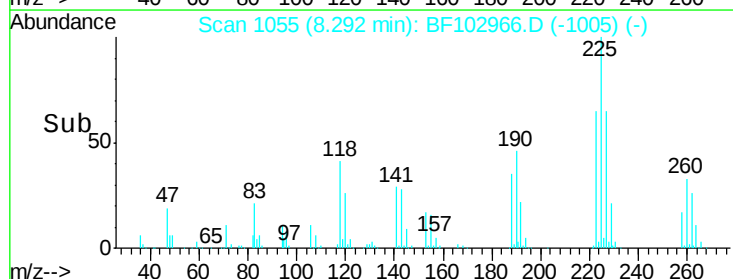
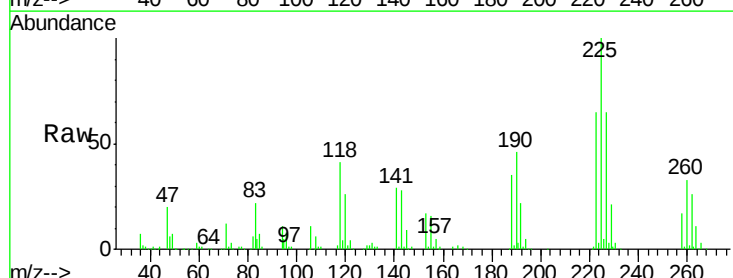
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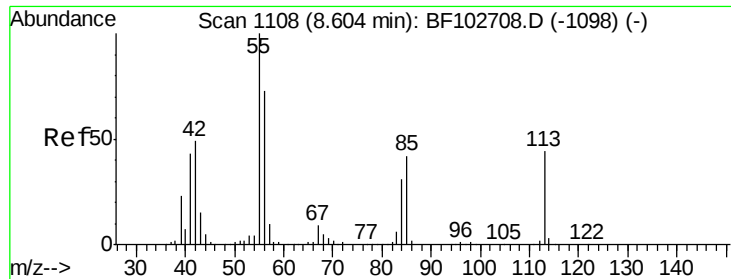
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#34
Hexachlorobutadiene
Concen: 31.243 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF102966.D
Acq: 13 Feb 2018 17:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.8		50.6	76.0	
227	64.9		51.9	77.9	





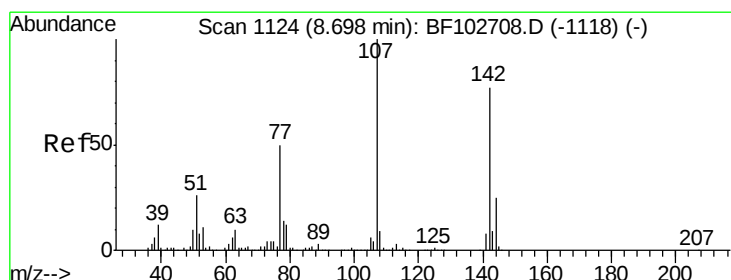
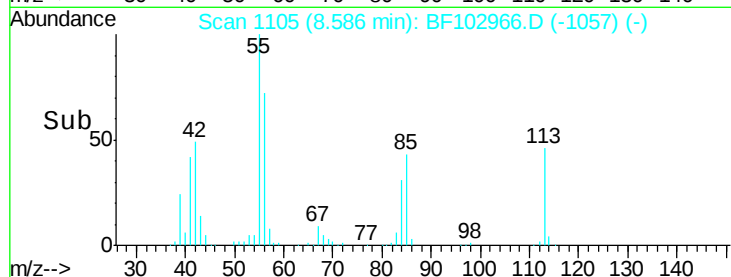
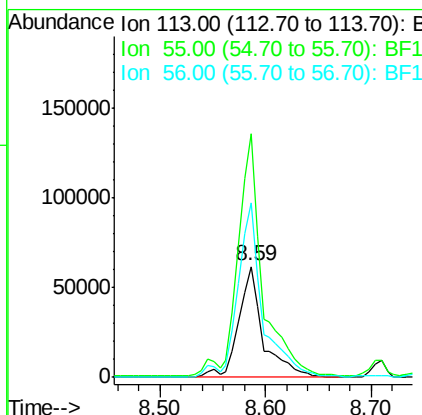
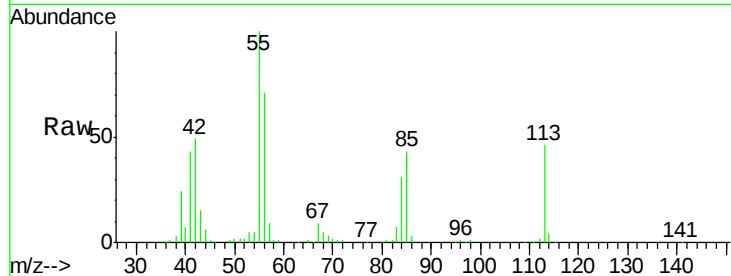
#35
 Caprolactam
 Concen: 34.630 ng
 RT: 8.59 min Scan# 1105
 Delta R.T. -0.02 min
 Lab File: BF102966.D
 Acq: 13 Feb 2018 17:19

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-021218MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	219.7	163.3	203.3#		
56	156.9	115.7	155.7#		

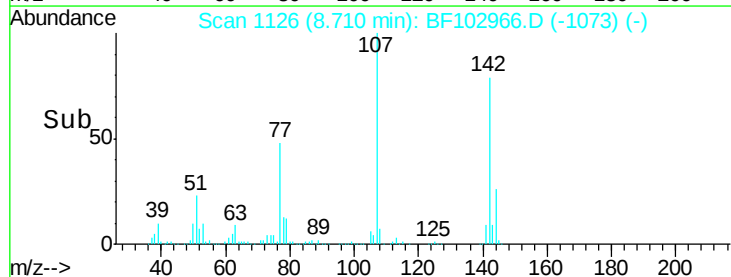
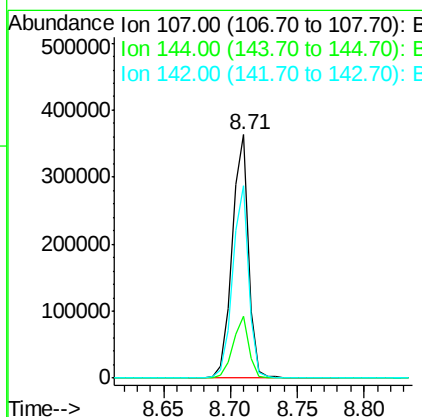
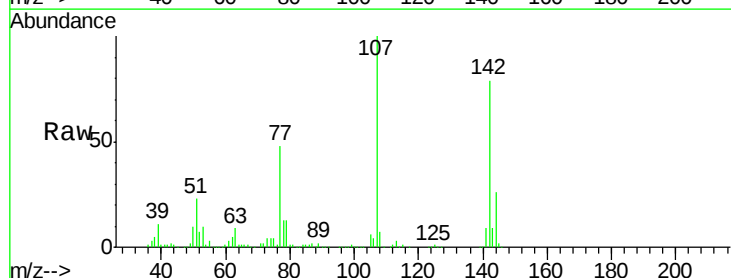
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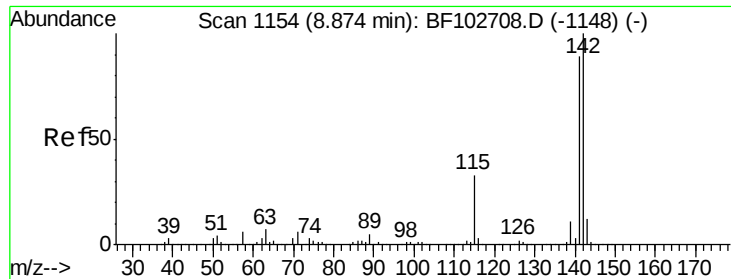
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#36
 4-Chloro-3-methylphenol
 Concen: 34.602 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. 0.01 min
 Lab File: BF102966.D
 Acq: 13 Feb 2018 17:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	25.5	20.5	30.7		
142	79.1	62.0	93.0		





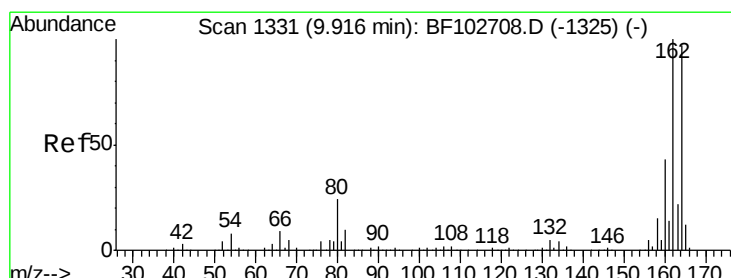
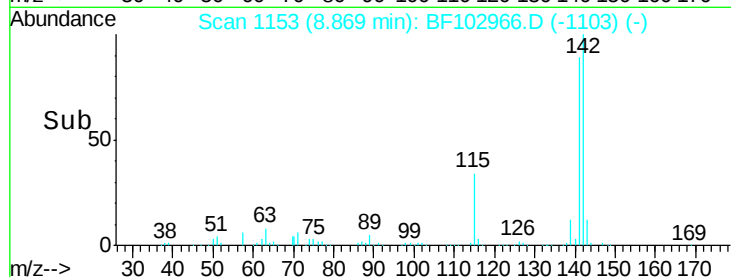
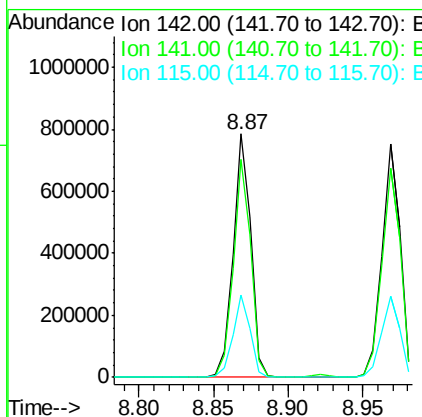
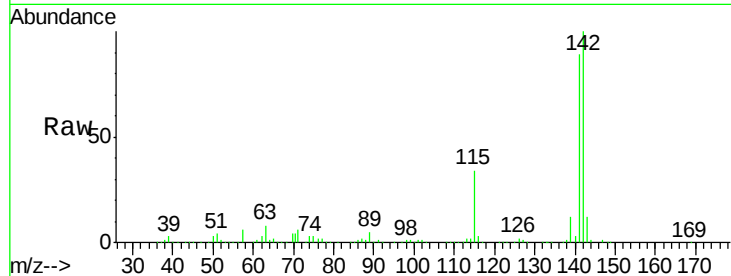
#37
2-Methylnaphthalene
Concen: 32.366 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF102966.D
Acq: 13 Feb 2018 17:19

Instrument :
BNA_F
ClientSampleId :
SU-03-021218MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.8	106.2
115	34.1	26.1	39.1

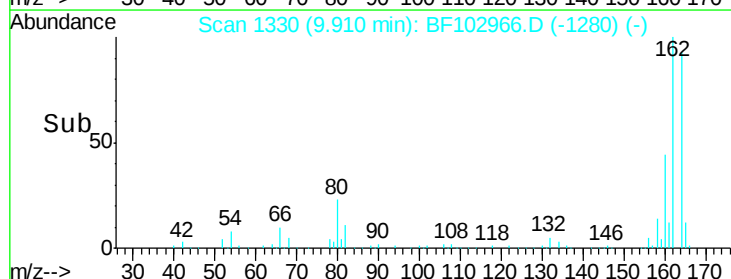
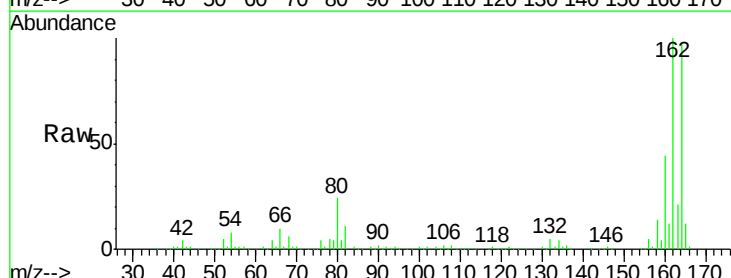
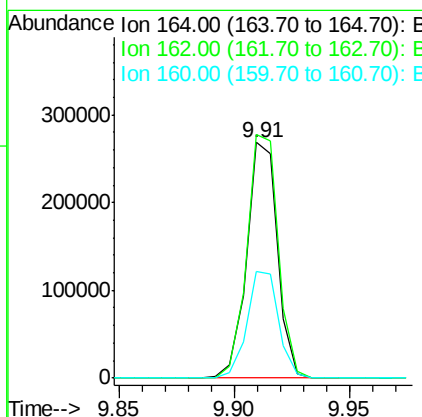
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF102966.D
Acq: 13 Feb 2018 17:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	86.1	129.1
160	45.0	38.3	57.5





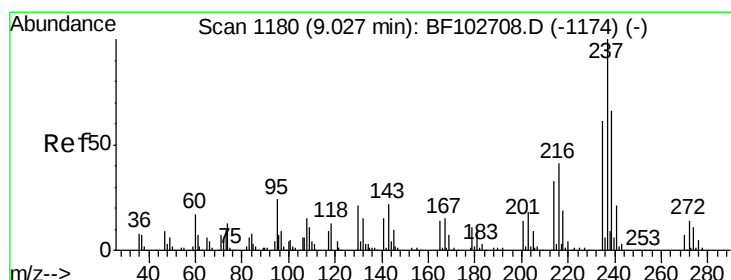
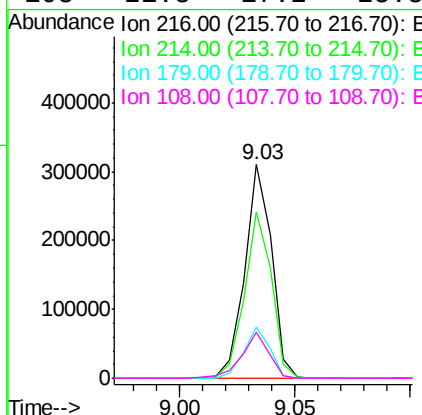
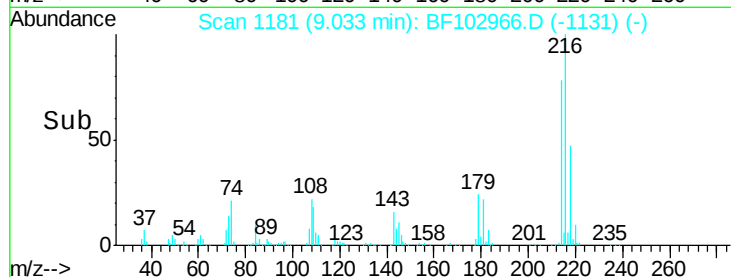
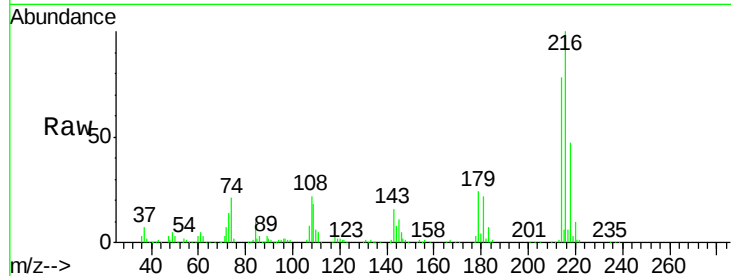
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.166 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF102966.D
 Acq: 13 Feb 2018 17:19

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-021218MS

Tot Ion	Ratio	Lower	Upper
216	100		
214	77.9	63.0	94.4
179	23.3	18.1	27.1
108	21.8	17.2	25.8

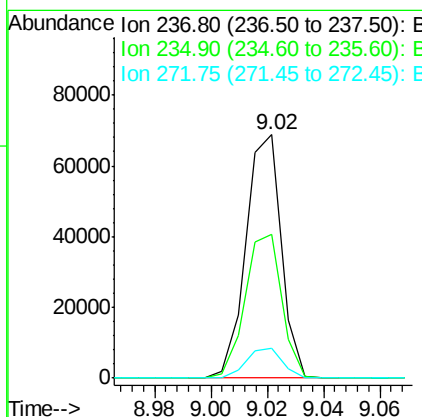
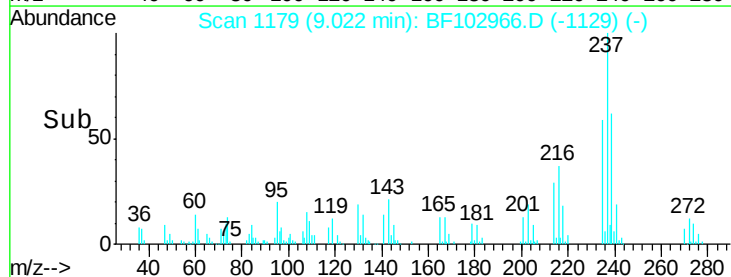
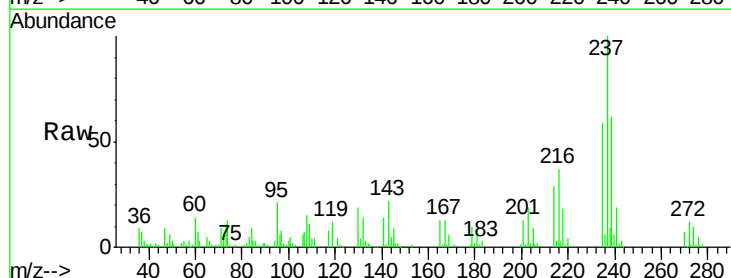
Manual Integrations
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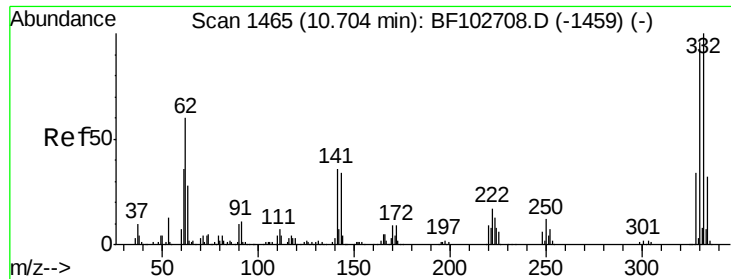
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#40
 Hexachlorocyclopentadiene
 Concen: 18.504 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF102966.D
 Acq: 13 Feb 2018 17:19

Tgt Ion	Ratio	Lower	Upper
237	100		
235	59.3	44.8	84.8
272	12.5	0.0	33.3





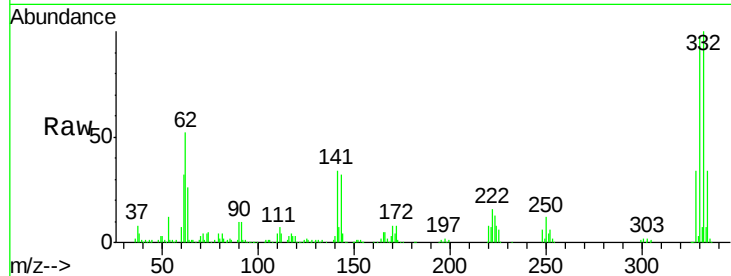
#41
 2,4,6-Tribromophenol
 Concen: 102.084 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: BF102966.D
 Acq: 13 Feb 2018 17:19

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-021218MS

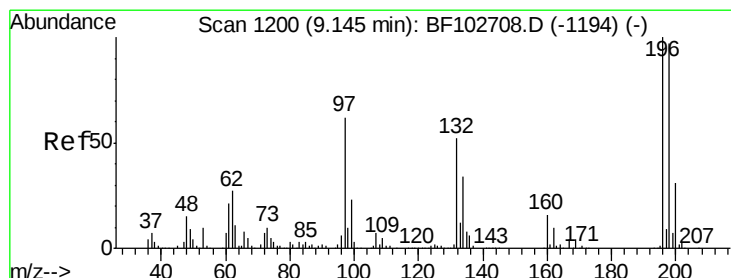
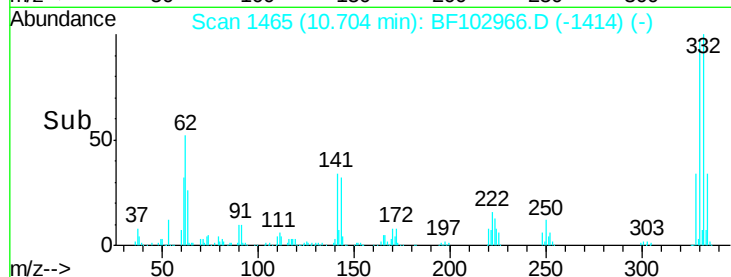
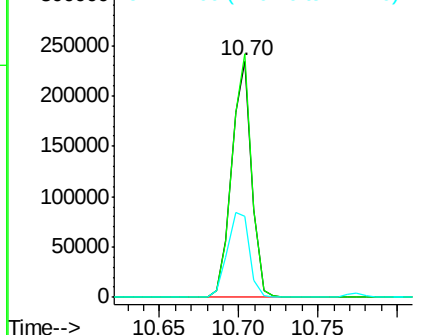
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	101.1	77.0	115.6	
141	40.3	29.9	44.9	

Manual Integrations
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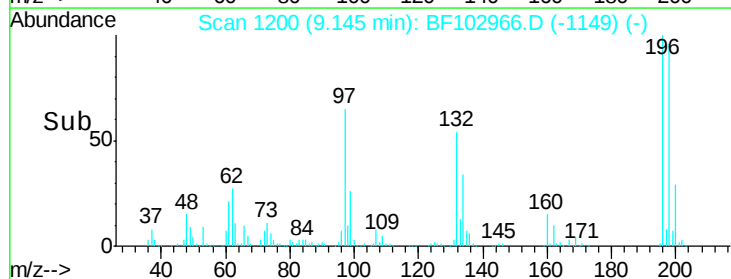
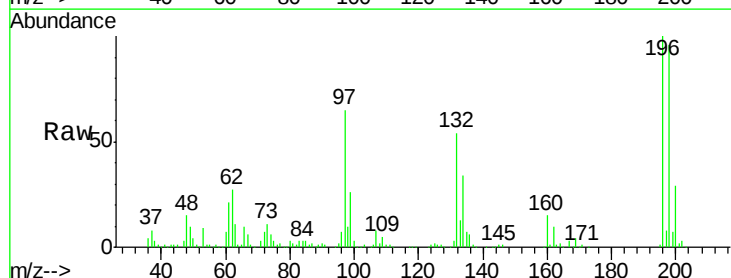
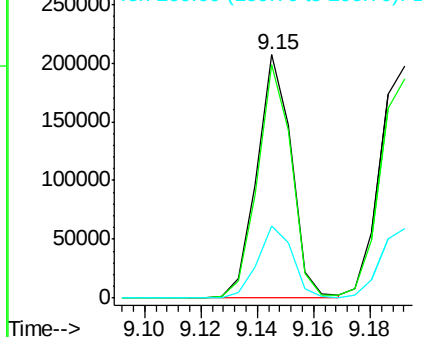
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

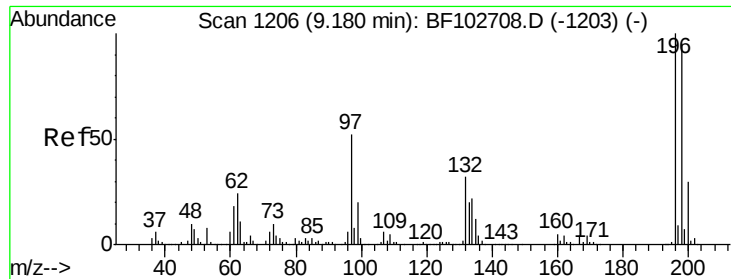


#42
 2,4,6-Trichlorophenol
 Concen: 39.240 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF102966.D
 Acq: 13 Feb 2018 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.6	75.7	113.5	
200	29.4	24.5	36.7	

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





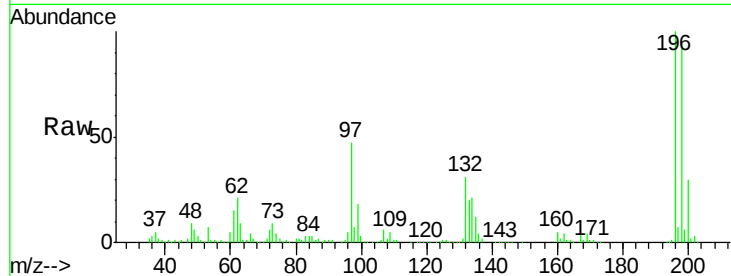
#43
 2,4,5-Trichlorophenol
 Concen: 35.937 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF102966.D
 Acq: 13 Feb 2018 17:19

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-021218MS

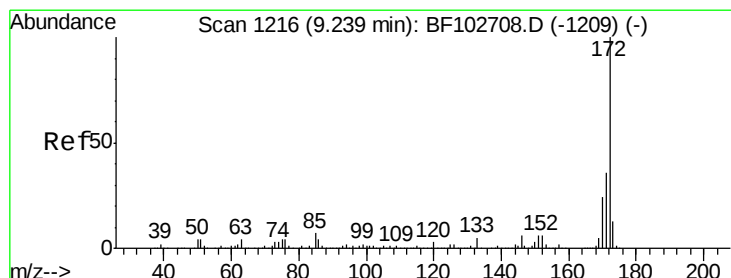
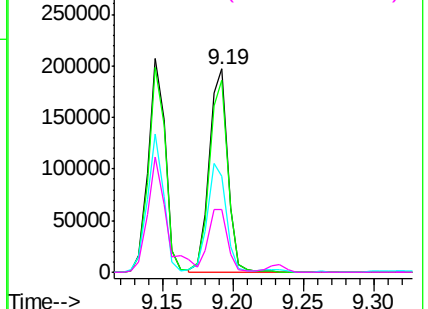
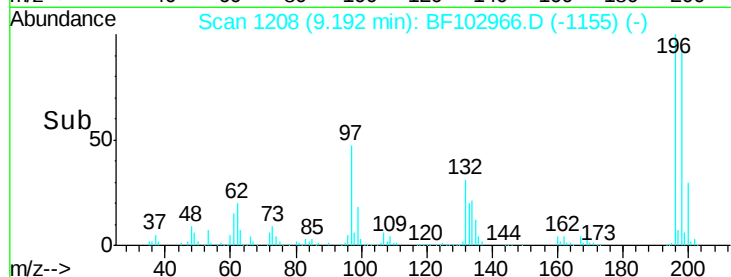
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		180606		
198	94.5	74.6	112.0		
97	47.0	42.9	64.3		
132	30.6	26.3	39.5		

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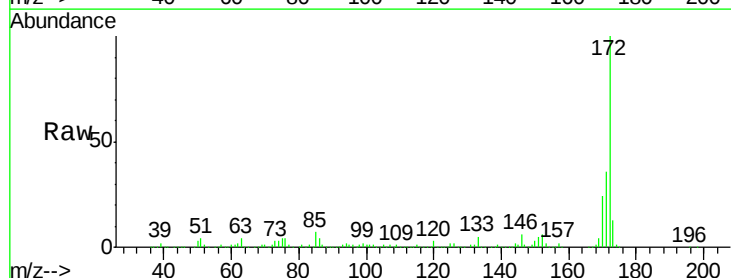


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

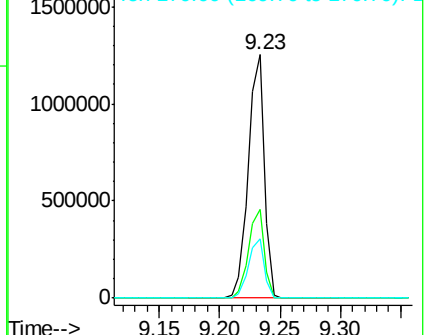
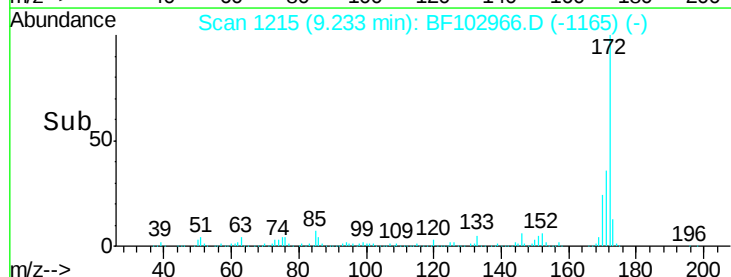


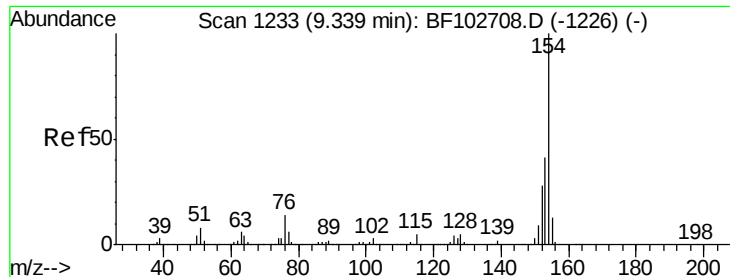
#44
 2-Fluorobiphenyl
 Concen: 77.702 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF102966.D
 Acq: 13 Feb 2018 17:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1167470		
171	36.2	29.7	44.5		
170	24.1	19.6	29.4		



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





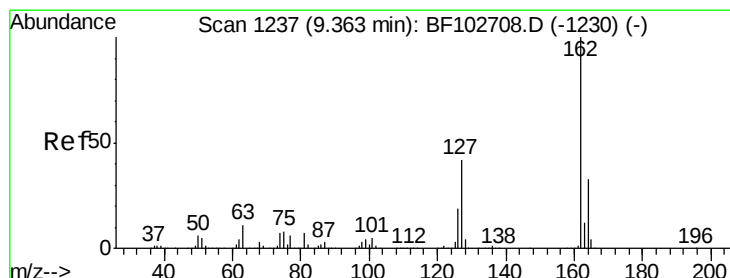
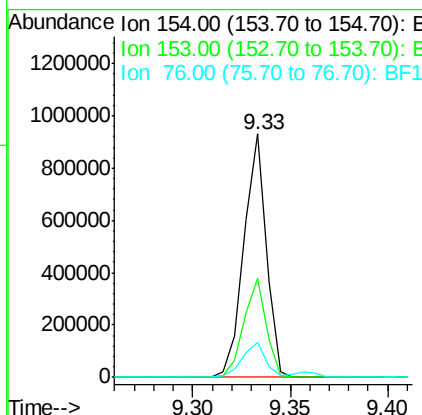
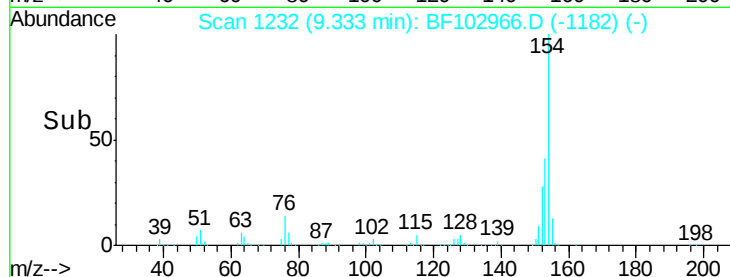
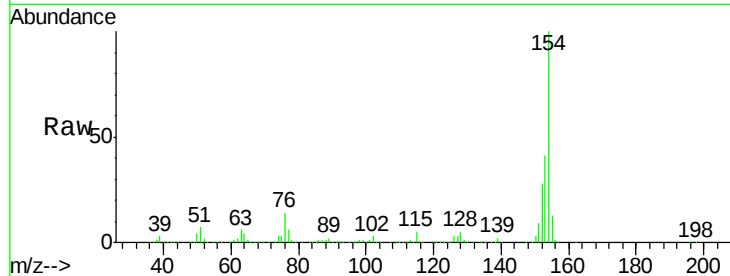
#45
 1,1'-Biphenyl
 Concen: 35.433 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF102966.D
 Acq: 13 Feb 2018 17:19

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-021218MS

Tot Ion:	154	Resp:	744063
Ion Ratio	Lower	Upper	
154	100		
153	40.5	21.3	61.3
76	14.4	0.0	34.0

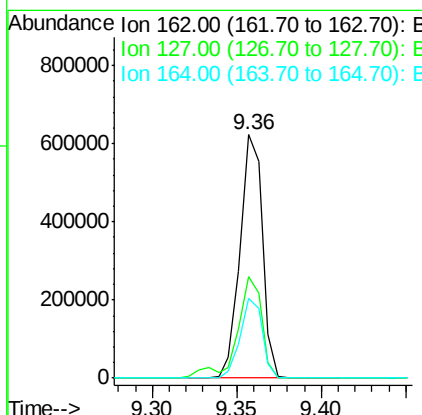
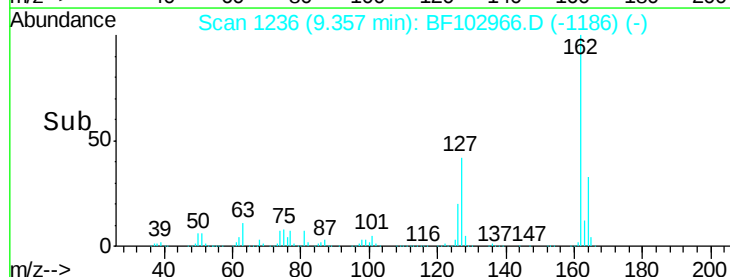
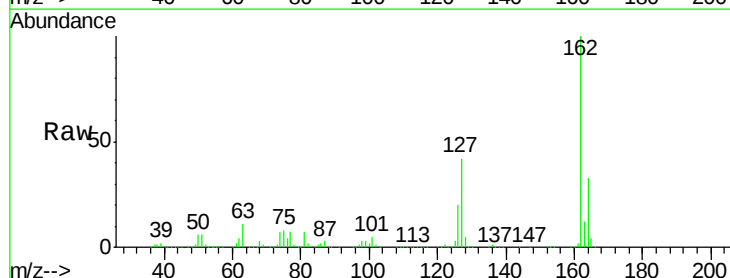
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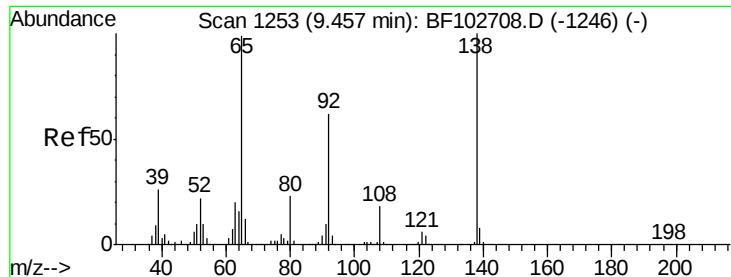
Sohil
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#46
 2-Chloronaphthalene
 Concen: 34.808 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. -0.01 min
 Lab File: BF102966.D
 Acq: 13 Feb 2018 17:19

Tgt Ion:	162	Resp:	575444
Ion Ratio	Lower	Upper	
162	100		
127	41.7	33.9	50.9
164	32.6	26.5	39.7





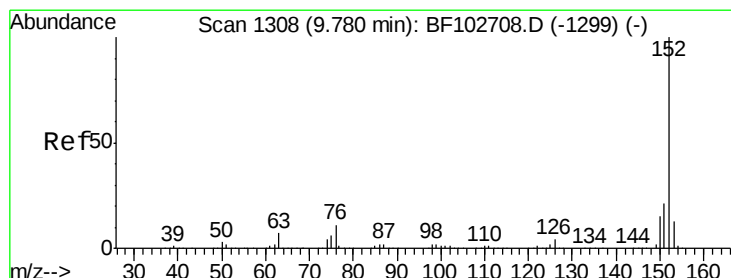
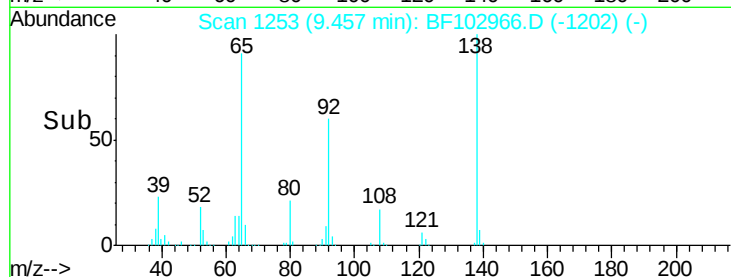
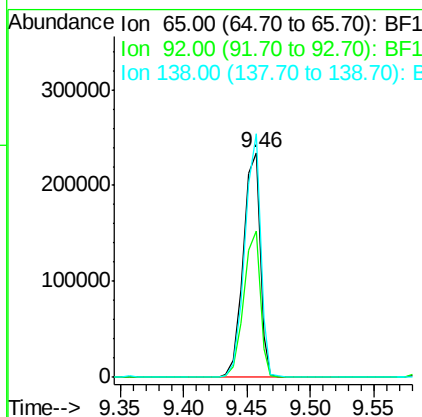
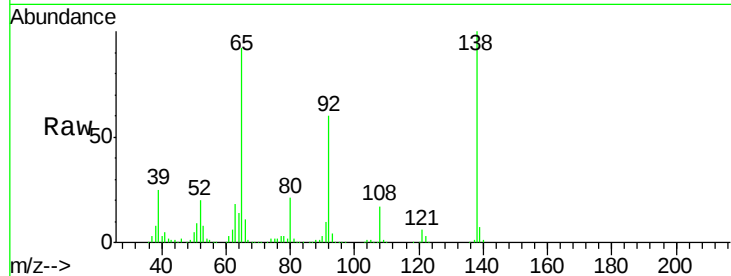
#47
2-Nitroaniline
Concen: 42.664 ng
RT: 9.46 min Scan# 1253
Delta R.T. 0.00 min
Lab File: BF102966.D
Acq: 13 Feb 2018 17:19

Instrument :
BNA_F
ClientSampleId :
SU-03-021218MS

Tot Ion	Ratio	Resp	Lower	Upper
65	100	215525		
92	65.1	55.8	83.6	
138	108.5	91.2	136.8	

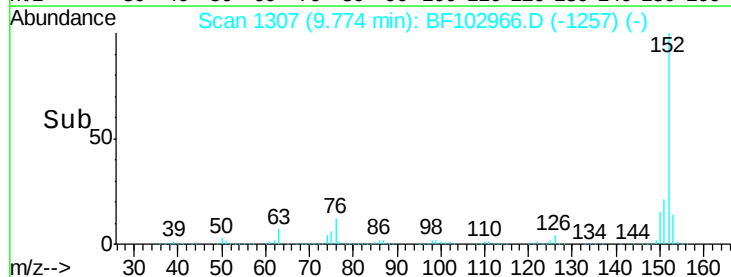
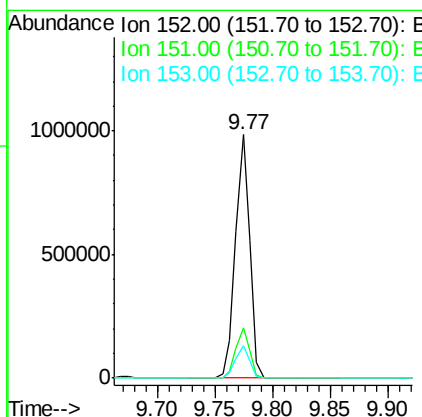
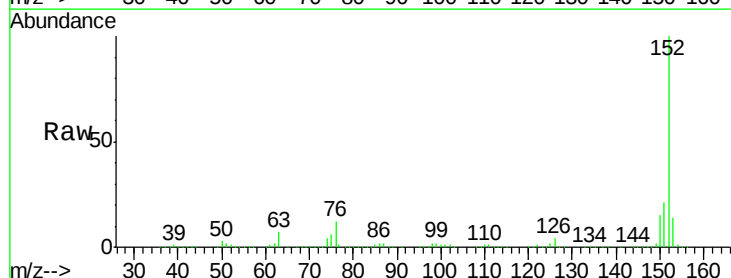
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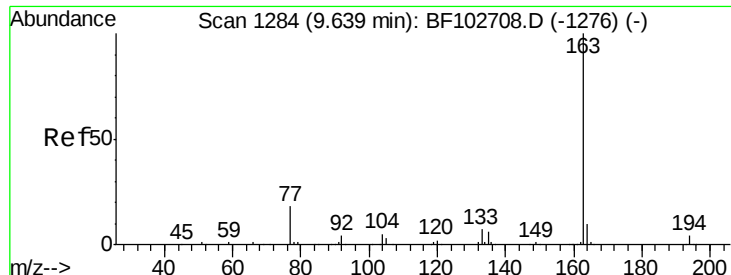
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#48
Acenaphthylene
Concen: 32.756 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF102966.D
Acq: 13 Feb 2018 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	841079		
151	20.8	16.3	24.5	
153	13.6	10.7	16.1	





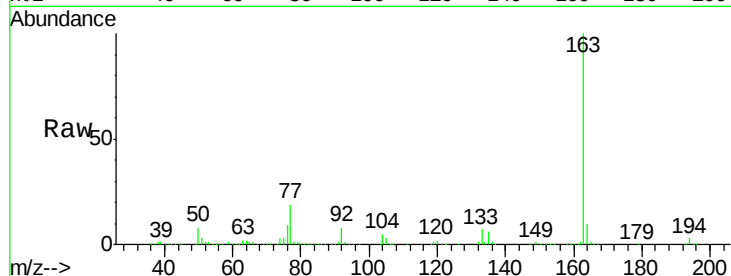
#49
Dimethylphthalate
Concen: 43.300 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF102966.D
Acq: 13 Feb 2018 17:19

Instrument :
BNA_F
ClientSampleId :
SU-03-021218MS

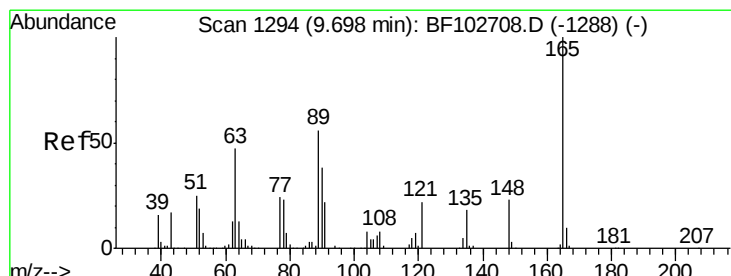
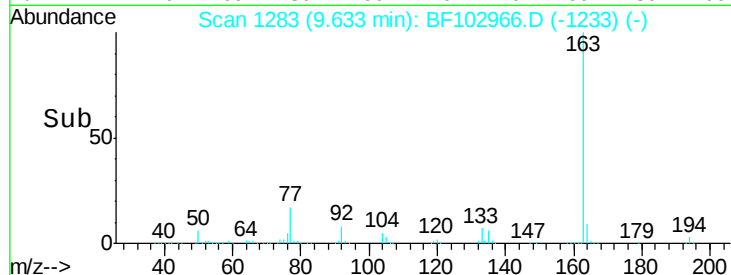
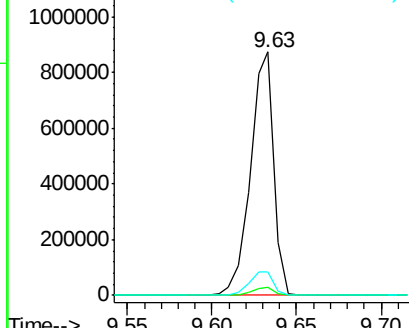
Tot Ion	Ratio	Resp	Lower	Upper
163	100	841743		
194	3.4	2.7	4.1	
164	9.7	8.2	12.2	

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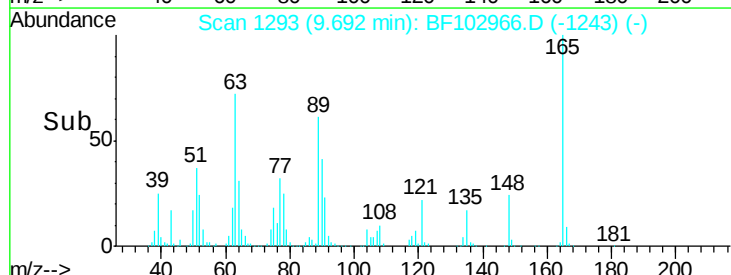
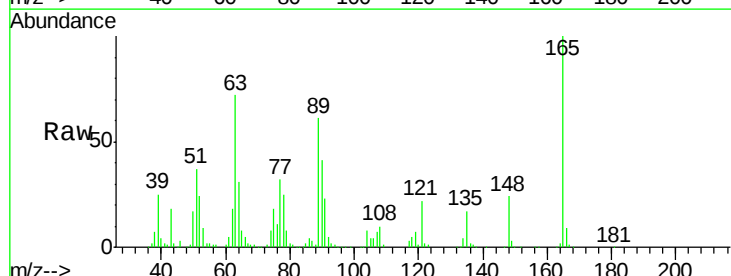
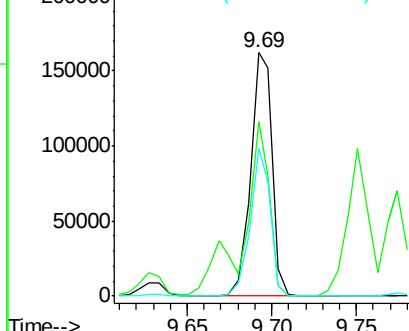
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

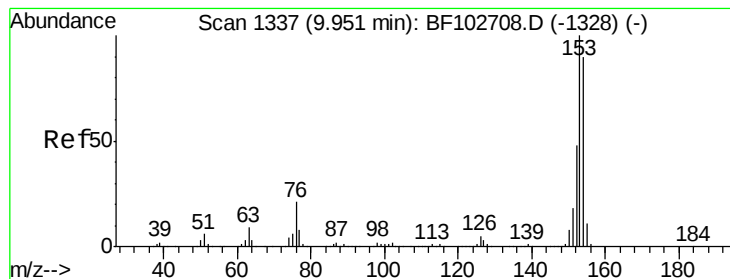


#50
2,6-Dinitrotoluene
Concen: 39.041 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF102966.D
Acq: 13 Feb 2018 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	144393		
63	71.8	44.7	67.1#	
89	60.8	44.0	66.0	

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 31.514 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BF102966.D

Acq: 13 Feb 2018 17:19

Instrument :

BNA_F

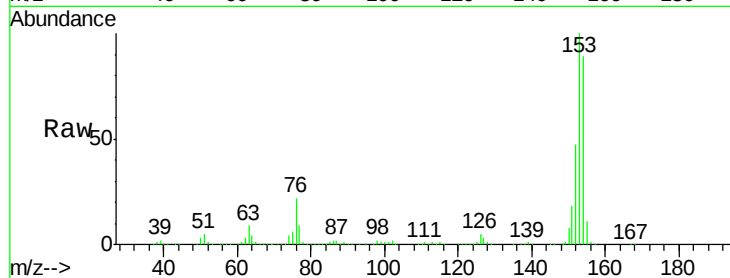
ClientSampleId :

SU-03-021218MS

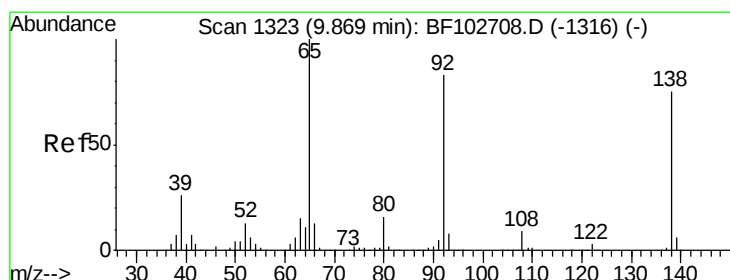
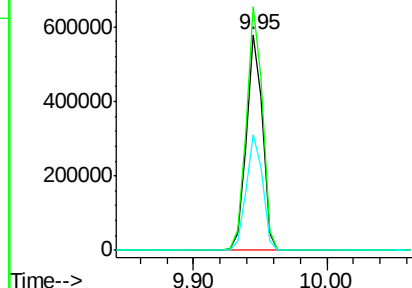
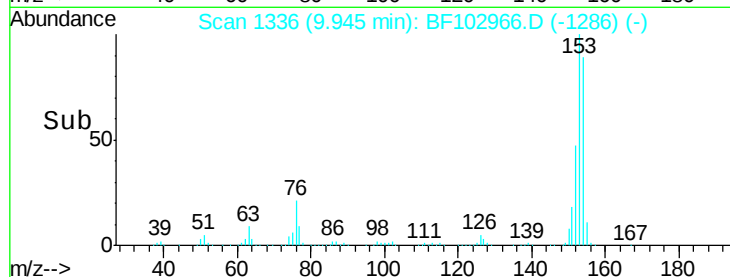
Tot Ion:	154	Resp:	483920
Ion Ratio	Lower	Upper	
154	100		
153	112.8	91.2	136.8
152	53.3	43.8	65.8

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 31.225 ng

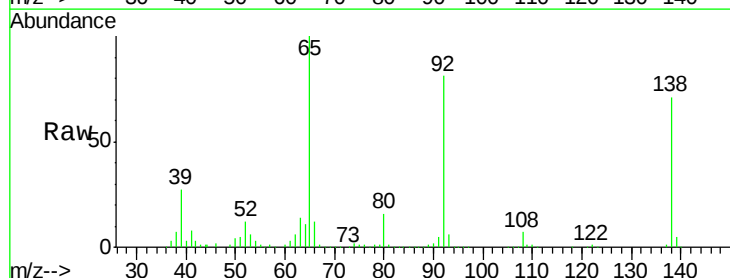
RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

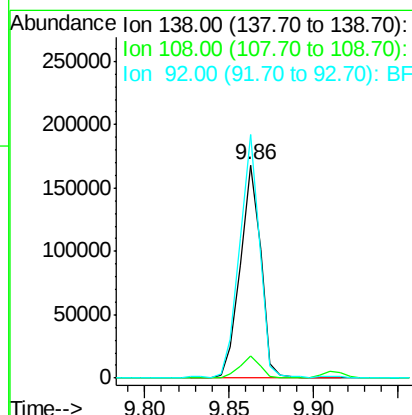
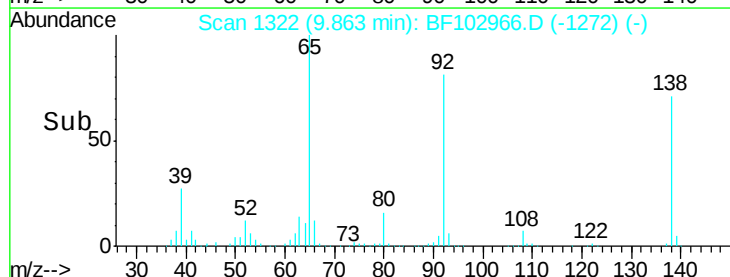
Lab File: BF102966.D

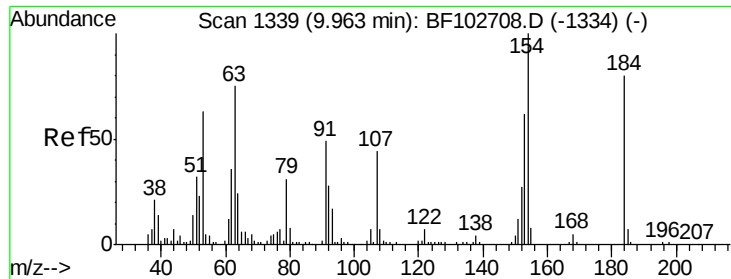
Acq: 13 Feb 2018 17:19

Tgt Ion:	138	Resp:	142096
Ion Ratio	Lower	Upper	
138	100		
108	10.4	9.4	14.0
92	114.1	89.4	134.2



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1





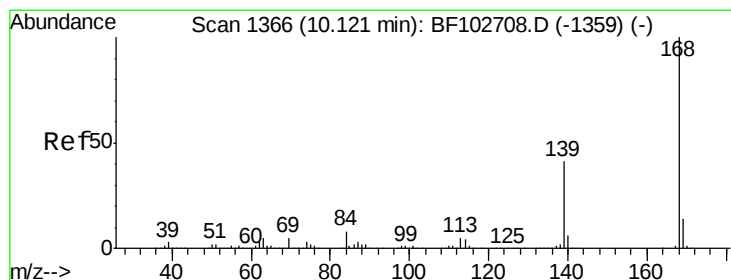
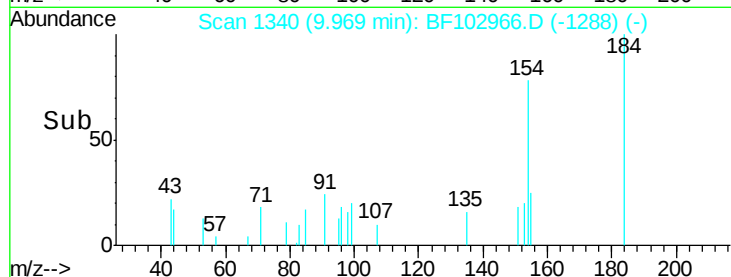
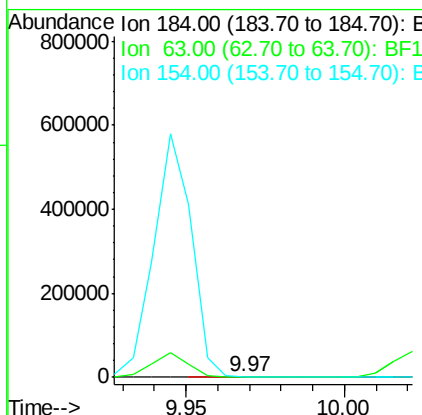
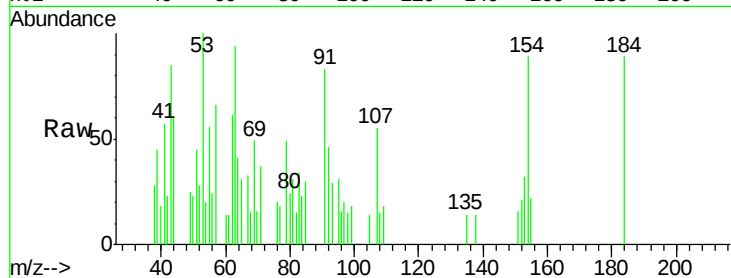
#53
2,4-Dinitrophenol
Concen: 11.146 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF102966.D
Acq: 13 Feb 2018 17:19

Instrument :
BNA_F
ClientSampleId :
SU-03-021218MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	105.0	54.2	81.2#
154	99.5	184.0	276.0#

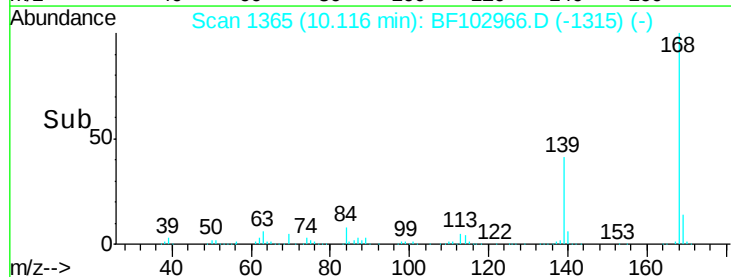
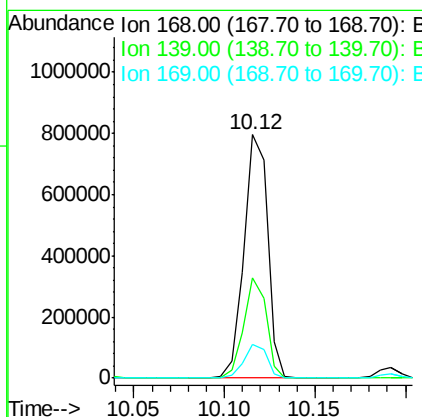
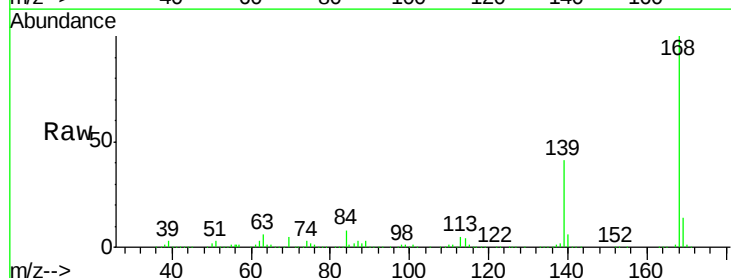
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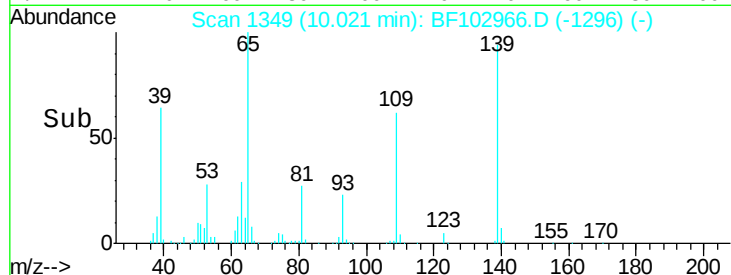
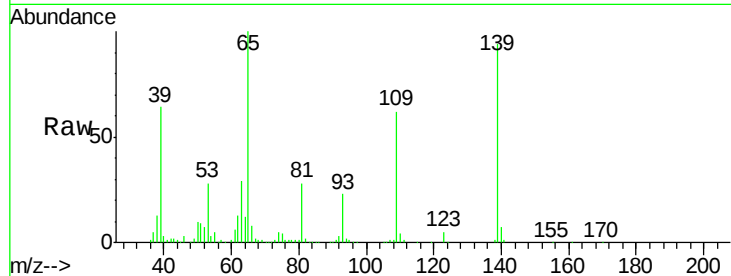
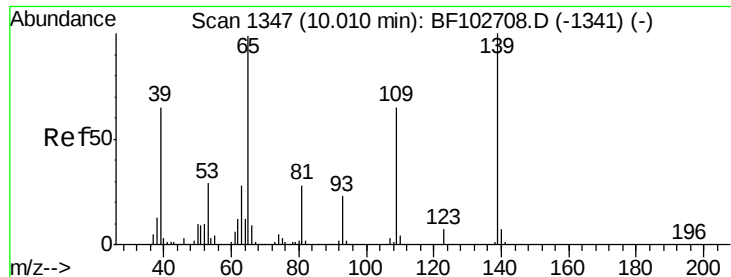
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#54
Dibenzofuran
Concen: 33.313 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF102966.D
Acq: 13 Feb 2018 17:19

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.1	30.1	45.1
169	13.6	10.9	16.3





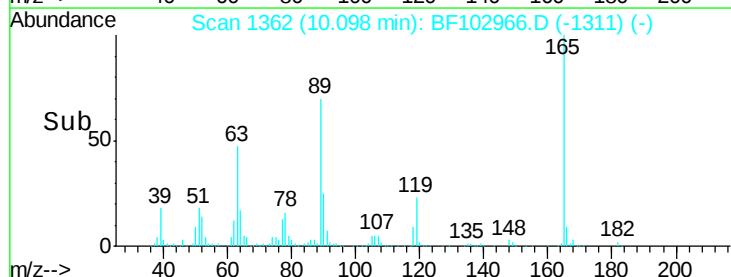
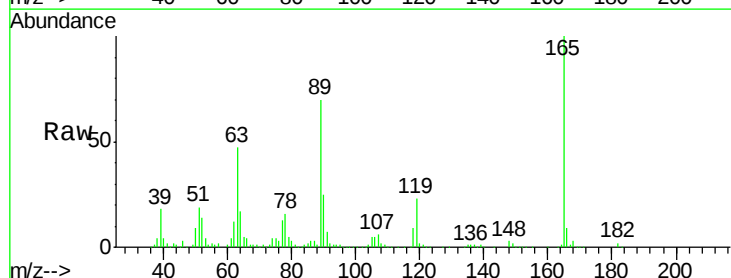
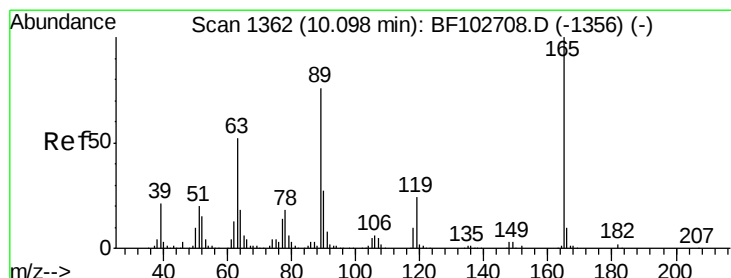
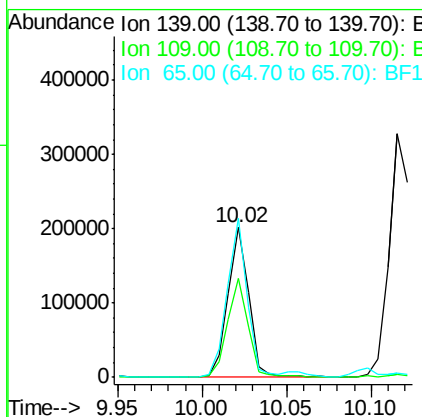
#55
4-Nitrophenol
Concen: 47.977 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF102966.D
Acq: 13 Feb 2018 17:19

Instrument :
BNA_F
ClientSampleId :
SU-03-021218MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	173081		
109	65.8	48.4	88.4	
65	106.4	72.6	112.6	

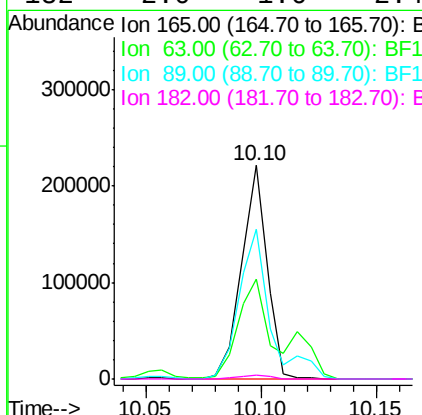
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#56
2,4-Dinitrotoluene
Concen: 35.581 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BF102966.D
Acq: 13 Feb 2018 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	172273		
63	46.7	36.4	54.6	
89	70.1	57.8	86.6	
182	2.0	1.6	2.4	





#57

Fluorene

Concen: 32.707 ng

RT: 10.46 min Scan# 1424

Delta R.T. 0.00 min

Lab File: BF102966.D

Acq: 13 Feb 2018 17:19

Instrument :

BNA_F

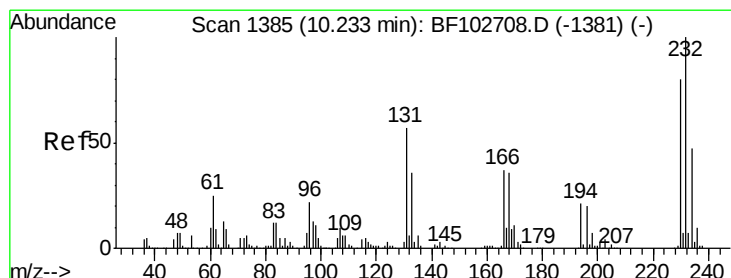
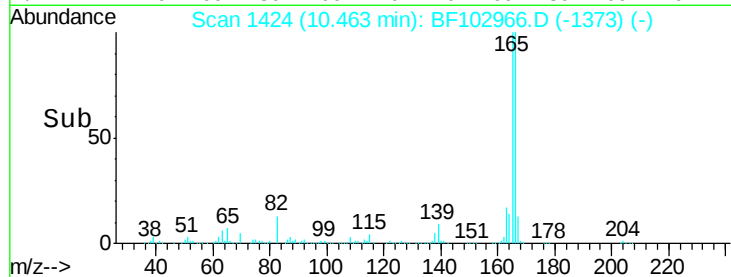
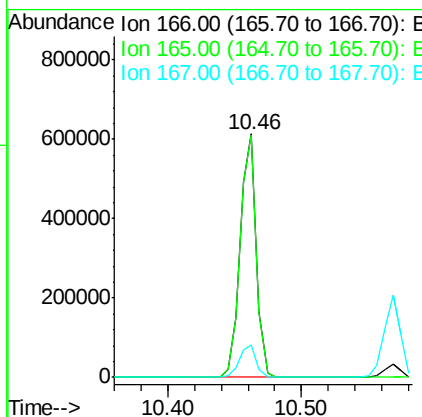
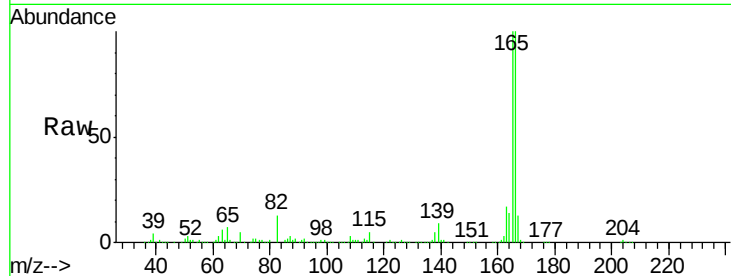
ClientSampleId :

SU-03-021218MS

Tot Ion:	166	Resp:	514974
Ion Ratio		Lower	Upper
166	100		
165	99.6	79.8	119.8
167	13.1	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 33.071 ng

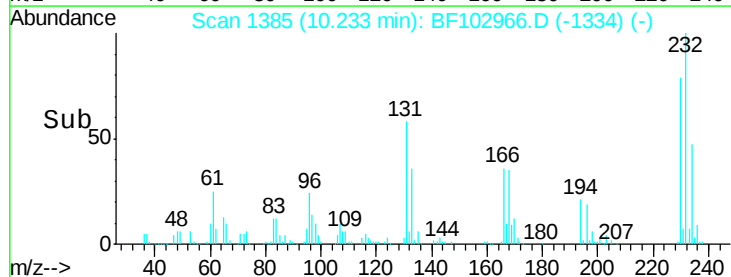
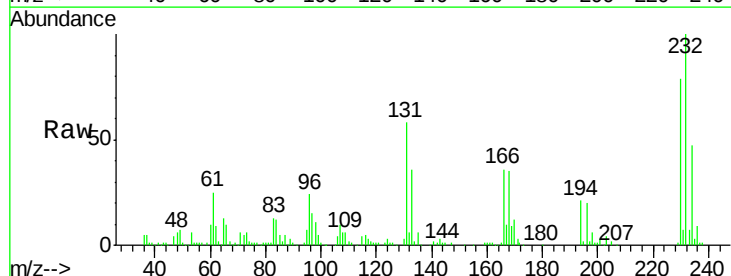
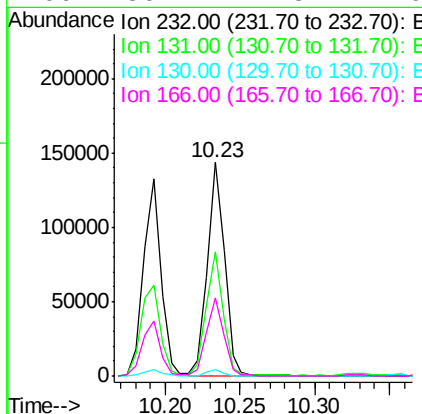
RT: 10.23 min Scan# 1385

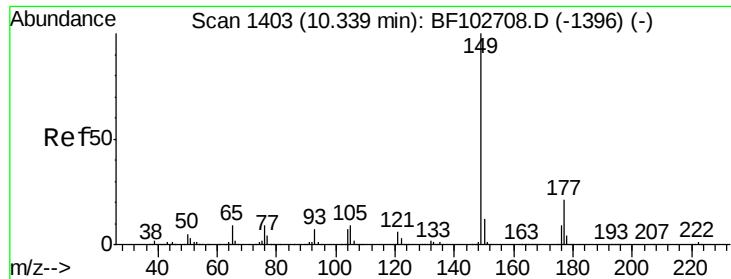
Delta R.T. 0.00 min

Lab File: BF102966.D

Acq: 13 Feb 2018 17:19

Tgt Ion:	232	Resp:	115190
Ion Ratio		Lower	Upper
232	100		
131	56.3	43.8	65.8
130	3.1	2.1	3.1
166	36.4	27.8	41.6





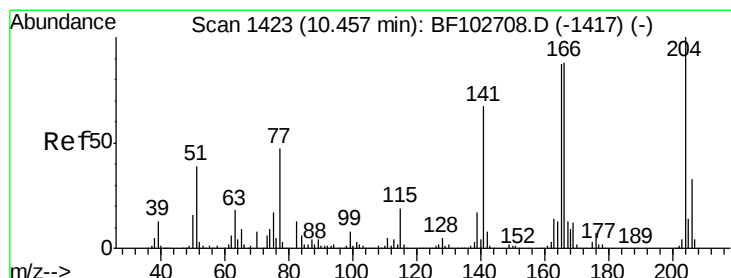
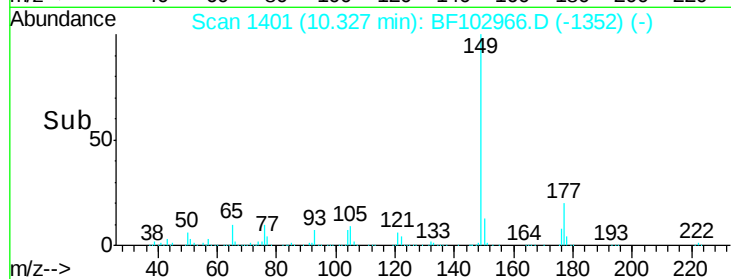
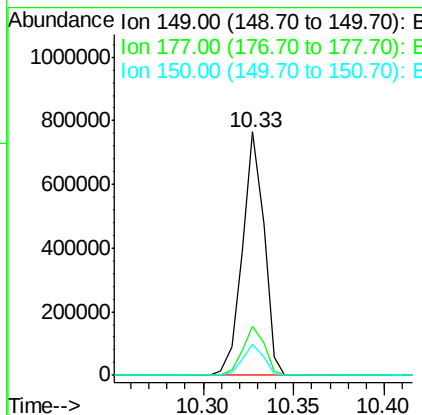
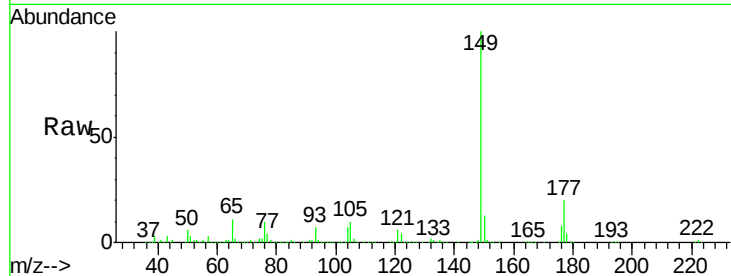
#59
Diethylphthalate
Concen: 32.958 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF102966.D
Acq: 13 Feb 2018 17:19

Instrument :
BNA_F
ClientSampleId :
SU-03-021218MS

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.3	16.1	24.1
150	12.8	10.1	15.1

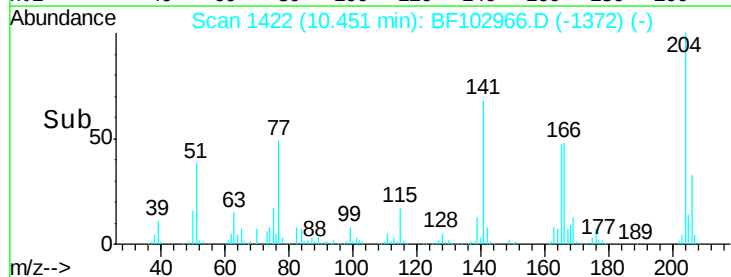
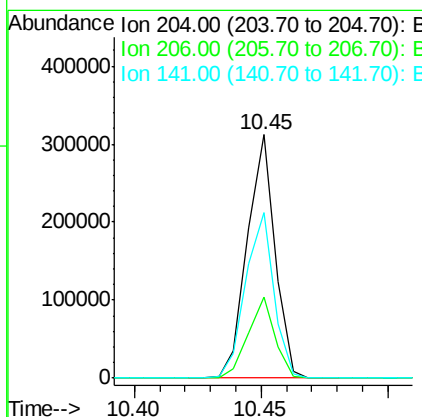
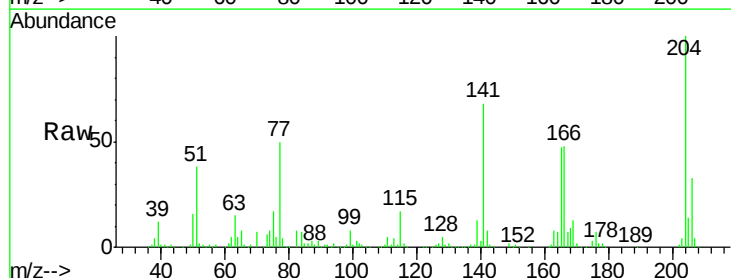
Manual Integrations
APPROVED

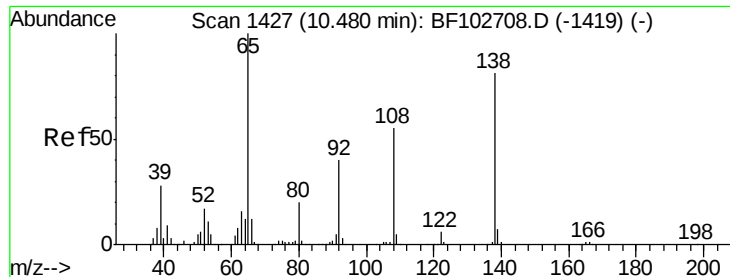
Sohil
2/14/2018 10:29:40 AM



#60
4-Chlorophenyl-phenylether
Concen: 34.178 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF102966.D
Acq: 13 Feb 2018 17:19

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.5	39.7
141	67.9	54.6	81.8





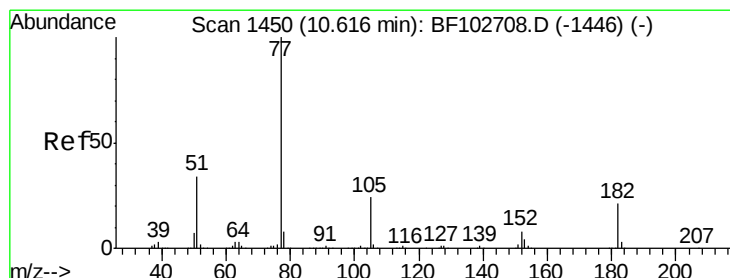
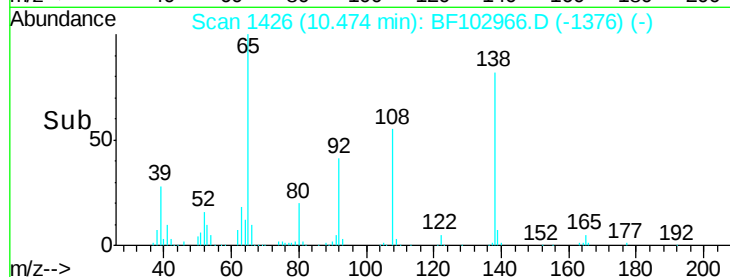
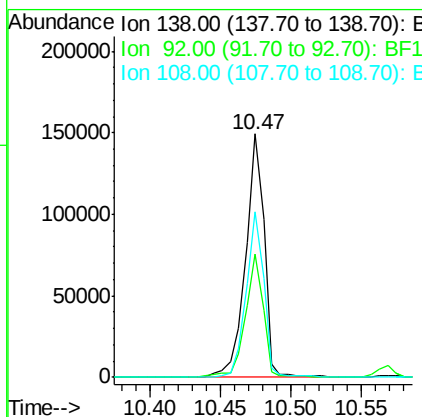
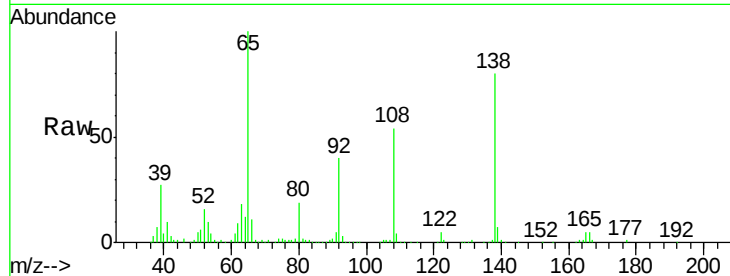
#61
4-Nitroaniline
Concen: 31.861 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF102966.D
Acq: 13 Feb 2018 17:19

Instrument :
BNA_F
ClientSampleId :
SU-03-021218MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.5	30.2	70.2
108	68.0	52.5	92.5

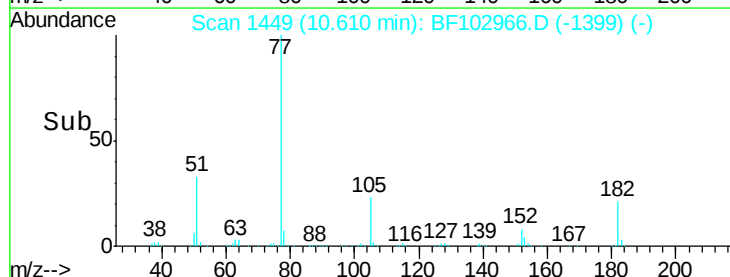
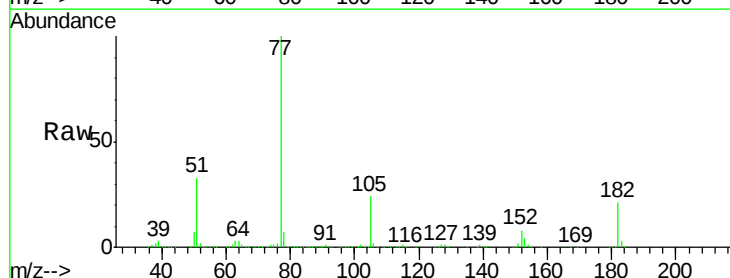
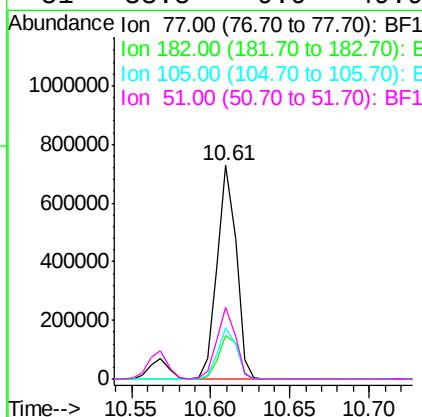
Manual Integrations
APPROVED

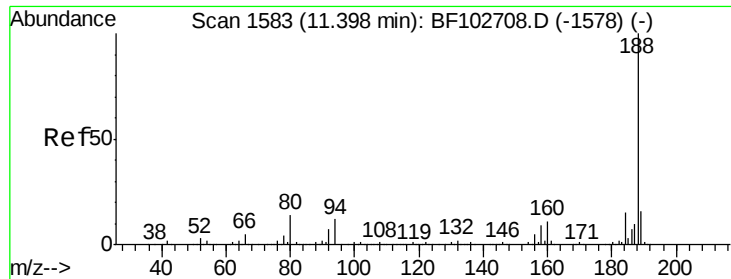
Sohil
2/14/2018 10:29:40 AM



#62
Azobenzene
Concen: 31.782 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BF102966.D
Acq: 13 Feb 2018 17:19

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.5	1.7	41.7
105	24.0	3.0	43.0
51	33.5	9.9	49.9





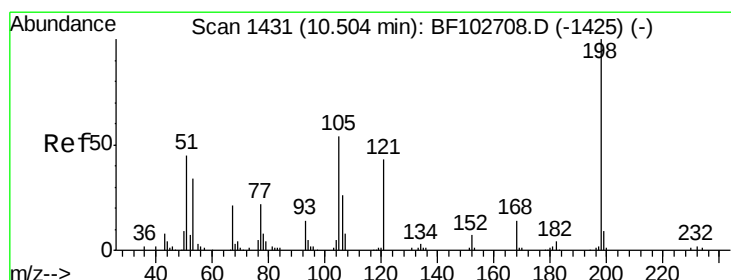
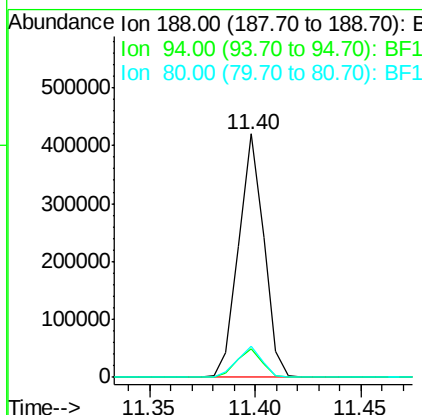
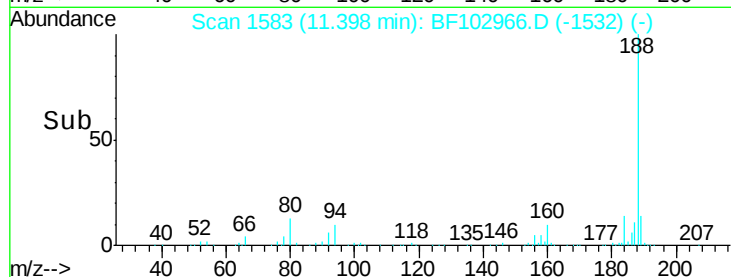
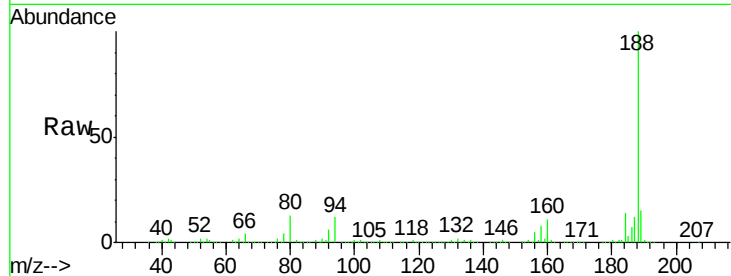
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF102966.D
Acq: 13 Feb 2018 17:19

Instrument :
BNA_F
ClientSampleId :
SU-03-021218MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	346698		
94	11.5		8.5	12.7
80	12.9		9.2	13.8

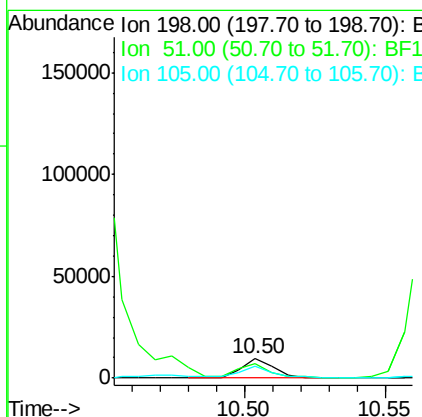
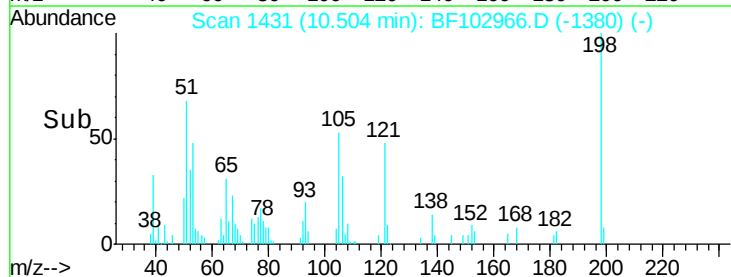
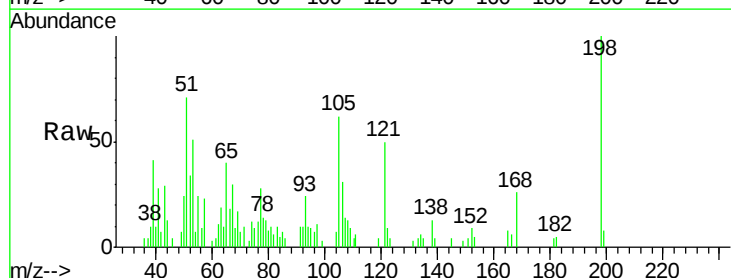
Manual Integrations
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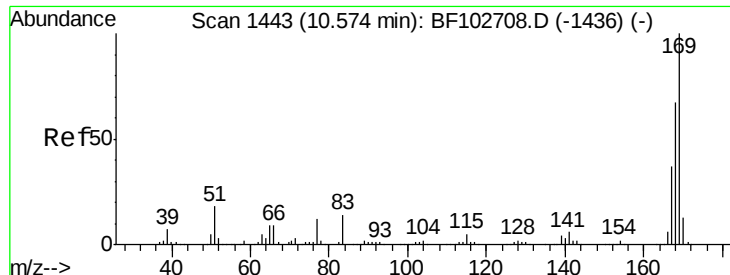
Sohil
2/14/2018 10:29:40 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 13.456 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BF102966.D
Acq: 13 Feb 2018 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	7374		
51	71.5		37.7	77.7
105	61.6		36.3	76.3





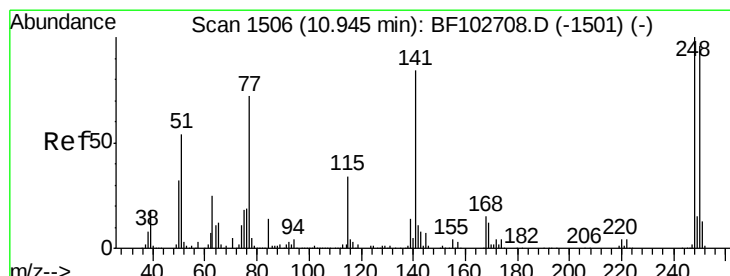
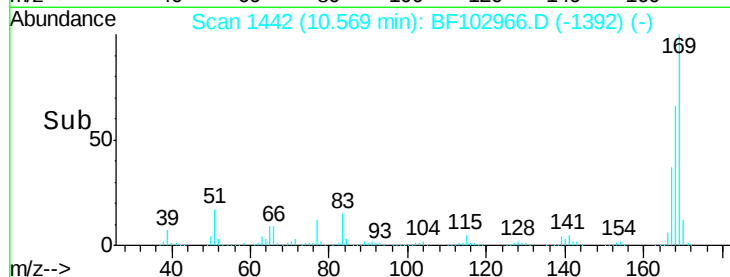
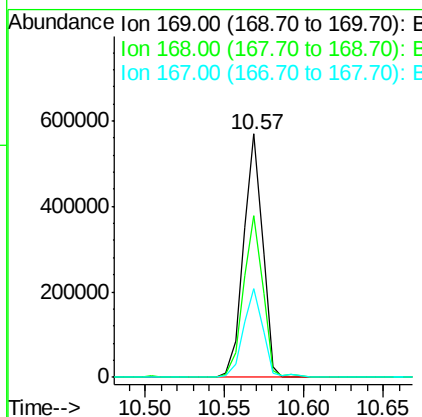
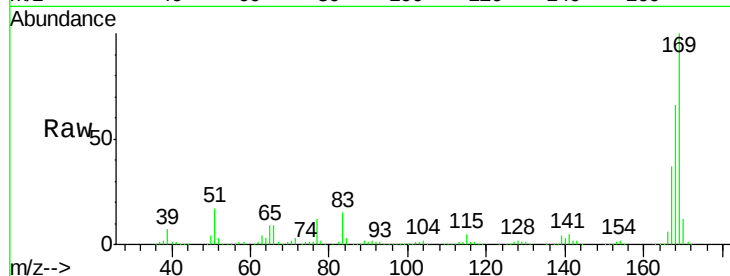
#65
n-Nitrosodiphenylamine
Concen: 38.704 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF102966.D
Acq: 13 Feb 2018 17:19

Instrument :
BNA_F
ClientSampleId :
SU-03-021218MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	473308		
168	66.3	54.4	81.6	
167	36.6	29.8	44.6	

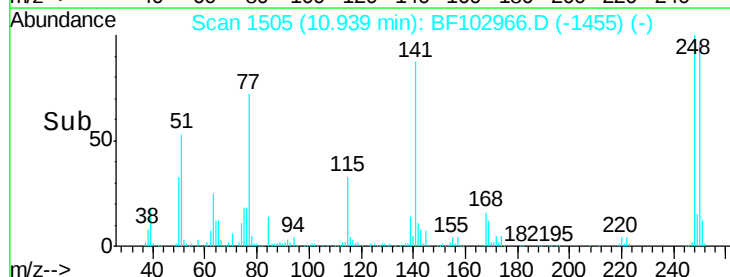
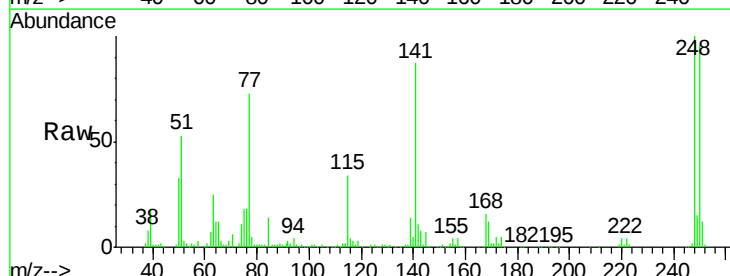
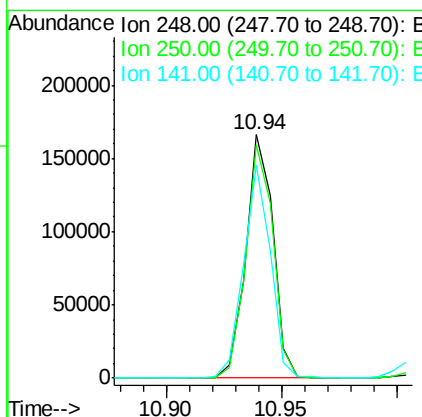
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#66
4-Bromophenyl-phenylether
Concen: 37.414 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.01 min
Lab File: BF102966.D
Acq: 13 Feb 2018 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	137212		
250	95.8	76.9	115.3	
141	87.2	74.4	111.6	





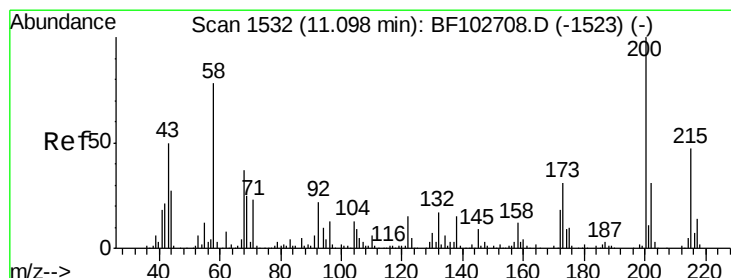
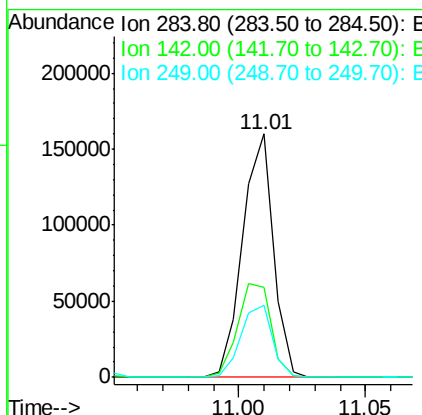
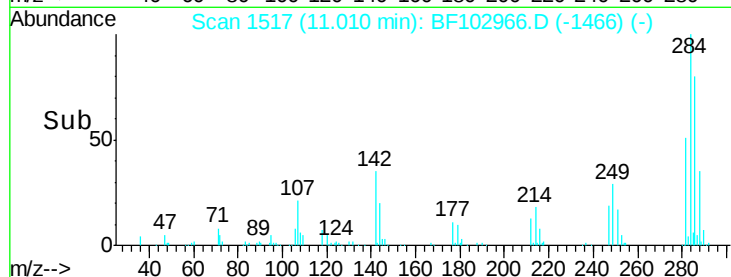
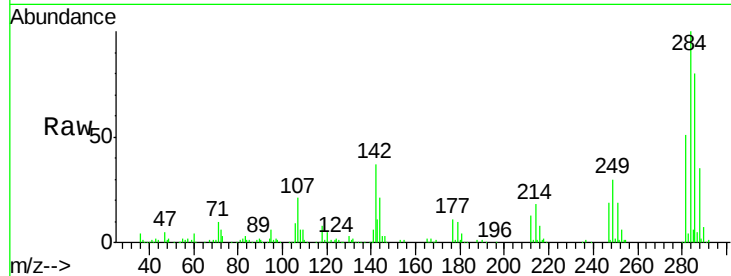
#67
Hexachlorobenzene
Concen: 33.487 ng
RT: 11.01 min Scan# 1517
Delta R.T. 0.00 min
Lab File: BF102966.D
Acq: 13 Feb 2018 17:19

Instrument :
BNA_F
ClientSampleId :
SU-03-021218MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	135484		
142	37.0		34.6	52.0
249	29.8		24.8	37.2

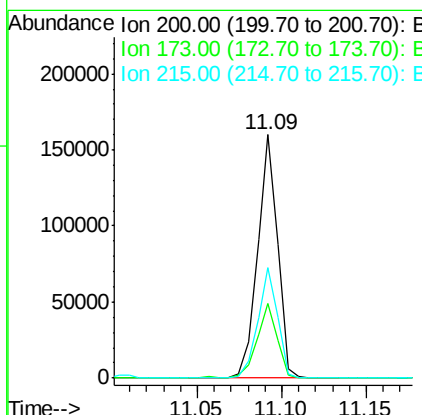
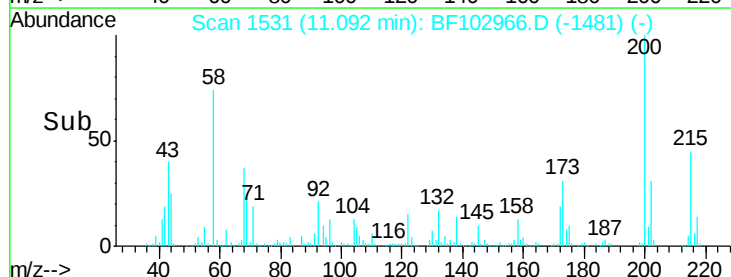
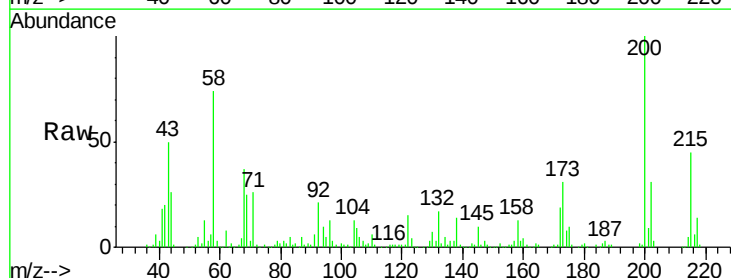
Manual Integrations
APPROVED

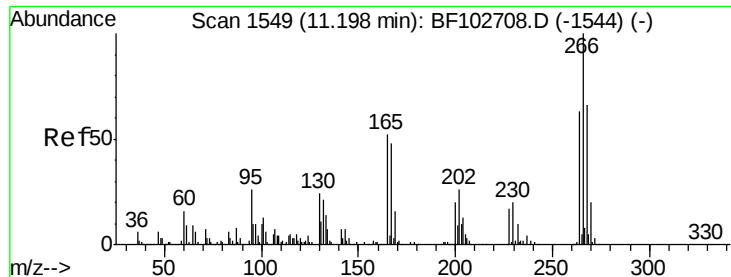
Sohil
2/14/2018 10:29:40 AM



#68
Atrazine
Concen: 36.605 ng
RT: 11.09 min Scan# 1531
Delta R.T. -0.01 min
Lab File: BF102966.D
Acq: 13 Feb 2018 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	132061		
173	30.8		8.6	48.6
215	45.4		25.1	65.1





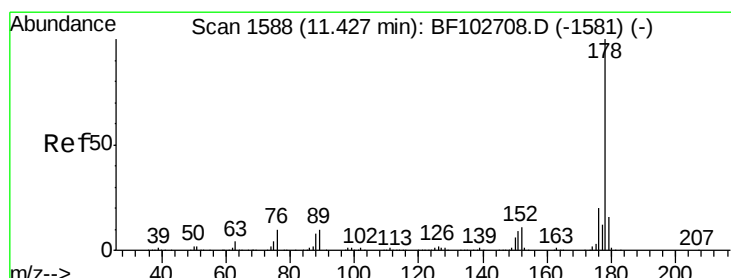
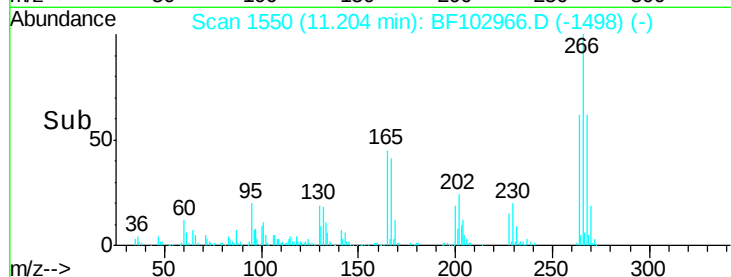
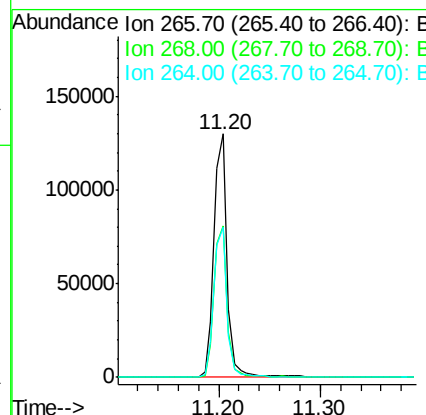
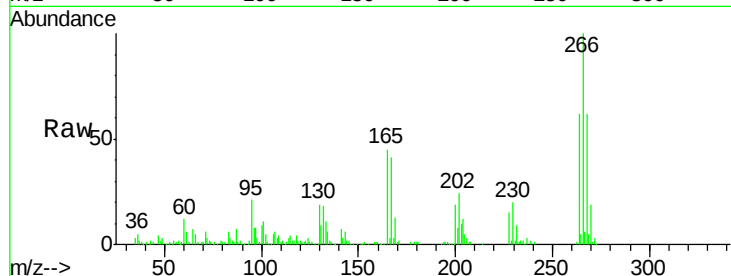
#69
 Pentachlorophenol
 Concen: 49.628 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. 0.01 min
 Lab File: BF102966.D
 Acq: 13 Feb 2018 17:19

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-021218MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	117865		
268	62.4	51.1	76.7	
264	61.6	49.5	74.3	

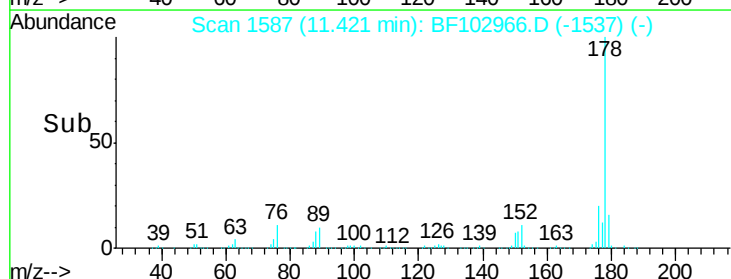
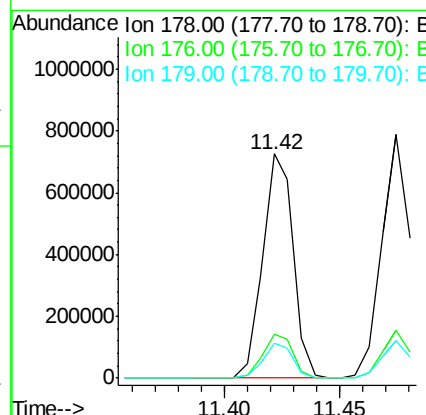
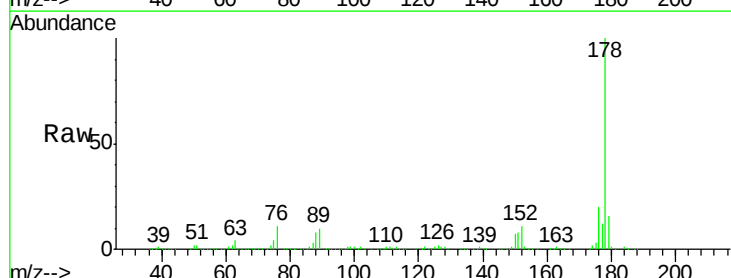
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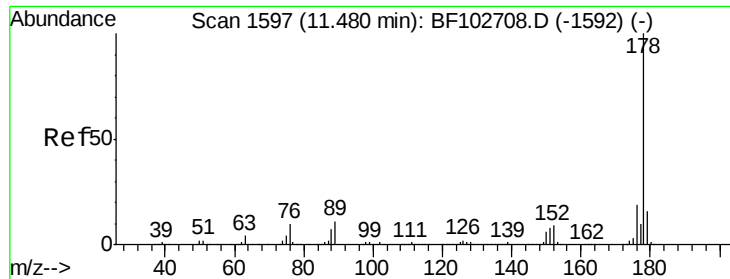
Sohil
 2/14/2018 10:29:40 AM



#70
 Phenanthrene
 Concen: 34.456 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BF102966.D
 Acq: 13 Feb 2018 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	665298		
176	19.5	15.8	23.8	
179	15.7	13.0	19.6	





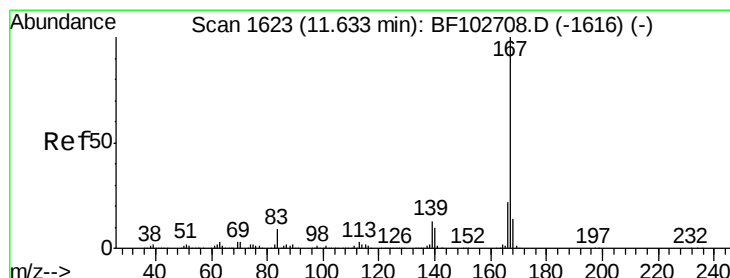
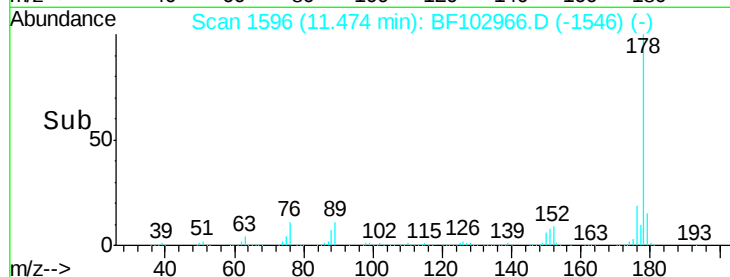
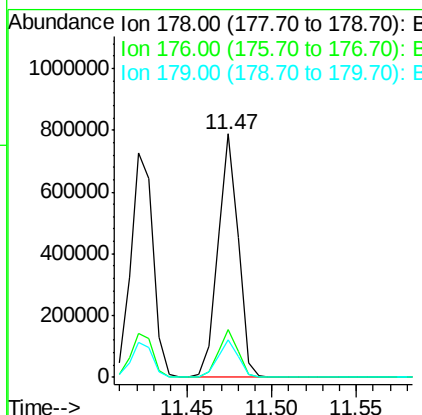
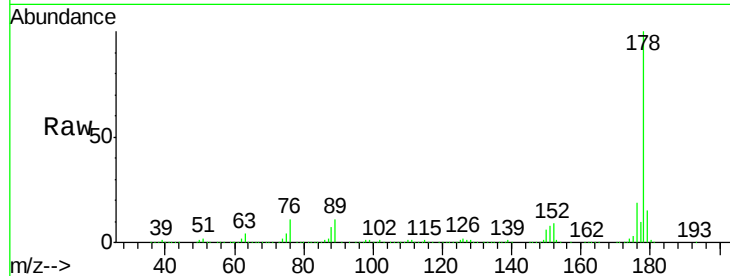
#71
 Anthracene
 Concen: 33.811 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF102966.D
 Acq: 13 Feb 2018 17:19

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-021218MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.3	12.6	19.0

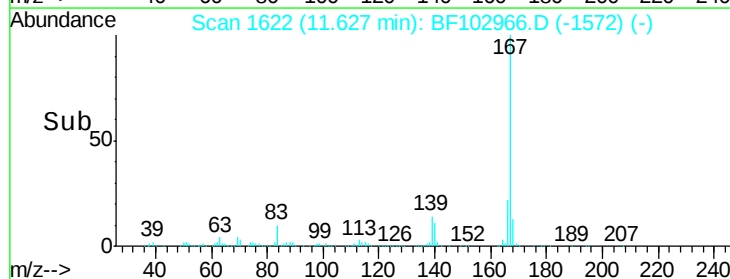
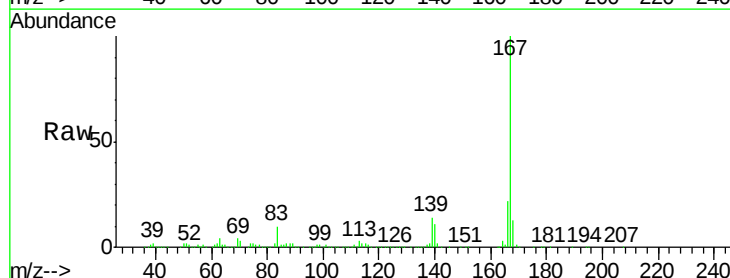
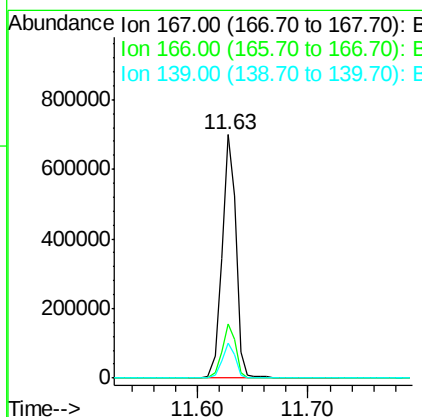
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#72
 Carbazole
 Concen: 32.045 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BF102966.D
 Acq: 13 Feb 2018 17:19

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.6	26.4
139	14.2	10.9	16.3





#73

Di-n-butylphthalate

Concen: 35.177 ng

RT: 11.95 min Scan# 1677

Delta R.T. -0.01 min

Lab File: BF102966.D

Acq: 13 Feb 2018 17:19

Instrument :

BNA_F

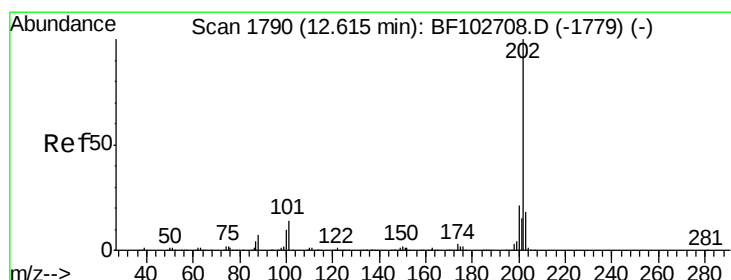
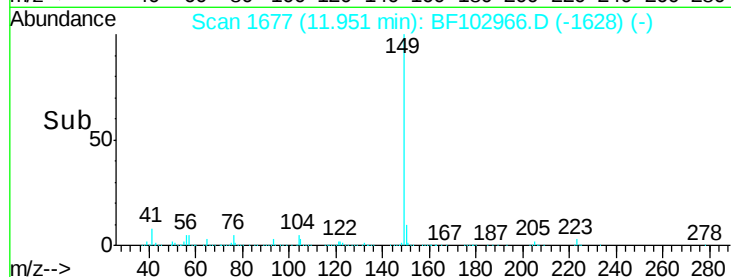
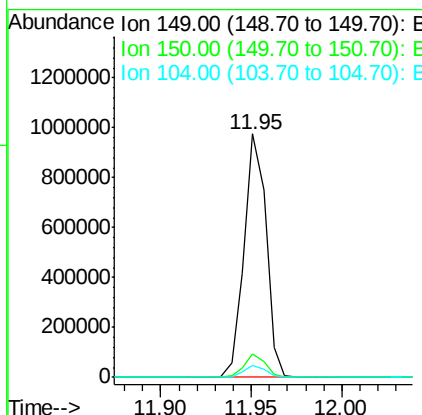
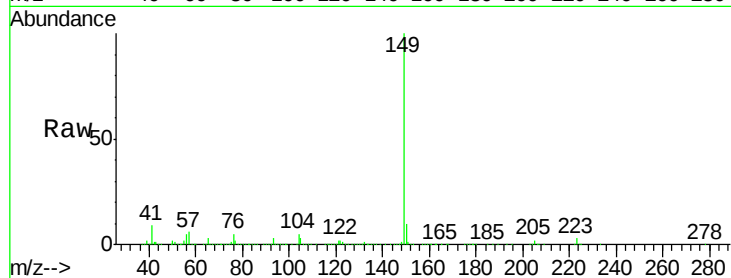
ClientSampleId :

SU-03-021218MS

Tot Ion:	149	Resp:	822146
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.8	11.6
104	4.9	3.8	5.8

Manual Integrations
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#74

Fluoranthene

Concen: 32.478 ng

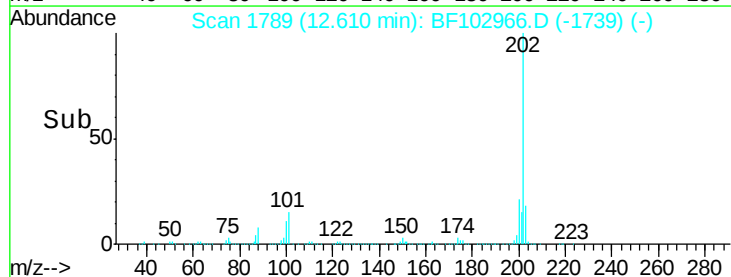
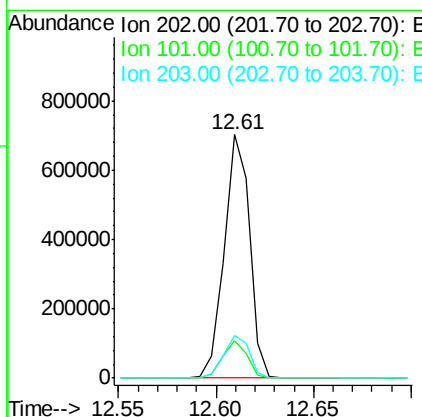
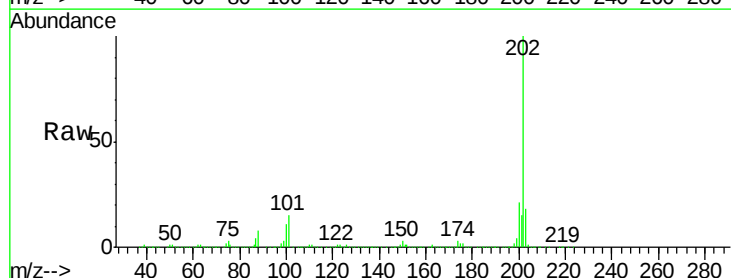
RT: 12.61 min Scan# 1789

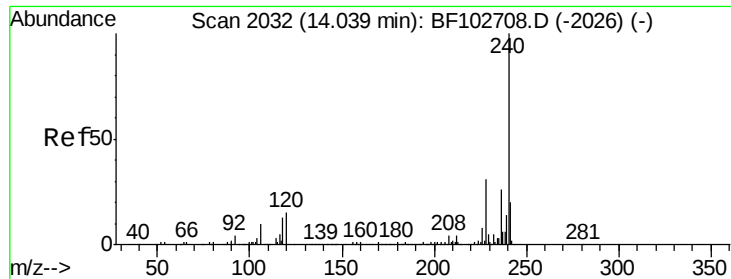
Delta R.T. -0.01 min

Lab File: BF102966.D

Acq: 13 Feb 2018 17:19

Tgt Ion:	202	Resp:	630946
Ion Ratio	Lower	Upper	
202	100		
101	15.5	0.0	34.1
203	17.6	0.0	38.1





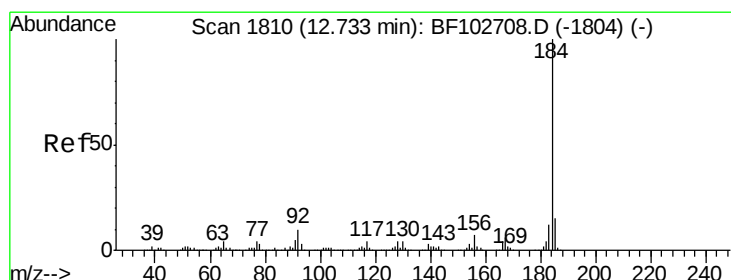
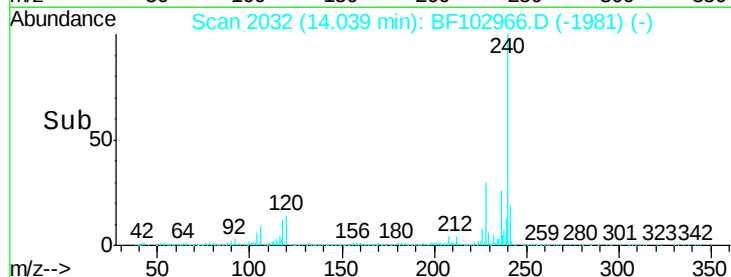
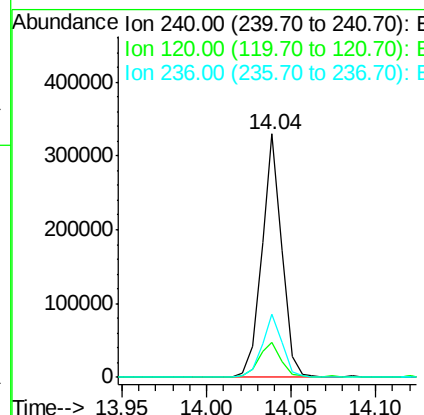
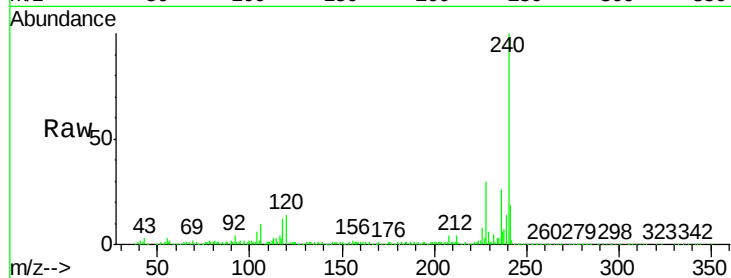
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF102966.D
Acq: 13 Feb 2018 17:19

Instrument :
BNA_F
ClientSampleId :
SU-03-021218MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.4	9.5	14.3#
236	26.1	20.7	31.1

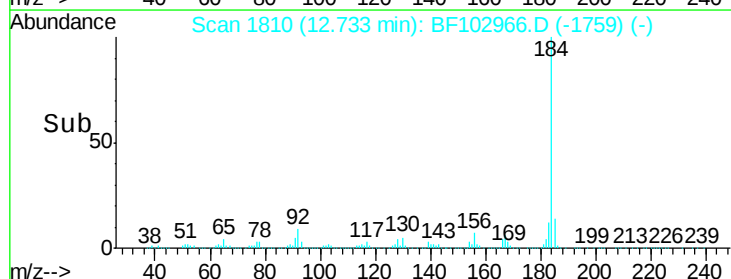
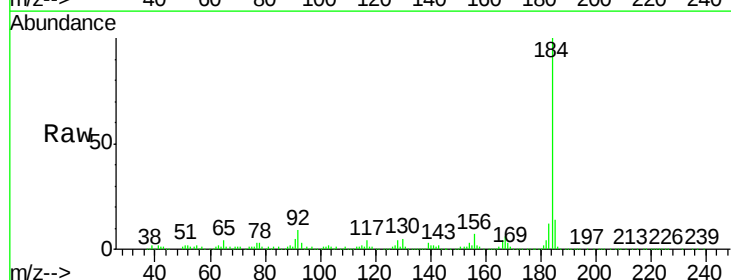
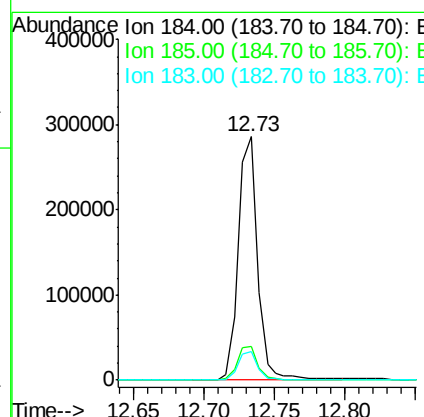
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#76
Benzidine
Concen: 21.851 ng
RT: 12.73 min Scan# 1810
Delta R.T. 0.00 min
Lab File: BF102966.D
Acq: 13 Feb 2018 17:19

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.8	12.6	18.8
183	11.6	9.3	13.9





#77

Pvrene

Concen: 30.684 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF102966.D

Acq: 13 Feb 2018 17:19

Instrument :

BNA_F

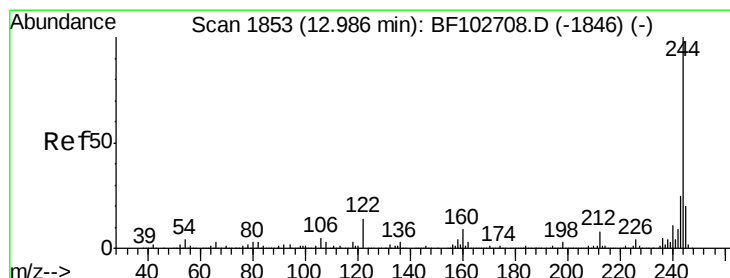
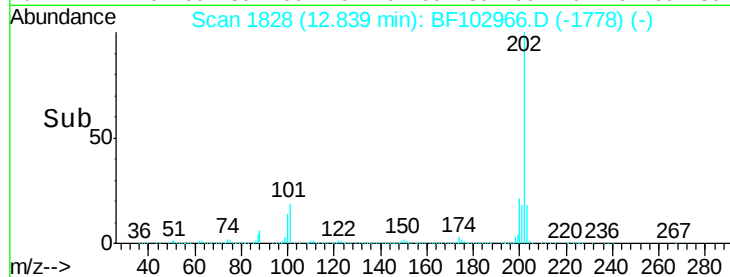
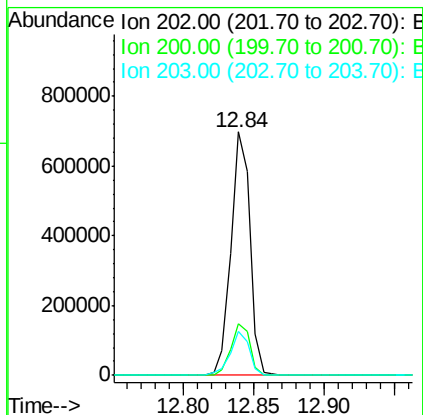
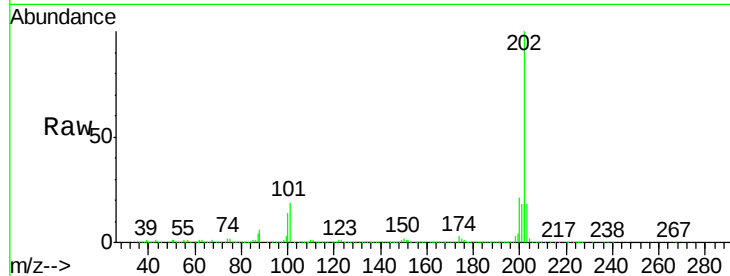
ClientSampleId :

SU-03-021218MS

Tot Ion:	202	Resp:	651670
Ion Ratio		Lower	Upper
202	100		
200	21.4	17.4	26.2
203	18.0	14.3	21.5

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#78

Terphenyl-d14

Concen: 64.293 ng

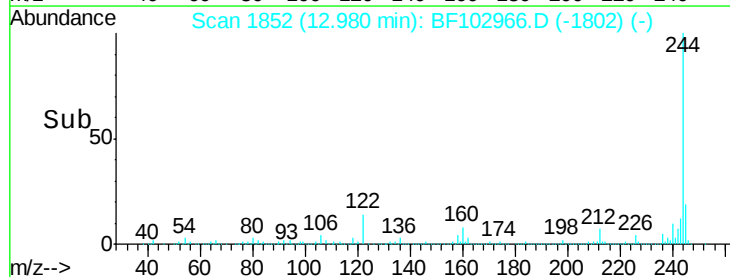
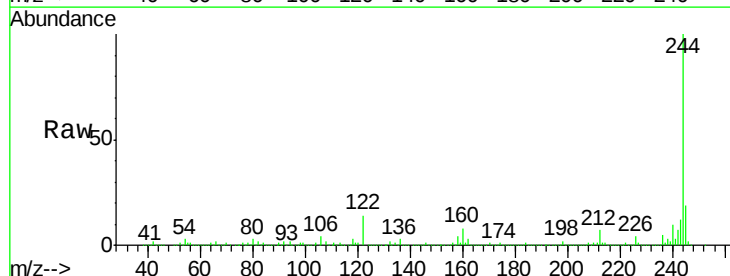
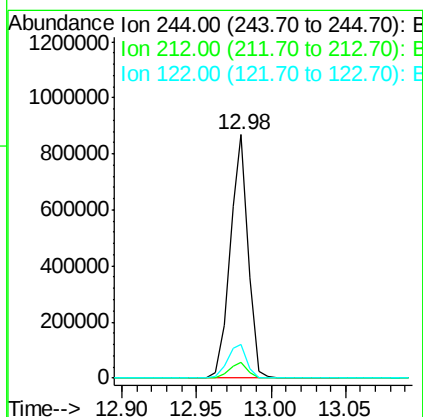
RT: 12.98 min Scan# 1852

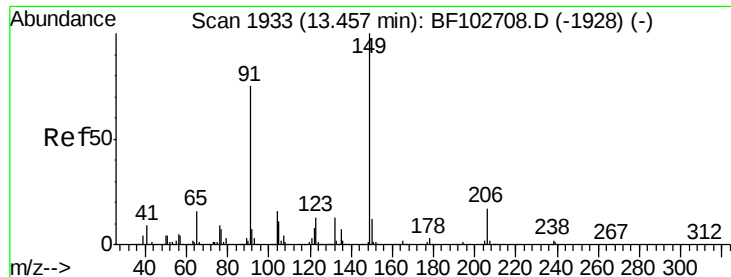
Delta R.T. -0.01 min

Lab File: BF102966.D

Acq: 13 Feb 2018 17:19

Tgt Ion:	244	Resp:	735424
Ion Ratio		Lower	Upper
244	100		
212	6.7	5.4	8.0
122	13.6	11.0	16.4





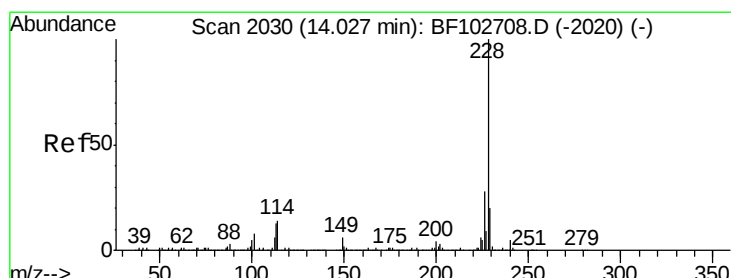
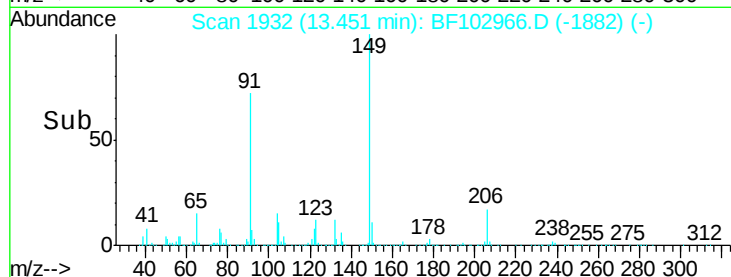
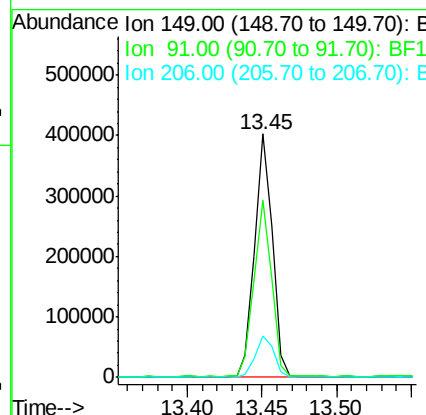
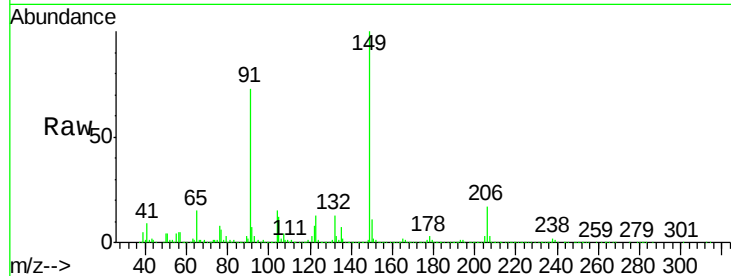
#79
Butylbenzylphthalate
Concen: 32.633 ng
RT: 13.45 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BF102966.D
Acq: 13 Feb 2018 17:19

Instrument :
BNA_F
ClientSampleId :
SU-03-021218MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	72.7	56.8	85.2
206	17.2	14.1	21.1

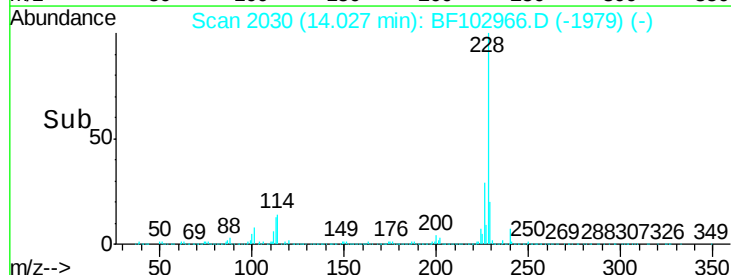
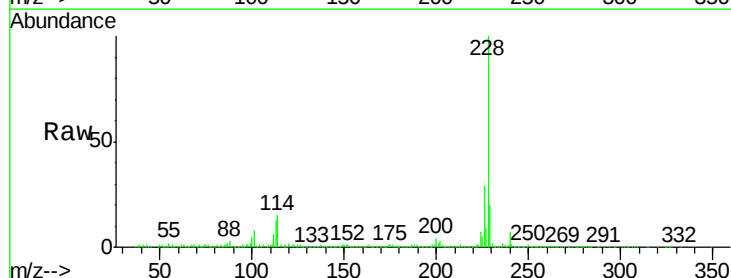
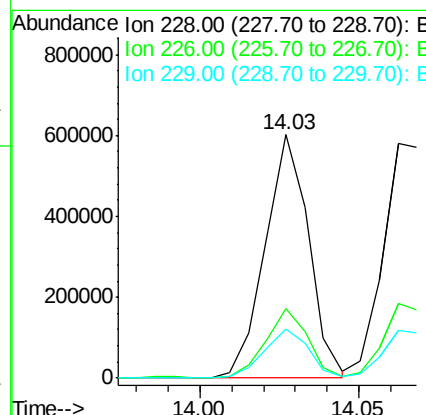
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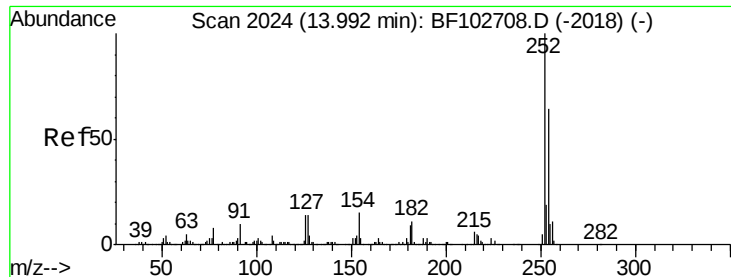
Sohil
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#80
Benzo(a)anthracene
Concen: 33.804 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BF102966.D
Acq: 13 Feb 2018 17:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.6	33.8
229	20.4	15.8	23.6





#81

3,3'-Dichlorobenzidine

Concen: 25.401 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF102966.D

Acq: 13 Feb 2018 17:19

Instrument :

BNA_F

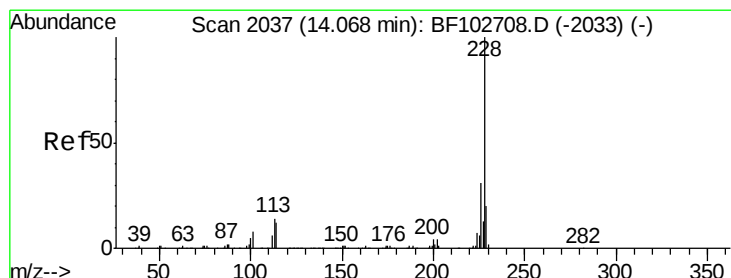
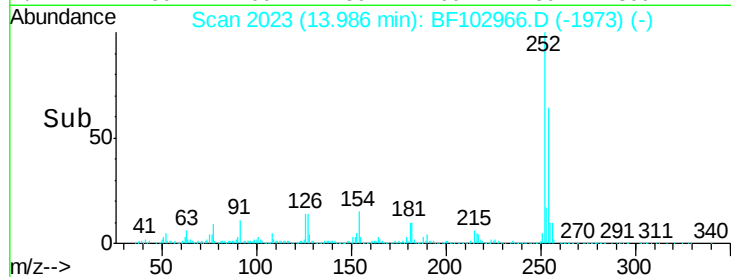
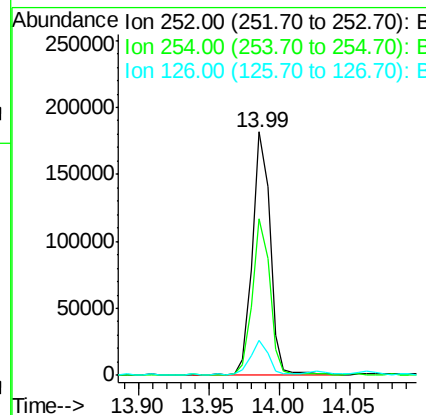
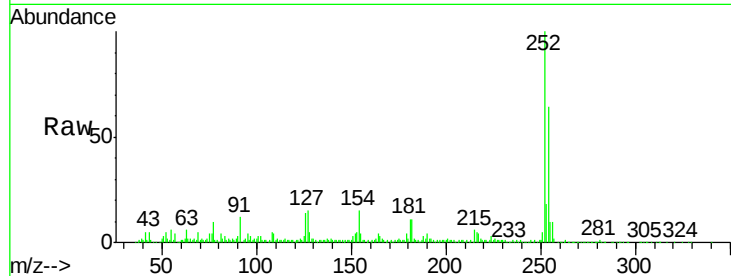
ClientSampleId :

SU-03-021218MS

Tot Ion:	252	Resp:	160424
Ion Ratio	Lower	Upper	
252	100		
254	64.2	50.4	75.6
126	14.3	11.3	16.9

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#82

Chrysene

Concen: 32.431 ng

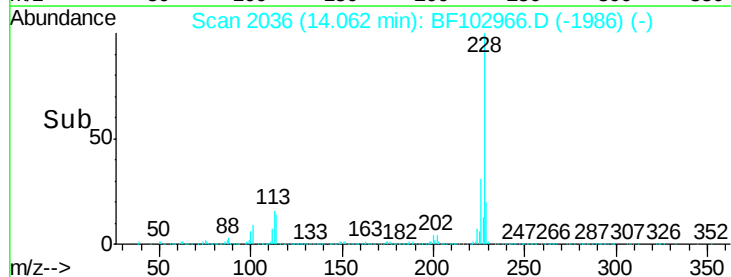
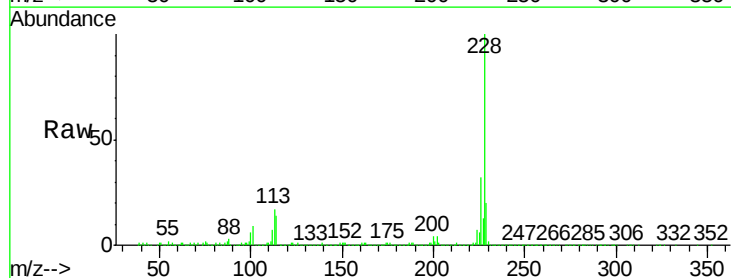
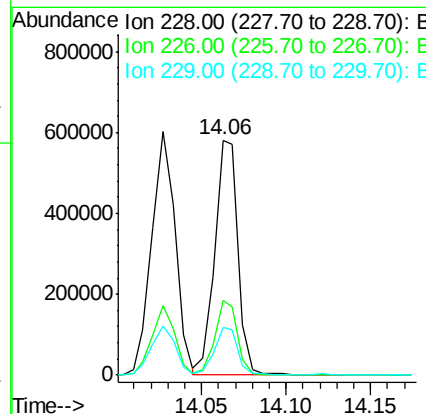
RT: 14.06 min Scan# 2036

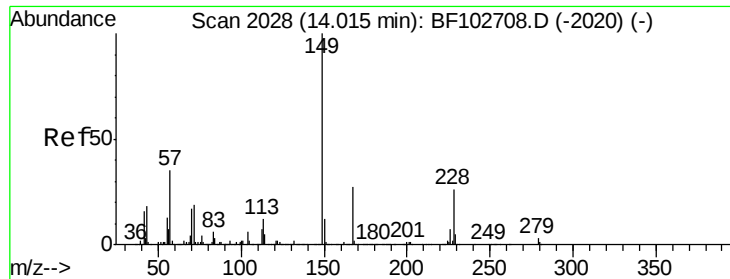
Delta R.T. -0.01 min

Lab File: BF102966.D

Acq: 13 Feb 2018 17:19

Tgt Ion:	228	Resp:	556866
Ion Ratio	Lower	Upper	
228	100		
226	31.5	25.0	37.6
229	20.3	16.2	24.4





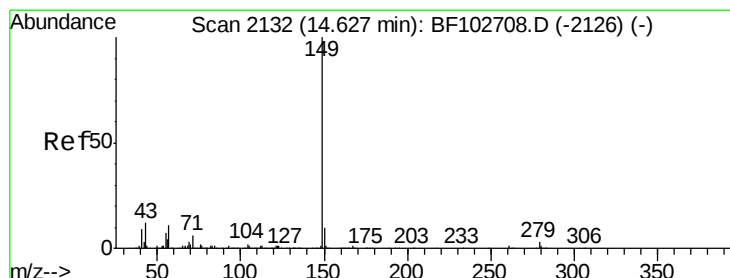
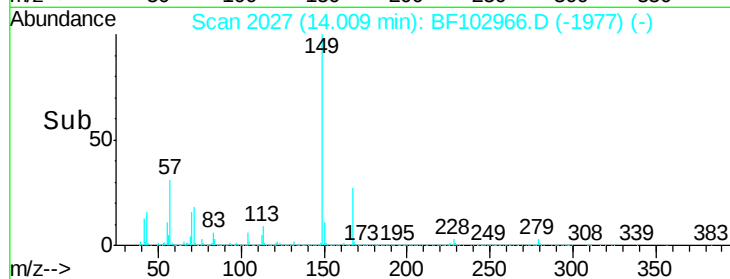
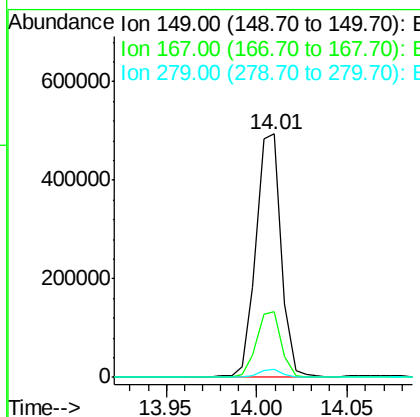
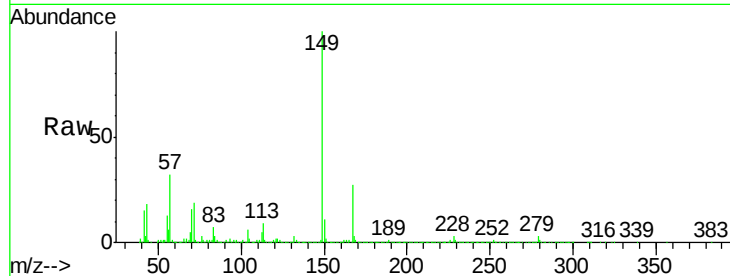
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.419 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF102966.D
 Acq: 13 Feb 2018 17:19

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-021218MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.3	31.9
279	3.2	3.0	4.4

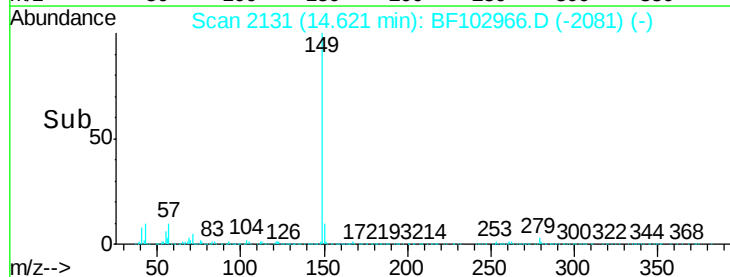
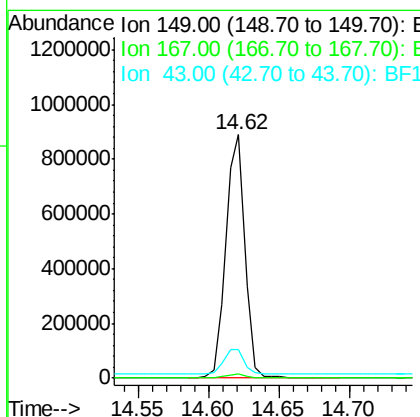
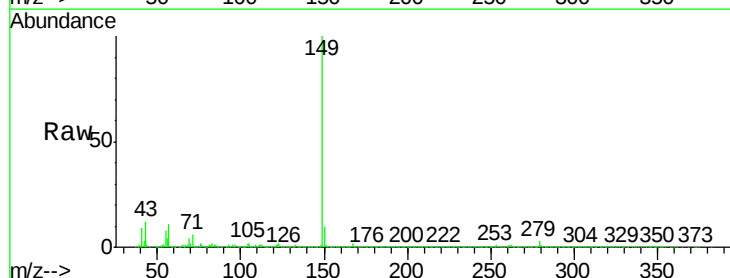
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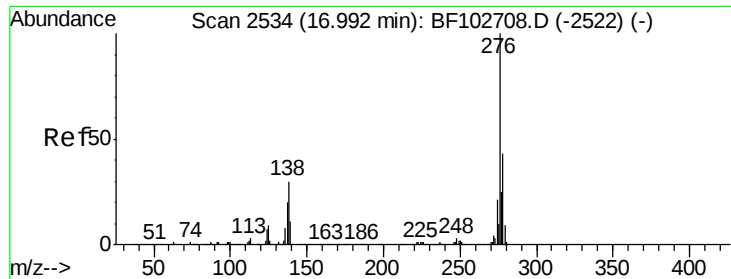
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#84
 Di-n-octyl phthalate
 Concen: 42.101 ng
 RT: 14.62 min Scan# 2131
 Delta R.T. -0.01 min
 Lab File: BF102966.D
 Acq: 13 Feb 2018 17:19

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.2	1.8
43	11.2	8.4	12.6





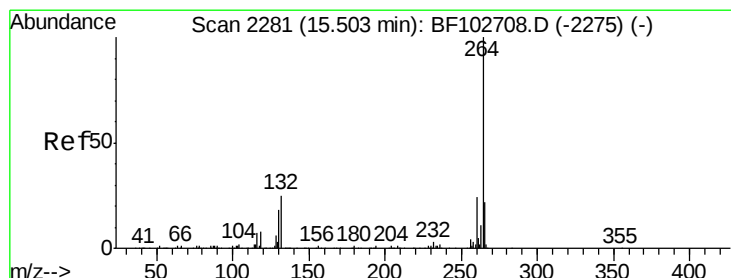
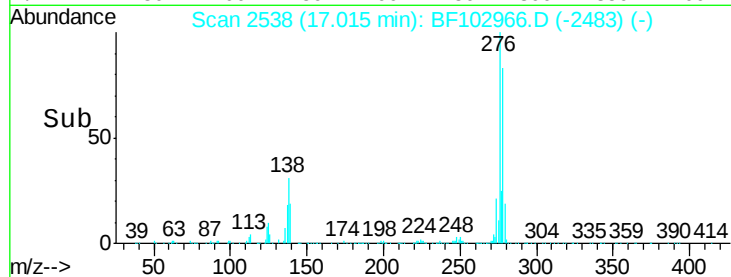
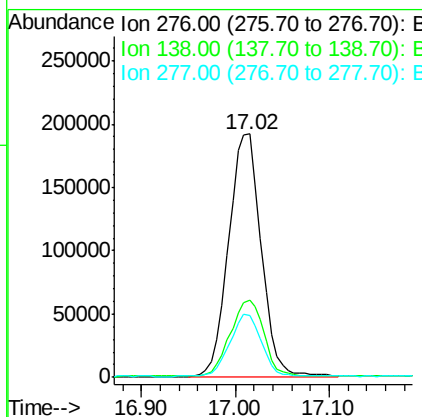
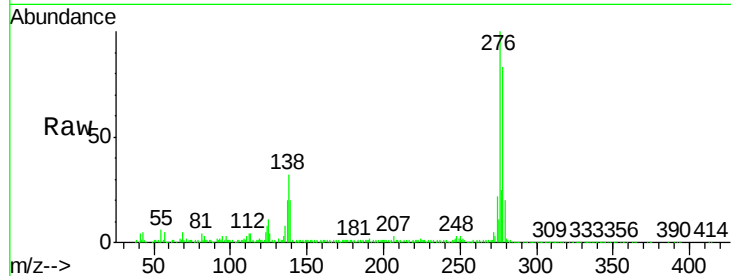
#85
Indeno(1,2,3-cd)pyrene
Concen: 32.462 ng
RT: 17.02 min Scan# 2538
Delta R.T. 0.02 min
Lab File: BF102966.D
Acq: 13 Feb 2018 17:19

Instrument :
BNA_F
ClientSampleId :
SU-03-021218MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.1	25.0	37.6
277	24.9	20.1	30.1

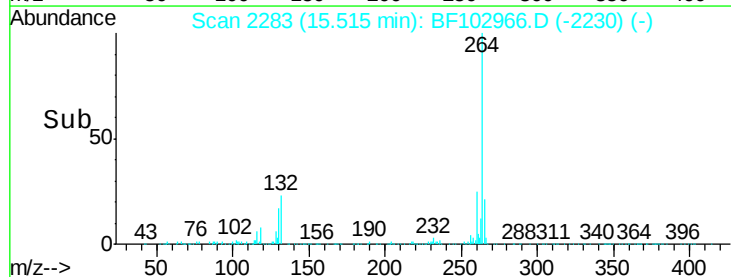
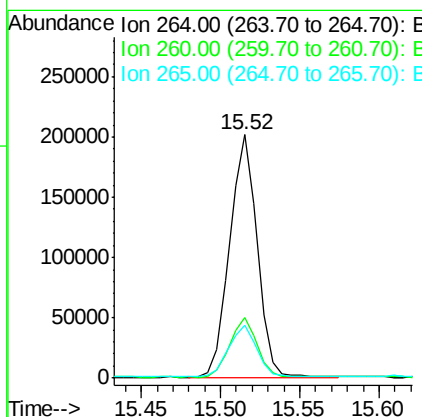
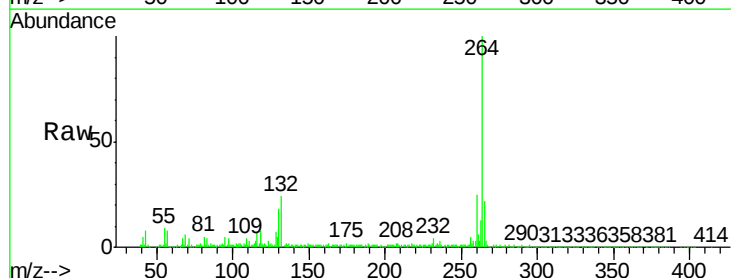
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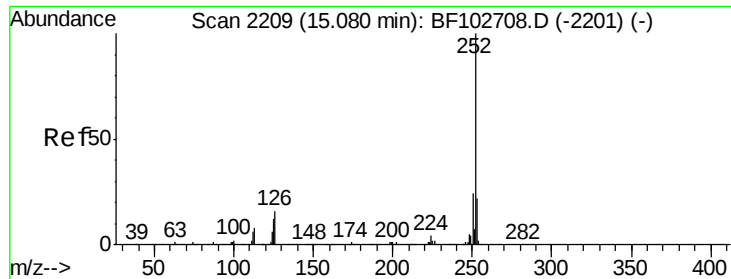
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.01 min
Lab File: BF102966.D
Acq: 13 Feb 2018 17:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.2	28.8
265	21.9	17.5	26.3





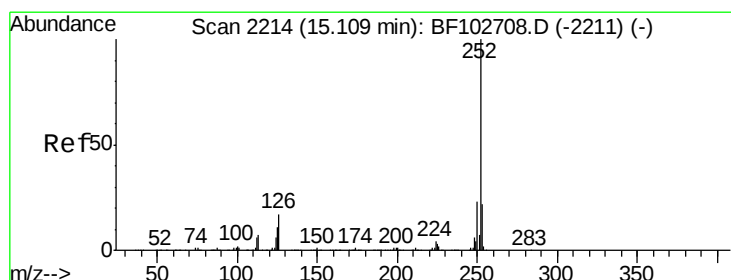
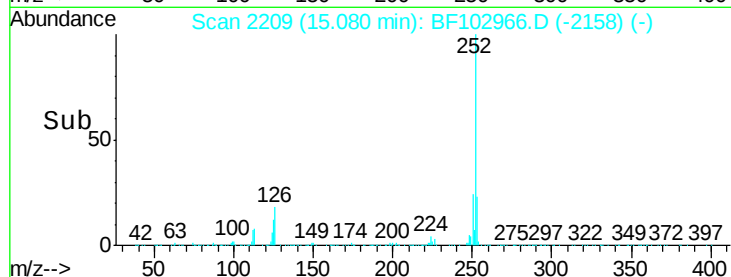
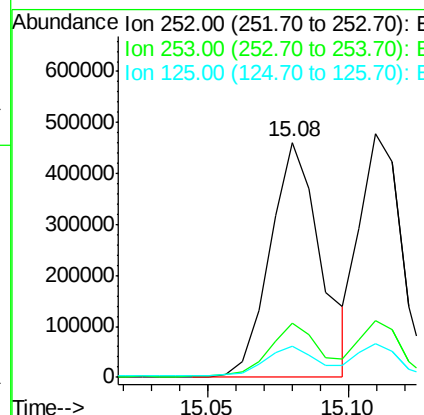
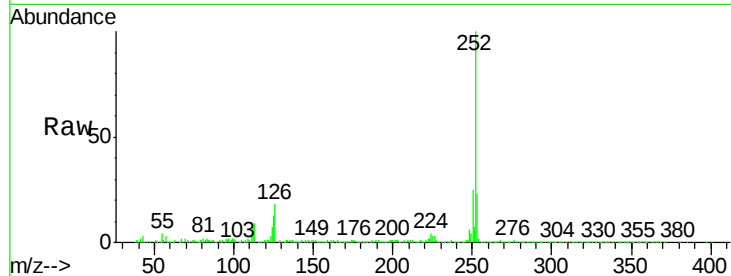
#87
Benzo(b)fluoranthene
Concen: 36.361 ng
RT: 15.08 min Scan# 2209
Delta R.T. 0.00 min
Lab File: BF102966.D
Acq: 13 Feb 2018 17:19

Instrument :
BNA_F
ClientSampleId :
SU-03-021218MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.0	25.6
125	13.1	9.0	13.6

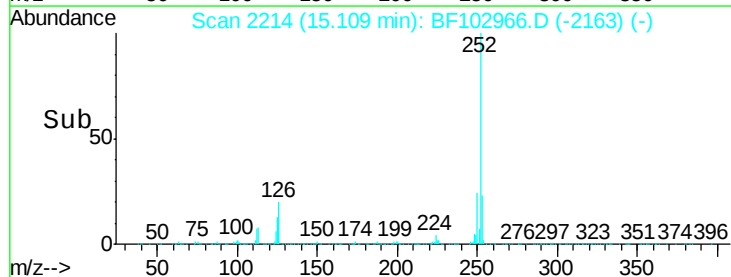
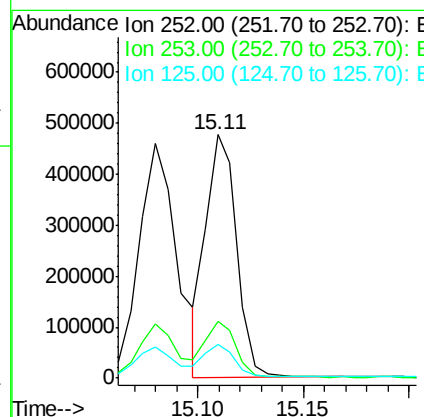
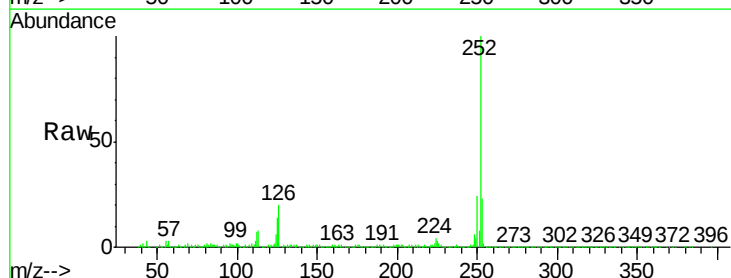
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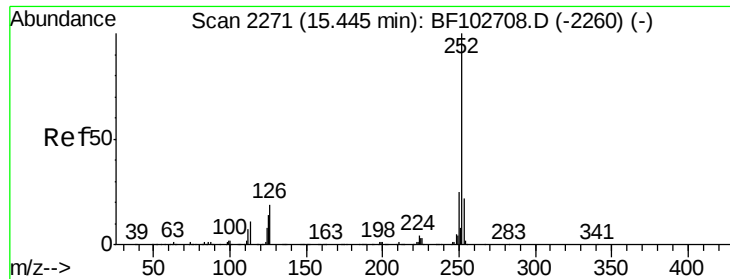
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#88
Benzo(k)fluoranthene
Concen: 32.131 ng
RT: 15.11 min Scan# 2214
Delta R.T. 0.00 min
Lab File: BF102966.D
Acq: 13 Feb 2018 17:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.9	26.9
125	14.0	10.2	15.2





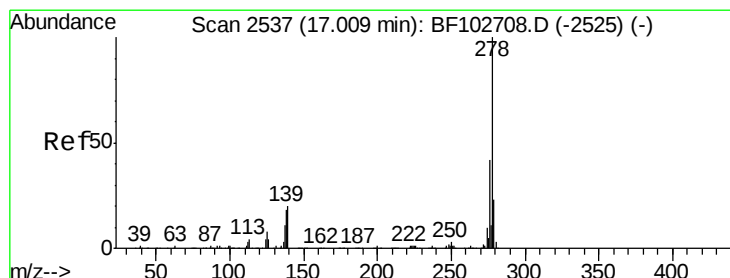
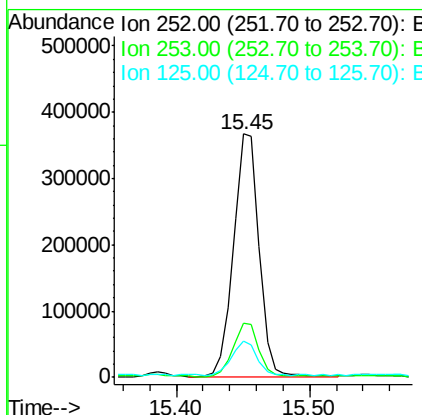
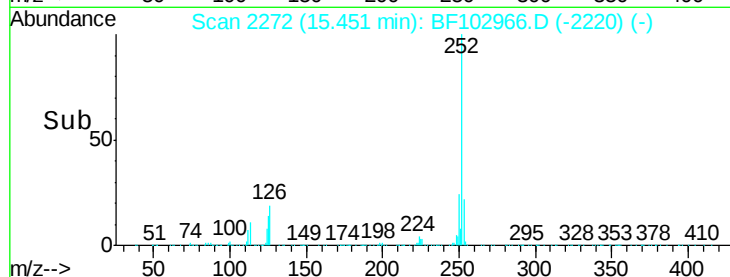
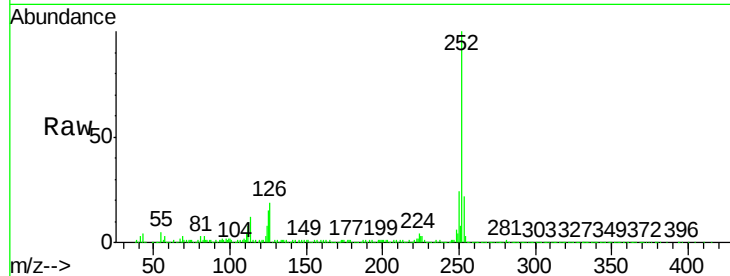
#89
Benzo(a)pyrene
Concen: 34.632 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF102966.D
Acq: 13 Feb 2018 17:19

Instrument :
BNA_F
ClientSampleId :
SU-03-021218MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	15.1	9.8	14.6

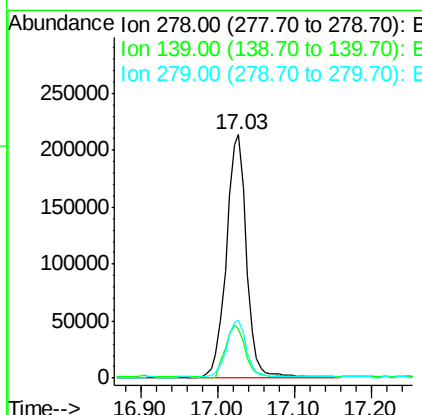
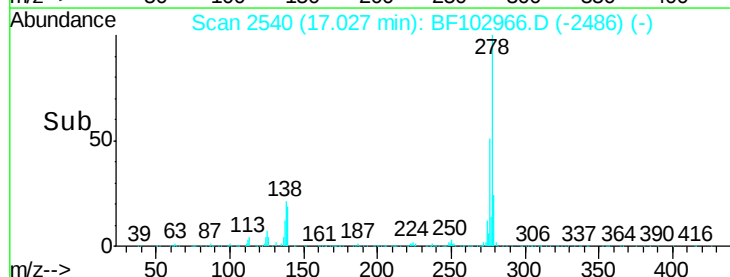
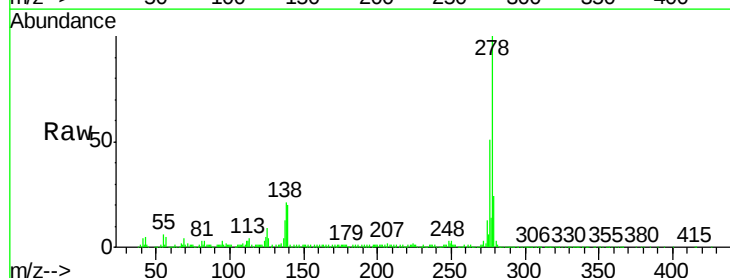
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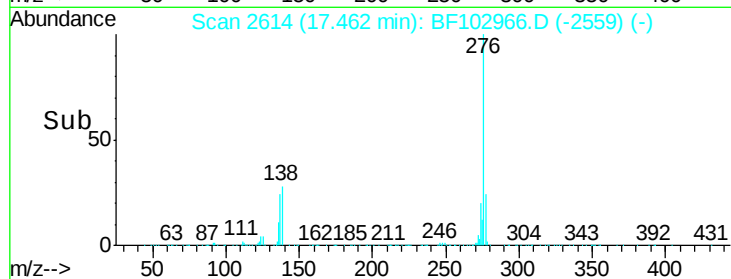
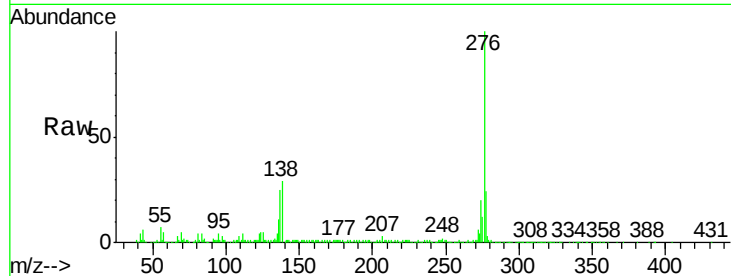
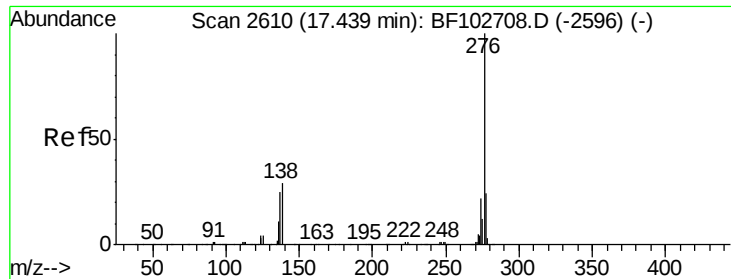
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 33.797 ng
RT: 17.03 min Scan# 2540
Delta R.T. 0.02 min
Lab File: BF102966.D
Acq: 13 Feb 2018 17:19

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.1	15.9	23.9
279	23.9	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 33.292 ng
 RT: 17.46 min Scan# 2614
 Delta R.T. 0.02 min
 Lab File: BF102966.D
 Acq: 13 Feb 2018 17:19

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-021218MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.5	17.9	26.9
138	29.1	21.8	32.8

Manual Integrations
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