

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041218\
 Data File : BF104454.D
 Acq On : 12 Apr 2018 16:42
 Operator : JU/SJ
 Sample : J2335-05MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S3MSD

Manual Integrations
 APPROVED

Sohil
 4/13/2018 4:44:08 PM

Quant Time: Apr 12 17:35:46 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 12 17:07:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	128655	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	521071	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	222887	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	322236	20.00	ng	0.00
75) Chrysene-d12	14.00	240	220517	20.00	ng	0.00
86) Perylene-d12	15.46	264	213038	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	1116607	132.71	ng	0.02
7) Phenol-d6	6.46	99	1377864	133.28	ng	0.01
23) Nitrobenzene-d5	7.38	82	851201	106.67	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	283297	122.53	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1292113	91.58	ng	0.00
78) Terphenyl-d14	12.94	244	861792	89.10	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	154909	39.512	ng	89
3) Pyridine	3.33	79	461645	41.880	ng	85
4) n-Nitrosodimethylamine	3.29	42	168479	43.724	ng	80
6) Aniline	6.47	93	374681	26.087	ng	# 44
8) 2-Chlorophenol	6.60	128	424206	47.767	ng	93
9) Benzaldehyde	6.36	77	212918	41.078	ng	96
10) Phenol	6.47	94	534729	48.749	ng	94
11) bis(2-Chloroethyl)ether	6.55	93	425455	48.604	ng	98
12) 1,3-Dichlorobenzene	6.75	146	454642	45.189	ng	98
13) 1,4-Dichlorobenzene	6.83	146	451844	45.054	ng	98
14) 1,2-Dichlorobenzene	6.99	146	417299	44.901	ng	98
15) Benzyl Alcohol	6.96	79	363086	46.241	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	521662	44.376	ng	89
17) 2-Methylphenol	7.07	107	353408	45.780	ng	98
18) Hexachloroethane	7.32	117	154353	43.166	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	289246	42.816	ng	92
20) 3+4-Methylphenols	7.22	107	413899	43.231	ng	# 72
22) Acetophenone	7.23	105	563753	43.945	ng	96
24) Nitrobenzene	7.40	77	441304	50.089	ng	99
25) Isophorone	7.64	82	733927	43.493	ng	99
26) 2-Nitrophenol	7.72	139	237569	66.236	ng	91
27) 2,4-Dimethylphenol	7.75	122	337552	45.325	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	499900	48.453	ng	99
29) 2,4-Dichlorophenol	7.96	162	342949	48.263	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	361014	46.294	ng	98
31) Naphthalene	8.12	128	1132670	43.654	ng	100
32) Benzoic acid	7.85	122	68841	11.585	ng	98
33) 4-Chloroaniline	8.17	127	169576	15.255	ng	97
34) Hexachlorobutadiene	8.23	225	201067	47.072	ng	98
35) Caprolactam	8.55	113	116991m	47.195	ng	
36) 4-Chloro-3-methylphenol	8.66	107	374635	49.169	ng	99
37) 2-Methylnaphthalene	8.81	142	711733	42.407	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	316551	49.614	ng	99
40) Hexachlorocyclopentadiene	8.96	237	130177	36.445	ng	97

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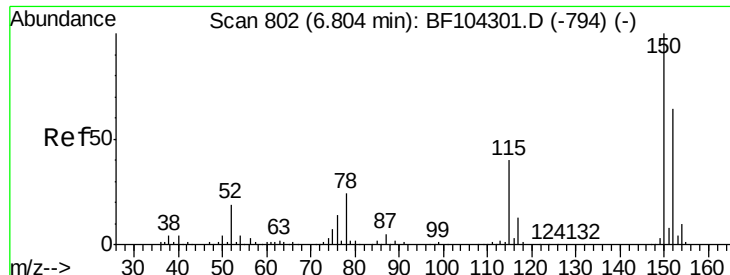
Manual Integrations
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Sohil
 4/13/2018 4:44:08 PM

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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	238756	53.906	nq	100
43) 2,4,5-Trichlorophenol	9.13	196	239224	48.266	nq	96
45) 1,1'-Biphenyl	9.27	154	894632	47.780	nq	99
46) 2-Chloronaphthalene	9.30	162	704091	47.607	nq	98
47) 2-Nitroaniline	9.40	65	220015	60.155	nq	98
48) Acenaphthylene	9.72	152	1004091	43.271	nq	100
49) Dimethylphthalate	9.58	163	906035	51.548	nq	100
50) 2,6-Dinitrotoluene	9.65	165	183532	56.431	nq #	86
51) Acenaphthene	9.89	154	617751	43.633	nq	100
52) 3-Nitroaniline	9.81	138	130459	34.264	nq	100
53) 2,4-Dinitrophenol	9.92	184	48481	46.044	nq #	21
54) Dibenzofuran	10.06	168	882610	44.733	nq	99
55) 4-Nitrophenol	9.98	139	287824	96.233	nq	89
56) 2,4-Dinitrotoluene	10.05	165	223418	52.371	nq #	98
57) Fluorene	10.40	166	607067	42.271	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	167651	45.340	nq #	96
59) Diethylphthalate	10.28	149	768270	43.889	nq	98
60) 4-Chlorophenyl-phenylether	10.40	204	313066	48.949	nq	96
61) 4-Nitroaniline	10.43	138	160326	43.065	nq	98
62) Azobenzene	10.56	77	698338	41.757	nq	95
64) 4,6-Dinitro-2-methylphenol	10.45	198	58335	38.829	nq	95
65) n-Nitrosodiphenylamine	10.52	169	613061	54.871	nq	100
66) 4-Bromophenyl-phenylether	10.89	248	189305	55.230	nq	98
67) Hexachlorobenzene	10.95	284	196366	50.915	nq	96
68) Atrazine	11.05	200	180714	53.585	nq	98
69) Pentachlorophenol	11.15	266	201258	84.351	nq	97
70) Phenanthrene	11.37	178	815284	45.432	nq	99
71) Anthracene	11.42	178	790739	43.349	nq	99
72) Carbazole	11.58	167	771400	43.276	nq	99
73) Di-n-butylphthalate	11.91	149	988009	45.375	nq	99
74) Fluoranthene	12.57	202	738809	39.405	nq	98
76) Benzdine	12.69	184	335492	47.130	nq	97
77) Pyrene	12.80	202	735128	44.974	nq	100
79) Butylbenzylphthalate	13.41	149	346835	45.040	nq	99
80) Benzo(a)anthracene	13.99	228	646693	49.089	nq	99
81) 3,3'-Dichlorobenzidine	13.94	252	185354	37.735	nq	99
82) Chrysene	14.02	228	628070	46.415	nq	100
83) Bis(2-ethylhexyl)phthalate	13.97	149	478540	48.314	nq	99
84) Di-n-octyl phthalate	14.59	149	818848	49.477	nq	97
85) Indeno(1,2,3-cd)pyrene	16.92	276	583380	50.751	nq	97
87) Benzo(b)fluoranthene	15.04	252	601948	44.737	nq	97
88) Benzo(k)fluoranthene	15.07	252	579738	45.638	nq	99
89) Benzo(a)pyrene	15.40	252	559912	46.508	nq	98
90) Dibenzo(a,h)anthracene	16.94	278	481675	48.715	nq	99
91) Benzo(g,h,i)perylene	17.36	276	469891	49.052	nq	97

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



#1

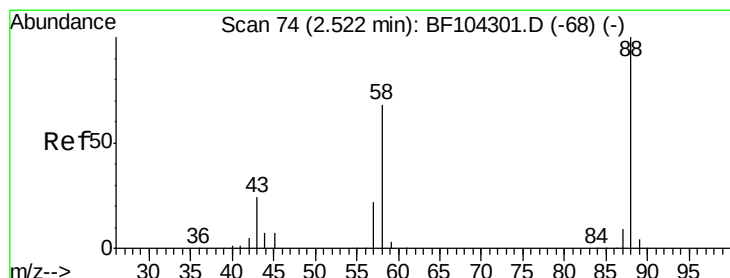
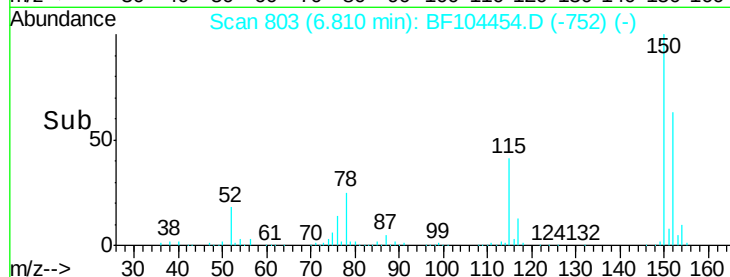
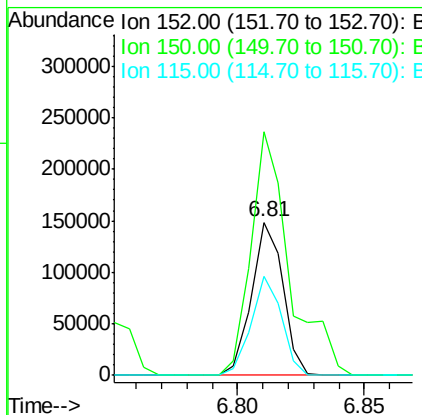
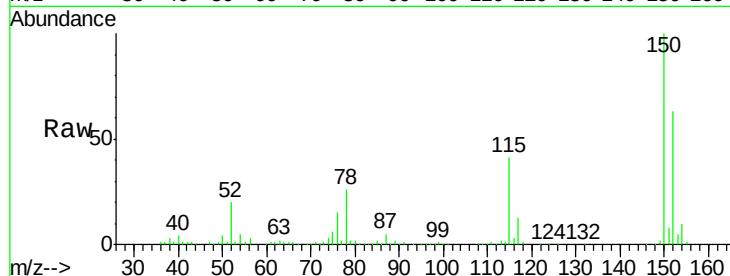
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF104454.D
Acq: 12 Apr 2018 16:42

Instrument :
BNA_F
ClientSampleId :
S3MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	124.6	186.8
115	64.6	50.1	75.1

Manual Integrations
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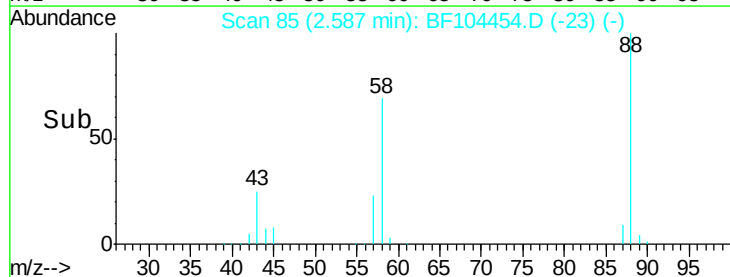
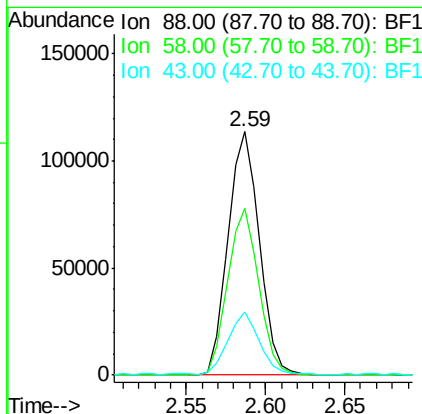
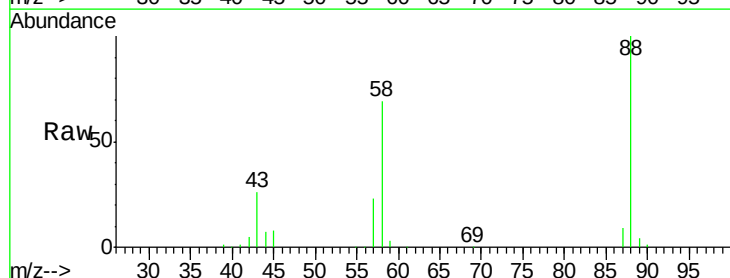
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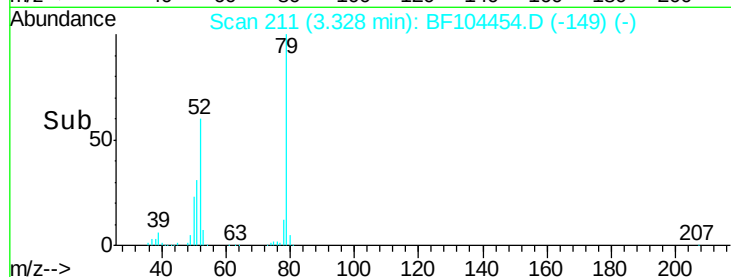
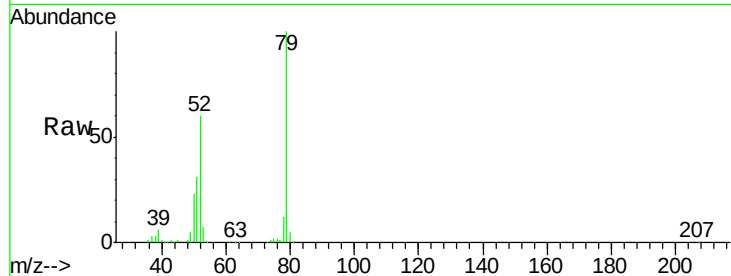
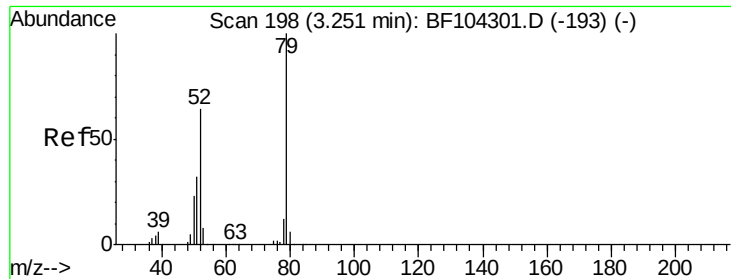


#2

1,4-Dioxane
Concen: 39.512 ng
RT: 2.59 min Scan# 85
Delta R.T. 0.06 min
Lab File: BF104454.D
Acq: 12 Apr 2018 16:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.9	62.6	93.8
43	25.1	24.6	37.0





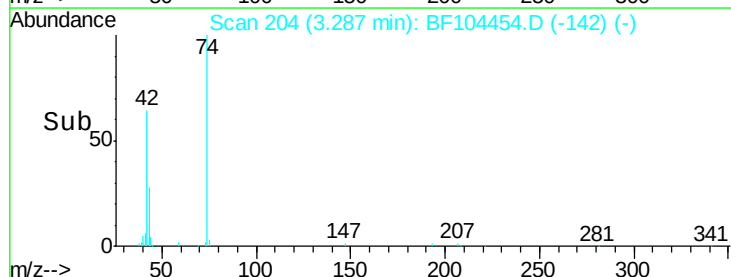
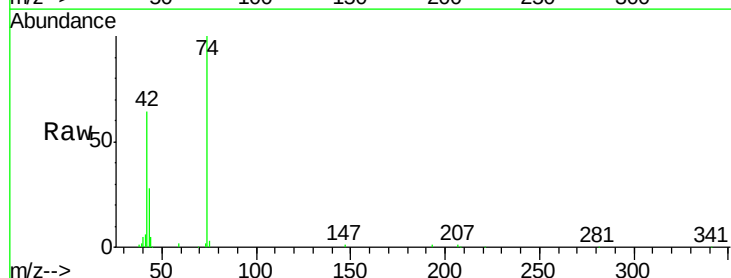
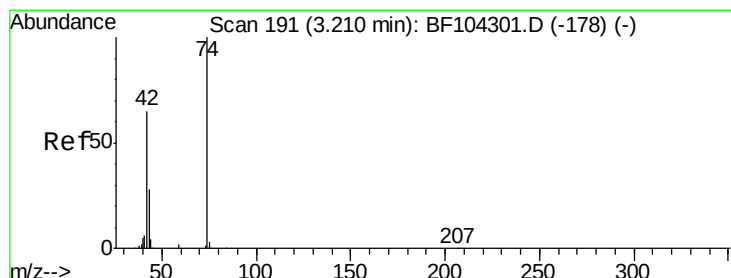
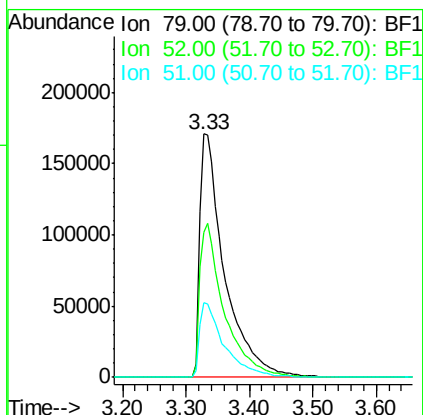
#3
 Pvridine
 Concen: 41.880 ng
 RT: 3.33 min Scan# 211
 Delta R.T. 0.06 min
 Lab File: BF104454.D
 Acq: 12 Apr 2018 16:42

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	461645		
52	52	59.8		59.8	89.6
51	51	30.6		29.8	44.8

Instrument :
 BNA_F
 ClientSampled :
 S3MSD

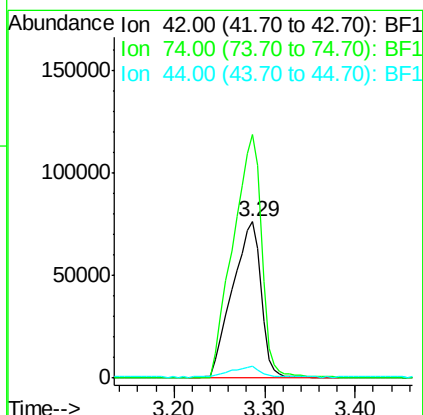
Manual Integrations
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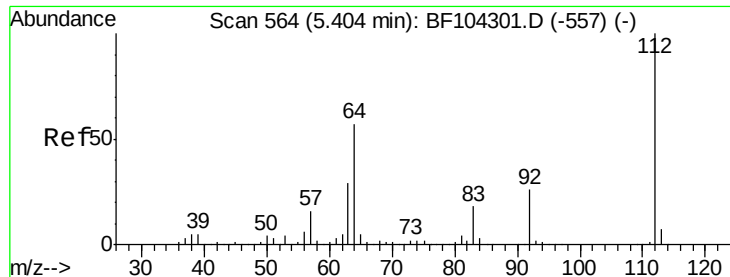
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#4
 n-Nitrosodimethylamine
 Concen: 43.724 ng
 RT: 3.29 min Scan# 204
 Delta R.T. 0.06 min
 Lab File: BF104454.D
 Acq: 12 Apr 2018 16:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	168479		
74	74	155.7		104.9	157.3
44	44	7.4		6.9	10.3





#5

2-Fluorophenol

Concen: 132.708 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.02 min

Lab File: BF104454.D

Acq: 12 Apr 2018 16:42

Instrument :

BNA_F

ClientSampled :

S3MSD

Tot Ion:112 Resp: 1116607

Ion Ratio Lower Upper

112 100

64 57.6 47.9 71.9

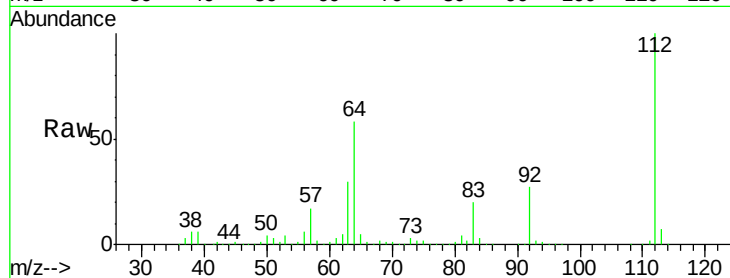
63 29.5 23.7 35.5

Manual Integrations

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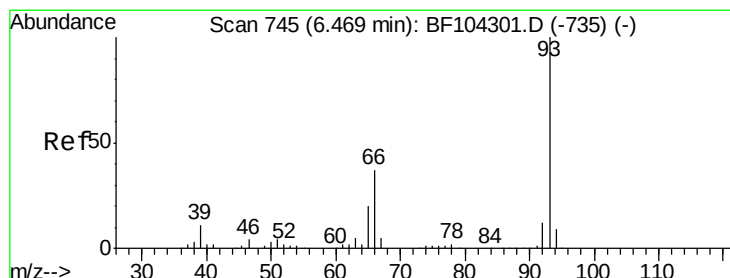
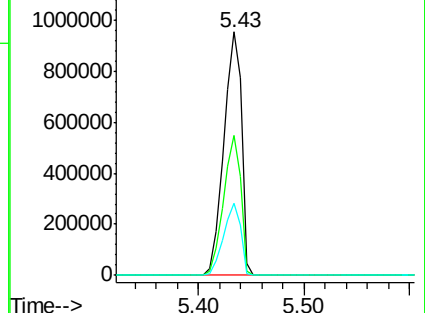
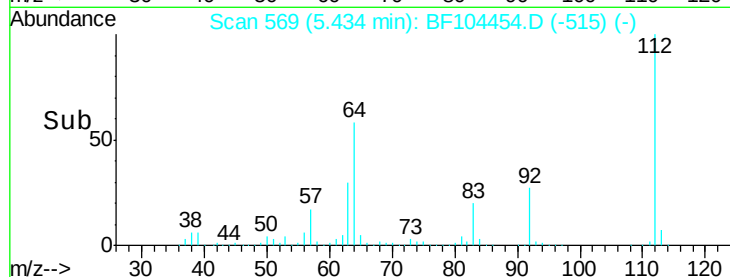
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 26.087 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF104454.D

Acq: 12 Apr 2018 16:42

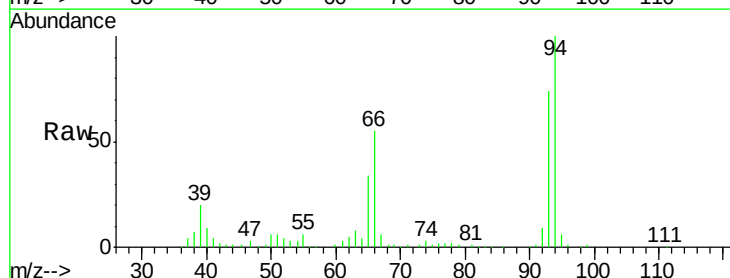
Tgt Ion: 93 Resp: 374681

Ion Ratio Lower Upper

93 100

66 74.9 32.2 48.2#

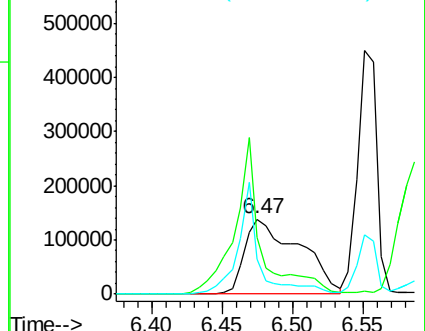
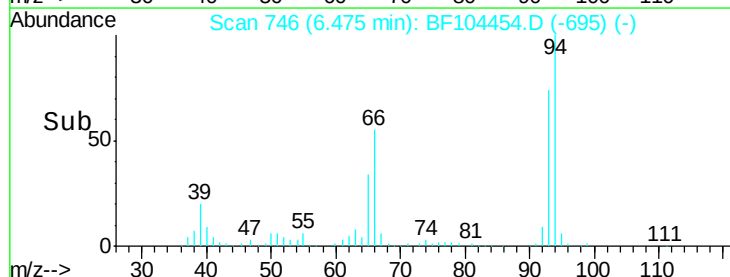
65 45.8 16.4 24.6#

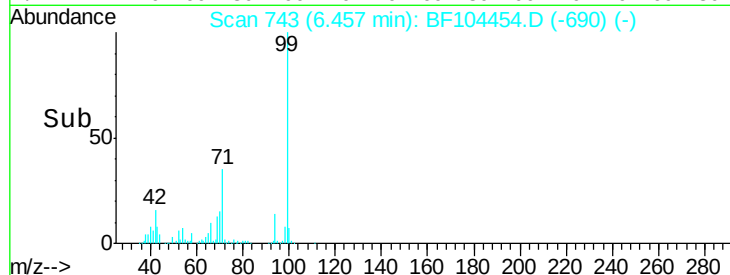
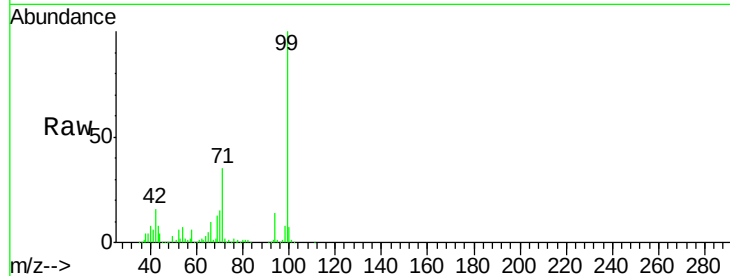
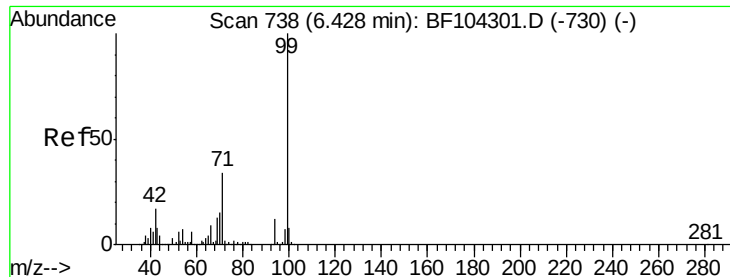


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 133.280 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF104454.D

Acq: 12 Apr 2018 16:42

Tot Ion: 99 Resp: 1377864

Ion Ratio Lower Upper

99 100

42 16.3 14.5 21.7

71 34.6 25.4 38.0

Instrument :

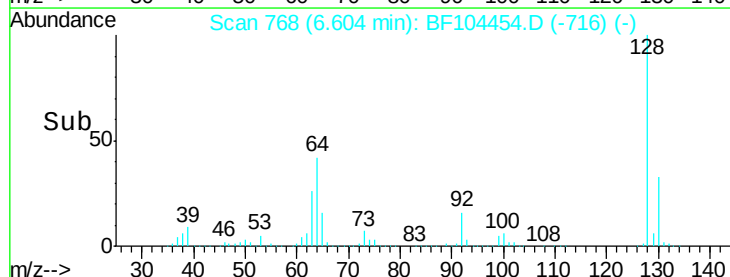
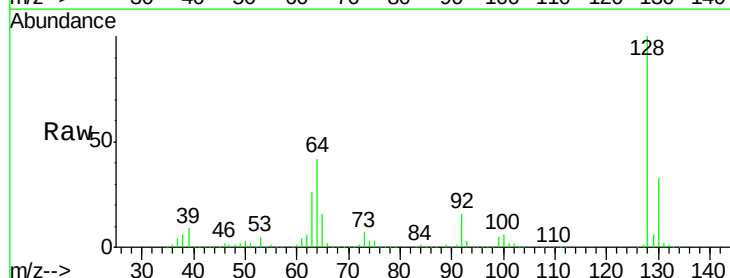
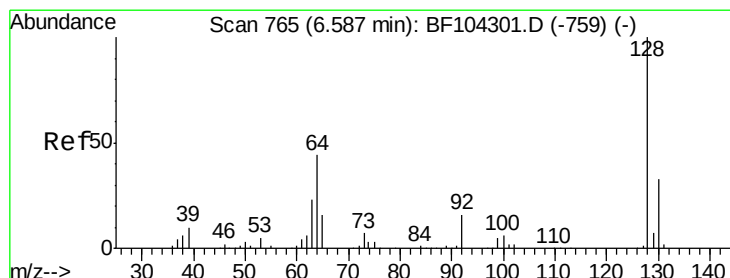
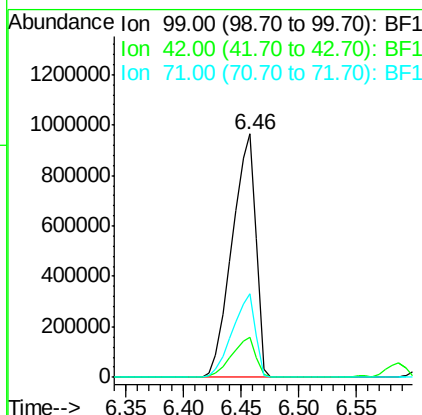
BNA_F

ClientSampleId :

S3MSD

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#8

2-Chlorophenol

Concen: 47.767 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF104454.D

Acq: 12 Apr 2018 16:42

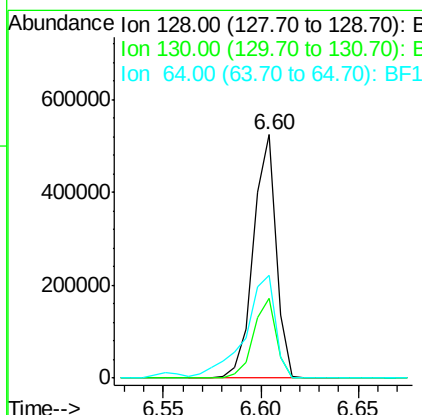
Tgt Ion: 128 Resp: 424206

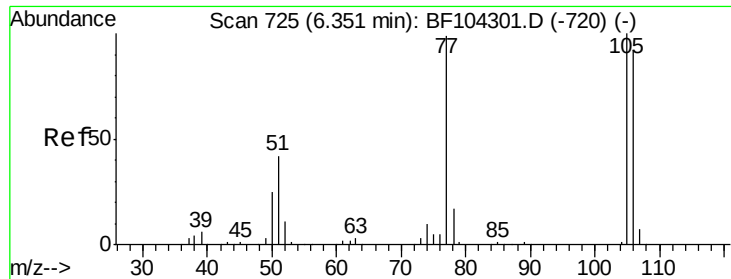
Ion Ratio Lower Upper

128 100

130 32.7 13.0 53.0

64 42.2 29.4 69.4





#9

Benzaldehyde

Concen: 41.078 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF104454.D

Acq: 12 Apr 2018 16:42

Instrument :

BNA_F

ClientSampled :

S3MSD

Tot Ion: 77 Resp: 212918

Ion Ratio Lower Upper

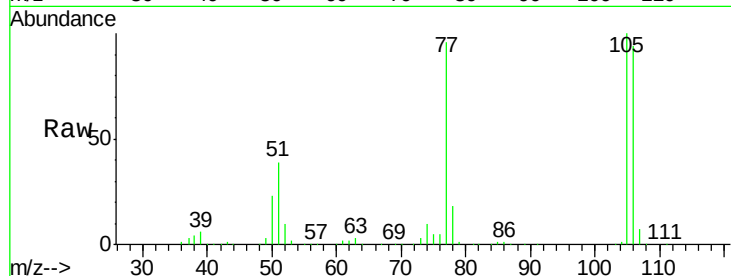
77 100

105 104.7 81.1 121.1

106 97.9 74.5 114.5

Manual Integrations
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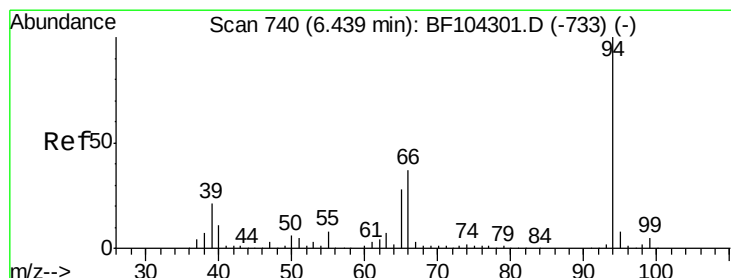
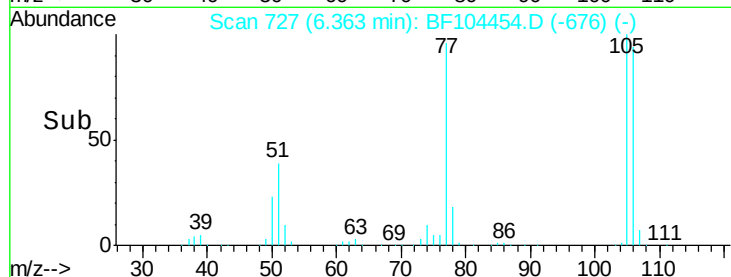
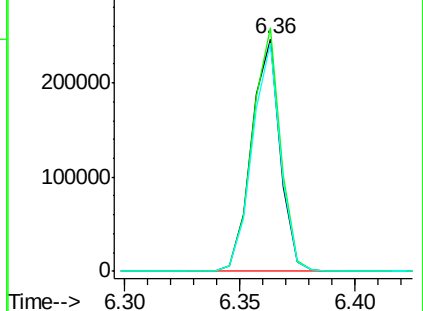
Sohil
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 48.749 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF104454.D

Acq: 12 Apr 2018 16:42

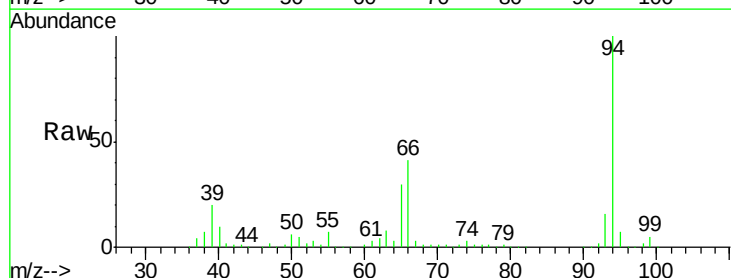
Tgt Ion: 94 Resp: 534729

Ion Ratio Lower Upper

94 100

65 29.6 7.9 47.9

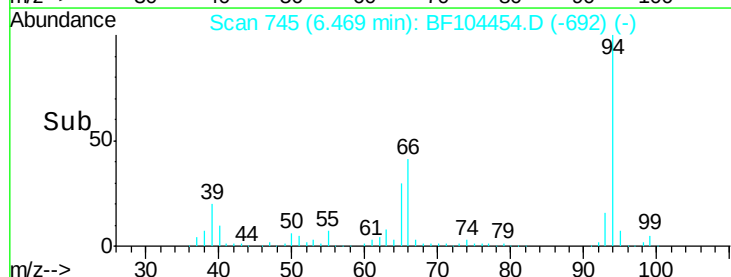
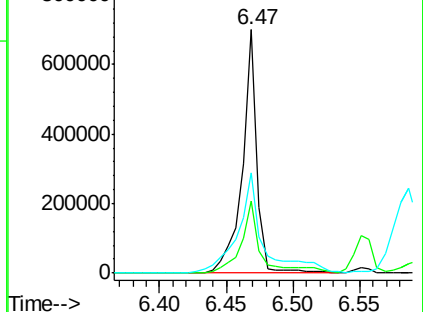
66 41.3 16.2 56.2

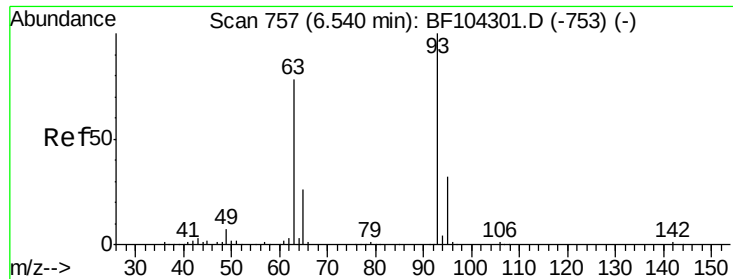


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





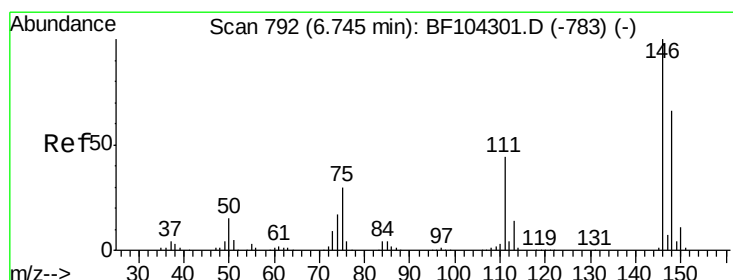
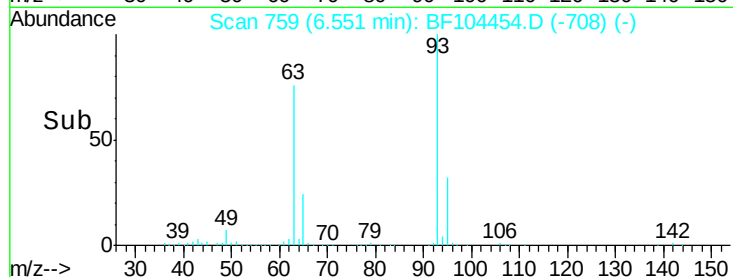
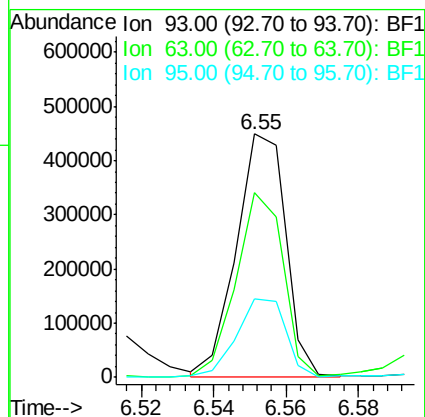
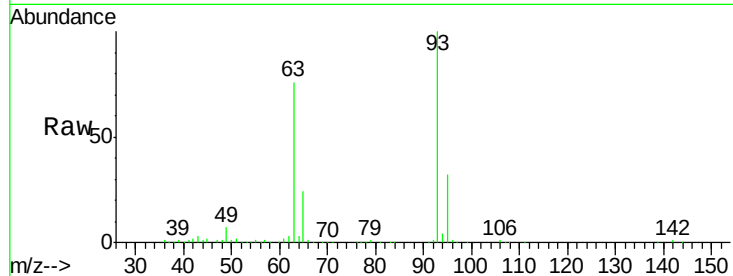
#11
bis(2-Chloroethyl)ether
Concen: 48.604 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF104454.D
Acq: 12 Apr 2018 16:42

Instrument :
BNA_F
ClientSampleId :
S3MSD

Tot Ion:	93	Resp:	425455
Ion Ratio	Lower	Upper	
93	100		
63	75.8	58.6	98.6
95	32.2	11.8	51.8

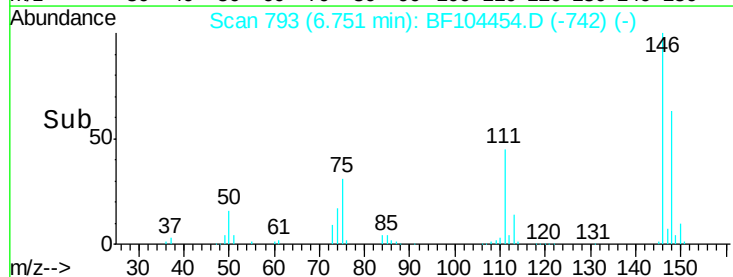
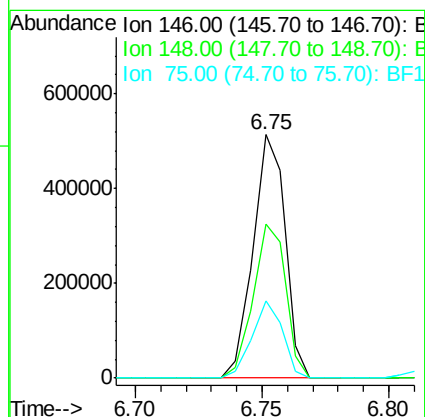
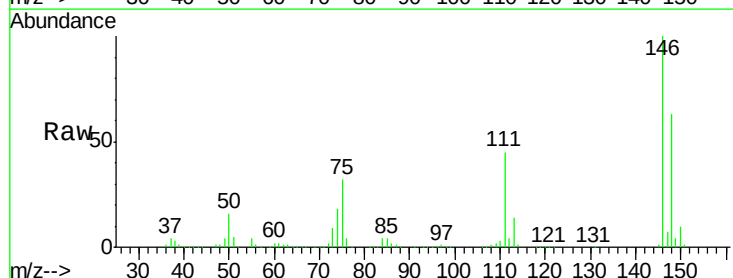
Manual Integrations
APPROVED

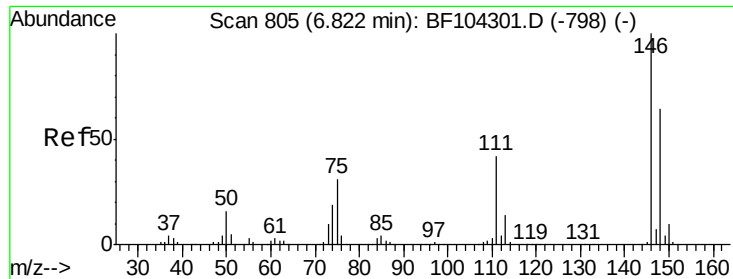
Sohil
4/13/2018 4:44:08 PM



#12
1,3-Dichlorobenzene
Concen: 45.189 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF104454.D
Acq: 12 Apr 2018 16:42

Tgt Ion:	146	Resp:	454642
Ion Ratio	Lower	Upper	
146	100		
148	63.5	51.8	77.8
75	31.8	24.2	36.4





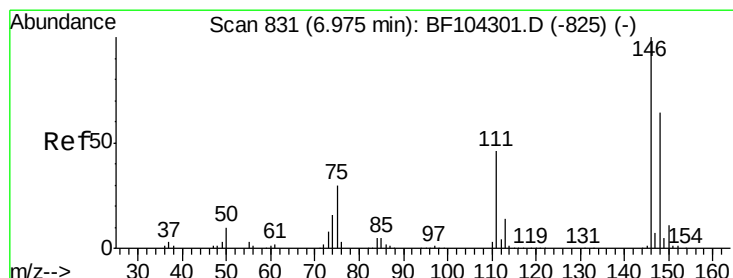
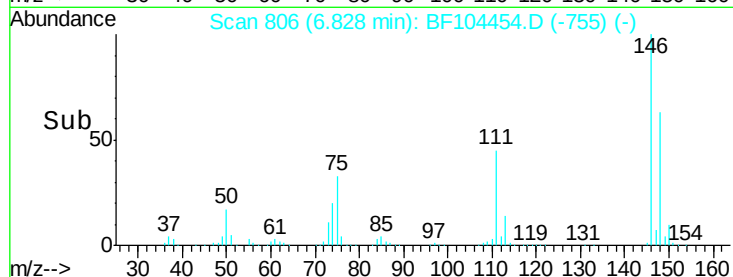
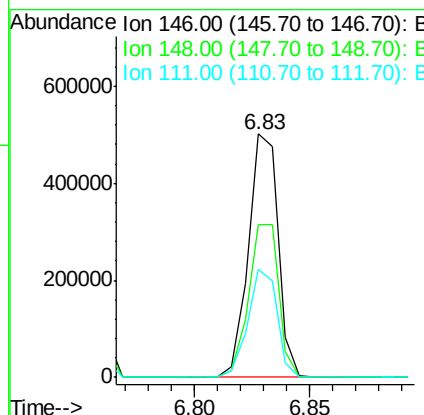
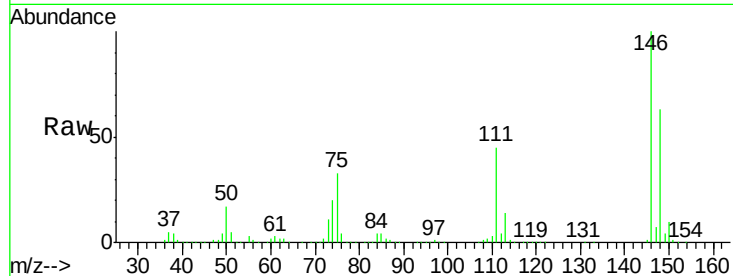
#13
1,4-Dichlorobenzene
Concen: 45.054 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF104454.D
Acq: 12 Apr 2018 16:42

Instrument :
BNA_F
ClientSampleId :
S3MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.8	76.2
111	44.5	34.2	51.2

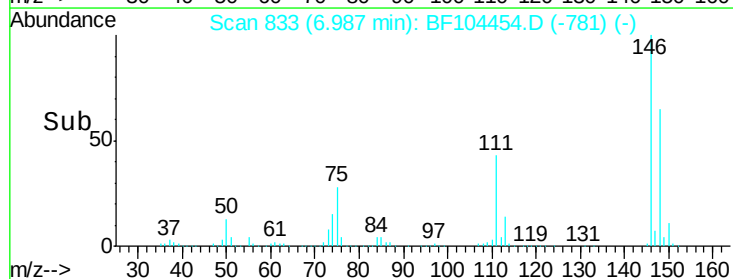
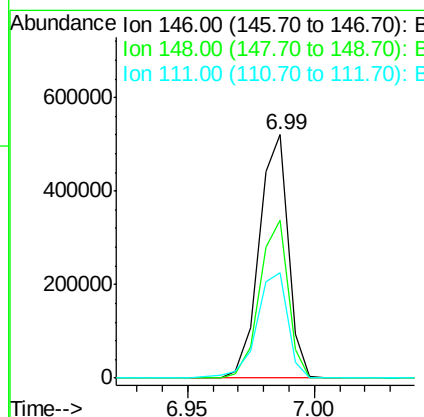
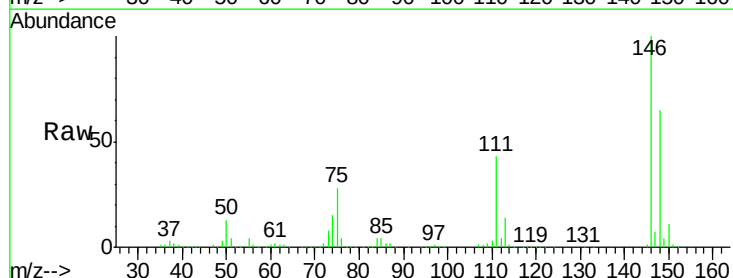
Manual Integrations
APPROVED

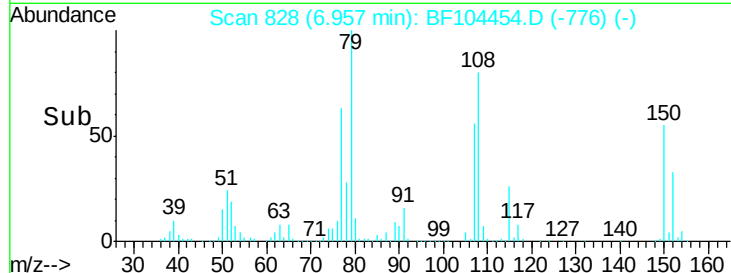
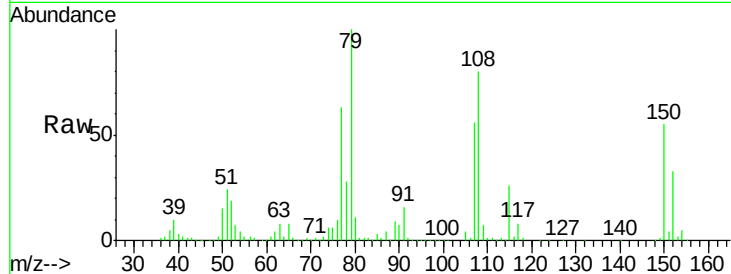
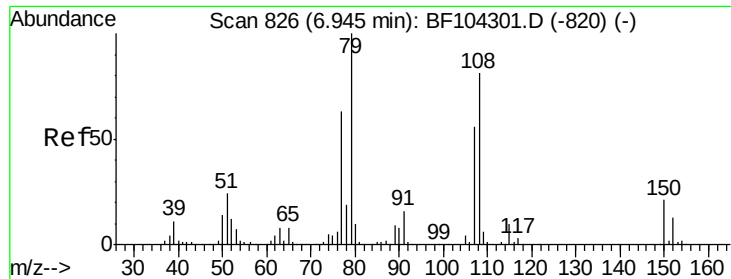
Sohil
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#14
1,2-Dichlorobenzene
Concen: 44.901 ng
RT: 6.99 min Scan# 833
Delta R.T. 0.01 min
Lab File: BF104454.D
Acq: 12 Apr 2018 16:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.6	75.8
111	43.5	36.0	54.0





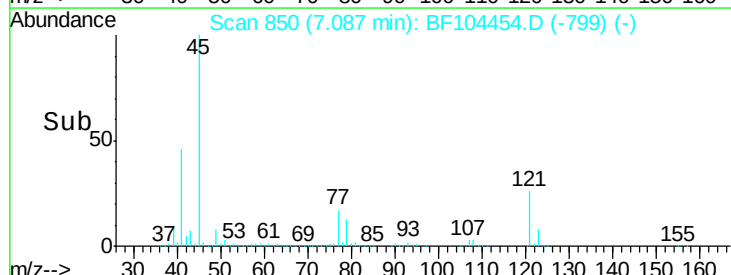
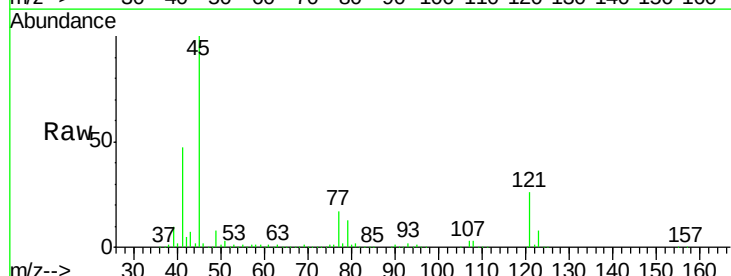
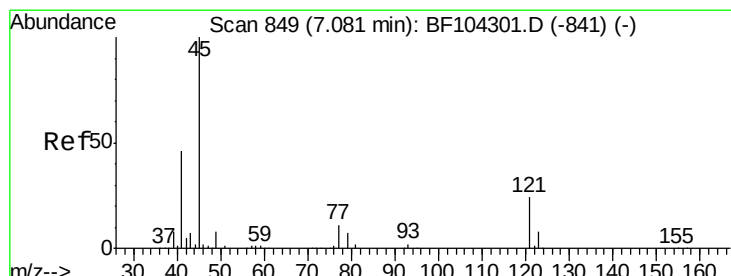
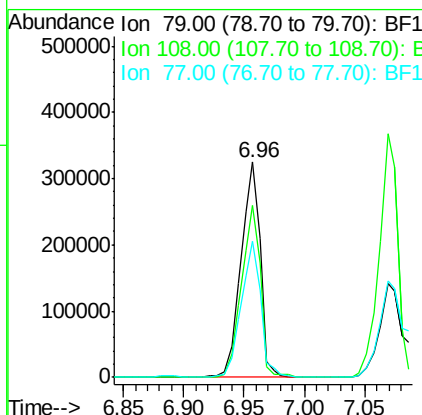
#15
Benzyl Alcohol
Concen: 46.241 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.01 min
Lab File: BF104454.D
Acq: 12 Apr 2018 16:42

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
108	79.8	65.1	97.7		
77	63.1	50.6	75.8		

Instrument :
BNA_F
ClientSampled :
S3MSD

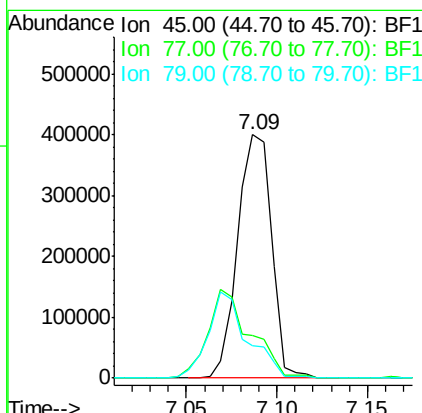
Manual Integrations
APPROVED

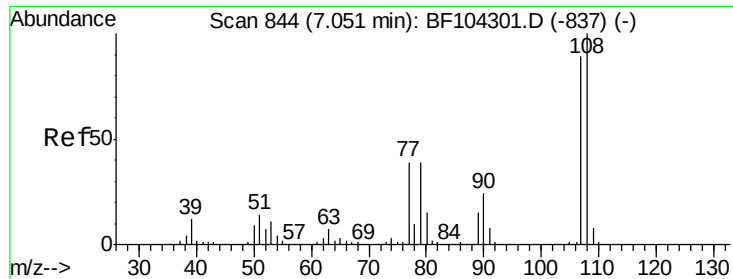
Sohil
4/13/2018 4:44:08 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.376 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF104454.D
Acq: 12 Apr 2018 16:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
45	100				
77	17.3	0.0	32.9		
79	13.2	0.0	29.6		





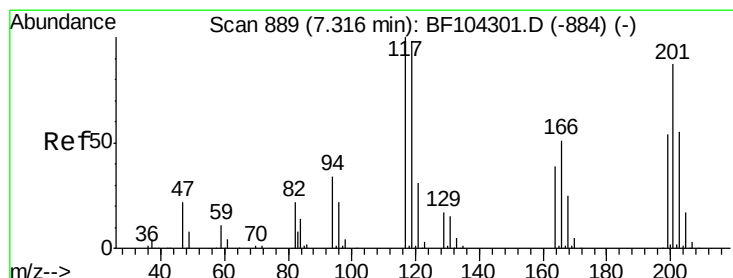
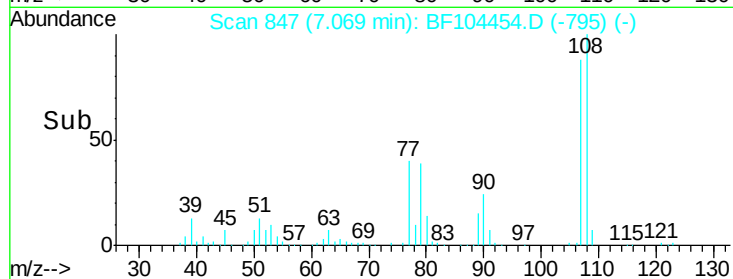
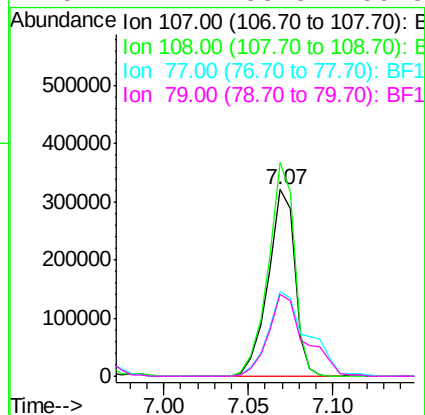
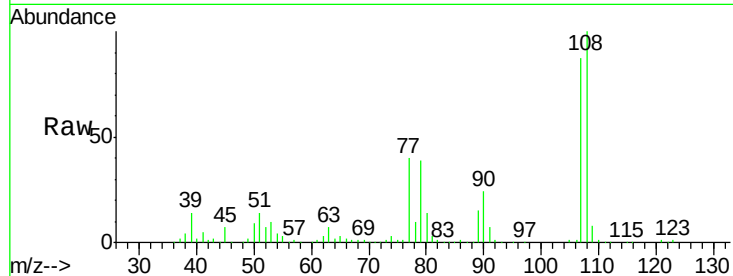
#17
2-Methylphenol
Concen: 45.780 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.01 min
Lab File: BF104454.D
Acq: 12 Apr 2018 16:42

Instrument :
BNA_F
ClientSampled :
S3MSD

Tot Ion:	107	Resp:	353408
Ion Ratio	Lower	Upper	
107	100		
108	114.4	91.7	137.5
77	45.3	33.8	50.8
79	44.1	33.8	50.8

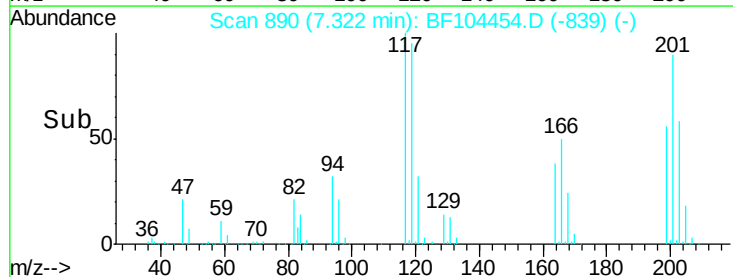
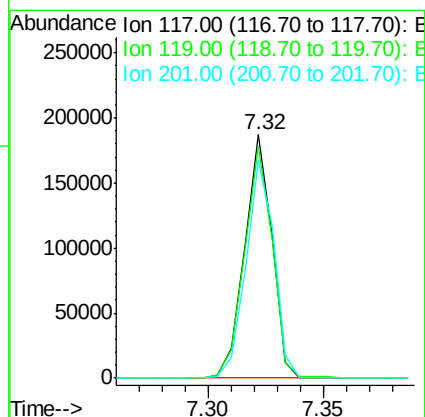
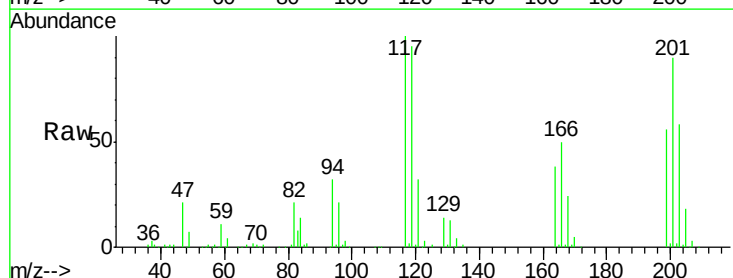
Manual Integrations
APPROVED

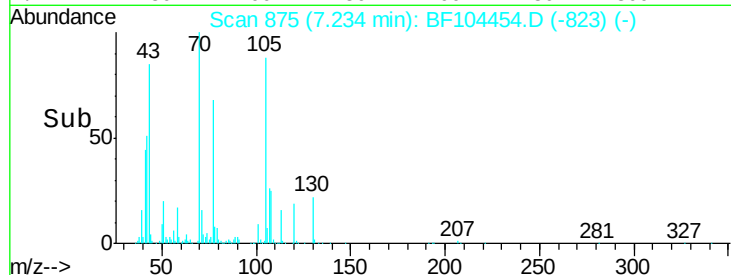
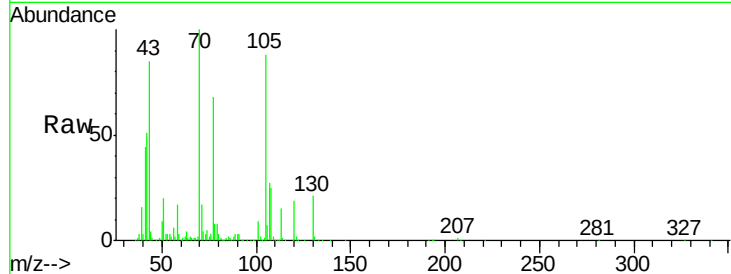
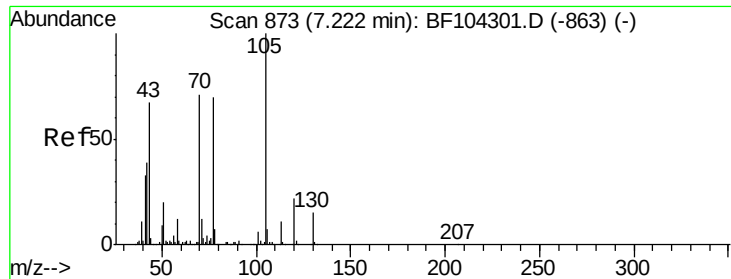
Sohil
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#18
Hexachloroethane
Concen: 43.166 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.00 min
Lab File: BF104454.D
Acq: 12 Apr 2018 16:42

Tgt Ion:	117	Resp:	154353
Ion Ratio	Lower	Upper	
117	100		
119	95.5	75.8	113.8
201	89.8	75.7	113.5





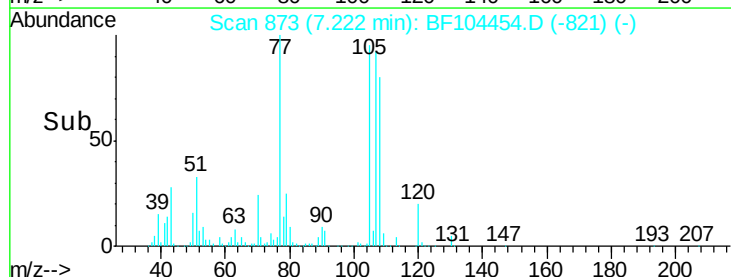
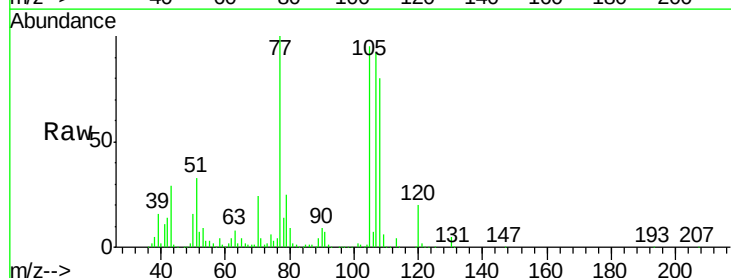
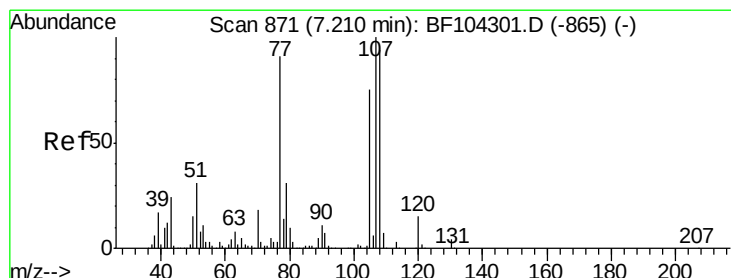
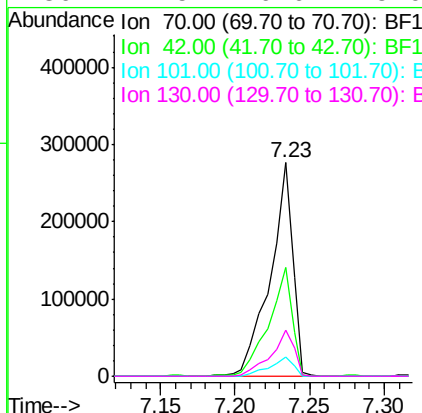
#19
n-Nitroso-di-n-propylamine
Concen: 42.816 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.01 min
Lab File: BF104454.D
Acq: 12 Apr 2018 16:42

Instrument :
BNA_F
ClientSampleId :
S3MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	50.9		47.5	71.3	
101	9.3		7.4	11.2	
130	21.5		16.6	25.0	

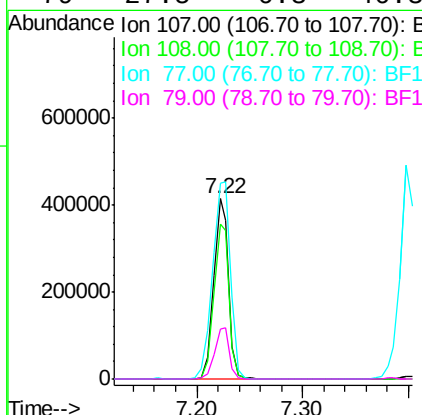
Manual Integrations
APPROVED

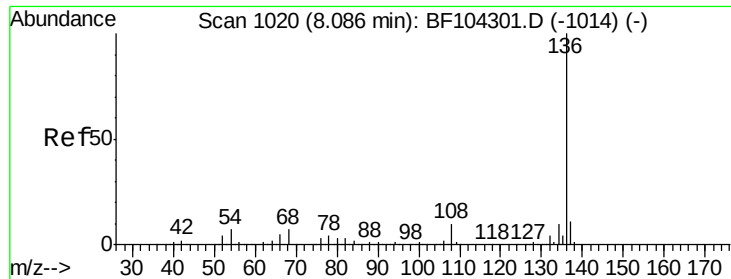
Sohil
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#20
3+4-Methylphenols
Concen: 43.231 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF104454.D
Acq: 12 Apr 2018 16:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	86.2		68.2	108.2	
77	108.5		26.7	66.7#	
79	27.5		6.3	46.3	





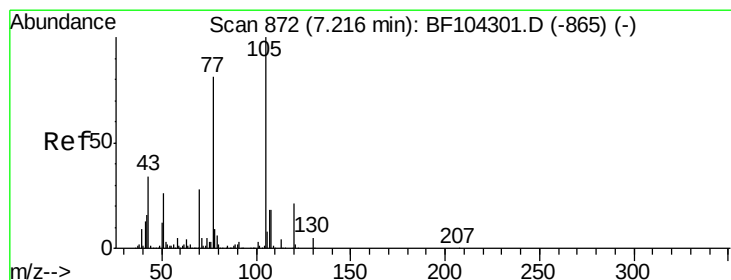
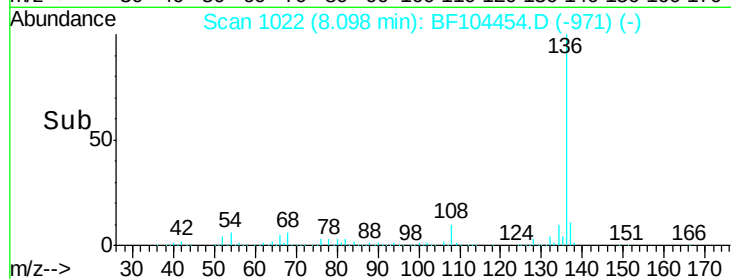
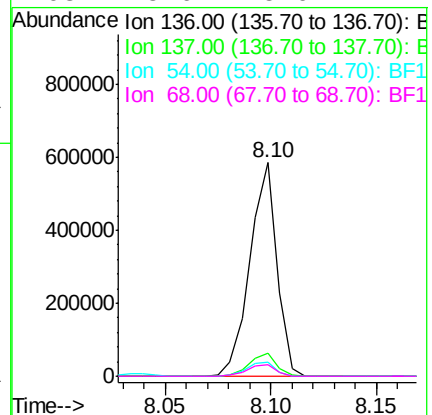
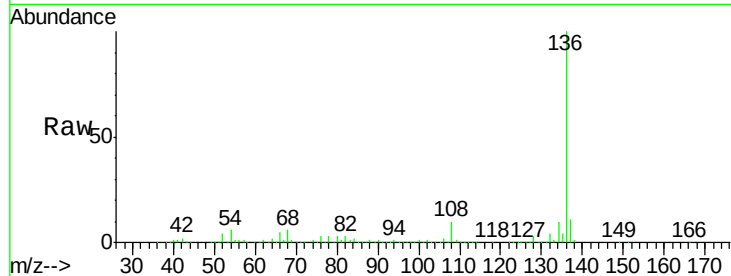
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF104454.D
Acq: 12 Apr 2018 16:42

Instrument :
BNA_F
ClientSampleId :
S3MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	11.1		8.9	13.3	
54	6.3		6.6	9.8	
68	5.6		5.0	7.4	

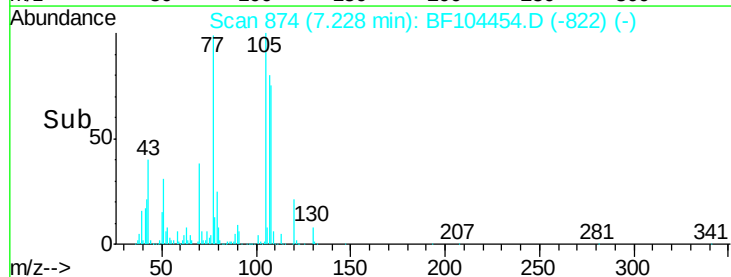
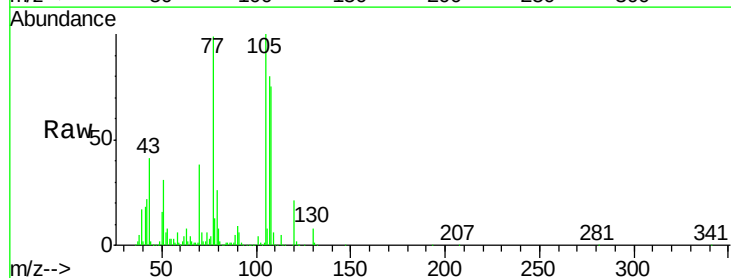
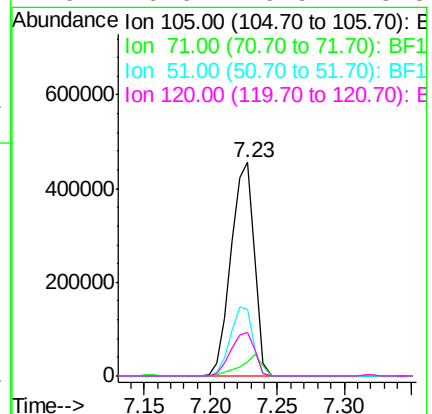
Manual Integrations
APPROVED

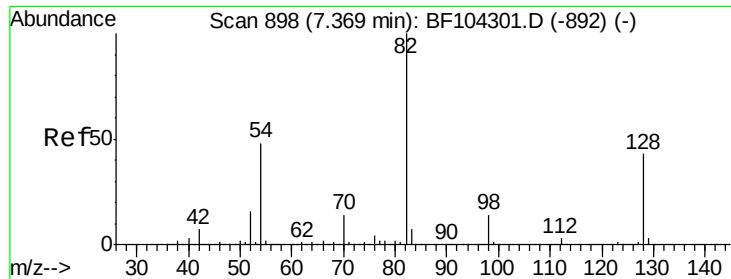
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#22
Acetophenone
Concen: 43.945 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF104454.D
Acq: 12 Apr 2018 16:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	6.5		4.4	6.6	
51	31.4		22.3	33.5	
120	20.6		16.9	25.3	





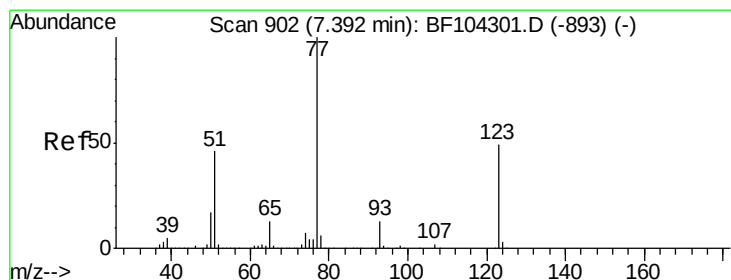
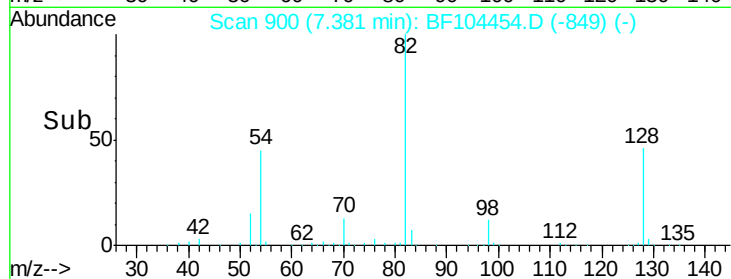
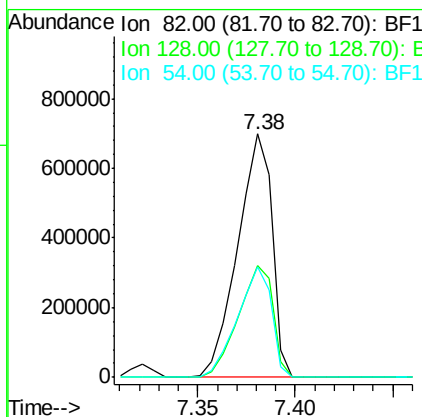
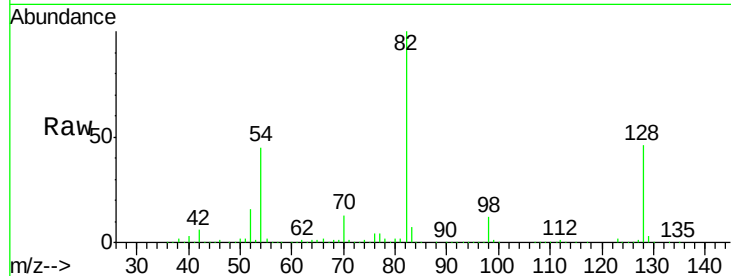
#23
Nitrobenzene-d5
Concen: 106.668 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF104454.D
Acq: 12 Apr 2018 16:42

Instrument :
BNA_F
ClientSampled :
S3MSD

Tot Ion	82	Resp	851201
Ion Ratio	100	Lower	Upper
82	100		
128	45.7	36.1	54.1
54	45.2	41.4	62.2

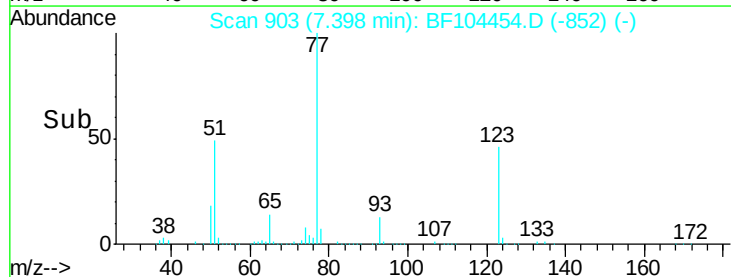
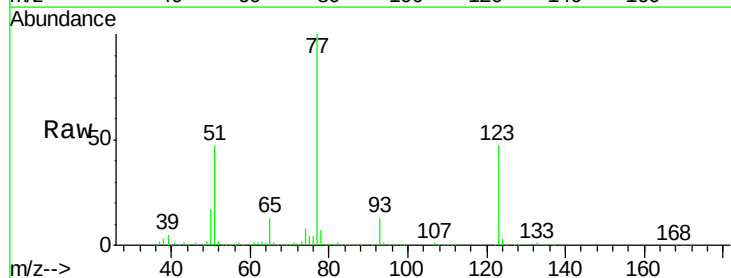
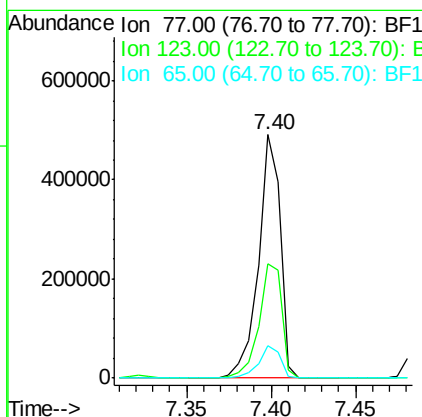
Manual Integrations
APPROVED

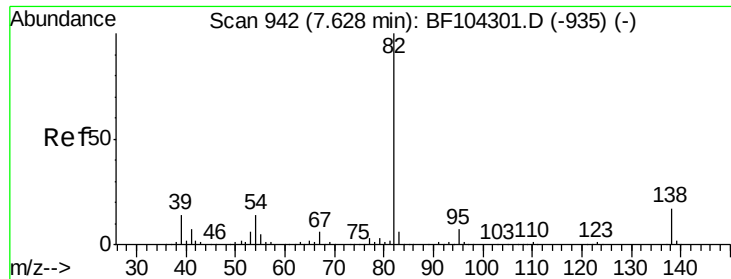
Sohil
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#24
Nitrobenzene
Concen: 50.089 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF104454.D
Acq: 12 Apr 2018 16:42

Tgt Ion	77	Resp	441304
Ion Ratio	100	Lower	Upper
77	100		
123	46.9	37.9	56.9
65	13.4	11.0	16.4





#25

Isophorone

Concen: 43.493 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.01 min

Lab File: BF104454.D

Acq: 12 Apr 2018 16:42

Instrument :

BNA_F

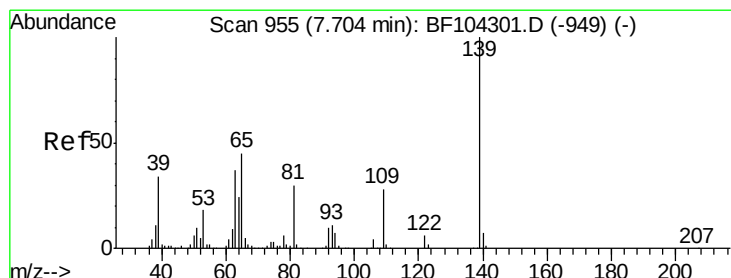
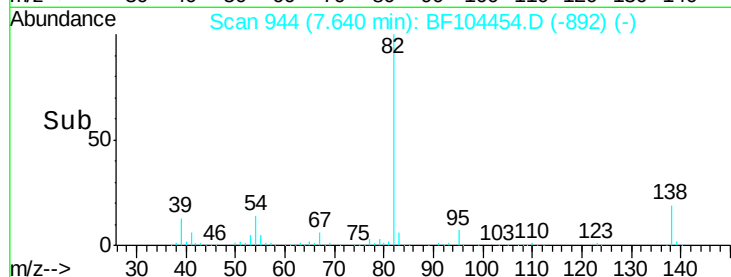
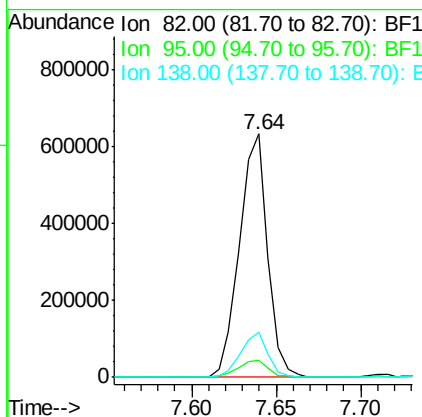
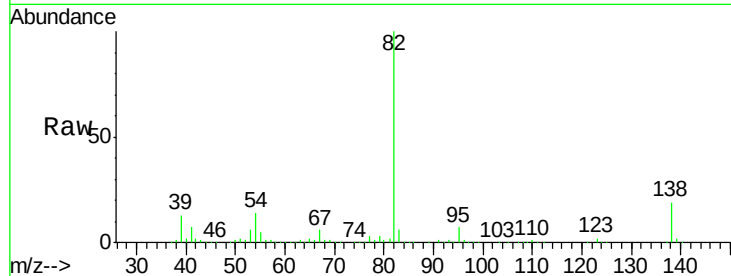
ClientSampled :

S3MSD

Tot Ion:	82	Resp:	733927
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.2	7.8
138	18.6	14.9	22.3

Manual Integrations
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4/13/2018 4:44:08 PM



#26

2-Nitrophenol

Concen: 66.236 ng

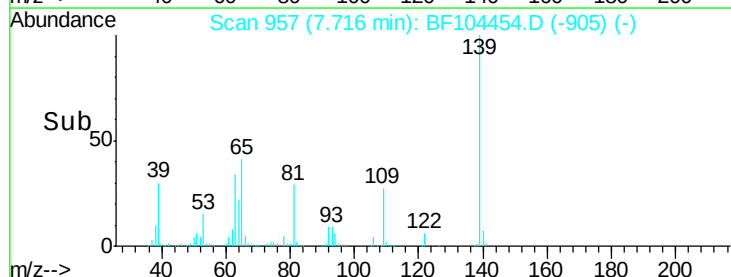
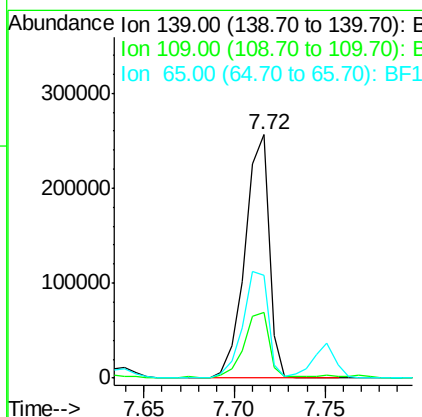
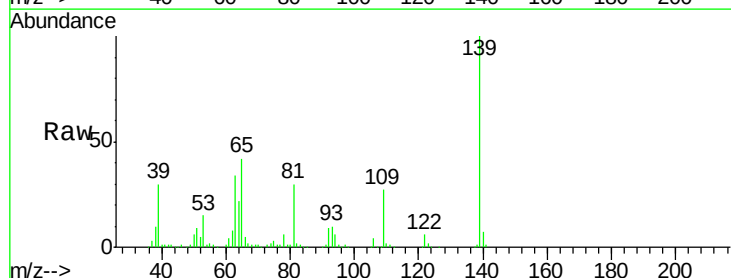
RT: 7.72 min Scan# 957

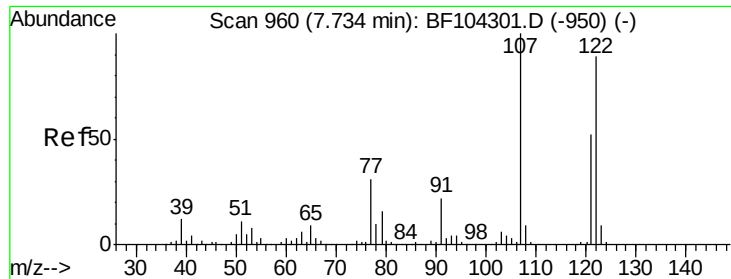
Delta R.T. 0.01 min

Lab File: BF104454.D

Acq: 12 Apr 2018 16:42

Tgt Ion:	139	Resp:	237569
Ion Ratio	Lower	Upper	
139	100		
109	26.9	22.7	34.1
65	42.1	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 45.325 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.01 min

Lab File: BF104454.D

Acq: 12 Apr 2018 16:42

Instrument :

BNA_F

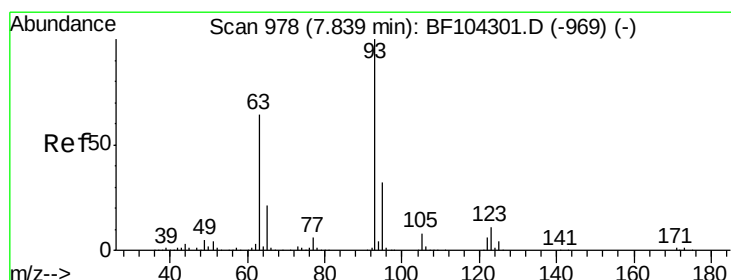
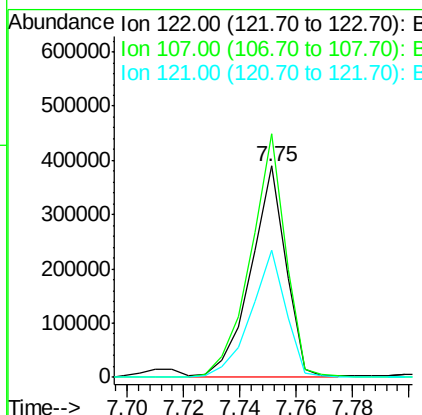
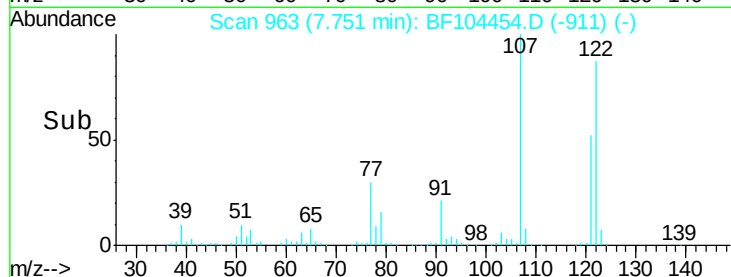
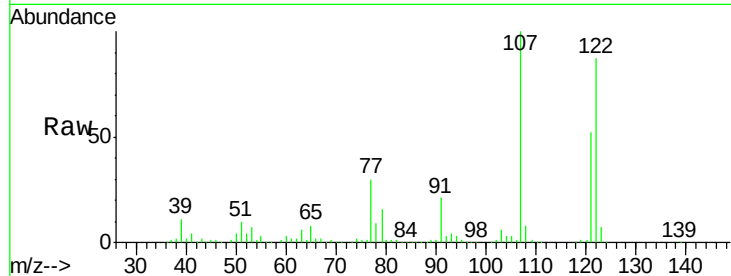
ClientSampled :

S3MSD

Tot Ion:	122	Resp:	337552
Ion Ratio	Lower	Upper	
122	100		
107	115.2	91.2	136.8
121	60.3	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 48.453 ng

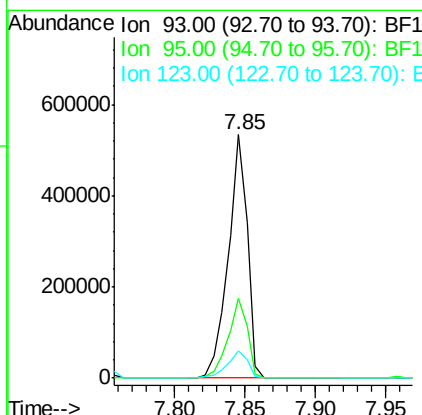
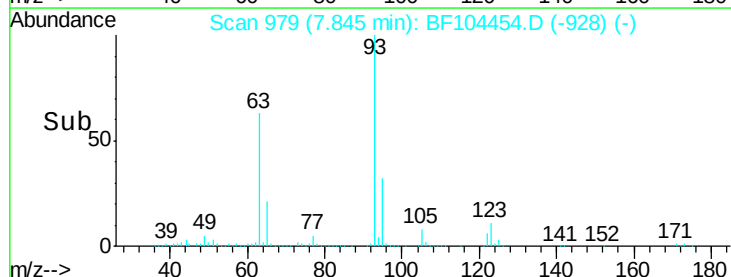
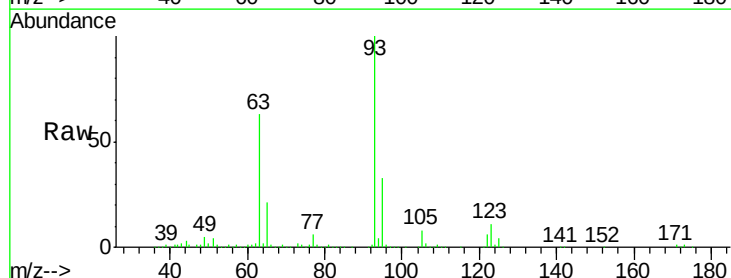
RT: 7.85 min Scan# 979

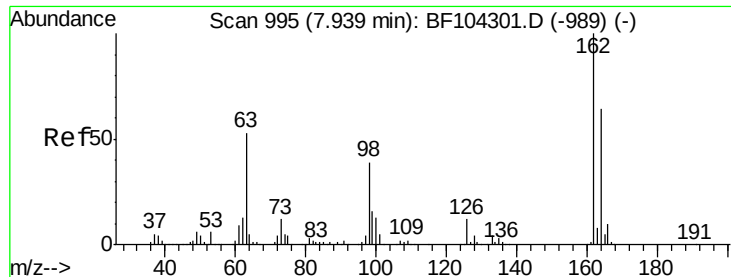
Delta R.T. 0.00 min

Lab File: BF104454.D

Acq: 12 Apr 2018 16:42

Tgt Ion:	93	Resp:	499900
Ion Ratio	Lower	Upper	
93	100		
95	32.7	26.3	39.5
123	11.1	9.8	14.6





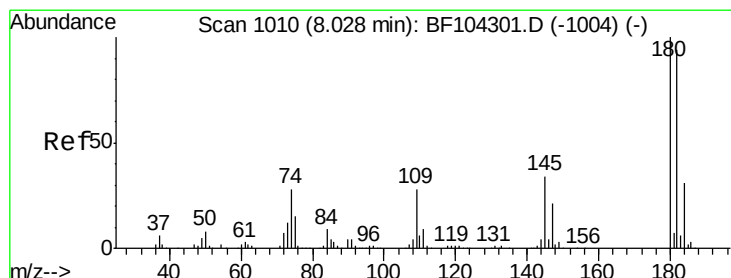
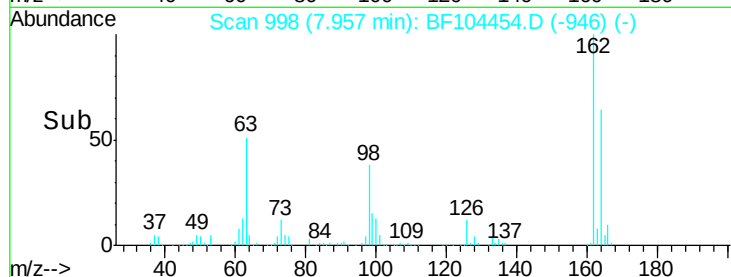
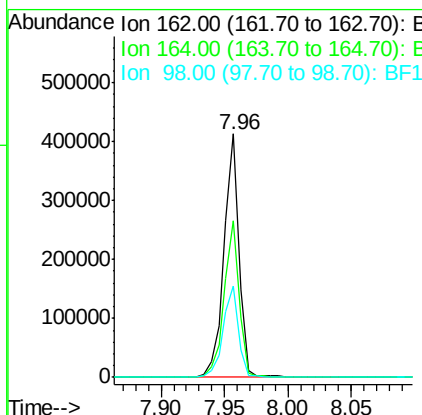
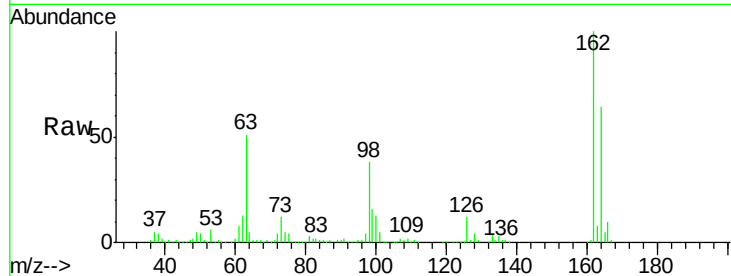
#29
 2,4-Dichlorophenol
 Concen: 48.263 ng
 RT: 7.96 min Scan# 998
 Delta R.T. 0.01 min
 Lab File: BF104454.D
 Acq: 12 Apr 2018 16:42

Instrument :
 BNA_F
 ClientSampled :
 S3MSD

Tot Ion:	162	Resp:	342949
Ion Ratio	Lower	Upper	
162	100		
164	64.3	42.7	82.7
98	37.7	18.1	58.1

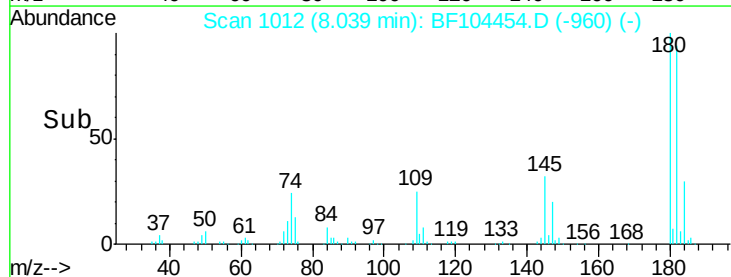
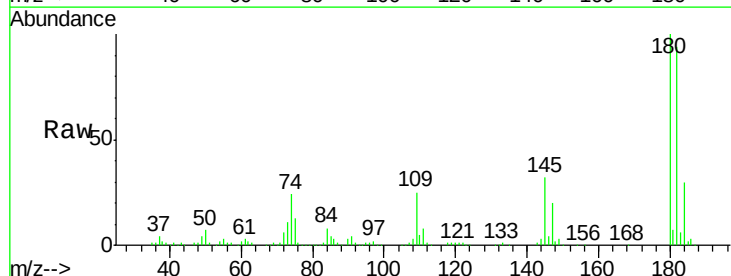
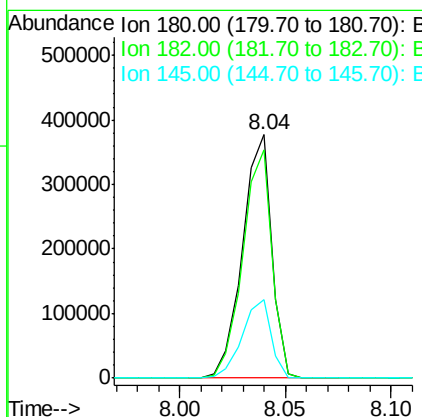
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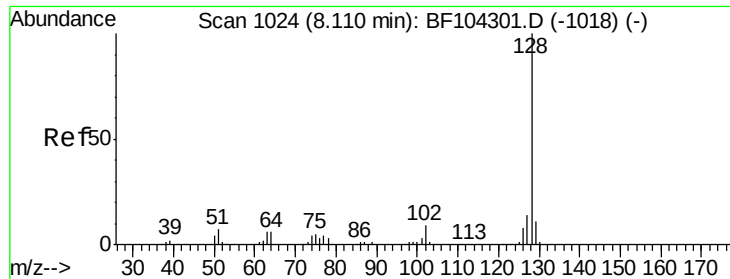
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#30
 1,2,4-Trichlorobenzene
 Concen: 46.294 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. 0.01 min
 Lab File: BF104454.D
 Acq: 12 Apr 2018 16:42

Tgt Ion:	180	Resp:	361014
Ion Ratio	Lower	Upper	
180	100		
182	93.7	76.8	115.2
145	32.0	26.5	39.7





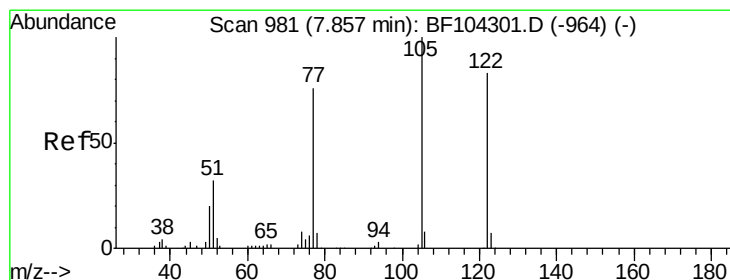
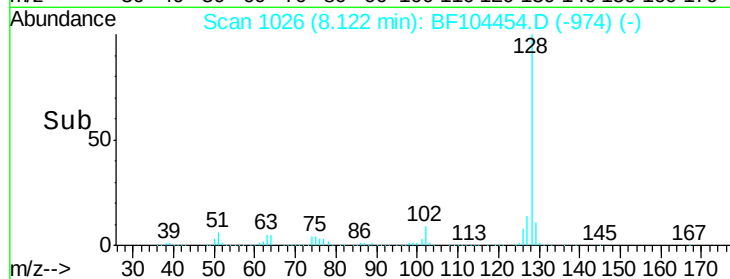
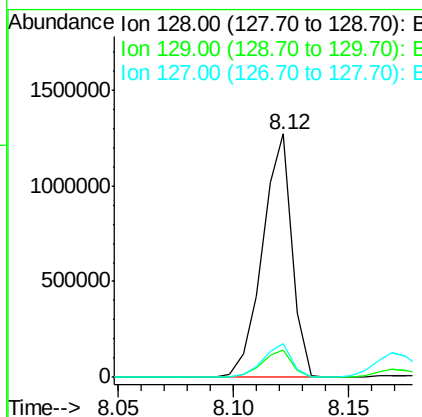
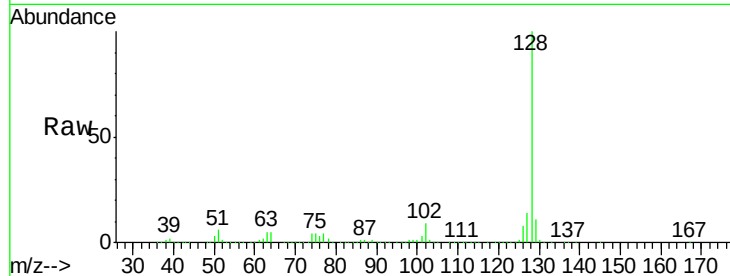
#31
Naphthalene
Concen: 43.654 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.01 min
Lab File: BF104454.D
Acq: 12 Apr 2018 16:42

Instrument :
BNA_F
ClientSampleId :
S3MSD

Tot Ion:128 Resp: 1132670
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.6 10.9 16.3

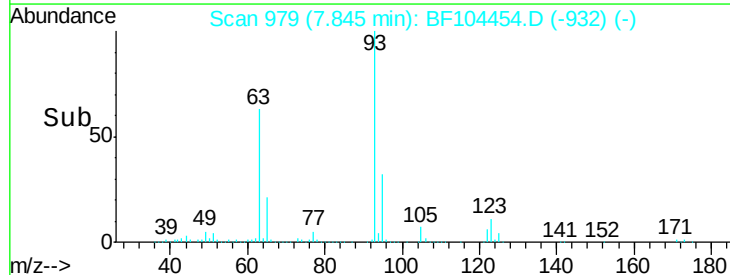
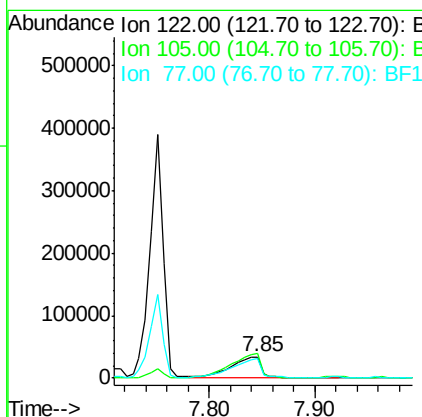
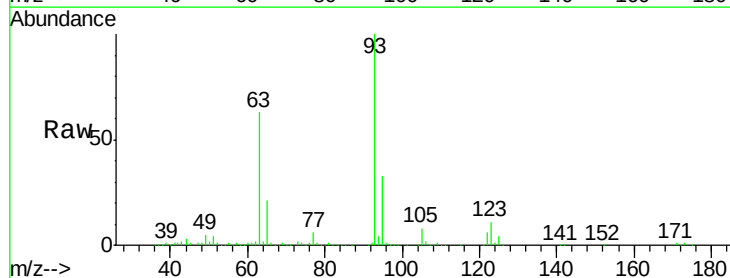
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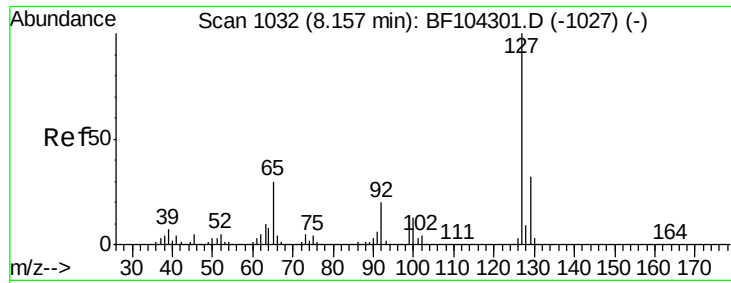
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#32
Benzoic acid
Concen: 11.585 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.02 min
Lab File: BF104454.D
Acq: 12 Apr 2018 16:42

Tgt Ion:122 Resp: 68841
Ion Ratio Lower Upper
122 100
105 118.3 101.1 141.1
77 91.3 70.7 110.7





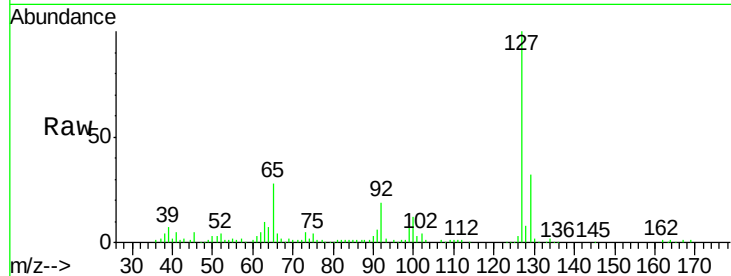
#33
4-Chloroaniline
Concen: 15.255 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF104454.D
Acq: 12 Apr 2018 16:42

Instrument :
BNA_F
ClientSampled :
S3MSD

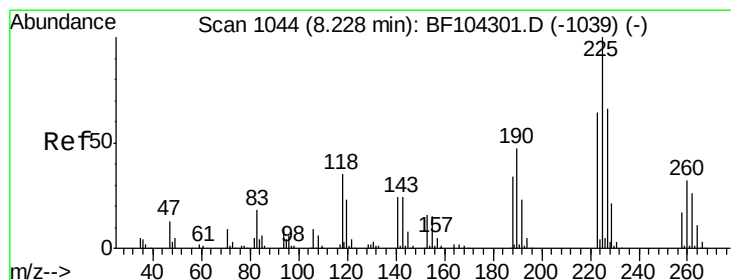
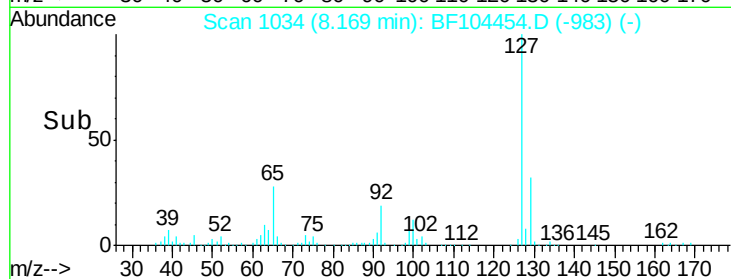
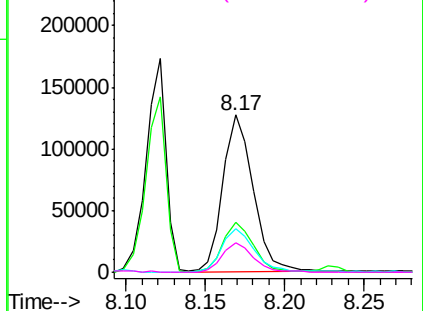
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.8	25.9	38.9		
65	28.0	25.0	37.4		
92	18.9	15.2	22.8		

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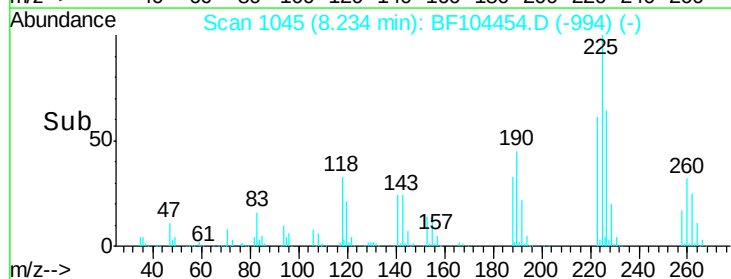
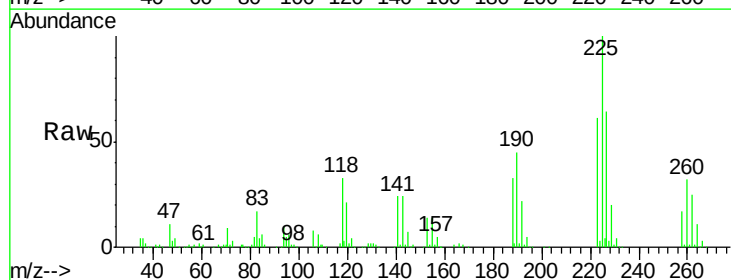
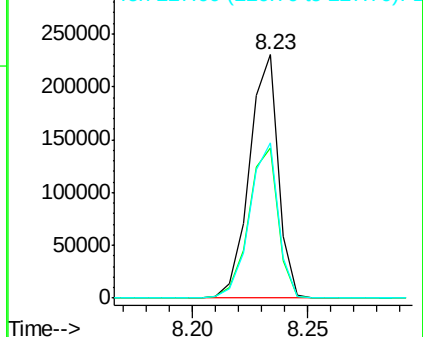
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

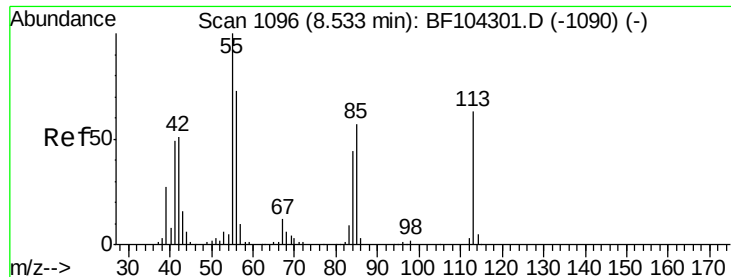


#34
Hexachlorobutadiene
Concen: 47.072 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF104454.D
Acq: 12 Apr 2018 16:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.5	50.6	76.0		
227	64.0	51.9	77.9		

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





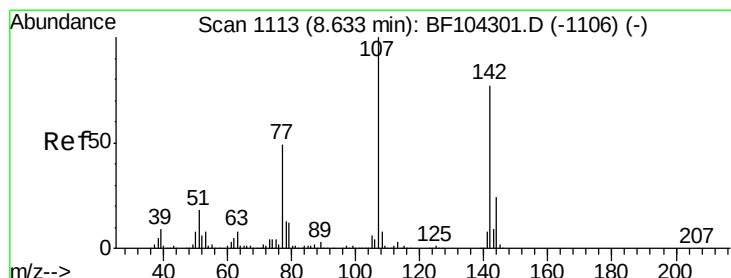
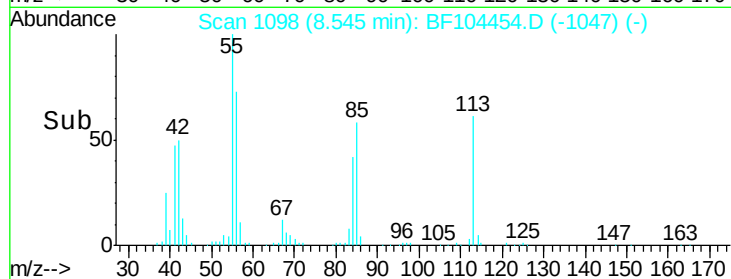
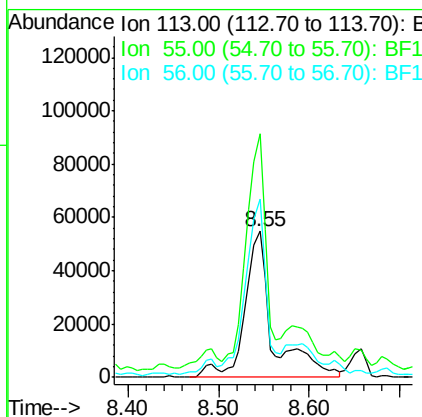
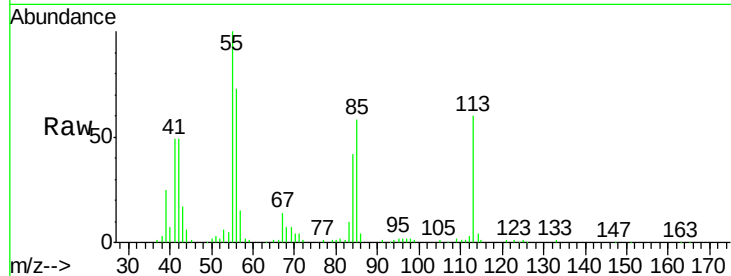
#35
 Caprolactam
 Concen: 47.195 ng/ml
 RT: 8.55 min Scan# 1098
 Delta R.T. 0.00 min
 Lab File: BF104454.D
 Acq: 12 Apr 2018 16:42

Instrument :
 BNA_F
 ClientSampleID :
 S3MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	166.5	163.3	203.3		
56	121.5	115.7	155.7		

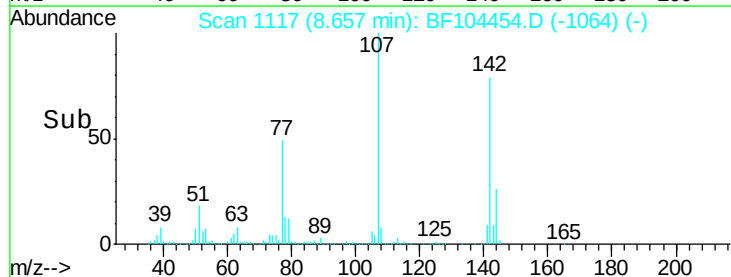
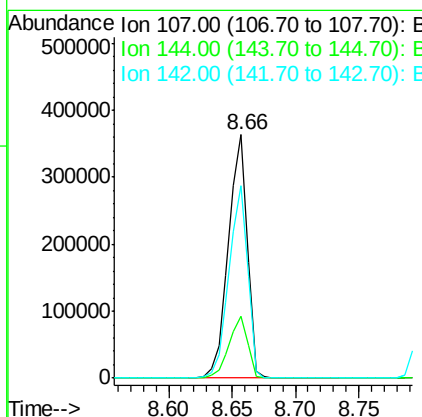
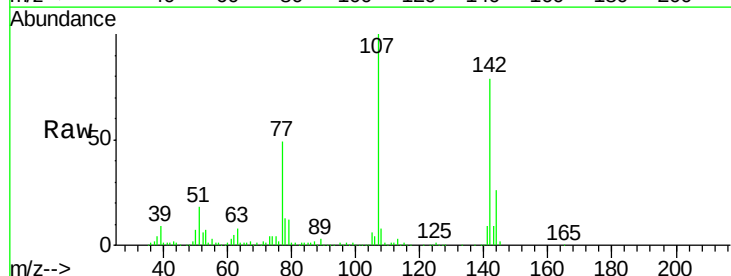
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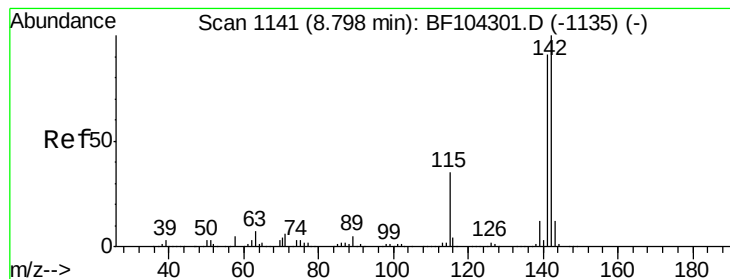
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#36
 4-Chloro-3-methylphenol
 Concen: 49.169 ng/ml
 RT: 8.66 min Scan# 1117
 Delta R.T. 0.01 min
 Lab File: BF104454.D
 Acq: 12 Apr 2018 16:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	25.7	20.5	30.7		
142	78.8	62.0	93.0		





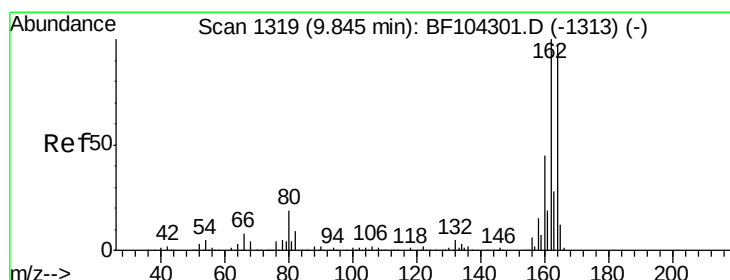
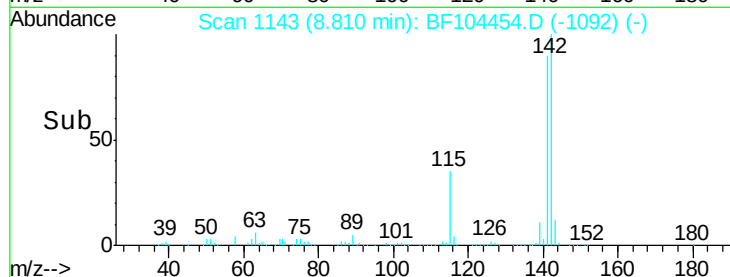
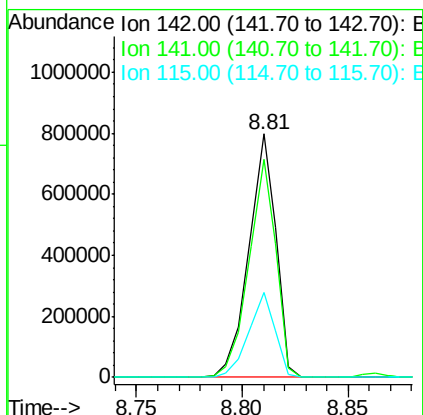
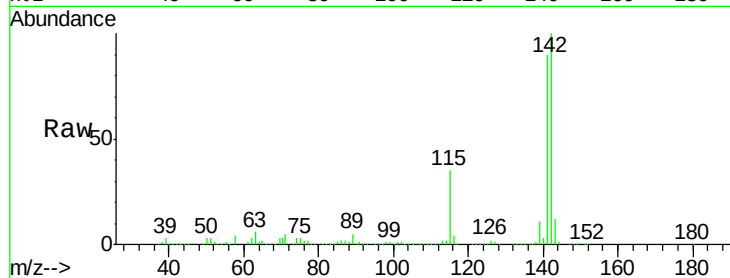
#37
2-Methylnaphthalene
Concen: 42.407 ng
RT: 8.81 min Scan# 1143
Delta R.T. 0.00 min
Lab File: BF104454.D
Acq: 12 Apr 2018 16:42

Instrument :
BNA_F
ClientSampled :
S3MSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	711733		
141	89.6		70.8	106.2
115	34.8		26.1	39.1

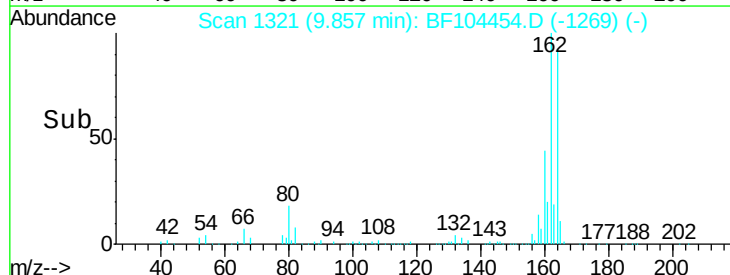
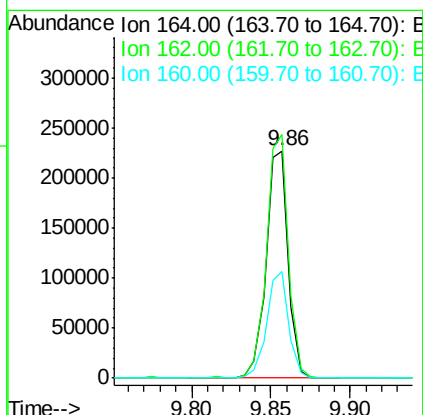
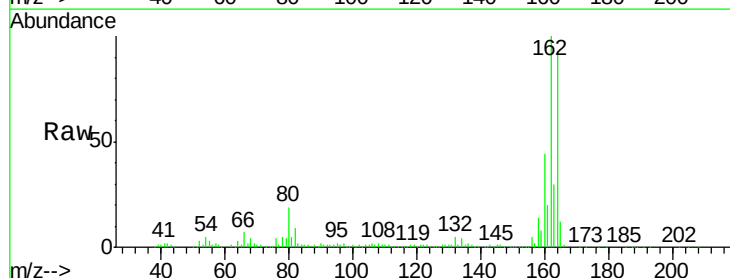
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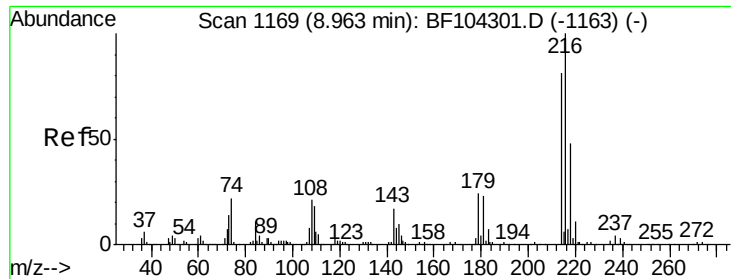
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.01 min
Lab File: BF104454.D
Acq: 12 Apr 2018 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	222887		
162	107.2		86.1	129.1
160	46.8		38.3	57.5





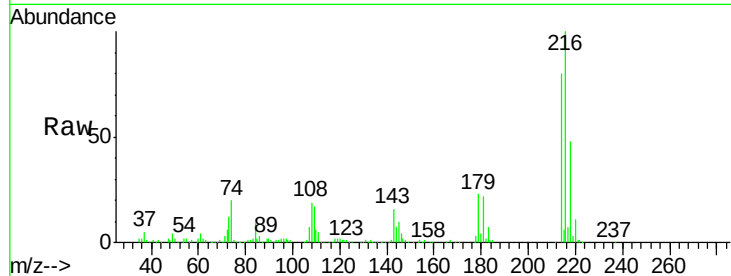
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 49.614 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. 0.00 min
 Lab File: BF104454.D
 Acq: 12 Apr 2018 16:42

Instrument :
 BNA_F
 ClientSampled :
 S3MSD

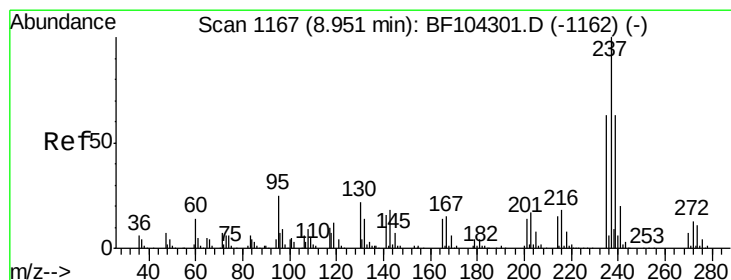
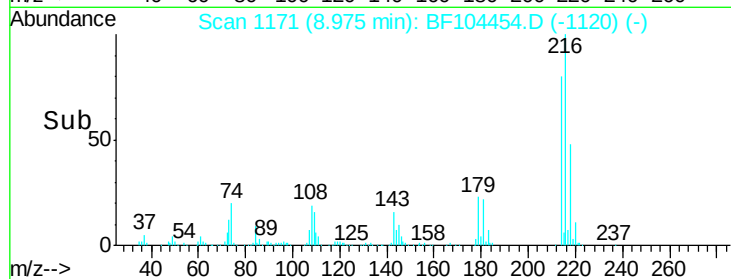
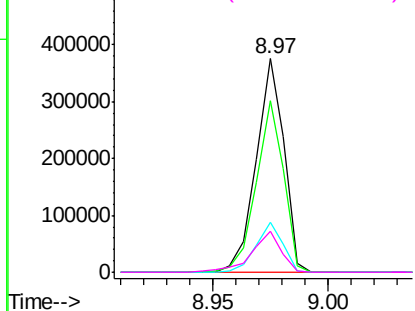
Tot Ion:	216	Resp:	316551
Ion Ratio	Lower	Upper	
216	100		
214	78.9	63.0	94.4
179	22.9	18.1	27.1
108	20.3	17.2	25.8

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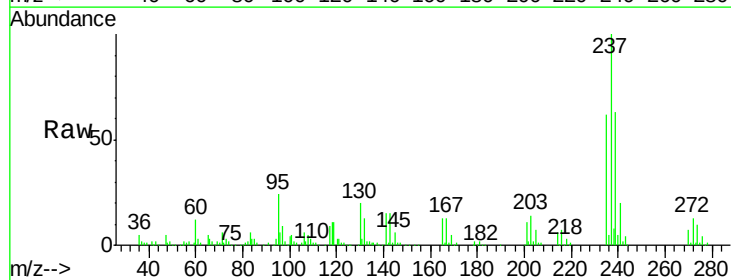


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

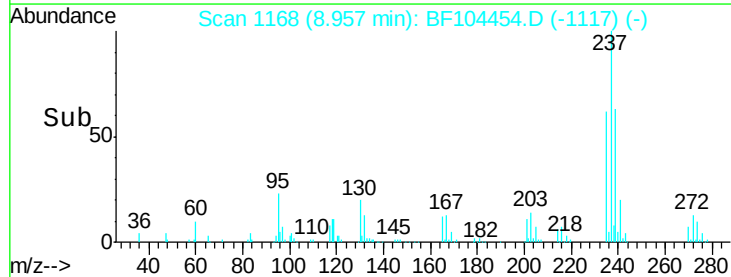
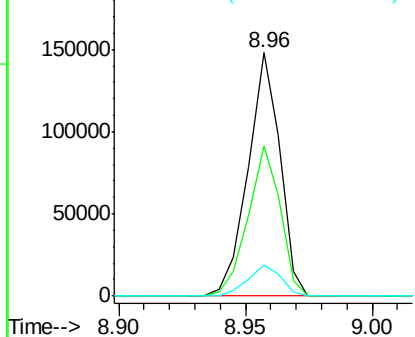


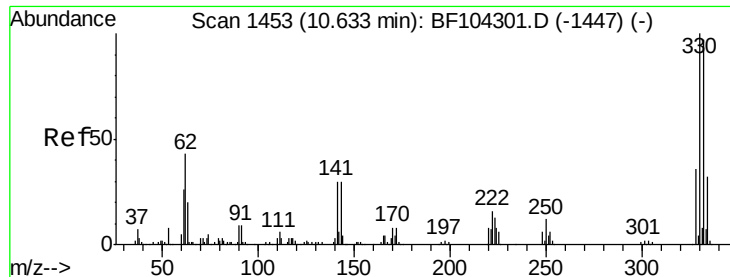
#40
 Hexachlorocyclopentadiene
 Concen: 36.445 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. 0.00 min
 Lab File: BF104454.D
 Acq: 12 Apr 2018 16:42

Tgt Ion:	237	Resp:	130177
Ion Ratio	Lower	Upper	
237	100		
235	61.7	44.8	84.8
272	12.9	0.0	33.3



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





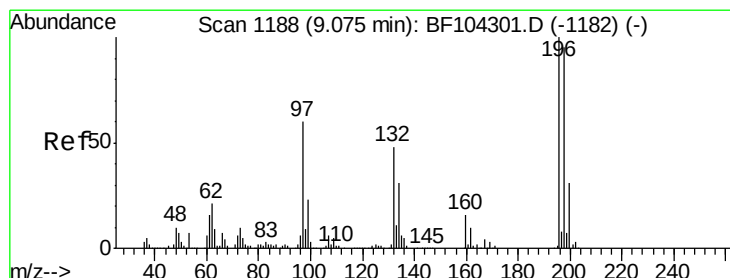
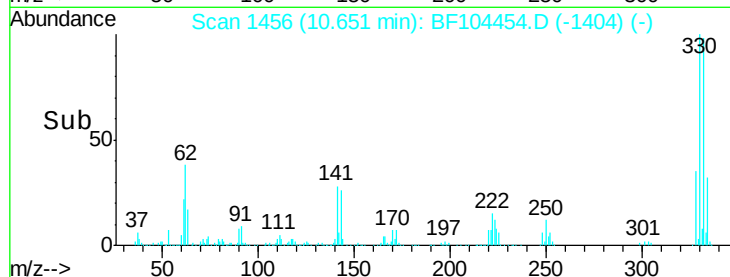
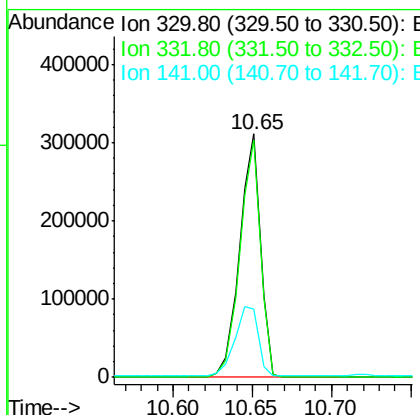
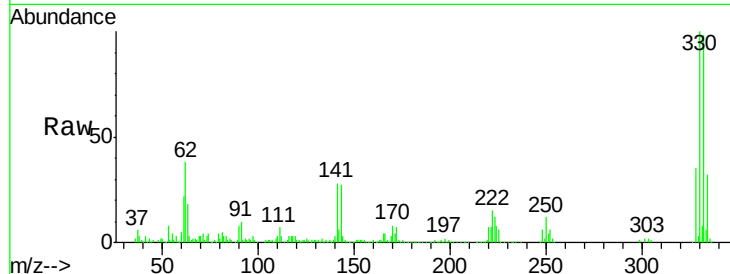
#41
 2,4,6-Tribromophenol
 Concen: 122.530 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. 0.01 min
 Lab File: BF104454.D
 Acq: 12 Apr 2018 16:42

Instrument :
 BNA_F
 ClientSampleId :
 S3MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	283297		
332	96.3	77.0	115.6	
141	32.4	29.9	44.9	

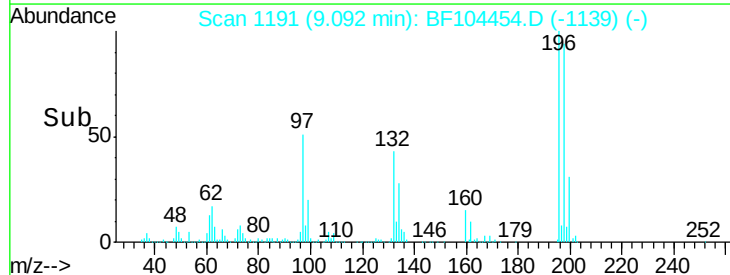
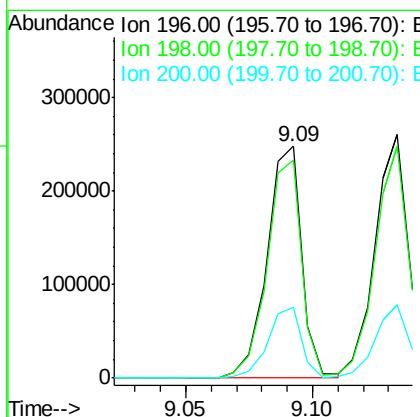
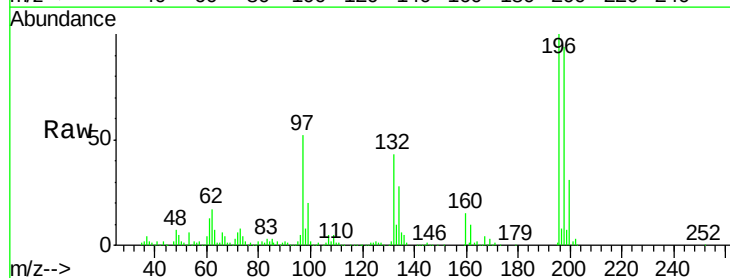
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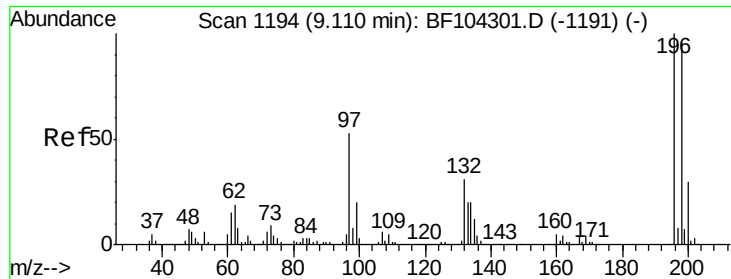
Sohil
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#42
 2,4,6-Trichlorophenol
 Concen: 53.906 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF104454.D
 Acq: 12 Apr 2018 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	238756		
198	94.2	75.7	113.5	
200	30.7	24.5	36.7	





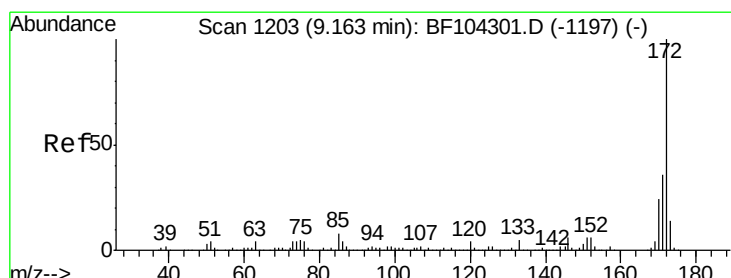
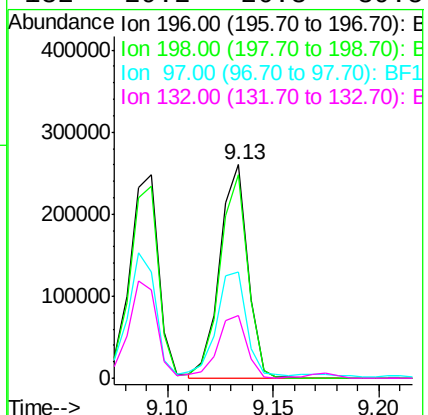
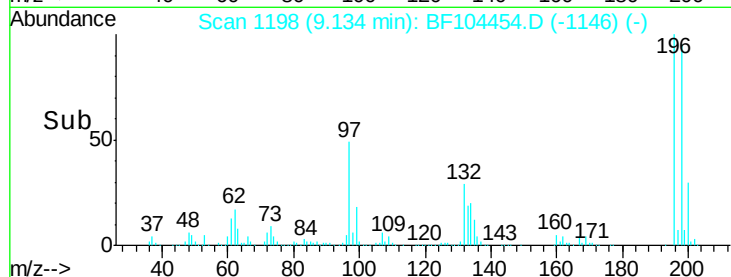
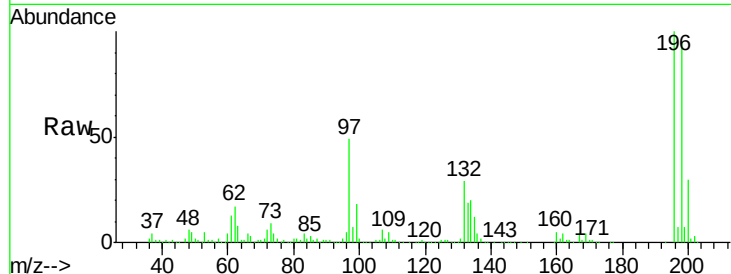
#43
 2,4,5-Trichlorophenol
 Concen: 48.266 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF104454.D
 Acq: 12 Apr 2018 16:42

Instrument :
 BNA_F
 ClientSampled :
 S3MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	239224		
198	95.4	74.6	112.0	
97	49.5	42.9	64.3	
132	29.2	26.3	39.5	

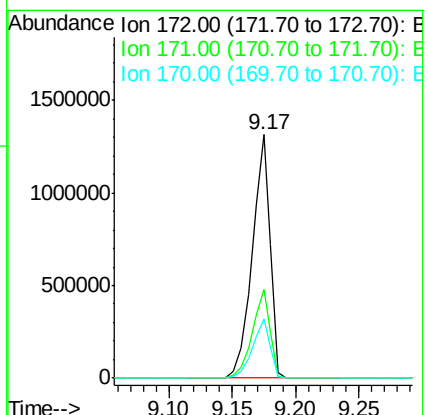
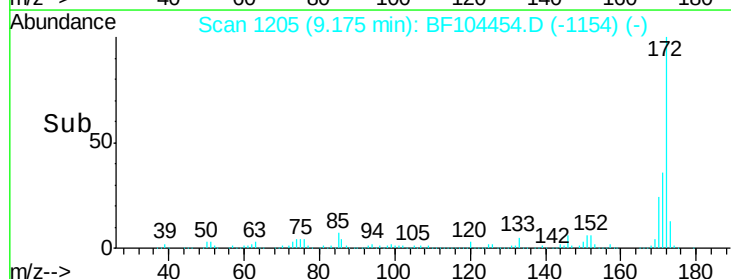
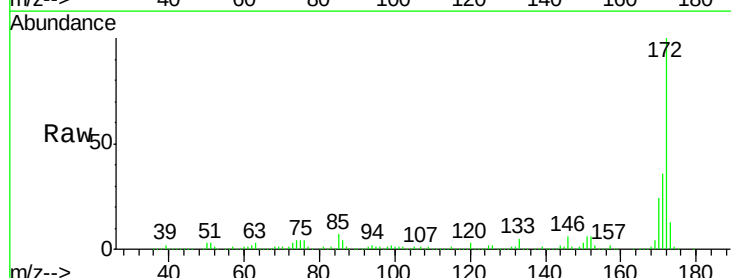
Manual Integrations
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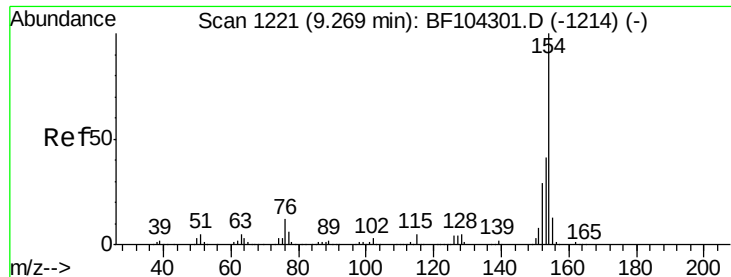
Sohil
 4/13/2018 4:44:08 PM



#44
 2-Fluorobiphenyl
 Concen: 91.581 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF104454.D
 Acq: 12 Apr 2018 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1292113		
171	36.5	29.7	44.5	
170	24.3	19.6	29.4	





#45

1,1'-Biphenyl

Concen: 47.780 ng

RT: 9.27 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BF104454.D

Acq: 12 Apr 2018 16:42

Instrument :

BNA_F

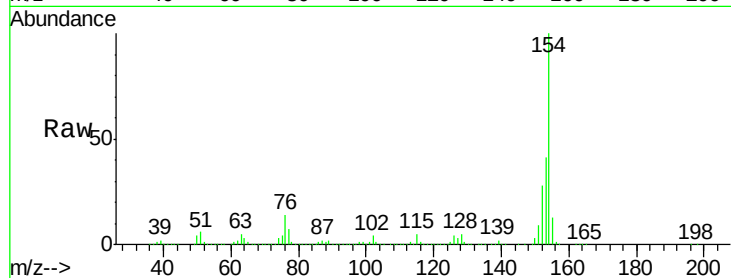
ClientSampled :

S3MSD

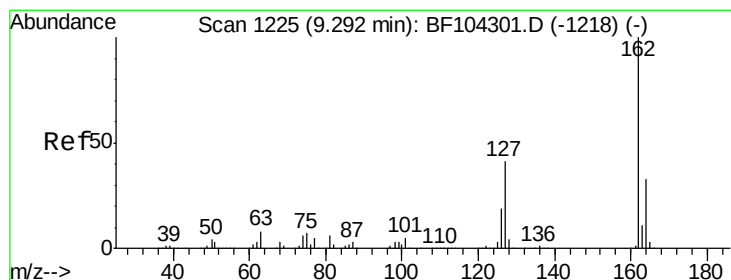
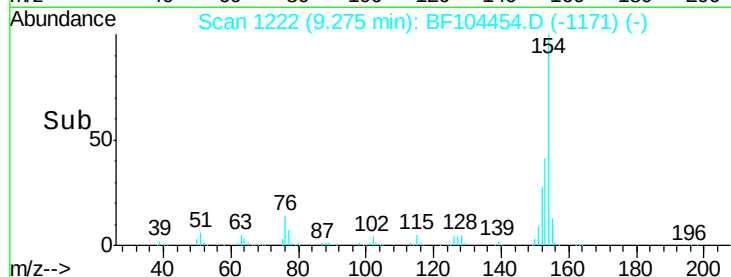
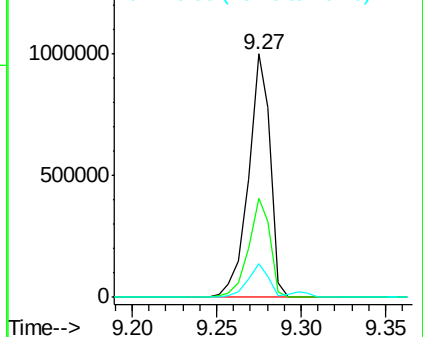
Tot Ion:	154	Resp:	894632
Ion Ratio	Lower	Upper	
154	100		
153	40.7	21.3	61.3
76	13.6	0.0	34.0

Manual Integrations
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 47.607 ng

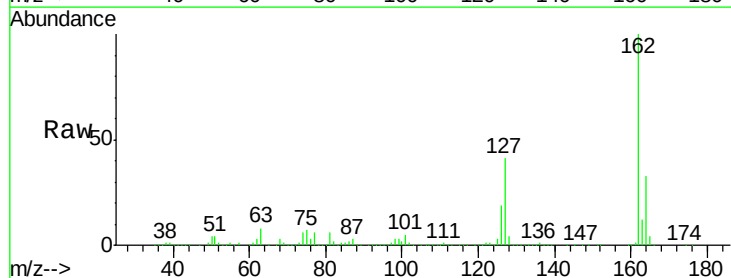
RT: 9.30 min Scan# 1227

Delta R.T. 0.01 min

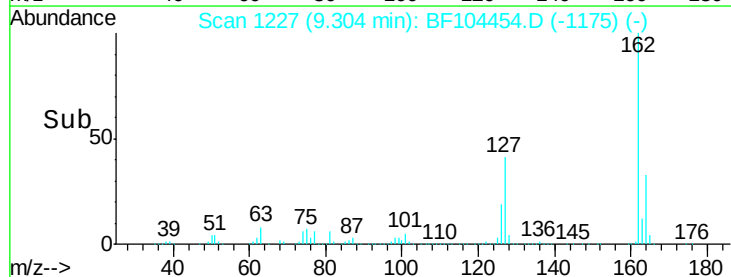
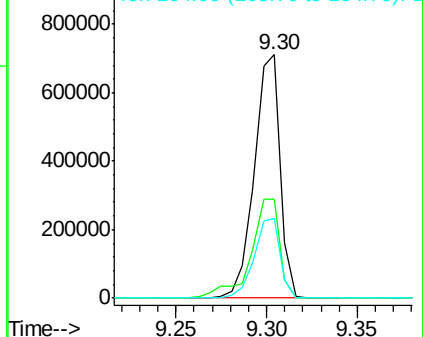
Lab File: BF104454.D

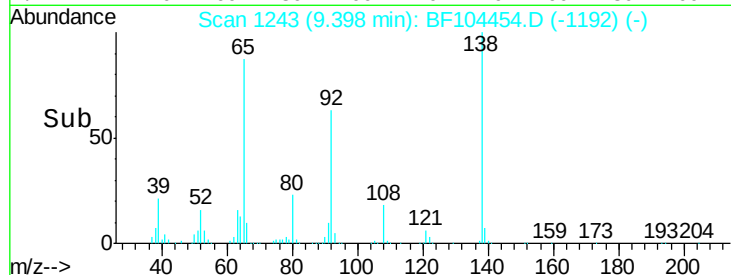
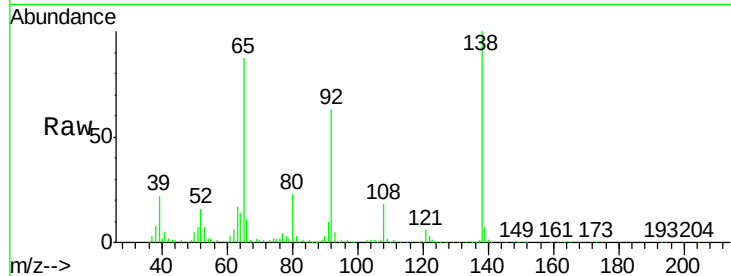
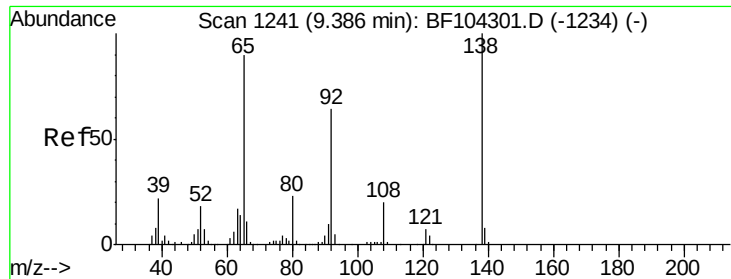
Acq: 12 Apr 2018 16:42

Tgt Ion:	162	Resp:	704091
Ion Ratio	Lower	Upper	
162	100		
127	40.7	33.9	50.9
164	32.9	26.5	39.7



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





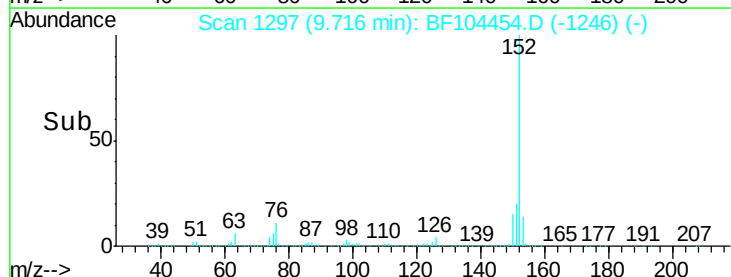
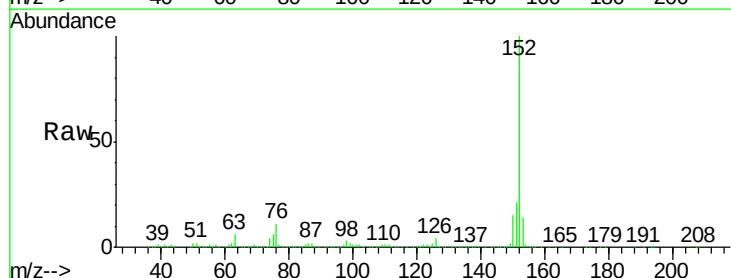
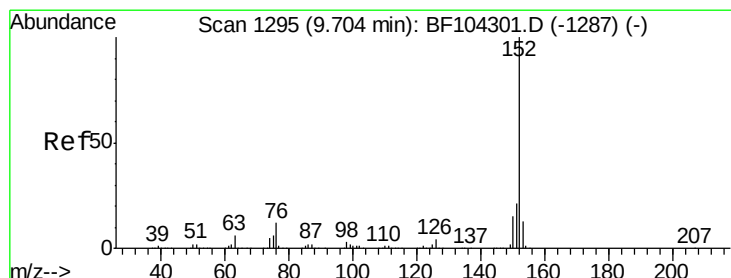
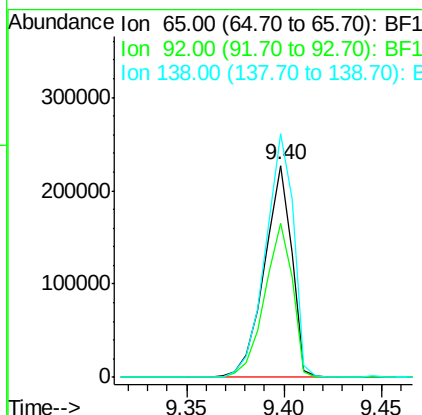
#47
2-Nitroaniline
Concen: 60.155 ng
RT: 9.40 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BF104454.D
Acq: 12 Apr 2018 16:42

Tot Ion	Ratio	Resp	Lower	Upper
65	100	220015		
92	72.5		55.8	83.6
138	114.7		91.2	136.8

Instrument :
BNA_F
ClientSampleId :
S3MSD

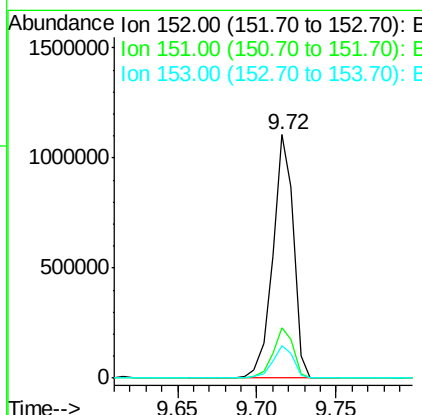
Manual Integrations
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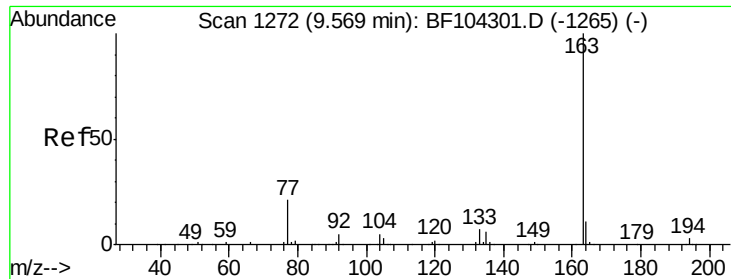
Sohil
4/13/2018 4:44:08 PM



#48
Acenaphthylene
Concen: 43.271 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BF104454.D
Acq: 12 Apr 2018 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1004091		
151	20.5		16.3	24.5
153	13.5		10.7	16.1





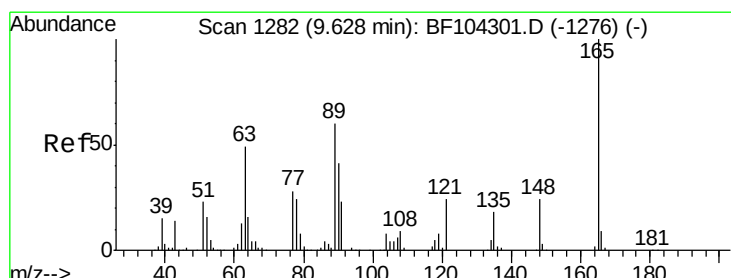
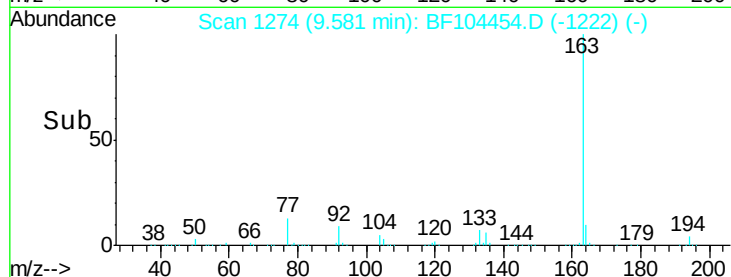
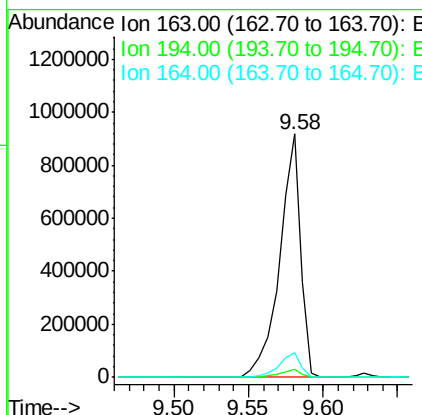
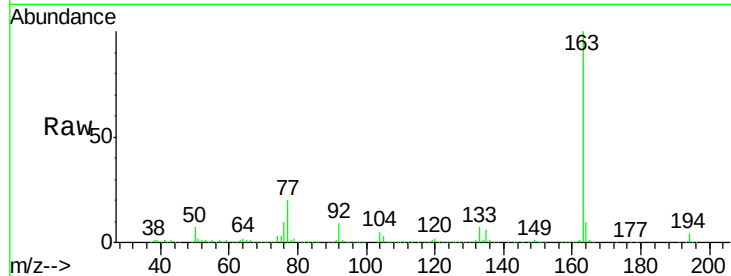
#49
Dimethylphthalate
Concen: 51.548 ng
RT: 9.58 min Scan# 1274
Delta R.T. 0.01 min
Lab File: BF104454.D
Acq: 12 Apr 2018 16:42

Instrument :
BNA_F
ClientSampleId :
S3MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.6	2.7	4.1	
164	10.0	8.2	12.2	

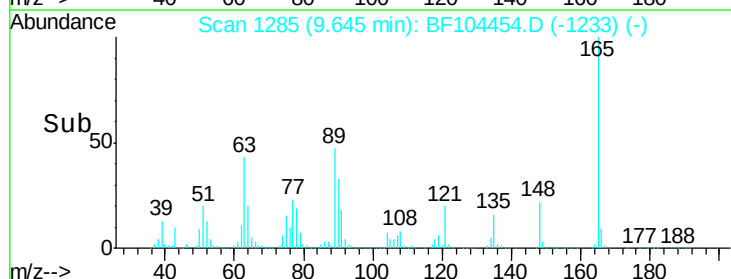
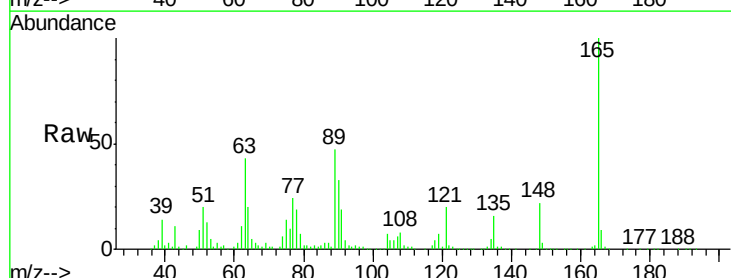
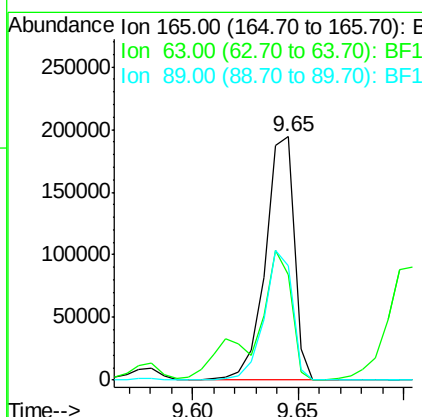
Manual Integrations
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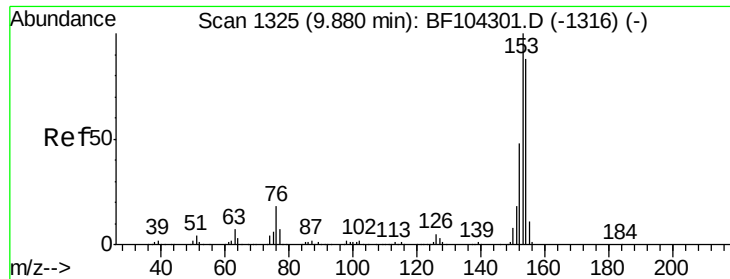
Sohil
4/13/2018 4:44:08 PM



#50
2,6-Dinitrotoluene
Concen: 56.431 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.01 min
Lab File: BF104454.D
Acq: 12 Apr 2018 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	43.5	44.7	67.1#	
89	47.2	44.0	66.0	





#51

Acenaphthene

Concen: 43.633 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.01 min

Lab File: BF104454.D

Acq: 12 Apr 2018 16:42

Instrument :

BNA_F

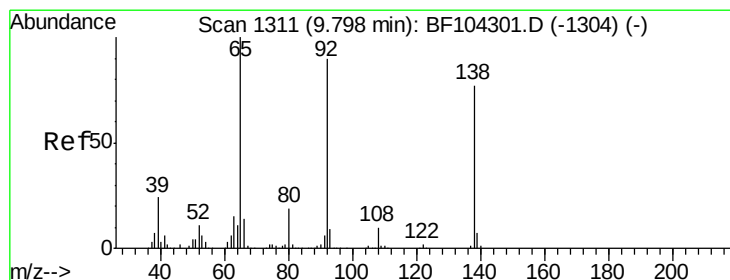
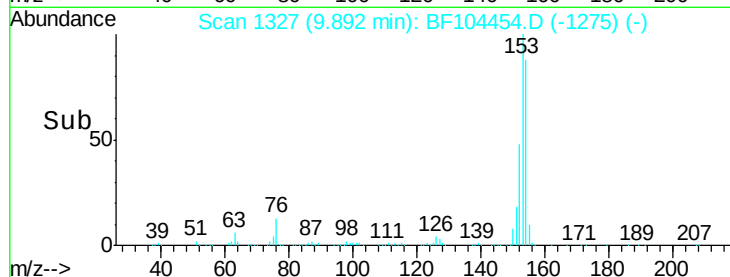
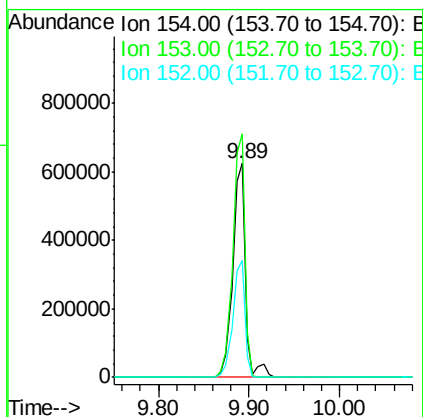
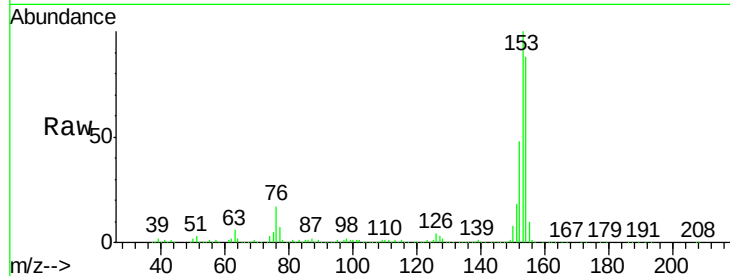
ClientSampleId :

S3MSD

Tot Ion:	154	Resp:	617751
Ion Ratio	Lower	Upper	
154	100		
153	114.0	91.2	136.8
152	54.5	43.8	65.8

Manual Integrations
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Sohil
4/13/2018 4:44:08 PM



#52

3-Nitroaniline

Concen: 34.264 ng

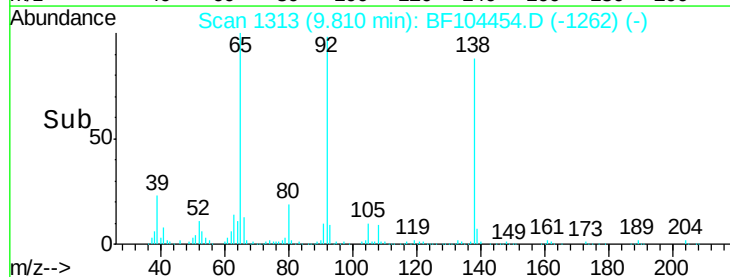
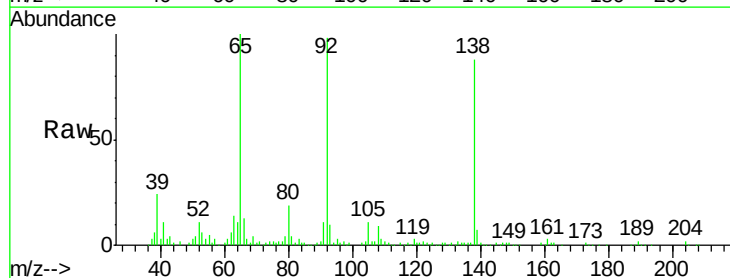
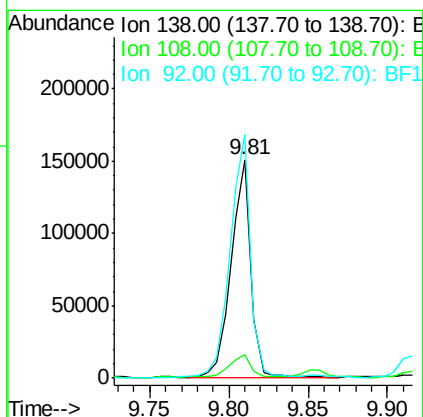
RT: 9.81 min Scan# 1313

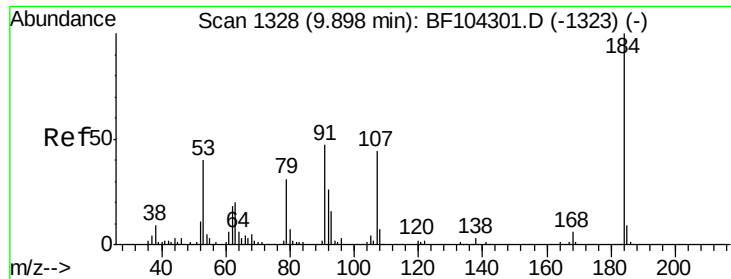
Delta R.T. 0.00 min

Lab File: BF104454.D

Acq: 12 Apr 2018 16:42

Tgt Ion:	138	Resp:	130459
Ion Ratio	Lower	Upper	
138	100		
108	10.7	9.4	14.0
92	111.6	89.4	134.2





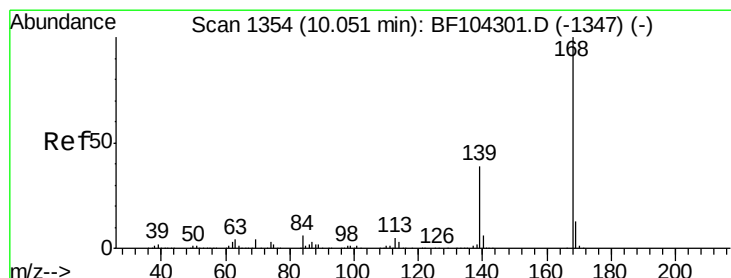
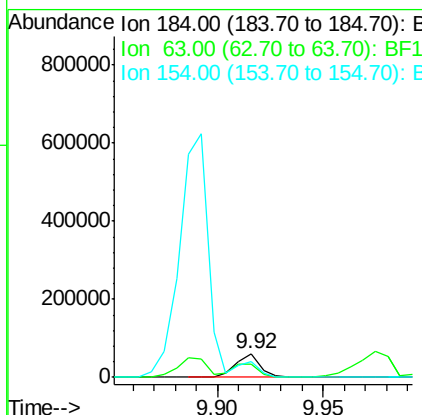
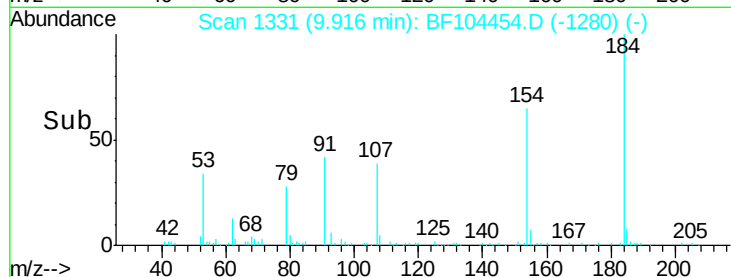
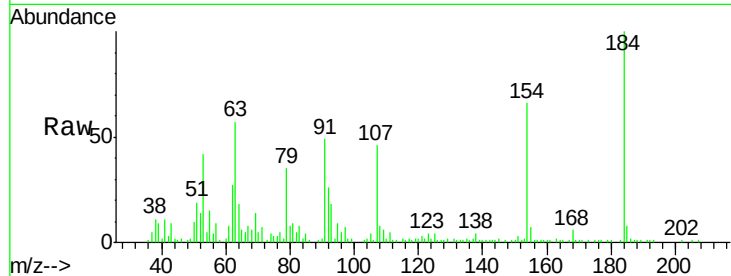
#53
2,4-Dinitrophenol
Concen: 46.044 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF104454.D
Acq: 12 Apr 2018 16:42

Instrument :
BNA_F
ClientSampleId :
S3MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	57.4	54.2	81.2
154	66.0	184.0	276.0#

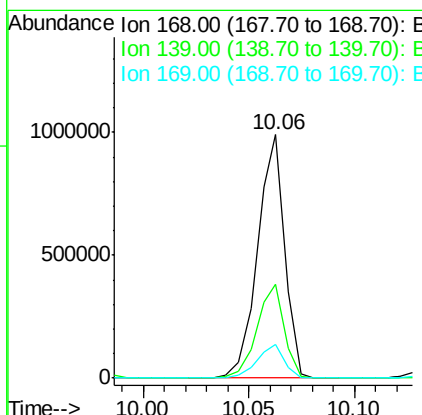
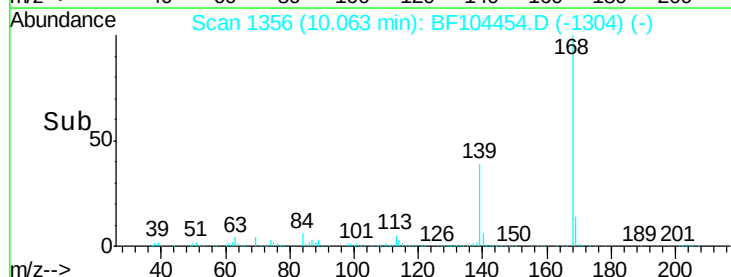
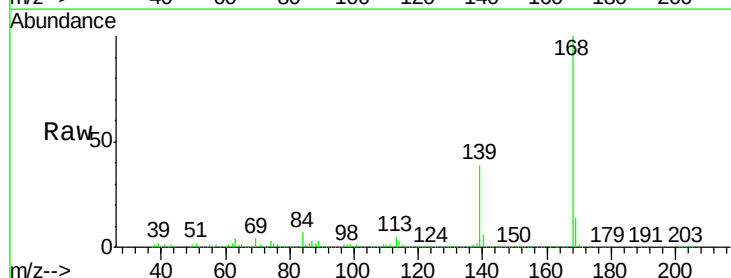
Manual Integrations
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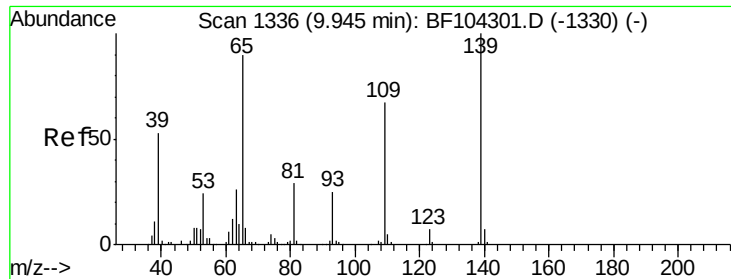
Sohil
4/13/2018 4:44:08 PM



#54
Dibenzofuran
Concen: 44.733 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF104454.D
Acq: 12 Apr 2018 16:42

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.8	30.1	45.1
169	13.6	10.9	16.3





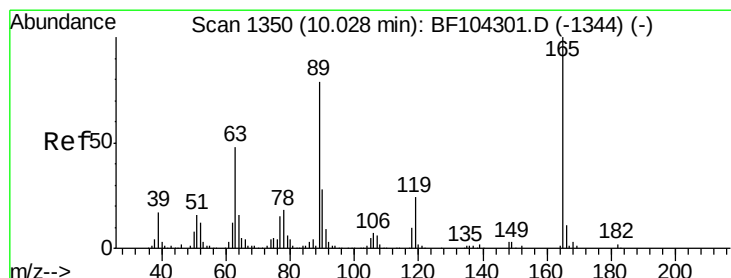
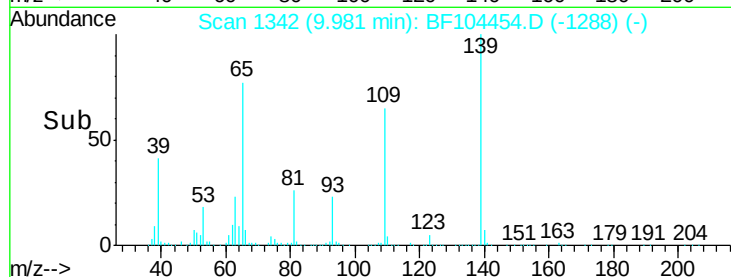
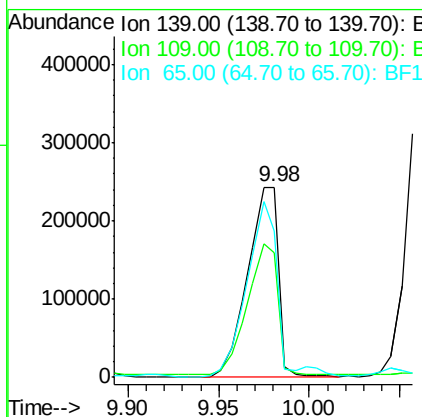
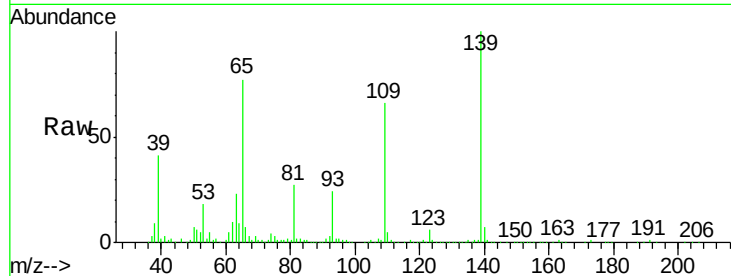
#55
4-Nitrophenol
Concen: 96.233 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.02 min
Lab File: BF104454.D
Acq: 12 Apr 2018 16:42

Instrument :
BNA_F
ClientSampled :
S3MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	287824		
109	65.7	48.4	88.4	
65	77.2	72.6	112.6	

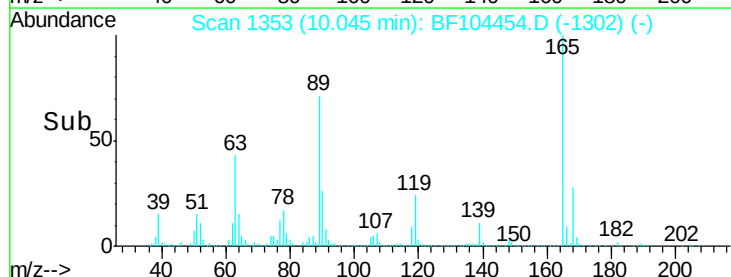
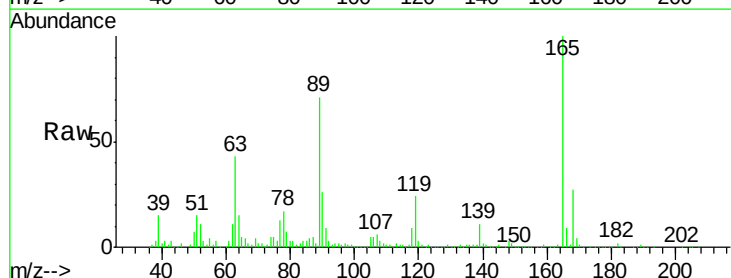
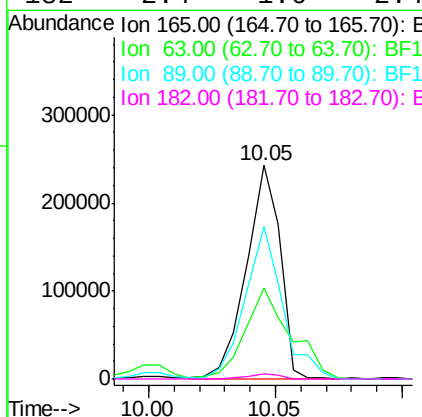
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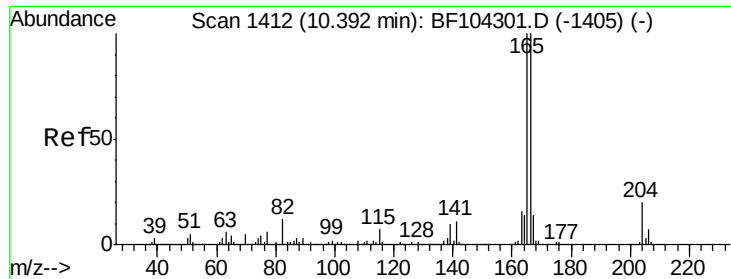
Sohil
4/13/2018 4:44:08 PM



#56
2,4-Dinitrotoluene
Concen: 52.371 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF104454.D
Acq: 12 Apr 2018 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	223418		
63	42.5	36.4	54.6	
89	71.3	57.8	86.6	
182	2.4	1.6	2.4#	





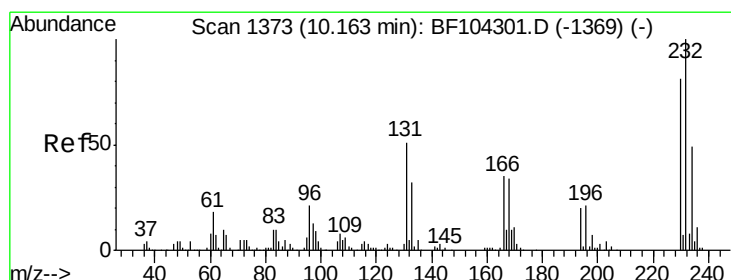
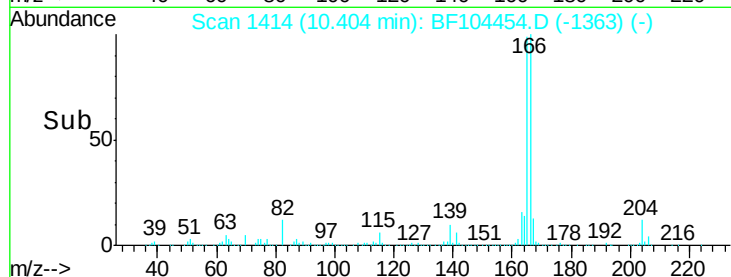
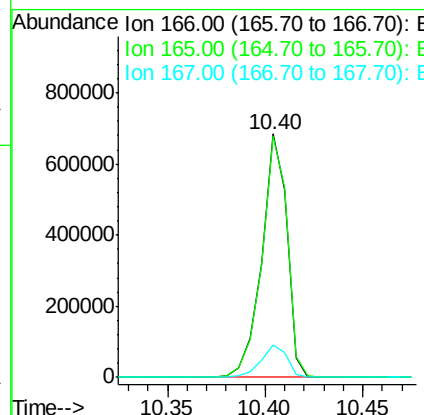
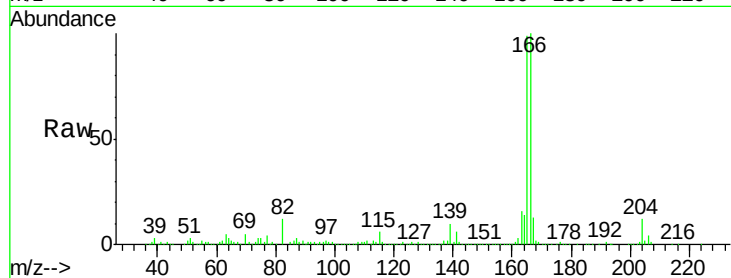
#57
 Fluorene
 Concen: 42.271 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. 0.00 min
 Lab File: BF104454.D
 Acq: 12 Apr 2018 16:42

Instrument :
 BNA_F
 ClientSampleId :
 S3MSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	607067		
165	98.9	79.8	119.8	
167	13.4	10.6	16.0	

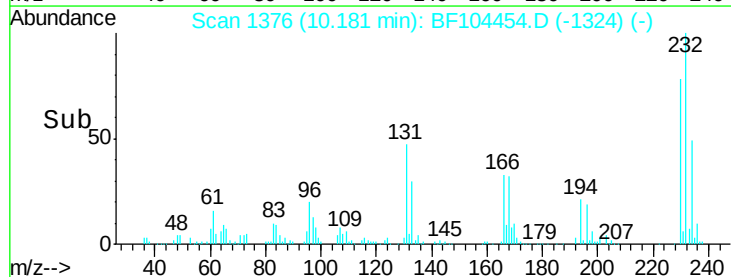
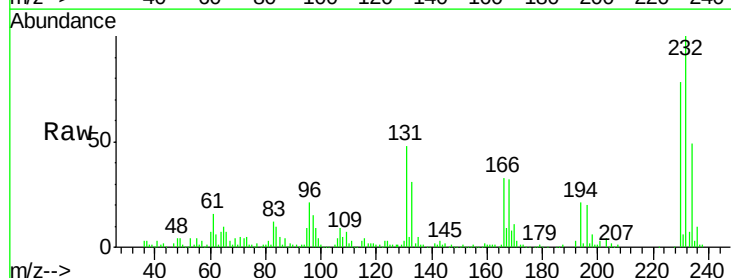
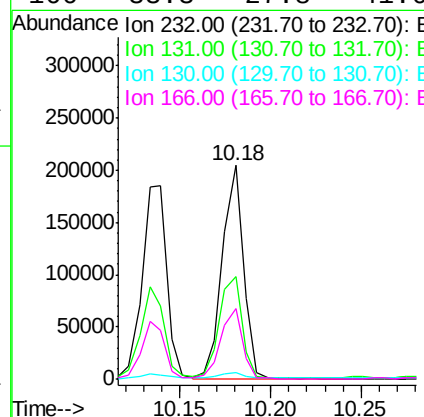
Manual Integrations
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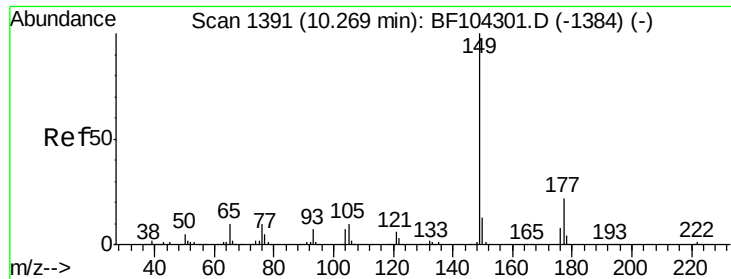
Sohil
 4/13/2018 4:44:08 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.340 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. 0.01 min
 Lab File: BF104454.D
 Acq: 12 Apr 2018 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	167651		
131	50.9	43.8	65.8	
130	3.4	2.1	3.1#	
166	33.3	27.8	41.6	





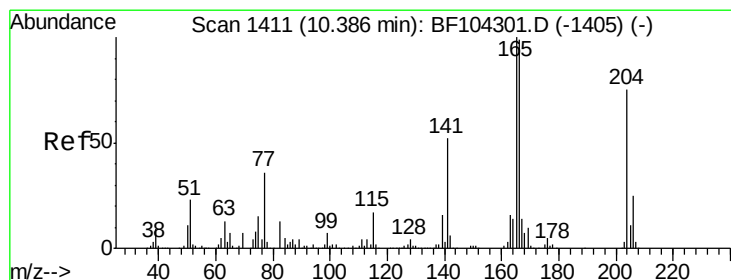
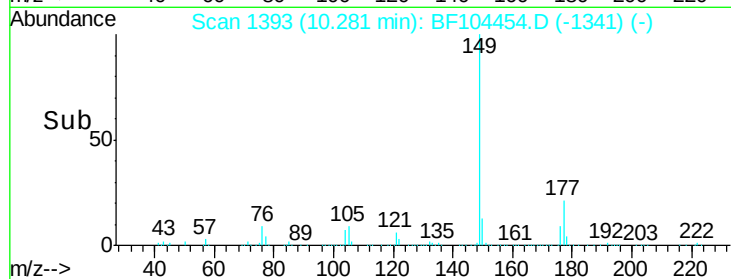
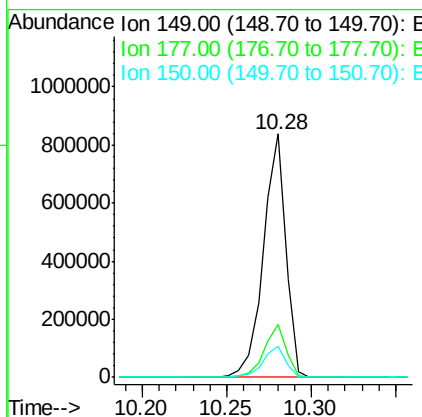
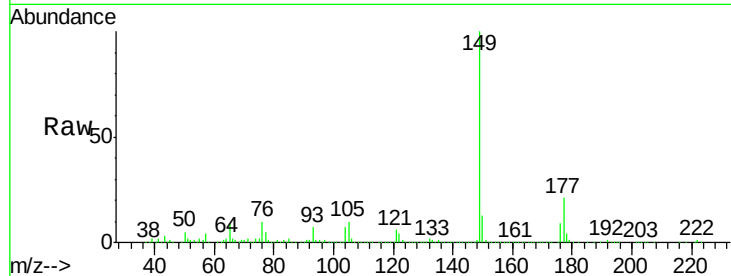
#59
Diethylphthalate
Concen: 43.889 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BF104454.D
Acq: 12 Apr 2018 16:42

Instrument :
BNA_F
ClientSampled :
S3MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.5	16.1	24.1
150	12.6	10.1	15.1

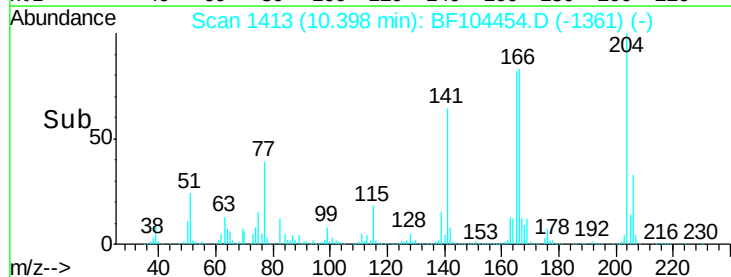
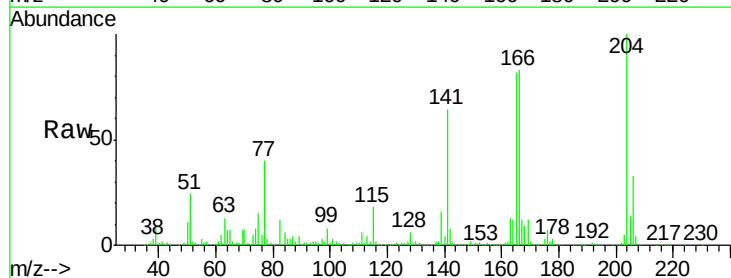
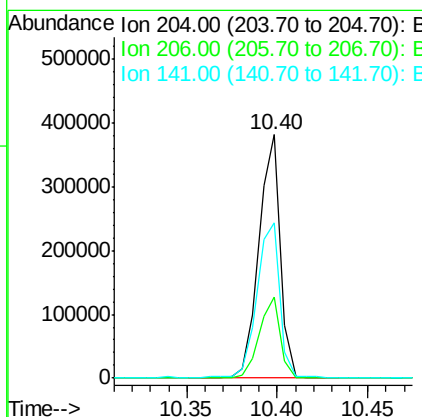
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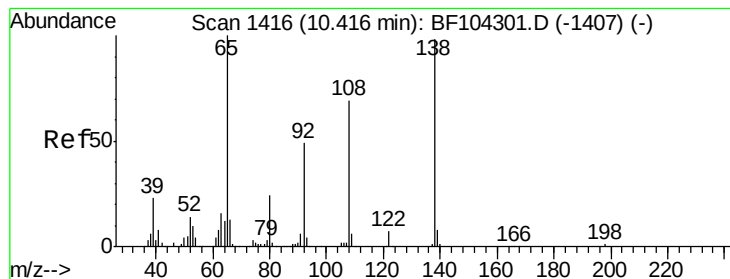
Sohil
4/13/2018 4:44:08 PM



#60
4-Chlorophenyl-phenylether
Concen: 48.949 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BF104454.D
Acq: 12 Apr 2018 16:42

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.5	39.7
141	63.7	54.6	81.8





#61

4-Nitroaniline

Concen: 43.065 ng

RT: 10.43 min Scan# 1418

Delta R.T. 0.01 min

Lab File: BF104454.D

Acq: 12 Apr 2018 16:42

Instrument :

BNA_F

ClientSampled :

S3MSD

Tot Ion:138 Resp: 160326

Ion Ratio Lower Upper

138 100

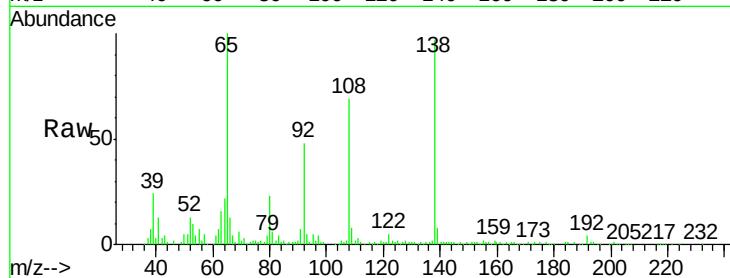
92 48.8 30.2 70.2

108 70.7 52.5 92.5

Manual Integrations
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Sohil

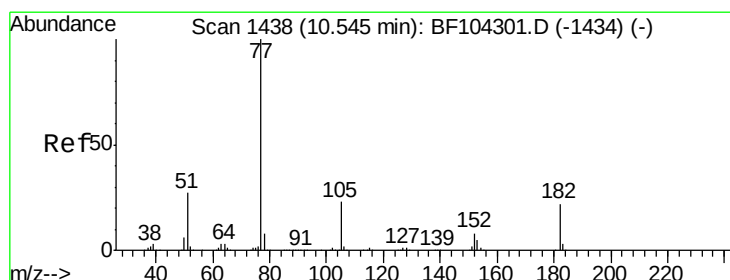
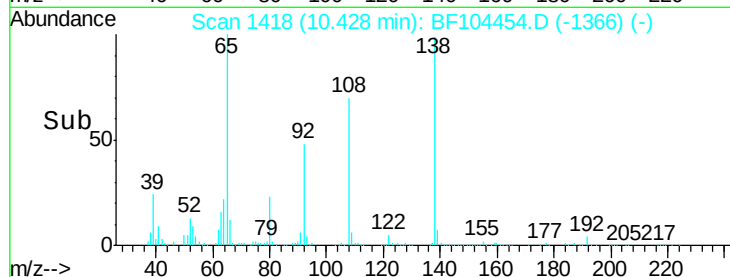
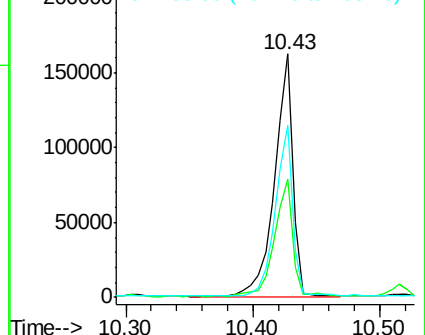
4/13/2018 4:44:08 PM



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 41.757 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF104454.D

Acq: 12 Apr 2018 16:42

Tgt Ion: 77 Resp: 698338

Ion Ratio Lower Upper

77 100

182 24.6 1.7 41.7

105 23.2 3.0 43.0

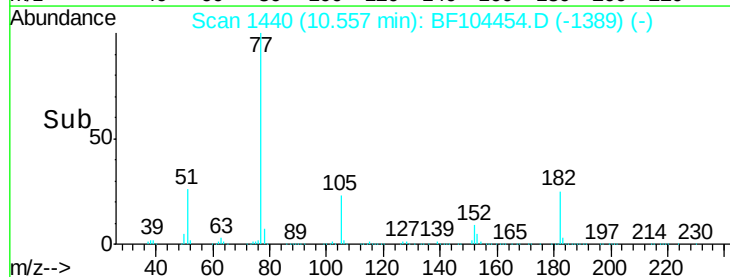
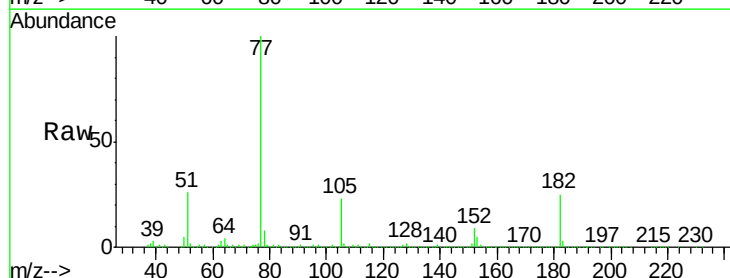
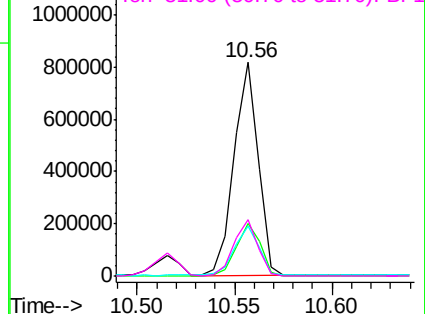
51 26.3 9.9 49.9

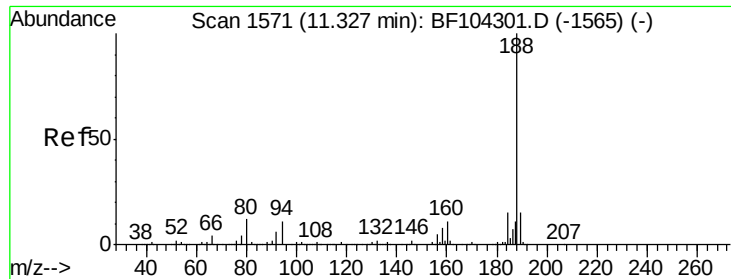
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





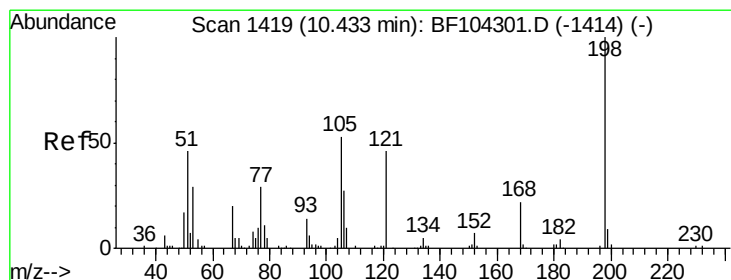
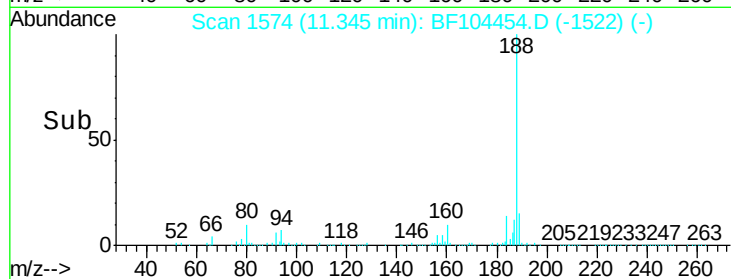
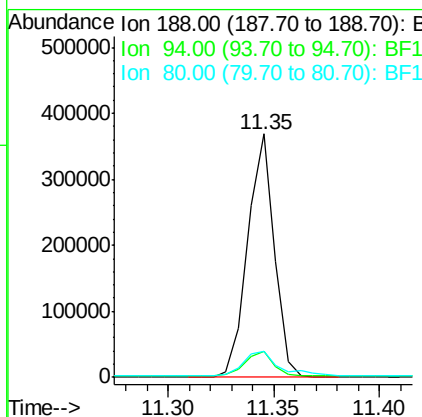
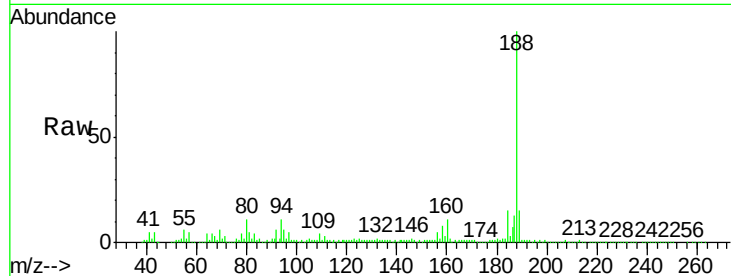
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BF104454.D
Acq: 12 Apr 2018 16:42

Instrument :
BNA_F
ClientSampled :
S3MSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.9	8.5	12.7
80	10.9	9.2	13.8

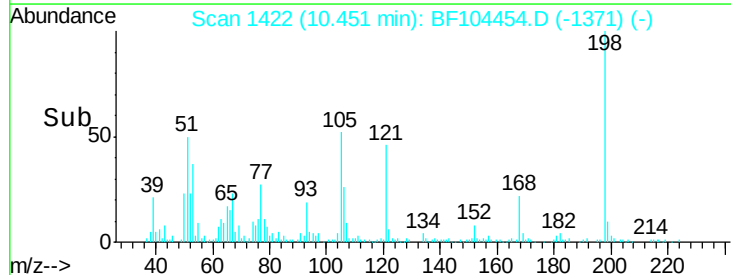
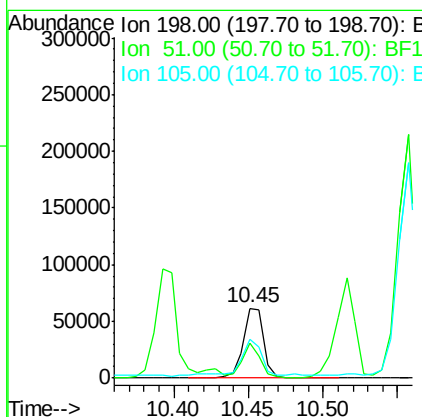
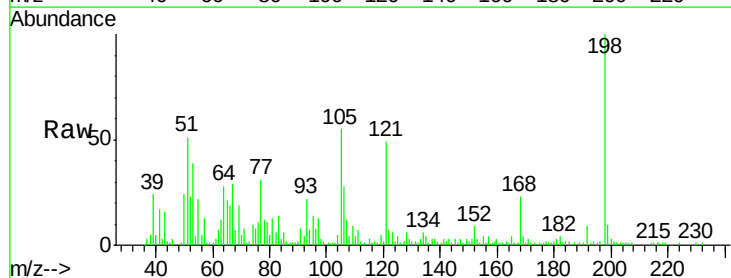
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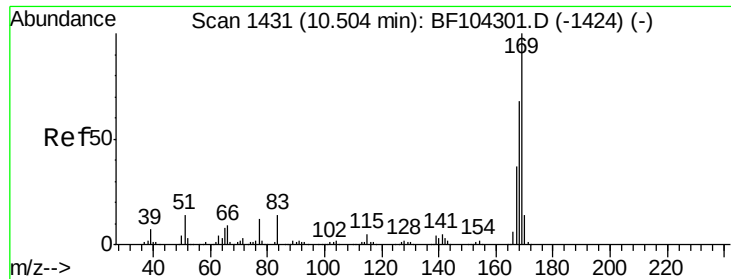
Sohil
4/13/2018 4:44:08 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 38.829 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BF104454.D
Acq: 12 Apr 2018 16:42

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	50.8	37.7	77.7
105	55.3	36.3	76.3





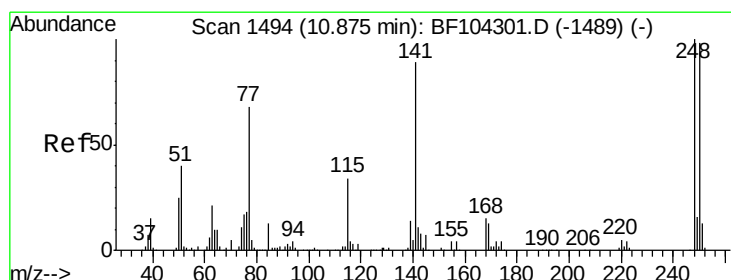
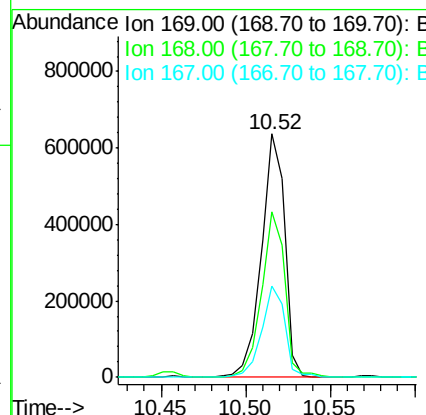
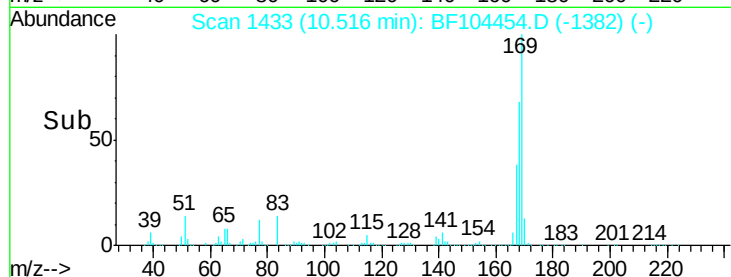
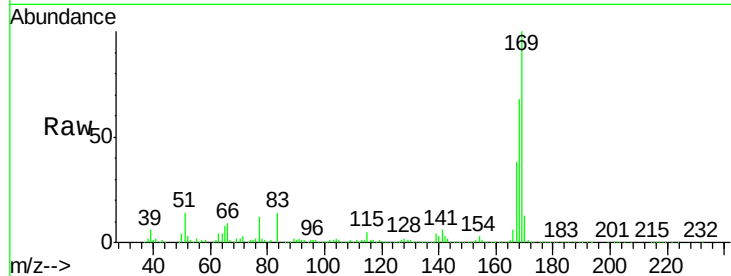
#65
 n-Nitrosodiphenylamine
 Concen: 54.871 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BF104454.D
 Acq: 12 Apr 2018 16:42

Instrument :
 BNA_F
 ClientSampleId :
 S3MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	613061		
168	68.0		54.4	81.6
167	37.6		29.8	44.6

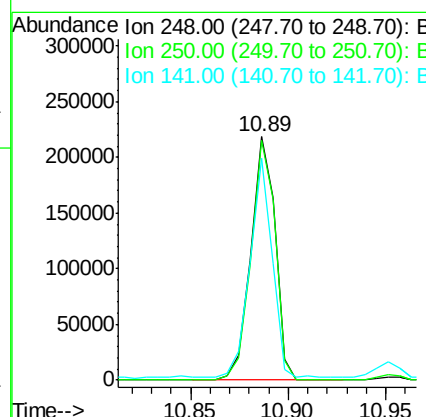
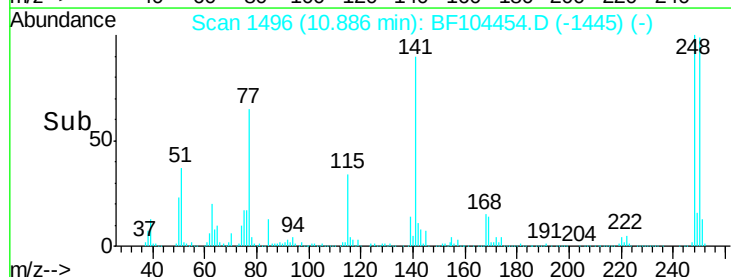
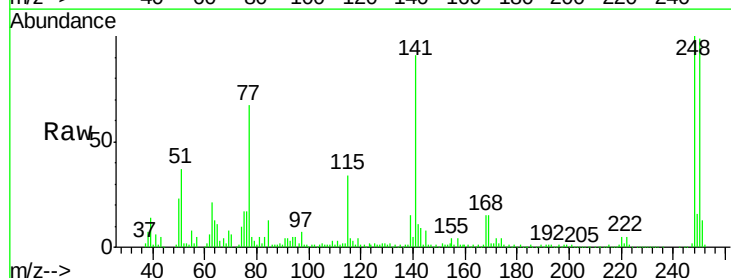
Manual Integrations
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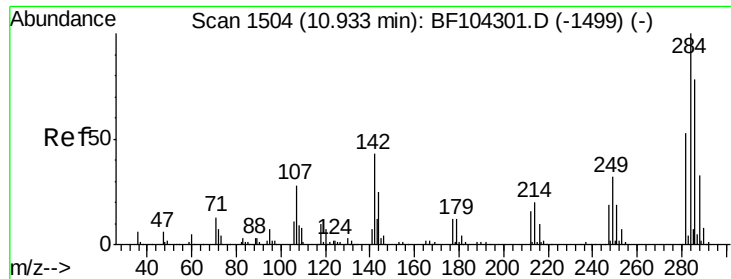
Sohil
 4/13/2018 4:44:08 PM



#66
 4-Bromophenyl-phenylether
 Concen: 55.230 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. 0.00 min
 Lab File: BF104454.D
 Acq: 12 Apr 2018 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	189305		
250	98.6		76.9	115.3
141	91.1		74.4	111.6





#67

Hexachlorobenzene

Concen: 50.915 ng

RT: 10.95 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BF104454.D

Acq: 12 Apr 2018 16:42

Instrument :

BNA_F

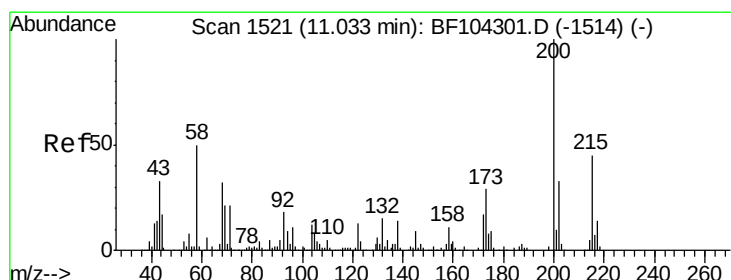
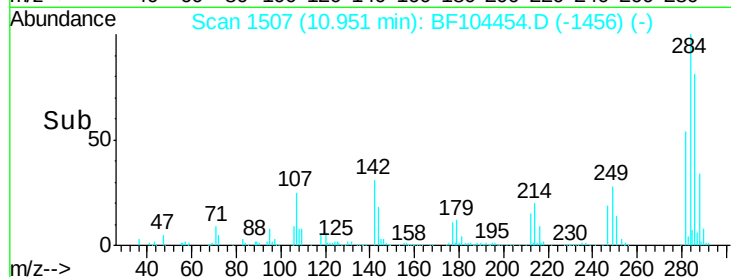
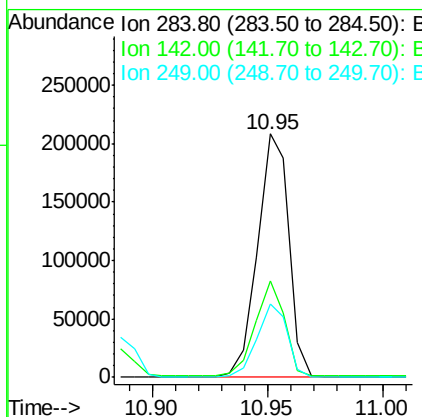
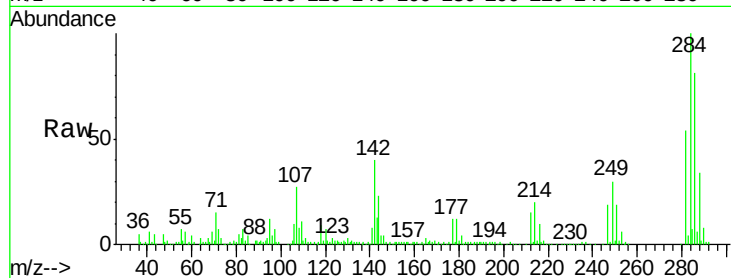
ClientSampled :

S3MSD

Tot Ion:	284	Resp:	196366
Ion Ratio	Lower	Upper	
284	100		
142	39.5	34.6	52.0
249	30.4	24.8	37.2

Manual Integrations
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#68

Atrazine

Concen: 53.585 ng

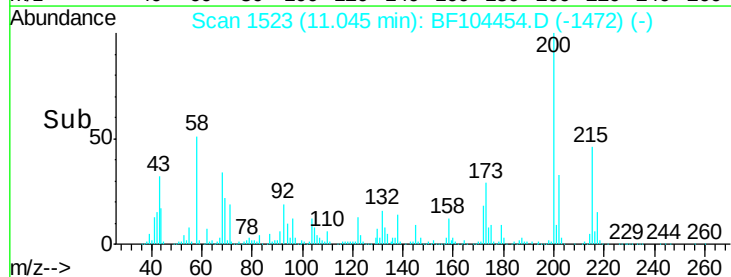
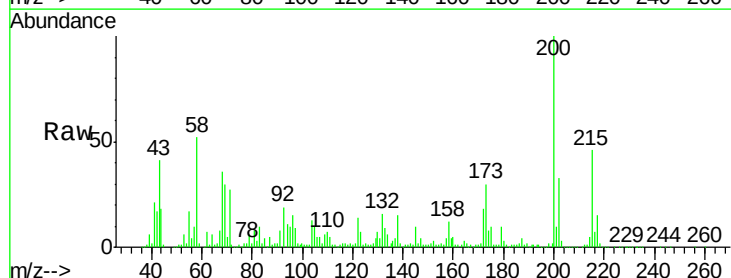
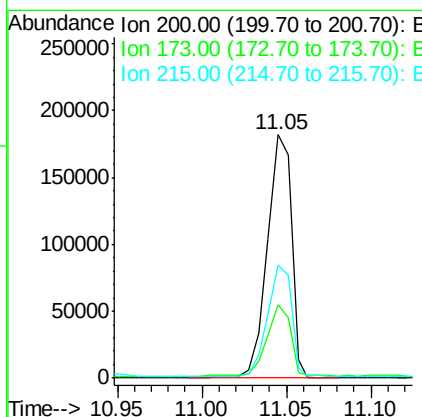
RT: 11.05 min Scan# 1523

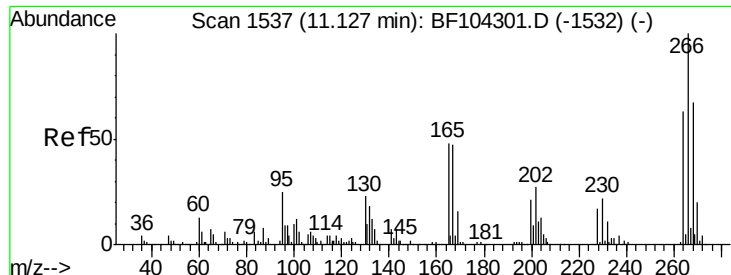
Delta R.T. 0.00 min

Lab File: BF104454.D

Acq: 12 Apr 2018 16:42

Tgt Ion:	200	Resp:	180714
Ion Ratio	Lower	Upper	
200	100		
173	30.0	8.6	48.6
215	46.5	25.1	65.1





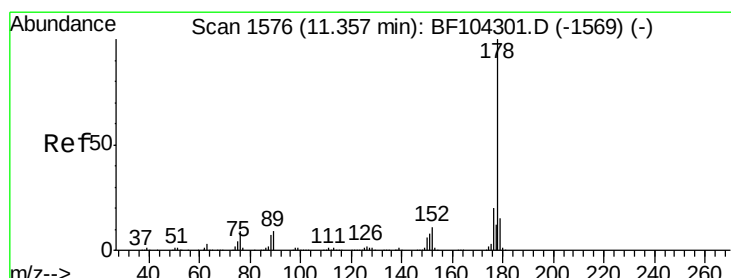
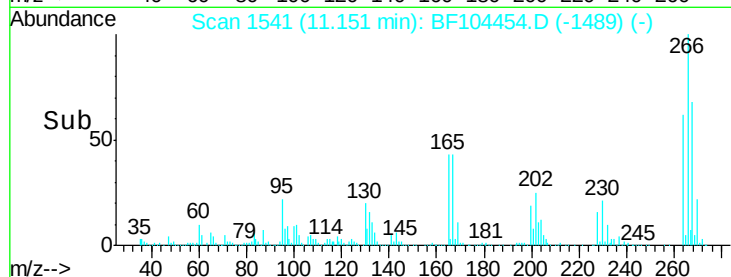
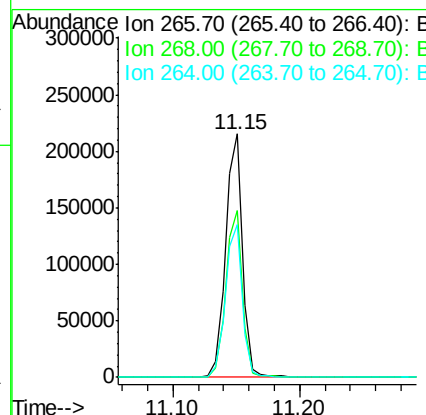
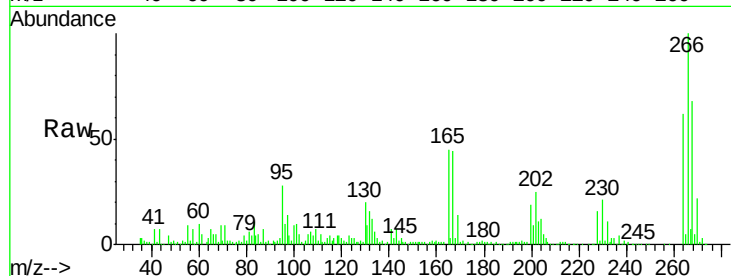
#69
 Pentachlorophenol
 Concen: 84.351 ng
 RT: 11.15 min Scan# 1541
 Delta R.T. 0.01 min
 Lab File: BF104454.D
 Acq: 12 Apr 2018 16:42

Instrument :
 BNA_F
 ClientSampled :
 S3MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	68.3	51.1	76.7
264	62.5	49.5	74.3

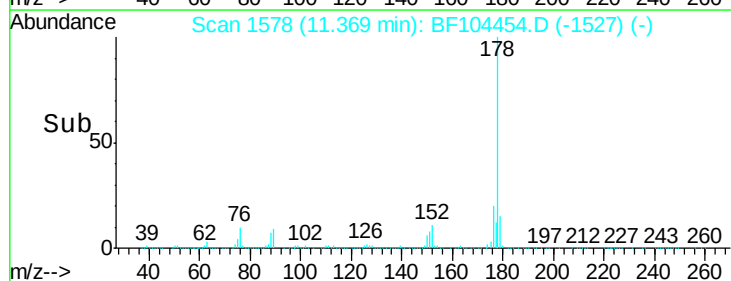
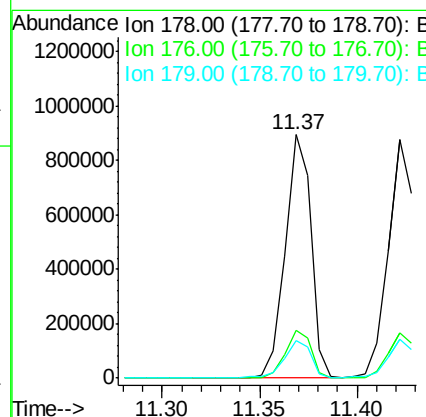
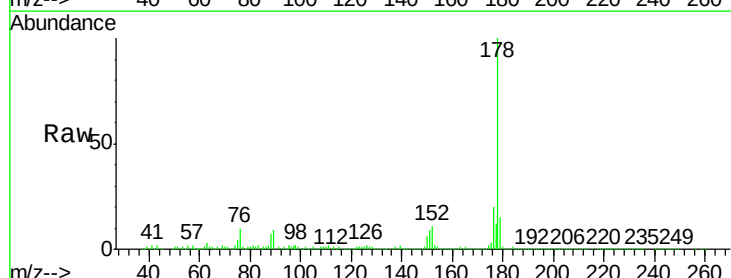
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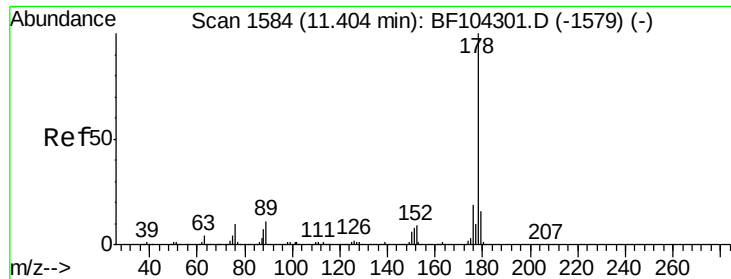
Sohil
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#70
 Phenanthrene
 Concen: 45.432 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: BF104454.D
 Acq: 12 Apr 2018 16:42

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.5	13.0	19.6





#71

Anthracene

Concen: 43.349 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.00 min

Lab File: BF104454.D

Acq: 12 Apr 2018 16:42

Instrument :

BNA_F

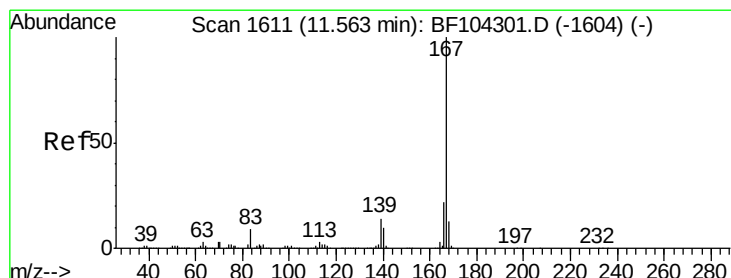
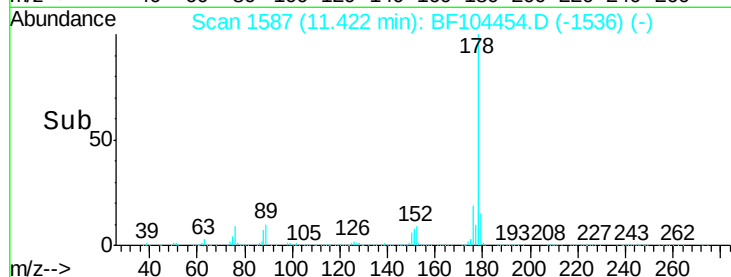
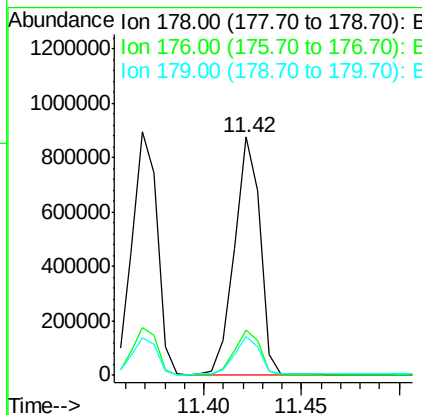
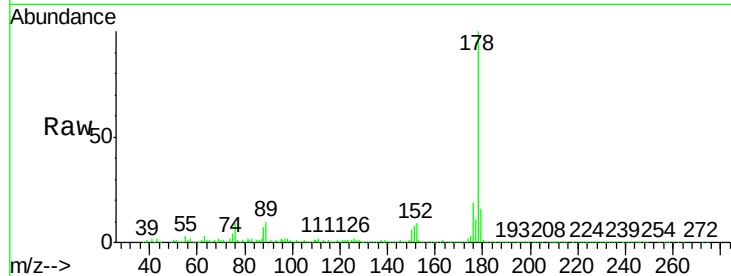
ClientSampleId :

S3MSD

Tot Ion:	178	Resp:	790739
Ion Ratio	Lower	Upper	
178	100		
176	19.1	15.4	23.2
179	16.1	12.6	19.0

Manual Integrations
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#72

Carbazole

Concen: 43.276 ng

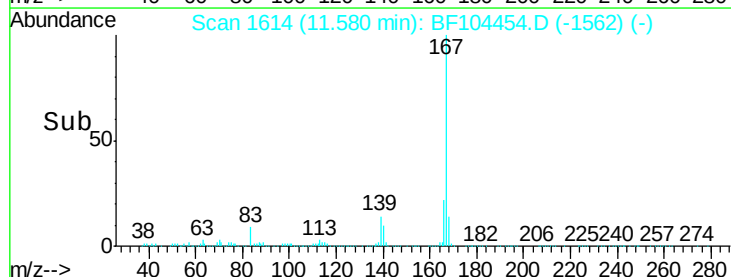
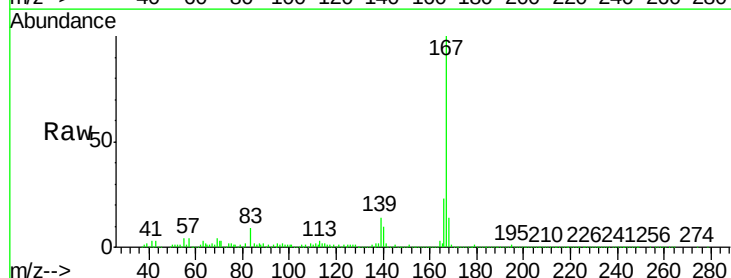
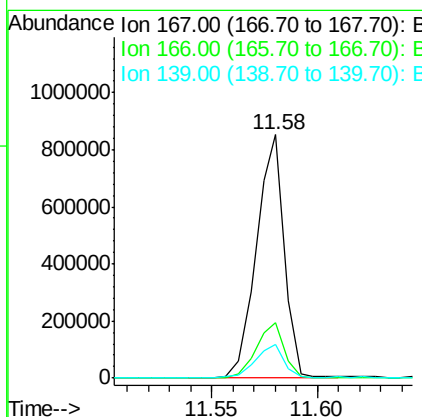
RT: 11.58 min Scan# 1614

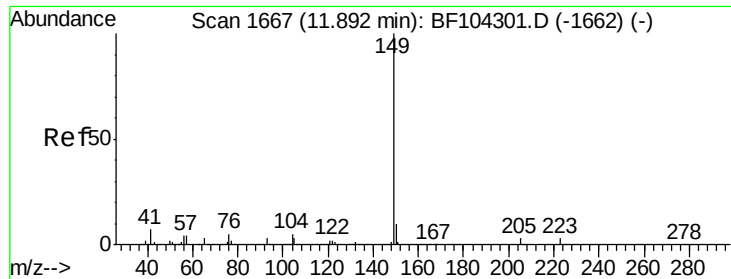
Delta R.T. 0.01 min

Lab File: BF104454.D

Acq: 12 Apr 2018 16:42

Tgt Ion:	167	Resp:	771400
Ion Ratio	Lower	Upper	
167	100		
166	22.6	17.6	26.4
139	14.0	10.9	16.3





#73

Di-n-butylphthalate

Concen: 45.375 ng

RT: 11.91 min Scan# 1670

Delta R.T. 0.01 min

Lab File: BF104454.D

Acq: 12 Apr 2018 16:42

Instrument :

BNA_F

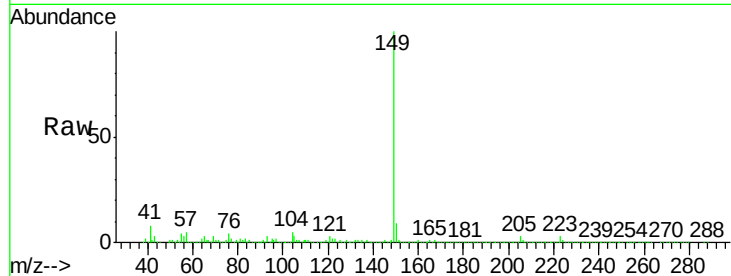
ClientSampled :

S3MSD

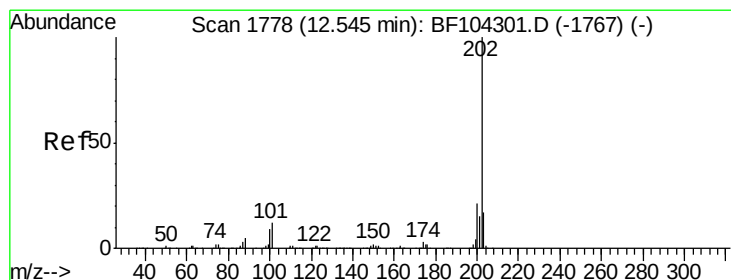
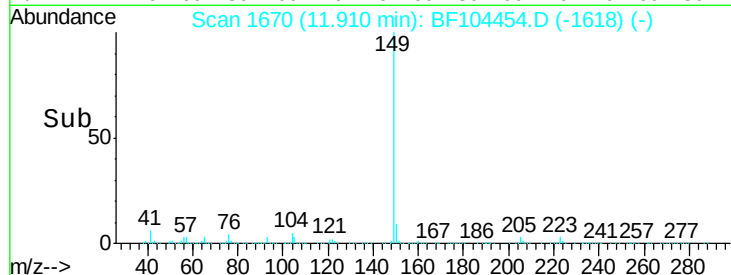
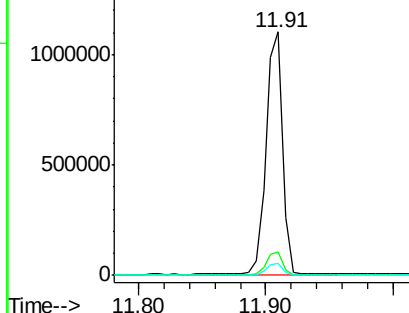
Tot Ion:	149	Resp:	988009
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.8	11.6
104	4.8	3.8	5.8

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Abundance Ion 149.00 (148.70 to 149.70): E
1500000
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.405 ng

RT: 12.57 min Scan# 1783

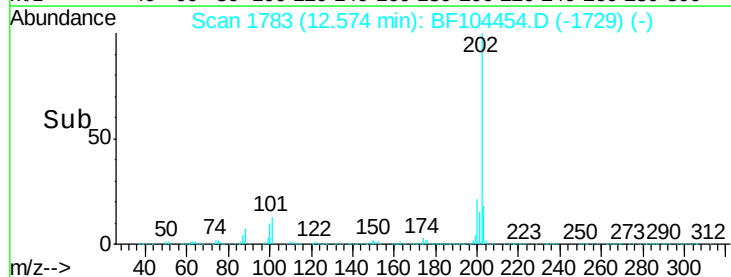
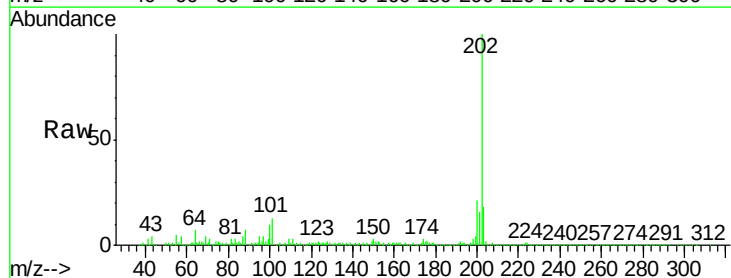
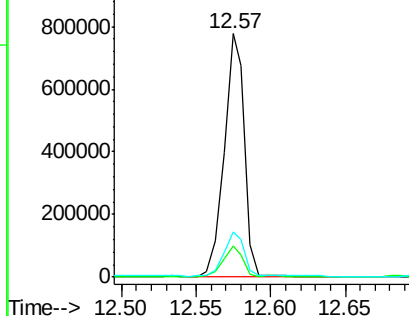
Delta R.T. 0.02 min

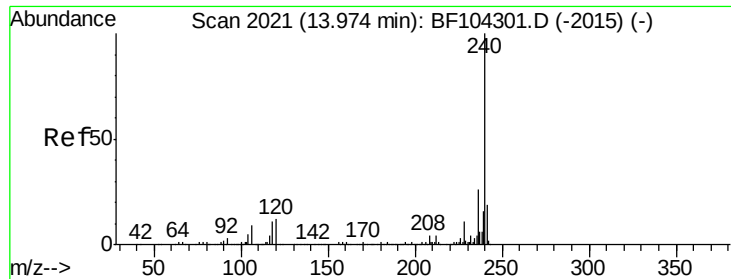
Lab File: BF104454.D

Acq: 12 Apr 2018 16:42

Tgt Ion:	202	Resp:	738809
Ion Ratio	Lower	Upper	
202	100		
101	12.9	0.0	34.1
203	18.4	0.0	38.1

Abundance Ion 202.00 (201.70 to 202.70): E
1000000
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





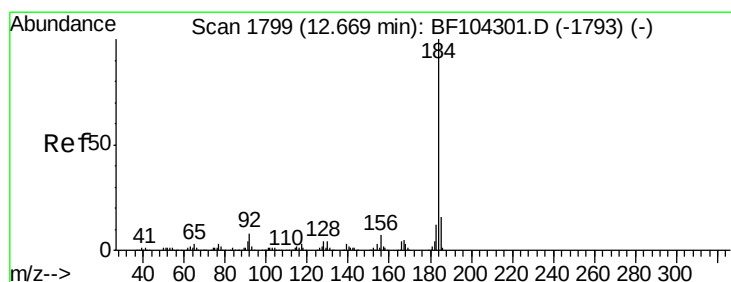
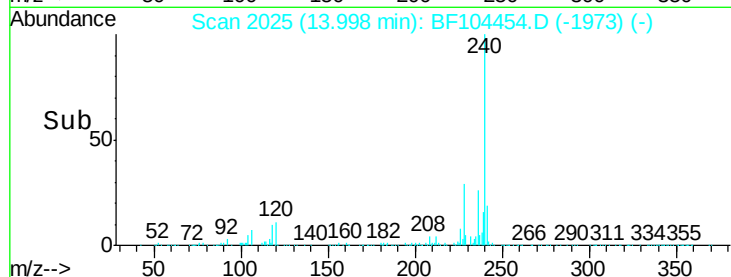
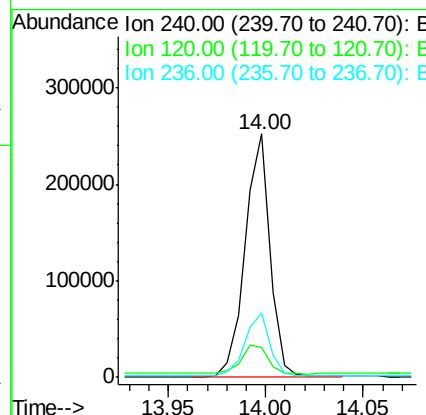
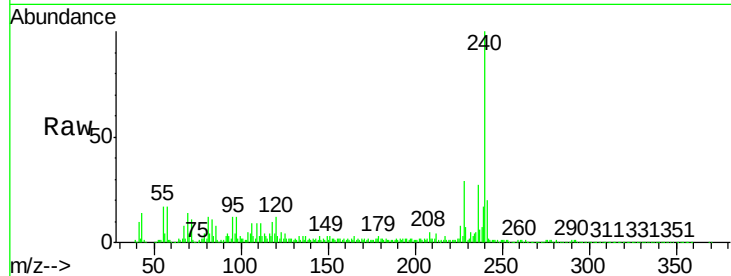
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BF104454.D
Acq: 12 Apr 2018 16:42

Instrument :
BNA_F
ClientSampleId :
S3MSD

Tot Ion	Ratio	Resp	Lower	Upper
240	100	220517		
120	12.1		9.5	14.3
236	26.6		20.7	31.1

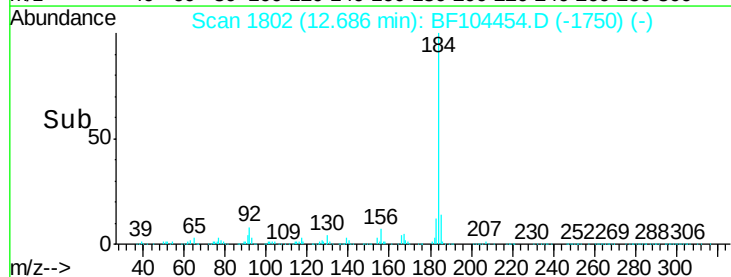
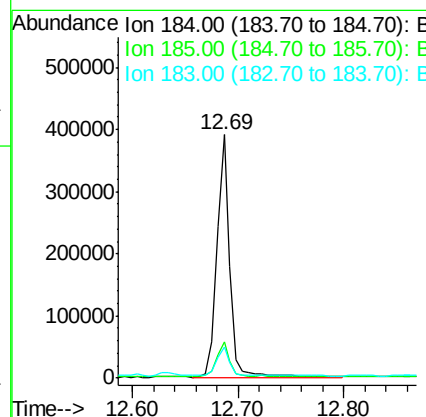
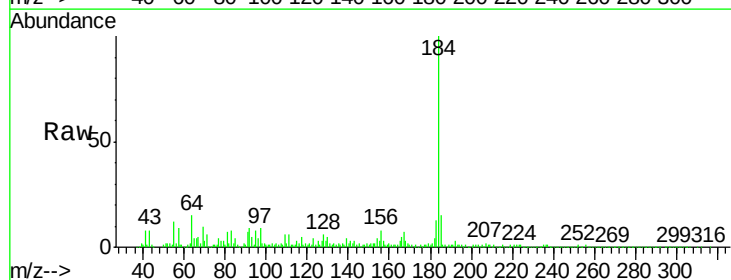
Manual Integrations
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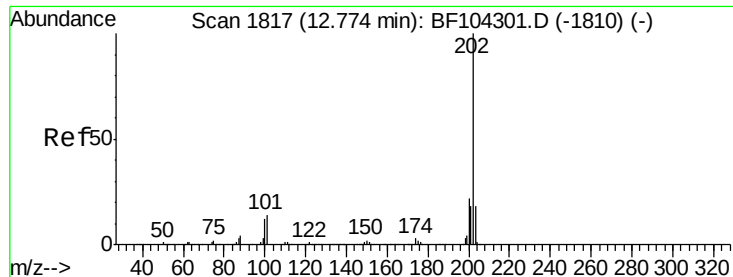
Sohil
4/13/2018 4:44:08 PM



#76
Benzidine
Concen: 47.130 ng
RT: 12.69 min Scan# 1802
Delta R.T. 0.01 min
Lab File: BF104454.D
Acq: 12 Apr 2018 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	335492		
185	14.9		12.6	18.8
183	12.9		9.3	13.9





#77

Pvrene

Concen: 44.974 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.01 min

Lab File: BF104454.D

Acq: 12 Apr 2018 16:42

Instrument :

BNA_F

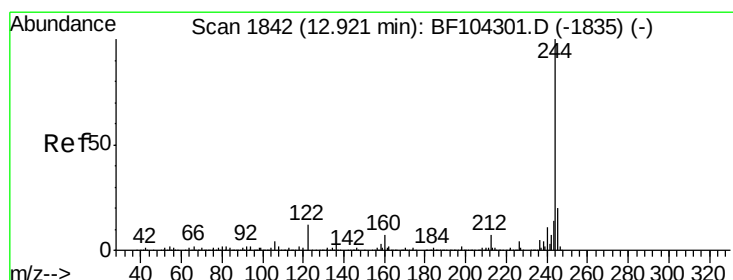
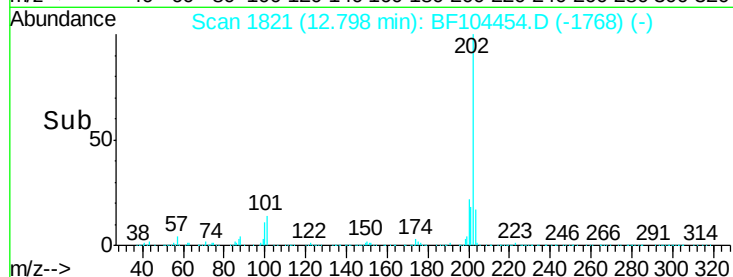
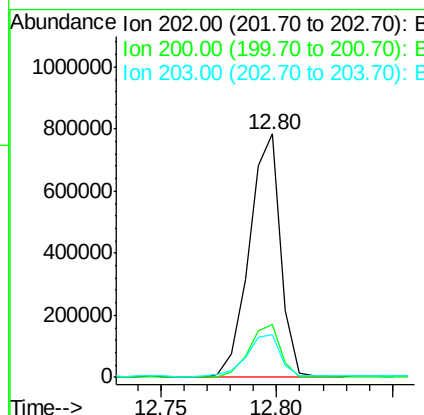
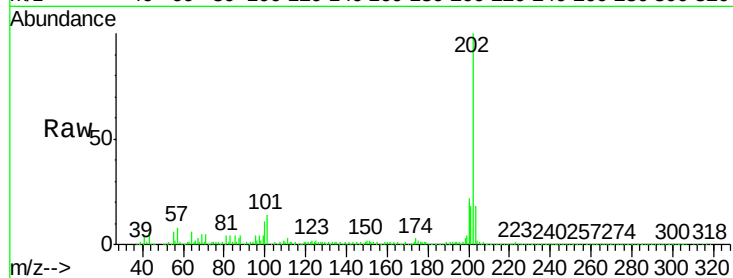
ClientSampled :

S3MSD

Tot Ion:	202	Resp:	735128
Ion Ratio	Lower	Upper	
202	100		
200	21.8	17.4	26.2
203	17.8	14.3	21.5

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#78

Terphenyl-d14

Concen: 89.097 ng

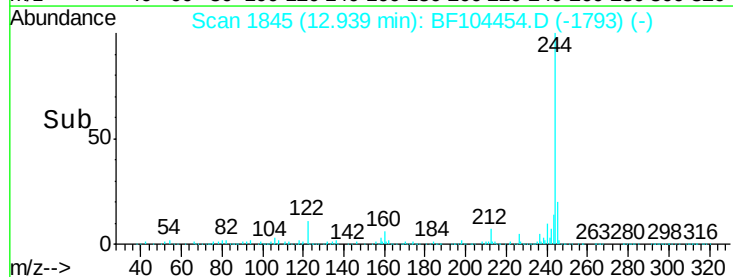
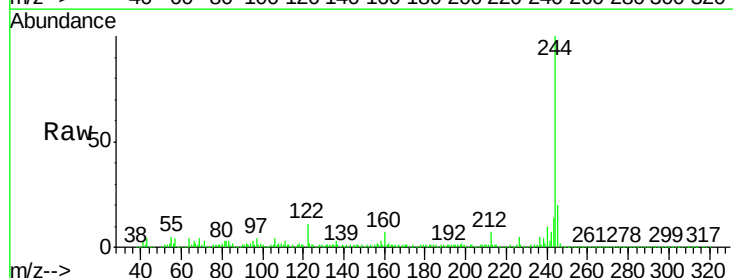
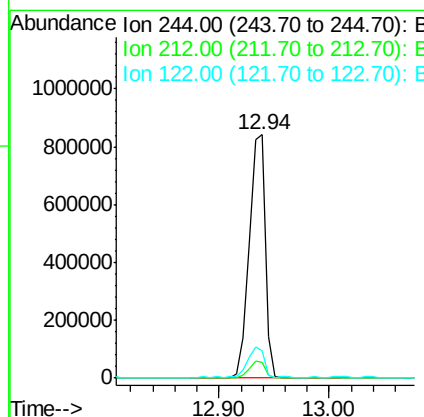
RT: 12.94 min Scan# 1845

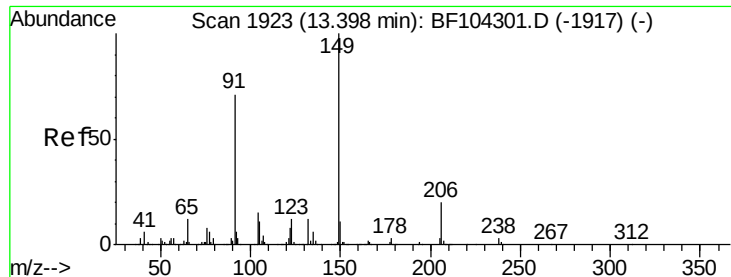
Delta R.T. 0.01 min

Lab File: BF104454.D

Acq: 12 Apr 2018 16:42

Tgt Ion:	244	Resp:	861792
Ion Ratio	Lower	Upper	
244	100		
212	6.7	5.4	8.0
122	11.0	11.0	16.4





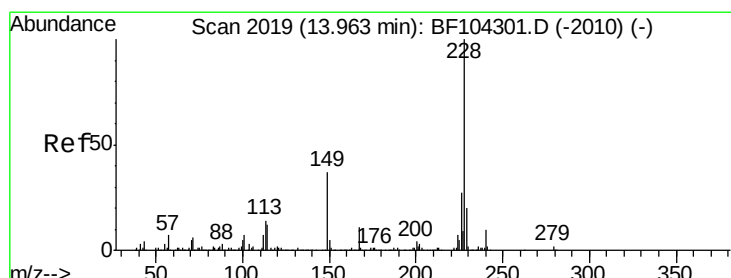
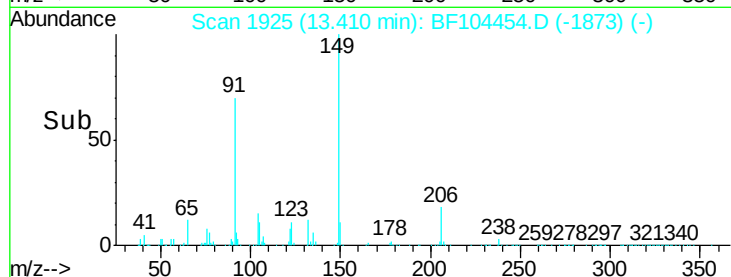
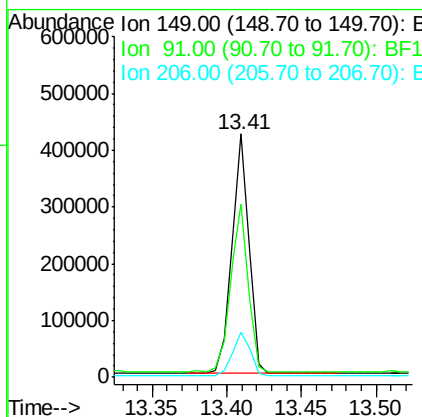
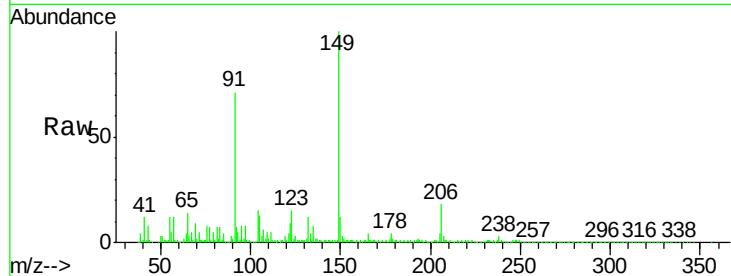
#79
Butylbenzylphthalate
Concen: 45.040 ng
RT: 13.41 min Scan# 1925
Delta R.T. 0.01 min
Lab File: BF104454.D
Acq: 12 Apr 2018 16:42

Instrument :
BNA_F
ClientSampleId :
S3MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	346835		
91	71.3	56.8	85.2	
206	18.5	14.1	21.1	

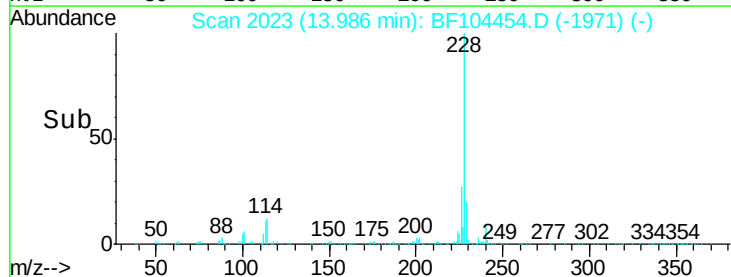
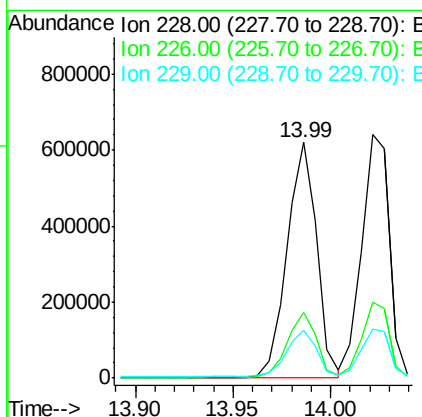
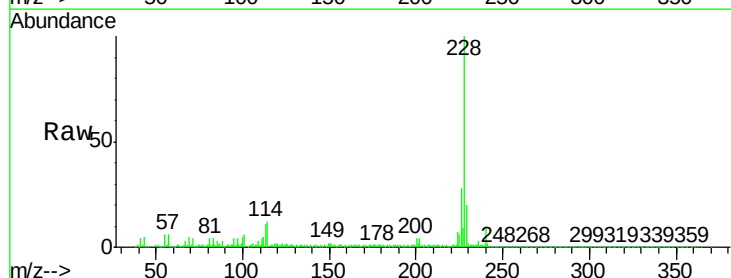
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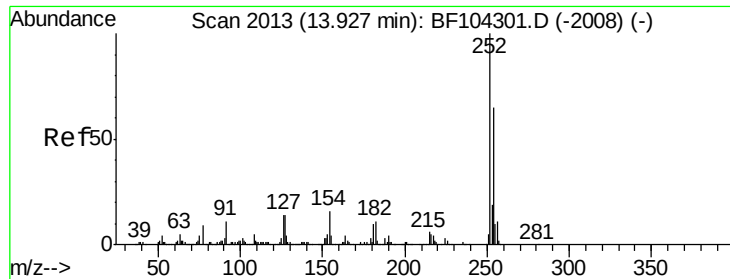
Sohil
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#80
Benzo(a)anthracene
Concen: 49.089 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BF104454.D
Acq: 12 Apr 2018 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	646693		
226	27.6	22.6	33.8	
229	20.3	15.8	23.6	





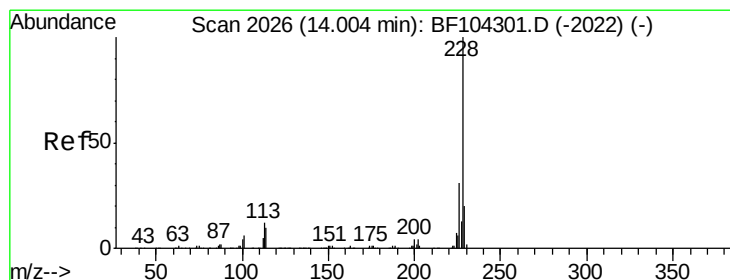
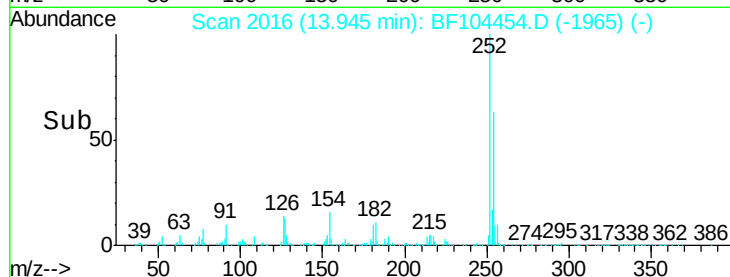
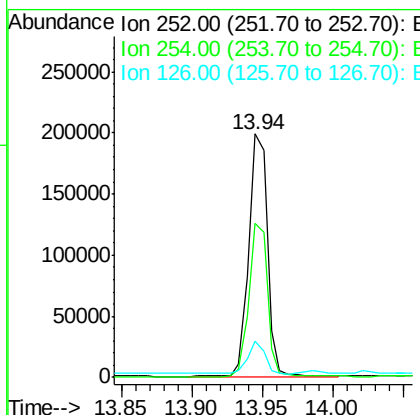
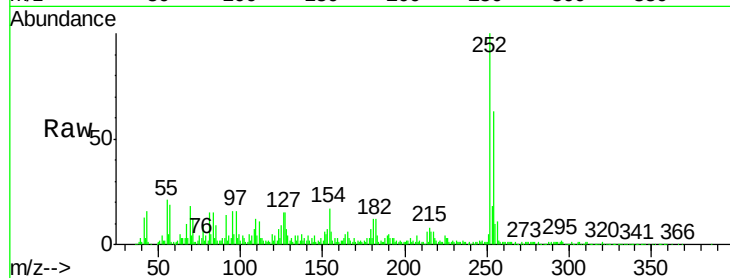
#81
 3,3'-Dichlorobenzidine
 Concen: 37.735 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: BF104454.D
 Acq: 12 Apr 2018 16:42

Instrument :
 BNA_F
 ClientSampled :
 S3MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	185354		
254	63.5	50.4	75.6	
126	15.0	11.3	16.9	

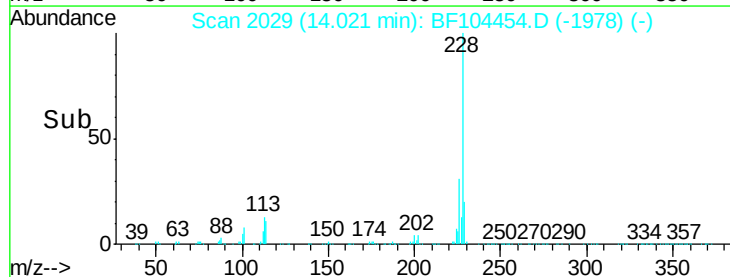
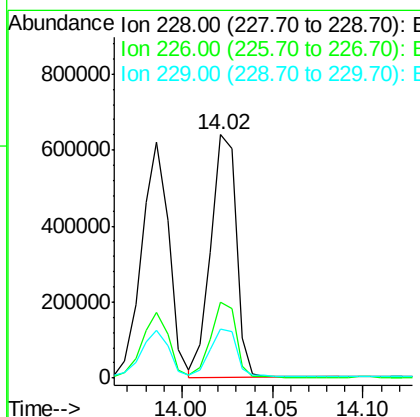
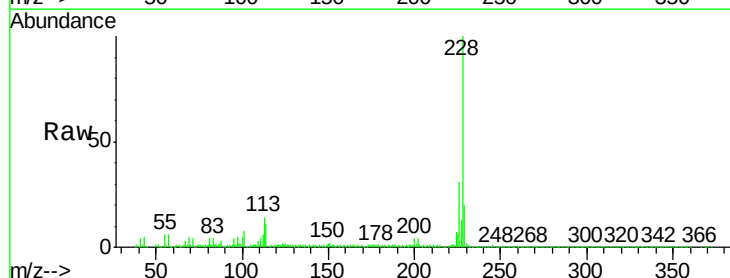
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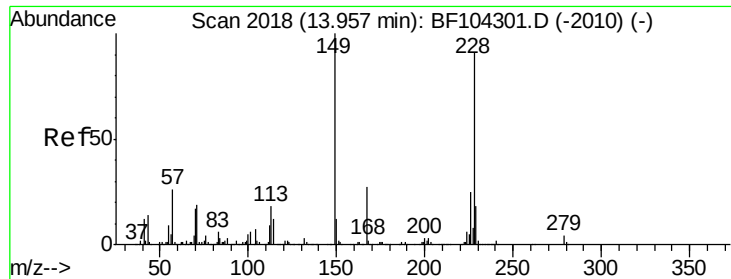
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#82
 Chrysene
 Concen: 46.415 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. 0.00 min
 Lab File: BF104454.D
 Acq: 12 Apr 2018 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	628070		
226	31.4	25.0	37.6	
229	20.3	16.2	24.4	





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.314 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF104454.D

Acq: 12 Apr 2018 16:42

Instrument :

BNA_F

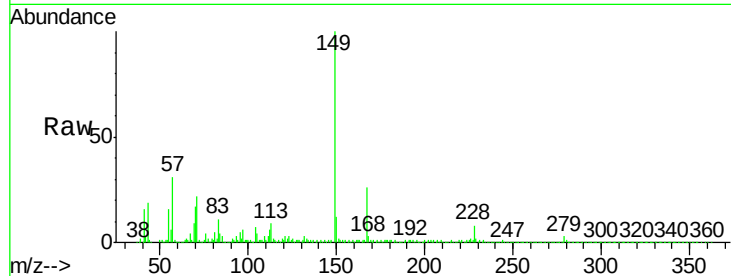
ClientSampleId :

S3MSD

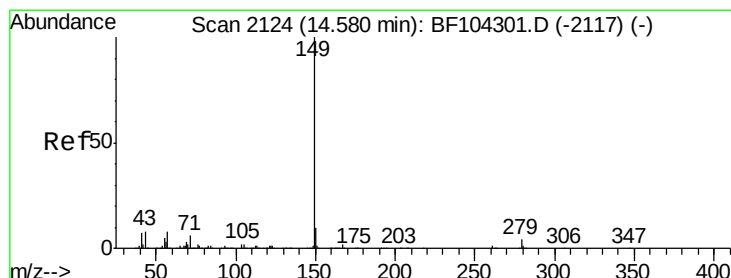
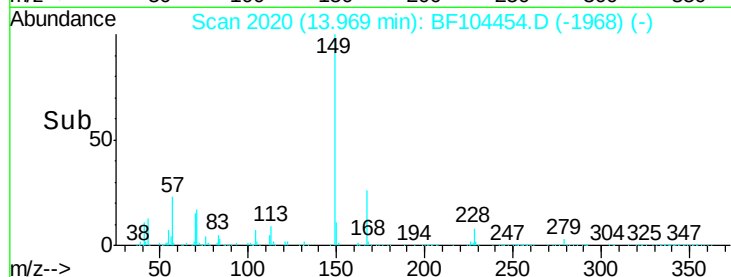
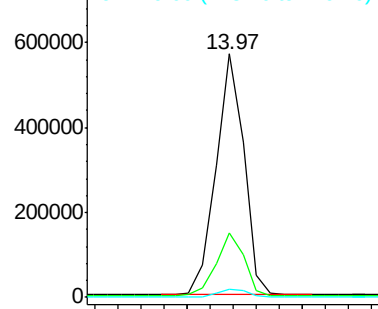
Tot Ion:	149	Resp:	478540
Ion Ratio	Lower	Upper	
149	100		
167	26.2	21.3	31.9
279	3.3	3.0	4.4

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 49.477 ng

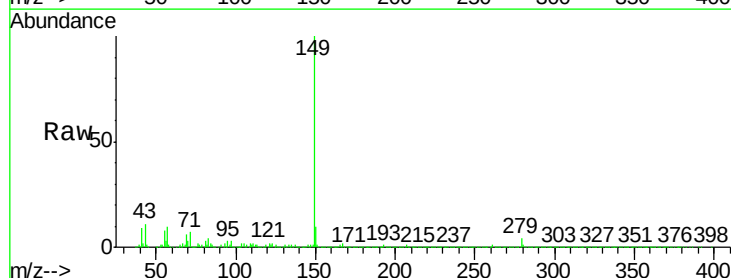
RT: 14.59 min Scan# 2126

Delta R.T. 0.00 min

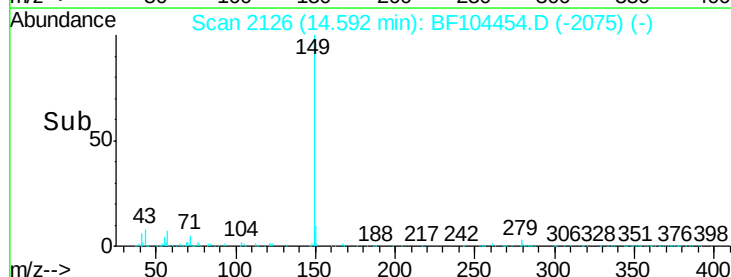
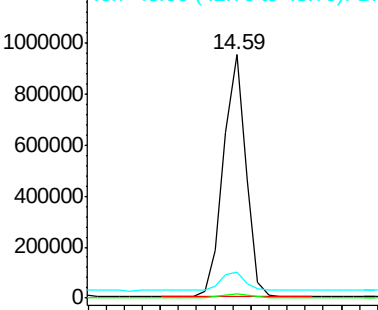
Lab File: BF104454.D

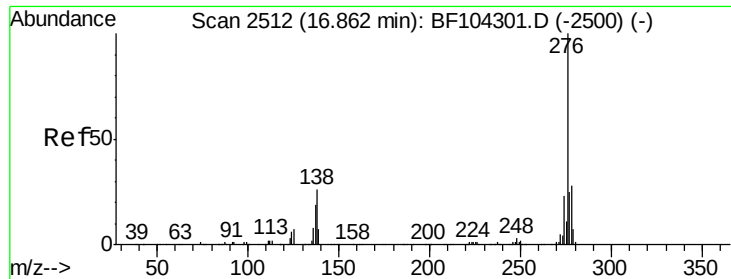
Acq: 12 Apr 2018 16:42

Tgt Ion:	149	Resp:	818848
Ion Ratio	Lower	Upper	
149	100		
167	1.4	1.2	1.8
43	9.4	8.4	12.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1





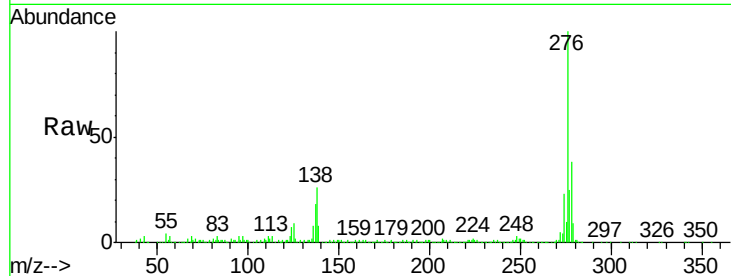
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 50.751 ng
 RT: 16.92 min Scan# 2522
 Delta R.T. 0.01 min
 Lab File: BF104454.D
 Acq: 12 Apr 2018 16:42

Instrument :
 BNA_F
 ClientSampled :
 S3MSD

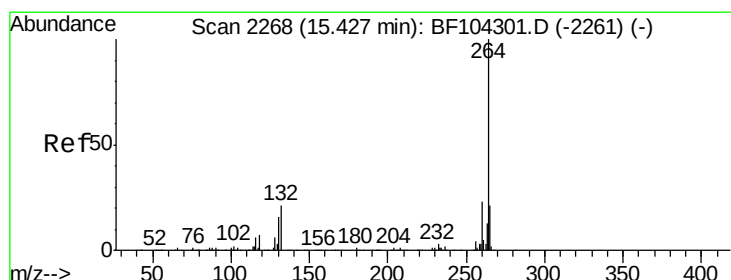
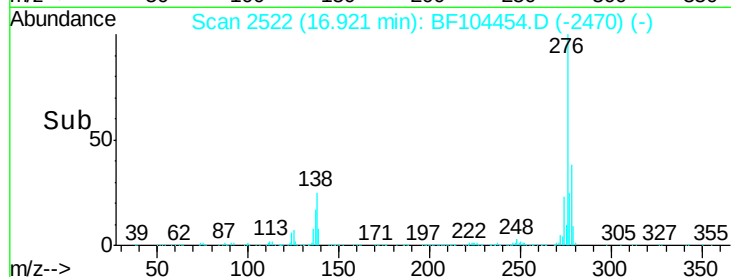
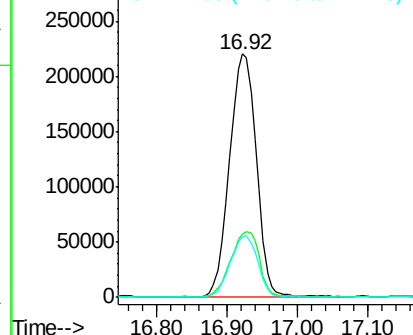
Tot Ion	Ratio	Lower	Upper
276	100		
138	28.3	25.0	37.6
277	25.4	20.1	30.1

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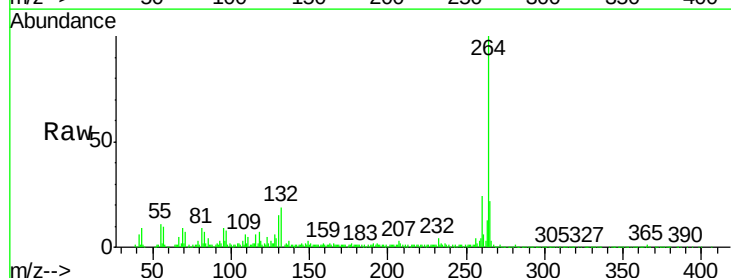


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

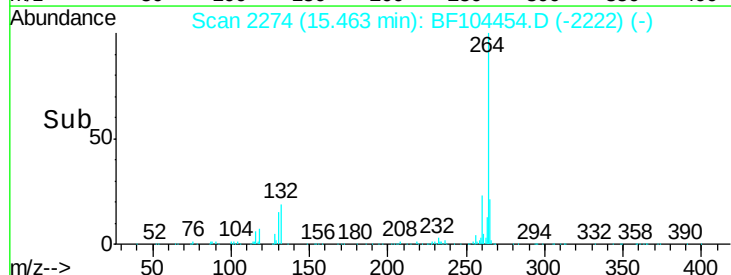
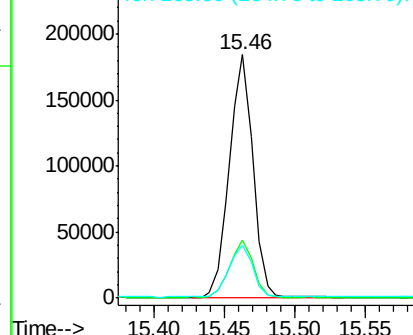


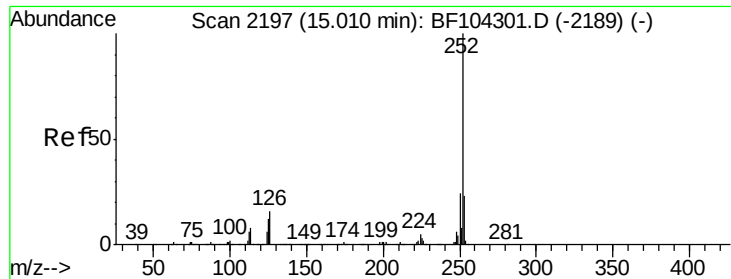
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. 0.01 min
 Lab File: BF104454.D
 Acq: 12 Apr 2018 16:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.7	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 44.737 ng

RT: 15.04 min Scan# 2202

Delta R.T. 0.01 min

Lab File: BF104454.D

Acq: 12 Apr 2018 16:42

Instrument :

BNA_F

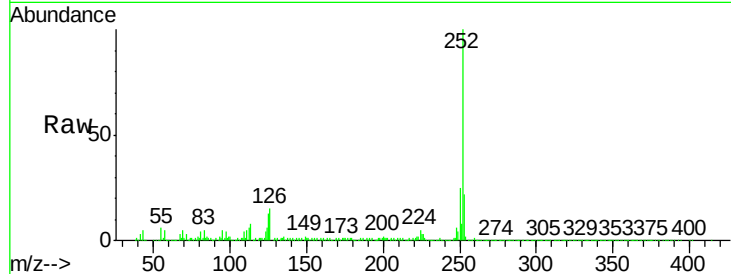
ClientSampled :

S3MSD

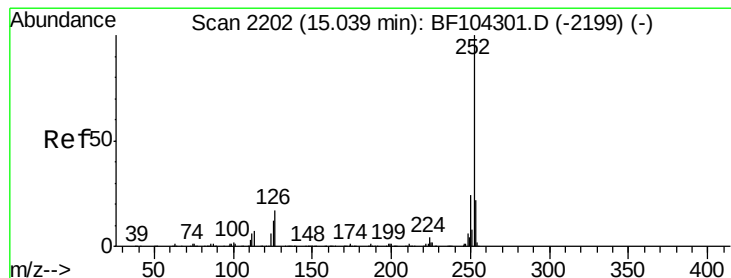
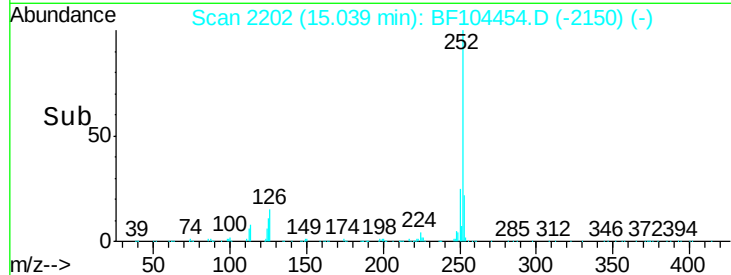
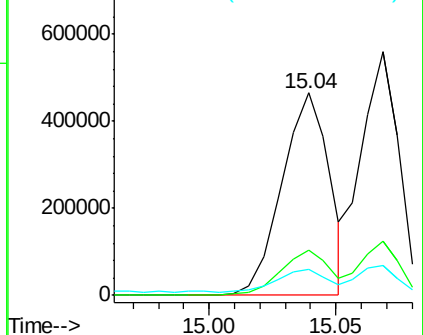
Tot Ion:	252	Resp:	601948
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.0	25.6
125	13.0	9.0	13.6

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 45.638 ng

RT: 15.07 min Scan# 2207

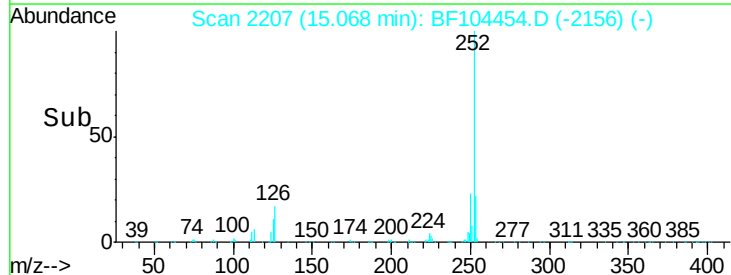
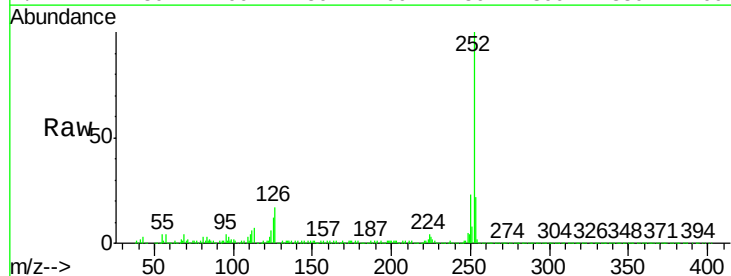
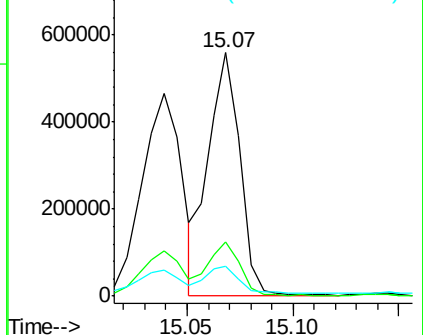
Delta R.T. 0.00 min

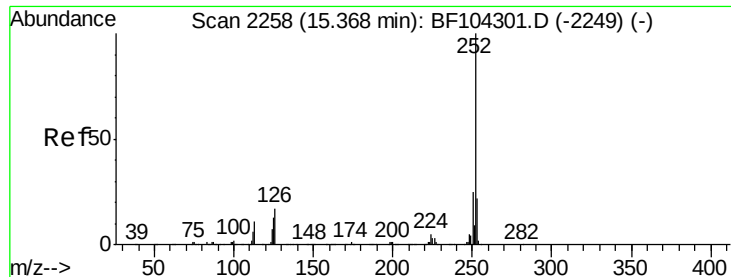
Lab File: BF104454.D

Acq: 12 Apr 2018 16:42

Tgt Ion:	252	Resp:	579738
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.9	26.9
125	12.3	10.2	15.2

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





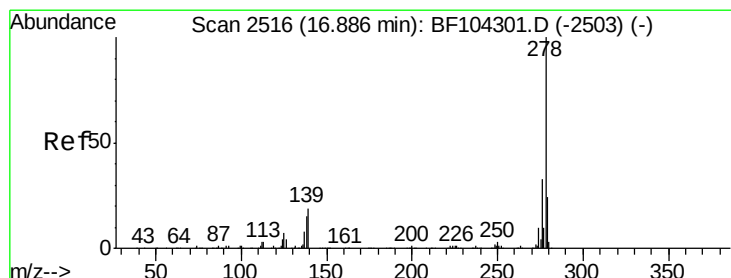
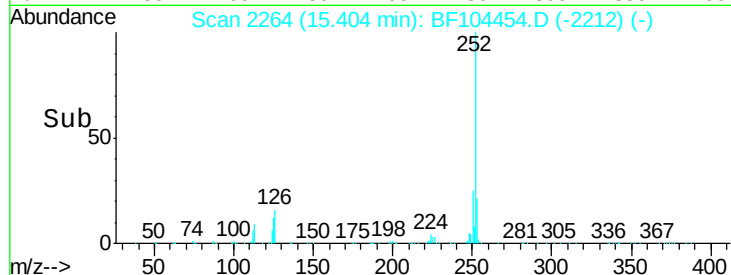
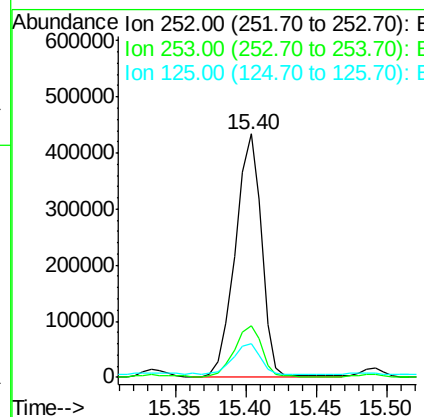
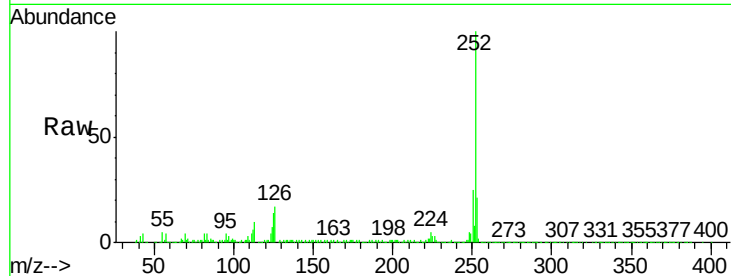
#89
Benzo(a)pyrene
Concen: 46.508 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.01 min
Lab File: BF104454.D
Acq: 12 Apr 2018 16:42

Instrument :
BNA_F
ClientSampled :
S3MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
253	21.4	17.1	25.7	
125	14.1	9.8	14.6	

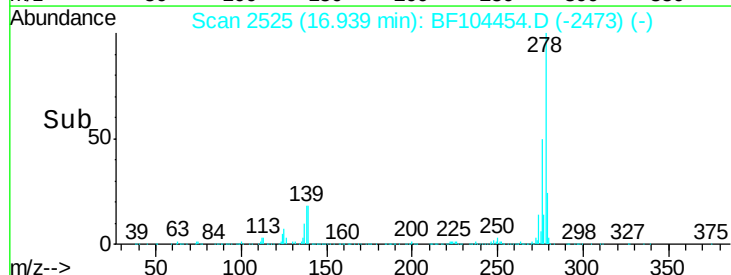
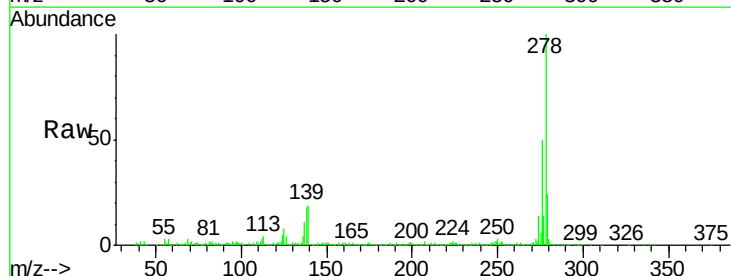
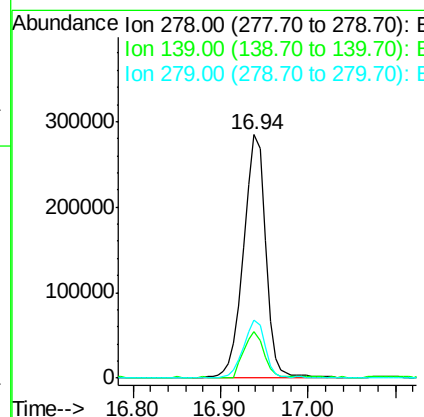
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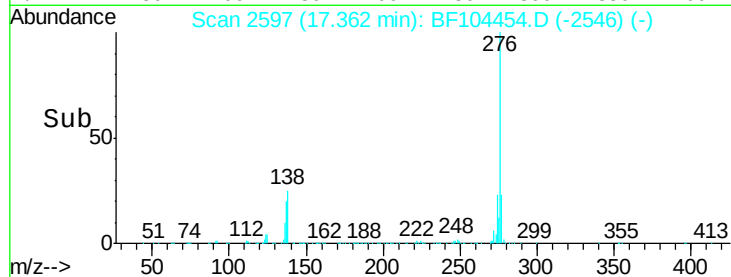
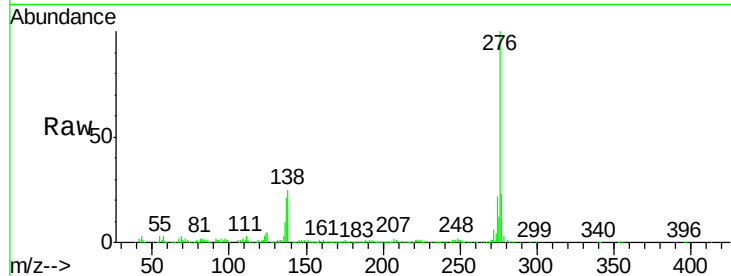
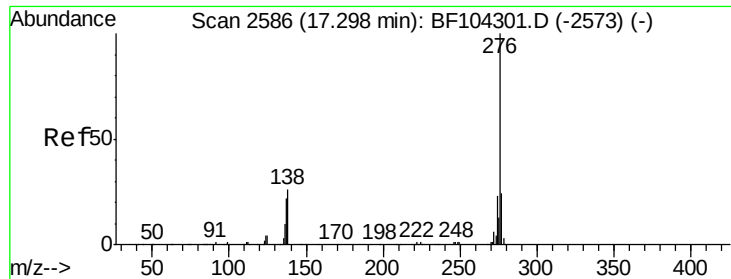
Sohil
4/13/2018 4:44:08 PM



#90
Dibenzo(a,h)anthracene
Concen: 48.715 ng
RT: 16.94 min Scan# 2525
Delta R.T. 0.01 min
Lab File: BF104454.D
Acq: 12 Apr 2018 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
278	100			
139	18.9	15.9	23.9	
279	23.8	19.0	28.4	





#91
 Benzo(a,h,i)perylene
 Concen: 49.052 ng
 RT: 17.36 min Scan# 2597
 Delta R.T. 0.00 min
 Lab File: BF104454.D
 Acq: 12 Apr 2018 16:42

Instrument :
 BNA_F
 ClientSampleId :
 S3MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.9	17.9	26.9
138	24.8	21.8	32.8

Manual Integrations
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