

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
 Data File : BF104082.D
 Acq On : 30 Mar 2018 6:10
 Operator : JU/SJ
 Sample : PB107808BSD
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB107808BSD

Manual Integrations
 APPROVED

Sohil
 3/30/2018 6:03:22 PM

Quant Time: Mar 30 07:31:39 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 13:41:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	107035	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	438181	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	185891	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	281562	20.00	ng	0.00
75) Chrysene-d12	14.16	240	211020	20.00	ng	0.00
86) Perylene-d12	15.70	264	203146	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	578631	86.21	ng	0.00
7) Phenol-d6	6.60	99	698457	84.59	ng	0.00
23) Nitrobenzene-d5	7.53	82	631302	88.11	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	154395	74.59	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1171536	99.38	ng	0.00
78) Terphenyl-d14	13.09	244	766562	83.88	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.89	88	104084	35.957	ng	# 87
3) Pyridine	3.67	79	230758	31.489	ng	# 85
4) n-Nitrosodimethylamine	3.65	42	75364m	34.599	ng	
6) Aniline	6.64	93	238488	24.126	ng	# 84
8) 2-Chlorophenol	6.76	128	331002	44.958	ng	95
9) Benzaldehyde	6.53	77	90815	17.802	ng	97
10) Phenol	6.62	94	360385	39.390	ng	98
11) bis(2-Chloroethyl)ether	6.70	93	342304	43.417	ng	93
12) 1,3-Dichlorobenzene	6.90	146	324125	39.164	ng	99
13) 1,4-Dichlorobenzene	6.99	146	376642	42.473	ng	99
14) 1,2-Dichlorobenzene	7.13	146	319961	40.143	ng	100
15) Benzyl Alcohol	7.11	79	217690	40.547	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.23	45	351542	40.928	ng	53
17) 2-Methylphenol	7.22	107	247324	41.274	ng	# 93
18) Hexachloroethane	7.47	117	105657	35.586	ng	96
19) n-Nitroso-di-n-propylamine	7.37	70	205668	41.969	ng	89
20) 3+4-Methylphenols	7.37	107	301926	39.480	ng	# 58
22) Acetophenone	7.37	105	443141	41.799	ng	# 96
24) Nitrobenzene	7.55	77	293303	38.906	ng	98
25) Isophorone	7.78	82	567424	42.972	ng	99
26) 2-Nitrophenol	7.87	139	148481	37.732	ng	89
27) 2,4-Dimethylphenol	7.90	122	275510	48.545	ng	97
28) bis(2-Chloroethoxy)methane	7.99	93	373298	45.107	ng	99
29) 2,4-Dichlorophenol	8.11	162	260281	43.908	ng	98
30) 1,2,4-Trichlorobenzene	8.19	180	275586	40.974	ng	98
31) Naphthalene	8.27	128	939578	43.892	ng	99
32) Benzoic acid	8.03	122	94064	22.625	ng	89
33) 4-Chloroaniline	8.33	127	138181	15.311	ng	95
34) Hexachlorobutadiene	8.37	225	149856	40.944	ng	99
35) Caprolactam	8.70	113	73540	39.125	ng	# 72
36) 4-Chloro-3-methylphenol	8.80	107	262622	41.885	ng	99
37) 2-Methylnaphthalene	8.96	142	583407	41.374	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	260092	45.627	ng	99
40) Hexachlorocyclopentadiene	9.10	237	48386	22.205	ng	97

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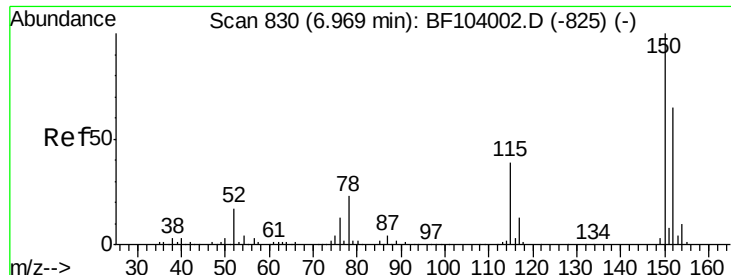
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	151820	42.060	nq	99
43) 2,4,5-Trichlorophenol	9.29	196	176668	40.536	nq	95
45) 1,1'-Biphenyl	9.42	154	700580	43.911	nq	99
46) 2-Chloronaphthalene	9.46	162	541210	43.004	nq	97
47) 2-Nitroaniline	9.56	65	150880	42.044	nq	98
48) Acenaphthylene	9.87	152	769805	40.376	nq	100
49) Dimethylphthalate	9.72	163	639025	43.540	nq	99
50) 2,6-Dinitrotoluene	9.79	165	129679	41.069	nq	93
51) Acenaphthene	10.04	154	469213	42.542	nq	100
52) 3-Nitroaniline	9.97	138	103609	28.545	nq	98
53) 2,4-Dinitrophenol	10.10	184	12279	13.859	nq	# 66
54) Dibenzofuran	10.22	168	673916	41.841	nq	98
55) 4-Nitrophenol	10.15	139	126283	58.024	nq	98
56) 2,4-Dinitrotoluene	10.20	165	154013	38.225	nq	96
57) Fluorene	10.56	166	519689	39.116	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	135980	41.644	nq	# 86
59) Diethylphthalate	10.42	149	588278	41.840	nq	98
60) 4-Chlorophenyl-phenylether	10.55	204	257441	42.189	nq	95
61) 4-Nitroaniline	10.60	138	107740	31.722	nq	91
62) Azobenzene	10.70	77	512628	40.321	nq	96
64) 4,6-Dinitro-2-methylphenol	10.62	198	16835	9.878	nq	94
65) n-Nitrosodiphenylamine	10.67	169	473157	49.620	nq	99
66) 4-Bromophenyl-phenylether	11.04	248	140553	46.660	nq	89
67) Hexachlorobenzene	11.10	284	148049	42.726	nq	94
68) Atrazine	11.19	200	133816	45.807	nq	99
69) Pentachlorophenol	11.30	266	118912	62.363	nq	95
70) Phenanthrene	11.53	178	625204	41.013	nq	98
71) Anthracene	11.58	178	699098	43.905	nq	99
72) Carbazole	11.74	167	602723	39.660	nq	98
73) Di-n-butylphthalate	12.05	149	802949	44.356	nq	99
74) Fluoranthene	12.72	202	595225	36.734	nq	96
76) Benzidine	12.85	184	442192	73.532	nq	98
77) Pyrene	12.95	202	581436	38.330	nq	99
79) Butylbenzylphthalate	13.55	149	270448	37.842	nq	95
80) Benzo(a)anthracene	14.14	228	543473	41.160	nq	99
81) 3,3'-Dichlorobenzidine	14.10	252	197664	45.226	nq	99
82) Chrysene	14.19	228	556779	43.052	nq	98
83) Bis(2-ethylhexyl)phthalate	14.10	149	345066	37.369	nq	98
84) Di-n-octyl phthalate	14.73	149	642469	40.447	nq	# 94
85) Indeno(1,2,3-cd)pyrene	17.30	276	491191	36.652	nq	97
87) Benzo(b)fluoranthene	15.24	252	511558	41.377	nq	99
88) Benzo(k)fluoranthene	15.27	252	571060	49.034	nq	98
89) Benzo(a)pyrene	15.64	252	519900	45.379	nq	99
90) Dibenzo(a,h)anthracene	17.30	278	423905	40.019	nq	97
91) Benzo(g,h,i)perylene	17.77	276	386509	36.429	nq	95

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



#1

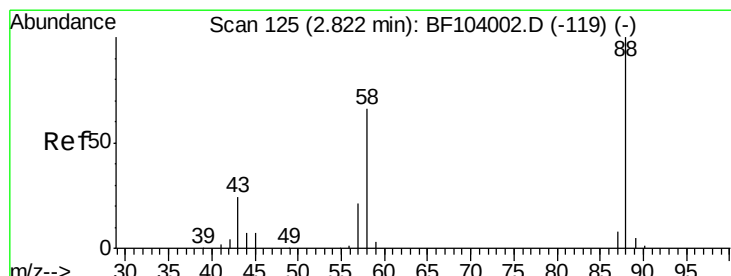
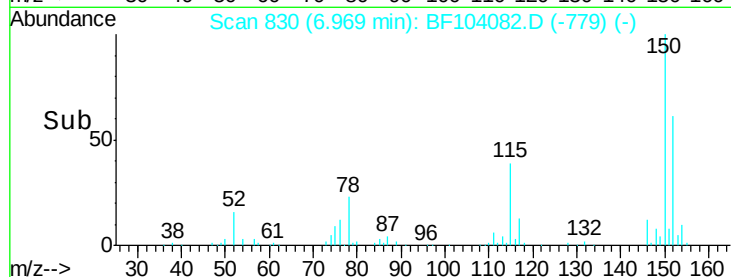
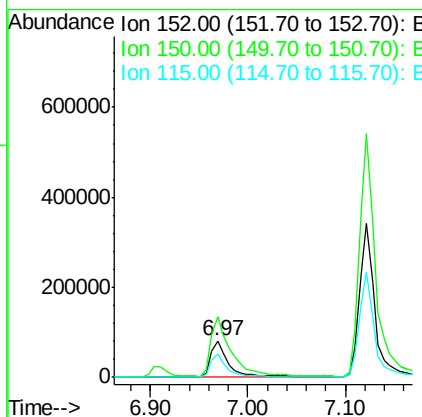
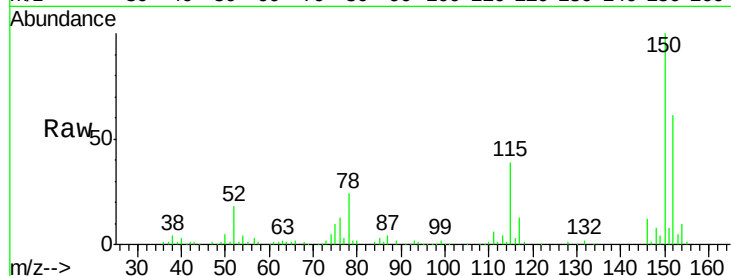
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BF104082.D
 Acq: 30 Mar 2018 6:10

Instrument :
 BNA_F
 ClientSampleId :
 PB107808BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.7	124.6	186.8
115	63.8	50.1	75.1

Manual Integrations
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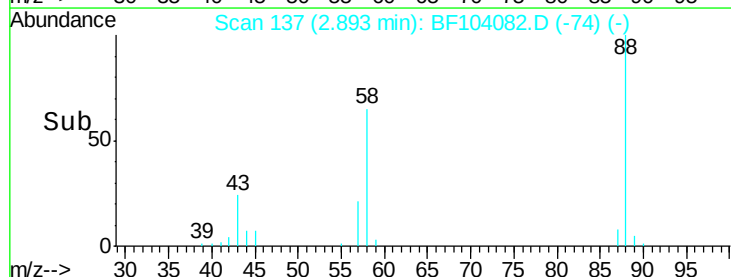
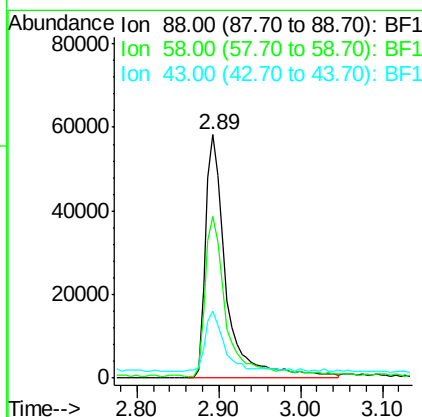
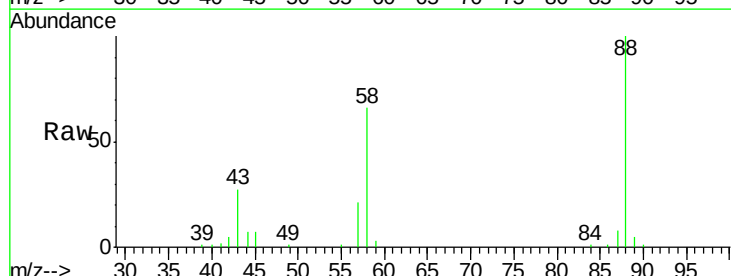
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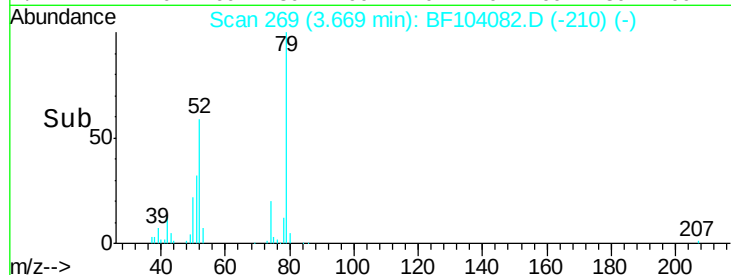
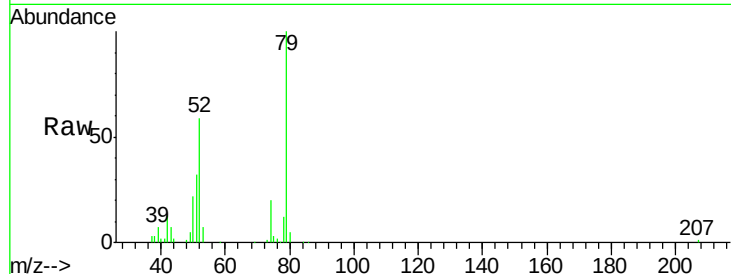
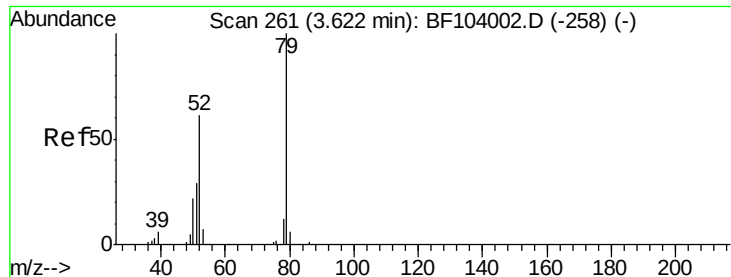


#2

1,4-Dioxane
 Concen: 35.957 ng
 RT: 2.89 min Scan# 137
 Delta R.T. 0.07 min
 Lab File: BF104082.D
 Acq: 30 Mar 2018 6:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.9	62.6	93.8
43	21.7	24.6	37.0





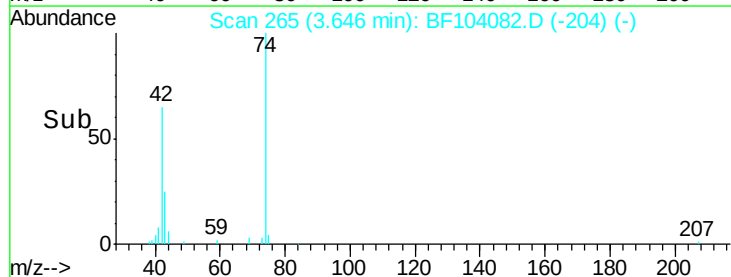
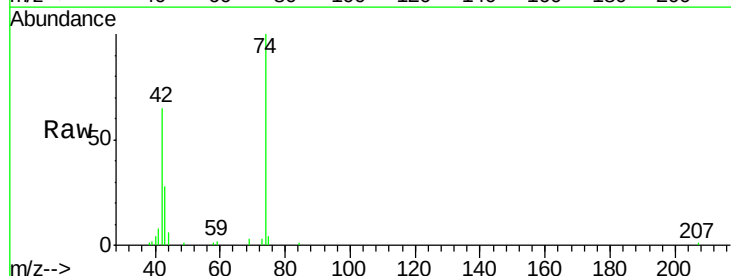
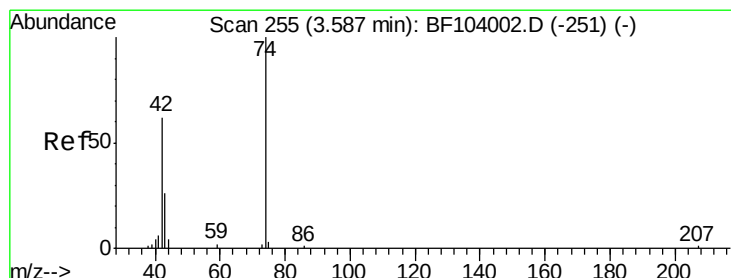
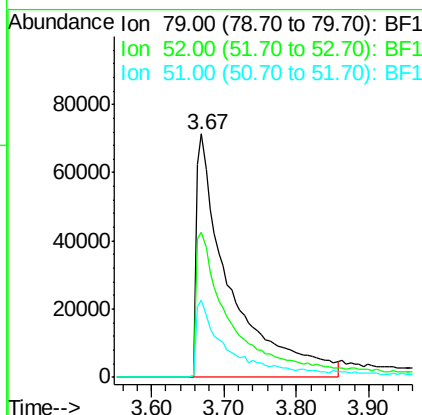
#3
Pvridine
Concen: 31.489 ng
RT: 3.67 min Scan# 269
Delta R.T. 0.05 min
Lab File: BF104082.D
Acq: 30 Mar 2018 6:10

Tot Ion	Ratio	Resp	Lower	Upper
79	100	230758		
52	59.4		59.8	89.6#
51	31.6		29.8	44.8

Instrument :
BNA_F
ClientSampleId :
PB107808BSD

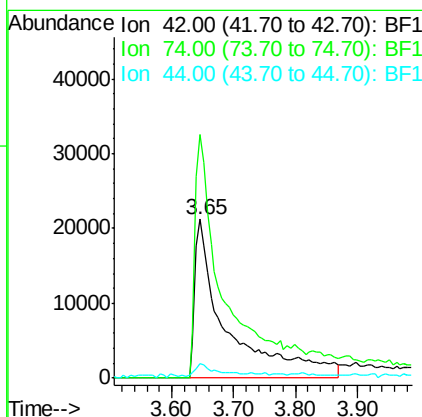
Manual Integrations
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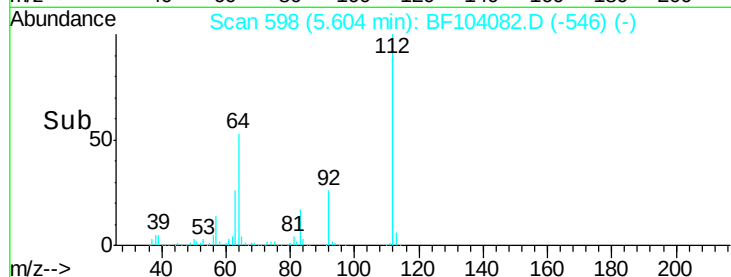
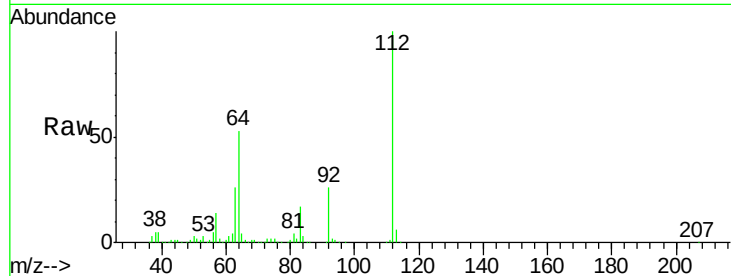
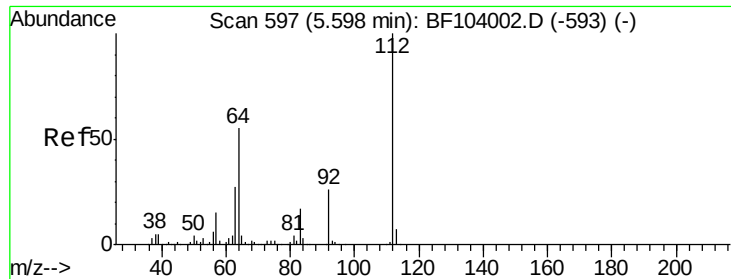
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#4
n-Nitrosodimethylamine
Concen: 34.599 ng m
RT: 3.65 min Scan# 265
Delta R.T. 0.06 min
Lab File: BF104082.D
Acq: 30 Mar 2018 6:10

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	75364		
74	153.3		104.9	157.3
44	9.1		6.9	10.3





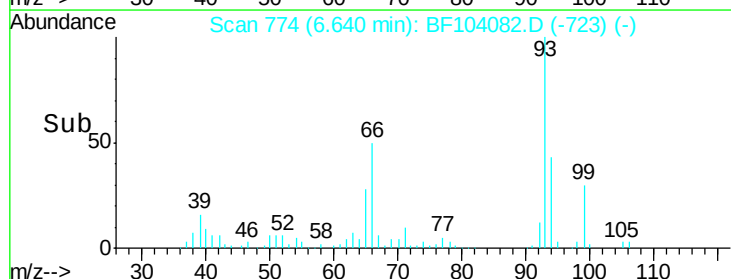
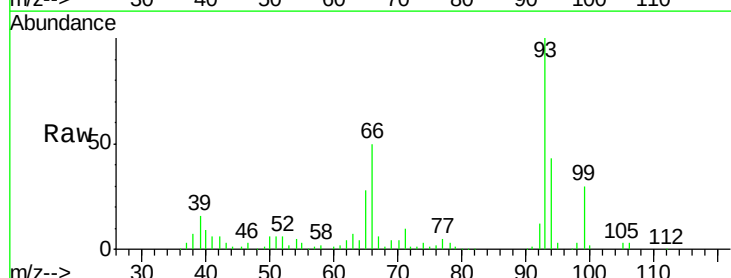
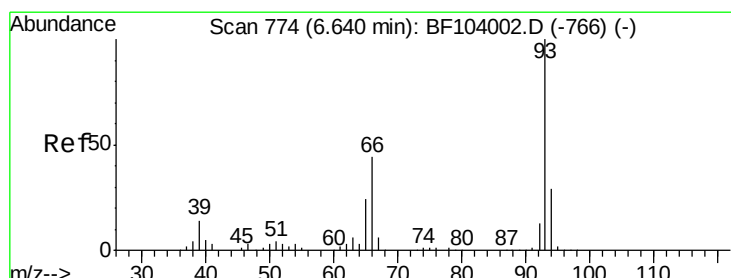
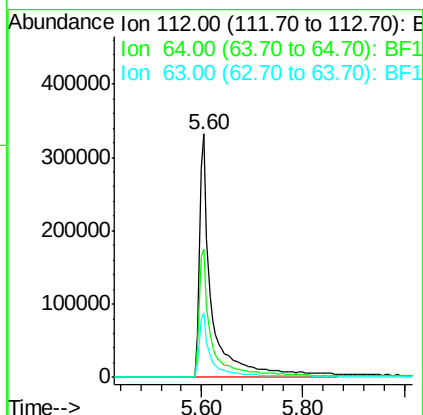
#5
2-Fluorophenol
Concen: 86.212 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF104082.D
Acq: 30 Mar 2018 6:10

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	52.8	47.9	71.9
63	26.3	23.7	35.5

Instrument :
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ClientSampleId :
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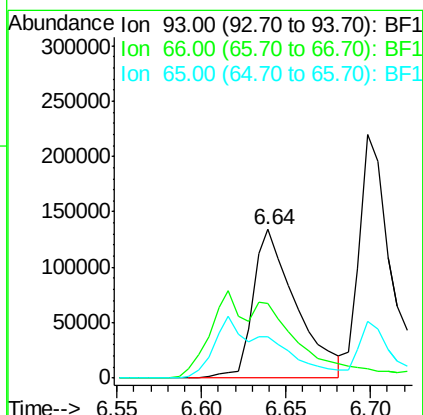
Manual Integrations
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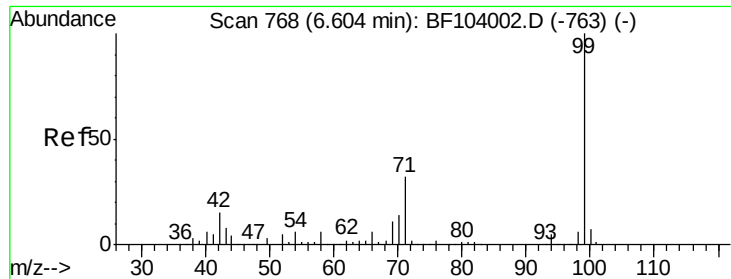
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#6
Aniline
Concen: 24.126 ng
RT: 6.64 min Scan# 774
Delta R.T. -0.00 min
Lab File: BF104082.D
Acq: 30 Mar 2018 6:10

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	50.1	32.2	48.2#
65	28.2	16.4	24.6#





#7

Phenol-d6

Concen: 84.585 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF104082.D

Acq: 30 Mar 2018 6:10

Instrument :

BNA_F

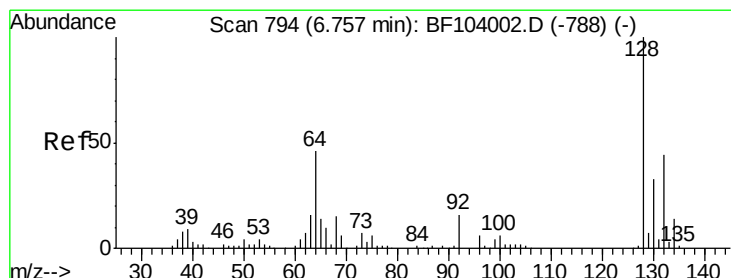
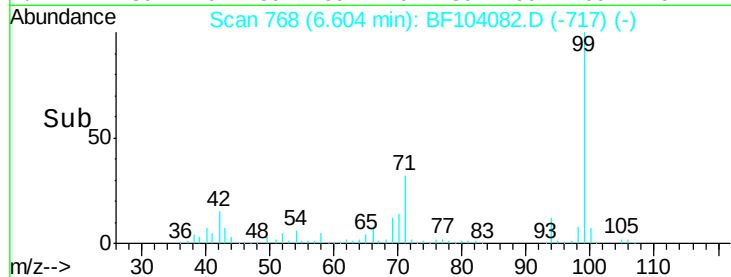
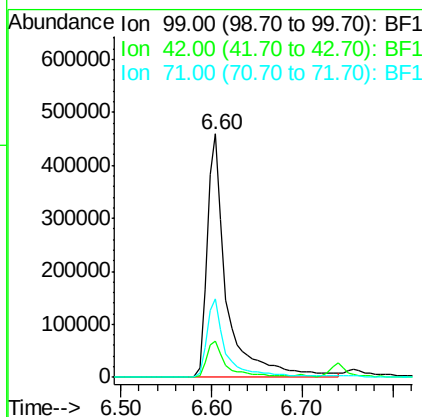
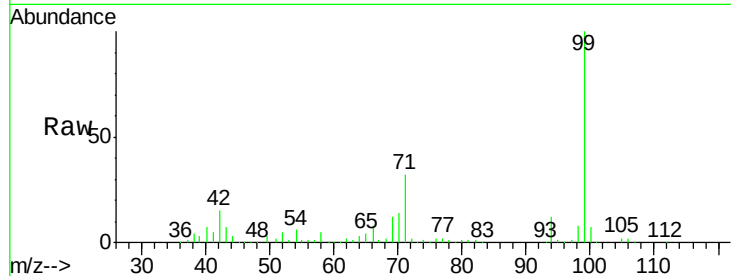
ClientSampleId :

PB107808BSD

Tot Ion:	99	Resp:	698457
Ion Ratio	Lower	Upper	
99	100		
42	14.8	14.5	21.7
71	32.2	25.4	38.0

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#8

2-Chlorophenol

Concen: 44.958 ng

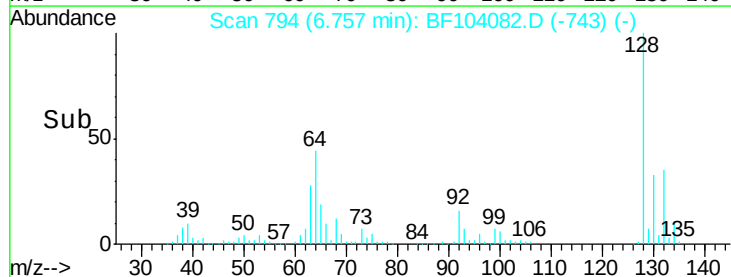
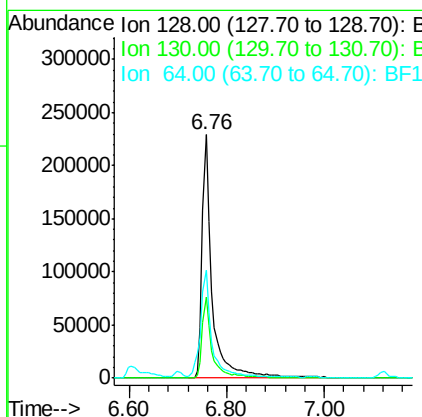
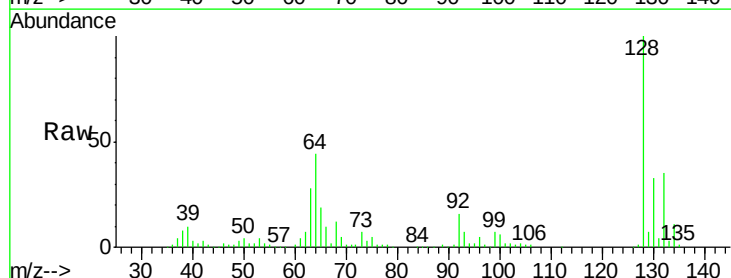
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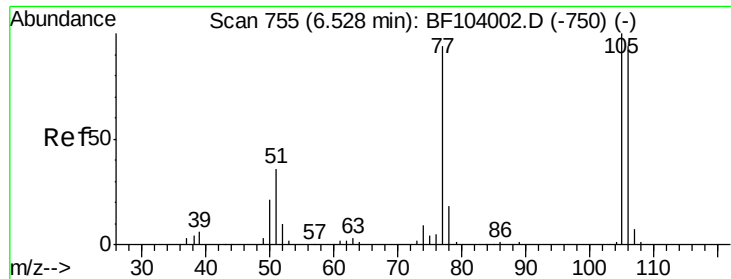
Delta R.T. -0.00 min

Lab File: BF104082.D

Acq: 30 Mar 2018 6:10

Tgt Ion:	128	Resp:	331002
Ion Ratio	Lower	Upper	
128	100		
130	33.3	13.0	53.0
64	44.2	29.4	69.4





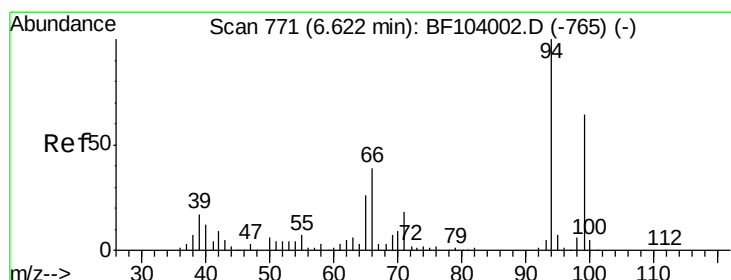
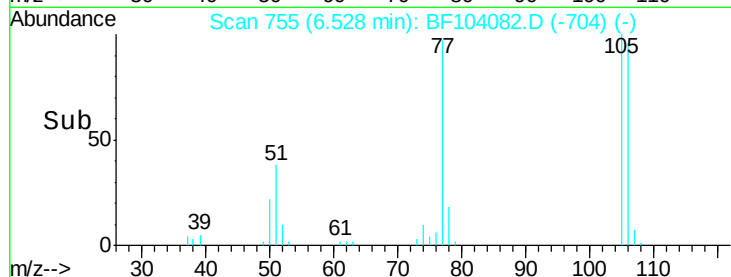
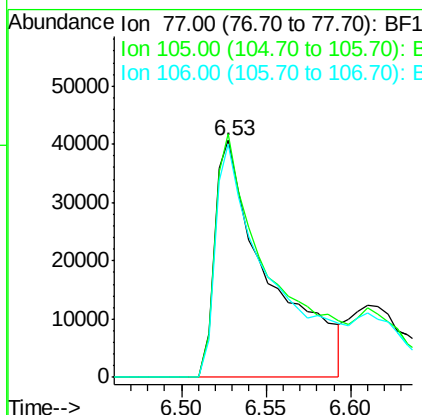
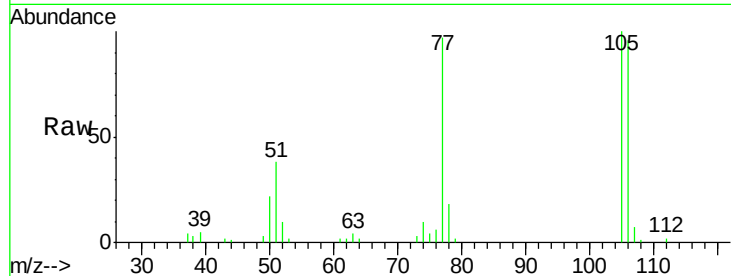
#9
Benzaldehyde
Concen: 17.802 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.00 min
Lab File: BF104082.D
Acq: 30 Mar 2018 6:10

Instrument :
BNA_F
ClientSampleId :
PB107808BSD

Tot Ion: 77 Resp: 90815
Ion Ratio Lower Upper
77 100
105 102.9 81.1 121.1
106 98.7 74.5 114.5

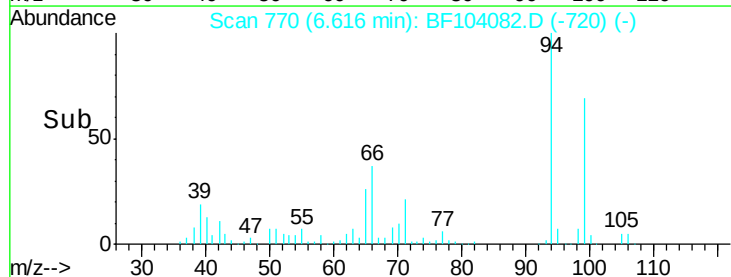
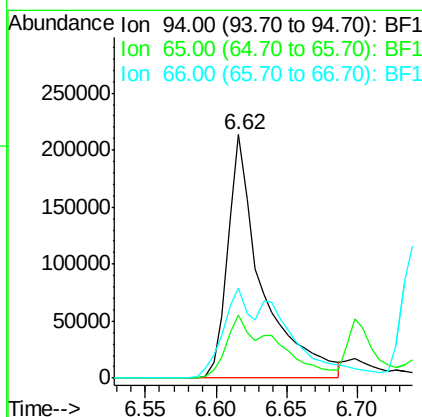
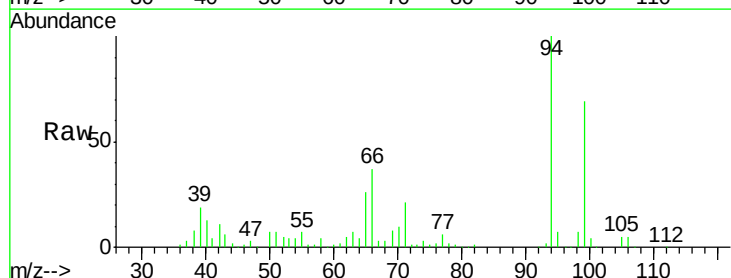
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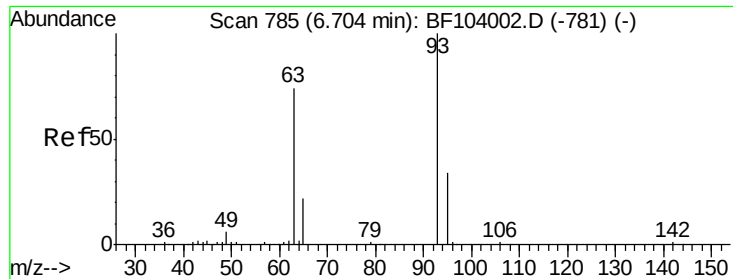
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#10
Phenol
Concen: 39.390 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.01 min
Lab File: BF104082.D
Acq: 30 Mar 2018 6:10

Tgt Ion: 94 Resp: 360385
Ion Ratio Lower Upper
94 100
65 26.2 7.9 47.9
66 37.1 16.2 56.2





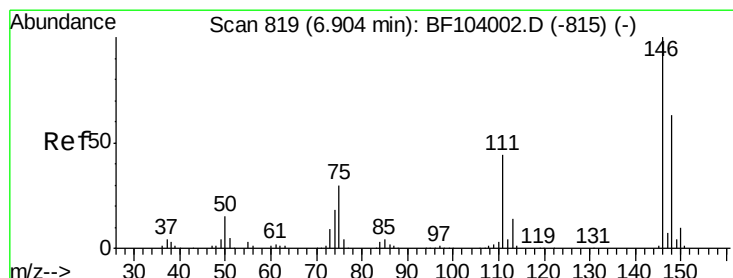
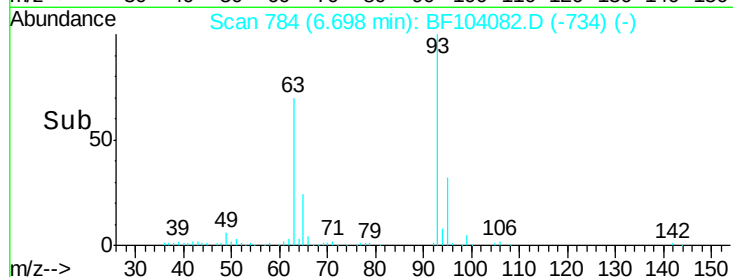
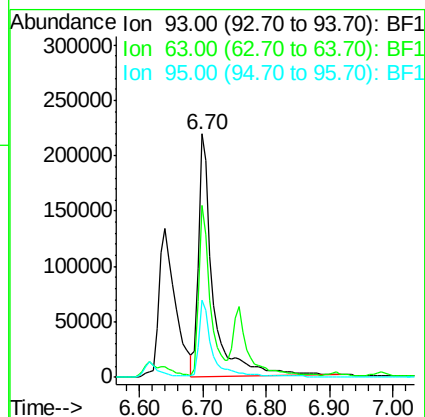
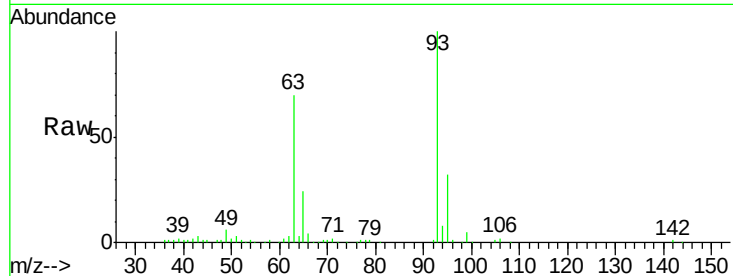
#11
bis(2-Chloroethyl)ether
Concen: 43.417 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF104082.D
Acq: 30 Mar 2018 6:10

Instrument :
BNA_F
ClientSampleId :
PB107808BSD

Tot Ion:	93	Resp:	342304
Ion Ratio	Lower	Upper	
93	100		
63	70.4	58.6	98.6
95	31.6	11.8	51.8

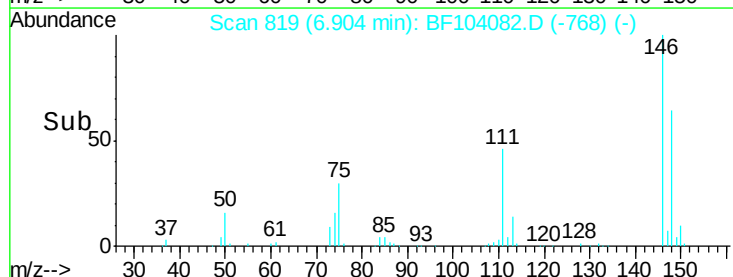
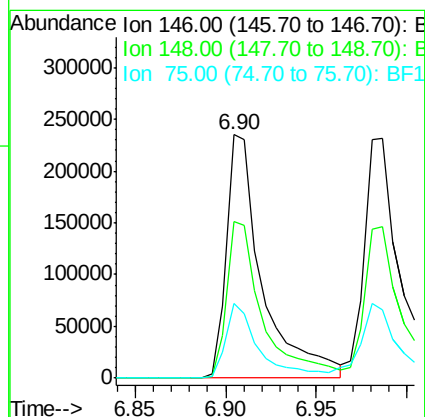
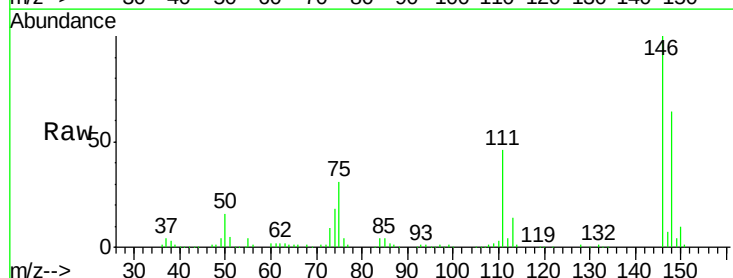
Manual Integrations
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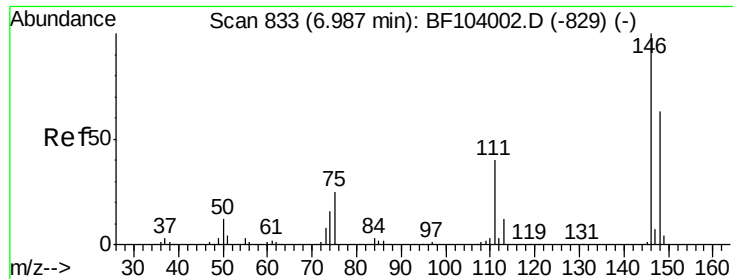
Sohil
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#12
1,3-Dichlorobenzene
Concen: 39.164 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF104082.D
Acq: 30 Mar 2018 6:10

Tgt Ion:	146	Resp:	324125
Ion Ratio	Lower	Upper	
146	100		
148	64.3	51.8	77.8
75	30.9	24.2	36.4





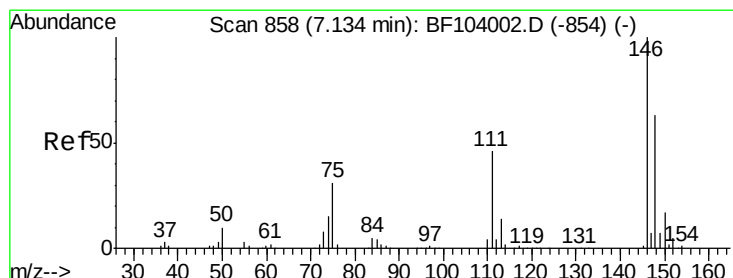
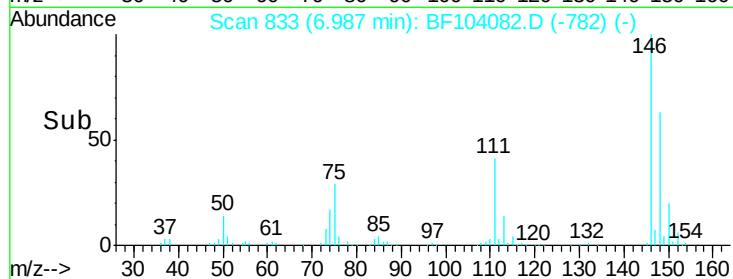
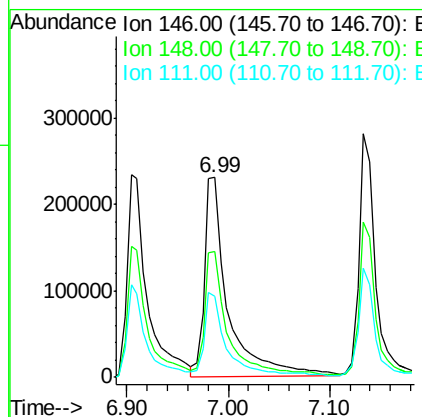
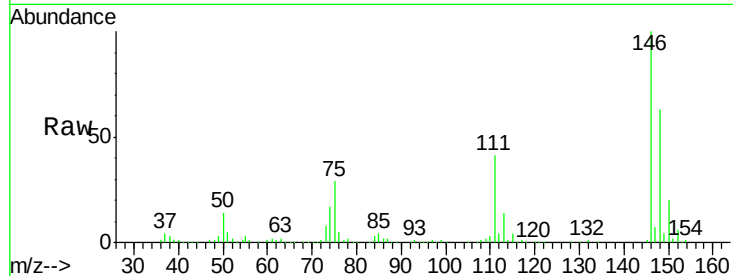
#13
 1,4-Dichlorobenzene
 Concen: 42.473 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BF104082.D
 Acq: 30 Mar 2018 6:10

Instrument :
 BNA_F
 ClientSampleId :
 PB107808BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.8	76.2
111	40.8	34.2	51.2

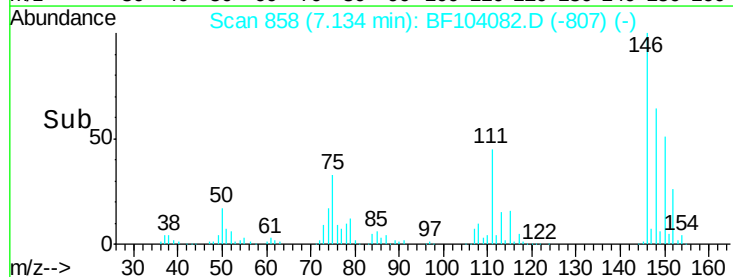
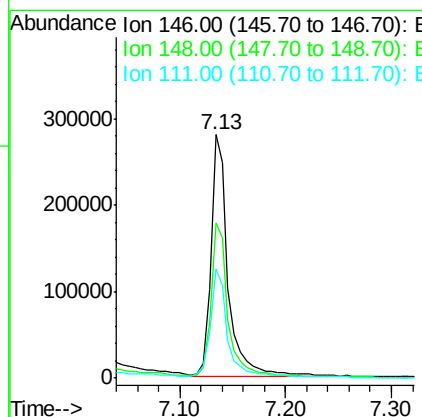
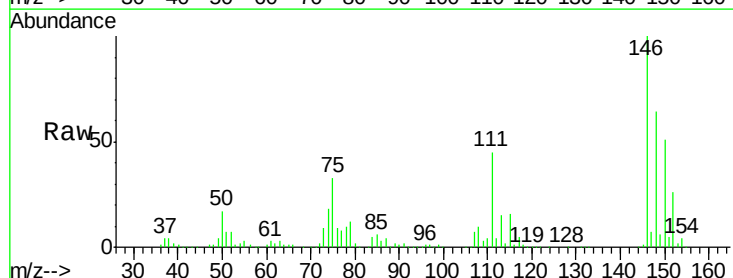
Manual Integrations
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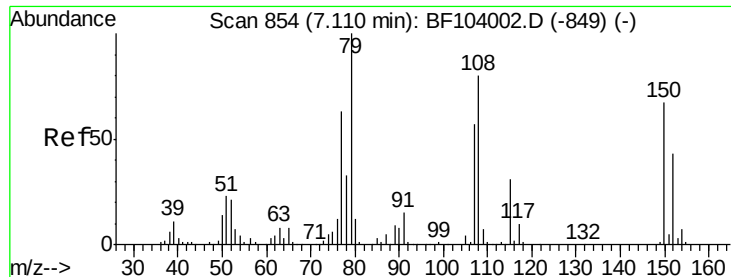
Sohil
 3/30/2018 6:03:22 PM



#14
 1,2-Dichlorobenzene
 Concen: 40.143 ng
 RT: 7.13 min Scan# 858
 Delta R.T. -0.00 min
 Lab File: BF104082.D
 Acq: 30 Mar 2018 6:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.6	75.8
111	44.8	36.0	54.0





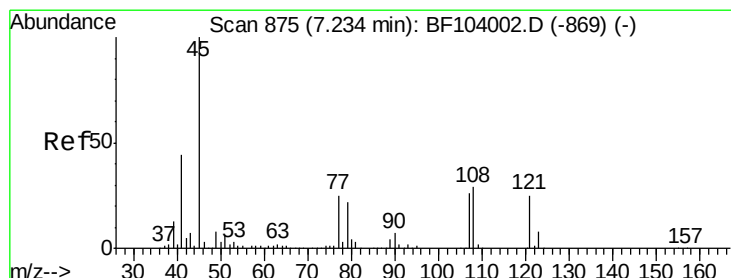
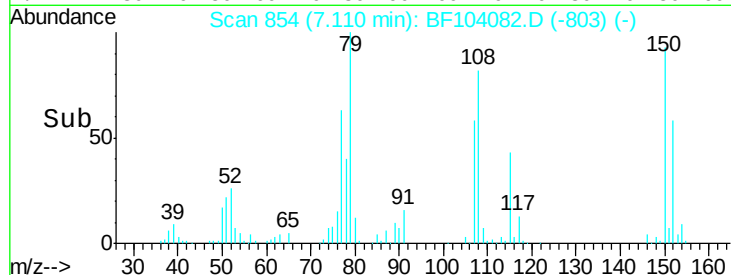
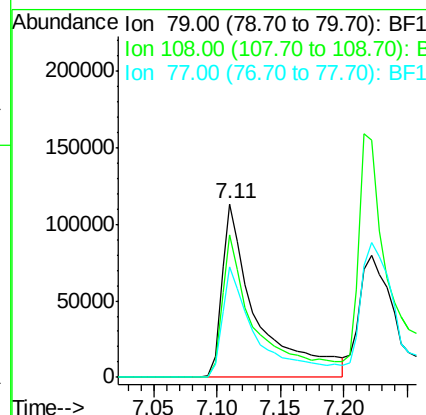
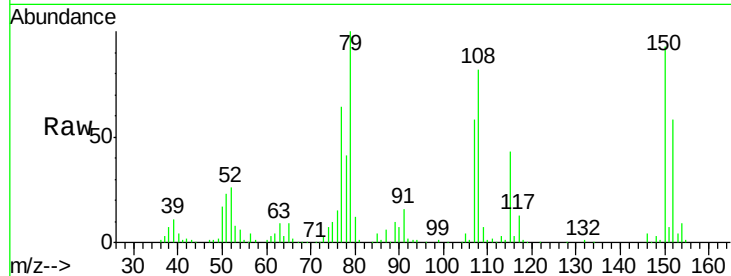
#15
Benzyl Alcohol
Concen: 40.547 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF104082.D
Acq: 30 Mar 2018 6:10

Instrument :
BNA_F
ClientSampled :
PB107808BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.0	65.1	97.7
77	63.6	50.6	75.8

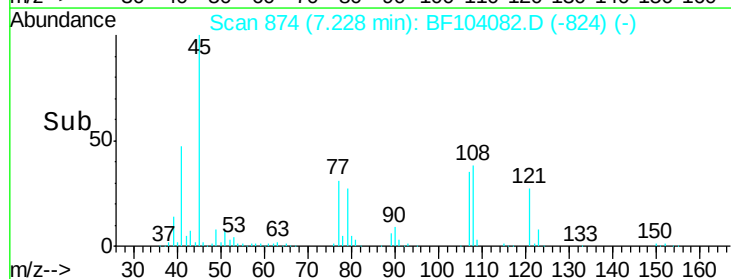
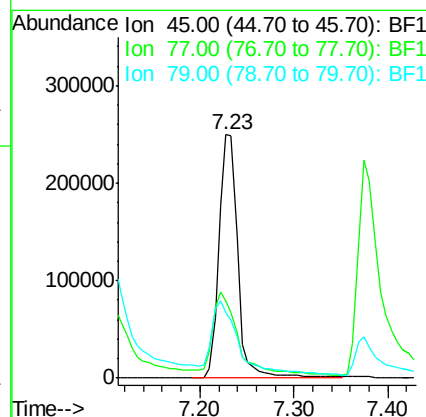
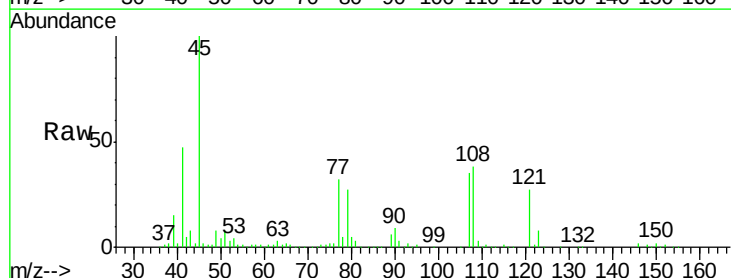
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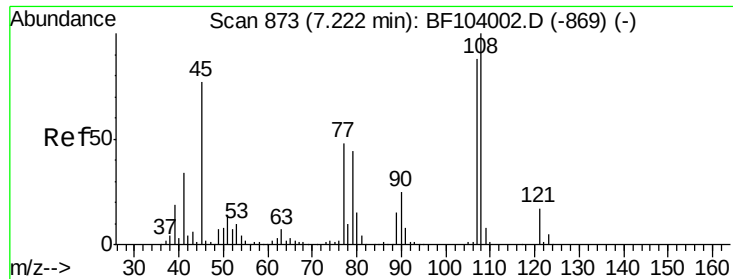
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.928 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF104082.D
Acq: 30 Mar 2018 6:10

Tgt Ion	Ratio	Lower	Upper
45	100		
77	31.7	0.0	32.9
79	27.0	0.0	29.6





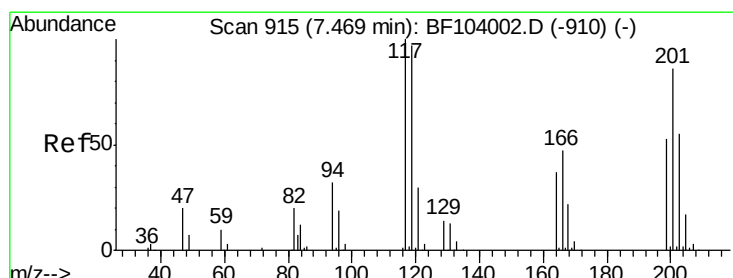
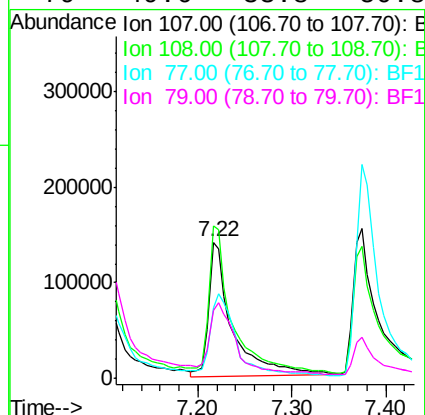
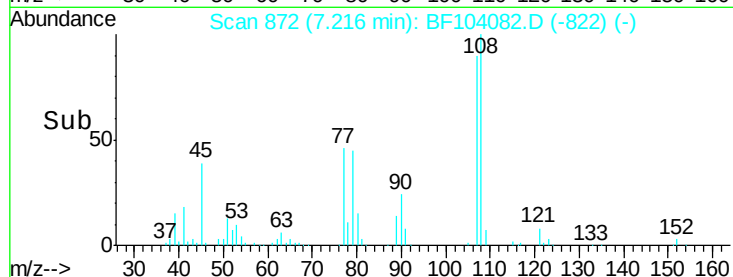
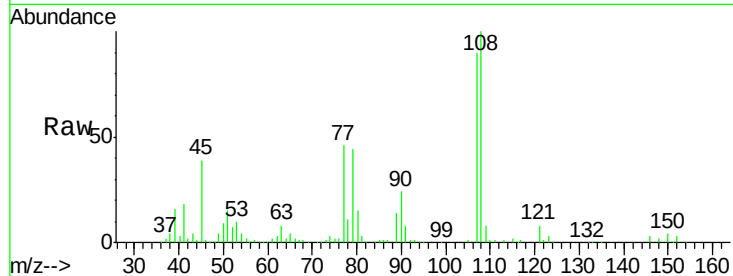
#17
2-Methylphenol
Concen: 41.274 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF104082.D
Acq: 30 Mar 2018 6:10

Instrument :
BNA_F
ClientSampleId :
PB107808BSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.6	91.7	137.5
77	51.3	33.8	50.8
79	49.6	33.8	50.8

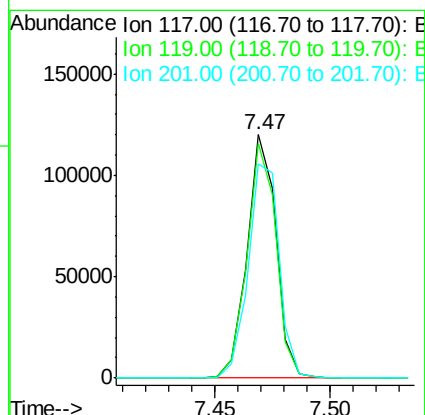
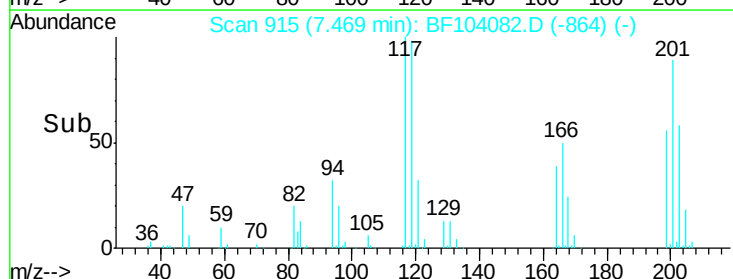
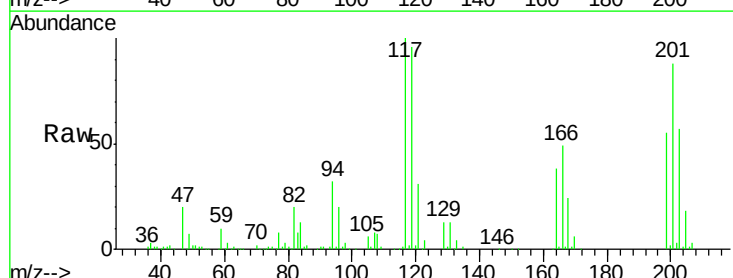
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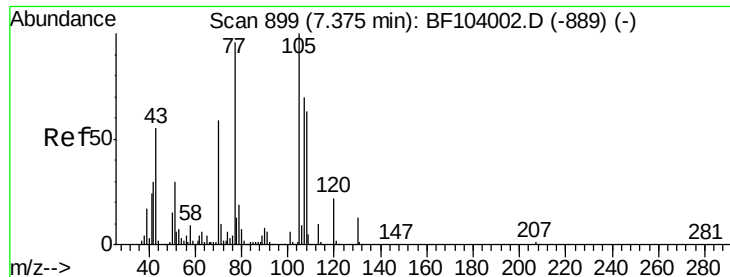
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#18
Hexachloroethane
Concen: 35.586 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.00 min
Lab File: BF104082.D
Acq: 30 Mar 2018 6:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	75.8	113.8
201	88.2	75.7	113.5





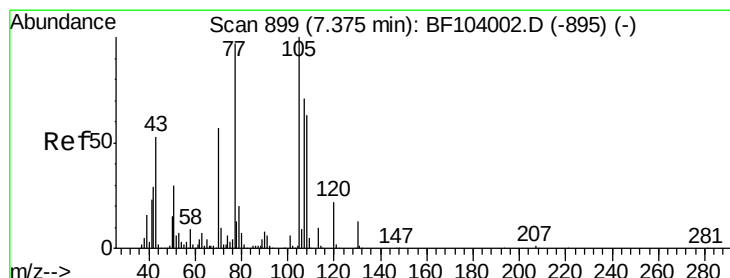
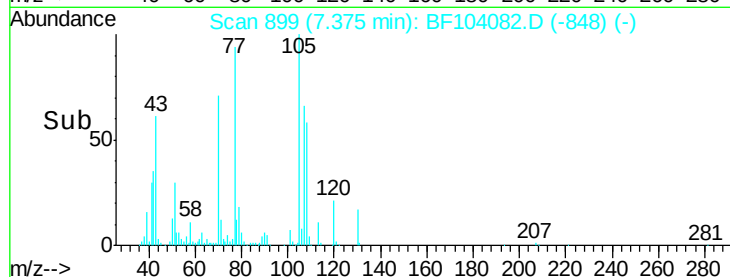
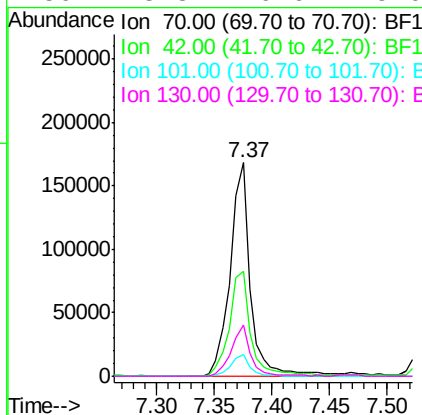
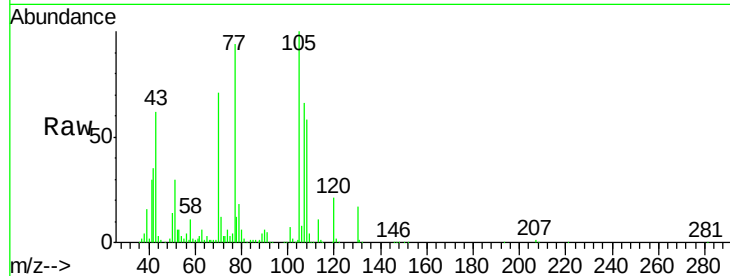
#19
n-Nitroso-di-n-propylamine
Concen: 41.969 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF104082.D
Acq: 30 Mar 2018 6:10

Instrument :
BNA_F
ClientSampleId :
PB107808BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	49.4	47.5	71.3
101	10.4	7.4	11.2
130	23.8	16.6	25.0

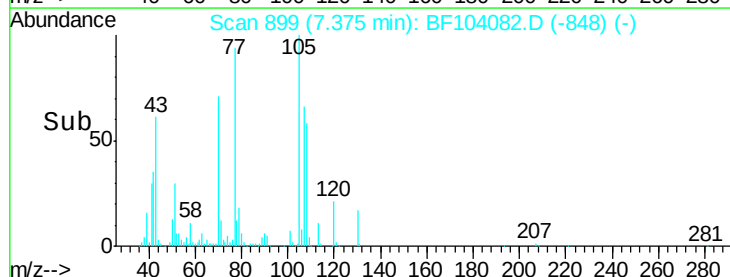
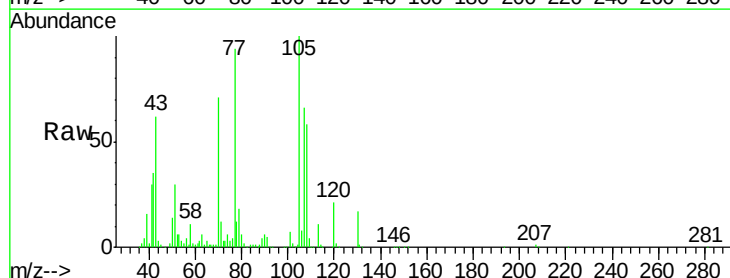
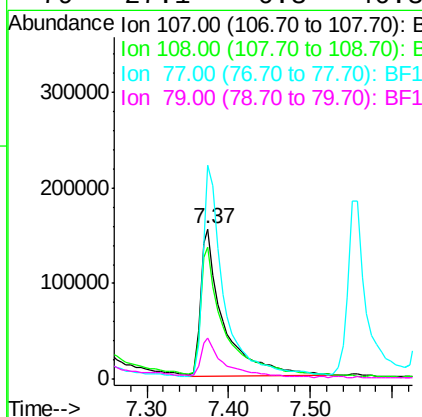
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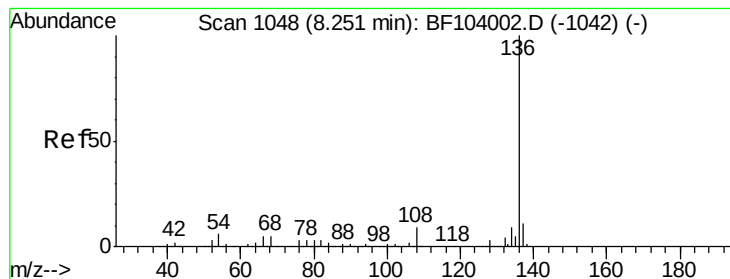
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#20
3+4-Methylphenols
Concen: 39.480 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF104082.D
Acq: 30 Mar 2018 6:10

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.3	68.2	108.2
77	142.5	26.7	66.7#
79	27.1	6.3	46.3





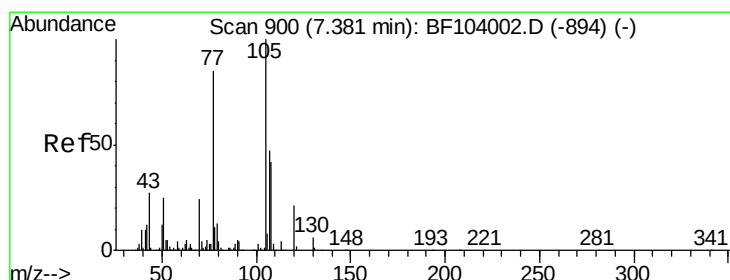
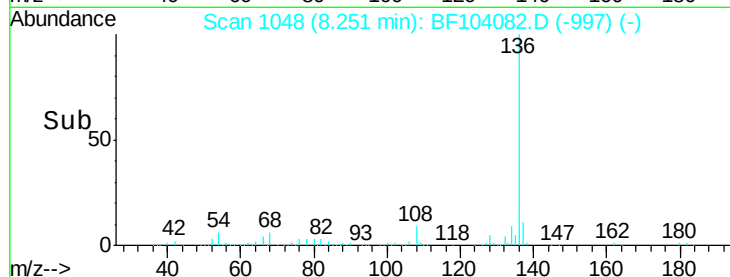
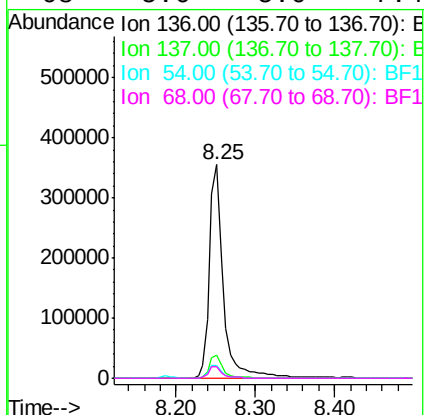
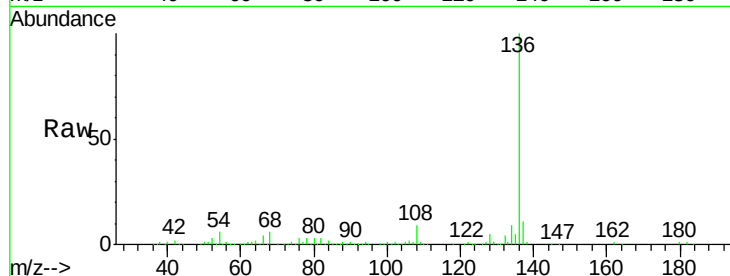
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF104082.D
Acq: 30 Mar 2018 6:10

Instrument :
BNA_F
ClientSampleId :
PB107808BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		438181		
137	11.0		8.9	13.3	
54	6.1		6.6	9.8#	
68	5.6		5.0	7.4	

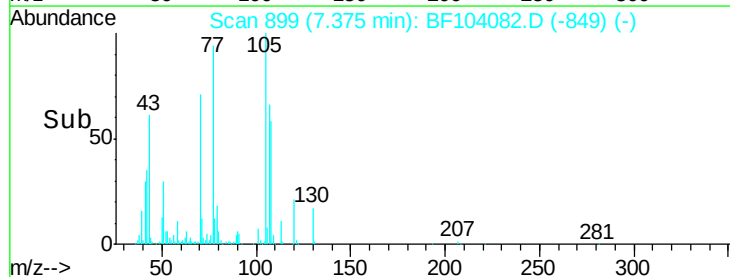
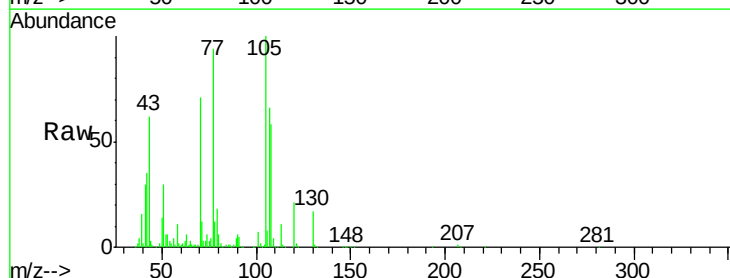
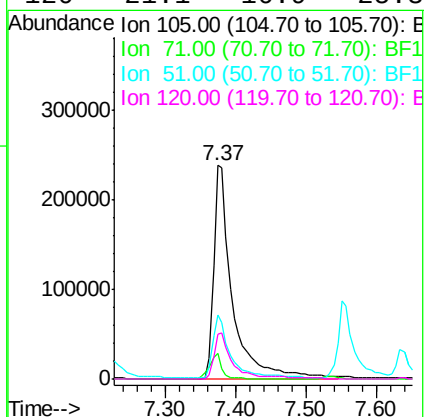
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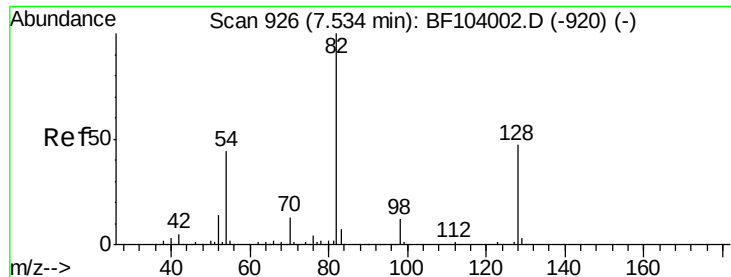
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#22
Acetophenone
Concen: 41.799 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF104082.D
Acq: 30 Mar 2018 6:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		443141		
71	11.8		4.4	6.6#	
51	30.0		22.3	33.5	
120	21.1		16.9	25.3	





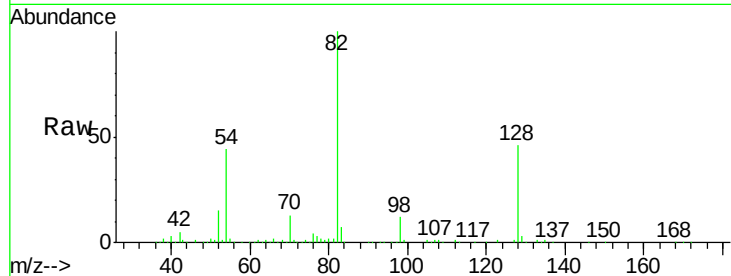
#23
 Nitrobenzene-d5
 Concen: 88.109 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.00 min
 Lab File: BF104082.D
 Acq: 30 Mar 2018 6:10

Instrument :
 BNA_F
 ClientSampleId :
 PB107808BSD

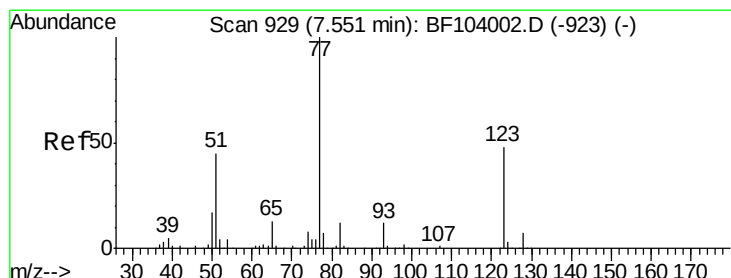
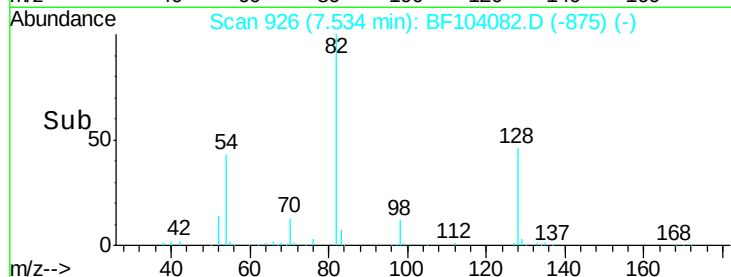
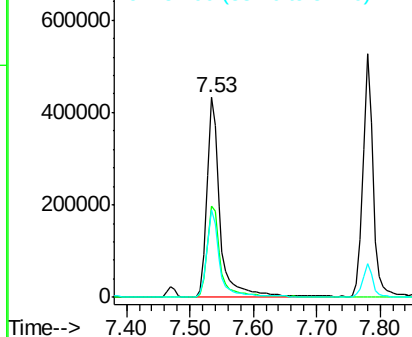
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.1	54.1
54	43.8	41.4	62.2

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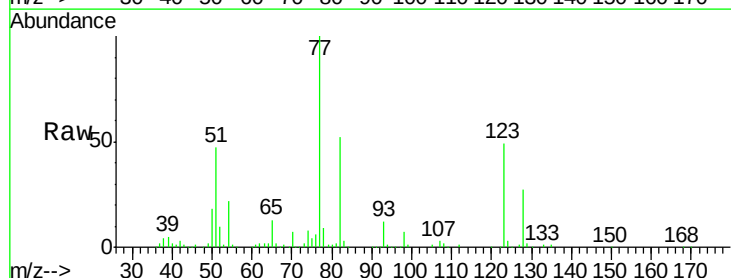


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

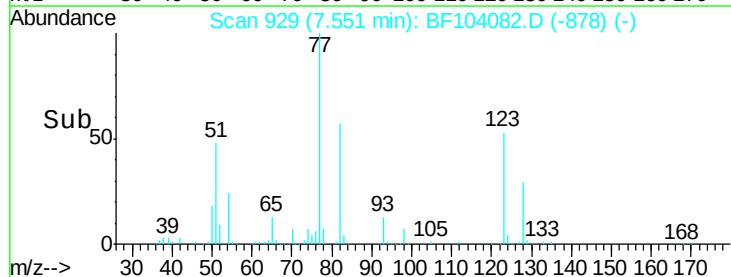
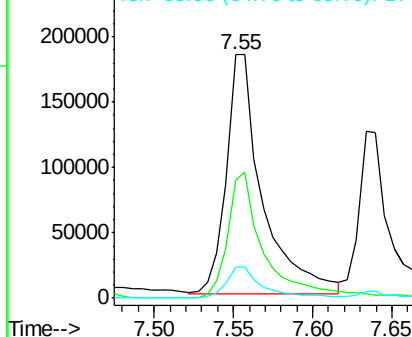


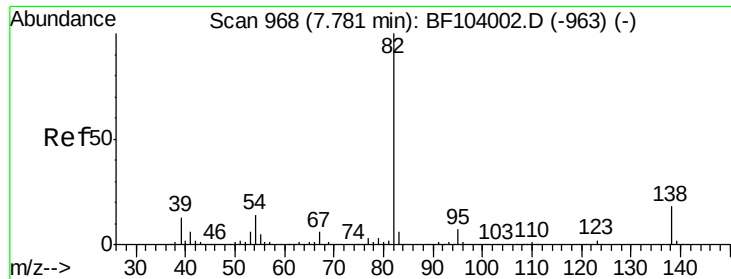
#24
 Nitrobenzene
 Concen: 38.906 ng
 RT: 7.55 min Scan# 929
 Delta R.T. -0.00 min
 Lab File: BF104082.D
 Acq: 30 Mar 2018 6:10

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.7	37.9	56.9
65	12.7	11.0	16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 42.972 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF104082.D

Acq: 30 Mar 2018 6:10

Instrument :

BNA_F

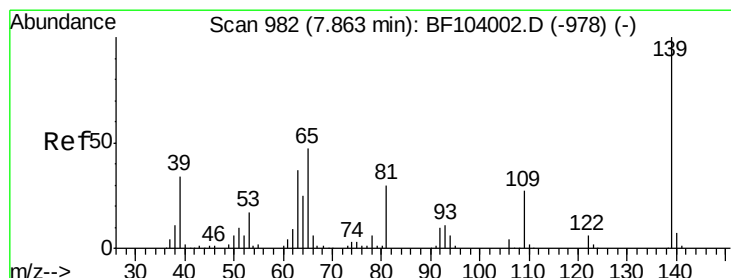
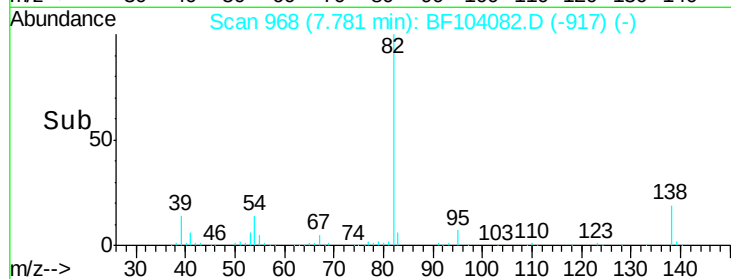
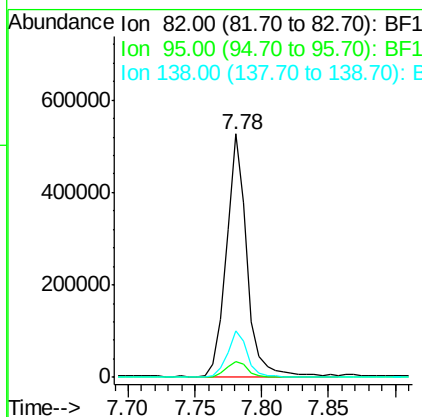
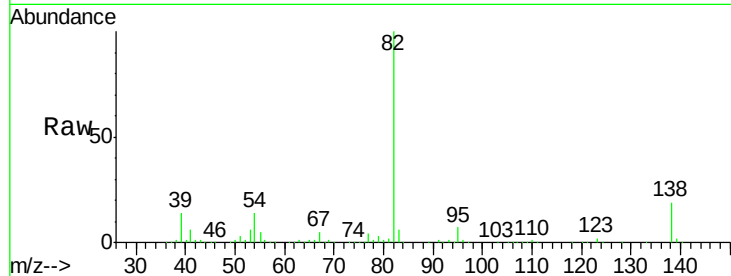
ClientSampleId :

PB107808BSD

Tot Ion:	82	Resp:	567424
Ion Ratio		Lower	Upper
82	100		
95	6.7	5.2	7.8
138	18.9	14.9	22.3

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#26

2-Nitrophenol

Concen: 37.732 ng

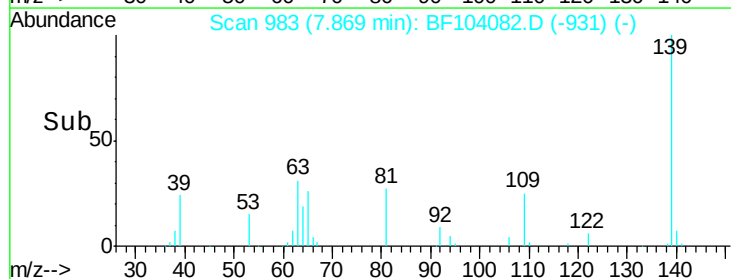
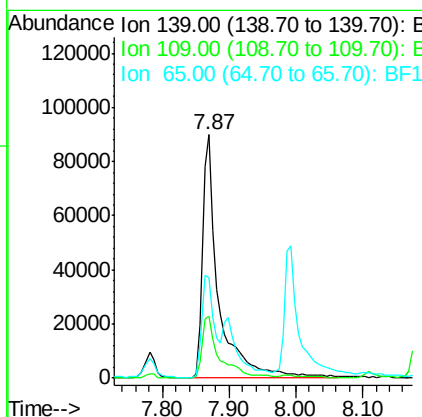
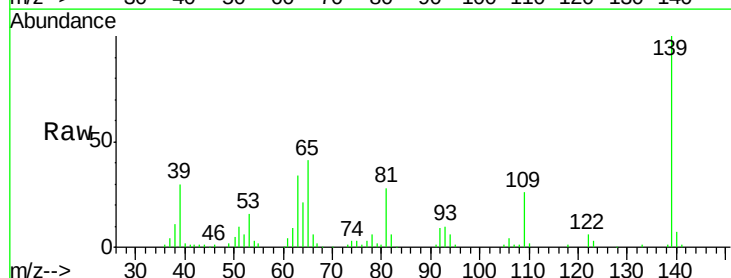
RT: 7.87 min Scan# 983

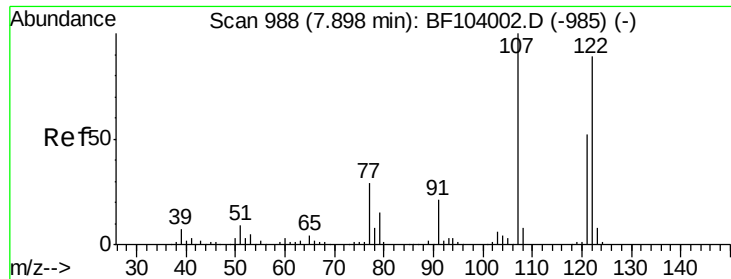
Delta R.T. 0.01 min

Lab File: BF104082.D

Acq: 30 Mar 2018 6:10

Tgt Ion:	139	Resp:	148481
Ion Ratio		Lower	Upper
139	100		
109	25.5	22.7	34.1
65	41.1	40.5	60.7





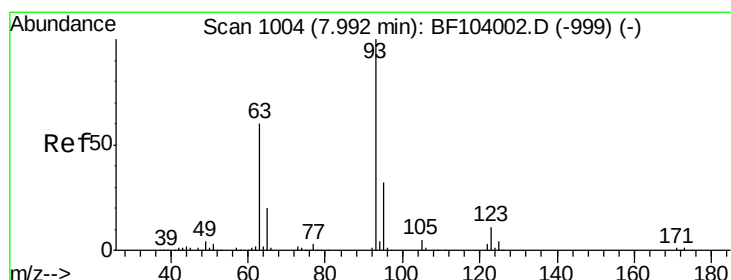
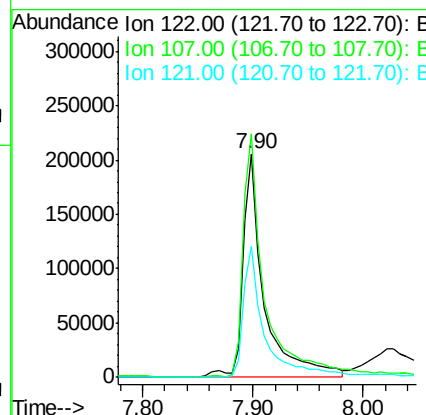
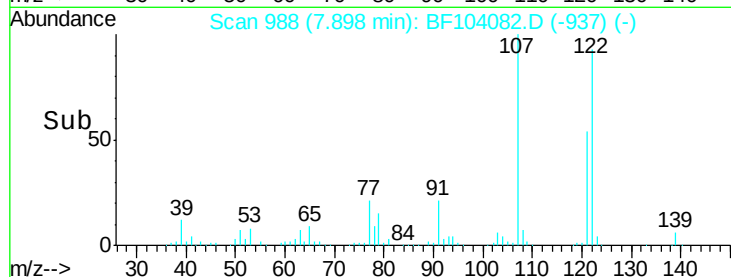
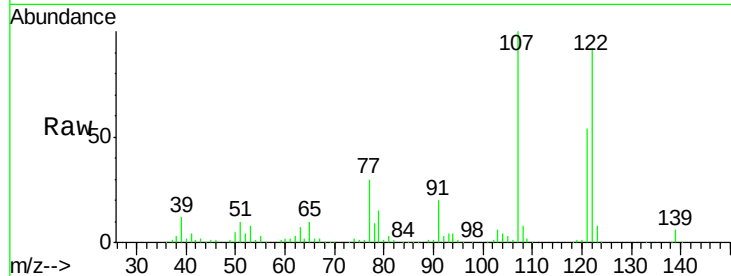
#27
2,4-Dimethylphenol
Concen: 48.545 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.00 min
Lab File: BF104082.D
Acq: 30 Mar 2018 6:10

Instrument :
BNA_F
ClientSampleId :
PB107808BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.0	91.2	136.8
121	58.6	47.2	70.8

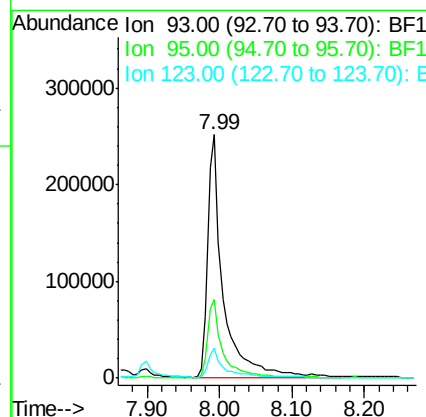
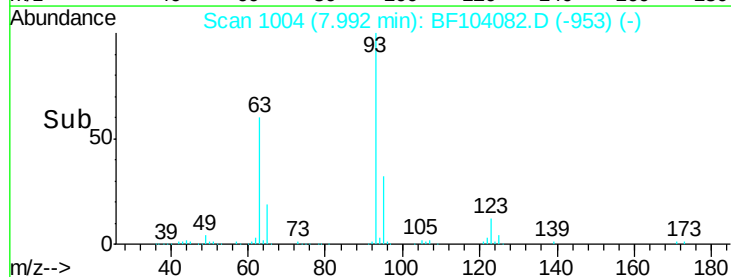
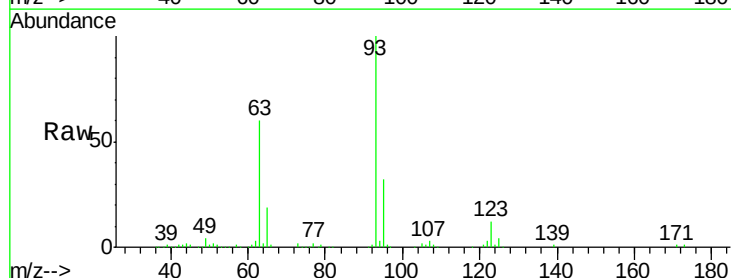
Manual Integrations
APPROVED

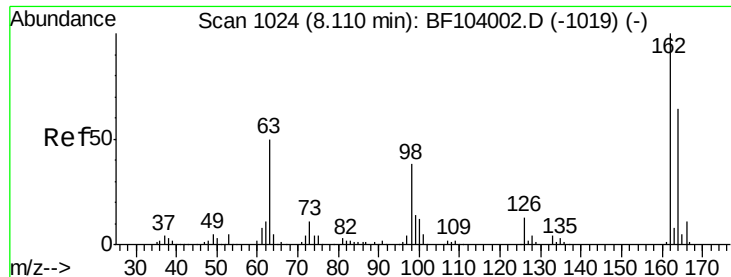
Sohil
3/30/2018 6:03:22 PM



#28
bis(2-Chloroethoxy)methane
Concen: 45.107 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BF104082.D
Acq: 30 Mar 2018 6:10

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.3	39.5
123	12.3	9.8	14.6





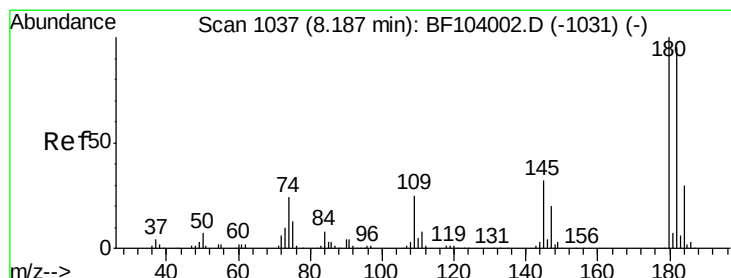
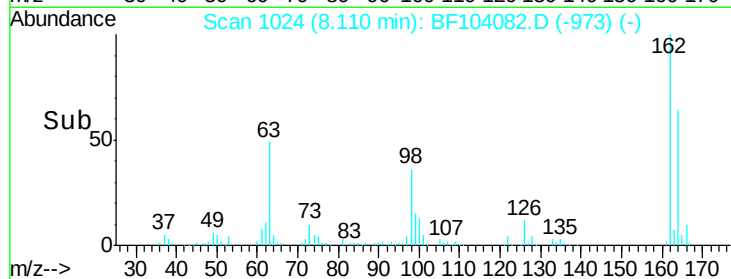
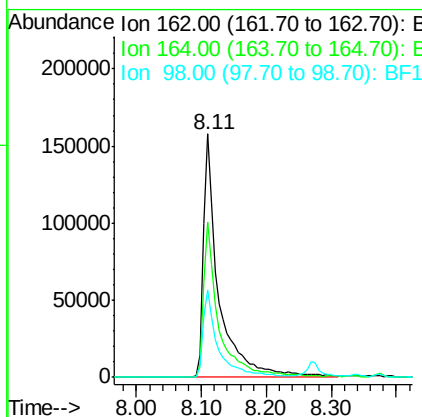
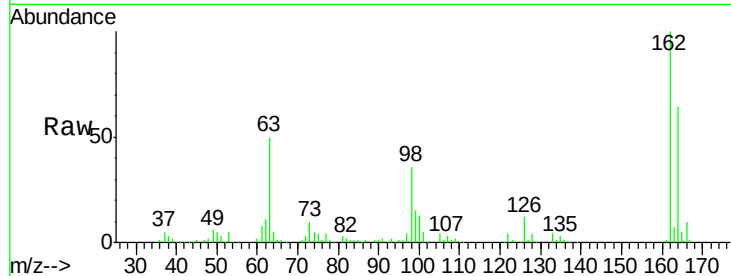
#29
 2,4-Dichlorophenol
 Concen: 43.908 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BF104082.D
 Acq: 30 Mar 2018 6:10

Instrument :
 BNA_F
 ClientSampleId :
 PB107808BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	260281		
164	63.9	42.7	82.7	
98	35.8	18.1	58.1	

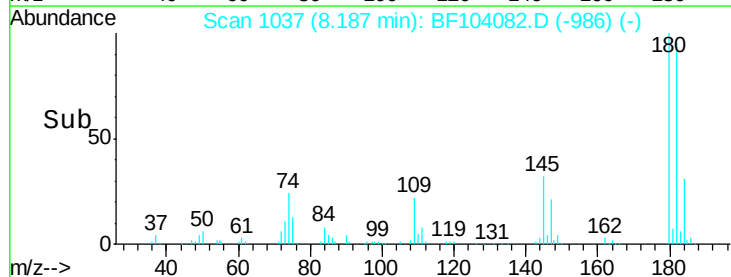
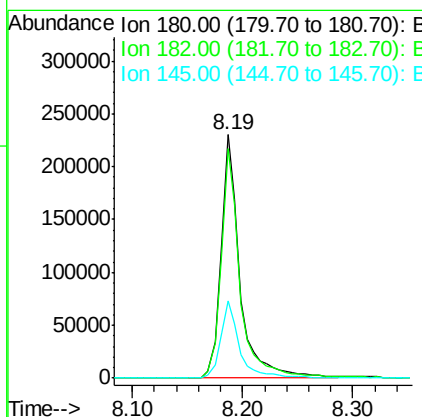
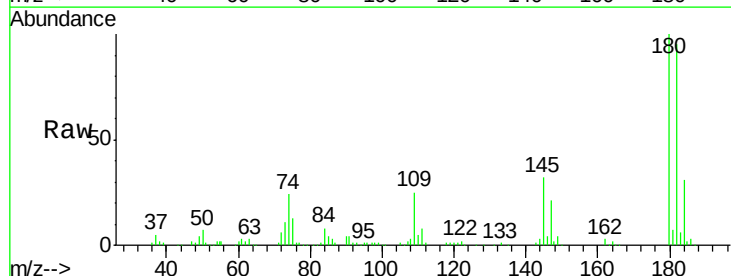
Manual Integrations
 APPROVED

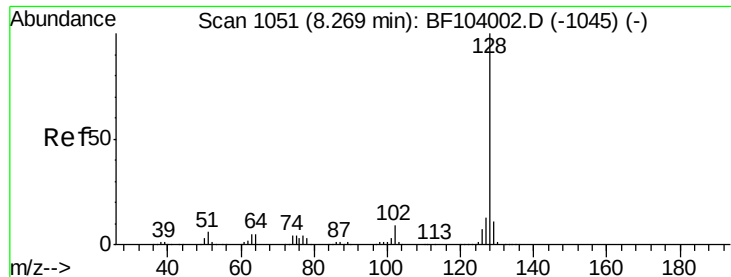
Sohil
 3/30/2018 6:03:22 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 40.974 ng
 RT: 8.19 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BF104082.D
 Acq: 30 Mar 2018 6:10

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	275586		
182	94.5	76.8	115.2	
145	31.8	26.5	39.7	





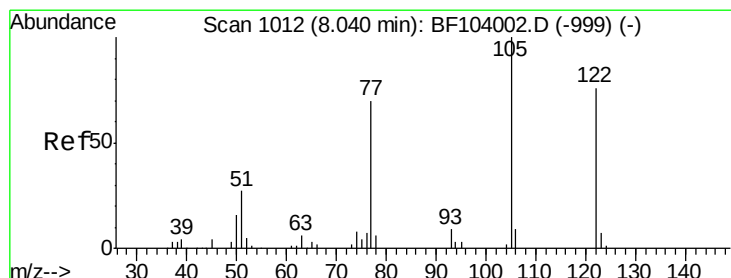
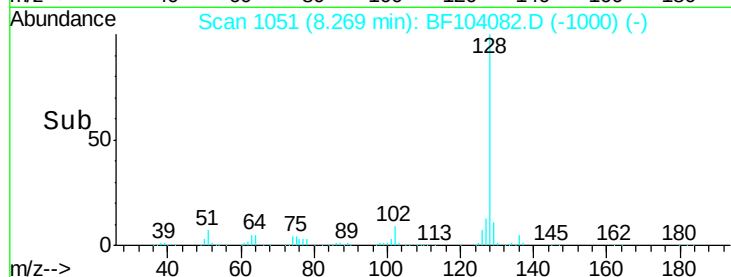
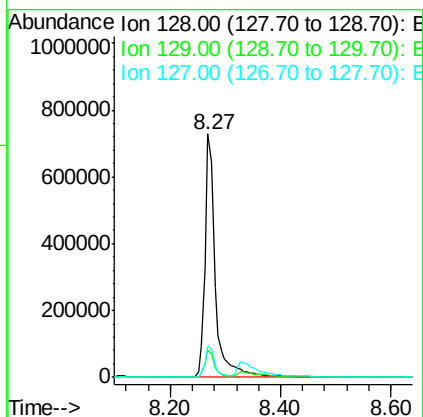
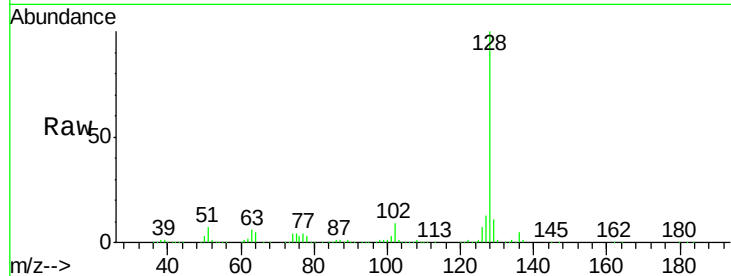
#31
Naphthalene
Concen: 43.892 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.00 min
Lab File: BF104082.D
Acq: 30 Mar 2018 6:10

Instrument :
BNA_F
ClientSampleId :
PB107808BSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.1	8.8	13.2	
127	13.0	10.9	16.3	

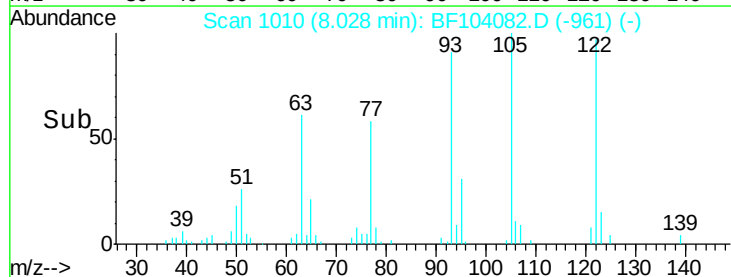
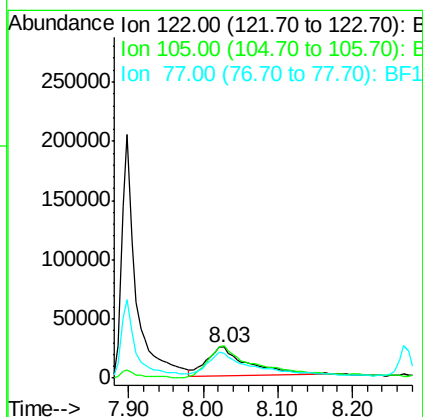
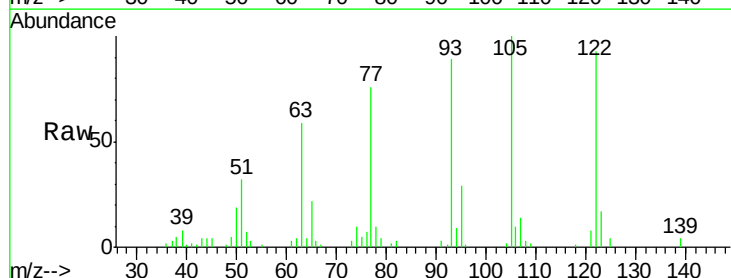
Manual Integrations
APPROVED

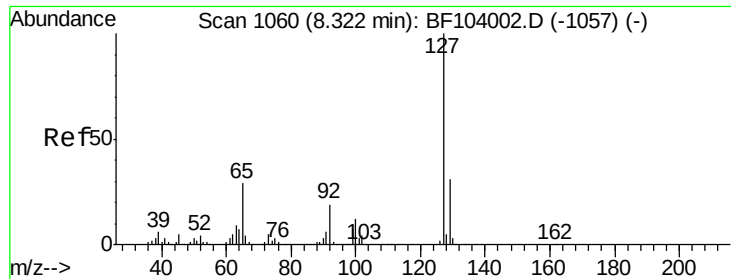
Sohil
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#32
Benzoic acid
Concen: 22.625 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF104082.D
Acq: 30 Mar 2018 6:10

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	107.6	101.1	141.1	
77	81.6	70.7	110.7	





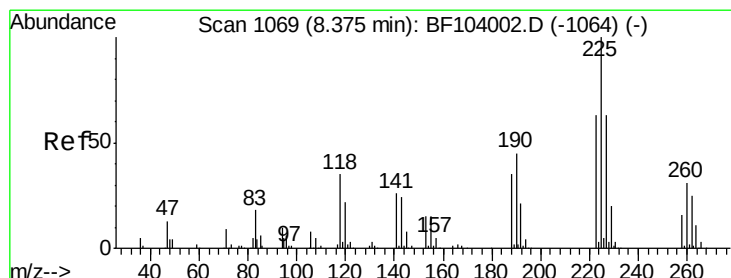
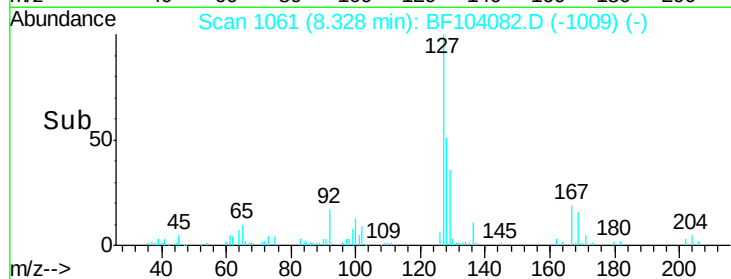
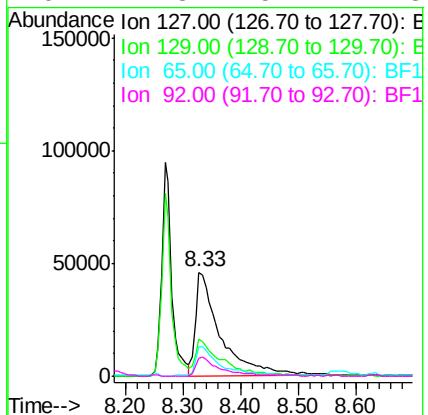
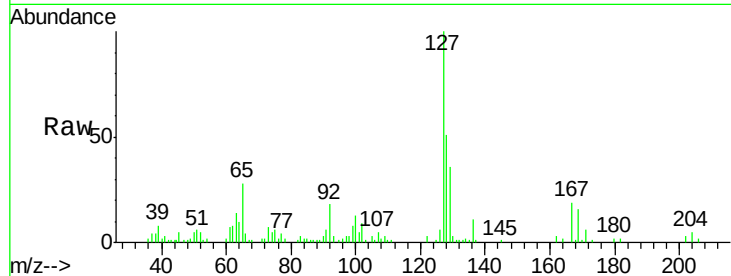
#33
 4-Chloroaniline
 Concen: 15.311 ng
 RT: 8.33 min Scan# 1061
 Delta R.T. 0.01 min
 Lab File: BF104082.D
 Acq: 30 Mar 2018 6:10

Instrument :
 BNA_F
 ClientSampleId :
 PB107808BSD

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	35.7	25.9	38.9
65	28.0	25.0	37.4
92	17.8	15.2	22.8

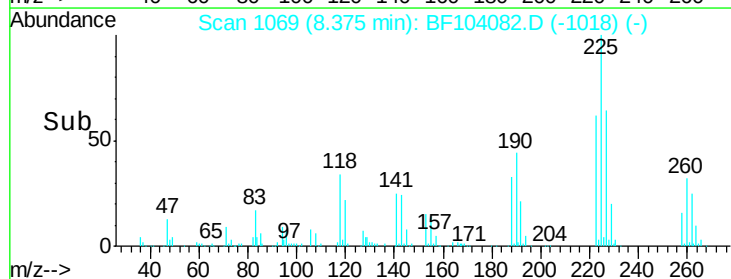
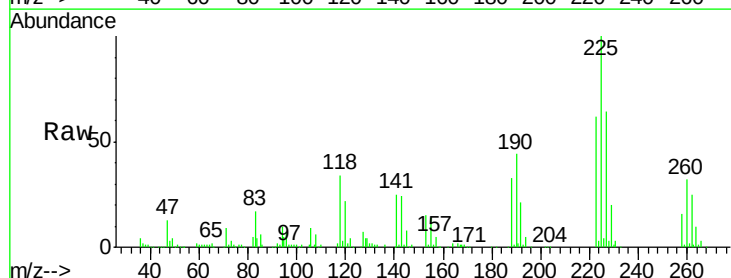
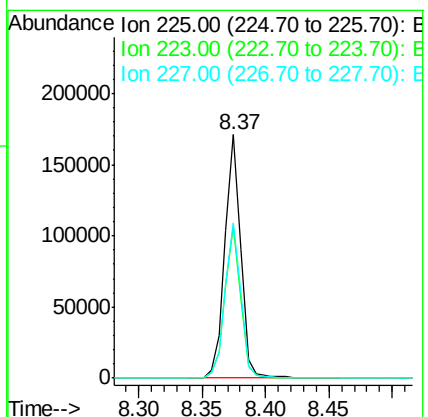
Manual Integrations
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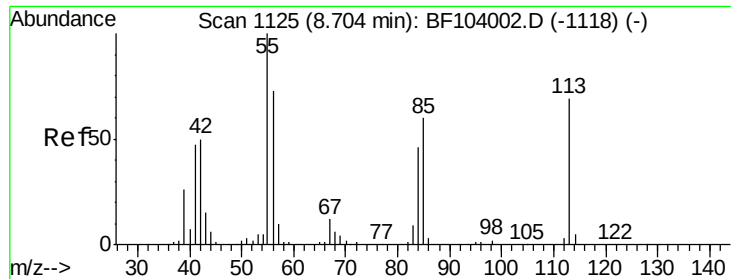
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#34
 Hexachlorobutadiene
 Concen: 40.944 ng
 RT: 8.37 min Scan# 1069
 Delta R.T. -0.00 min
 Lab File: BF104082.D
 Acq: 30 Mar 2018 6:10

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	62.3	50.6	76.0
227	63.6	51.9	77.9





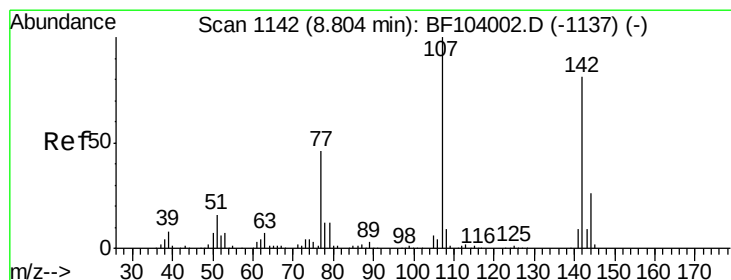
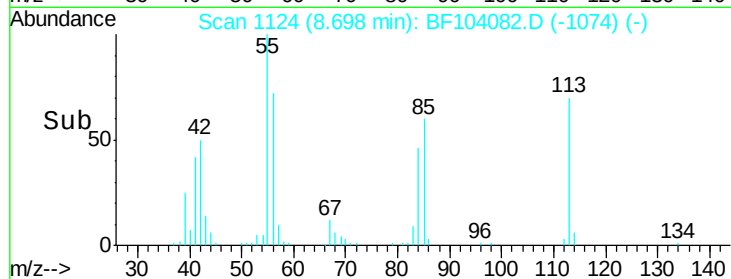
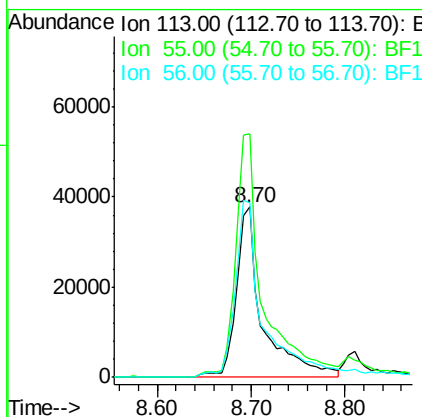
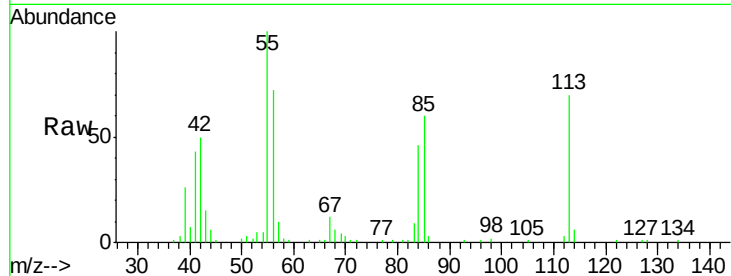
#35
Caprolactam
Concen: 39.125 ng
RT: 8.70 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF104082.D
Acq: 30 Mar 2018 6:10

Instrument :
BNA_F
ClientSampleId :
PB107808BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	143.0	163.3	203.3#
56	102.5	115.7	155.7#

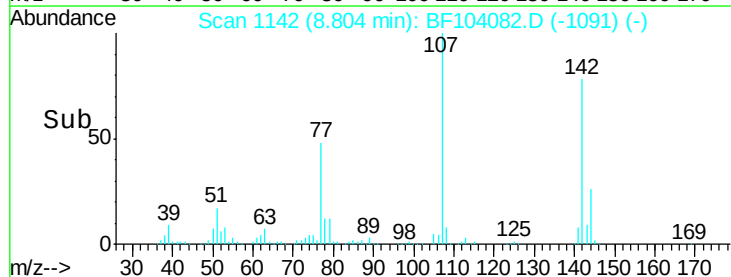
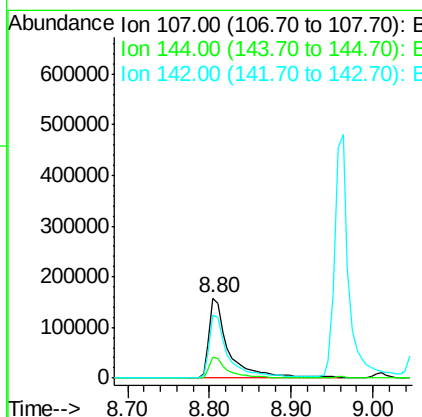
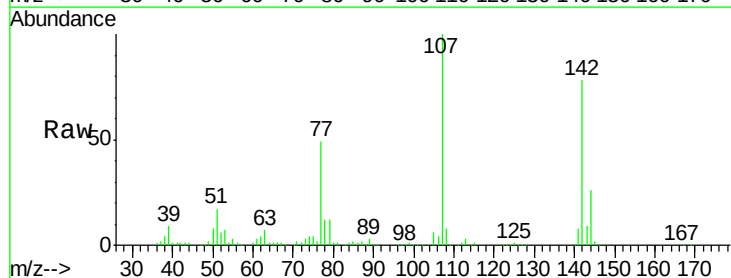
Manual Integrations
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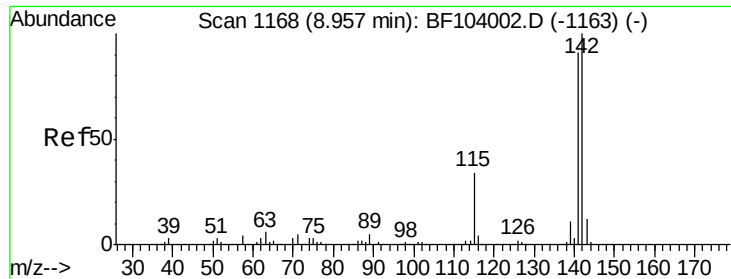
Sohil
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#36
4-Chloro-3-methylphenol
Concen: 41.885 ng
RT: 8.80 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BF104082.D
Acq: 30 Mar 2018 6:10

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.8	20.5	30.7
142	78.0	62.0	93.0





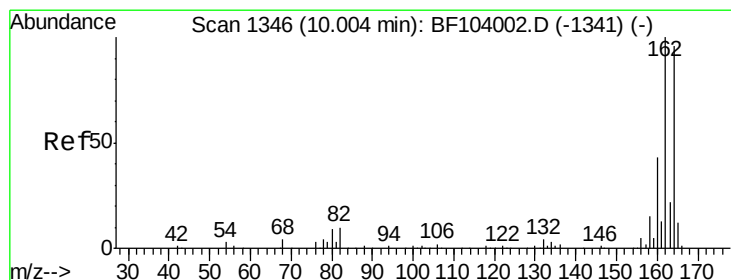
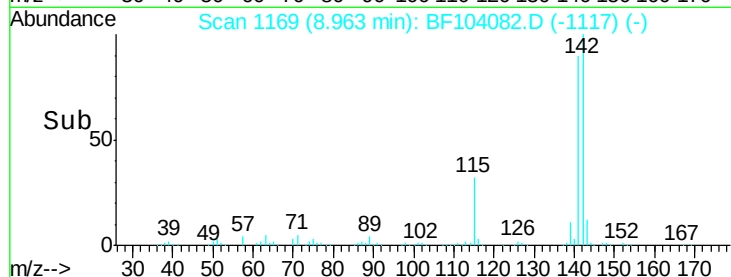
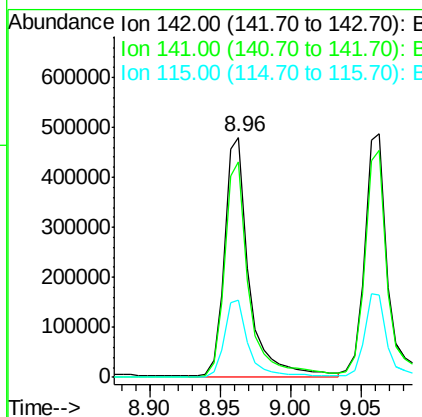
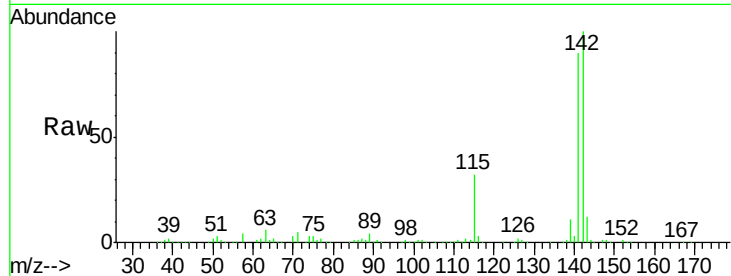
#37
 2-Methylnaphthalene
 Concen: 41.374 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. 0.01 min
 Lab File: BF104082.D
 Acq: 30 Mar 2018 6:10

Instrument :
 BNA_F
 ClientSampleId :
 PB107808BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.8	106.2
115	32.4	26.1	39.1

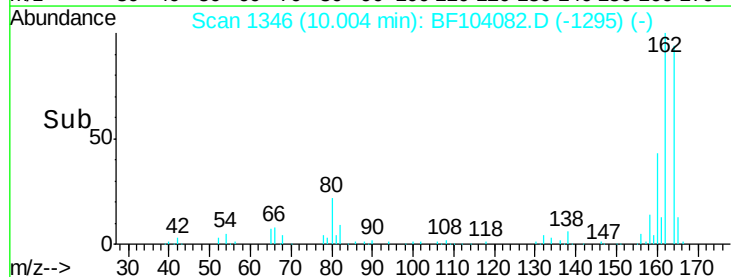
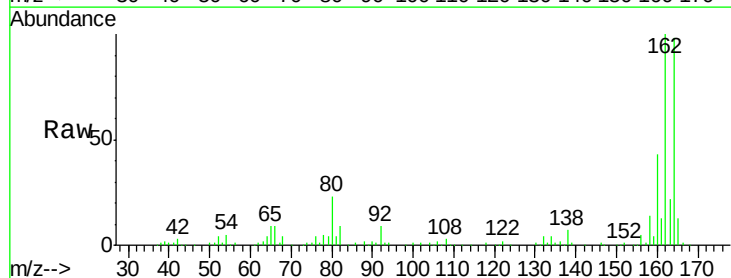
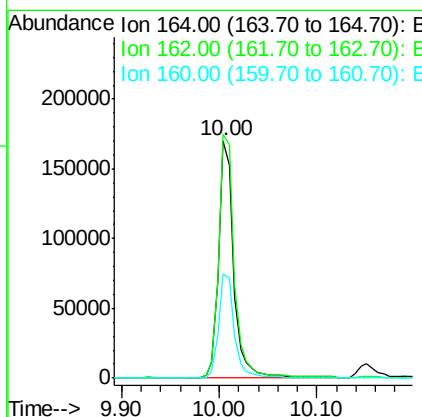
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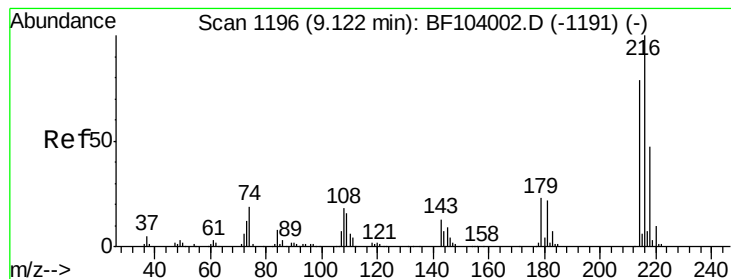
Sohil
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: BF104082.D
 Acq: 30 Mar 2018 6:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	86.1	129.1
160	43.9	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.627 ng

RT: 9.13 min Scan# 1197

Delta R.T. 0.01 min

Lab File: BF104082.D

Acq: 30 Mar 2018 6:10

Instrument :

BNA_F

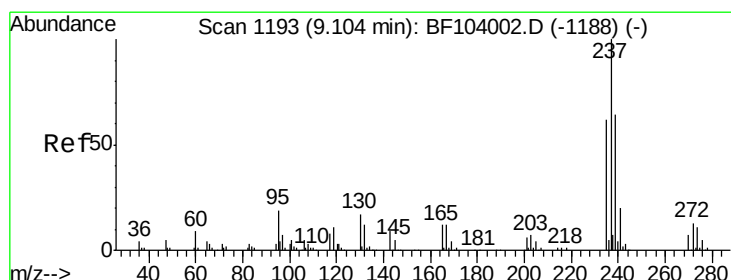
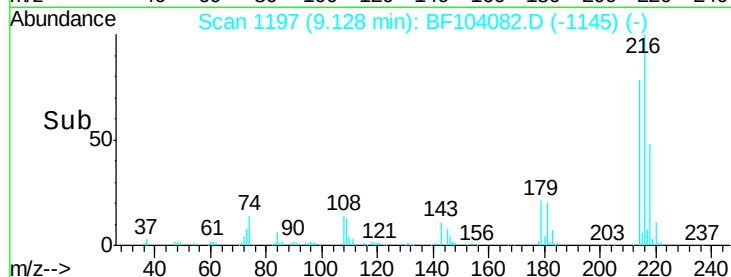
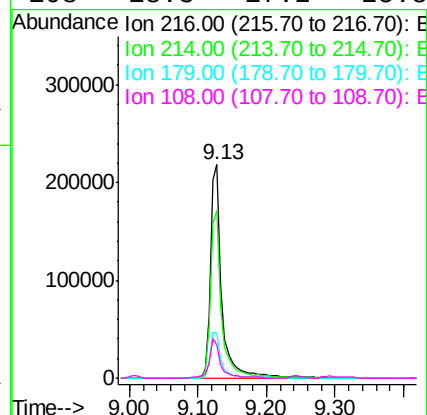
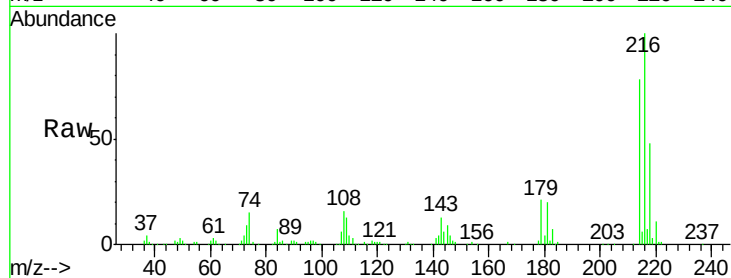
ClientSampleId :

PB107808BSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	260092		
214	78.7	63.0	94.4	
179	22.1	18.1	27.1	
108	18.3	17.2	25.8	

Manual Integrations
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#40

Hexachlorocyclopentadiene

Concen: 22.205 ng

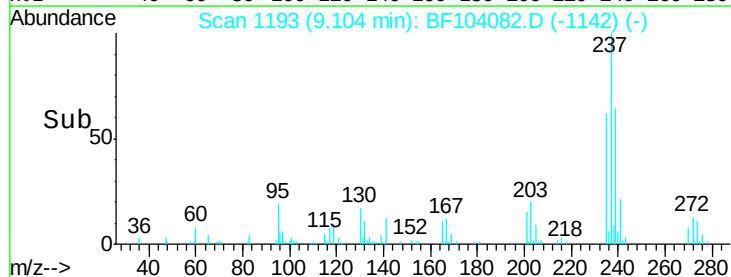
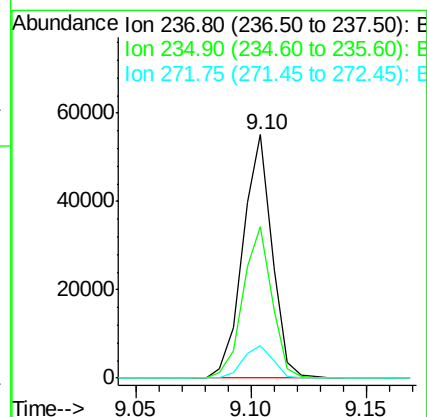
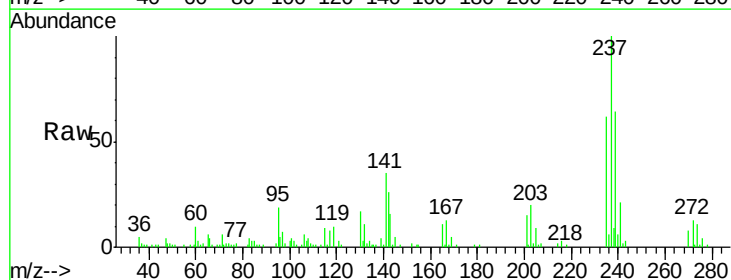
RT: 9.10 min Scan# 1193

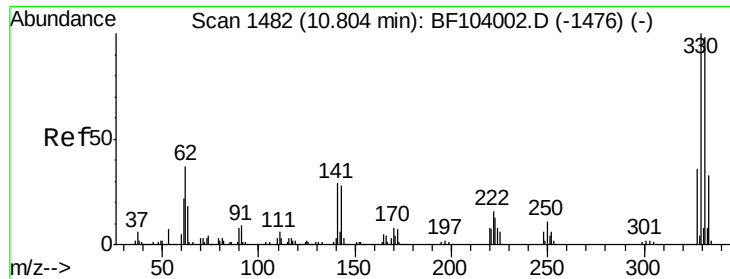
Delta R.T. 0.00 min

Lab File: BF104082.D

Acq: 30 Mar 2018 6:10

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	48386		
235	62.1	44.8	84.8	
272	13.1	0.0	33.3	





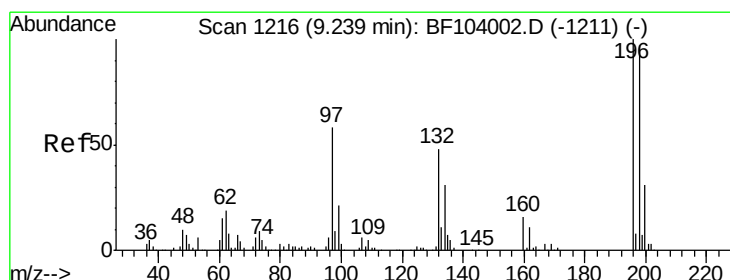
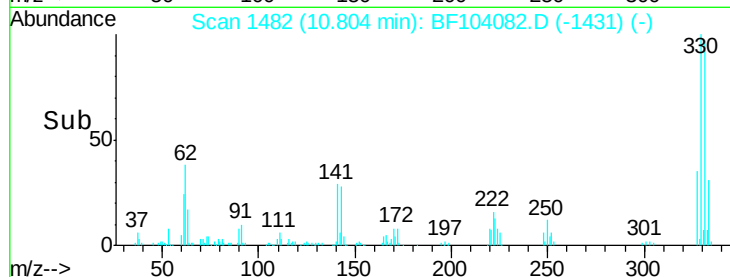
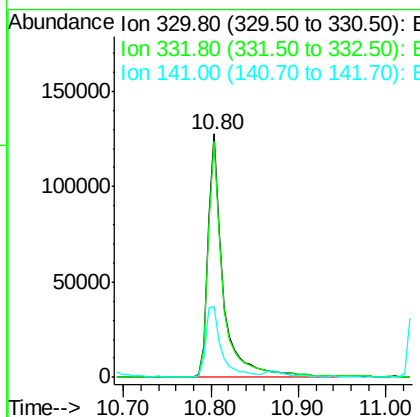
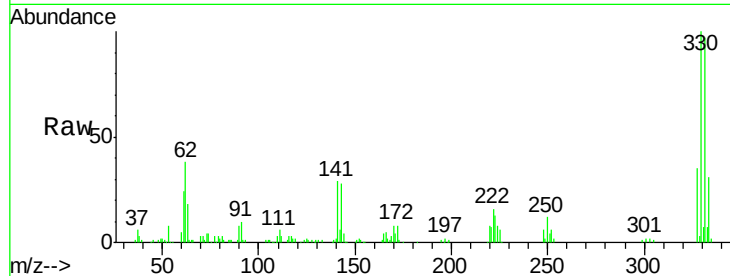
#41
 2,4,6-Tribromophenol
 Concen: 74.591 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: BF104082.D
 Acq: 30 Mar 2018 6:10

Instrument :
 BNA_F
 ClientSampleId :
 PB107808BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	154395		
332	97.6	77.0	115.6	
141	30.9	29.9	44.9	

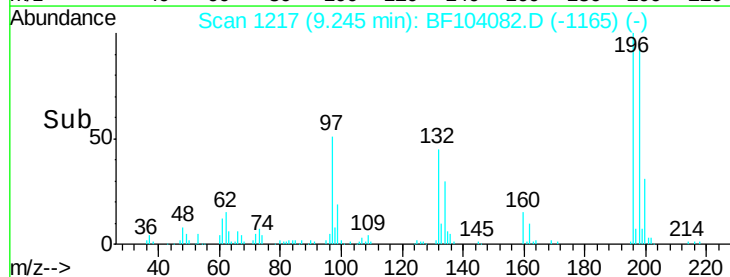
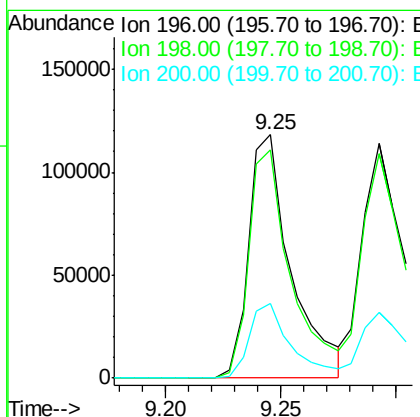
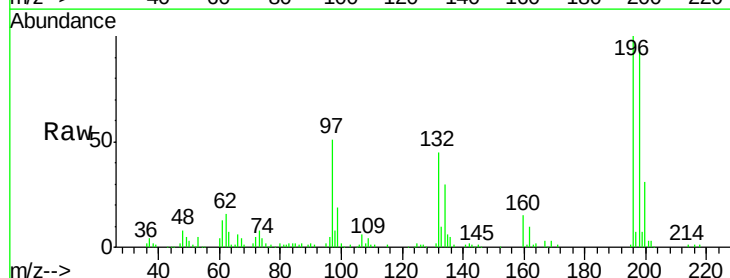
Manual Integrations
 APPROVED

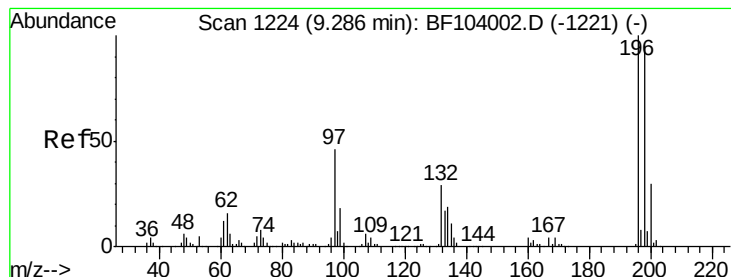
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#42
 2,4,6-Trichlorophenol
 Concen: 42.060 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.01 min
 Lab File: BF104082.D
 Acq: 30 Mar 2018 6:10

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	151820		
198	93.6	75.7	113.5	
200	30.6	24.5	36.7	





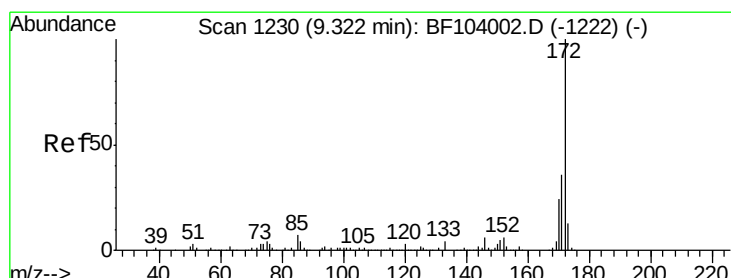
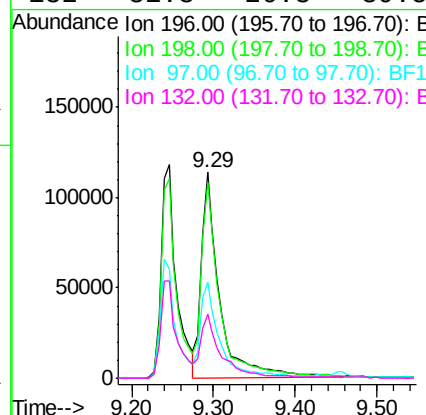
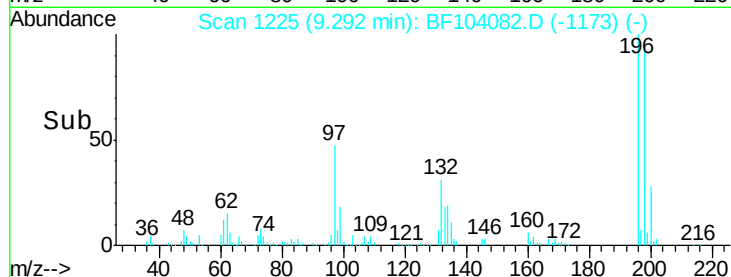
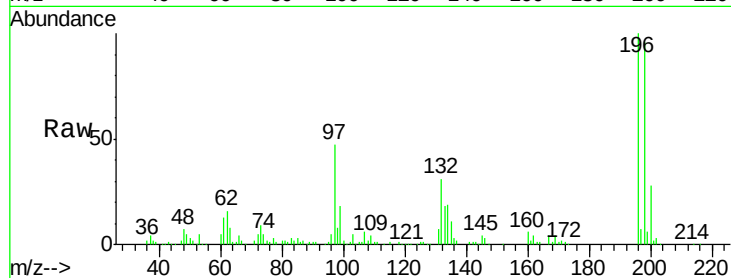
#43
 2,4,5-Trichlorophenol
 Concen: 40.536 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: BF104082.D
 Acq: 30 Mar 2018 6:10

Instrument :
 BNA_F
 ClientSampleId :
 PB107808BSD

Tot Ion:	196	Resp:	176668
Ion Ratio		Lower	Upper
196	100		
198	95.6	74.6	112.0
97	47.0	42.9	64.3
132	31.3	26.3	39.5

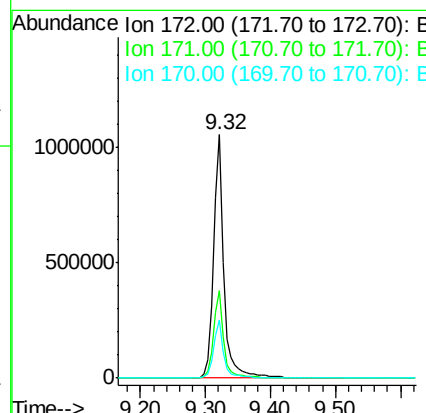
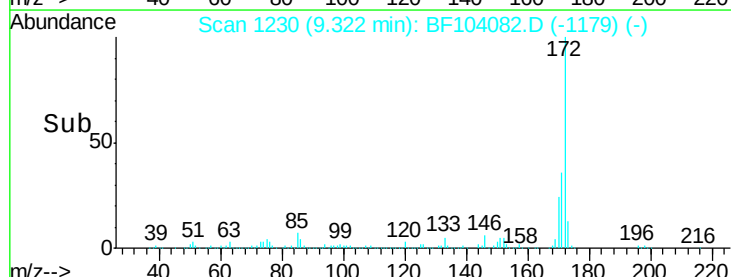
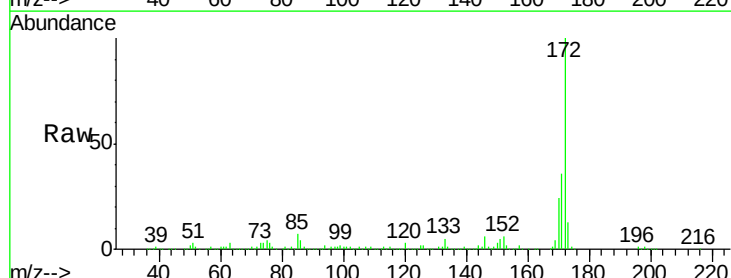
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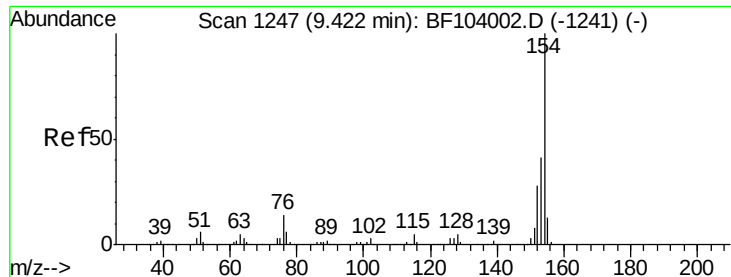
Sohil
 3/30/2018 6:03:22 PM



#44
 2-Fluorobiphenyl
 Concen: 99.382 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: BF104082.D
 Acq: 30 Mar 2018 6:10

Tgt Ion:	172	Resp:	1171536
Ion Ratio		Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.8	19.6	29.4





#45

1,1'-Biphenyl

Concen: 43.911 ng

RT: 9.42 min Scan# 1247

Delta R.T. -0.00 min

Lab File: BF104082.D

Acq: 30 Mar 2018 6:10

Instrument :

BNA_F

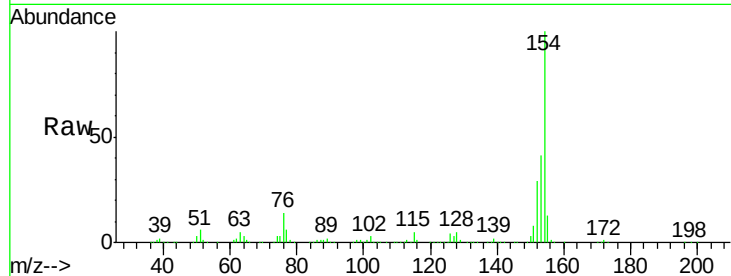
ClientSampleId :

PB107808BSD

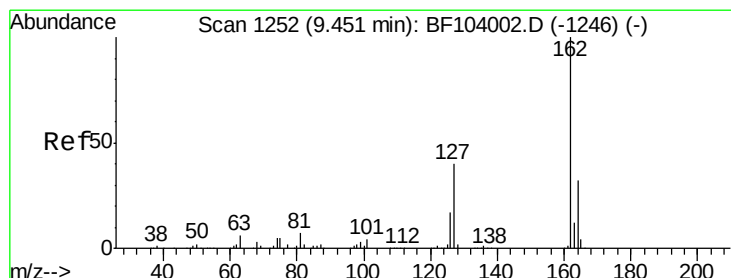
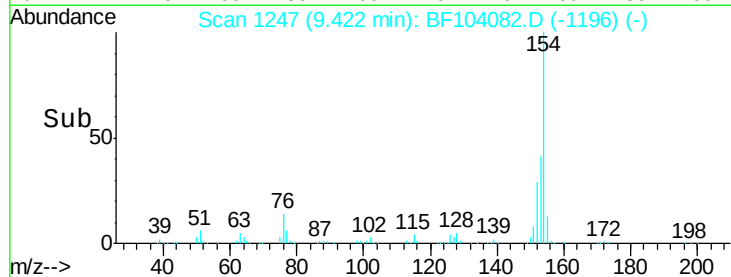
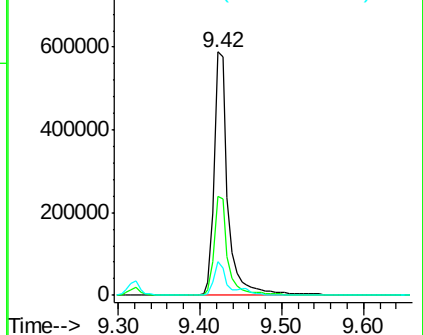
Tot Ion:	154	Resp:	700580
Ion Ratio	Lower	Upper	
154	100		
153	40.7	21.3	61.3
76	14.0	0.0	34.0

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3/30/2018 6:03:22 PM



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: 43.004 ng

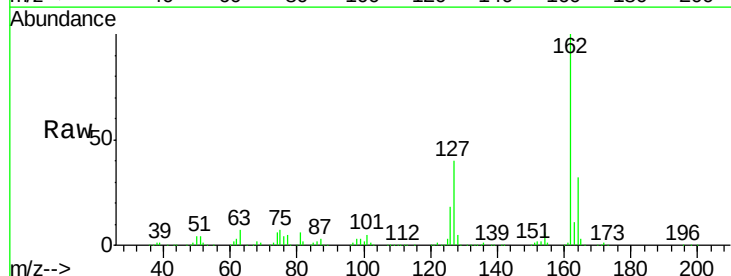
RT: 9.46 min Scan# 1253

Delta R.T. 0.01 min

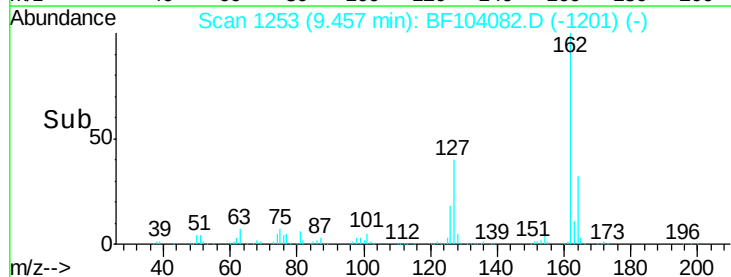
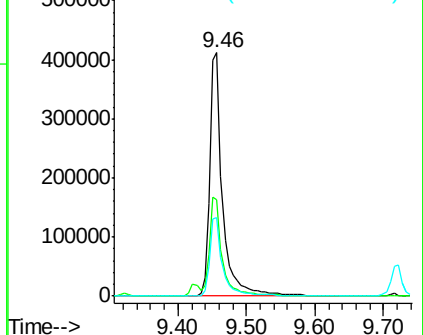
Lab File: BF104082.D

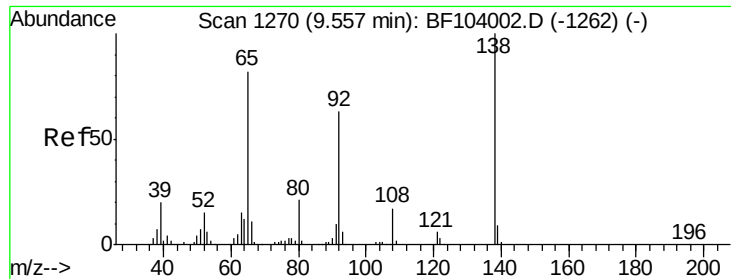
Acq: 30 Mar 2018 6:10

Tgt Ion:	162	Resp:	541210
Ion Ratio	Lower	Upper	
162	100		
127	39.9	33.9	50.9
164	32.3	26.5	39.7



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





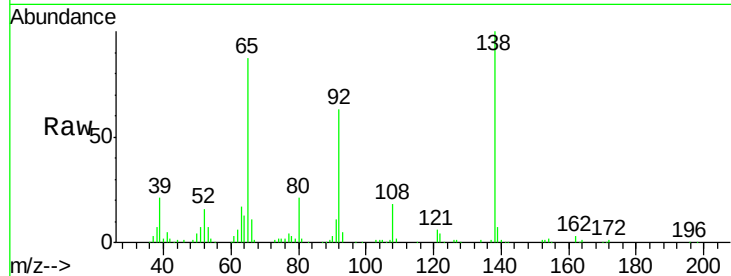
#47
2-Nitroaniline
Concen: 42.044 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.00 min
Lab File: BF104082.D
Acq: 30 Mar 2018 6:10

Instrument :
BNA_F
ClientSampleId :
PB107808BSD

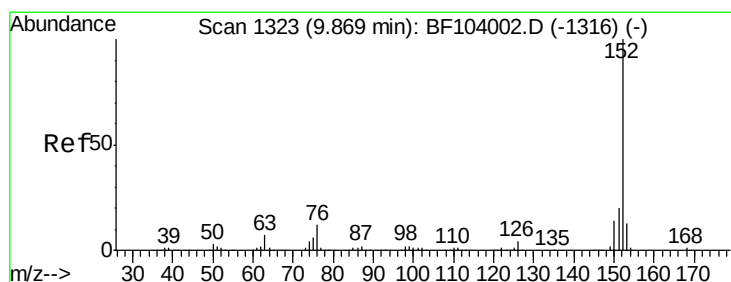
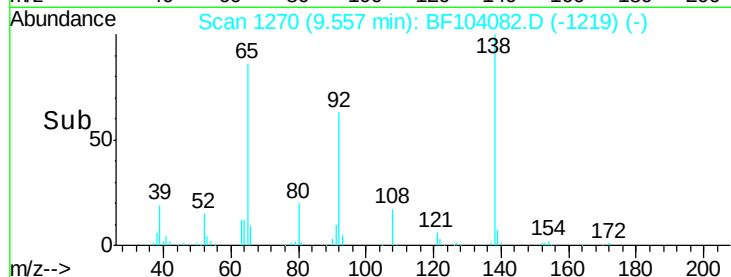
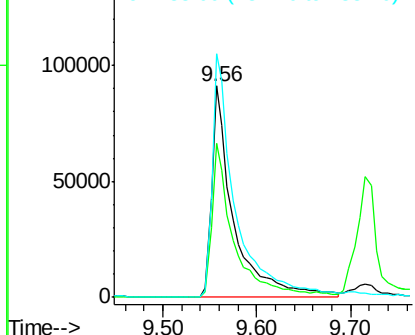
Tot Ion	Ratio	Resp	Lower	Upper
65	100	150880		
92	72.8	55.8	83.6	
138	115.1	91.2	136.8	

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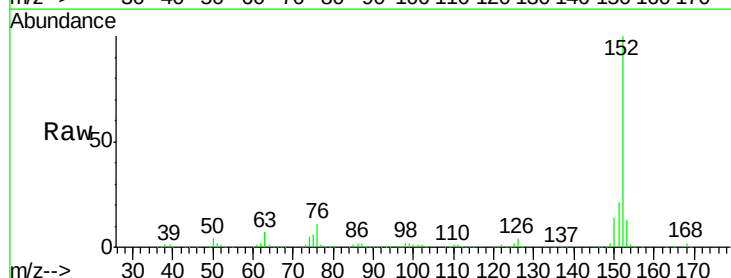


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

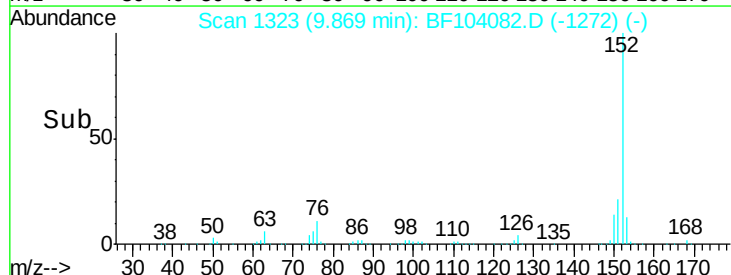
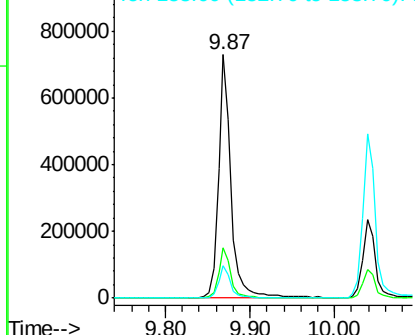


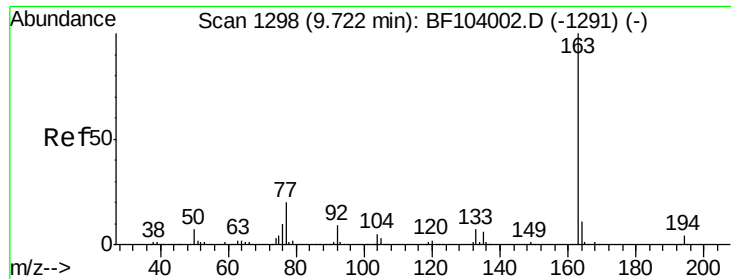
#48
Acenaphthylene
Concen: 40.376 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BF104082.D
Acq: 30 Mar 2018 6:10

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	769805		
151	20.6	16.3	24.5	
153	13.2	10.7	16.1	



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





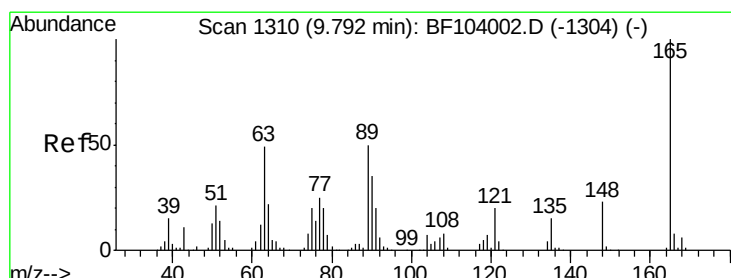
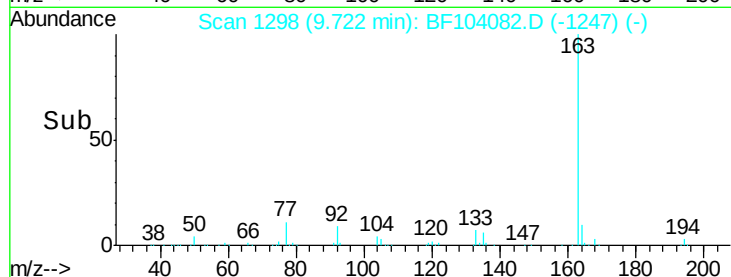
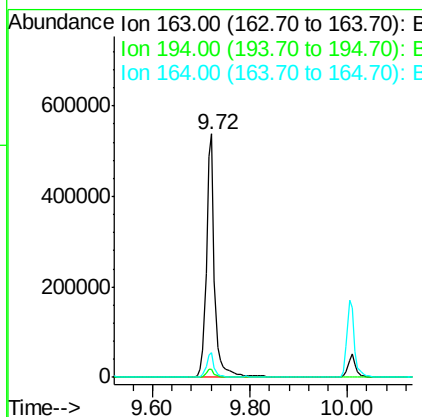
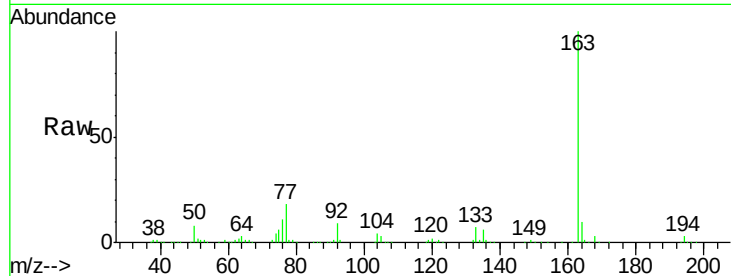
#49
Dimethylphthalate
Concen: 43.540 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF104082.D
Acq: 30 Mar 2018 6:10

Instrument :
BNA_F
ClientSampleId :
PB107808BSD

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.4	2.7	4.1
164	9.9	8.2	12.2

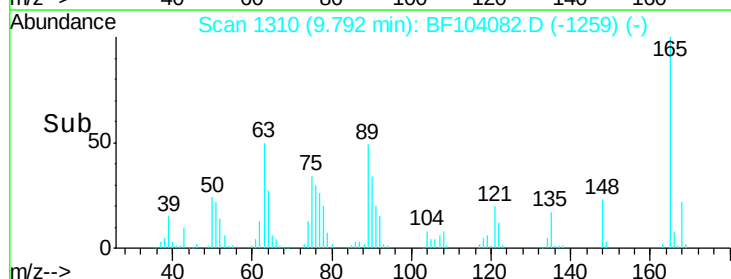
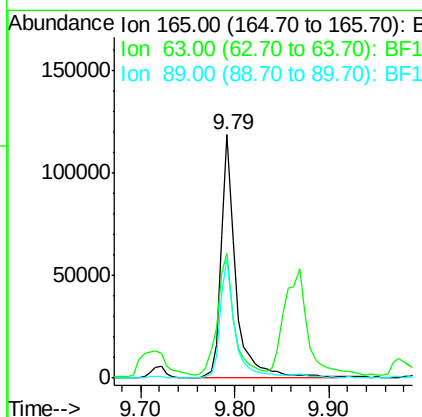
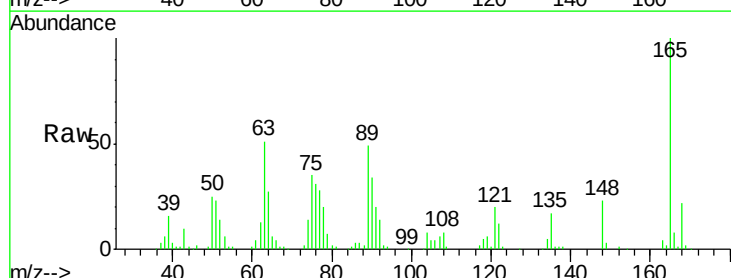
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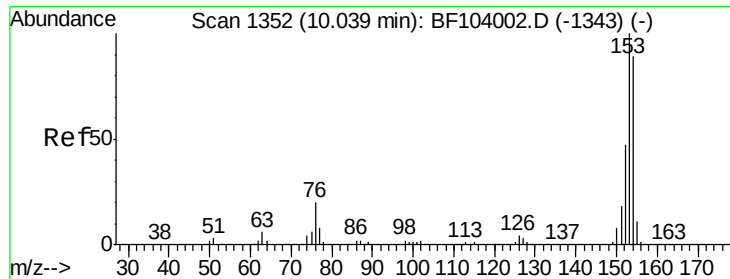
Sohil
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#50
2,6-Dinitrotoluene
Concen: 41.069 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BF104082.D
Acq: 30 Mar 2018 6:10

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	51.3	44.7	67.1
89	49.3	44.0	66.0





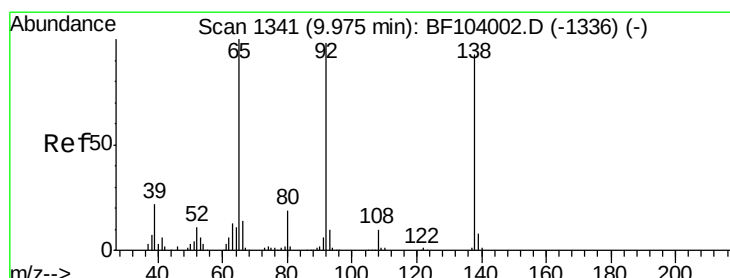
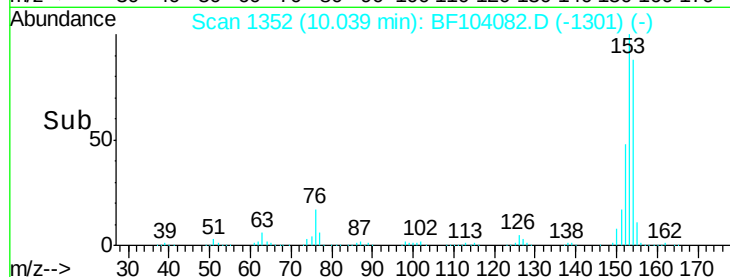
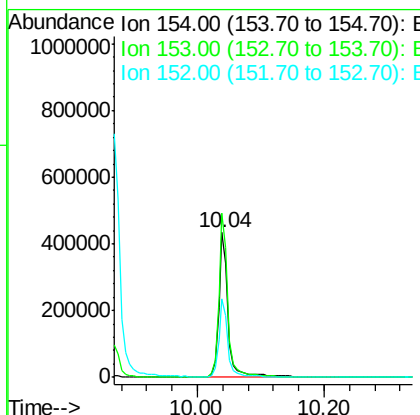
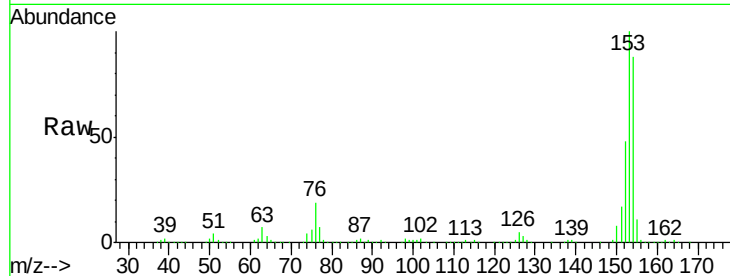
#51
Acenaphthene
Concen: 42.542 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BF104082.D
Acq: 30 Mar 2018 6:10

Instrument :
BNA_F
ClientSampleId :
PB107808BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.9	91.2	136.8
152	54.4	43.8	65.8

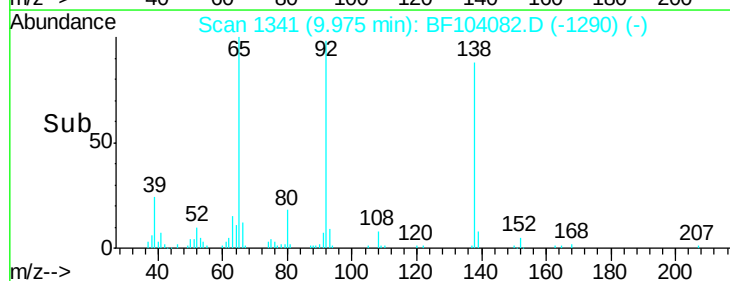
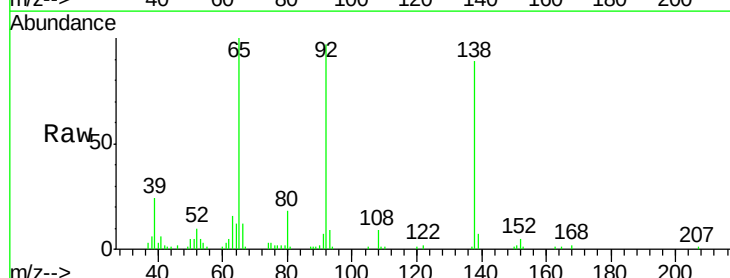
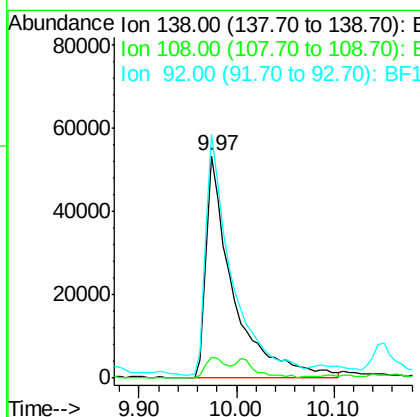
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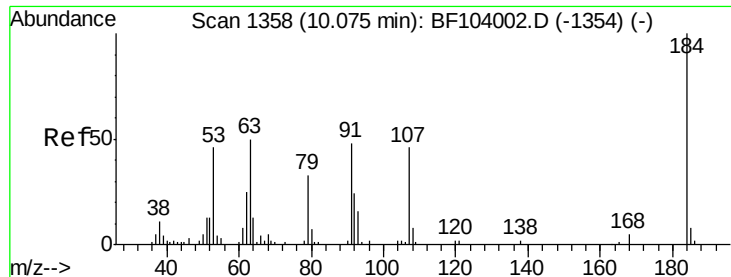
Sohil
3/30/2018 6:03:22 PM



#52
3-Nitroaniline
Concen: 28.545 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF104082.D
Acq: 30 Mar 2018 6:10

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.7	9.4	14.0
92	109.6	89.4	134.2





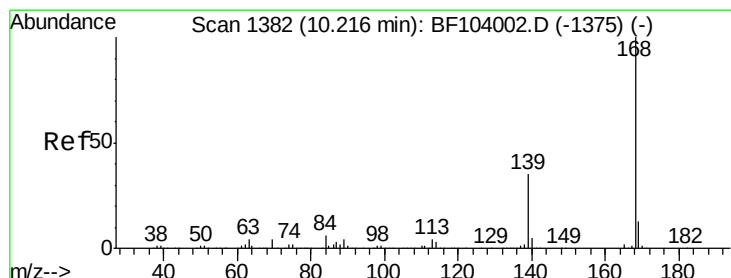
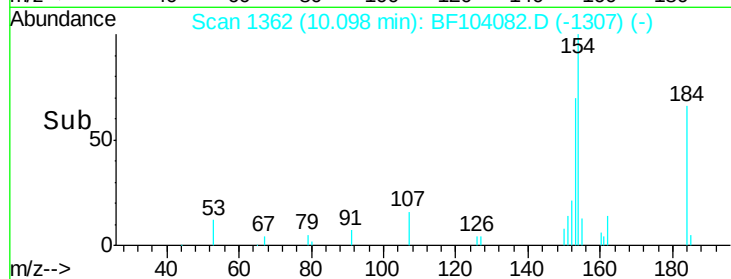
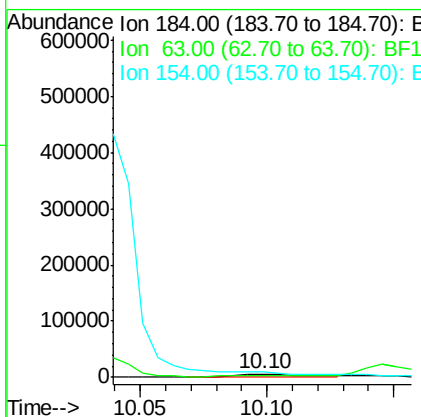
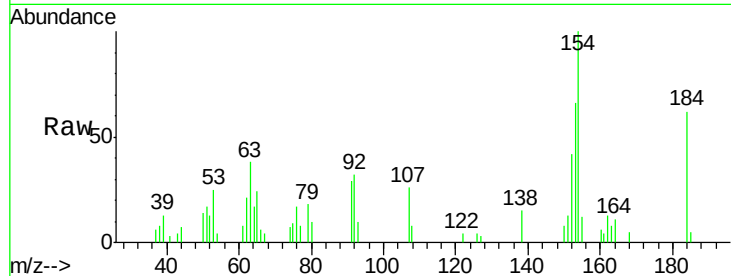
#53
 2,4-Dinitrophenol
 Concen: 13.859 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. 0.02 min
 Lab File: BF104082.D
 Acq: 30 Mar 2018 6:10

Instrument :
 BNA_F
 ClientSampleId :
 PB107808BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	12279		
63	61.4	54.2	81.2	
154	161.1	184.0	276.0	

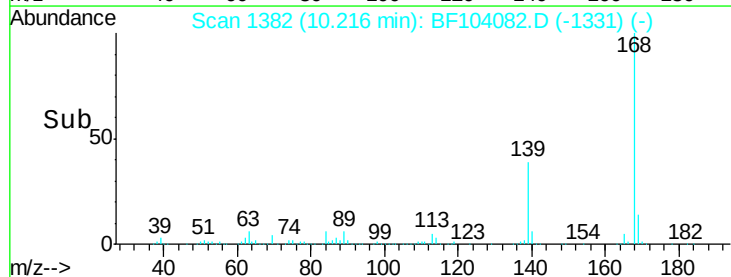
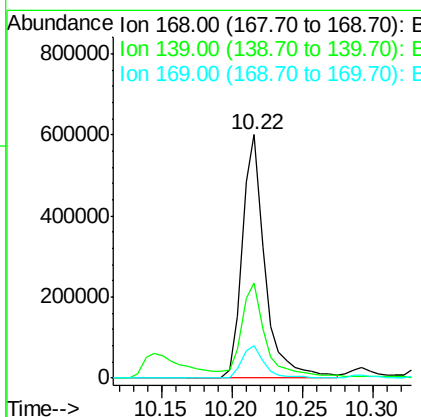
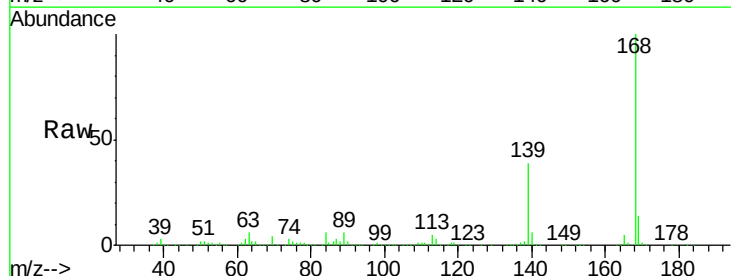
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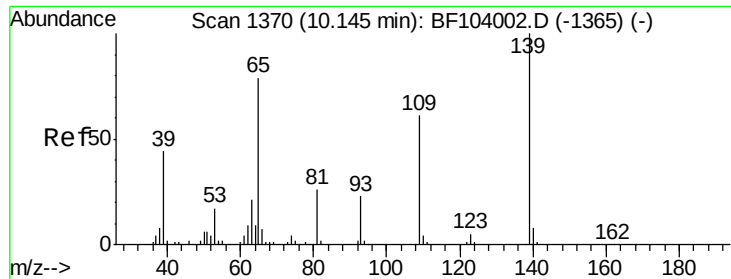
Sohil
 3/30/2018 6:03:22 PM



#54
 Dibenzofuran
 Concen: 41.841 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: BF104082.D
 Acq: 30 Mar 2018 6:10

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	673916		
139	39.0	30.1	45.1	
169	13.5	10.9	16.3	





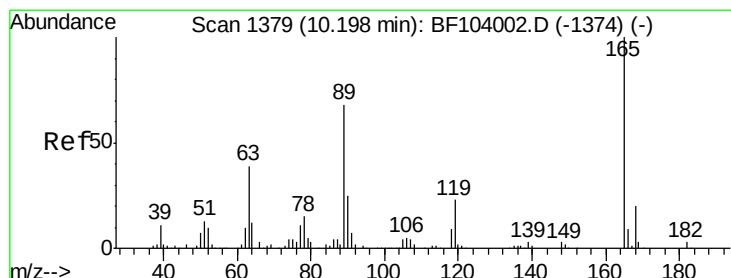
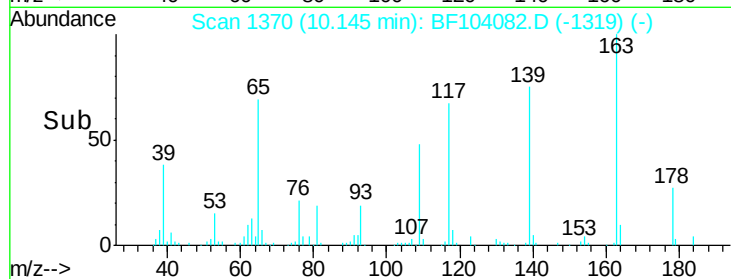
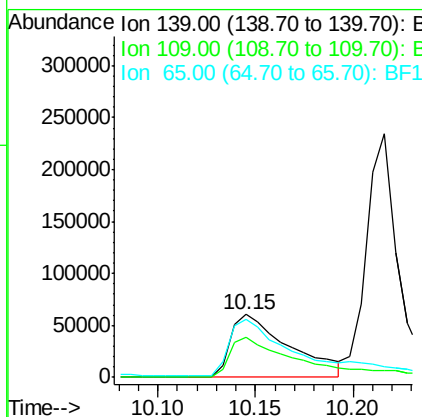
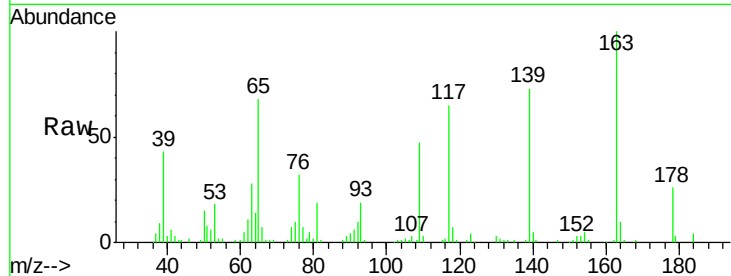
#55
4-Nitrophenol
Concen: 58.024 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BF104082.D
Acq: 30 Mar 2018 6:10

Instrument :
BNA_F
ClientSampleId :
PB107808BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	126283		
109	64.4	48.4	88.4	
65	93.0	72.6	112.6	

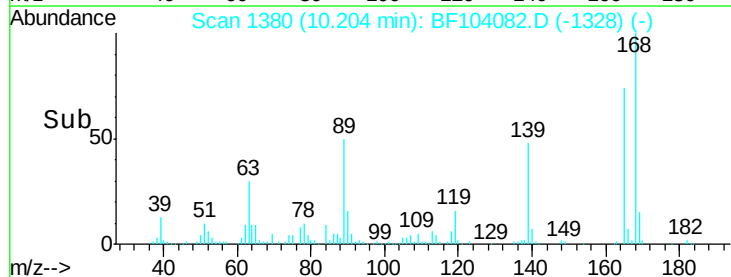
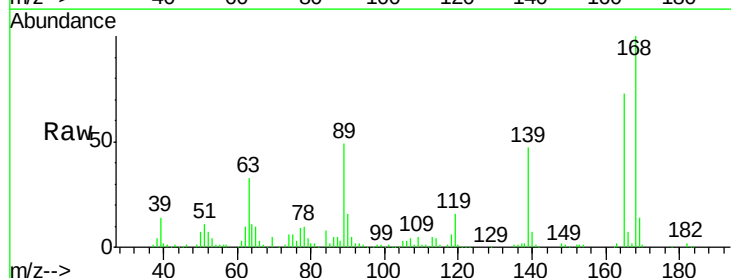
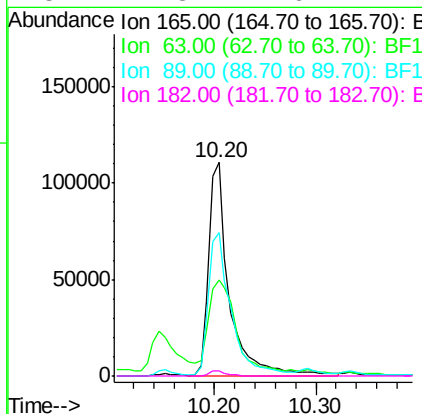
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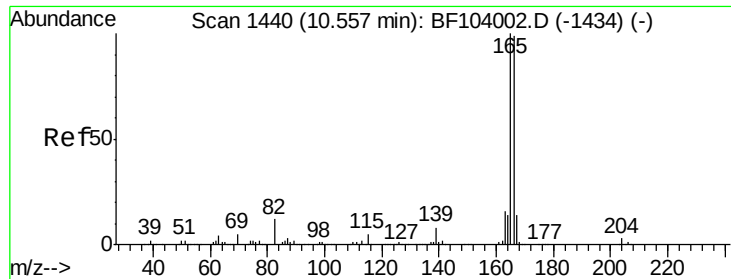
Sohil
3/30/2018 6:03:22 PM



#56
2,4-Dinitrotoluene
Concen: 38.225 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.01 min
Lab File: BF104082.D
Acq: 30 Mar 2018 6:10

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	154013		
63	44.9	36.4	54.6	
89	66.8	57.8	86.6	
182	2.3	1.6	2.4	





#57

Fluorene

Concen: 39.116 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BF104082.D

Acq: 30 Mar 2018 6:10

Instrument :

BNA_F

ClientSampleId :

PB107808BSD

Tot Ion:166 Resp: 519689

Ion Ratio Lower Upper

166 100

165 99.1 79.8 119.8

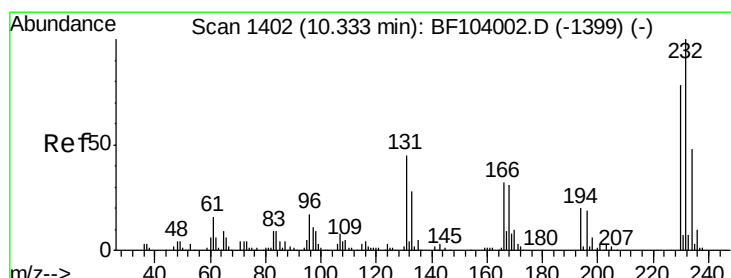
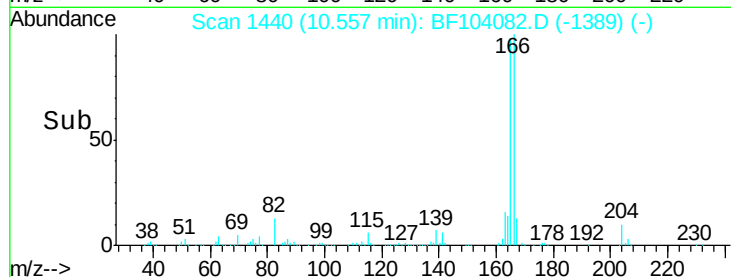
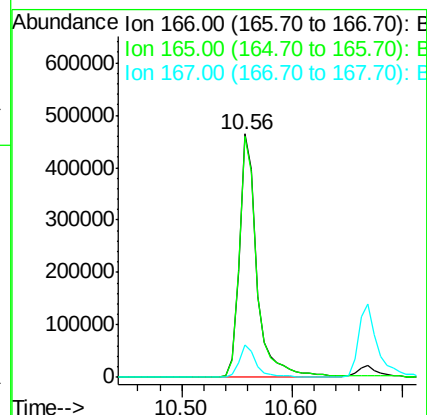
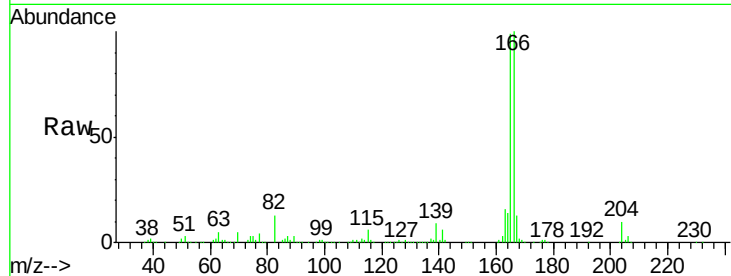
167 13.2 10.6 16.0

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3/30/2018 6:03:22 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.644 ng

RT: 10.33 min Scan# 1402

Delta R.T. -0.00 min

Lab File: BF104082.D

Acq: 30 Mar 2018 6:10

Tgt Ion:232 Resp: 135980

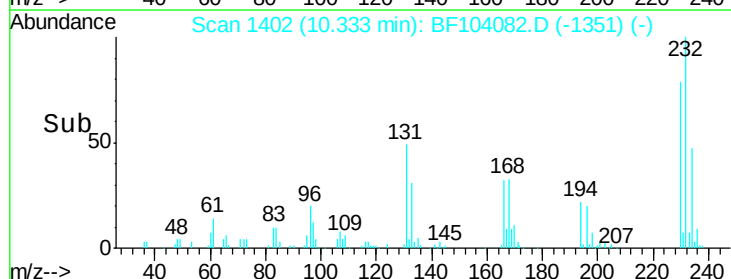
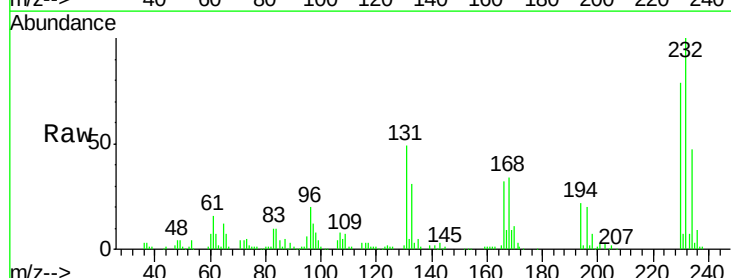
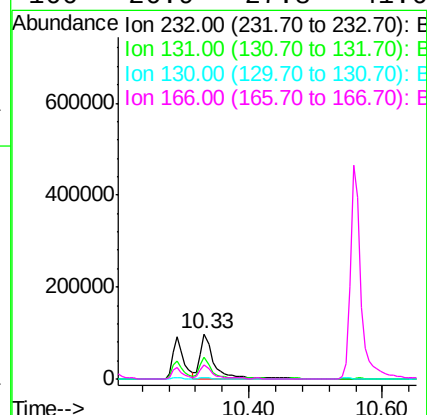
Ion Ratio Lower Upper

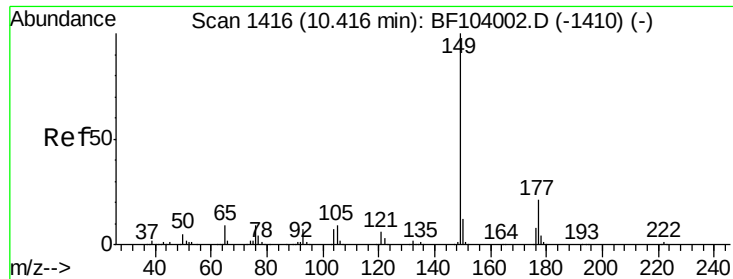
232 100

131 44.1 43.8 65.8

130 2.1 2.1 3.1

166 26.9 27.8 41.6#





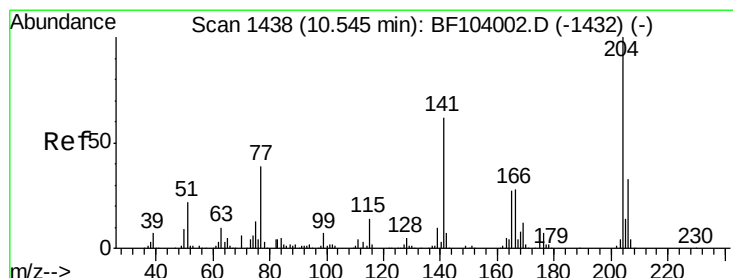
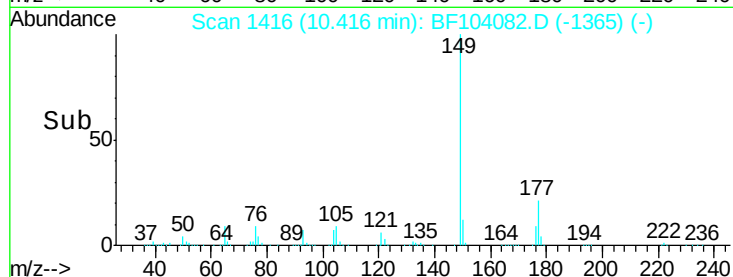
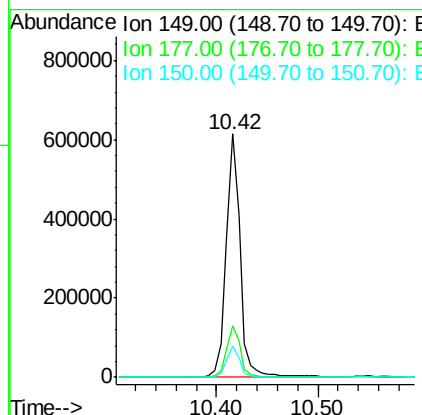
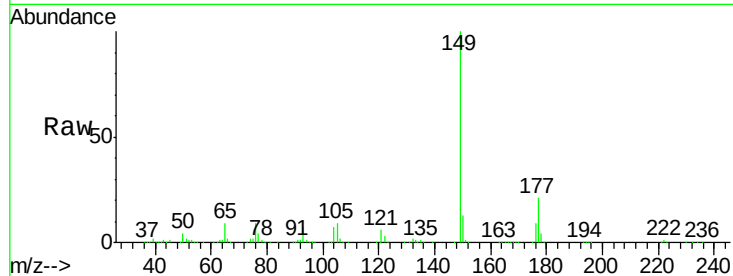
#59
Diethylphthalate
Concen: 41.840 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BF104082.D
Acq: 30 Mar 2018 6:10

Instrument :
BNA_F
ClientSampleId :
PB107808BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	588278		
177	21.2	16.1	24.1	
150	12.6	10.1	15.1	

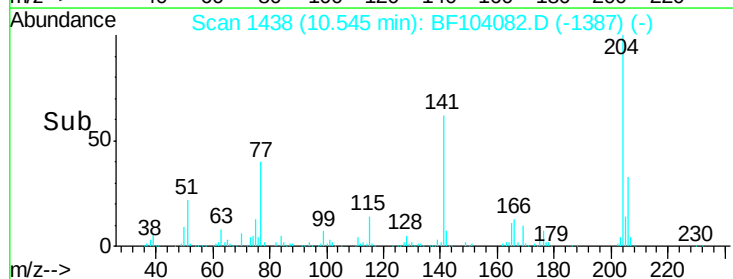
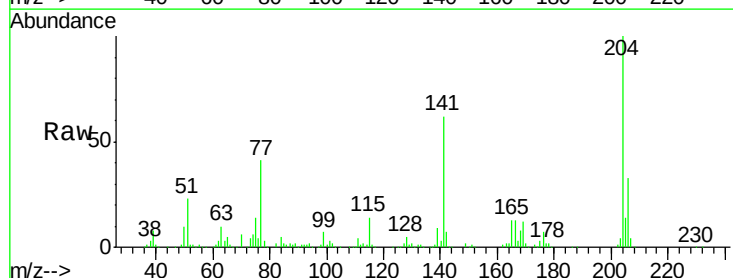
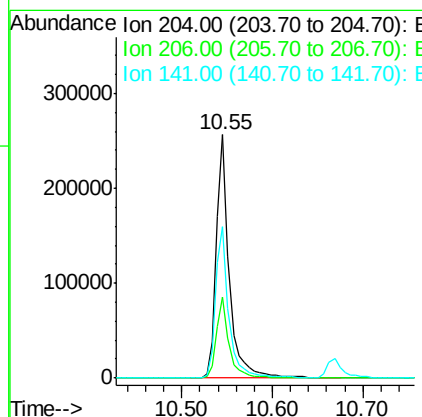
Manual Integrations
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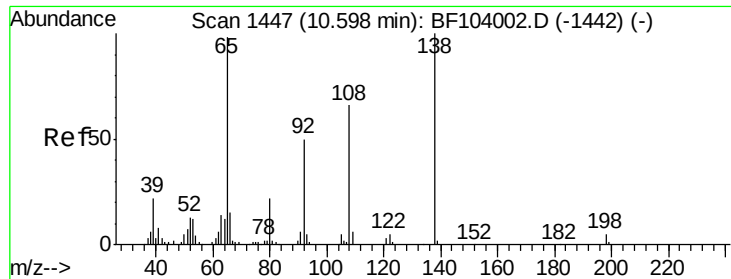
Sohil
3/30/2018 6:03:22 PM



#60
4-Chlorophenyl-phenylether
Concen: 42.189 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF104082.D
Acq: 30 Mar 2018 6:10

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	257441		
206	33.4	26.5	39.7	
141	62.2	54.6	81.8	





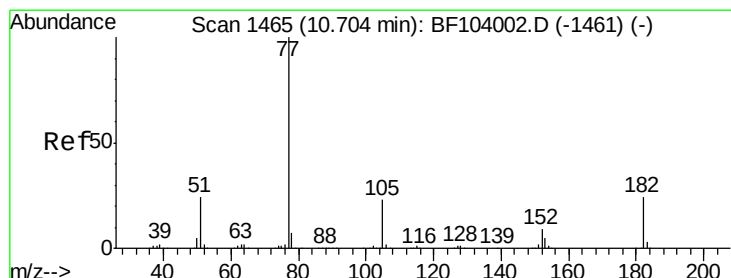
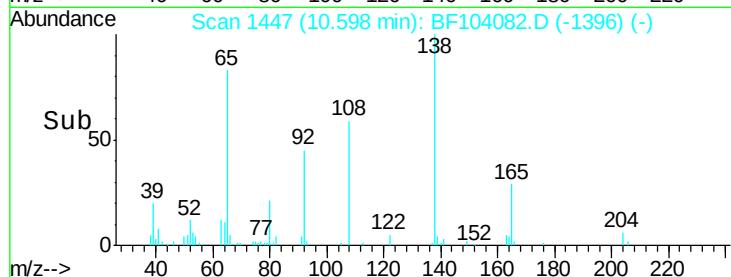
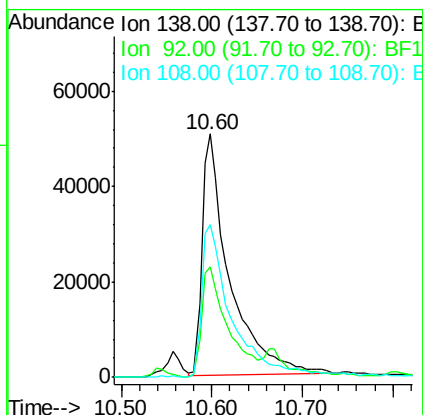
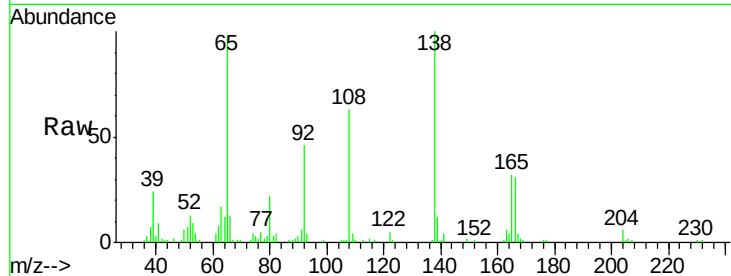
#61
4-Nitroaniline
Concen: 31.722 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.00 min
Lab File: BF104082.D
Acq: 30 Mar 2018 6:10

Instrument :
BNA_F
ClientSampleId :
PB107808BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	45.6	30.2	70.2
108	62.9	52.5	92.5

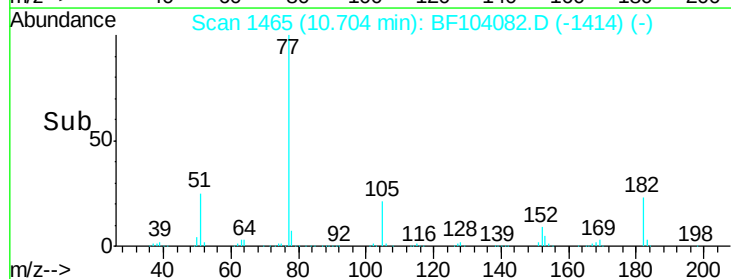
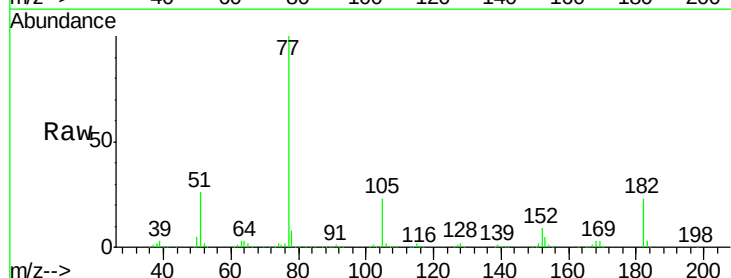
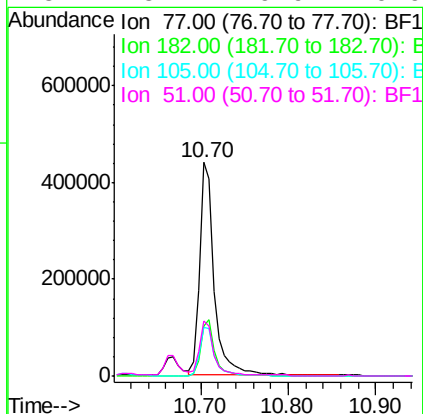
Manual Integrations
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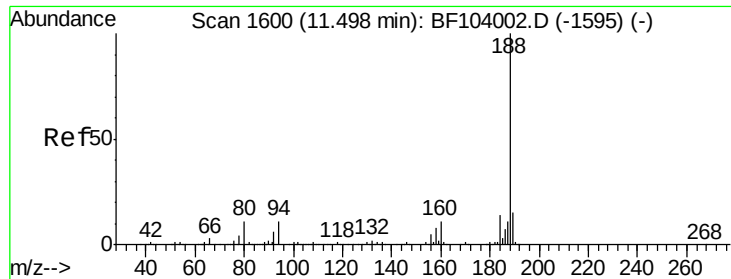
Sohil
3/30/2018 6:03:22 PM



#62
Azobenzene
Concen: 40.321 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.00 min
Lab File: BF104082.D
Acq: 30 Mar 2018 6:10

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.1	1.7	41.7
105	22.8	3.0	43.0
51	25.7	9.9	49.9





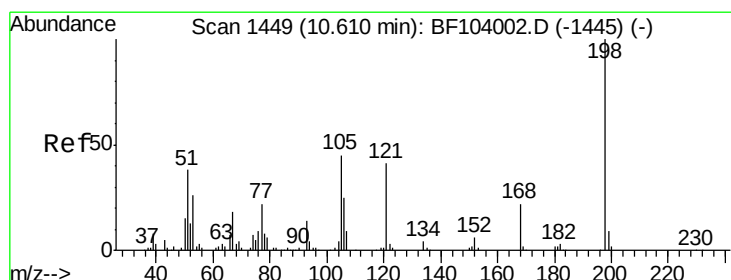
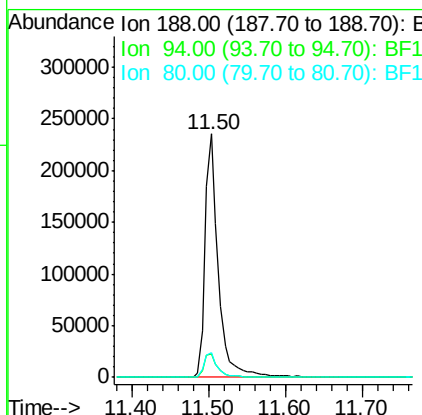
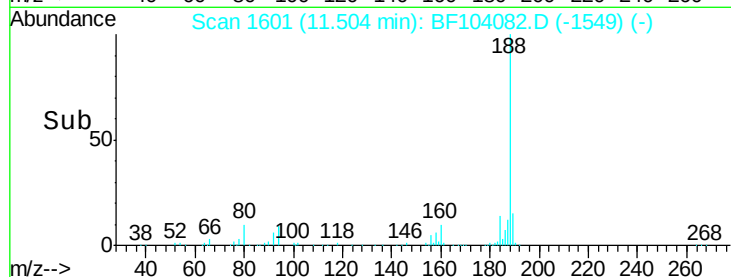
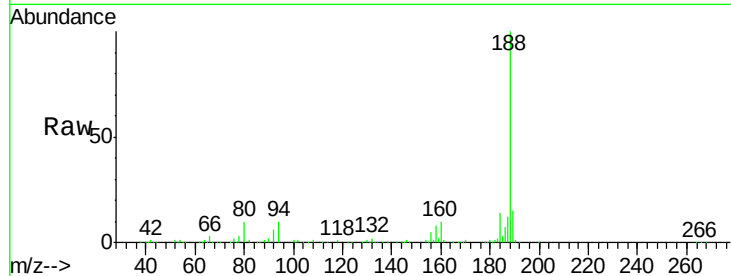
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF104082.D
Acq: 30 Mar 2018 6:10

Instrument :
BNA_F
ClientSampleId :
PB107808BSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	281562		
94	9.8		8.5	12.7
80	10.2		9.2	13.8

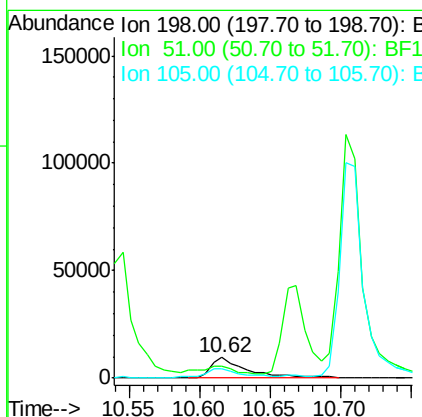
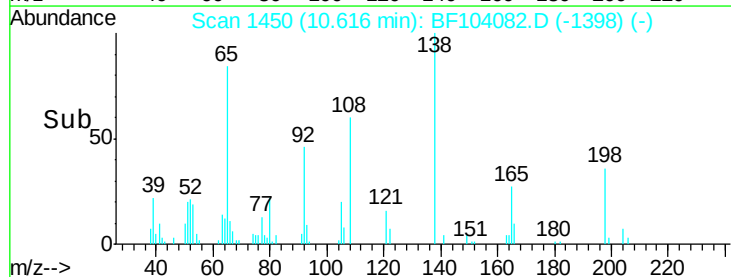
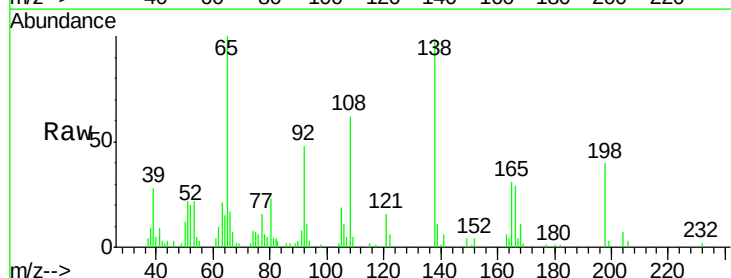
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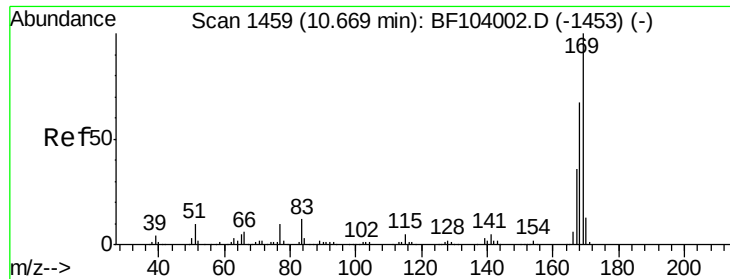
Sohil
3/30/2018 6:03:22 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 9.878 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.01 min
Lab File: BF104082.D
Acq: 30 Mar 2018 6:10

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	16835		
51	56.2		37.7	77.7
105	48.6		36.3	76.3





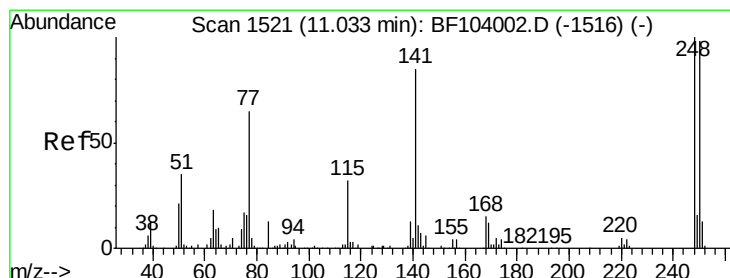
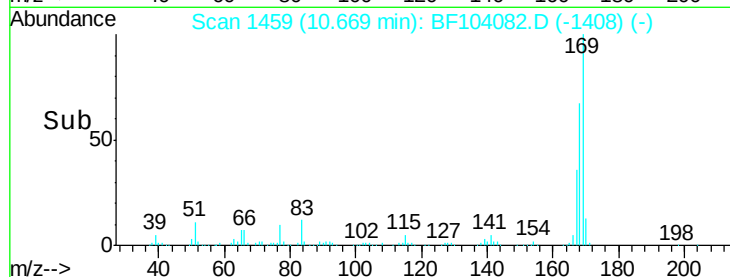
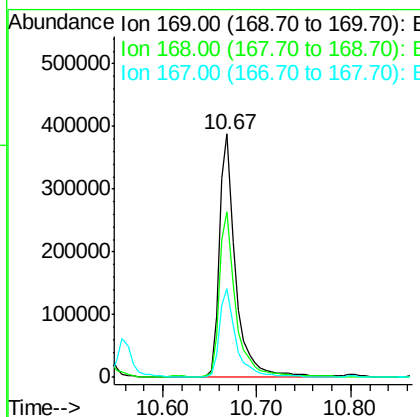
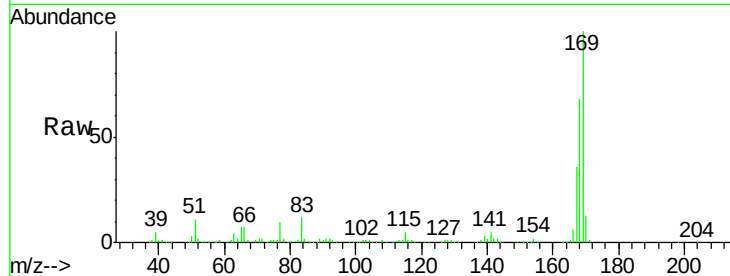
#65
 n-Nitrosodiphenylamine
 Concen: 49.620 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.00 min
 Lab File: BF104082.D
 Acq: 30 Mar 2018 6:10

Instrument :
 BNA_F
 ClientSampleId :
 PB107808BSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	68.0	54.4	81.6
167	36.3	29.8	44.6

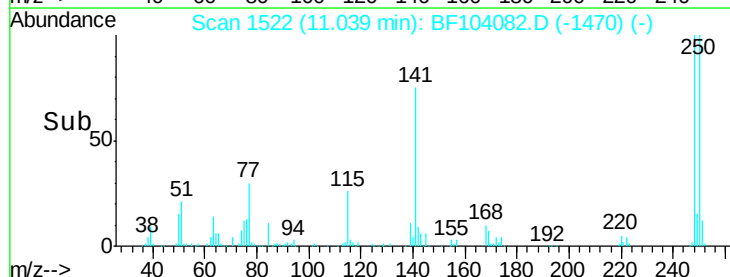
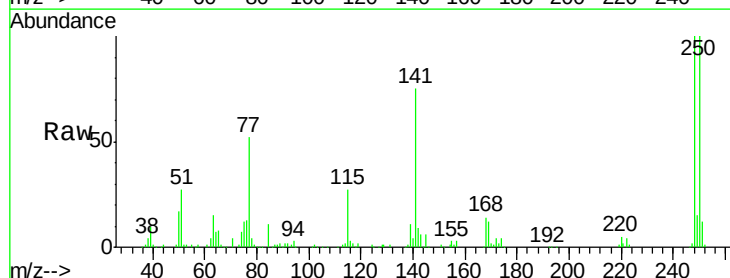
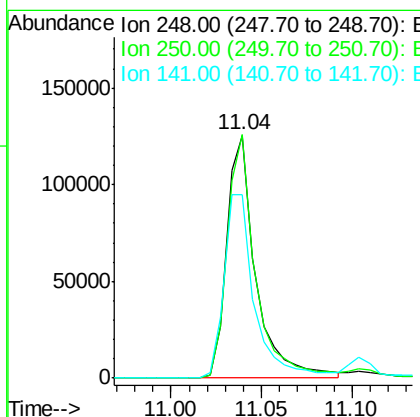
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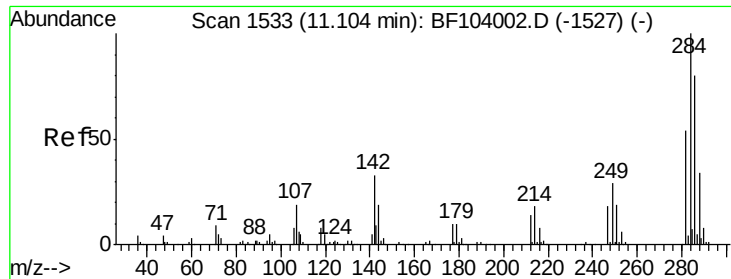
Sohil
 3/30/2018 6:03:22 PM



#66
 4-Bromophenyl-phenylether
 Concen: 46.660 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. 0.01 min
 Lab File: BF104082.D
 Acq: 30 Mar 2018 6:10

Tgt Ion	Ratio	Lower	Upper
248	100		
250	100.4	76.9	115.3
141	75.8	74.4	111.6





#67

Hexachlorobenzene

Concen: 42.726 ng

RT: 11.10 min Scan# 1533

Delta R.T. -0.00 min

Lab File: BF104082.D

Acq: 30 Mar 2018 6:10

Instrument :

BNA_F

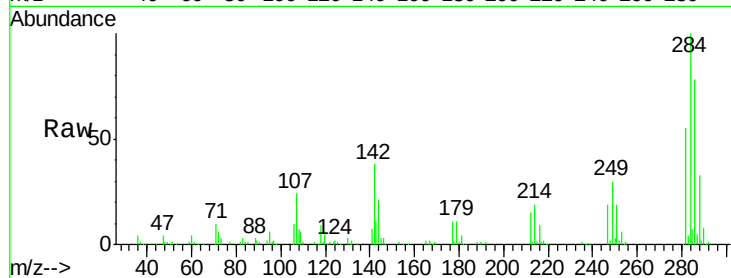
ClientSampleId :

PB107808BSD

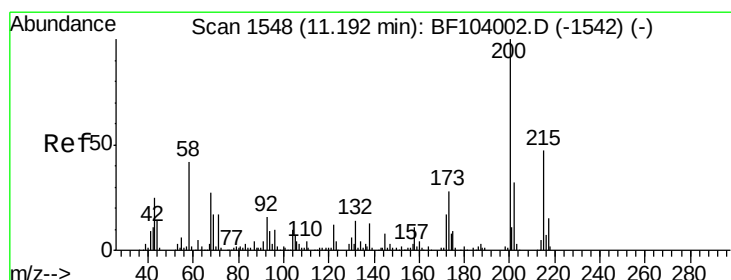
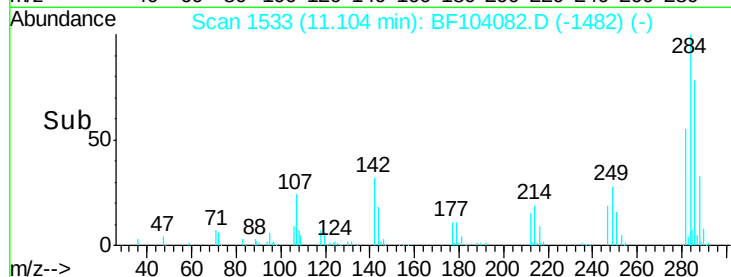
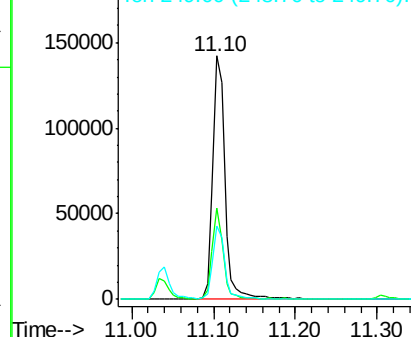
Tot Ion:	284	Resp:	148049
Ion Ratio	Lower	Upper	
284	100		
142	37.6	34.6	52.0
249	30.1	24.8	37.2

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



#68

Atrazine

Concen: 45.807 ng

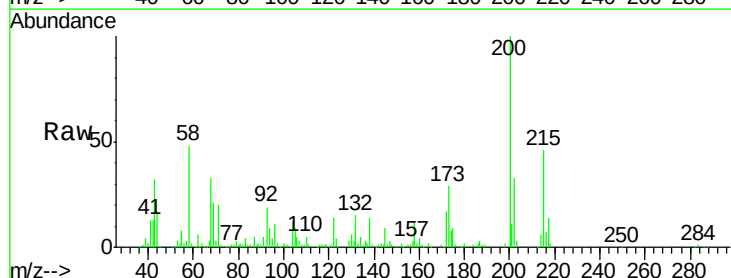
RT: 11.19 min Scan# 1547

Delta R.T. -0.01 min

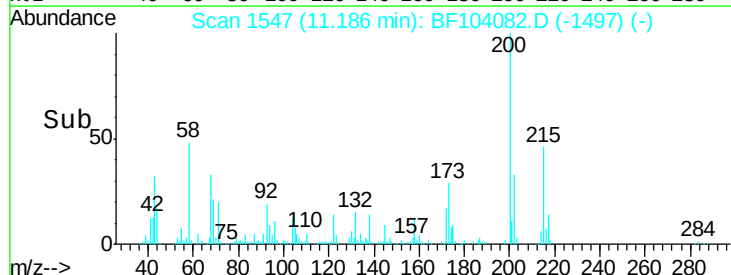
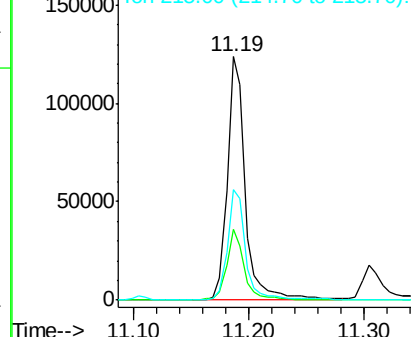
Lab File: BF104082.D

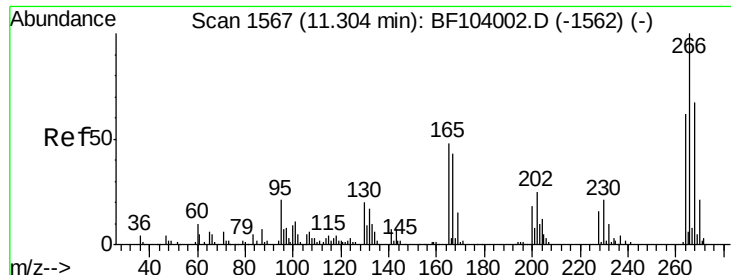
Acq: 30 Mar 2018 6:10

Tgt Ion:	200	Resp:	133816
Ion Ratio	Lower	Upper	
200	100		
173	29.3	8.6	48.6
215	45.5	25.1	65.1



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





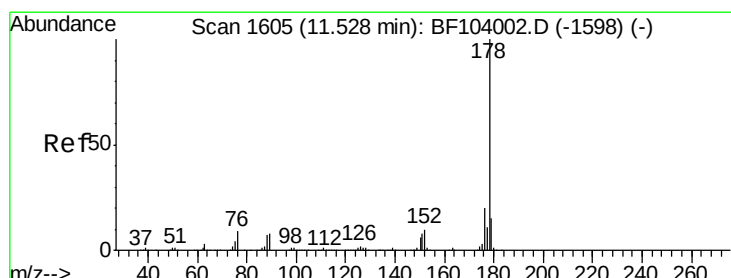
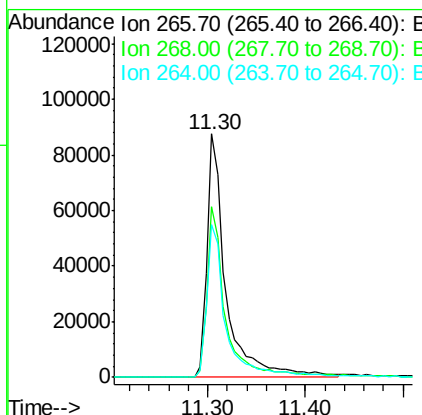
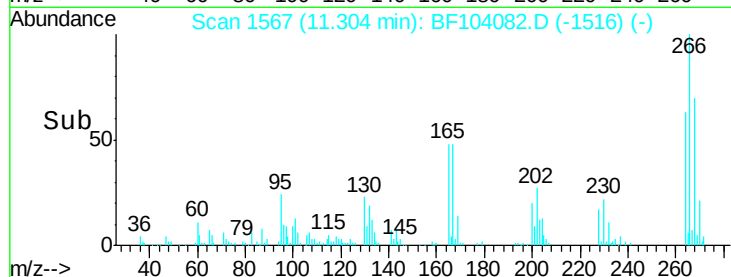
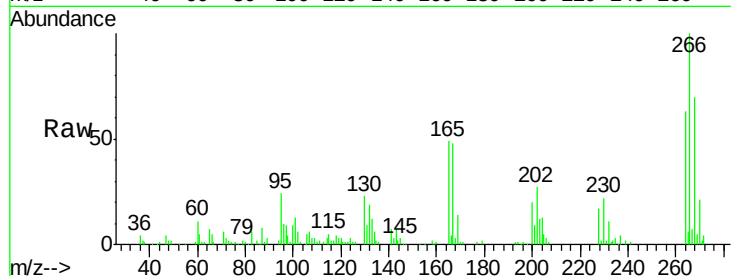
#69
 Pentachlorophenol
 Concen: 62.363 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. -0.00 min
 Lab File: BF104082.D
 Acq: 30 Mar 2018 6:10

Instrument :
 BNA_F
 ClientSampleId :
 PB107808BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	118912		
268	69.9	51.1	76.7	
264	62.9	49.5	74.3	

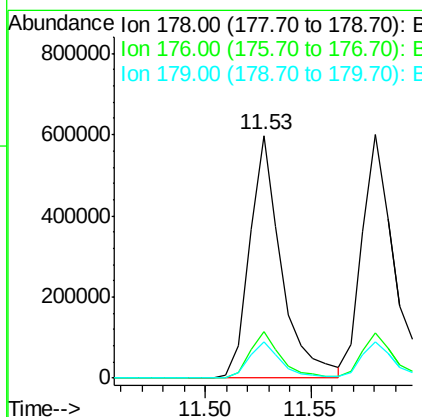
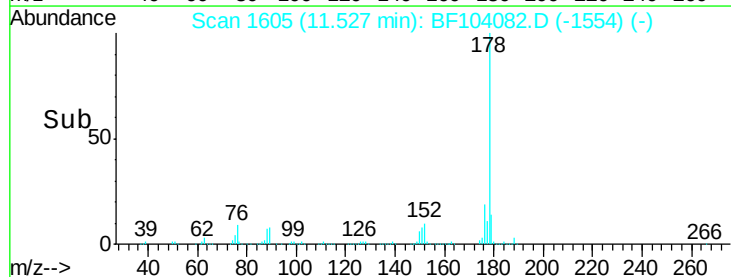
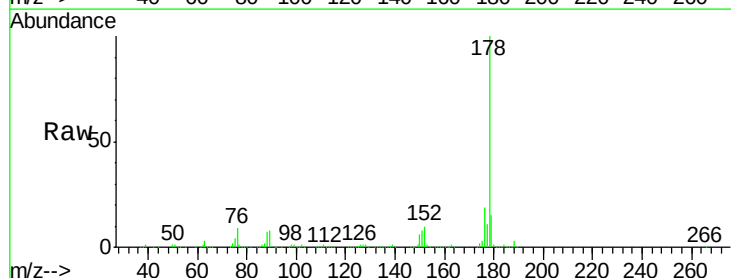
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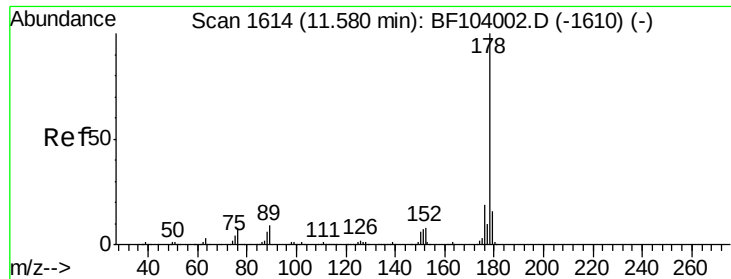
Sohil
 3/30/2018 6:03:22 PM



#70
 Phenanthrene
 Concen: 41.013 ng
 RT: 11.53 min Scan# 1605
 Delta R.T. -0.00 min
 Lab File: BF104082.D
 Acq: 30 Mar 2018 6:10

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	625204		
176	19.1	15.8	23.8	
179	15.2	13.0	19.6	





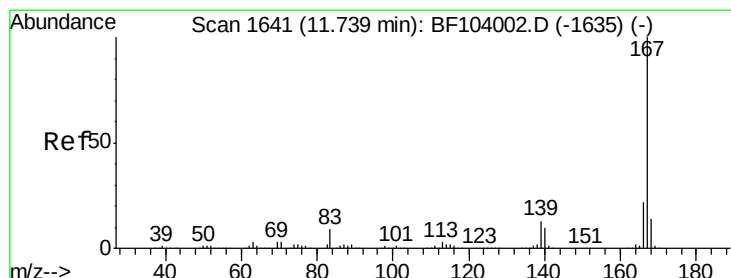
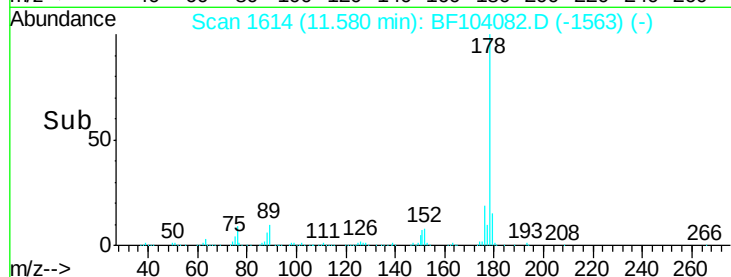
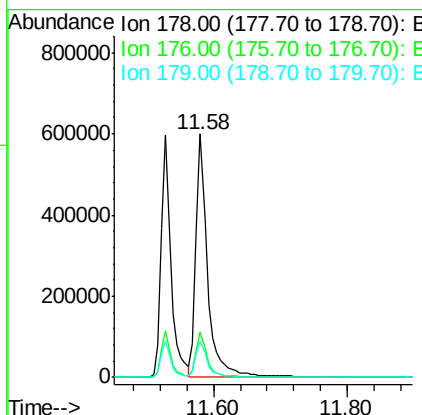
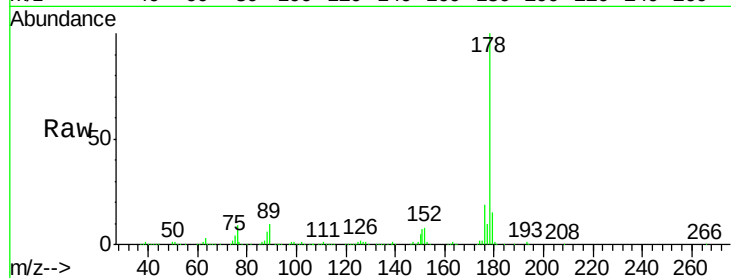
#71
 Anthracene
 Concen: 43.905 ng
 RT: 11.58 min Scan# 1614
 Delta R.T. -0.00 min
 Lab File: BF104082.D
 Acq: 30 Mar 2018 6:10

Instrument :
 BNA_F
 ClientSampleId :
 PB107808BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.1	12.6	19.0

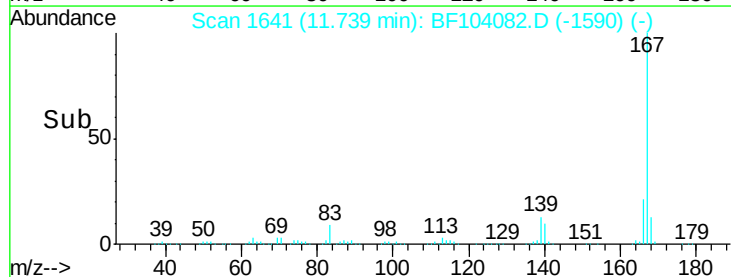
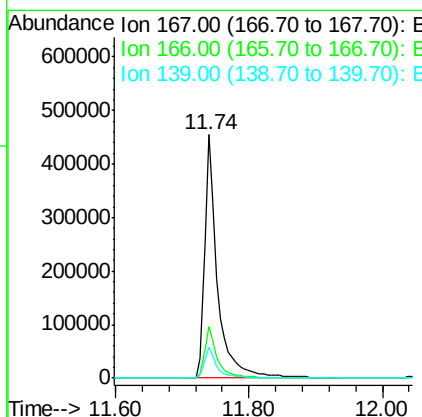
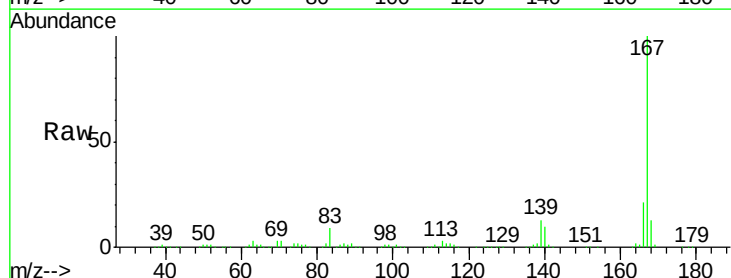
Manual Integrations
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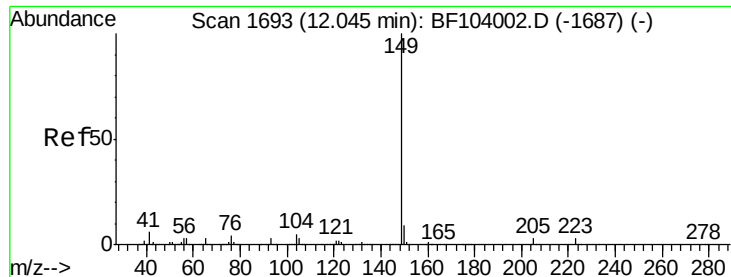
Sohil
 3/30/2018 6:03:22 PM



#72
 Carbazole
 Concen: 39.660 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. -0.00 min
 Lab File: BF104082.D
 Acq: 30 Mar 2018 6:10

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.6	26.4
139	12.8	10.9	16.3





#73

Di-n-butylphthalate

Concen: 44.356 ng

RT: 12.05 min Scan# 1693

Delta R.T. -0.00 min

Lab File: BF104082.D

Acq: 30 Mar 2018 6:10

Instrument :

BNA_F

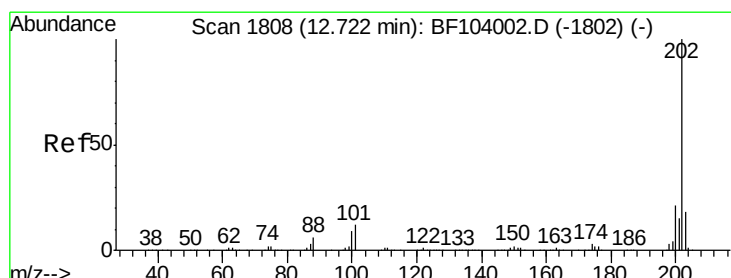
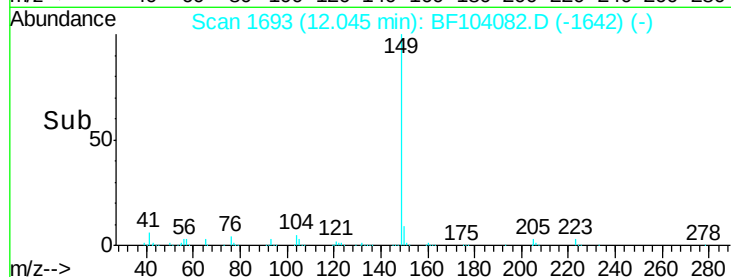
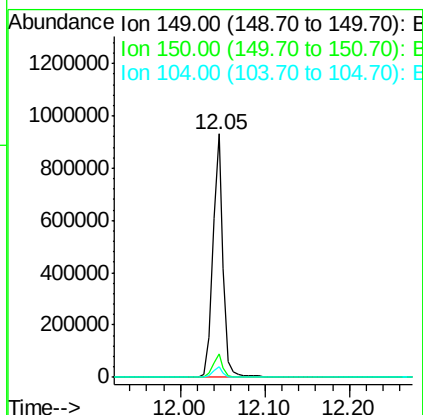
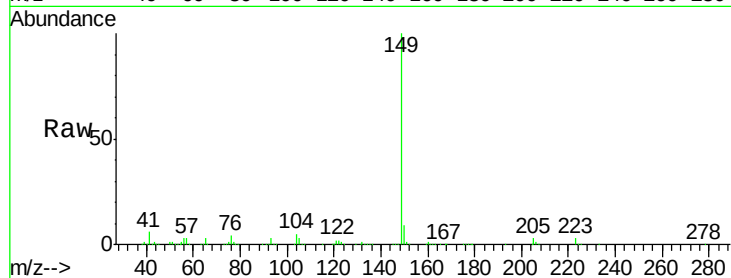
ClientSampleId :

PB107808BSD

Tot Ion:	149	Resp:	802949
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.8	11.6
104	4.5	3.8	5.8

Manual Integrations
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#74

Fluoranthene

Concen: 36.734 ng

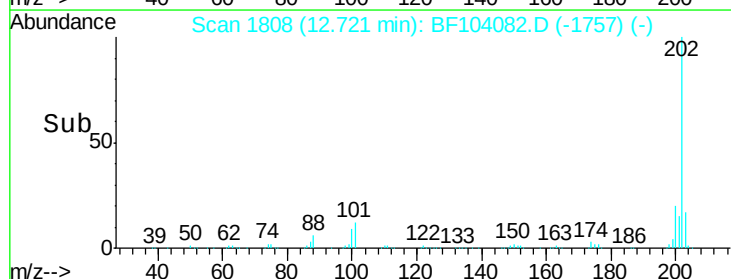
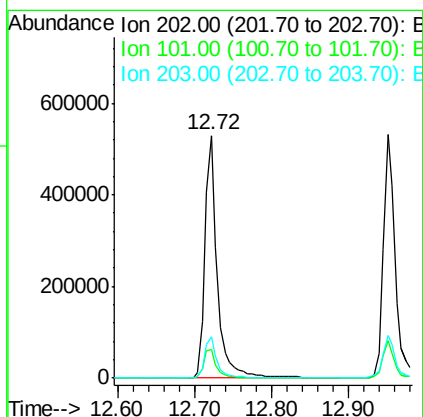
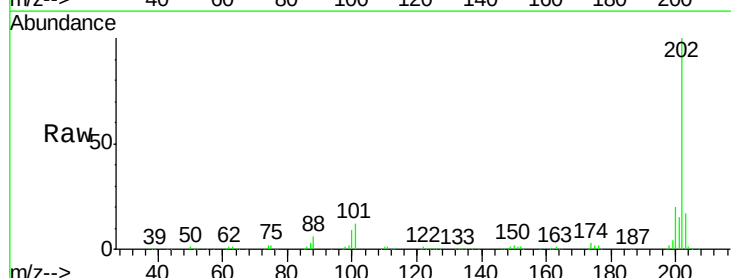
RT: 12.72 min Scan# 1808

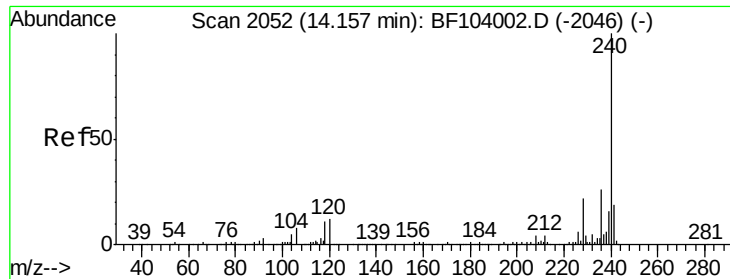
Delta R.T. -0.00 min

Lab File: BF104082.D

Acq: 30 Mar 2018 6:10

Tgt Ion:	202	Resp:	595225
Ion Ratio	Lower	Upper	
202	100		
101	11.9	0.0	34.1
203	16.8	0.0	38.1





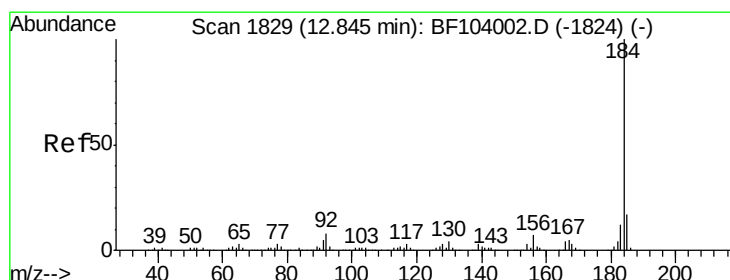
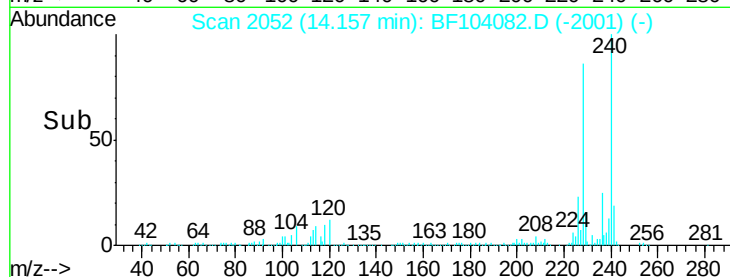
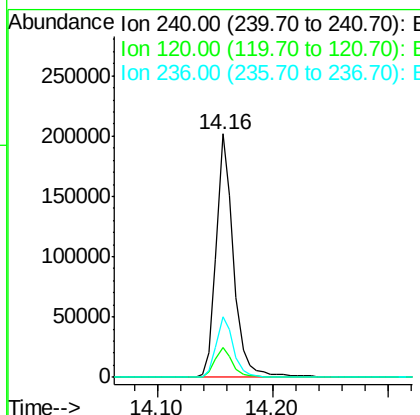
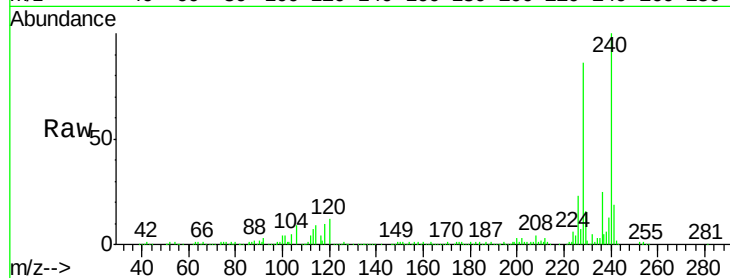
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.00 min
Lab File: BF104082.D
Acq: 30 Mar 2018 6:10

Instrument :
BNA_F
ClientSampleId :
PB107808BSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.5	14.3
236	24.8	20.7	31.1

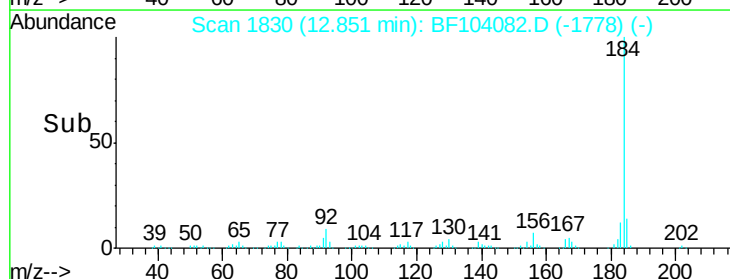
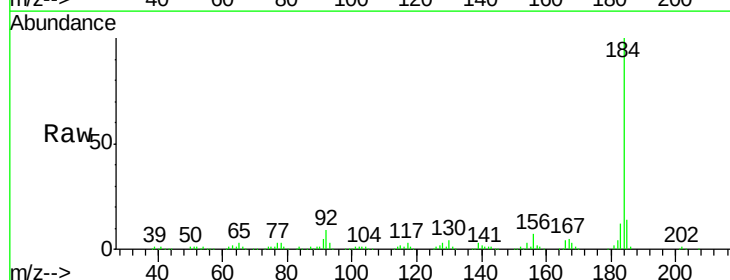
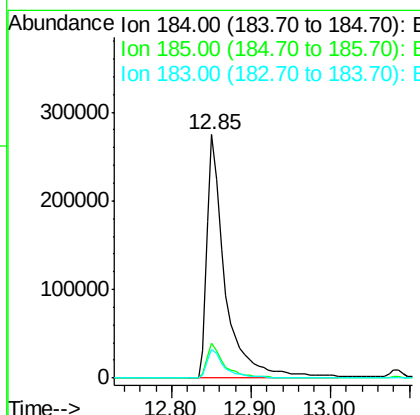
Manual Integrations
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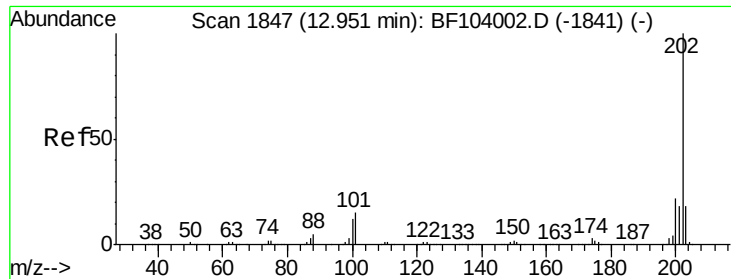
Sohil
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#76
Benzidine
Concen: 73.532 ng
RT: 12.85 min Scan# 1830
Delta R.T. 0.01 min
Lab File: BF104082.D
Acq: 30 Mar 2018 6:10

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.5	12.6	18.8
183	11.5	9.3	13.9





#77

Pvrene

Concen: 38.330 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.00 min

Lab File: BF104082.D

Acq: 30 Mar 2018 6:10

Instrument :

BNA_F

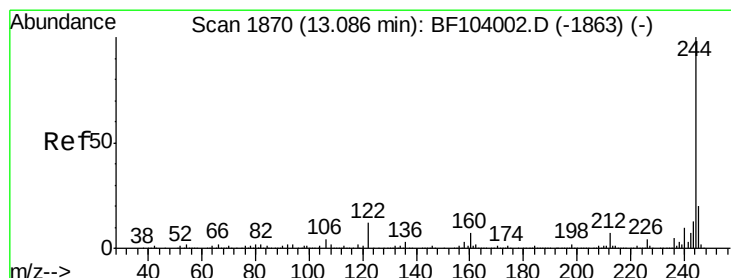
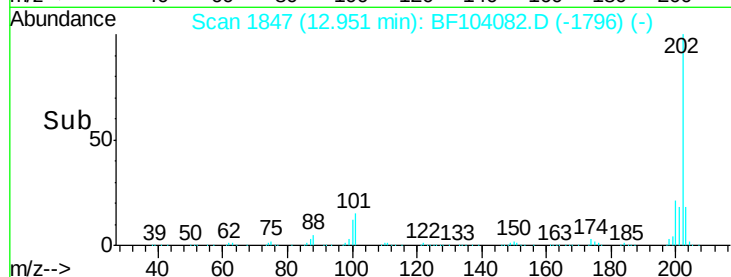
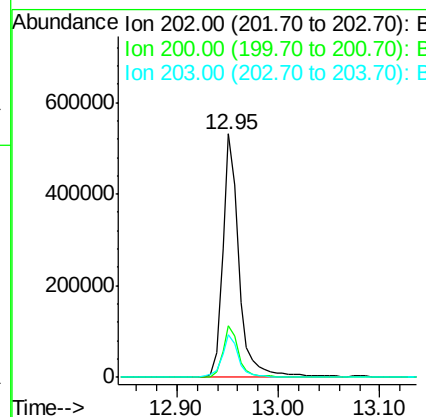
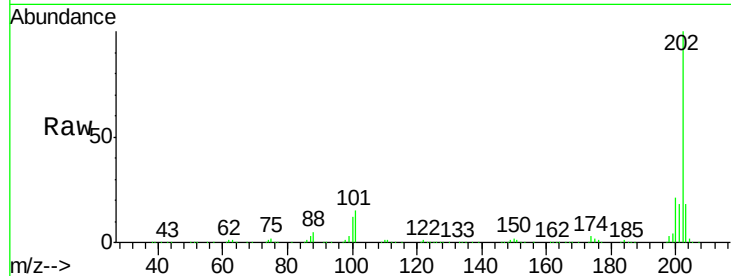
ClientSampleId :

PB107808BSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	17.5	14.3	21.5

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3/30/2018 6:03:22 PM



#78

Terphenyl-d14

Concen: 83.876 ng

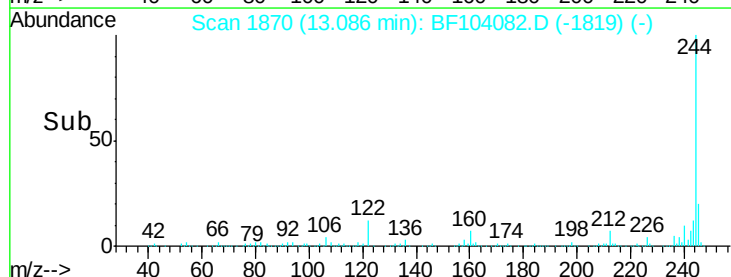
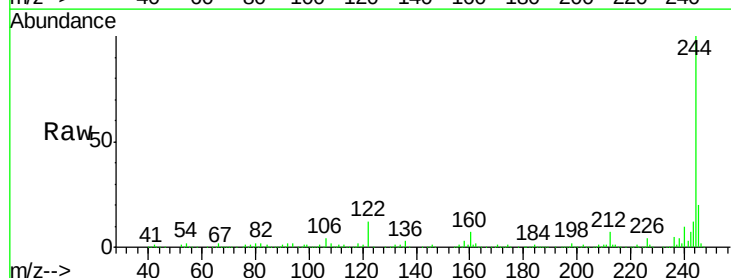
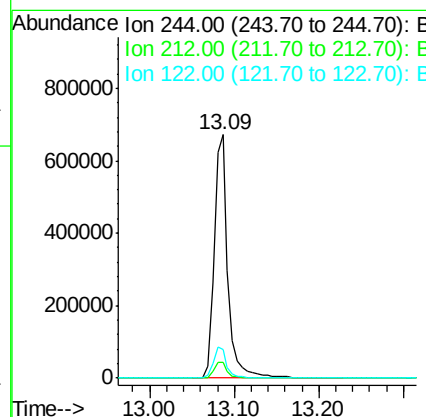
RT: 13.09 min Scan# 1870

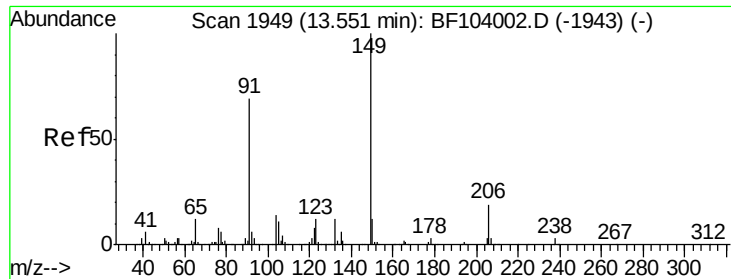
Delta R.T. -0.00 min

Lab File: BF104082.D

Acq: 30 Mar 2018 6:10

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	11.5	11.0	16.4





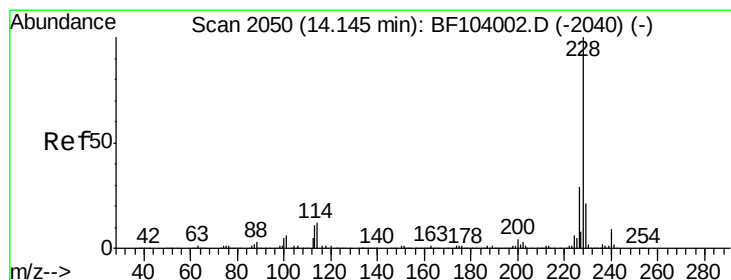
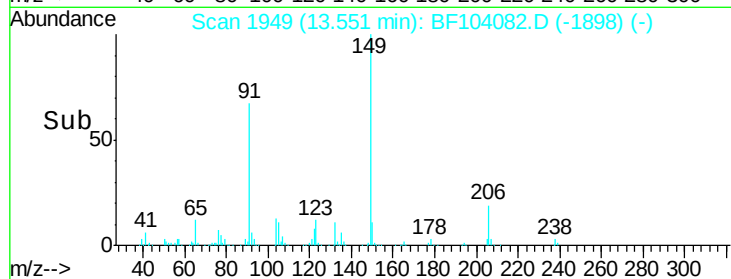
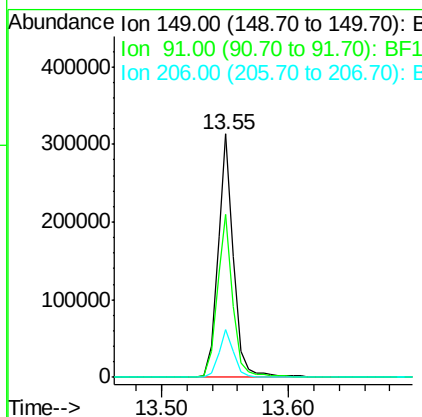
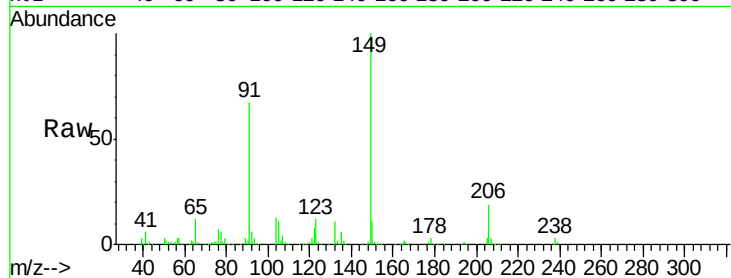
#79
Butylbenzylphthalate
Concen: 37.842 ng
RT: 13.55 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BF104082.D
Acq: 30 Mar 2018 6:10

Instrument :
BNA_F
ClientSampleId :
PB107808BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	270448		
91	66.9	56.8	85.2	
206	19.5	14.1	21.1	

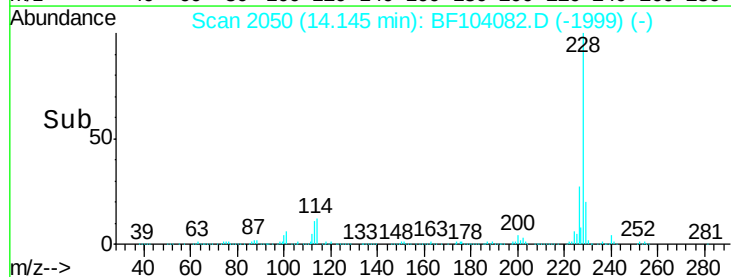
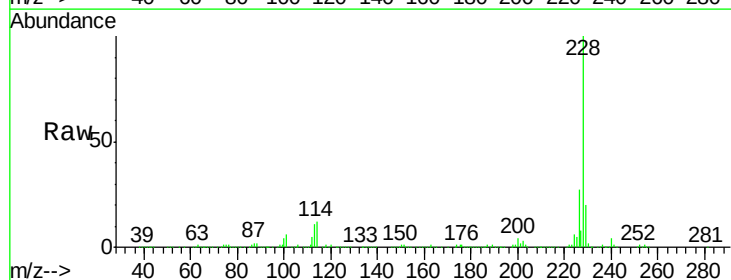
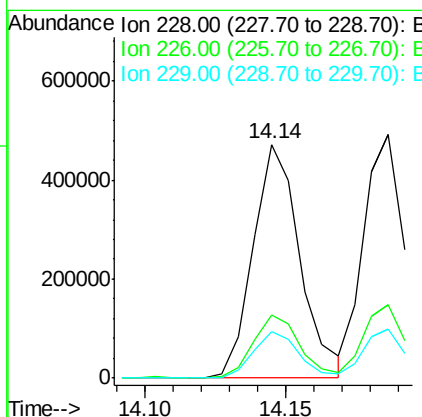
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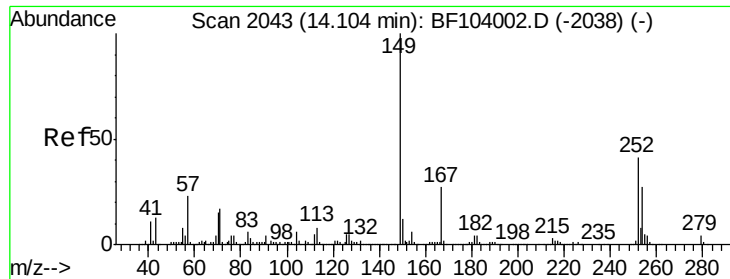
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#80
Benzo(a)anthracene
Concen: 41.160 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.00 min
Lab File: BF104082.D
Acq: 30 Mar 2018 6:10

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	543473		
226	26.9	22.6	33.8	
229	19.7	15.8	23.6	





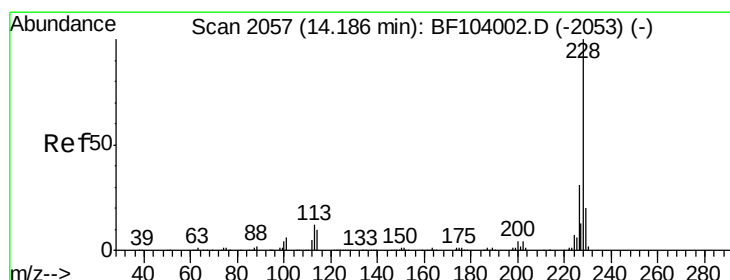
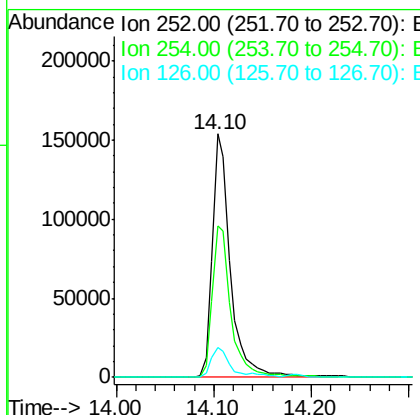
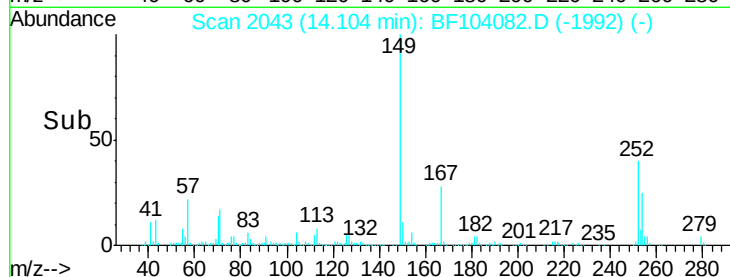
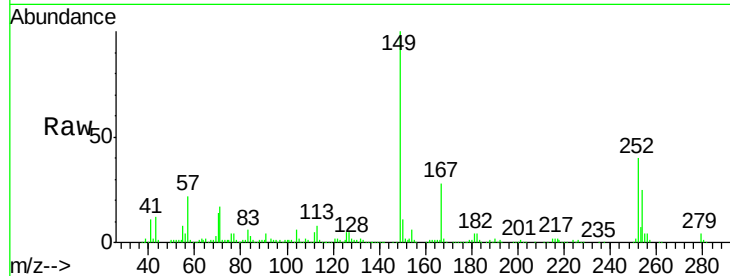
#81
 3,3'-Dichlorobenzidine
 Concen: 45.226 ng
 RT: 14.10 min Scan# 2043
 Delta R.T. -0.00 min
 Lab File: BF104082.D
 Acq: 30 Mar 2018 6:10

Instrument :
 BNA_F
 ClientSampleId :
 PB107808BSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	197664		
254	62.4	50.4	75.6	
126	12.3	11.3	16.9	

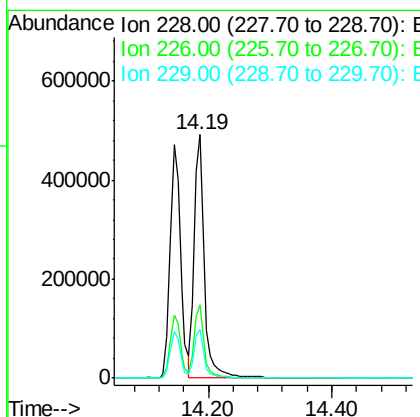
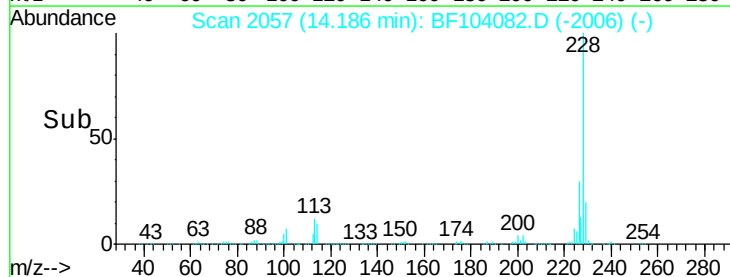
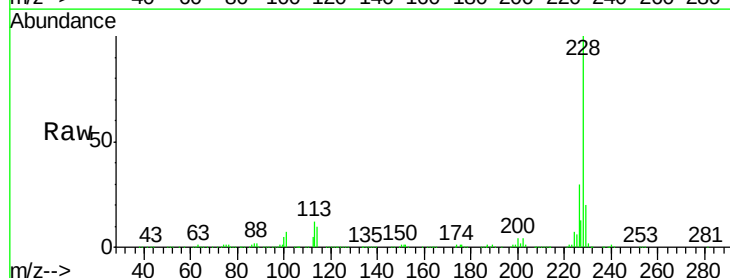
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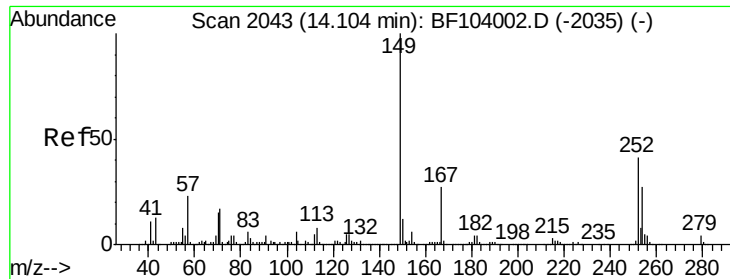
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#82
 Chrysene
 Concen: 43.052 ng
 RT: 14.19 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: BF104082.D
 Acq: 30 Mar 2018 6:10

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	556779		
226	30.2	25.0	37.6	
229	19.9	16.2	24.4	





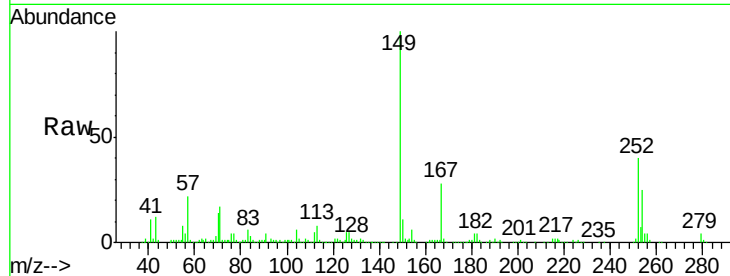
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.369 ng
 RT: 14.10 min Scan# 2043
 Delta R.T. -0.00 min
 Lab File: BF104082.D
 Acq: 30 Mar 2018 6:10

Instrument :
 BNA_F
 ClientSampleId :
 PB107808BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.9	21.3	31.9
279	3.9	3.0	4.4

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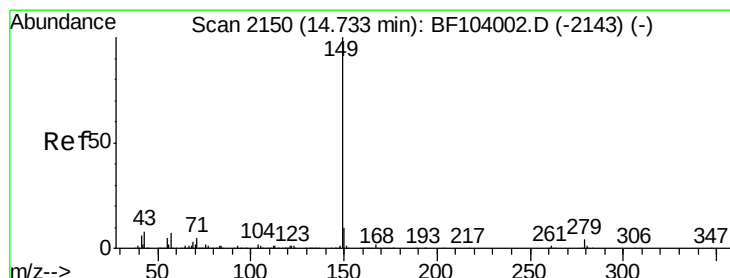
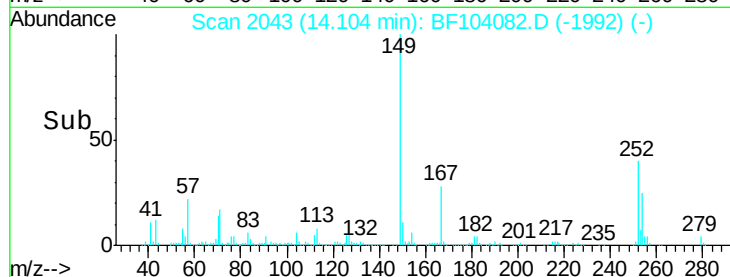
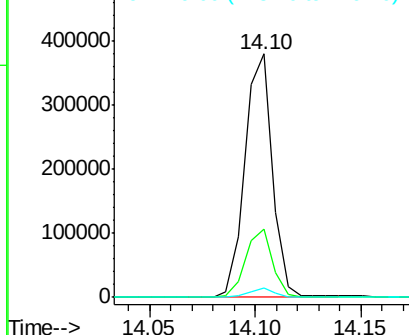


Abundance

Ion 149.00 (148.70 to 149.70): E

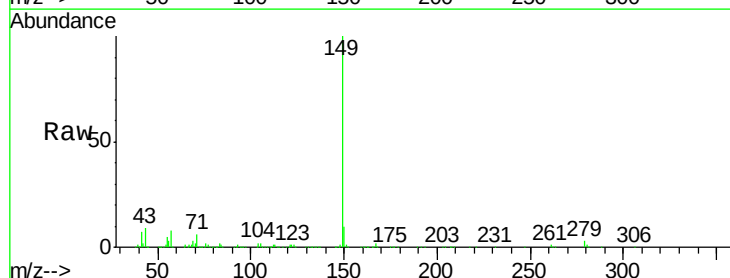
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84
 Di-n-octyl phthalate
 Concen: 40.447 ng
 RT: 14.73 min Scan# 2149
 Delta R.T. -0.01 min
 Lab File: BF104082.D
 Acq: 30 Mar 2018 6:10

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.9	8.4	12.6#

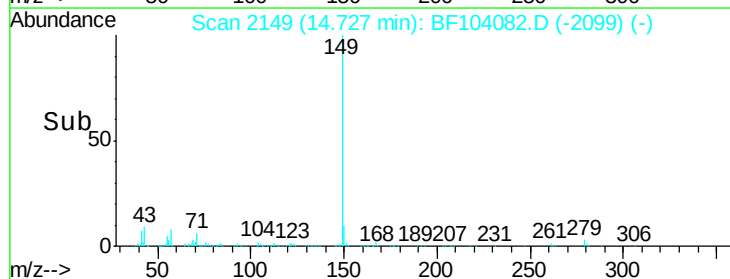
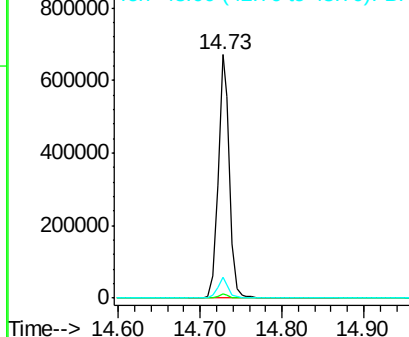


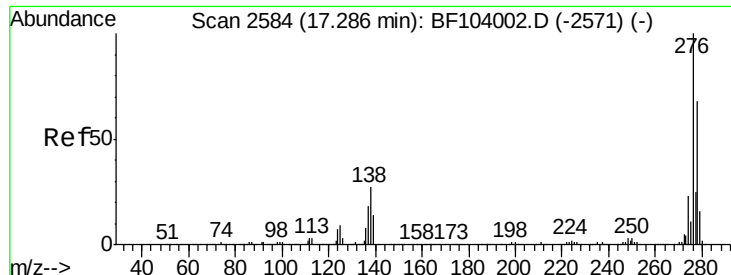
Abundance

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





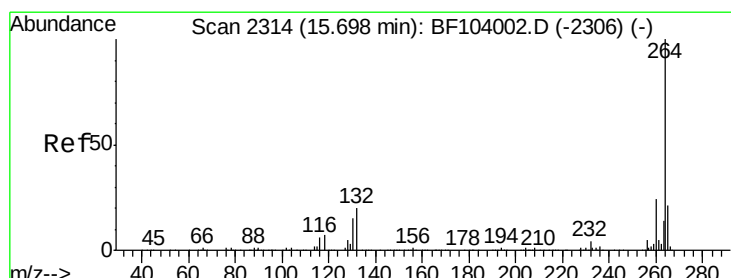
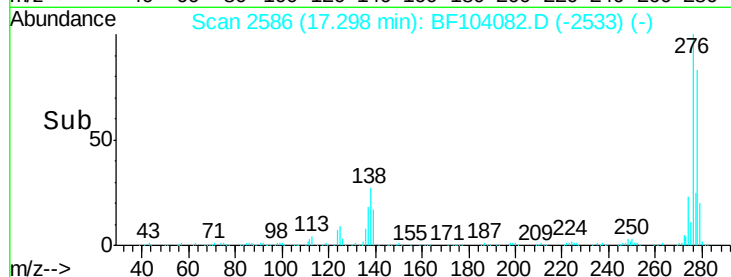
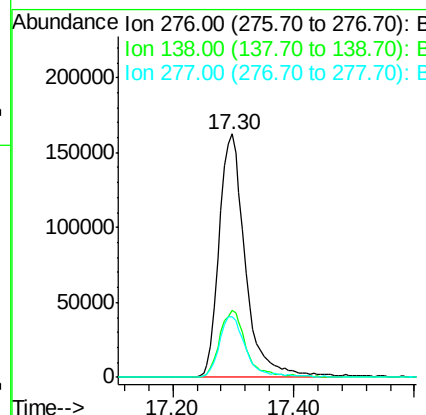
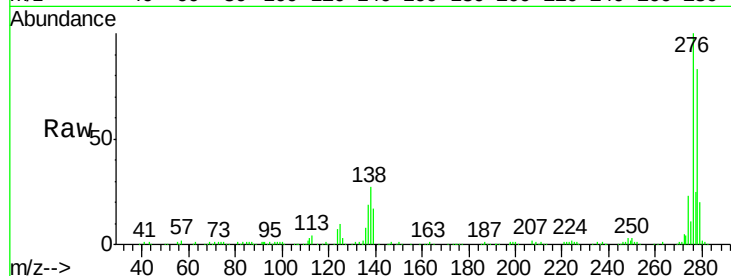
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.652 ng
 RT: 17.30 min Scan# 2586
 Delta R.T. 0.01 min
 Lab File: BF104082.D
 Acq: 30 Mar 2018 6:10

Instrument :
 BNA_F
 ClientSampleId :
 PB107808BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.1	25.0	37.6
277	25.4	20.1	30.1

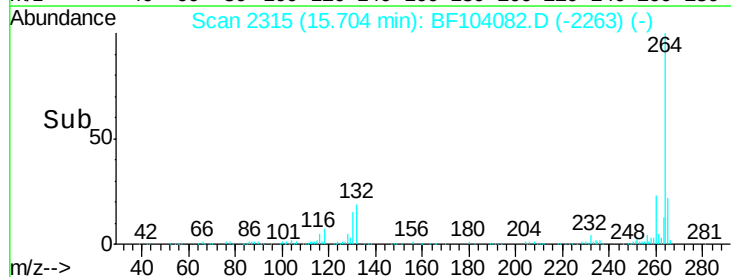
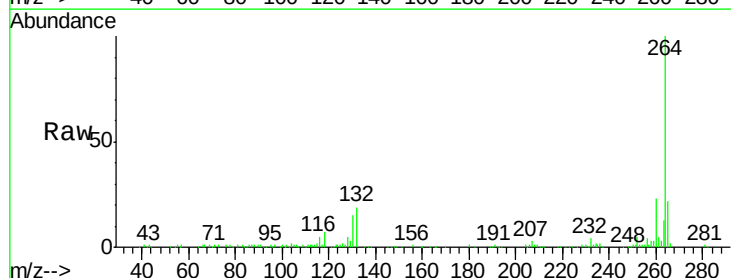
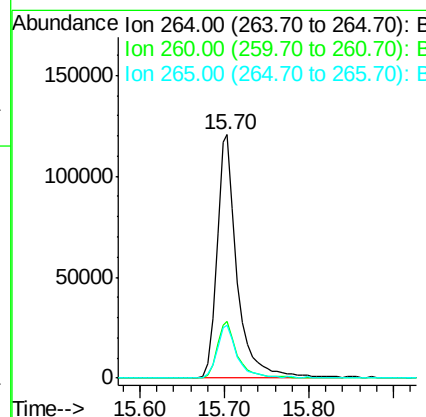
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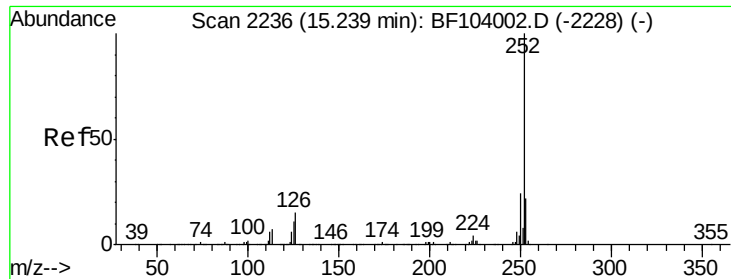
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2315
 Delta R.T. 0.01 min
 Lab File: BF104082.D
 Acq: 30 Mar 2018 6:10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.6	17.5	26.3





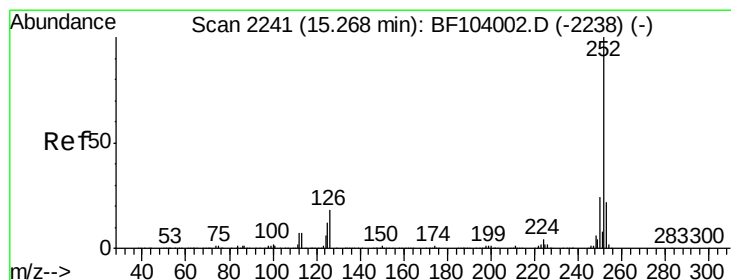
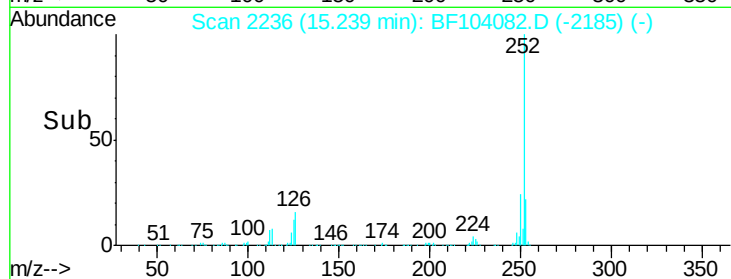
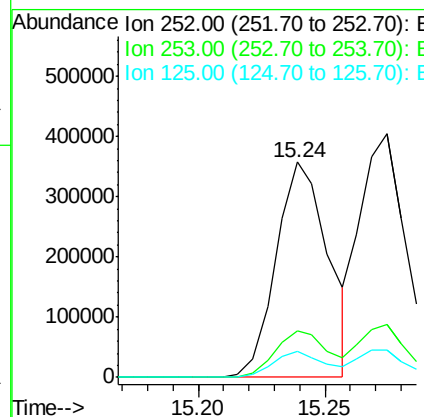
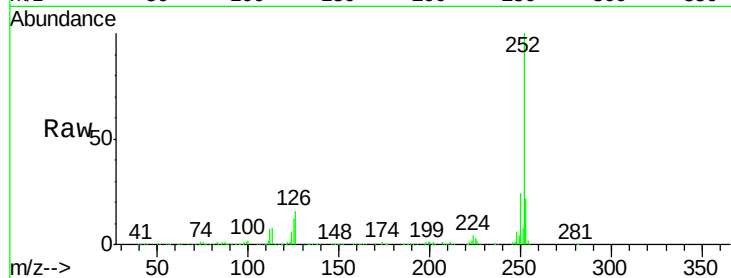
#87
Benzo(b)fluoranthene
Concen: 41.377 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BF104082.D
Acq: 30 Mar 2018 6:10

Instrument :
BNA_F
ClientSampleId :
PB107808BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.6
125	12.2	9.0	13.6

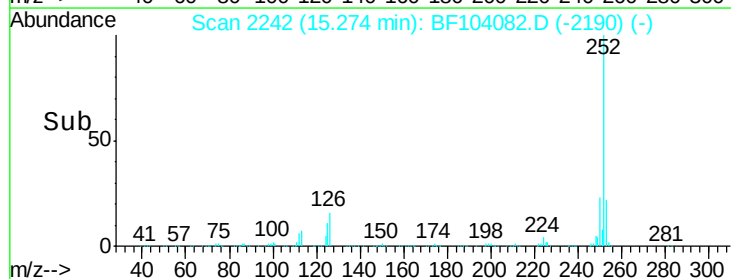
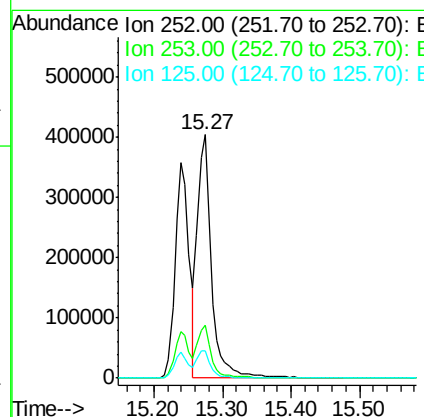
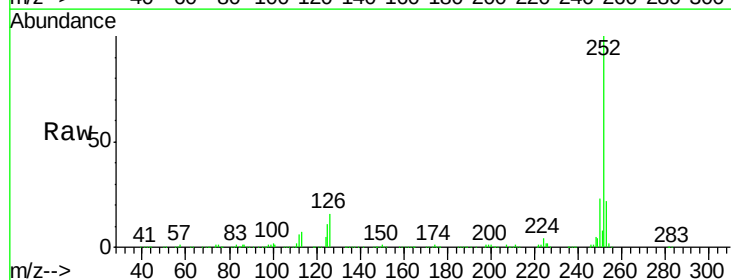
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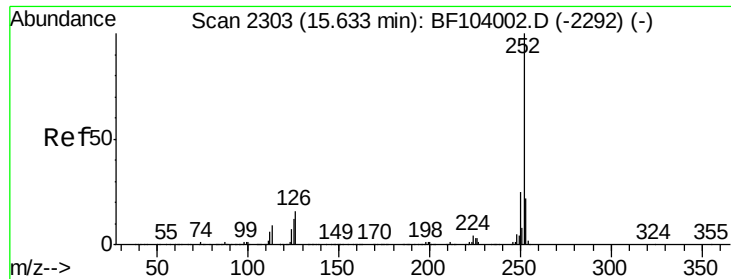
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#88
Benzo(k)fluoranthene
Concen: 49.034 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.01 min
Lab File: BF104082.D
Acq: 30 Mar 2018 6:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	11.1	10.2	15.2





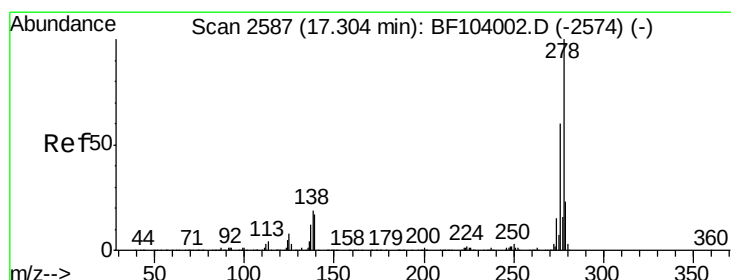
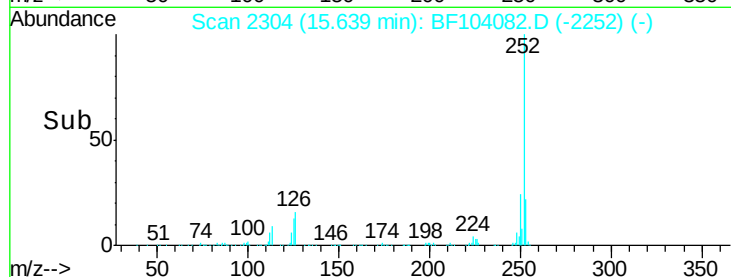
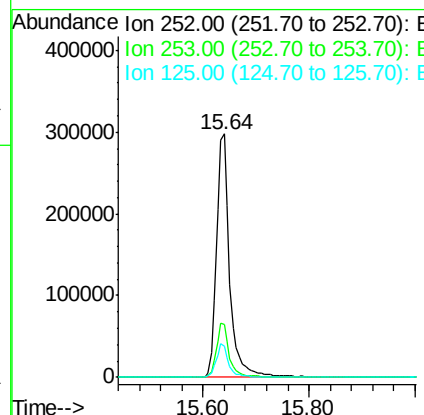
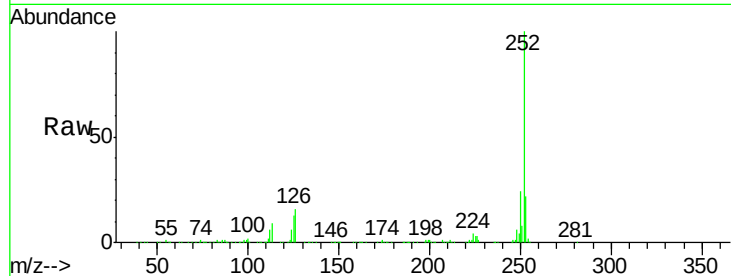
#89
Benzo(a)pyrene
Concen: 45.379 ng
RT: 15.64 min Scan# 2304
Delta R.T. 0.01 min
Lab File: BF104082.D
Acq: 30 Mar 2018 6:10

Instrument :
BNA_F
ClientSampleId :
PB107808BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	12.7	9.8	14.6

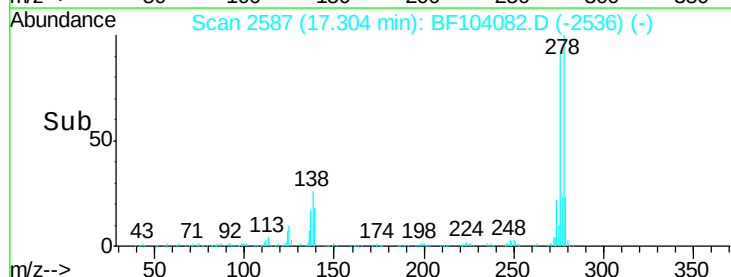
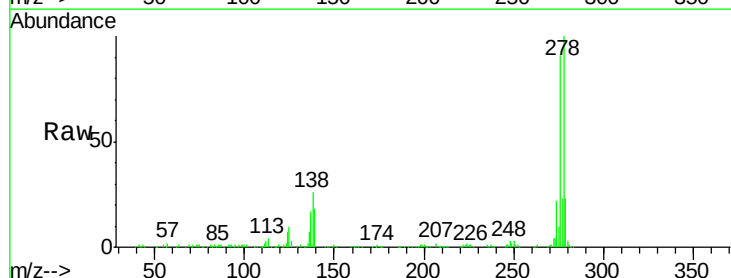
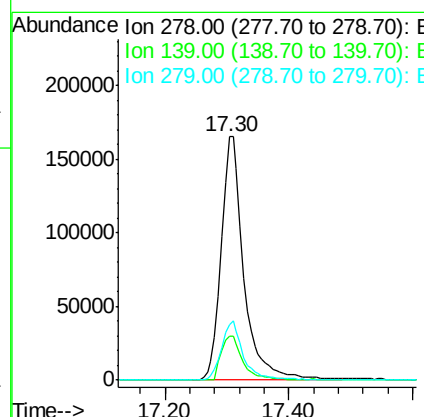
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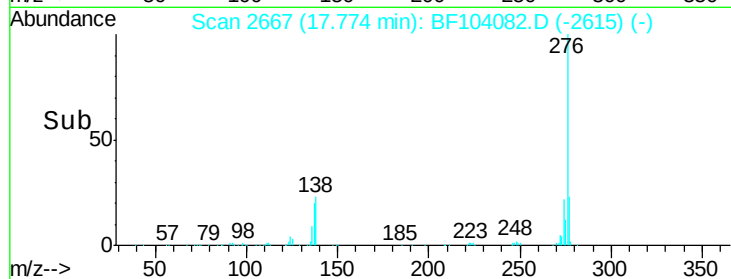
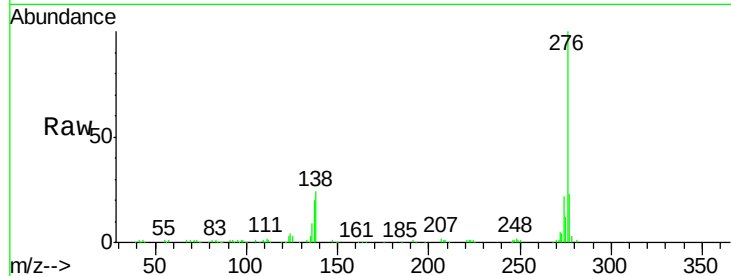
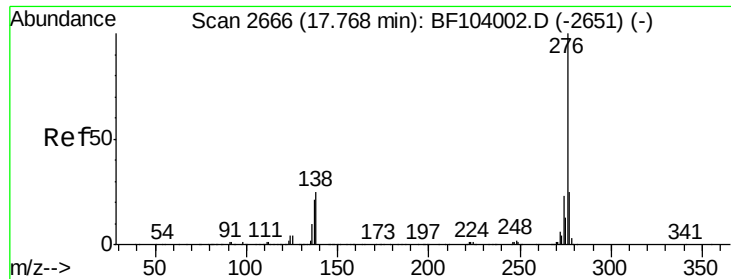
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#90
Dibenzo(a,h)anthracene
Concen: 40.019 ng
RT: 17.30 min Scan# 2587
Delta R.T. -0.00 min
Lab File: BF104082.D
Acq: 30 Mar 2018 6:10

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.2	15.9	23.9
279	22.9	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 36.429 ng
 RT: 17.77 min Scan# 2667
 Delta R.T. 0.01 min
 Lab File: BF104082.D
 Acq: 30 Mar 2018 6:10

Instrument :
 BNA_F
 ClientSampleId :
 PB107808BSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	17.9	26.9
138	23.6	21.8	32.8

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