

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032219\
 Data File : BF113234.D
 Acq On : 22 Mar 2019 15:00
 Operator : JU/SJ
 Sample : K2040-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4B(2-10)MSD

Manual Integrations
 APPROVED

Sohil
 3/25/2019 6:32:06 PM

Quant Time: Mar 23 00:04:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	150062	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	570108	20.00	ng	-0.02
39) Acenaphthene-d10	9.75	164	249859	20.00	ng	-0.02
64) Phenanthrene-d10	11.23	188	513981	20.00	ng	-0.02
76) Chrysene-d12	13.86	240	404058	20.00	ng	0.00
87) Perylene-d12	15.27	264	411291	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	920125	95.38	ng	0.00
7) Phenol-d6	6.37	99	1182961	97.62	ng	0.00
23) Nitrobenzene-d5	7.28	82	723647	75.95	ng	-0.02
42) 2,4,6-Tribromophenol	10.54	330	347245	130.91	ng	-0.01
45) 2-Fluorobiphenyl	9.07	172	1220454	79.58	ng	-0.02
79) Terphenyl-d14	12.82	244	1456960	69.90	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	121668	25.160	ng	97
3) Pyridine	3.12	79	328658	25.404	ng	100
4) n-Nitrosodimethylamine	3.04	42	159738	28.226	ng	99
6) Aniline	6.37	93	349349	20.944	ng	# 44
8) 2-Chlorophenol	6.50	128	353706	32.938	ng	98
9) Benzaldehyde	6.26	77	95339	10.919	ng	99
10) Phenol	6.38	94	455389	32.203	ng	86
11) bis(2-Chloroethyl)ether	6.45	93	341746	31.486	ng	97
12) 1,3-Dichlorobenzene	6.66	146	385452	34.746	ng	97
13) 1,4-Dichlorobenzene	6.73	146	385867	34.684	ng	98
14) 1,2-Dichlorobenzene	6.89	146	359231	35.224	ng	97
15) Benzyl Alcohol	6.86	79	295935	32.026	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	541238	29.880	ng	91
17) 2-Methylphenol	6.99	107	287378	32.987	ng	95
18) Hexachloroethane	7.23	117	137217	32.199	ng	92
19) n-Nitroso-di-n-propylamine	7.13	70	248689	32.403	ng	99
20) 3+4-Methylphenols	7.14	107	367870	37.402	ng	# 65
22) Acetophenone	7.13	105	491979	36.906	ng	# 89
24) Nitrobenzene	7.30	77	373259	35.199	ng	98
25) Isophorone	7.54	82	690231	33.628	ng	99
26) 2-Nitrophenol	7.62	139	197161	44.664	ng	100
27) 2,4-Dimethylphenol	7.66	122	316579	38.549	ng	99
28) bis(2-Chloroethoxy)methane	7.75	93	440183	34.301	ng	99
29) 2,4-Dichlorophenol	7.86	162	317513	39.869	ng	98
30) 1,2,4-Trichlorobenzene	7.95	180	333175	38.935	ng	97
31) Naphthalene	8.02	128	1049575	37.081	ng	99
32) Benzoic acid	7.76	122	50368	8.751	ng	96
33) 4-Chloroaniline	8.07	127	246622	20.572	ng	99
34) Hexachlorobutadiene	8.14	225	196850	40.790	ng	98
35) Caprolactam	8.44	113	92626m	33.023	ng	
36) 4-Chloro-3-methylphenol	8.57	107	317942	36.074	ng	95
37) 2-Methylnaphthalene	8.71	142	695891	38.071	ng	99
38) 1-Methylnaphthalene	8.81	142	607917	34.333	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.88	216	309901	42.533	ng	99

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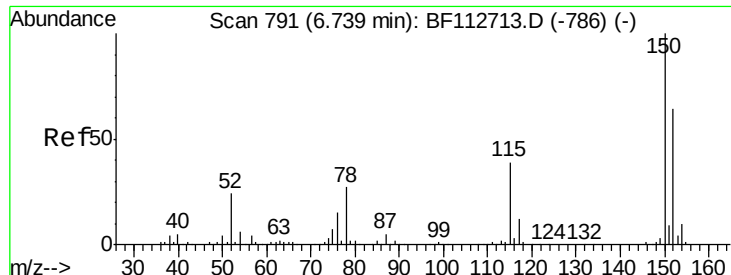
Manual Integrations
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 3/25/2019 6:32:06 PM

Quant Time: Mar 23 00:04:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	307579	77.090	ng	99
43) 2,4,6-Trichlorophenol	9.00	196	208147	41.509	ng	97
44) 2,4,5-Trichlorophenol	9.04	196	217459	40.121	ng	100
46) 1,1'-Biphenyl	9.17	154	745915	36.601	ng	98
47) 2-Chloronaphthalene	9.20	162	568045	35.696	ng	99
48) 2-Nitroaniline	9.29	65	180453	37.307	ng	98
49) Acenaphthylene	9.61	152	934168	34.579	ng	99
50) Dimethylphthalate	9.48	163	761562	41.337	ng	99
51) 2,6-Dinitrotoluene	9.54	165	152893	39.852	ng #	78
52) Acenaphthene	9.79	154	532024	33.676	ng	98
53) 3-Nitroaniline	9.70	138	129370	27.674	ng	93
54) 2,4-Dinitrophenol	9.82	184	117621	75.359	ng	97
55) Dibenzofuran	9.96	168	826916	36.013	ng	97
56) 4-Nitrophenol	9.89	139	232227	61.123	ng	96
57) 2,4-Dinitrotoluene	9.95	165	201073	42.164	ng	86
58) Fluorene	10.30	166	629735	38.642	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.08	232	184626	40.885	ng	95
60) Diethylphthalate	10.17	149	700031	35.977	ng	100
61) 4-Chlorophenyl-phenylether	10.29	204	316524	41.745	ng	92
62) 4-Nitroaniline	10.32	138	167043	38.669	ng	99
63) Azobenzene	10.45	77	641000	32.162	ng	95
65) 4,6-Dinitro-2-methylphenol	10.36	198	93702	44.718	ng #	73
66) n-Nitrosodiphenylamine	10.41	169	575847	34.934	ng	99
67) 4-Bromophenyl-phenylether	10.78	248	210720	38.923	ng #	90
68) Hexachlorobenzene	10.85	284	240921	39.478	ng #	91
69) Atrazine	10.94	200	190933	37.820	ng	98
70) Pentachlorophenol	11.04	266	234234	65.212	ng	97
71) Phenanthrene	11.26	178	950845	37.182	ng	99
72) Anthracene	11.31	178	983376	36.736	ng	99
73) Carbazole	11.46	167	916657	35.103	ng	99
74) Di-n-butylphthalate	11.80	149	1166879	37.267	ng	99
75) Fluoranthene	12.44	202	1069669	39.042	ng	97
77) Benzidine	12.56	184	381869	18.216	ng	98
78) Pyrene	12.67	202	1080566	31.723	ng	100
80) Butylbenzylphthalate	13.29	149	503986	33.519	ng	94
81) Benzo(a)anthracene	13.86	228	837020	29.889	ng	98
82) 3,3'-Dichlorobenzidine	13.82	252	250190	23.622	ng #	98
83) Chrysene	13.89	228	863140	31.466	ng	99
84) Bis(2-ethylhexyl)phthalate	13.85	149	692719	39.279	ng	99
85) Di-n-octyl phthalate	14.46	149	1280824	42.295	ng	96
86) Indeno(1,2,3-cd)pyrene	16.64	276	1026585	43.898	ng	95
88) Benzo(b)fluoranthene	14.87	252	872684	32.803	ng	97
89) Benzo(k)fluoranthene	14.90	252	815500m	33.842	ng	
90) Benzo(a)pyrene	15.22	252	852166	36.214	ng	98
91) Dibenzo(a,h)anthracene	16.66	278	853649	42.513	ng	96
92) Benzo(g,h,i)perylene	17.05	276	927523	46.002	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.72 min Scan# 787

Delta R.T. -0.02 min

Lab File: BF113234.D

Acq: 22 Mar 2019 15:00

Instrument :

BNA_F

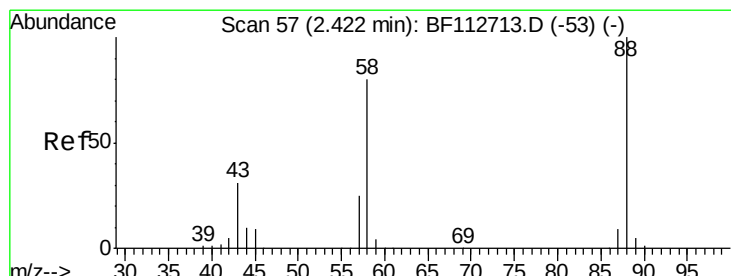
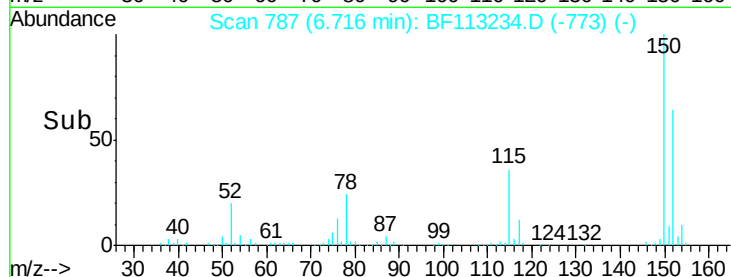
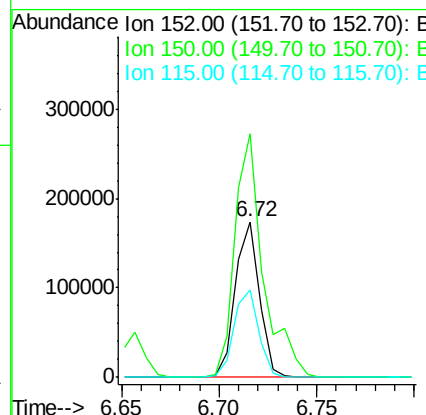
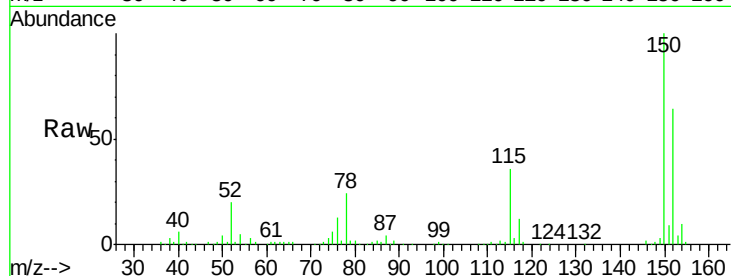
ClientSampleId :

S4B(2-10)MSD

Tgt Ion:	152	Resp:	150062
Ion Ratio	Lower	Upper	
152	100		
150	156.4	124.2	186.2
115	56.5	48.2	72.4

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#2

1,4-Dioxane

Concen: 25.160 ng

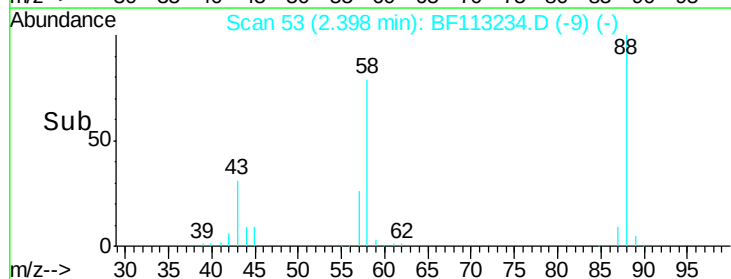
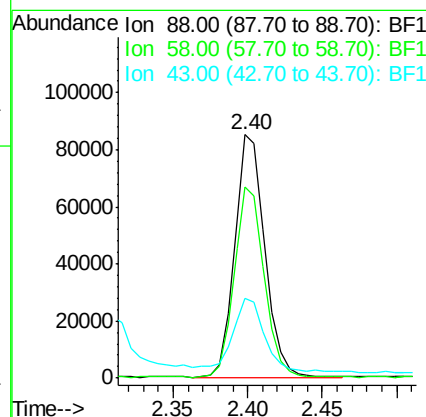
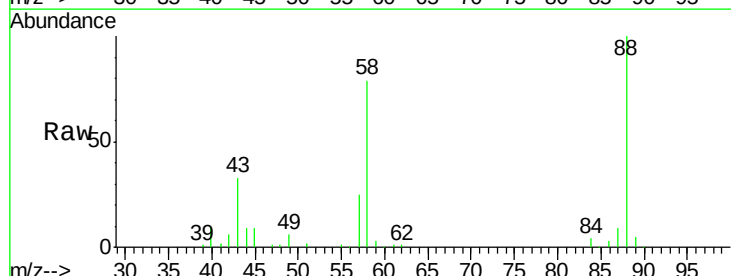
RT: 2.40 min Scan# 53

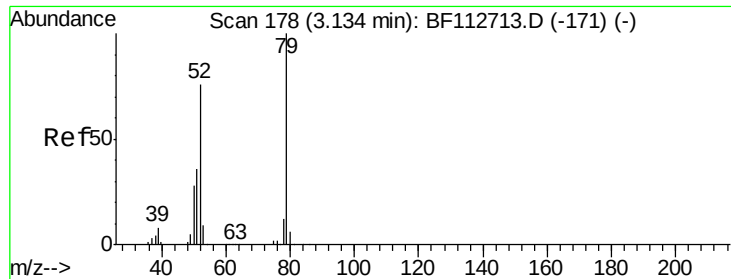
Delta R.T. -0.04 min

Lab File: BF113234.D

Acq: 22 Mar 2019 15:00

Tgt Ion:	88	Resp:	121668
Ion Ratio	Lower	Upper	
88	100		
58	76.5	63.1	94.7
43	33.1	24.3	36.5





#3

Pyridine

Concen: 25.404 ng

RT: 3.12 min Scan# 175

Delta R.T. -0.03 min

Lab File: BF113234.D

Acq: 22 Mar 2019 15:00

Instrument :

BNA_F

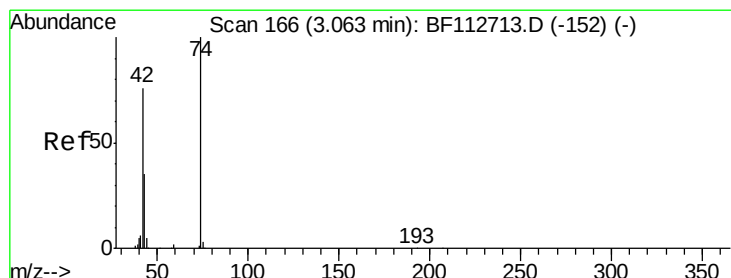
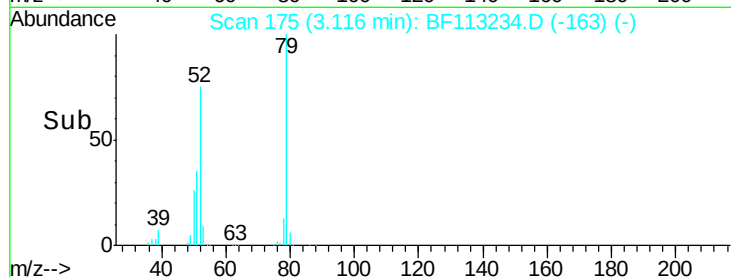
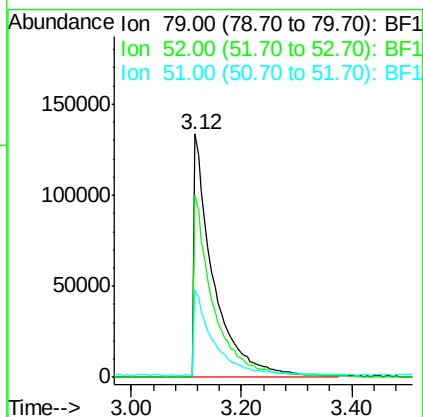
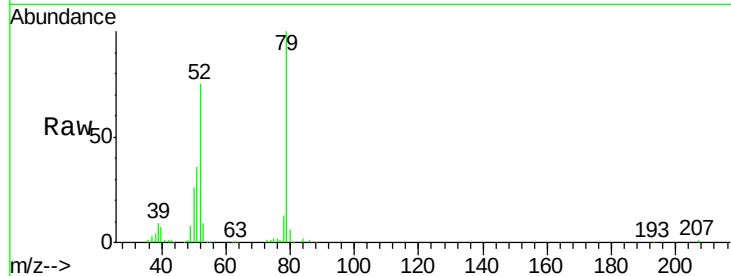
ClientSampleId :

S4B(2-10)MSD

Tgt Ion:	79	Resp:	328658
Ion Ratio	Lower	Upper	
79	100		
52	75.0	60.5	90.7
51	35.9	28.8	43.2

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#4

n-Nitrosodimethylamine

Concen: 28.226 ng

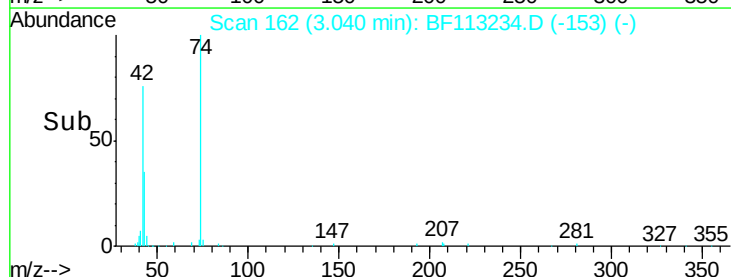
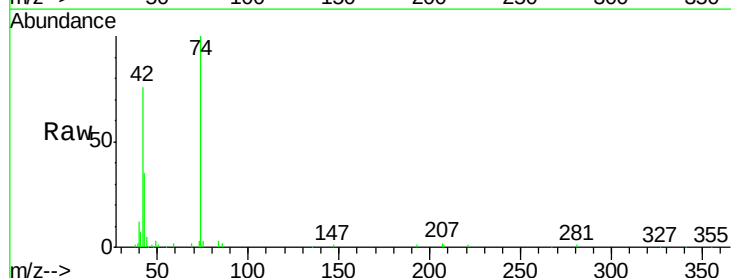
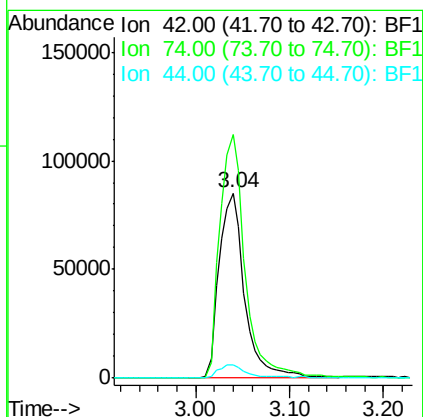
RT: 3.04 min Scan# 162

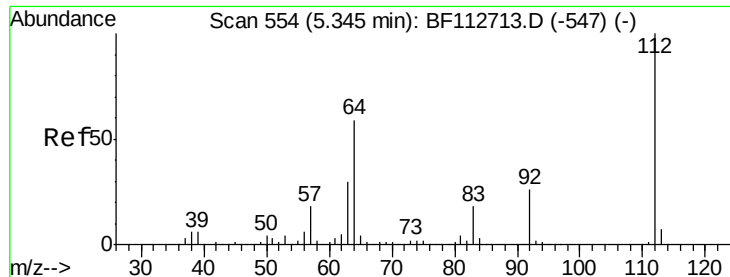
Delta R.T. -0.05 min

Lab File: BF113234.D

Acq: 22 Mar 2019 15:00

Tgt Ion:	42	Resp:	159738
Ion Ratio	Lower	Upper	
42	100		
74	131.4	105.8	158.8
44	7.1	6.2	9.2





#5

2-Fluorophenol

Concen: 95.380 ng

RT: 5.34 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF113234.D

Acq: 22 Mar 2019 15:00

Instrument :

BNA_F

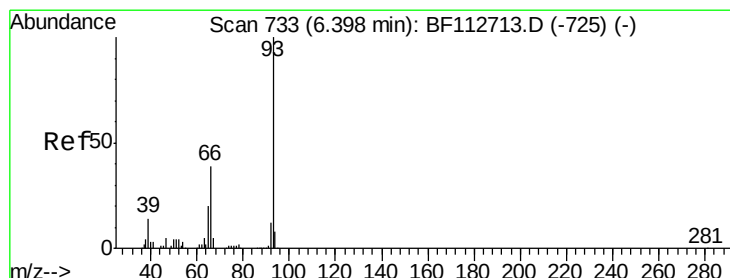
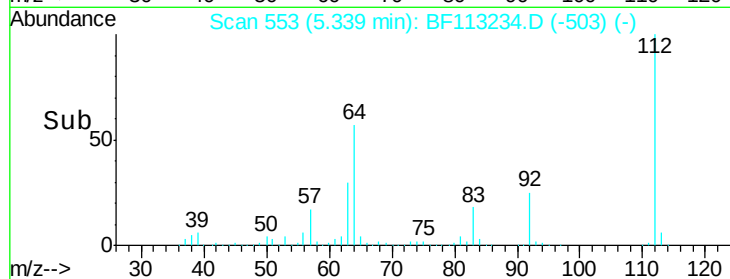
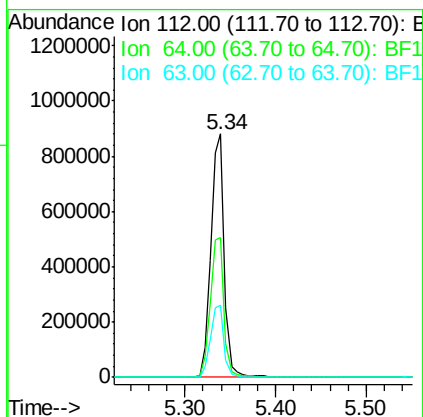
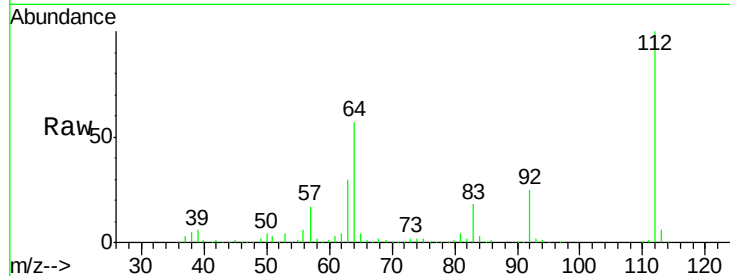
ClientSampleId :

S4B(2-10)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	57.3	47.6	71.4
63	29.8	24.4	36.6

Manual Integrations
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#6

Aniline

Concen: 20.944 ng

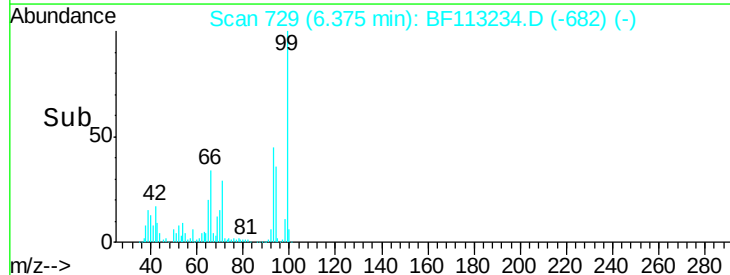
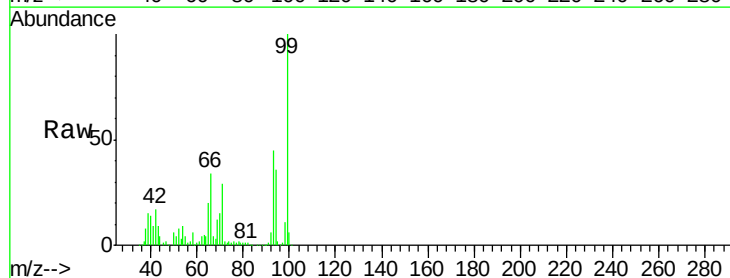
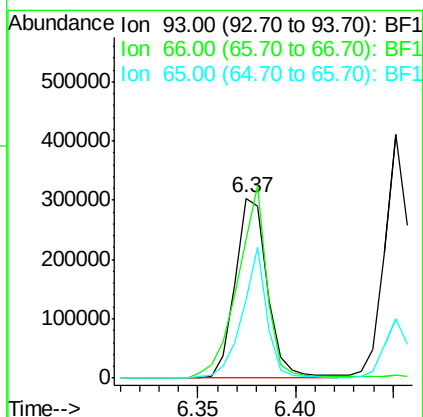
RT: 6.37 min Scan# 729

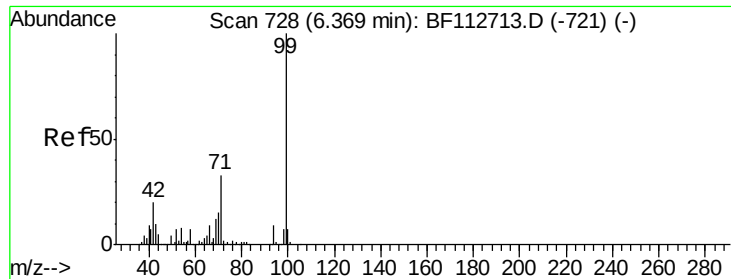
Delta R.T. -0.02 min

Lab File: BF113234.D

Acq: 22 Mar 2019 15:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	77.0	32.2	48.2#
65	43.7	16.2	24.4#





#7

Phenol-d6

Concen: 97.619 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF113234.D

Acq: 22 Mar 2019 15:00

Instrument :

BNA_F

ClientSampled :

S4B(2-10)MSD

Tgt Ion: 99 Resp: 1182961

Ion Ratio Lower Upper

99 100

42 18.9 16.3 24.5

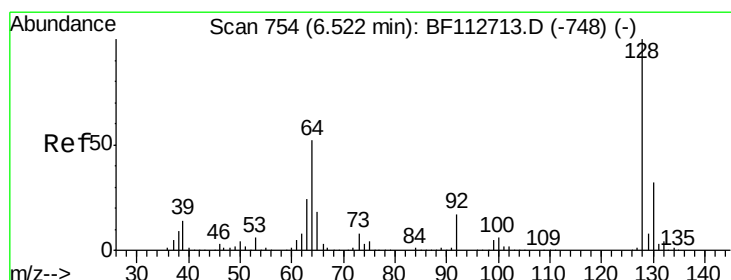
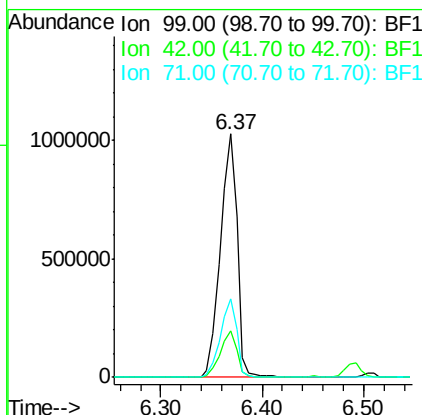
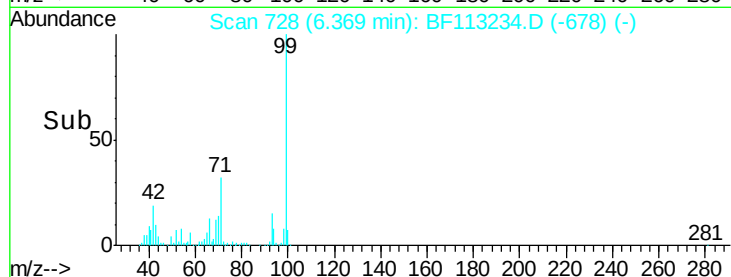
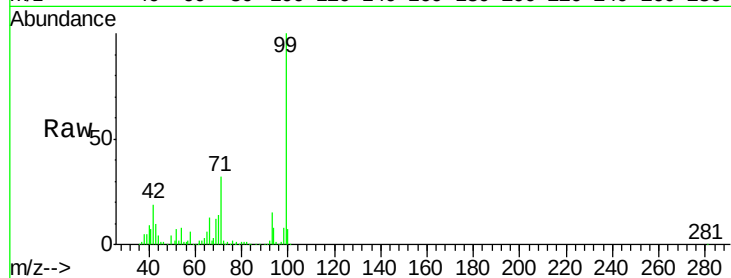
71 32.1 26.2 39.4

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#8

2-Chlorophenol

Concen: 32.938 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.02 min

Lab File: BF113234.D

Acq: 22 Mar 2019 15:00

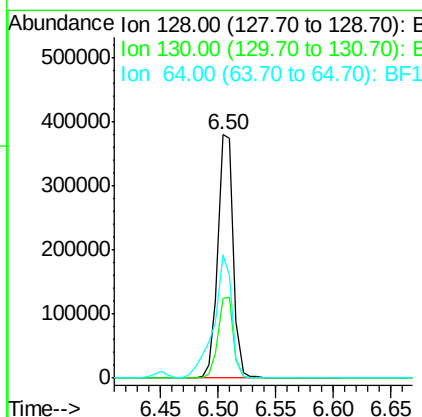
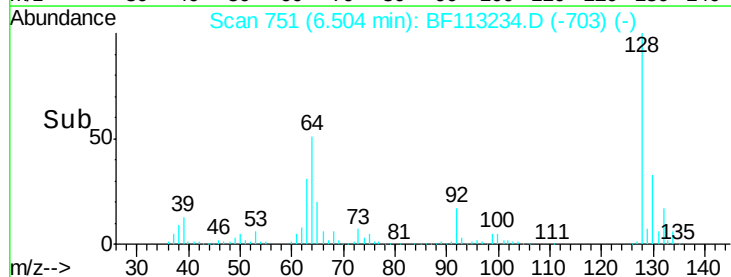
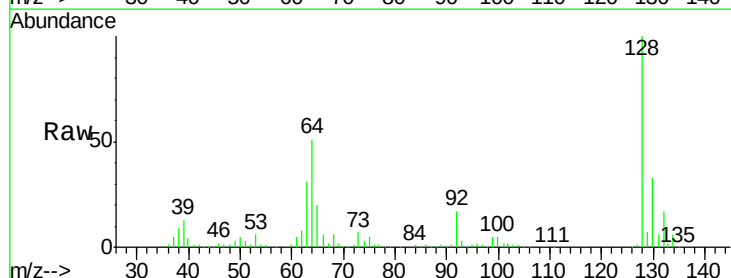
Tgt Ion: 128 Resp: 353706

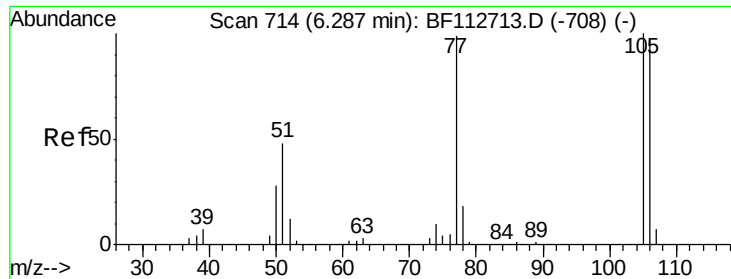
Ion Ratio Lower Upper

128 100

130 32.9 12.4 52.4

64 50.8 32.2 72.2





#9

Benzaldehyde

Concen: 10.919 ng

RT: 6.26 min Scan# 709

Delta R.T. -0.02 min

Lab File: BF113234.D

Acq: 22 Mar 2019 15:00

Instrument :

BNA_F

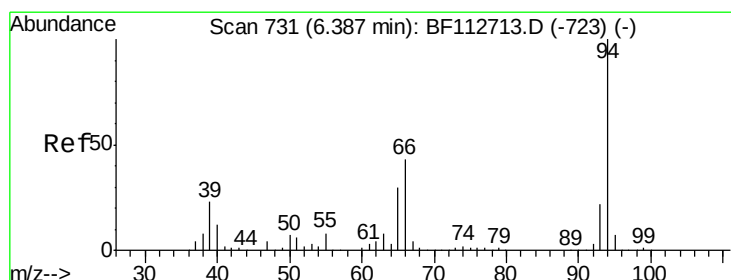
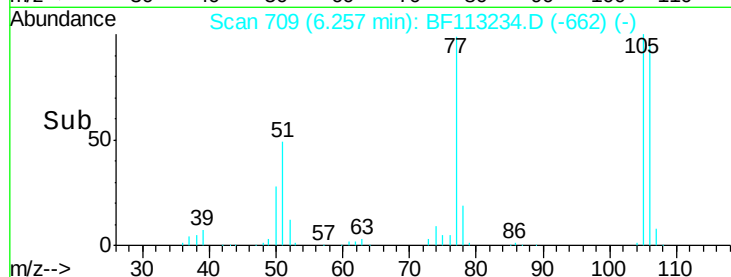
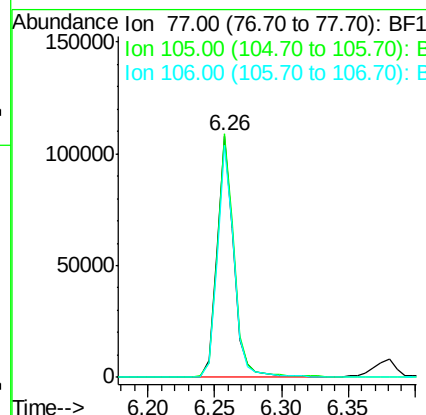
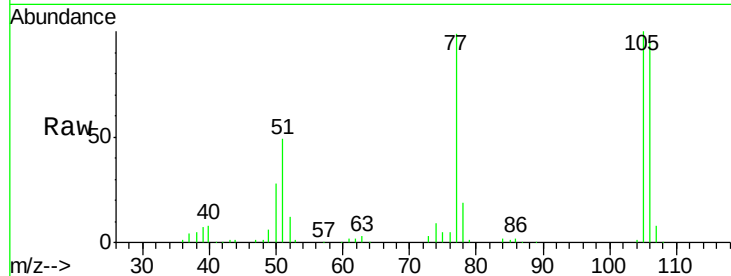
ClientSampleId :

S4B(2-10)MSD

Tgt Ion:	77	Resp:	95339
Ion	Ratio	Lower	Upper
77	100		
105	100.8	81.4	121.4
106	96.0	78.3	118.3

Manual Integrations
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#10

Phenol

Concen: 32.203 ng

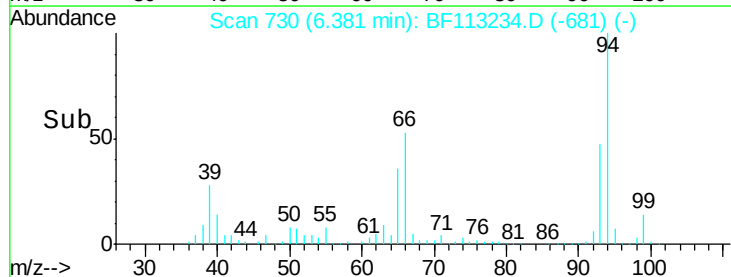
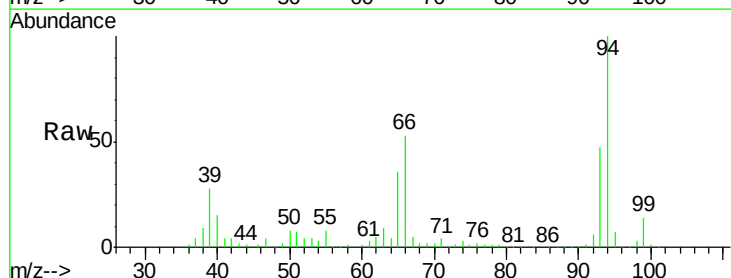
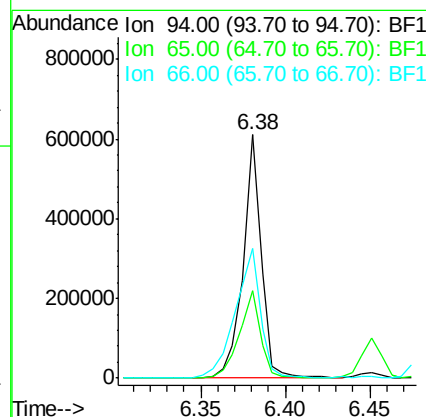
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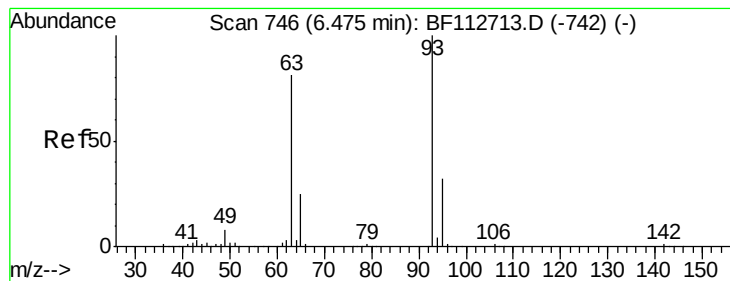
Delta R.T. -0.01 min

Lab File: BF113234.D

Acq: 22 Mar 2019 15:00

Tgt Ion:	94	Resp:	455389
Ion	Ratio	Lower	Upper
94	100		
65	36.2	10.5	50.5
66	53.1	22.6	62.6





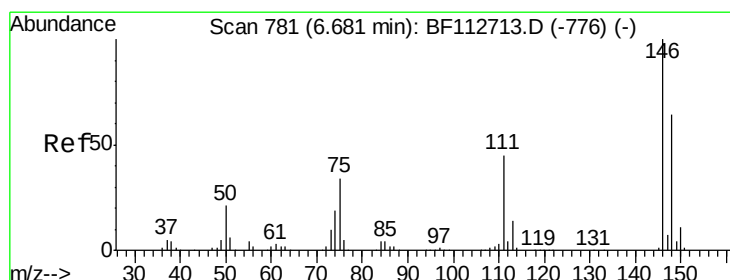
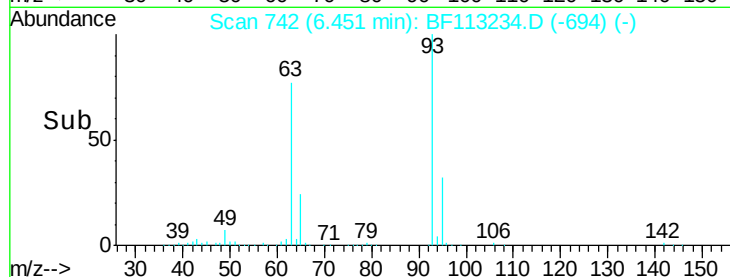
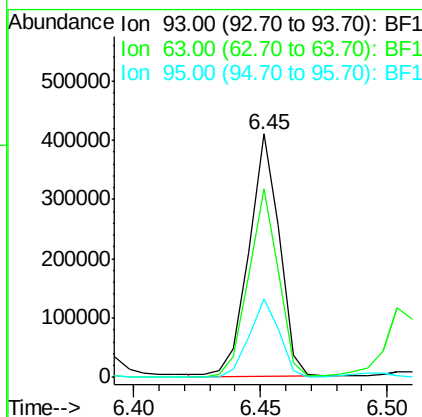
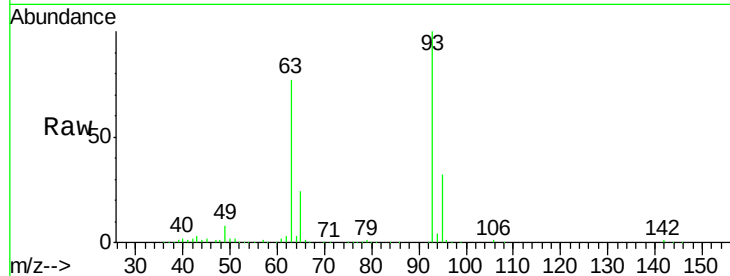
#11
bis(2-Chloroethyl)ether
Concen: 31.486 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.02 min
Lab File: BF113234.D
Acq: 22 Mar 2019 15:00

Instrument :
BNA_F
ClientSampled :
S4B(2-10)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	341746		
63	77.3	60.5	100.5	
95	32.3	12.1	52.1	

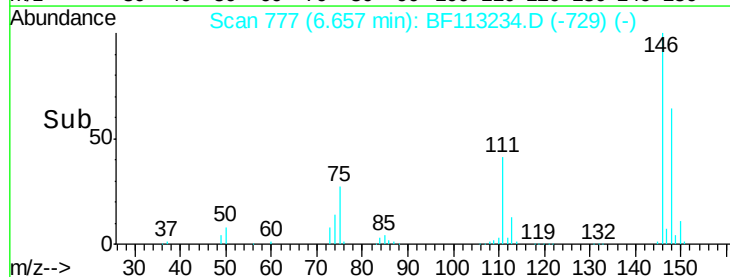
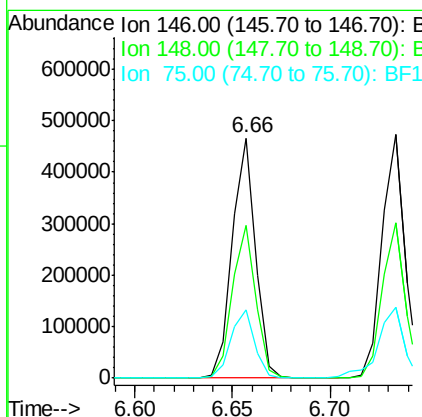
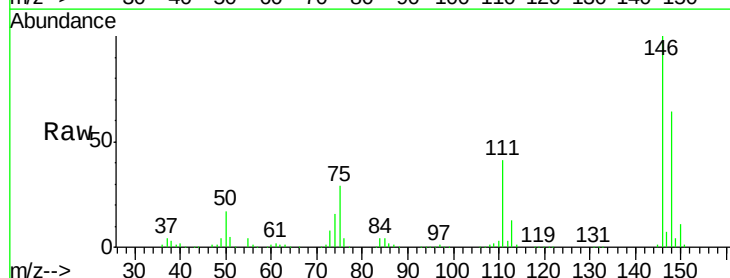
Manual Integrations
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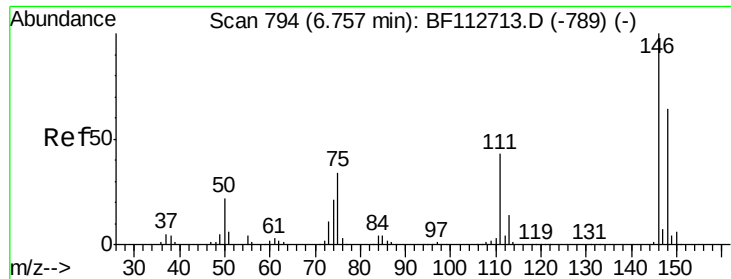
Sohil
3/25/2019 6:32:06 PM



#12
1,3-Dichlorobenzene
Concen: 34.746 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.02 min
Lab File: BF113234.D
Acq: 22 Mar 2019 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	385452		
148	63.8	50.9	76.3	
75	28.5	26.9	40.3	





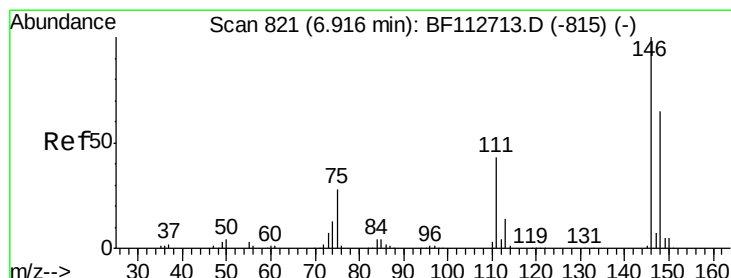
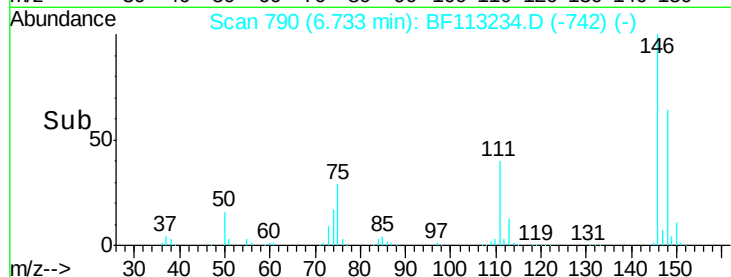
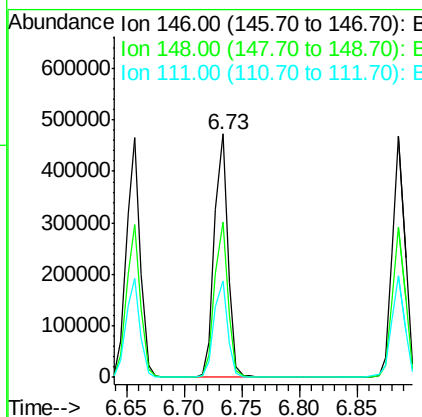
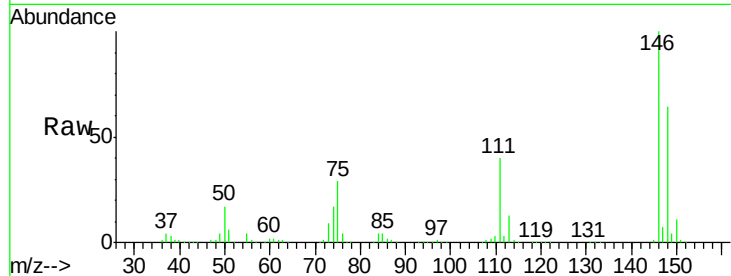
#13
 1,4-Dichlorobenzene
 Concen: 34.684 ng
 RT: 6.73 min Scan# 790
 Delta R.T. -0.02 min
 Lab File: BF113234.D
 Acq: 22 Mar 2019 15:00

Instrument :
 BNA_F
 ClientSampleId :
 S4B(2-10)MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.0	76.4
111	39.7	34.5	51.7

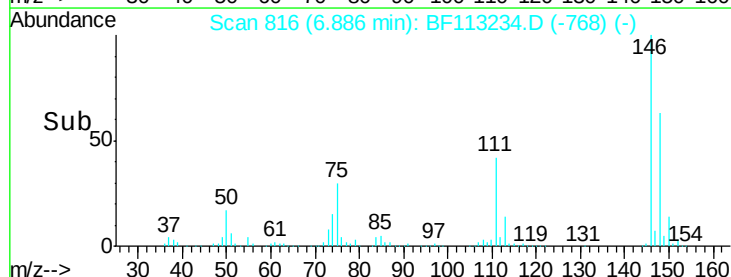
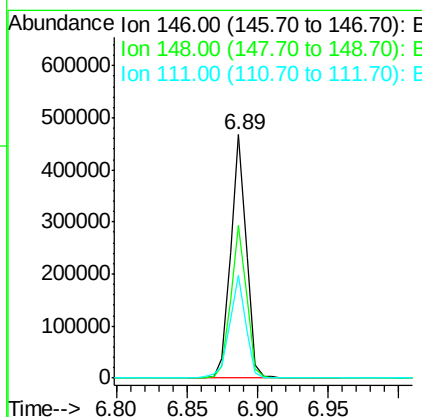
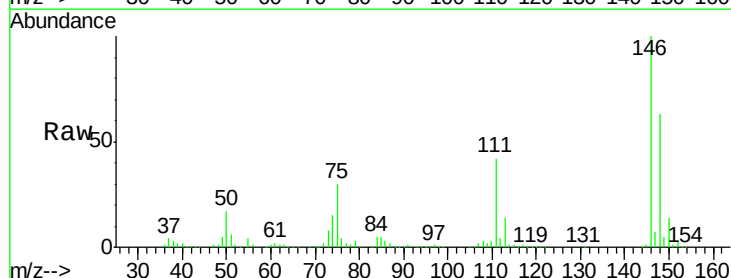
Manual Integrations
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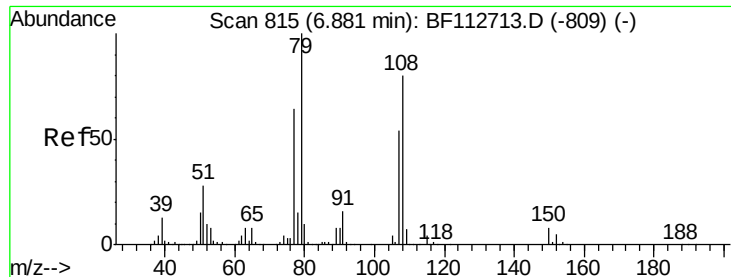
Sohil
 3/25/2019 6:32:06 PM



#14
 1,2-Dichlorobenzene
 Concen: 35.224 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.02 min
 Lab File: BF113234.D
 Acq: 22 Mar 2019 15:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	52.0	78.0
111	42.0	34.8	52.2





#15

Benzyl Alcohol

Concen: 32.026 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.02 min

Lab File: BF113234.D

Acq: 22 Mar 2019 15:00

Instrument :

BNA_F

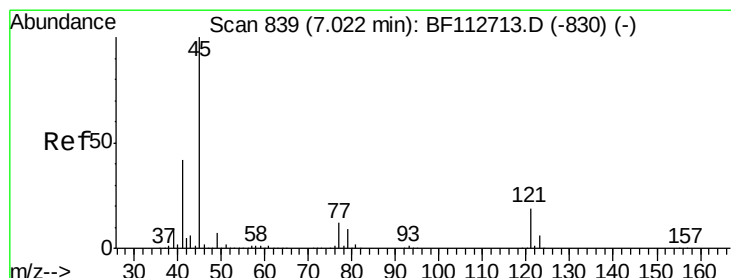
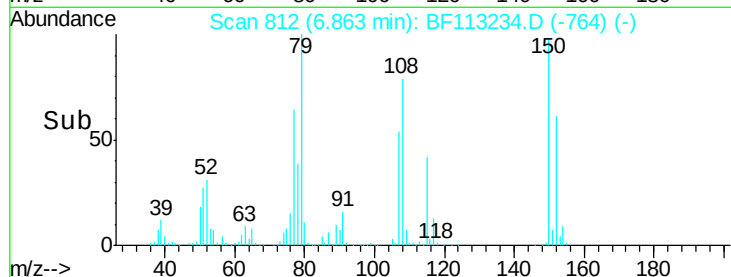
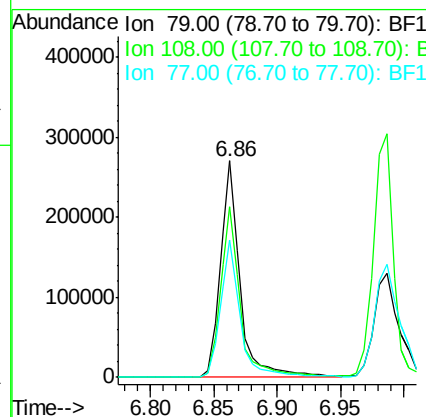
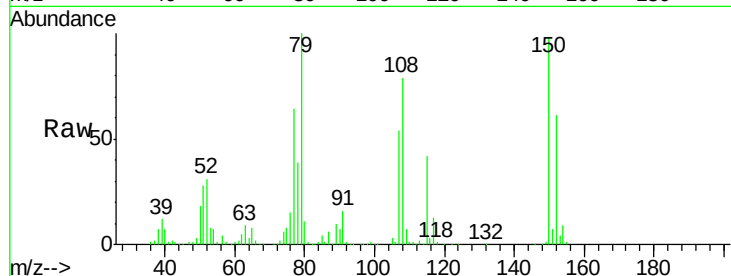
ClientSampleId :

S4B(2-10)MSD

Tgt Ion:	79	Resp:	295935
Ion Ratio	Lower	Upper	
79	100		
108	78.6	64.2	96.4
77	63.6	51.1	76.7

Manual Integrations
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3/25/2019 6:32:06 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 29.880 ng

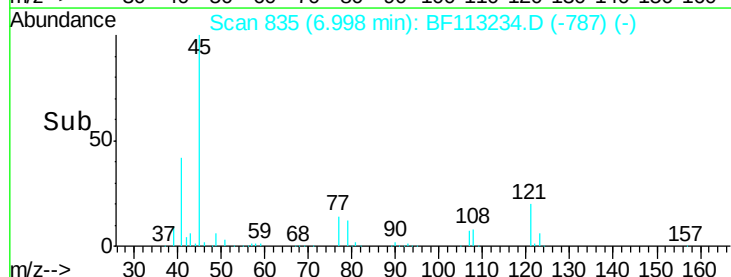
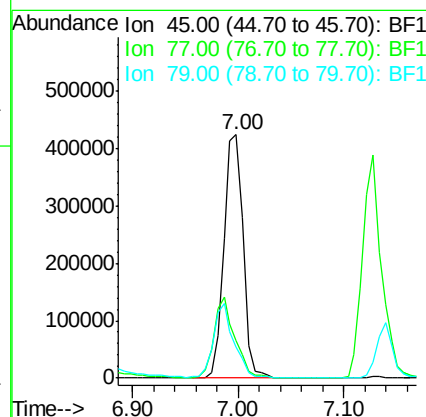
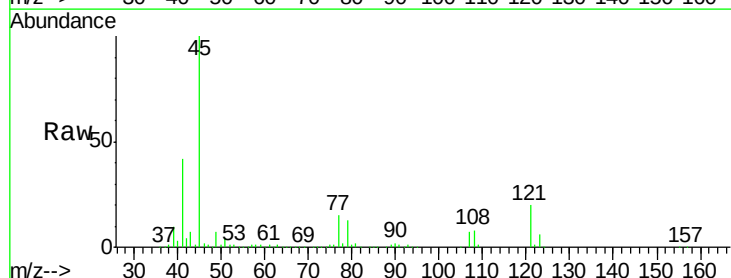
RT: 7.00 min Scan# 835

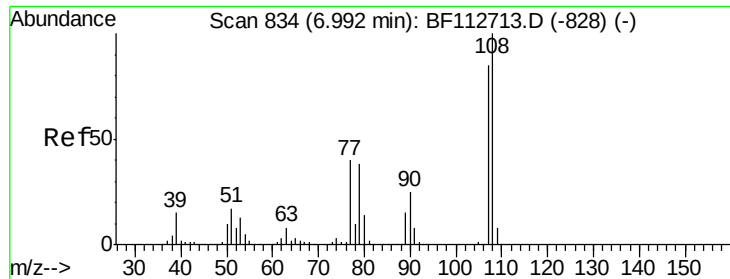
Delta R.T. -0.02 min

Lab File: BF113234.D

Acq: 22 Mar 2019 15:00

Tgt Ion:	45	Resp:	541238
Ion Ratio	Lower	Upper	
45	100		
77	15.4	0.0	32.1
79	12.6	0.0	29.4





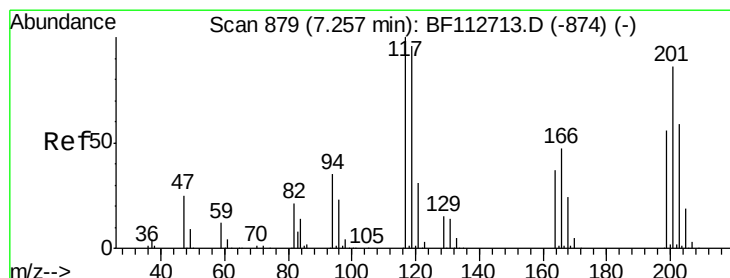
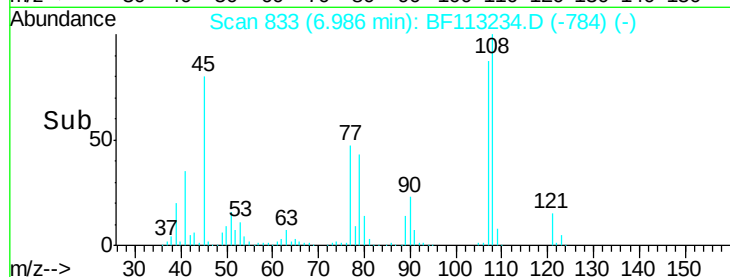
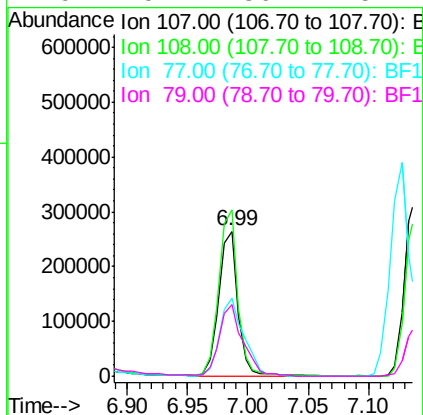
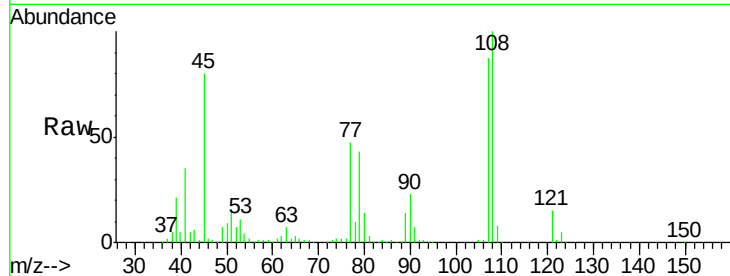
#17
2-Methylphenol
Concen: 32.987 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF113234.D
Acq: 22 Mar 2019 15:00

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MSD

Tgt Ion:	107	Resp:	287378
Ion Ratio	Lower	Upper	
107	100		
108	115.1	94.6	142.0
77	53.8	37.8	56.8
79	49.4	36.2	54.2

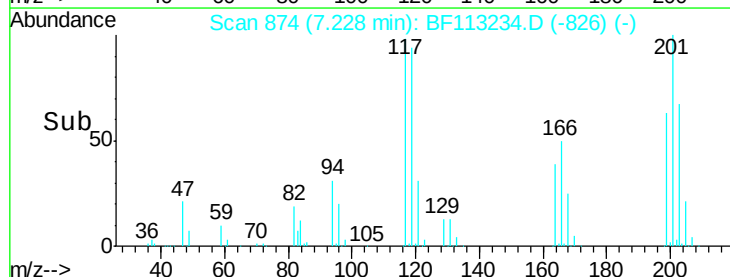
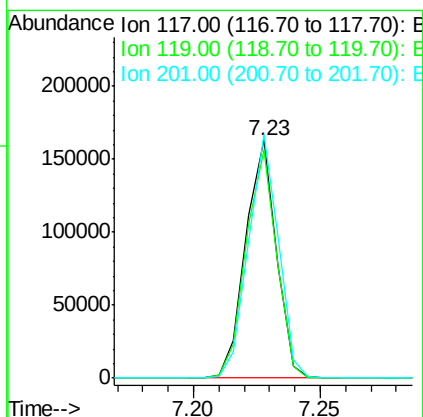
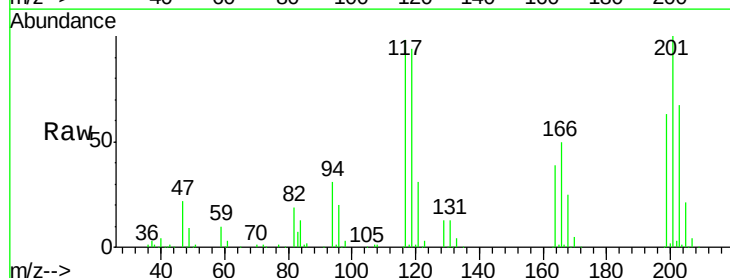
Manual Integrations
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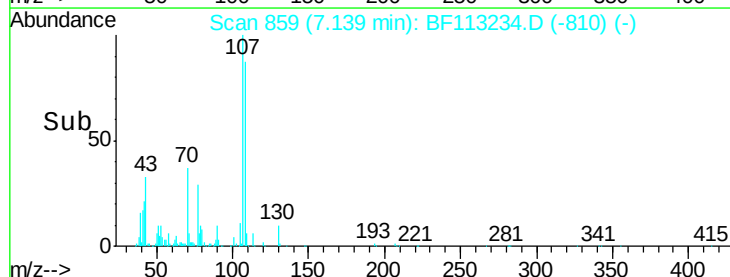
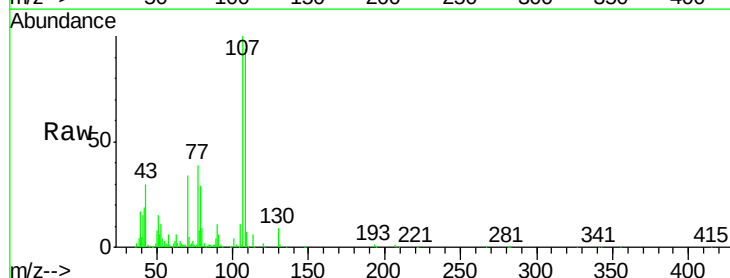
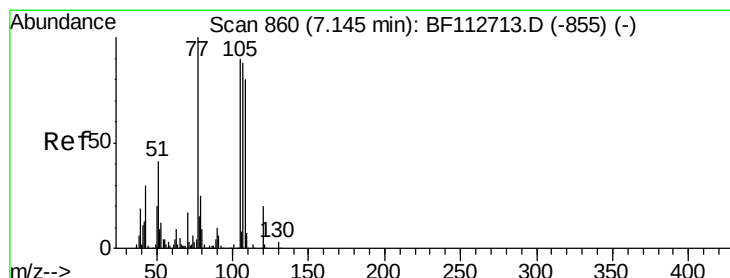
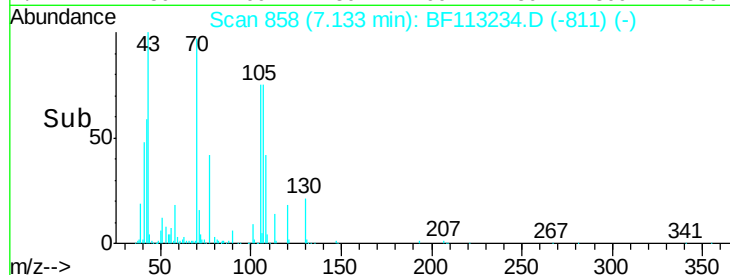
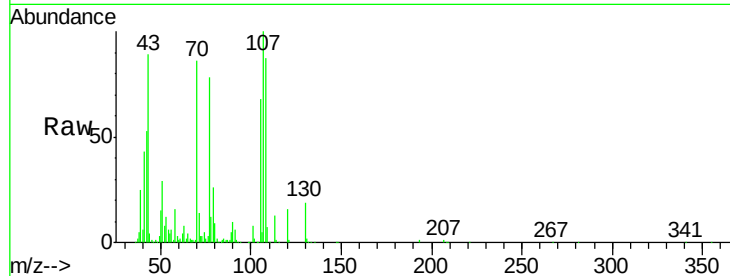
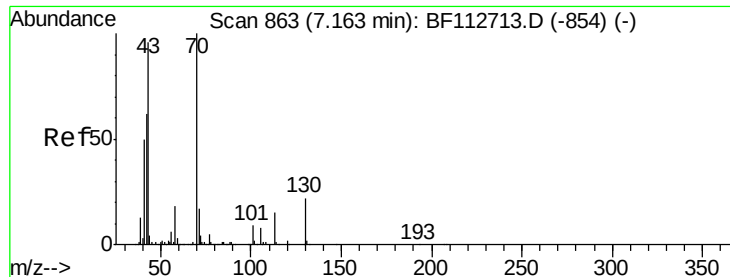
Sohil
3/25/2019 6:32:06 PM



#18
Hexachloroethane
Concen: 32.199 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.02 min
Lab File: BF113234.D
Acq: 22 Mar 2019 15:00

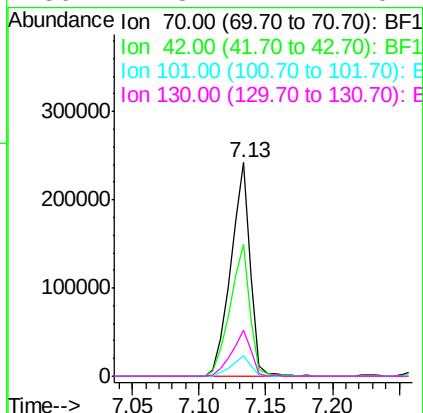
Tgt Ion:	117	Resp:	137217
Ion Ratio	Lower	Upper	
117	100		
119	95.8	76.6	115.0
201	102.1	68.9	103.3





#19
n-Nitroso-di-n-propylamine
Concen: 32.403 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.02 min
Lab File: BF113234.D
Acq: 22 Mar 2019 15:00

Tgt Ion	Ratio	Lower	Upper
70	100		
42	61.9	49.9	74.9
101	9.6	7.4	11.2
130	21.8	17.4	26.2



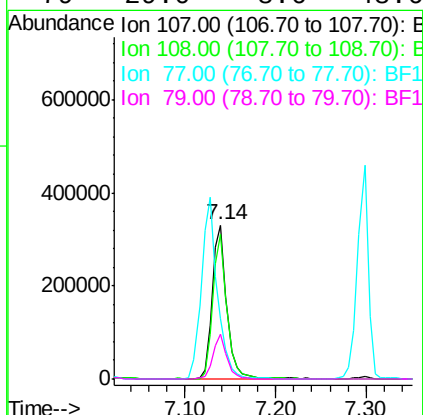
Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MSD

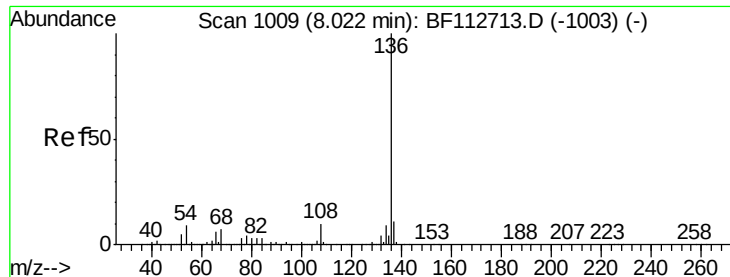
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3/25/2019 6:32:06 PM

#20
3+4-Methylphenols
Concen: 37.402 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF113234.D
Acq: 22 Mar 2019 15:00

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.5	71.4	111.4
77	38.9	94.1	134.1#
79	29.0	8.6	48.6





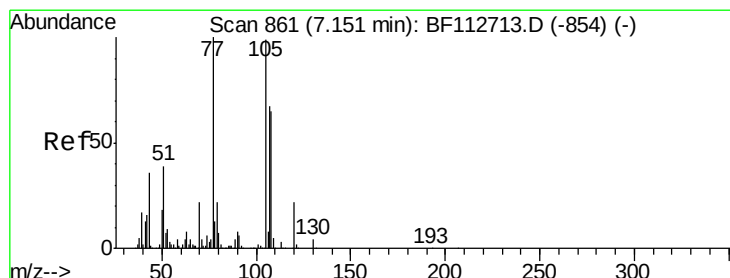
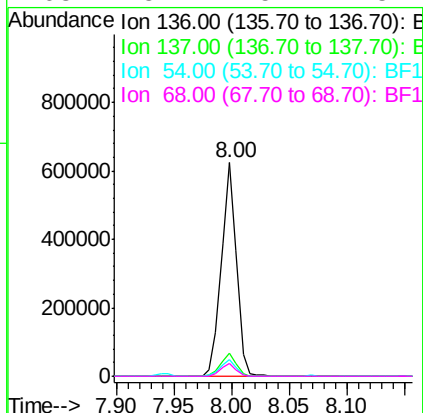
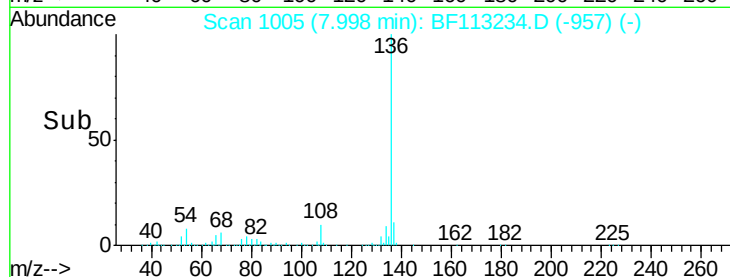
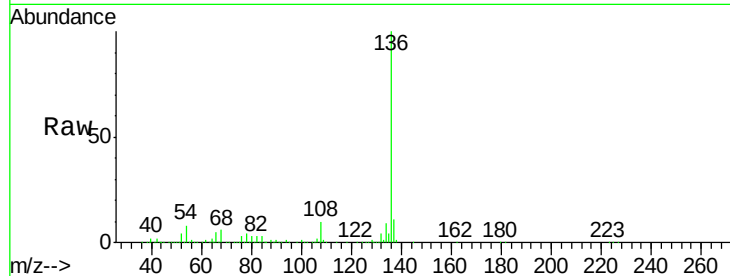
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BF113234.D
Acq: 22 Mar 2019 15:00

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	570108		
137	11.0	8.9	13.3	
54	8.1	7.3	10.9	
68	5.7	5.4	8.2	

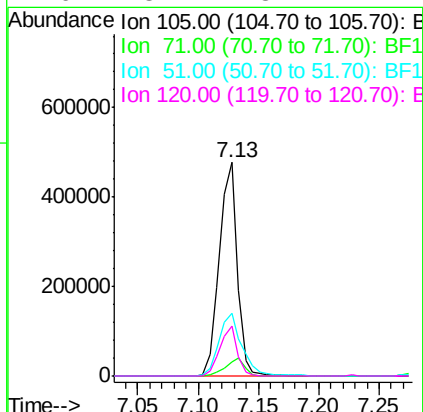
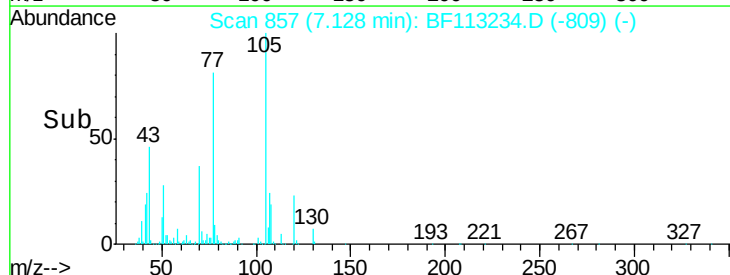
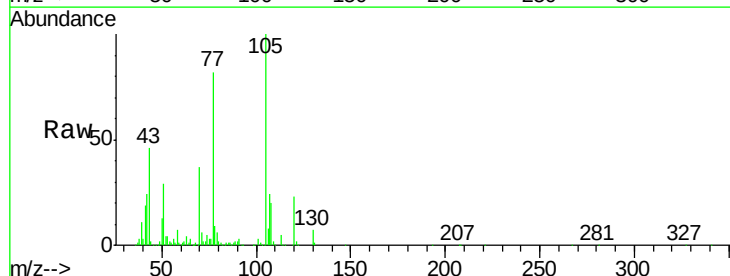
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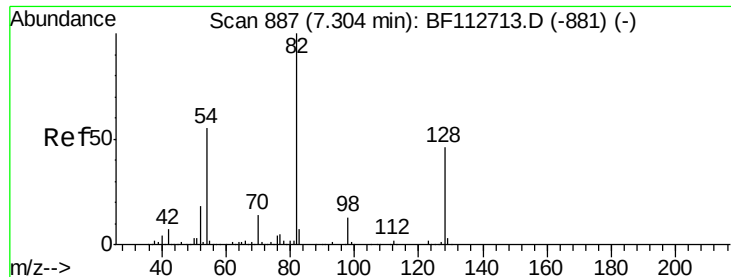
Sohil
3/25/2019 6:32:06 PM



#22
Acetophenone
Concen: 36.906 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.02 min
Lab File: BF113234.D
Acq: 22 Mar 2019 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	491979		
71	6.3	3.0	4.4#	
51	29.2	31.5	47.3#	
120	23.4	18.1	27.1	





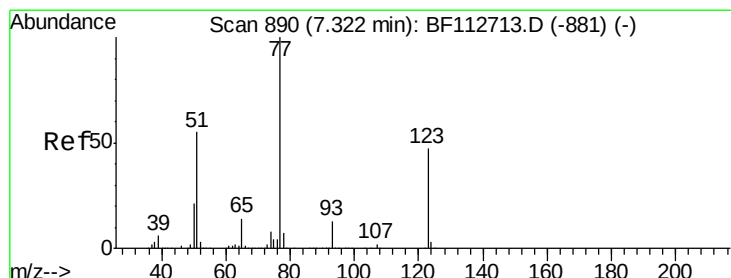
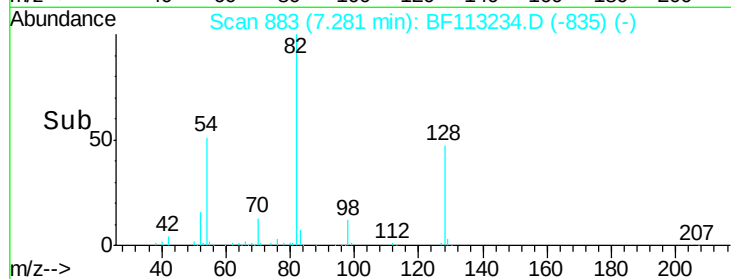
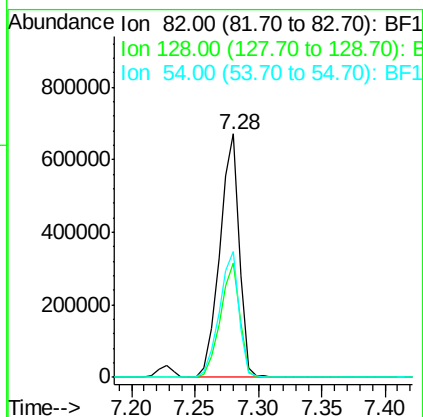
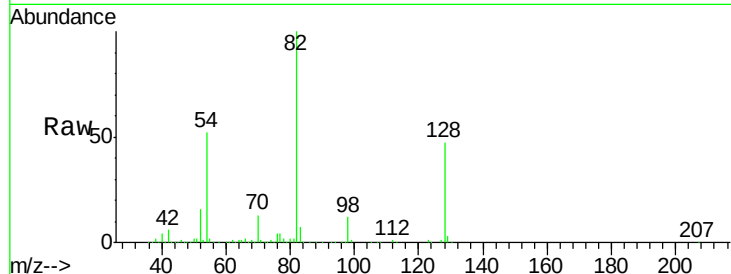
#23
 Nitrobenzene-d5
 Concen: 75.953 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.02 min
 Lab File: BF113234.D
 Acq: 22 Mar 2019 15:00

Instrument :
 BNA_F
 ClientSampleId :
 S4B(2-10)MSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.1	36.3	54.5
54	51.6	43.7	65.5

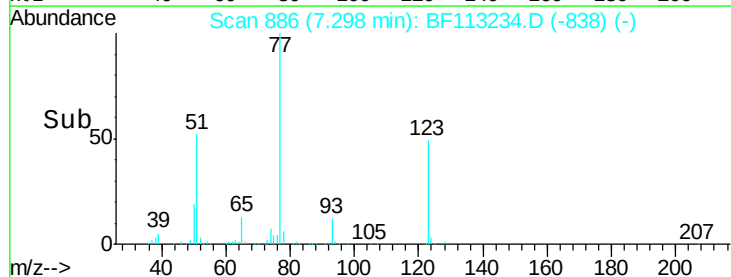
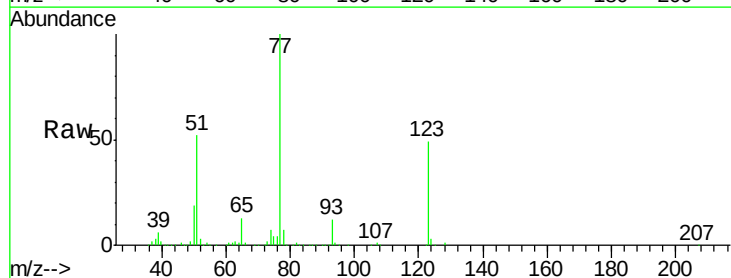
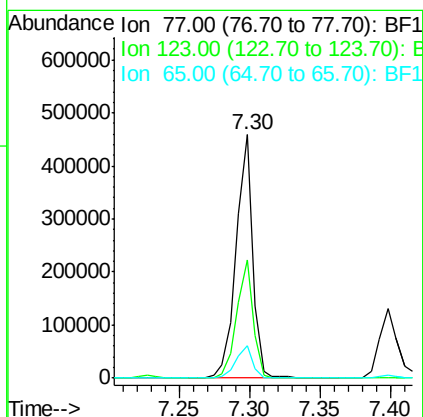
Manual Integrations
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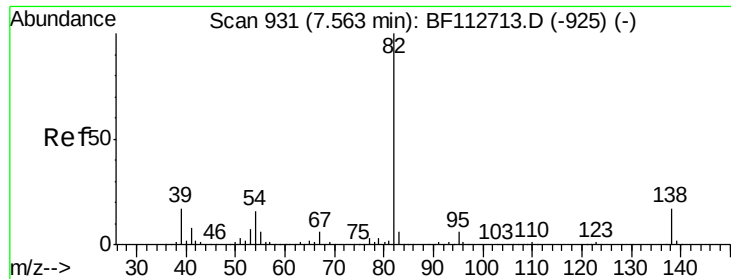
Sohil
 3/25/2019 6:32:06 PM



#24
 Nitrobenzene
 Concen: 35.199 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.02 min
 Lab File: BF113234.D
 Acq: 22 Mar 2019 15:00

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.8	37.8	56.6
65	13.3	11.1	16.7





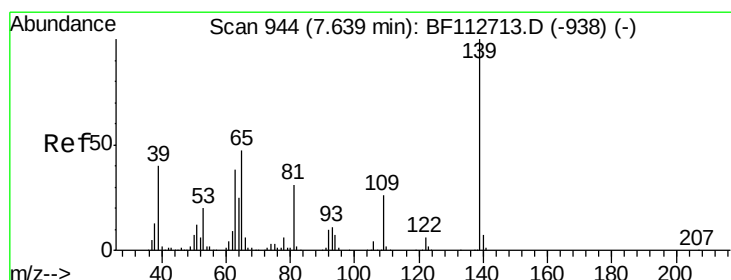
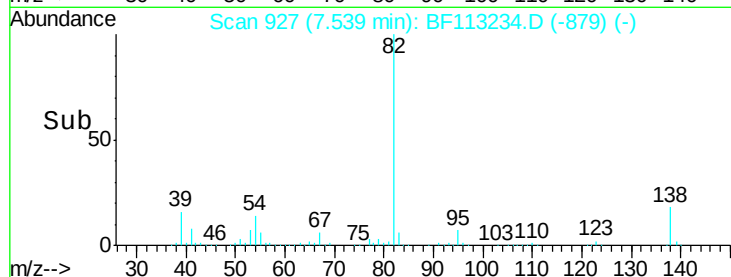
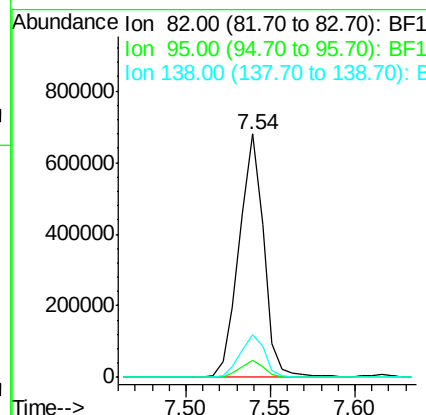
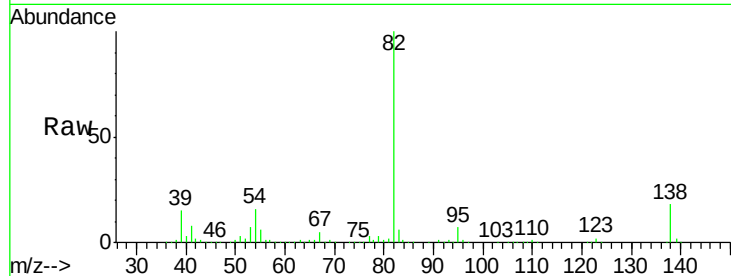
#25
Isophorone
Concen: 33.628 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.02 min
Lab File: BF113234.D
Acq: 22 Mar 2019 15:00

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	690231		
95	7.0	5.2	7.8	
138	17.5	13.8	20.8	

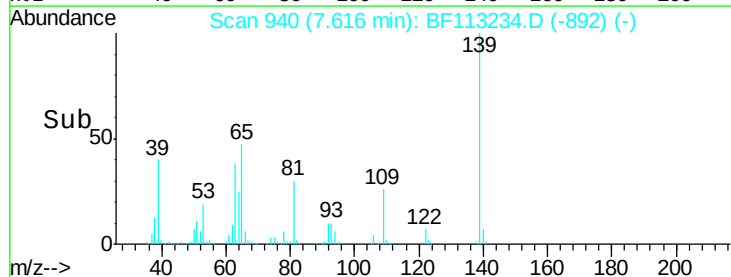
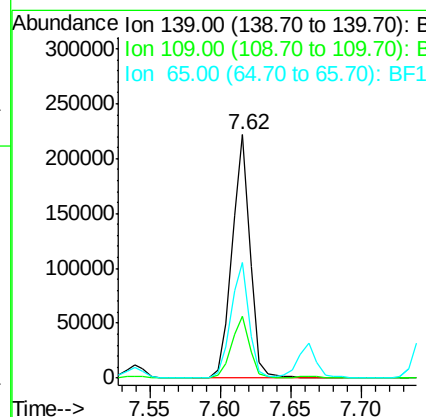
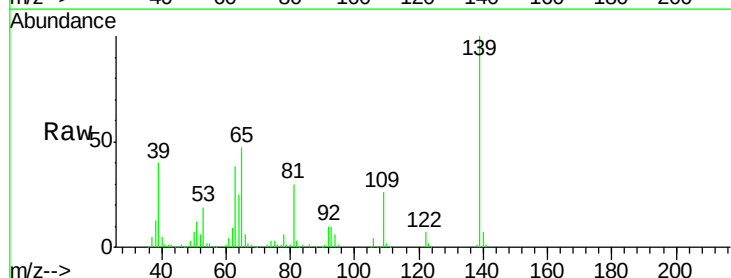
Manual Integrations
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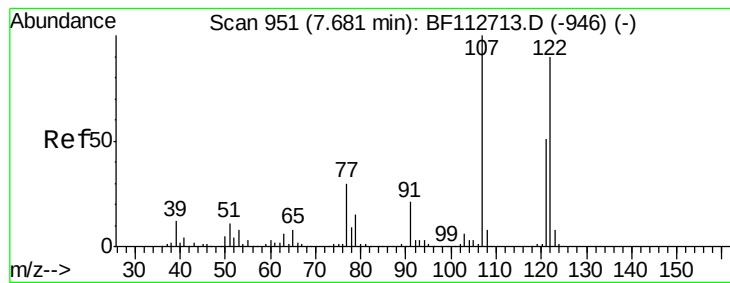
Sohil
3/25/2019 6:32:06 PM



#26
2-Nitrophenol
Concen: 44.664 ng
RT: 7.62 min Scan# 940
Delta R.T. -0.02 min
Lab File: BF113234.D
Acq: 22 Mar 2019 15:00

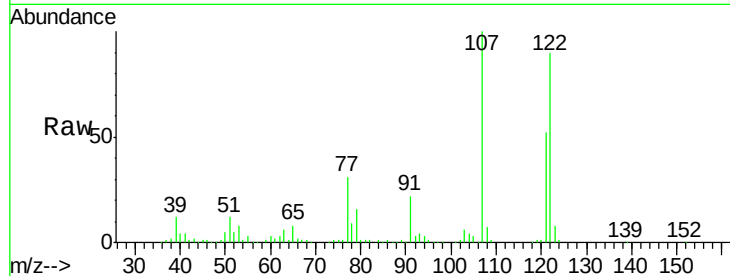
Tgt Ion	Ratio	Resp	Lower	Upper
139	100	197161		
109	25.6	20.6	31.0	
65	47.4	37.9	56.9	





#27
 2,4-Dimethylphenol
 Concen: 38.549 ng
 RT: 7.66 min Scan# 948
 Delta R.T. -0.01 min
 Lab File: BF113234.D
 Acq: 22 Mar 2019 15:00

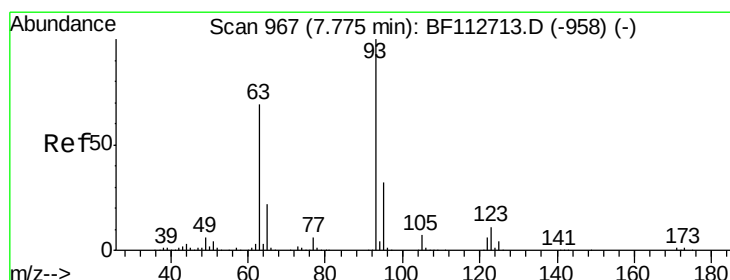
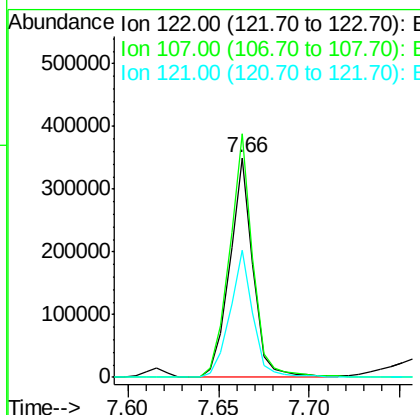
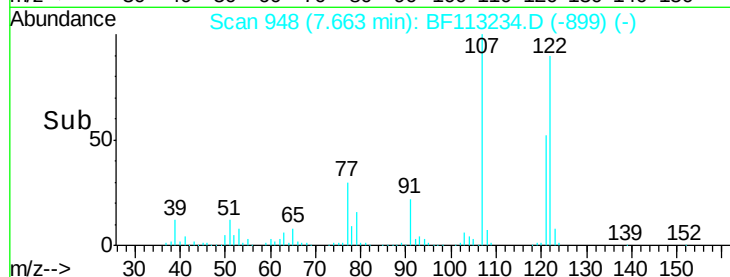
Instrument :
 BNA_F
 ClientSampled :
 S4B(2-10)MSD



Tgt Ion: 122 Resp: 316579
 Ion Ratio Lower Upper
 122 100
 107 110.7 89.4 134.0
 121 57.9 45.5 68.3

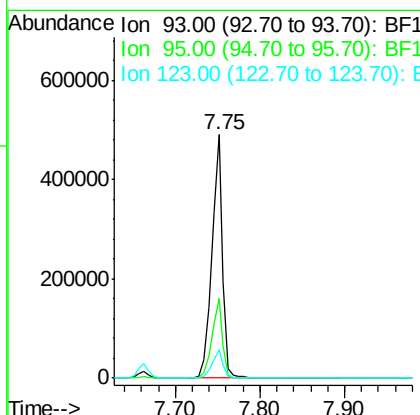
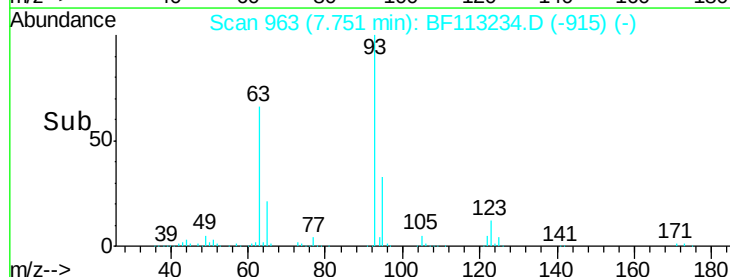
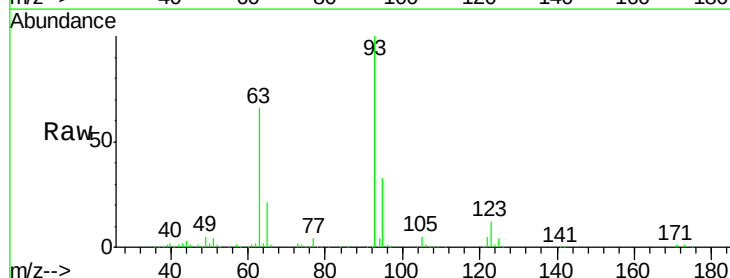
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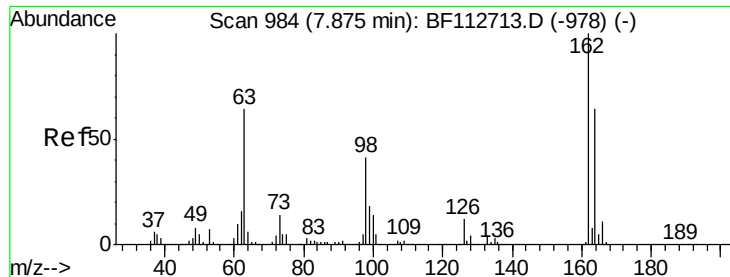
Sohil
 3/25/2019 6:32:06 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 34.301 ng
 RT: 7.75 min Scan# 963
 Delta R.T. -0.02 min
 Lab File: BF113234.D
 Acq: 22 Mar 2019 15:00

Tgt Ion: 93 Resp: 440183
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.0 39.0
 123 11.6 9.3 13.9





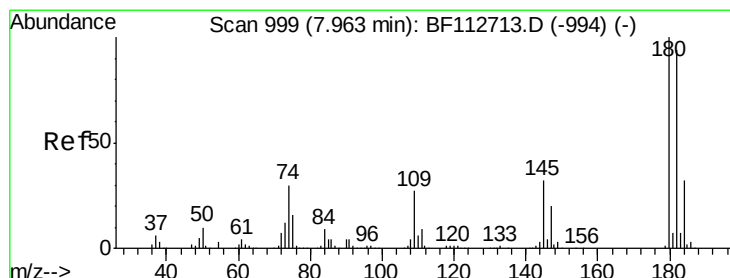
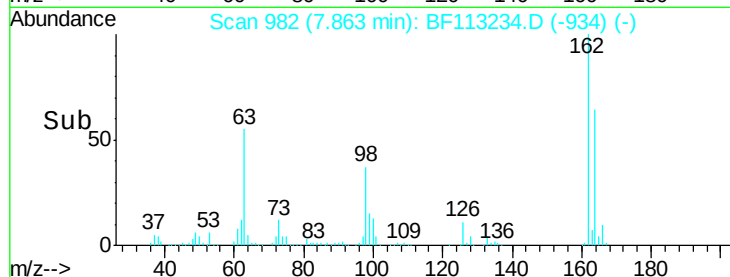
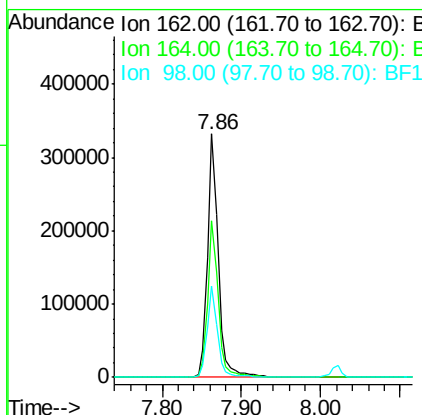
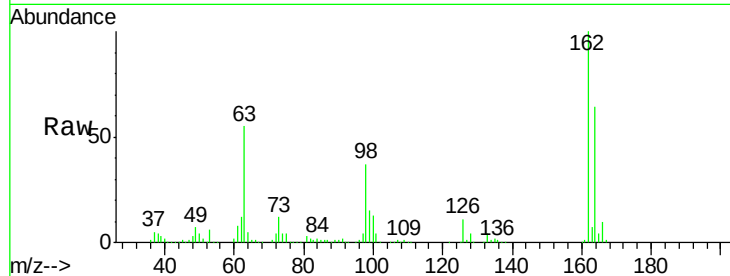
#29
2,4-Dichlorophenol
Concen: 39.869 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.02 min
Lab File: BF113234.D
Acq: 22 Mar 2019 15:00

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	317513		
164	64.3	44.0	84.0	
98	37.5	20.7	60.7	

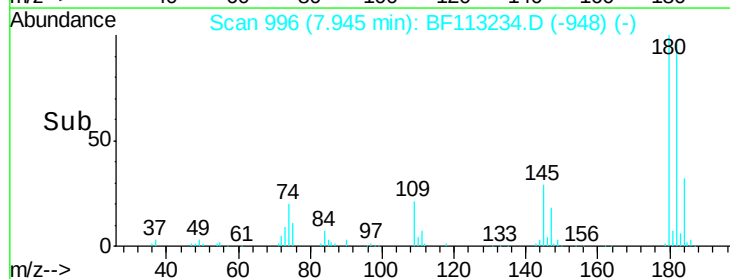
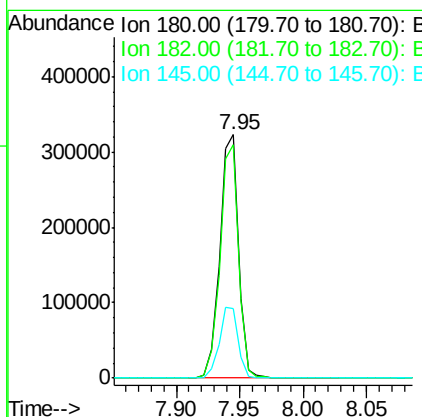
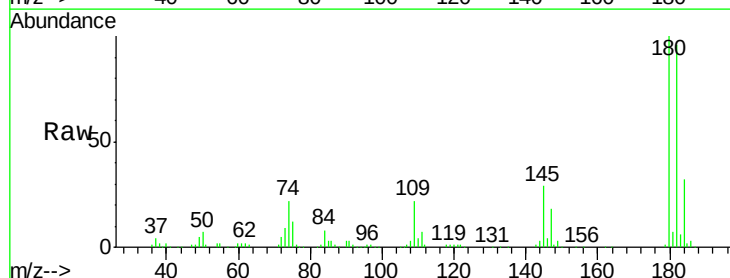
Manual Integrations
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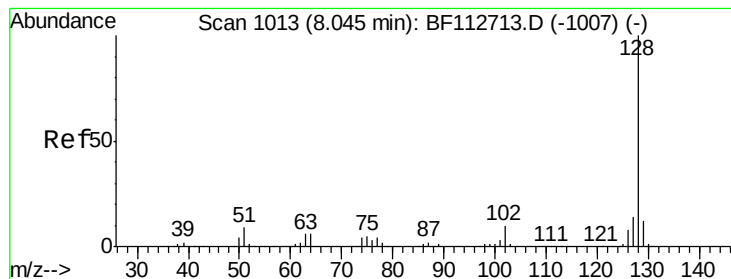
Sohil
3/25/2019 6:32:06 PM



#30
1,2,4-Trichlorobenzene
Concen: 38.935 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.02 min
Lab File: BF113234.D
Acq: 22 Mar 2019 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	333175		
182	95.9	75.2	112.8	
145	28.5	25.4	38.0	





#31

Naphthalene

Concen: 37.081 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.02 min

Lab File: BF113234.D

Acq: 22 Mar 2019 15:00

Instrument :

BNA_F

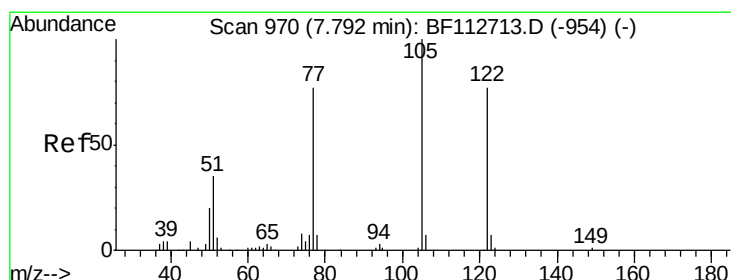
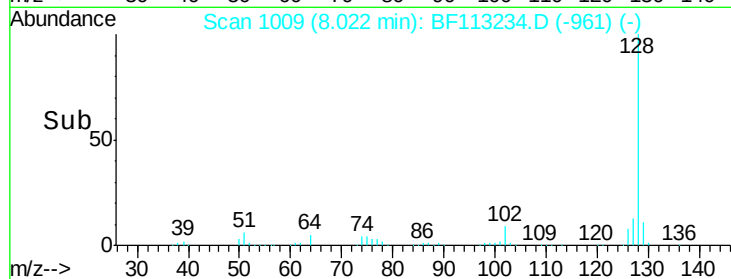
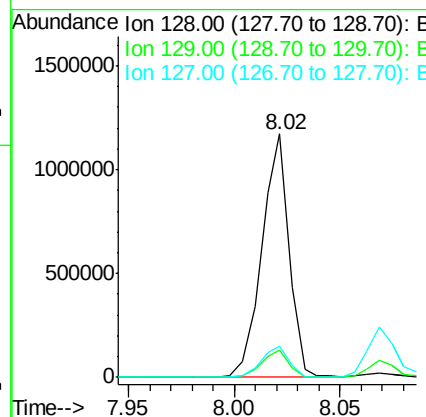
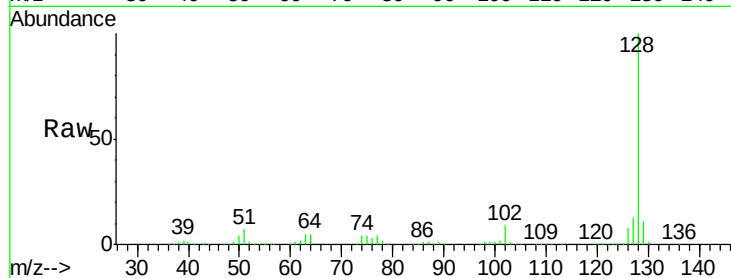
ClientSampleId :

S4B(2-10)MSD

Tgt Ion:128 Resp: 1049575
 Ion Ratio Lower Upper
 128 100
 129 11.0 9.3 13.9
 127 13.0 10.9 16.3

Manual Integrations
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#32

Benzoic acid

Concen: 8.751 ng

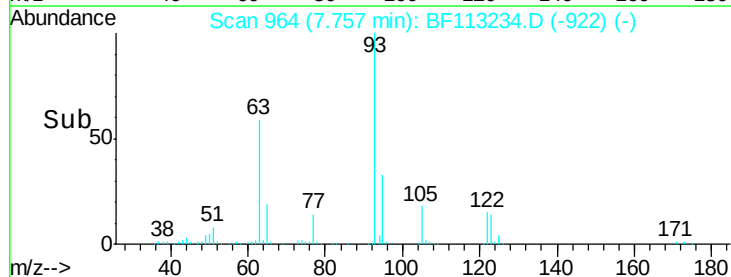
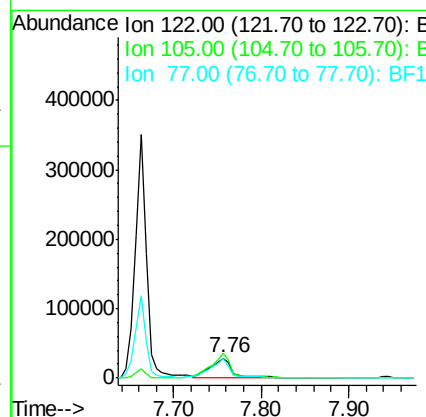
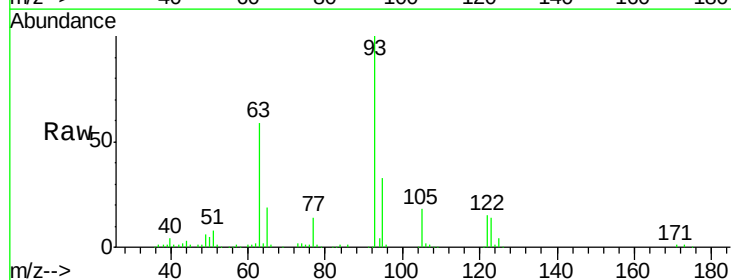
RT: 7.76 min Scan# 964

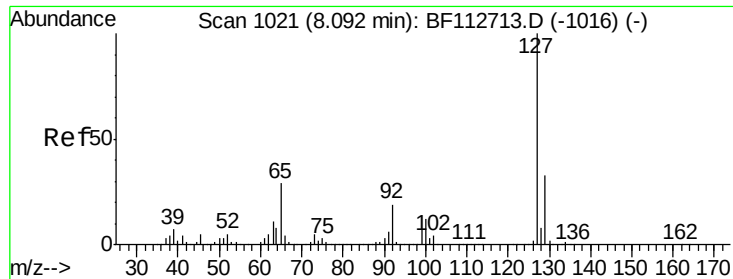
Delta R.T. -0.05 min

Lab File: BF113234.D

Acq: 22 Mar 2019 15:00

Tgt Ion:122 Resp: 50368
 Ion Ratio Lower Upper
 122 100
 105 121.3 106.8 146.8
 77 95.3 79.4 119.4





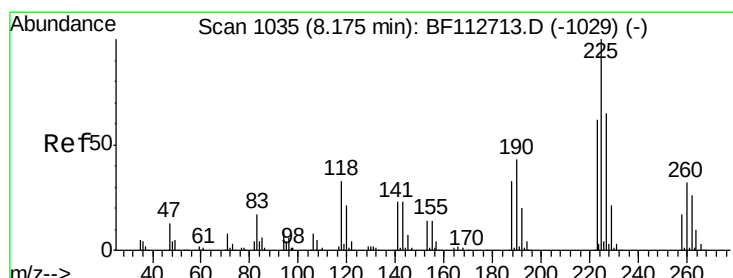
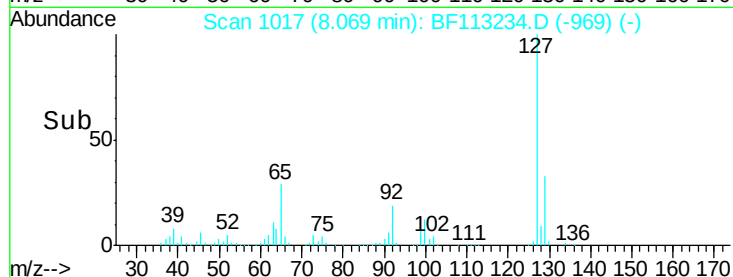
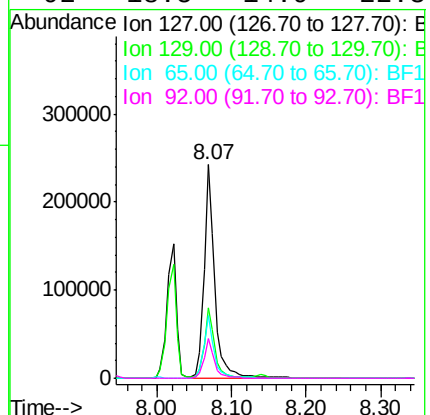
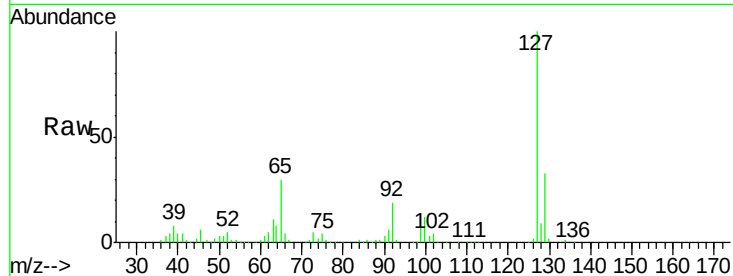
#33
4-Chloroaniline
Concen: 20.572 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.02 min
Lab File: BF113234.D
Acq: 22 Mar 2019 15:00

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	246622		
129	33.0	26.4	39.6	
65	29.6	23.1	34.7	
92	18.5	14.9	22.3	

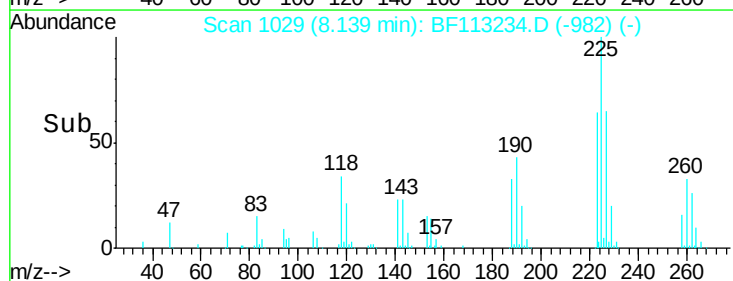
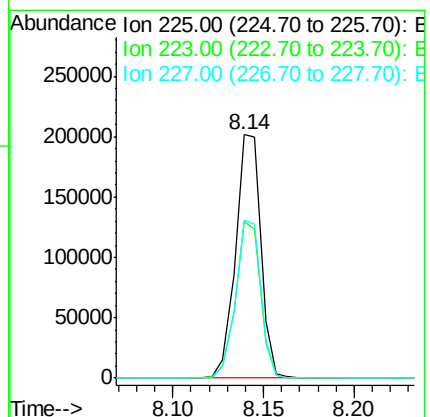
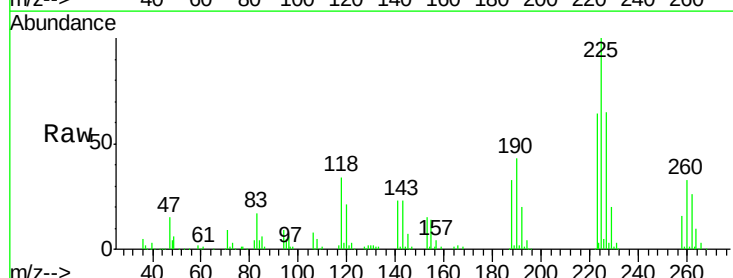
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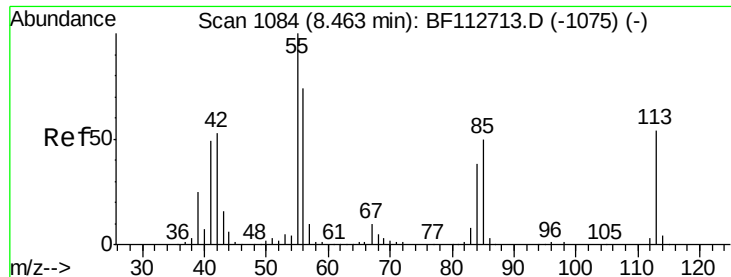
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#34
Hexachlorobutadiene
Concen: 40.790 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.02 min
Lab File: BF113234.D
Acq: 22 Mar 2019 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	196850		
223	64.2	49.7	74.5	
227	64.6	52.1	78.1	





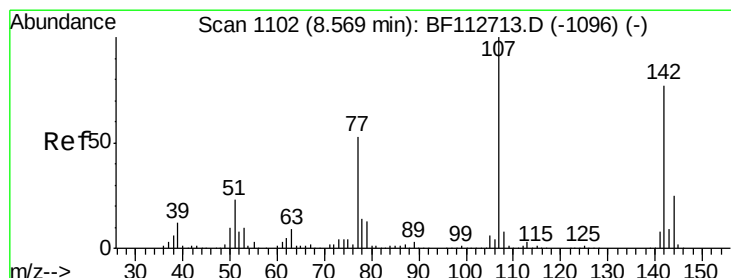
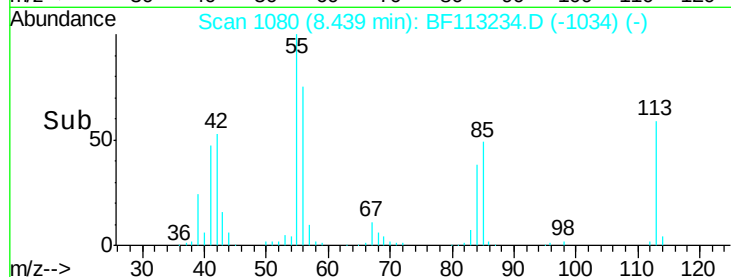
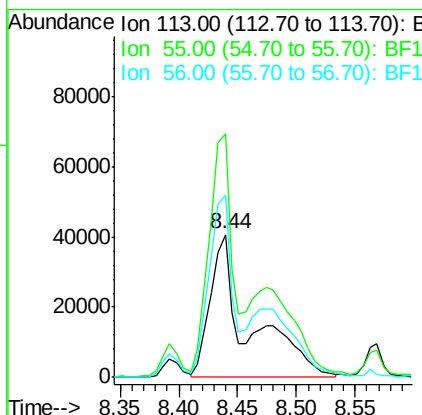
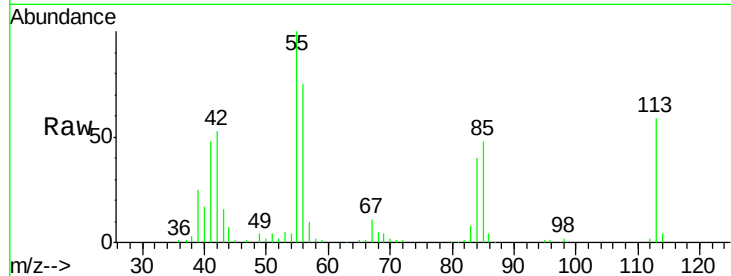
#35
 Caprolactam
 Concen: 33.023 ng m
 RT: 8.44 min Scan# 1080
 Delta R.T. -0.03 min
 Lab File: BF113234.D
 Acq: 22 Mar 2019 15:00

Instrument :
 BNA_F
 ClientSampleId :
 S4B(2-10)MSD

Tgt Ion:113 Resp: 92626
 Ion Ratio Lower Upper
 113 100
 55 170.1 163.5 203.5
 56 127.0 115.3 155.3

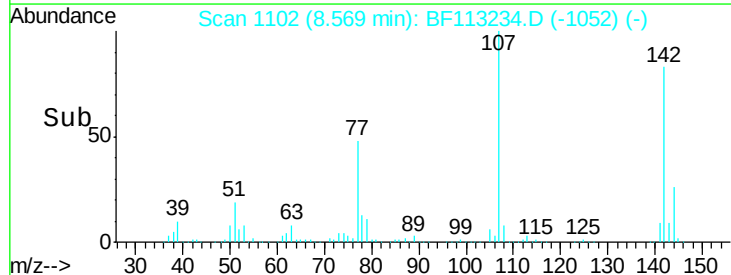
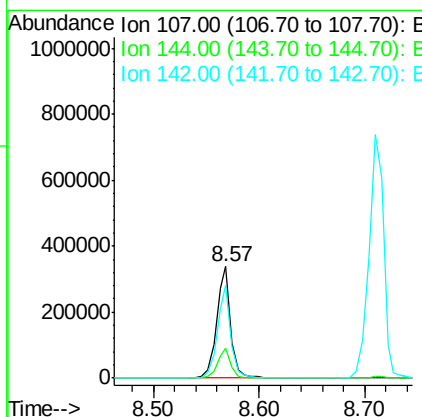
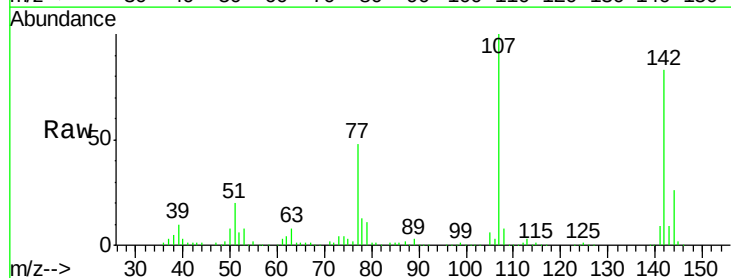
Manual Integrations
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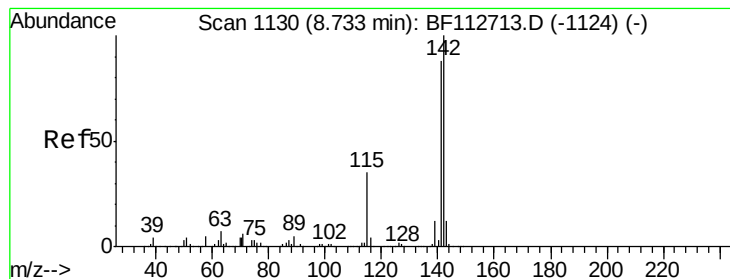
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#36
 4-Chloro-3-methylphenol
 Concen: 36.074 ng
 RT: 8.57 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: BF113234.D
 Acq: 22 Mar 2019 15:00

Tgt Ion:107 Resp: 317942
 Ion Ratio Lower Upper
 107 100
 144 26.4 20.1 30.1
 142 83.0 61.9 92.9





#37

2-Methylnaphthalene

Concen: 38.071 ng

RT: 8.71 min Scan# 1126

Delta R.T. -0.02 min

Lab File: BF113234.D

Acq: 22 Mar 2019 15:00

Instrument :

BNA_F

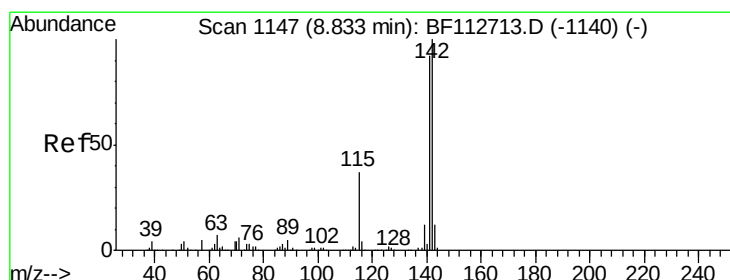
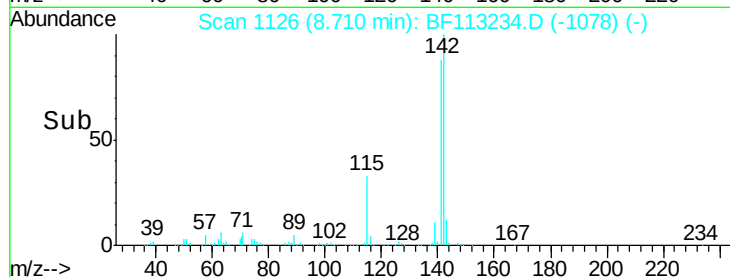
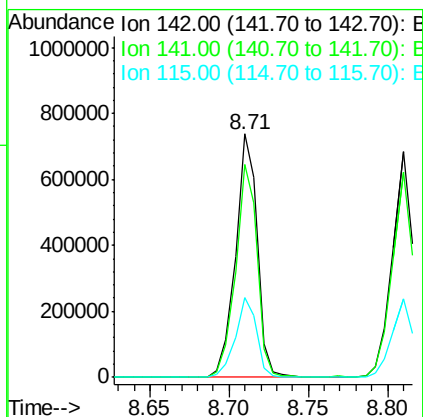
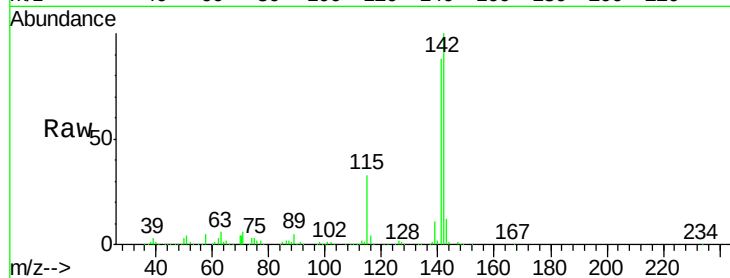
ClientSampleId :

S4B(2-10)MSD

Tgt Ion:	142	Resp:	695891
Ion Ratio	Lower	Upper	
142	100		
141	87.5	70.3	105.5
115	32.9	27.8	41.6

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3/25/2019 6:32:06 PM



#38

1-Methylnaphthalene

Concen: 34.333 ng

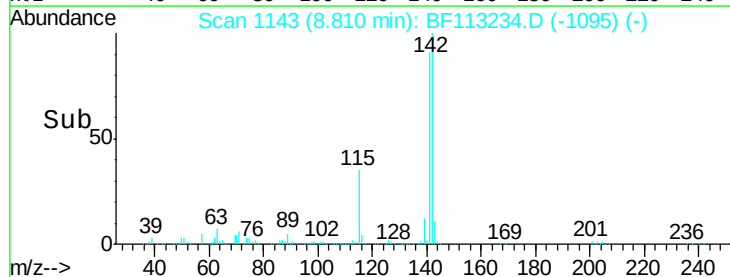
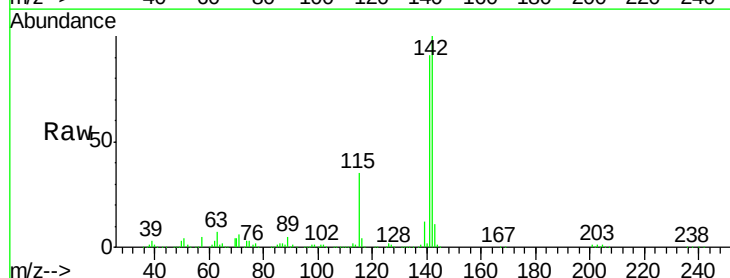
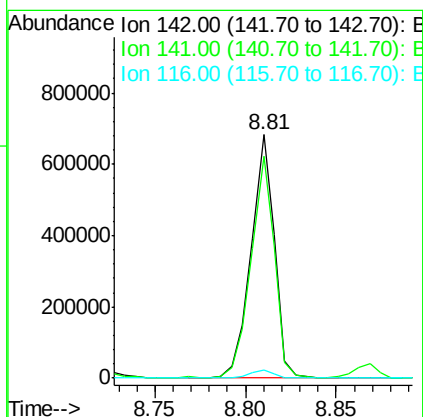
RT: 8.81 min Scan# 1143

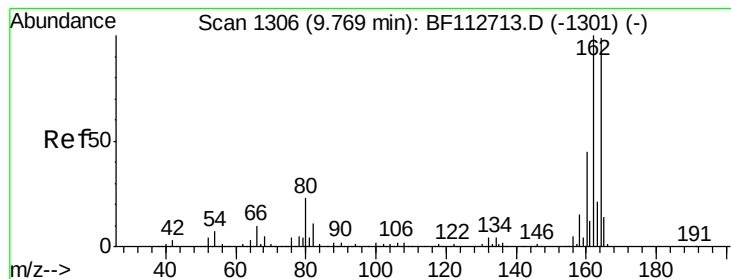
Delta R.T. -0.02 min

Lab File: BF113234.D

Acq: 22 Mar 2019 15:00

Tgt Ion:	142	Resp:	607917
Ion Ratio	Lower	Upper	
142	100		
141	90.9	73.7	110.5
116	3.6	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BF113234.D

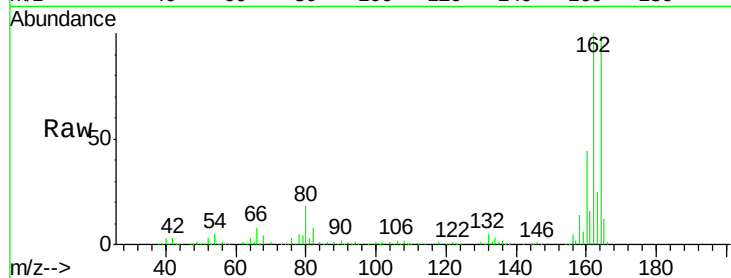
Acq: 22 Mar 2019 15:00

Instrument :

BNA_F

ClientSampleId :

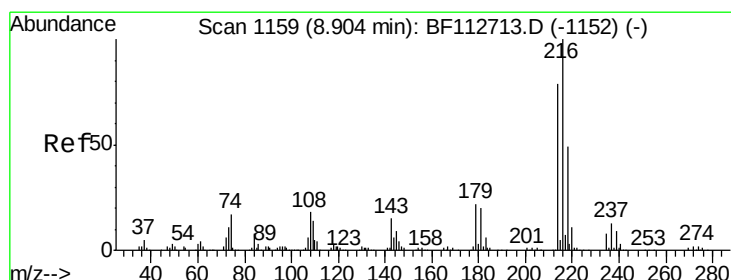
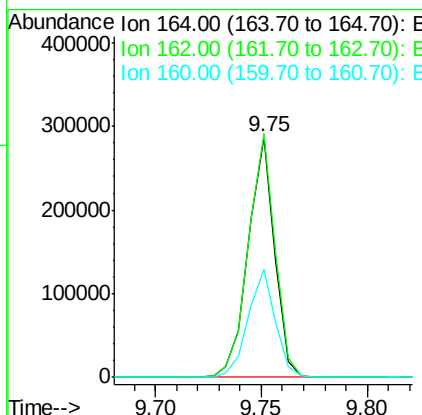
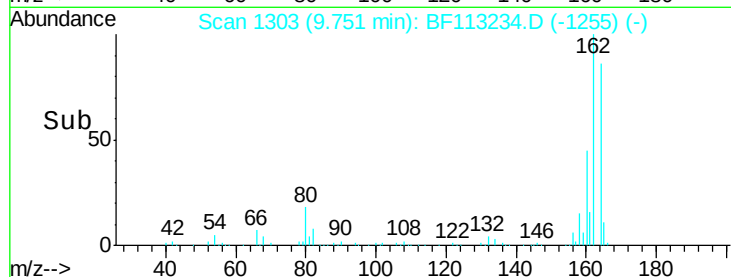
S4B(2-10)MSD



Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.3	80.6	120.8	
160	44.7	36.0	54.0	

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.533 ng

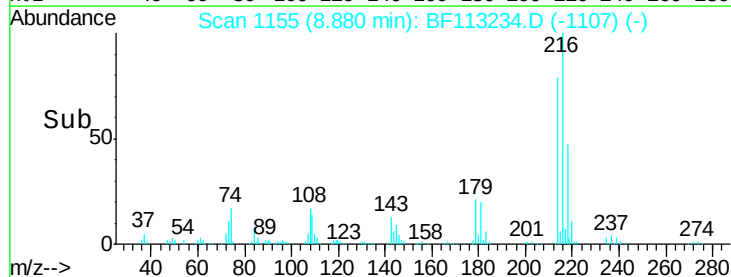
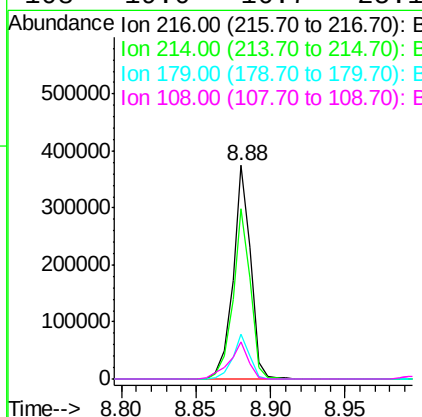
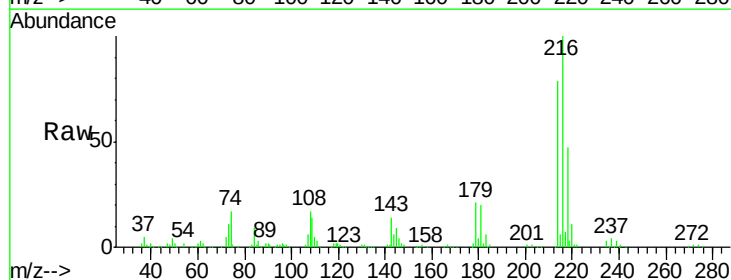
RT: 8.88 min Scan# 1155

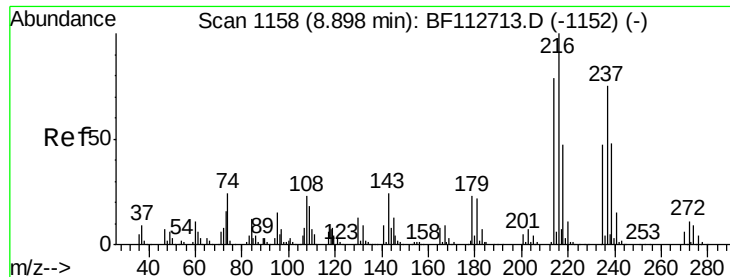
Delta R.T. -0.02 min

Lab File: BF113234.D

Acq: 22 Mar 2019 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.8	63.2	94.8	
179	20.3	17.5	26.3	
108	19.0	16.7	25.1	





#41

Hexachlorocyclopentadiene

Concen: 77.090 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.02 min

Lab File: BF113234.D

Acq: 22 Mar 2019 15:00

Instrument :

BNA_F

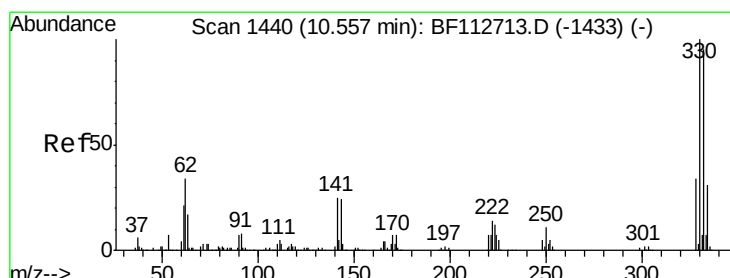
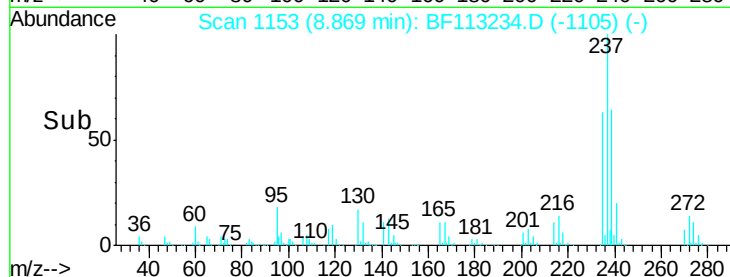
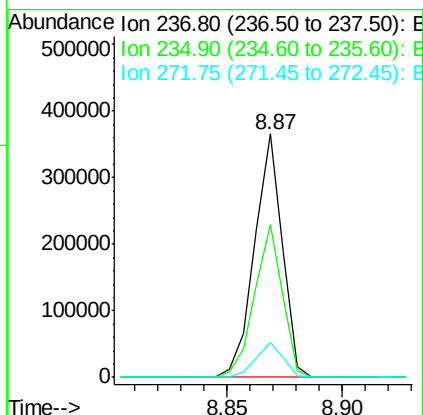
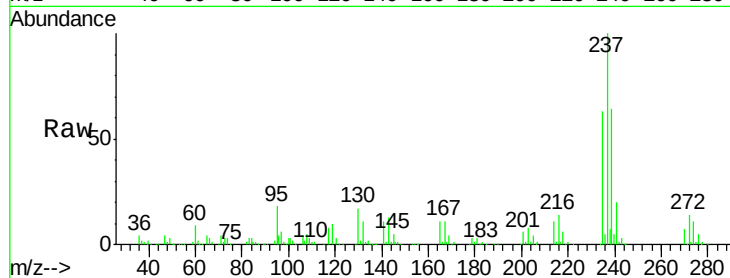
ClientSampleId :

S4B(2-10)MSD

Tgt Ion:	237	Resp:	307579
Ion Ratio	Lower	Upper	
237	100		
235	62.8	42.2	82.2
272	14.4	0.0	34.0

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 130.909 ng

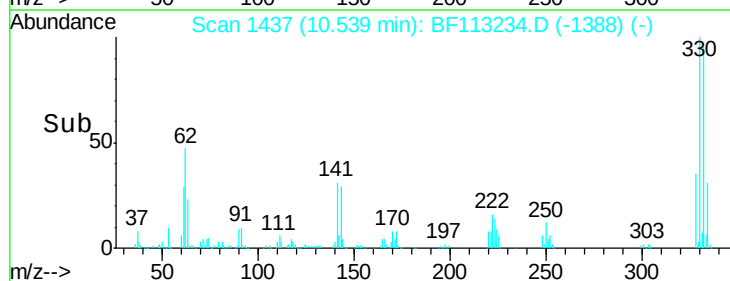
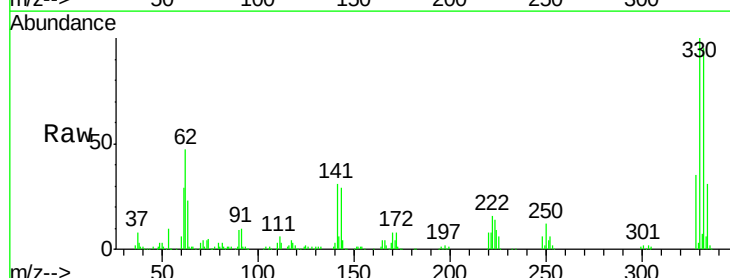
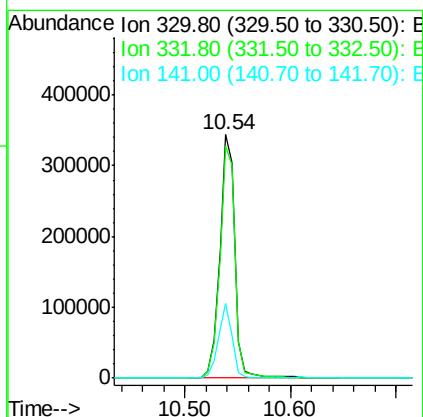
RT: 10.54 min Scan# 1437

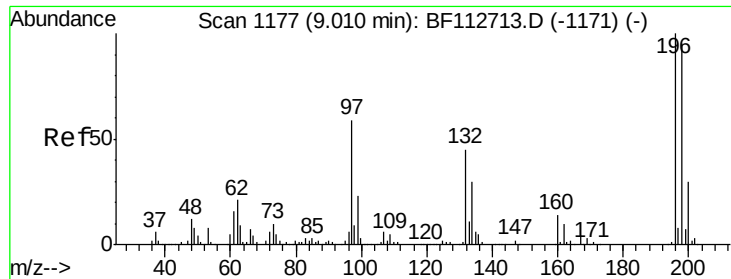
Delta R.T. -0.01 min

Lab File: BF113234.D

Acq: 22 Mar 2019 15:00

Tgt Ion:	330	Resp:	347245
Ion Ratio	Lower	Upper	
330	100		
332	96.6	76.2	114.4
141	28.5	27.0	40.6





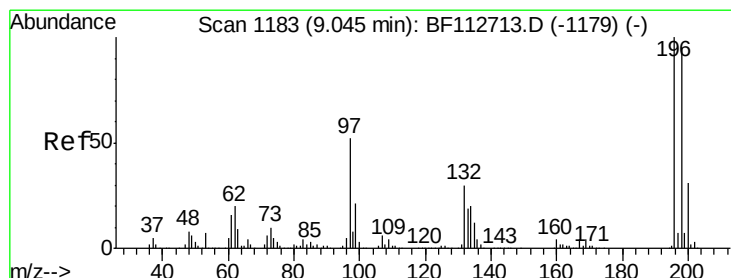
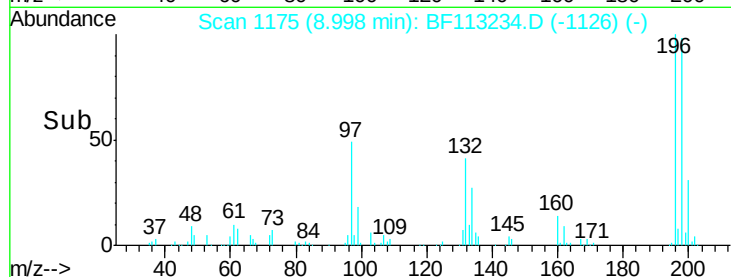
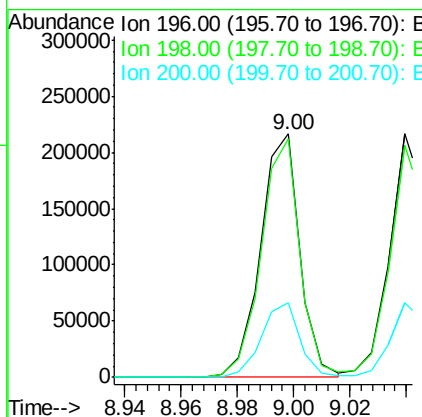
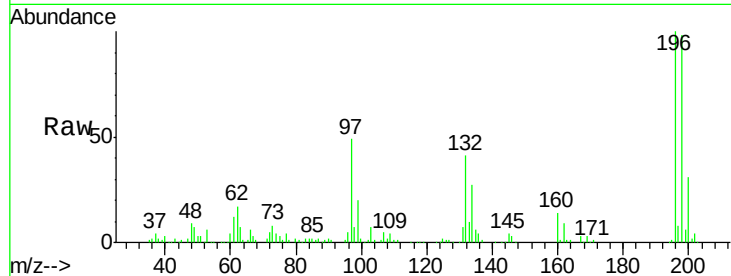
#43
 2,4,6-Trichlorophenol
 Concen: 41.509 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF113234.D
 Acq: 22 Mar 2019 15:00

Instrument :
 BNA_F
 ClientSampleId :
 S4B(2-10)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	208147		
198	98.0	75.8	113.8	
200	30.7	24.3	36.5	

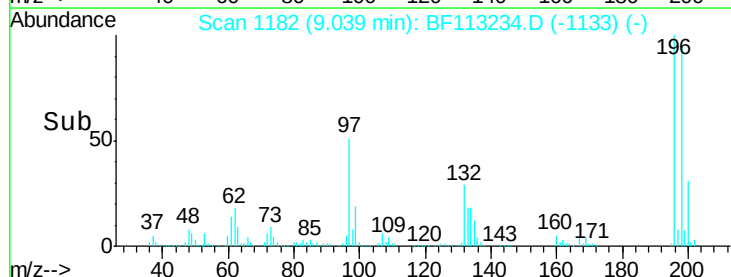
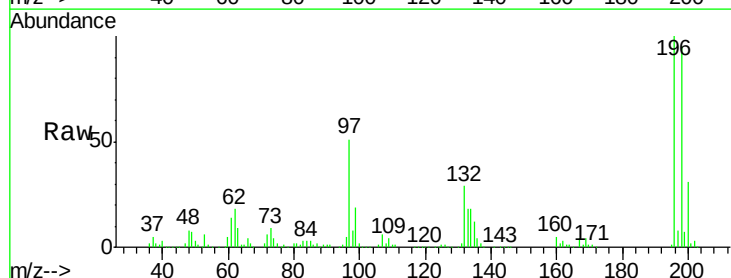
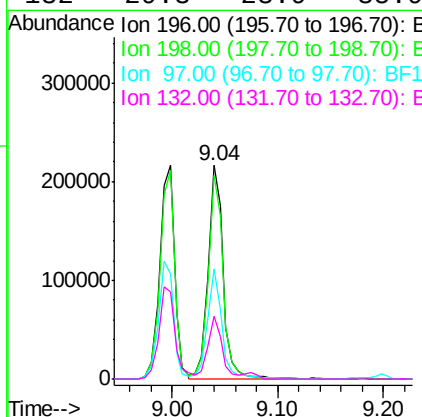
Manual Integrations
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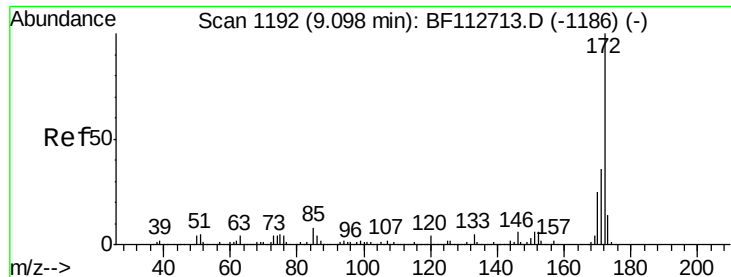
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 40.121 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF113234.D
 Acq: 22 Mar 2019 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	217459		
198	95.1	76.2	114.2	
97	51.4	41.5	62.3	
132	29.3	23.9	35.9	





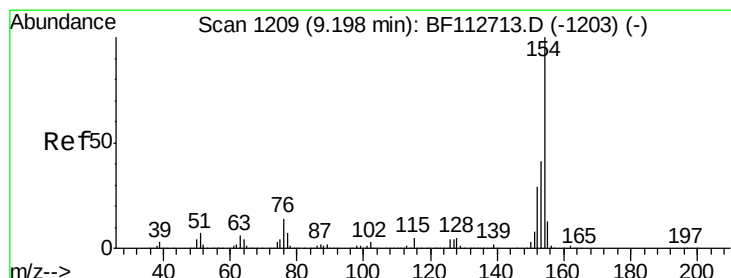
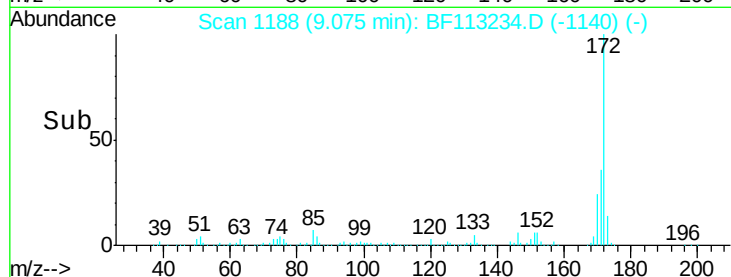
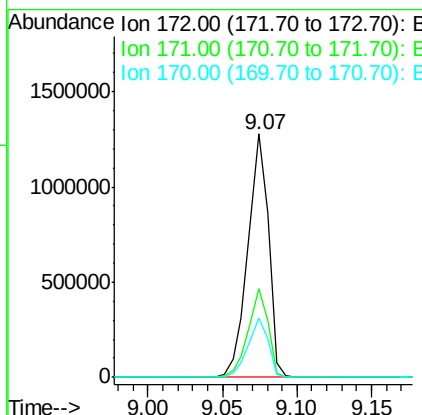
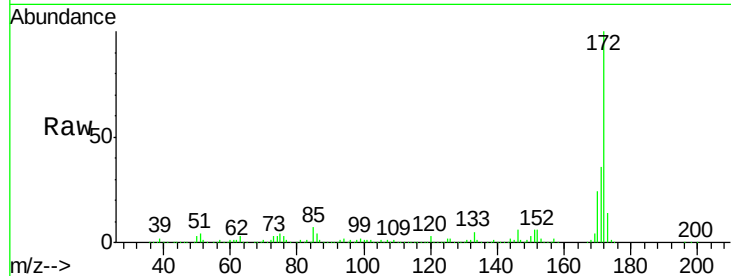
#45
2-Fluorobiphenyl
Concen: 79.575 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.02 min
Lab File: BF113234.D
Acq: 22 Mar 2019 15:00

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MSD

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.4
170	24.4	20.0	30.0

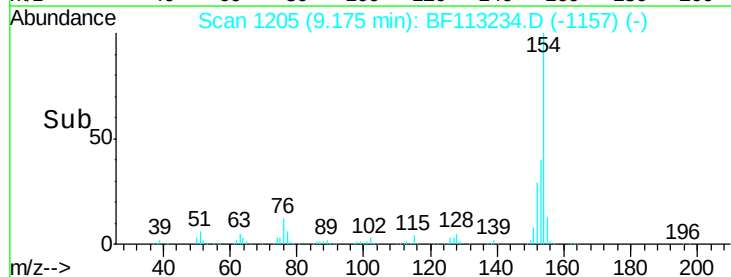
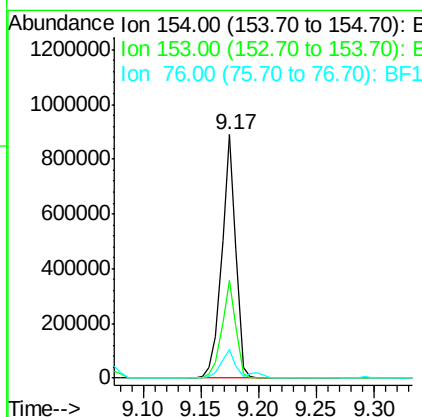
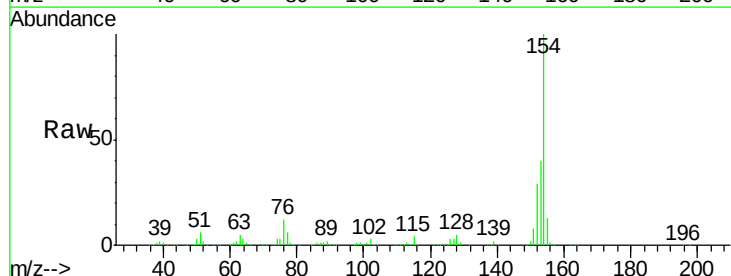
Manual Integrations
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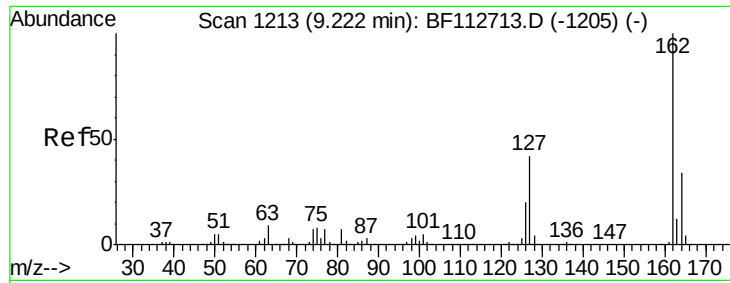
Sohil
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#46
1,1'-Biphenyl
Concen: 36.601 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.02 min
Lab File: BF113234.D
Acq: 22 Mar 2019 15:00

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.8	60.8
76	11.9	0.0	33.8





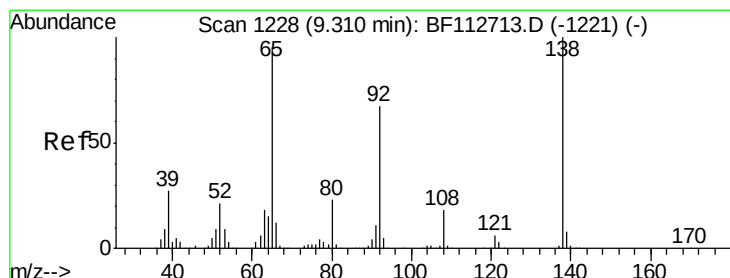
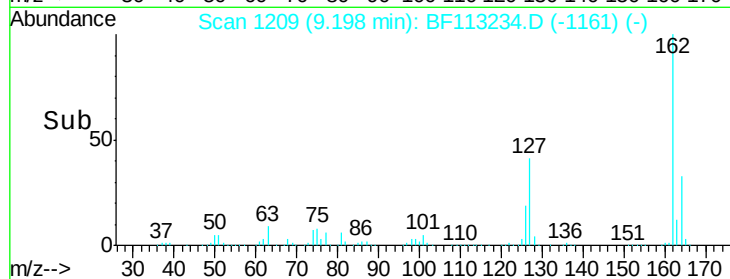
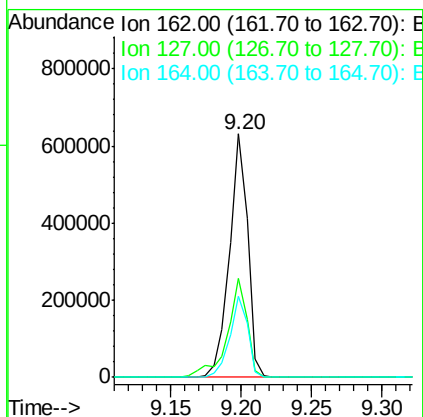
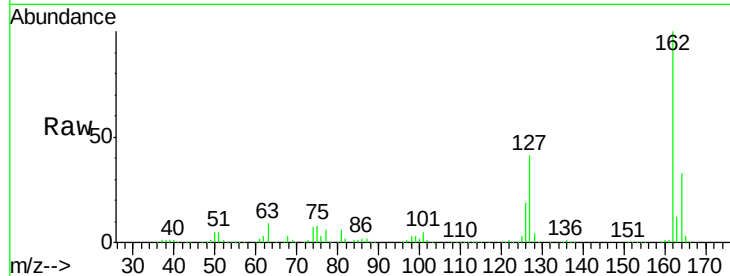
#47
 2-Chloronaphthalene
 Concen: 35.696 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.02 min
 Lab File: BF113234.D
 Acq: 22 Mar 2019 15:00

Instrument :
 BNA_F
 ClientSampleId :
 S4B(2-10)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	568045		
127	40.7	33.4	50.2	
164	33.2	26.9	40.3	

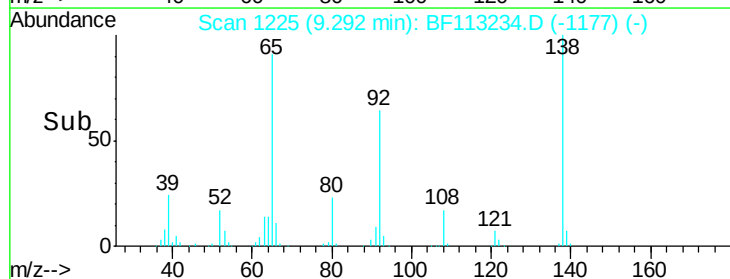
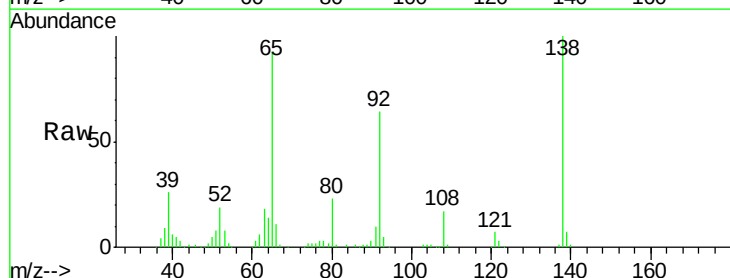
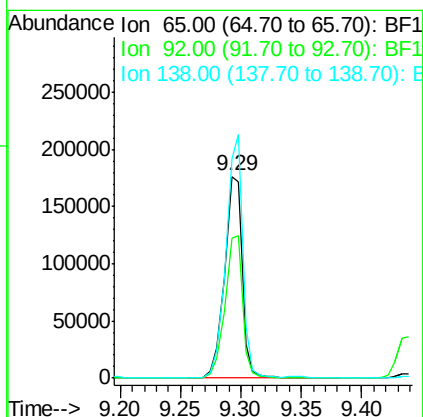
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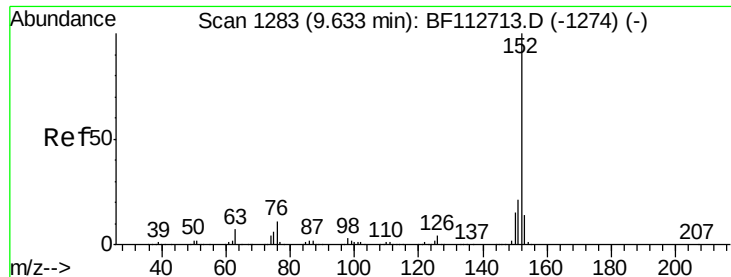
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#48
 2-Nitroaniline
 Concen: 37.307 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.02 min
 Lab File: BF113234.D
 Acq: 22 Mar 2019 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	180453		
92	69.6	56.4	84.6	
138	108.6	84.6	126.8	





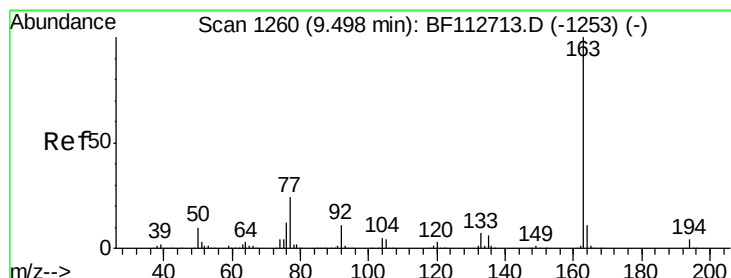
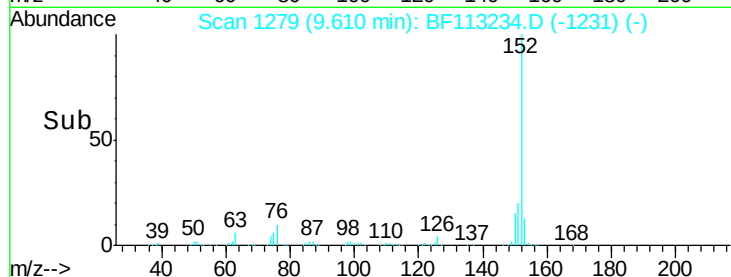
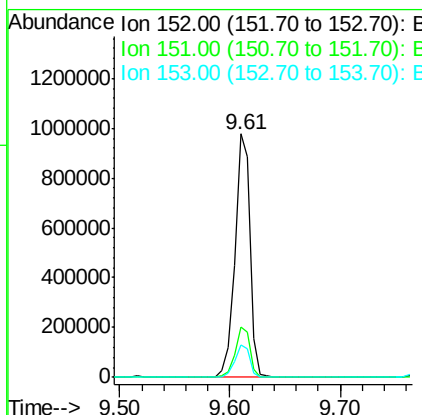
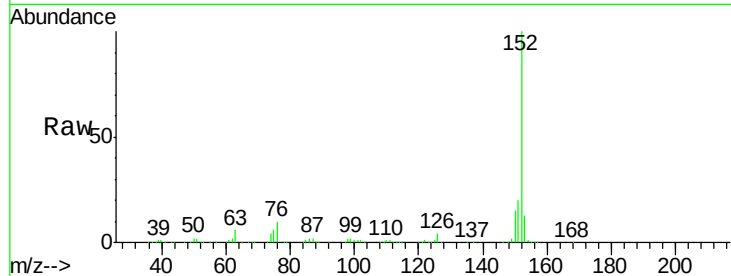
#49
Acenaphthylene
Concen: 34.579 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF113234.D
Acq: 22 Mar 2019 15:00

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.9	25.3
153	13.2	11.0	16.6

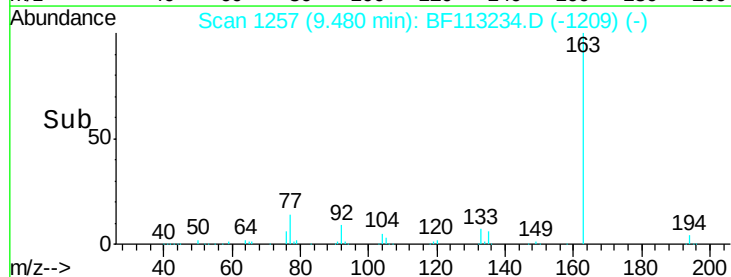
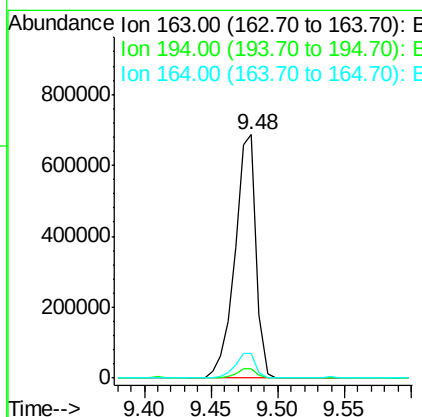
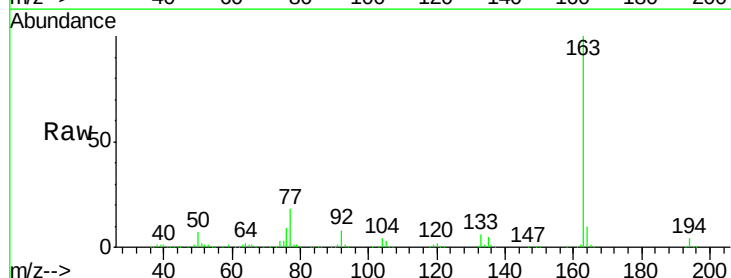
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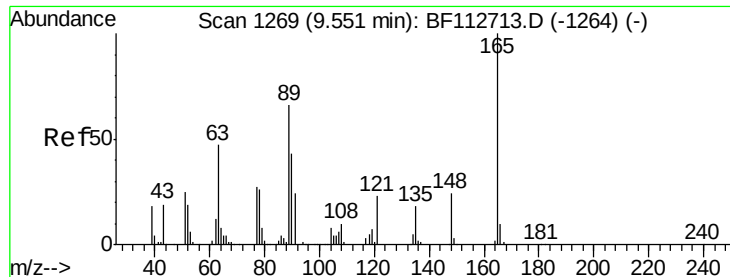
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#50
Dimethylphthalate
Concen: 41.337 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF113234.D
Acq: 22 Mar 2019 15:00

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.4
164	9.9	8.4	12.6





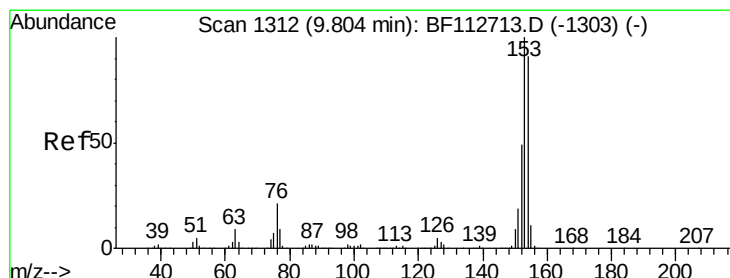
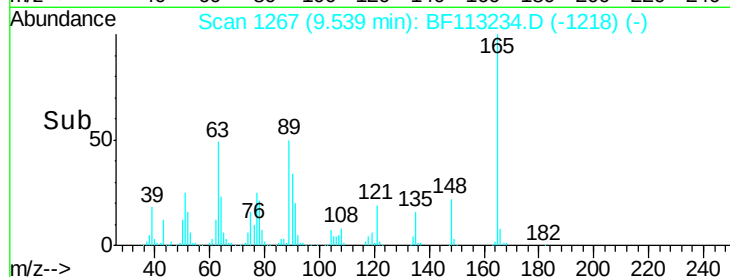
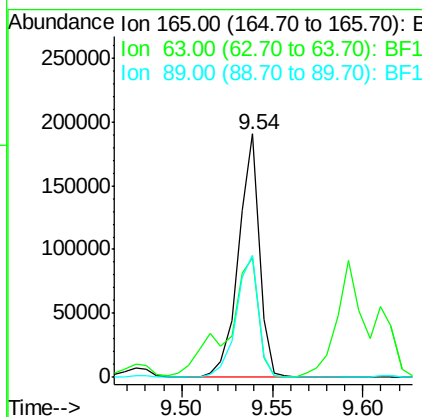
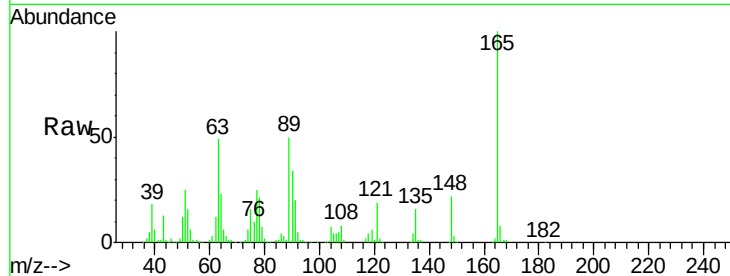
#51
 2,6-Dinitrotoluene
 Concen: 39.852 ng
 RT: 9.54 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF113234.D
 Acq: 22 Mar 2019 15:00

Instrument :
 BNA_F
 ClientSampled :
 S4B(2-10)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	152893		
63	49.3	54.1	81.1#	
89	49.9	52.8	79.2#	

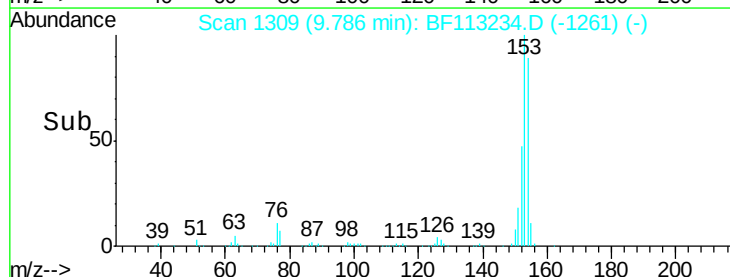
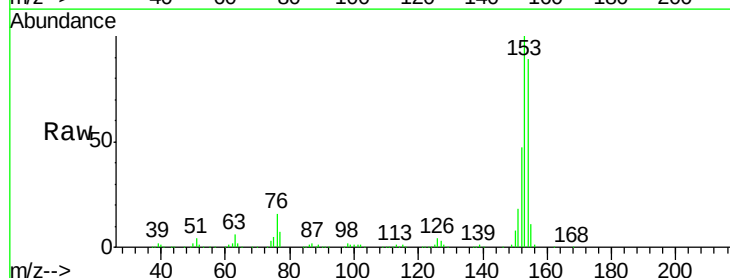
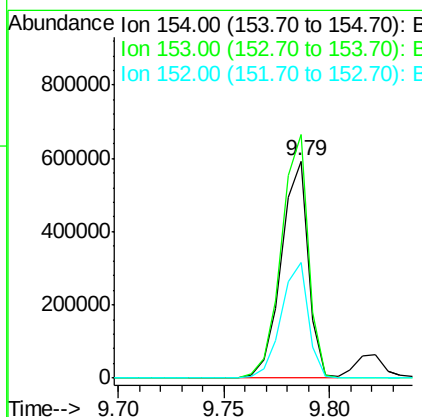
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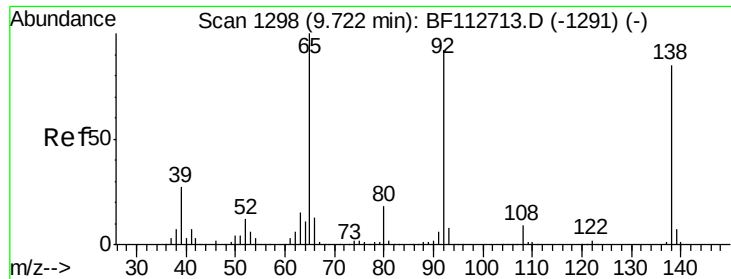
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#52
 Acenaphthene
 Concen: 33.676 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. -0.02 min
 Lab File: BF113234.D
 Acq: 22 Mar 2019 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	532024		
153	112.1	87.8	131.8	
152	53.1	43.0	64.6	





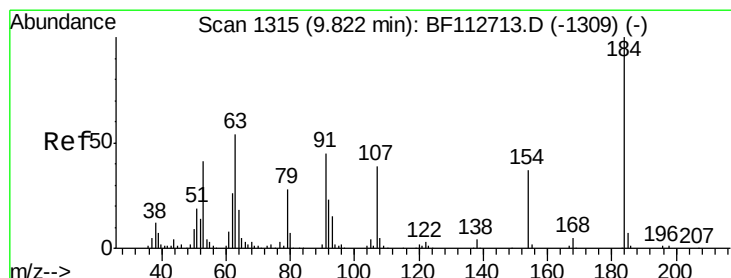
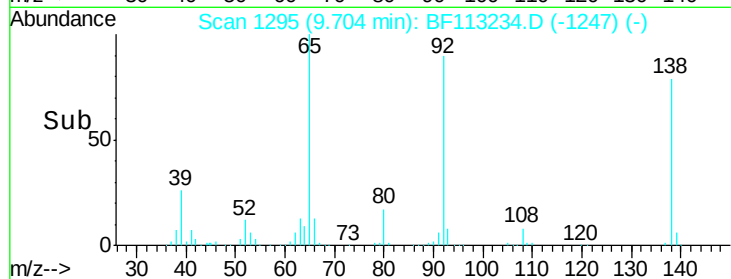
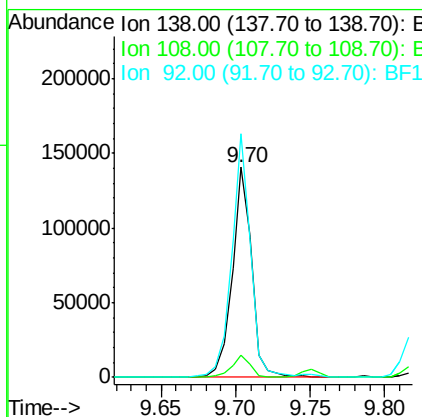
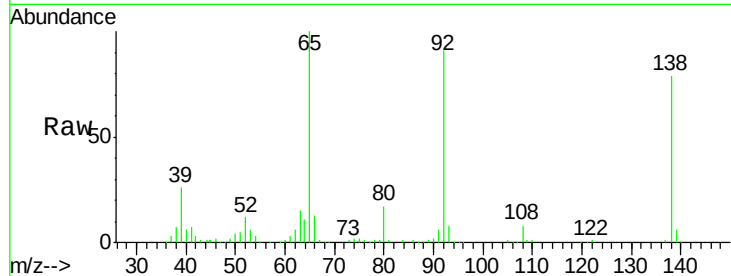
#53
 3-Nitroaniline
 Concen: 27.674 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.02 min
 Lab File: BF113234.D
 Acq: 22 Mar 2019 15:00

Instrument :
 BNA_F
 ClientSampleId :
 S4B(2-10)MSD

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.3	8.6	13.0
92	115.9	86.6	129.8

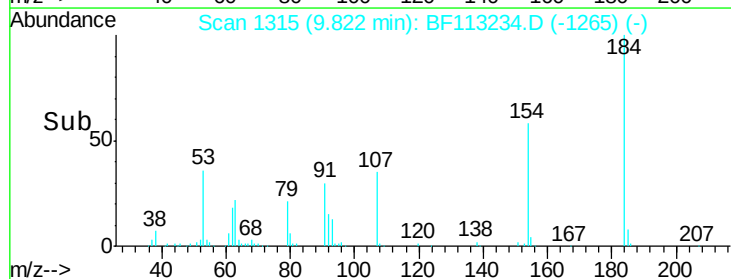
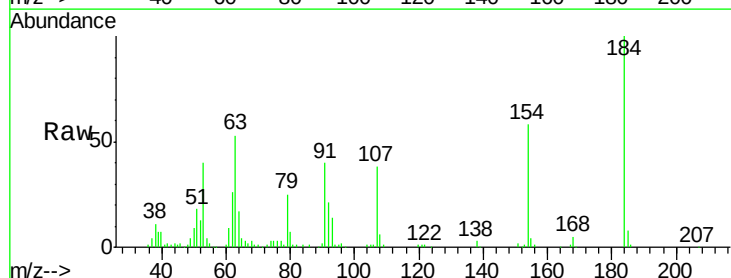
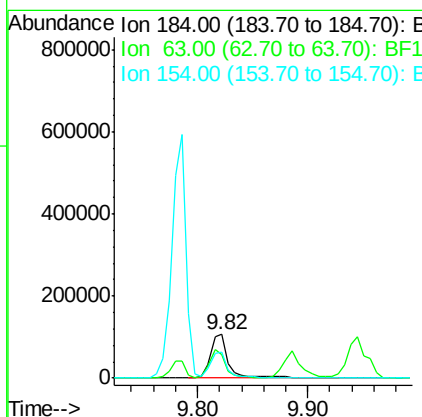
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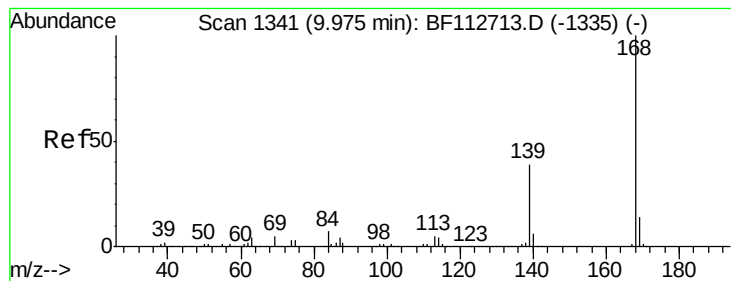
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#54
 2,4-Dinitrophenol
 Concen: 75.359 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF113234.D
 Acq: 22 Mar 2019 15:00

Tgt Ion	Ratio	Lower	Upper
184	100		
63	52.5	45.3	67.9
154	58.5	46.0	69.0





#55

Dibenzofuran

Concen: 36.013 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.02 min

Lab File: BF113234.D

Acq: 22 Mar 2019 15:00

Instrument :

BNA_F

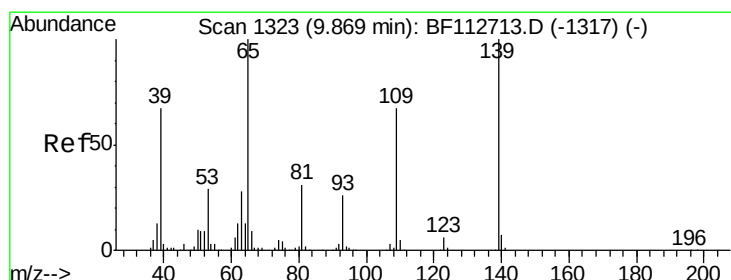
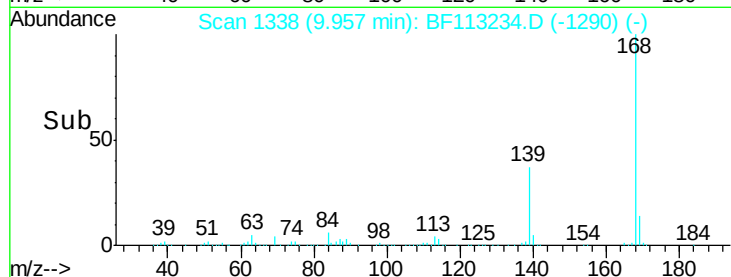
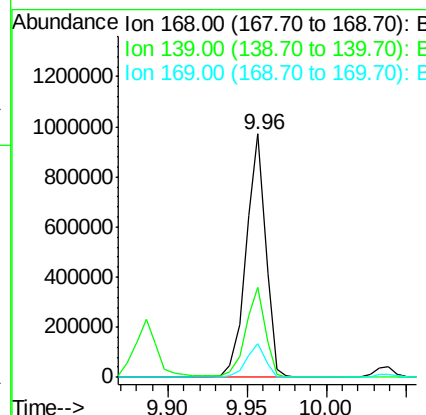
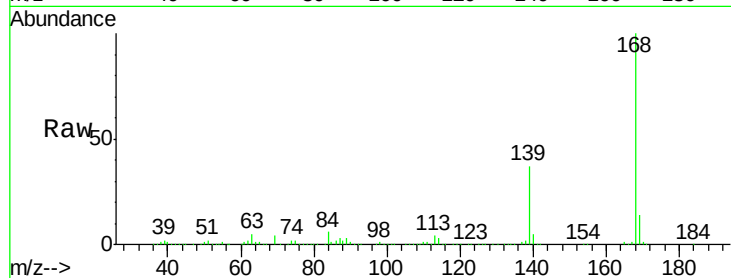
ClientSampleId :

S4B(2-10)MSD

Tgt Ion:	168	Resp:	826916
Ion Ratio	Lower	Upper	
168	100		
139	37.0	31.3	46.9
169	13.6	11.3	16.9

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#56

4-Nitrophenol

Concen: 61.123 ng

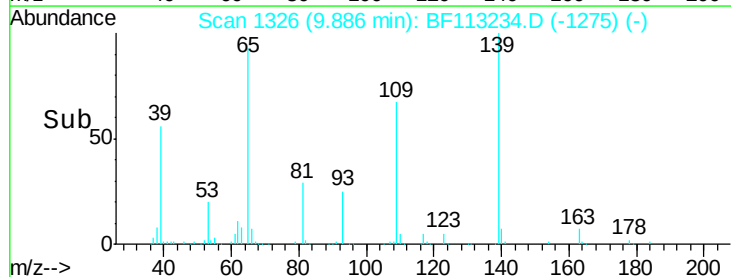
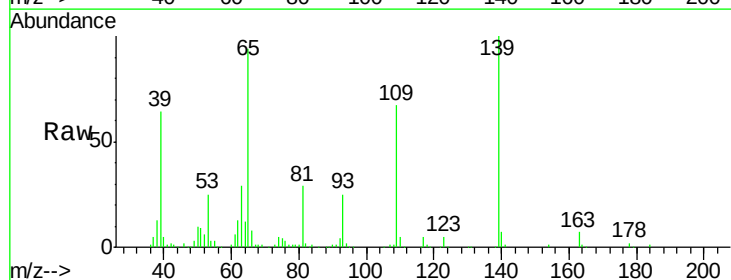
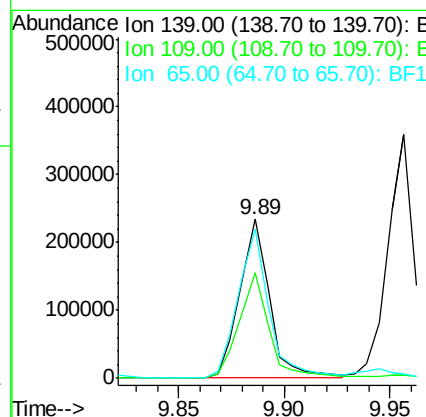
RT: 9.89 min Scan# 1326

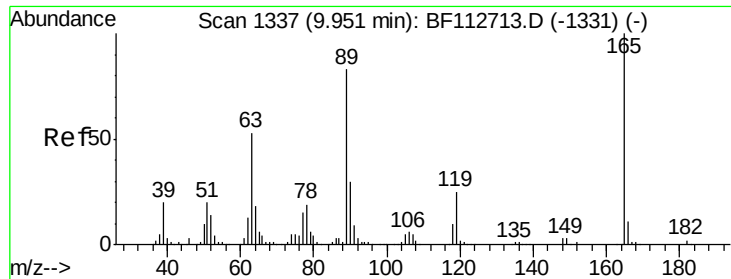
Delta R.T. -0.00 min

Lab File: BF113234.D

Acq: 22 Mar 2019 15:00

Tgt Ion:	139	Resp:	232227
Ion Ratio	Lower	Upper	
139	100		
109	66.8	46.8	86.8
65	94.2	80.7	120.7





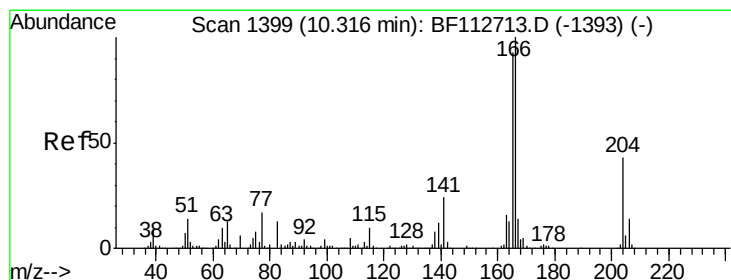
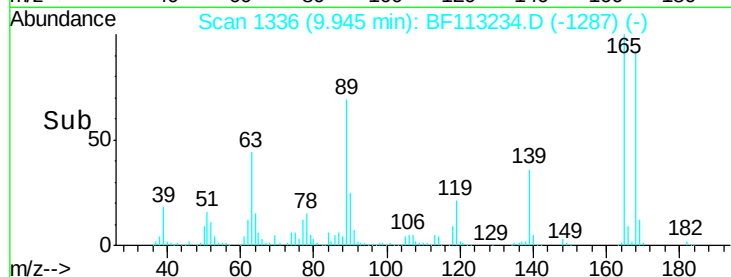
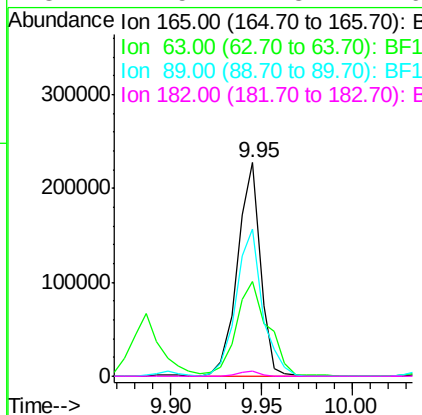
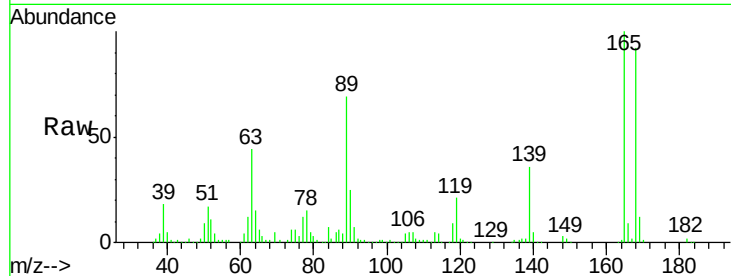
#57
 2,4-Dinitrotoluene
 Concen: 42.164 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: BF113234.D
 Acq: 22 Mar 2019 15:00

Instrument :
 BNA_F
 ClientSampleId :
 S4B(2-10)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	201073		
63	44.3	42.2	63.2	
89	68.8	66.2	99.4	
182	2.5	1.8	2.6	

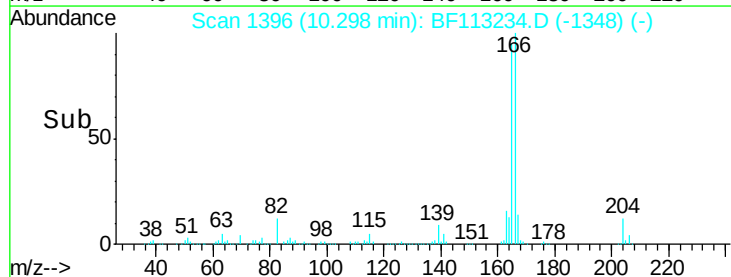
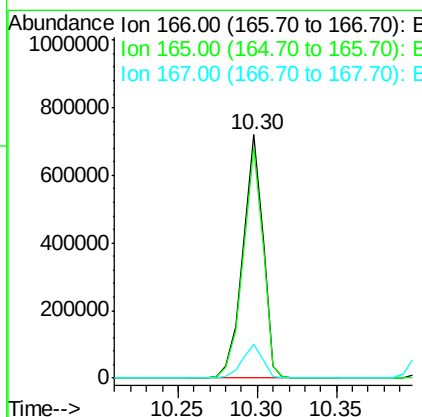
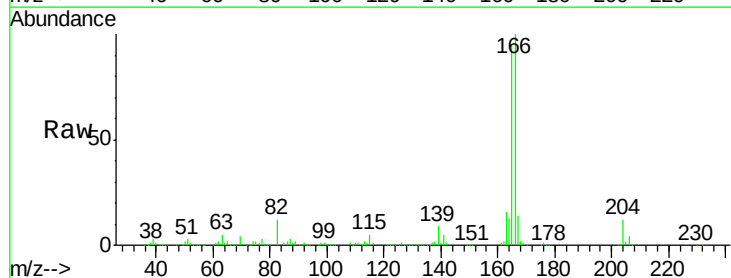
Manual Integrations
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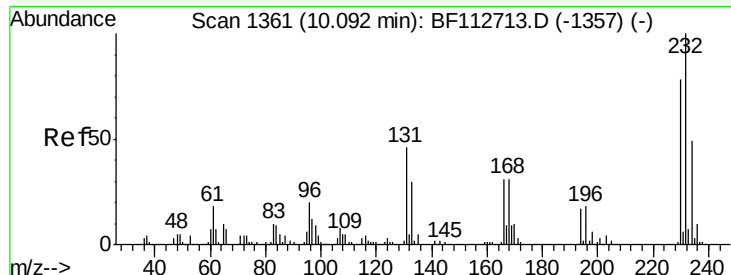
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#58
 Fluorene
 Concen: 38.642 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.02 min
 Lab File: BF113234.D
 Acq: 22 Mar 2019 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	629735		
165	94.9	74.7	112.1	
167	13.8	11.0	16.6	





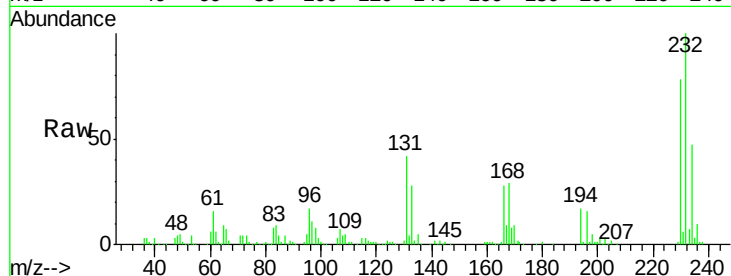
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.885 ng
 RT: 10.08 min Scan# 1359
 Delta R.T. -0.01 min
 Lab File: BF113234.D
 Acq: 22 Mar 2019 15:00

Instrument :
 BNA_F
 ClientSampleId :
 S4B(2-10)MSD

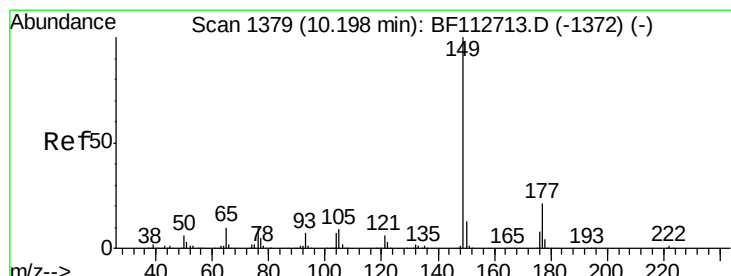
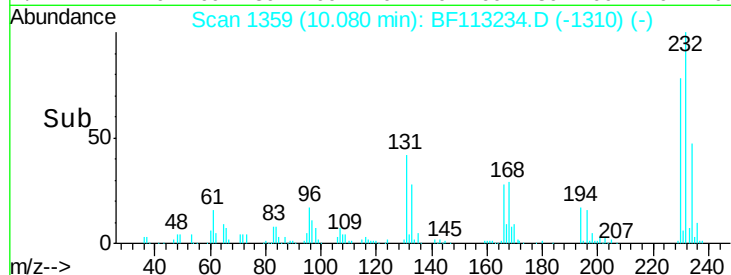
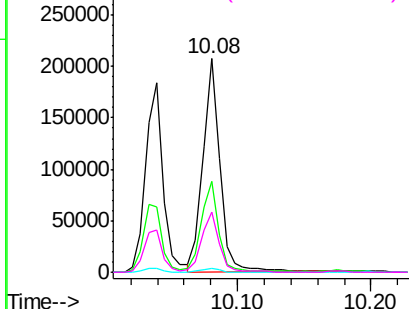
Tgt Ion	Ratio	Resp	Lower	Upper
232	100	184626		
131	44.1	38.7	58.1	
130	2.0	1.9	2.9	
166	29.4	25.2	37.8	

Manual Integrations
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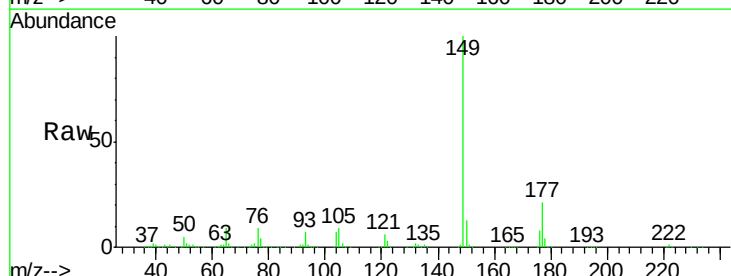


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

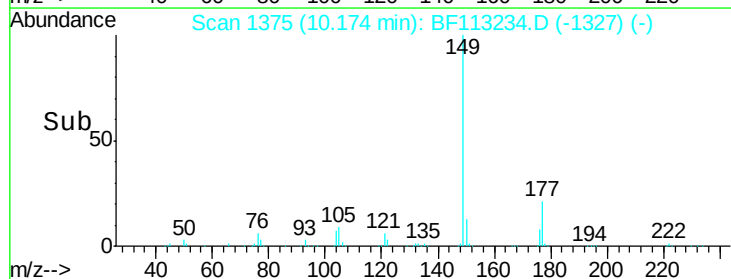
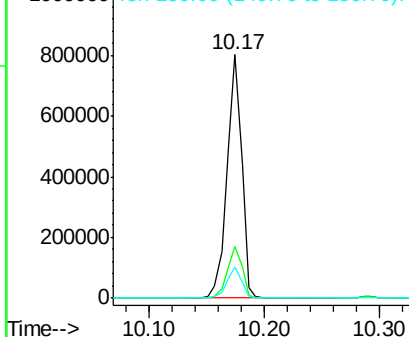


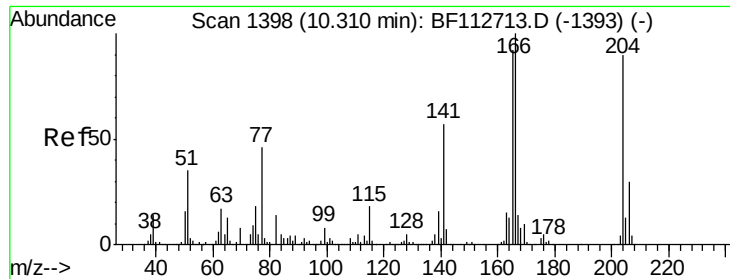
#60
 Diethylphthalate
 Concen: 35.977 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.02 min
 Lab File: BF113234.D
 Acq: 22 Mar 2019 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	700031		
177	21.3	17.0	25.6	
150	12.8	10.0	15.0	



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





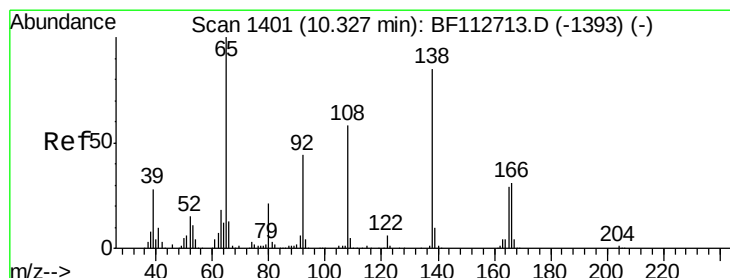
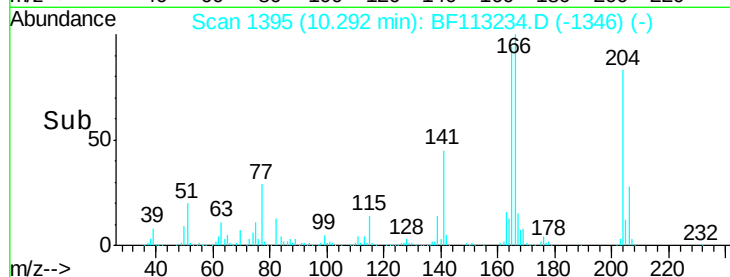
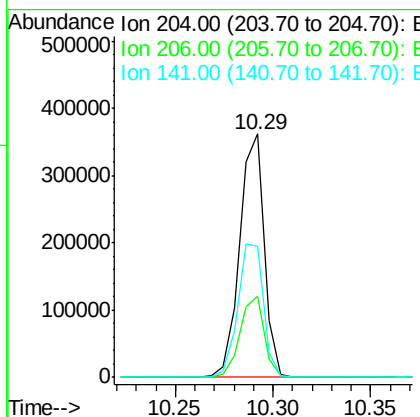
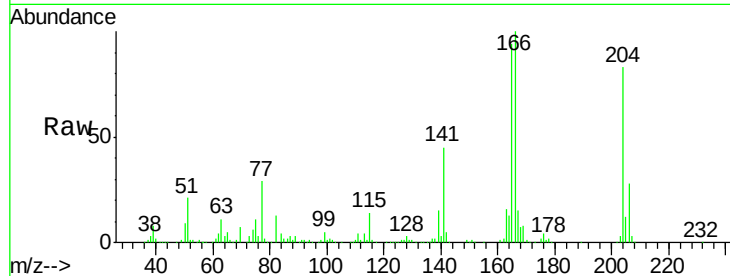
#61
4-Chlorophenyl-phenylether
Concen: 41.745 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF113234.D
Acq: 22 Mar 2019 15:00

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	316524		
206	33.5	26.6	40.0	
141	53.7	50.8	76.2	

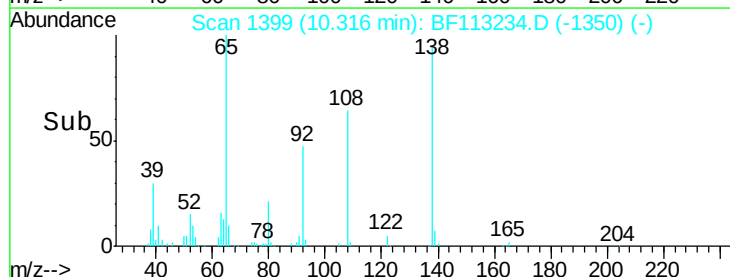
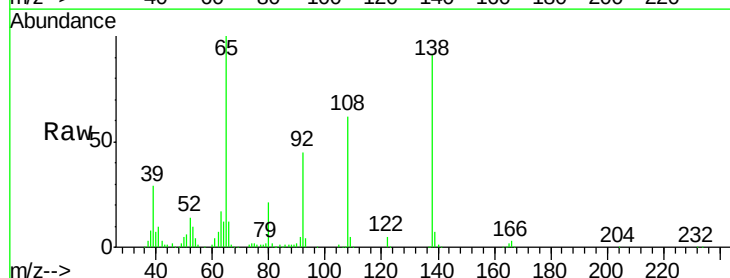
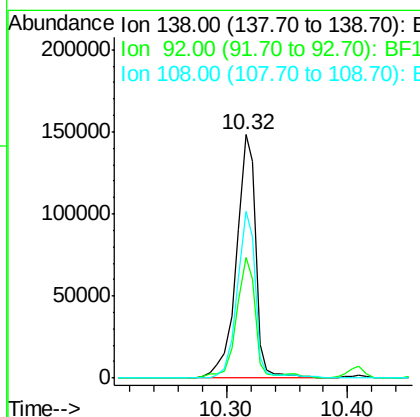
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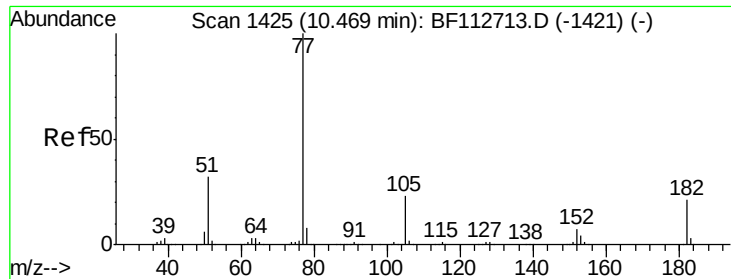
Sohil
3/25/2019 6:32:06 PM



#62
4-Nitroaniline
Concen: 38.669 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BF113234.D
Acq: 22 Mar 2019 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	167043		
92	49.5	31.3	71.3	
108	68.6	48.1	88.1	





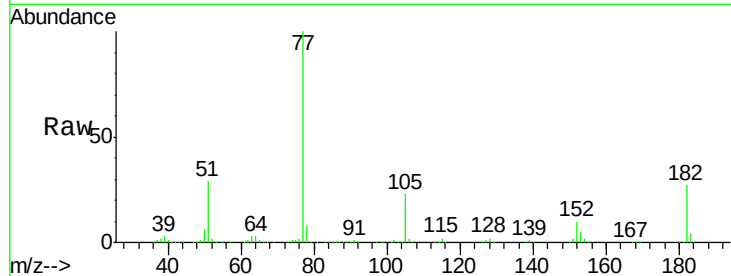
#63
Azobenzene
Concen: 32.162 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF113234.D
Acq: 22 Mar 2019 15:00

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MSD

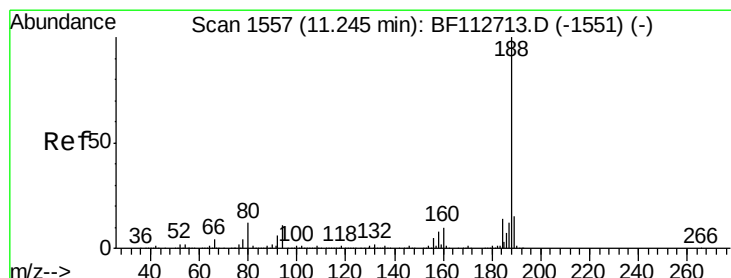
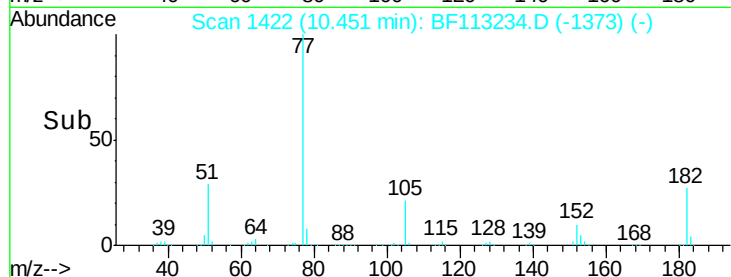
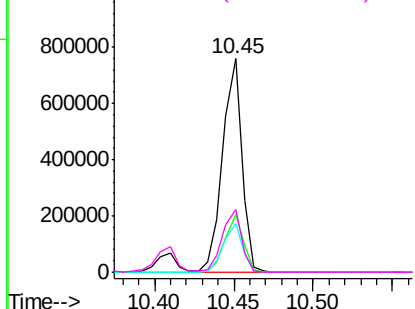
Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.7	1.4	41.4
105	22.7	2.6	42.6
51	29.3	12.0	52.0

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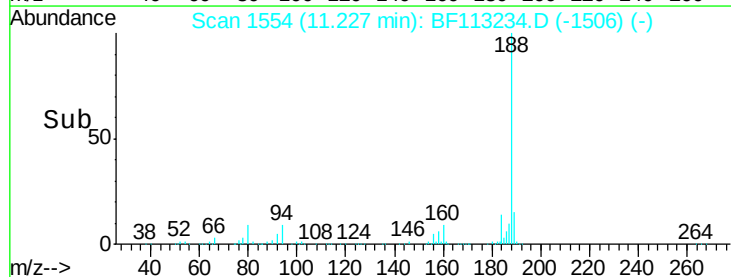
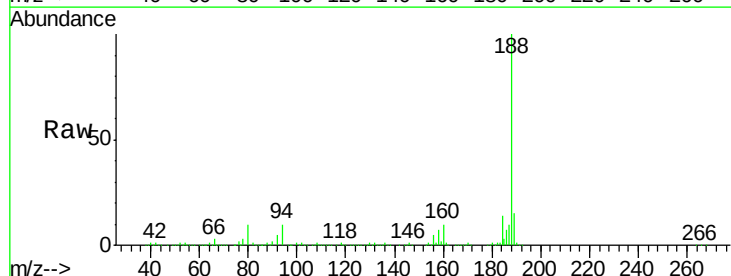
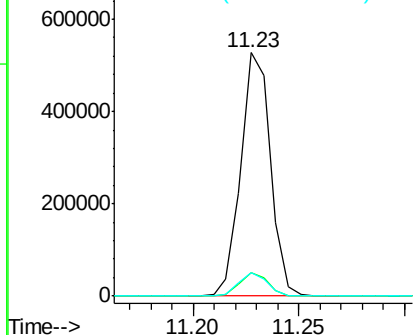
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

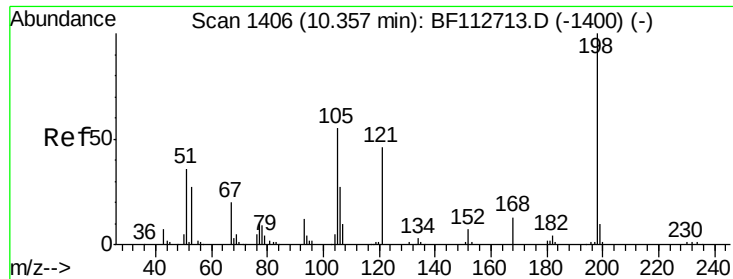


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.02 min
Lab File: BF113234.D
Acq: 22 Mar 2019 15:00

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	9.0	13.4
80	9.6	9.2	13.8

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





#65

4,6-Dinitro-2-methylphenol

Concen: 44.718 ng

RT: 10.36 min Scan# 1406

Delta R.T. -0.01 min

Lab File: BF113234.D

Acq: 22 Mar 2019 15:00

Instrument :

BNA_F

ClientSampleId :

S4B(2-10)MSD

Tgt Ion:198 Resp: 93702
Ion Ratio Lower Upper

198 100

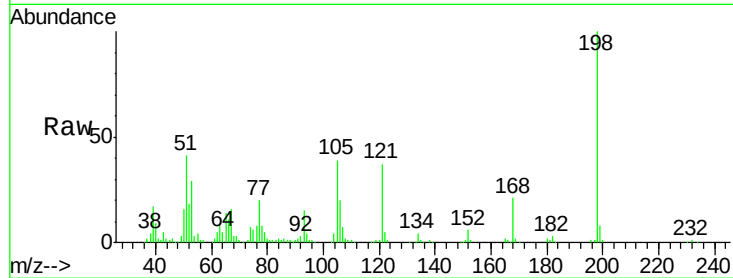
51 40.5 43.8 83.8#

105 39.5 36.5 76.5

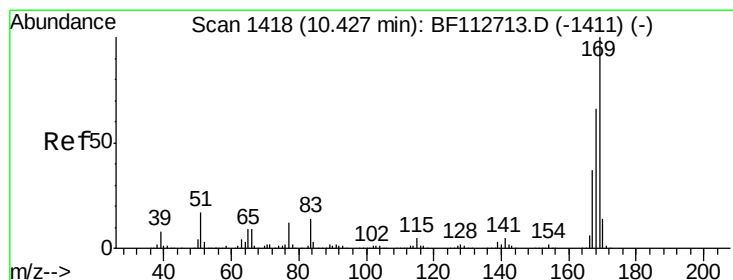
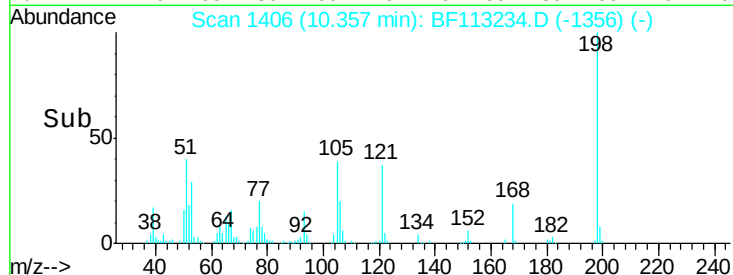
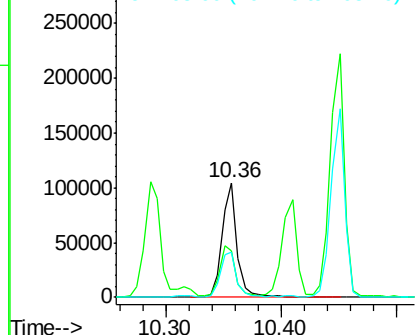
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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 34.934 ng

RT: 10.41 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BF113234.D

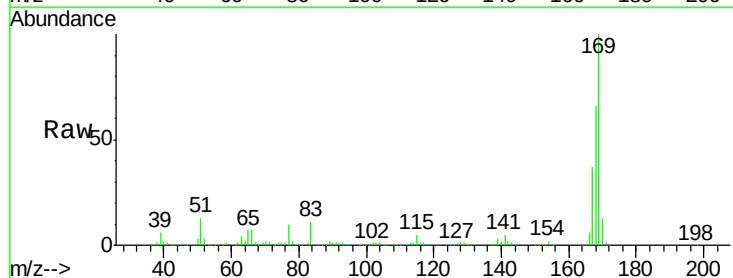
Acq: 22 Mar 2019 15:00

Tgt Ion:169 Resp: 575847
Ion Ratio Lower Upper

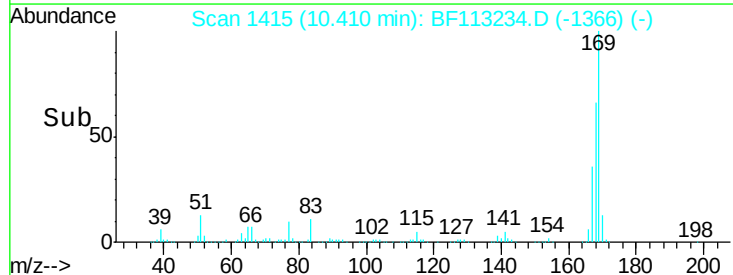
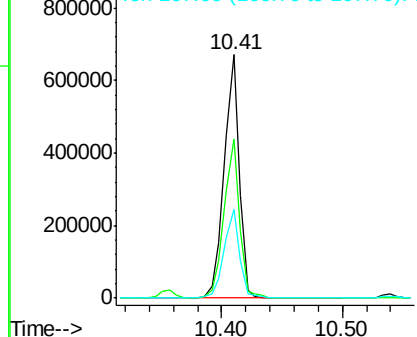
169 100

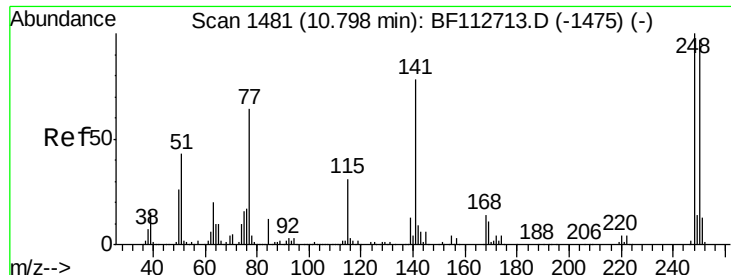
168 65.5 53.0 79.6

167 36.5 29.3 43.9



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





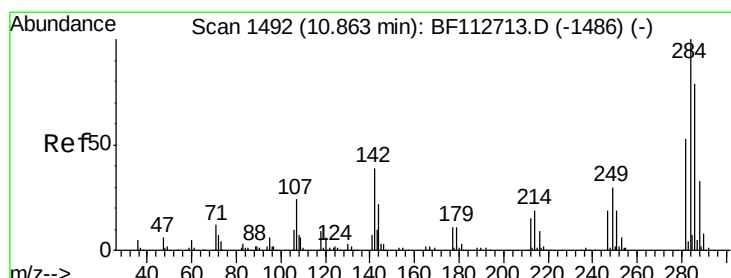
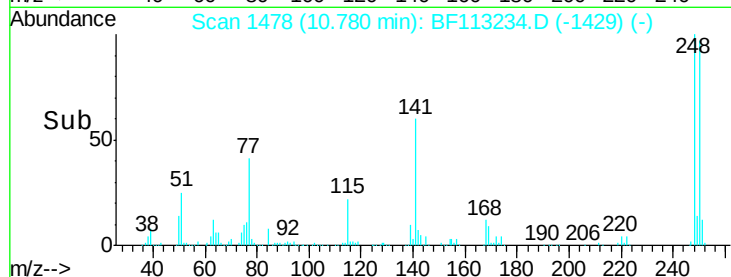
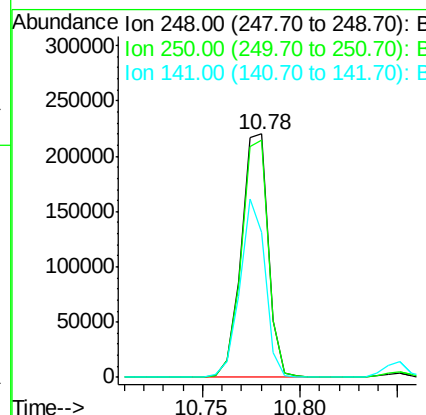
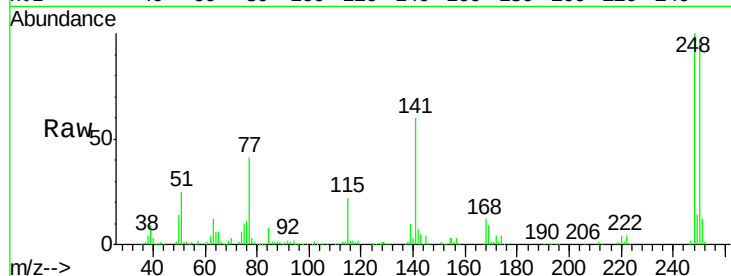
#67
 4-Bromophenyl-phenylether
 Concen: 38.923 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF113234.D
 Acq: 22 Mar 2019 15:00

Instrument :
 BNA_F
 ClientSampleId :
 S4B(2-10)MSD

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.2	77.5	116.3
141	59.7	62.4	93.6

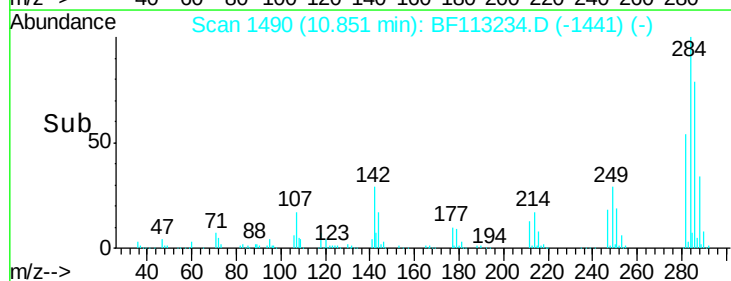
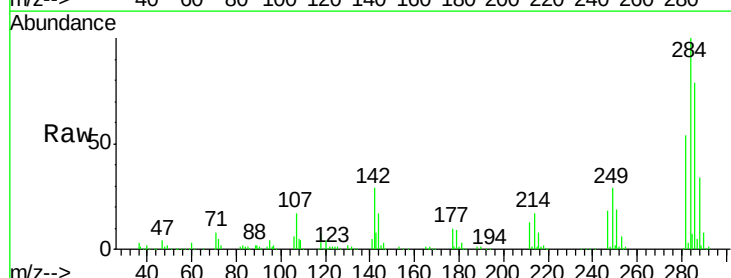
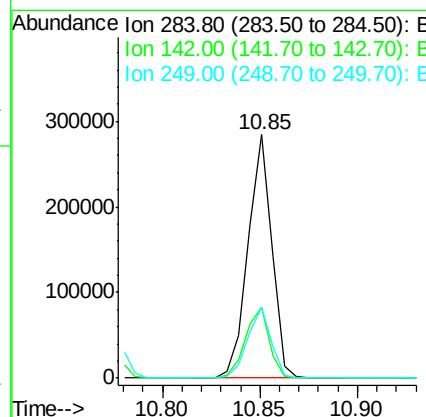
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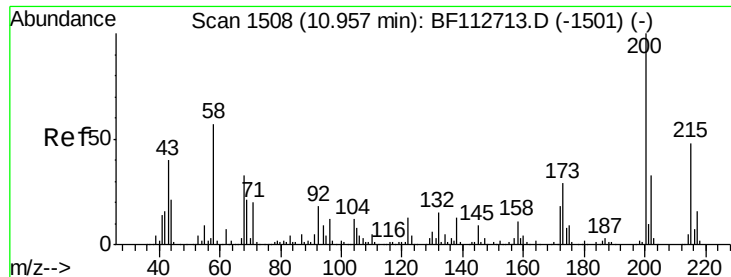
Sohil
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#68
 Hexachlorobenzene
 Concen: 39.478 ng
 RT: 10.85 min Scan# 1490
 Delta R.T. -0.01 min
 Lab File: BF113234.D
 Acq: 22 Mar 2019 15:00

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.3	31.0	46.6
249	29.3	23.6	35.4





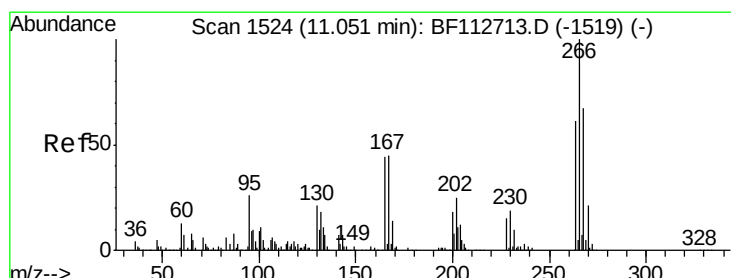
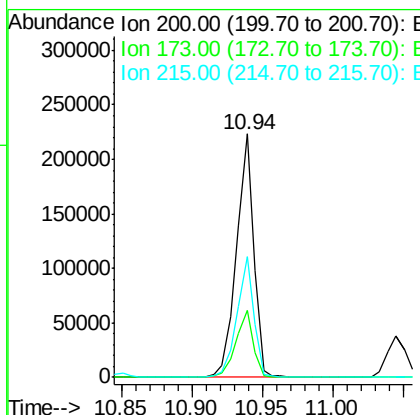
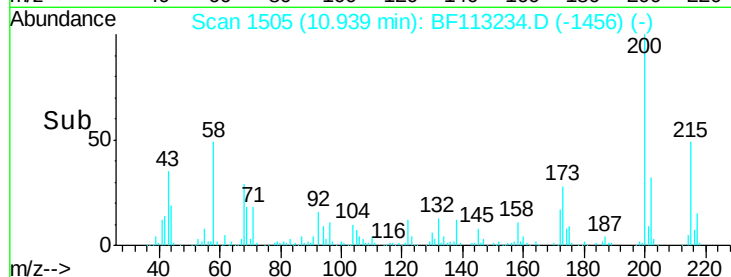
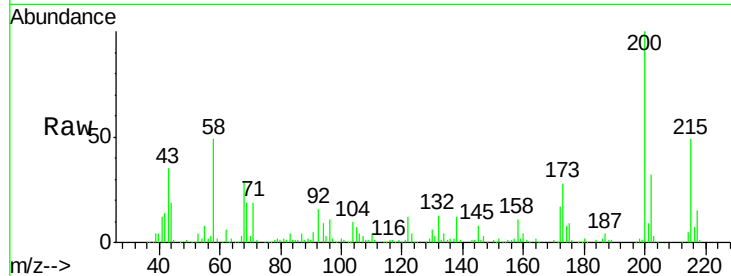
#69
Atrazine
Concen: 37.820 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.01 min
Lab File: BF113234.D
Acq: 22 Mar 2019 15:00

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.6	9.1	49.1
215	49.4	28.2	68.2

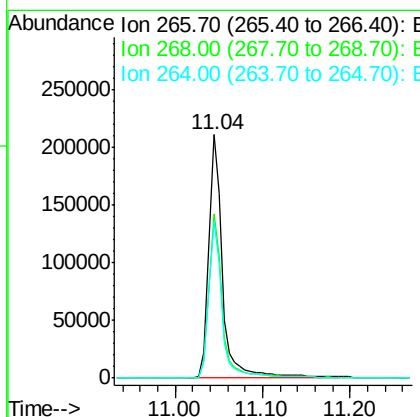
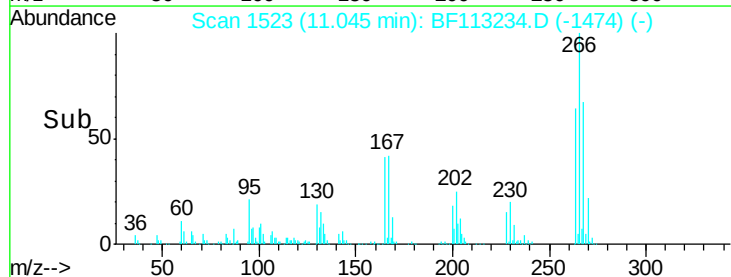
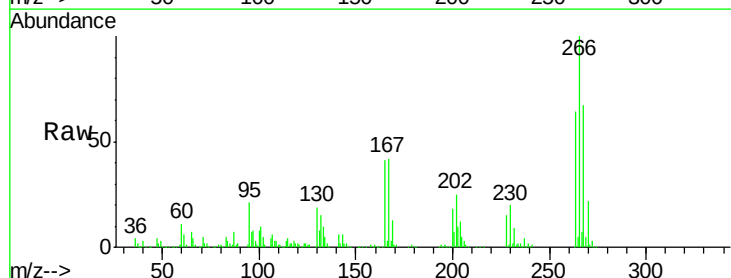
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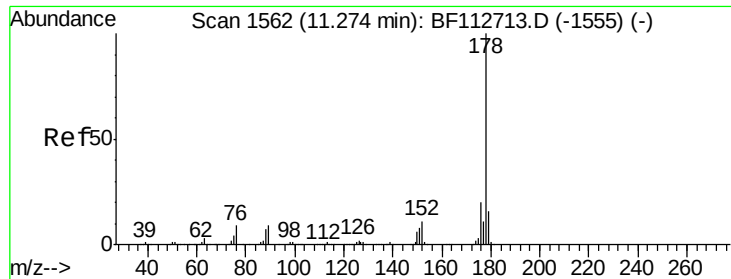
Sohil
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#70
Pentachlorophenol
Concen: 65.212 ng
RT: 11.04 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BF113234.D
Acq: 22 Mar 2019 15:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	67.4	53.3	79.9
264	64.3	48.9	73.3





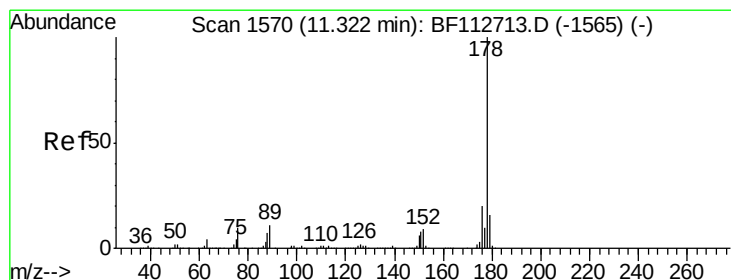
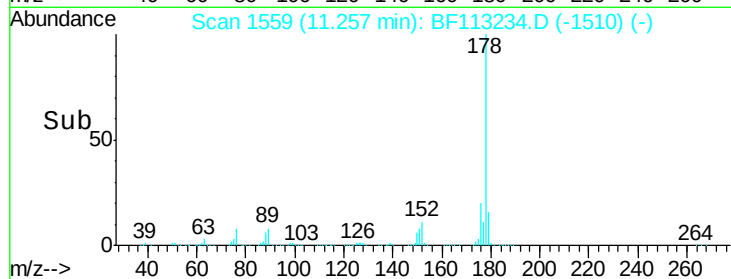
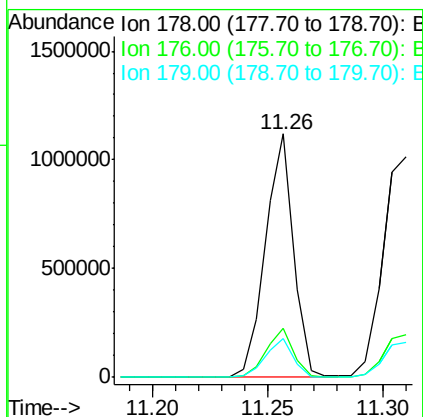
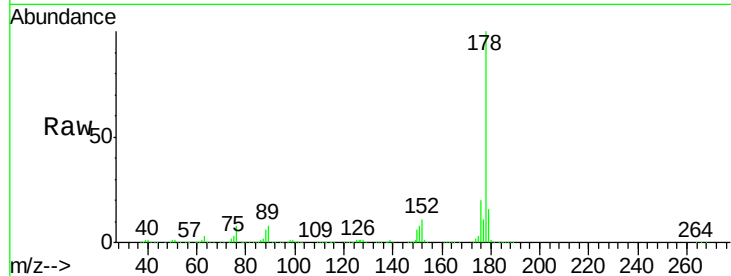
#71
Phenanthrene
Concen: 37.182 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF113234.D
Acq: 22 Mar 2019 15:00

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.3	24.5
179	15.8	12.7	19.1

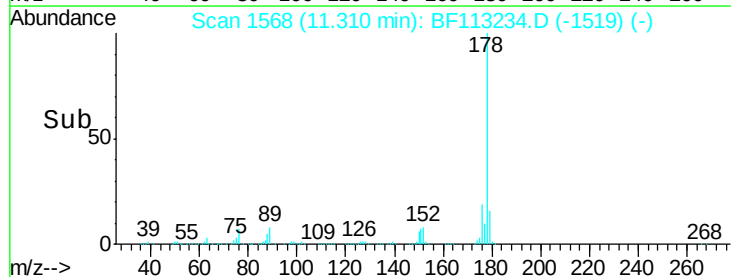
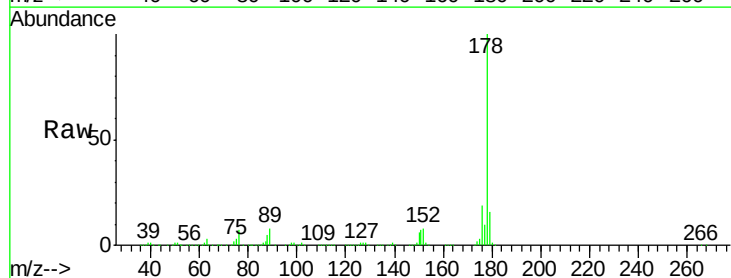
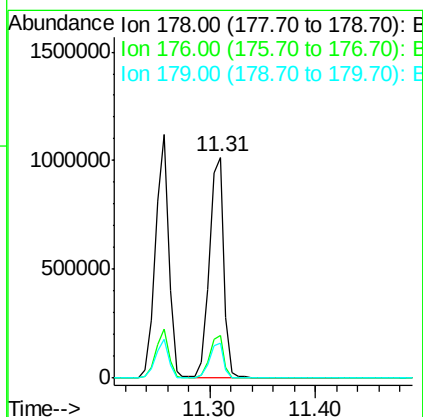
Manual Integrations
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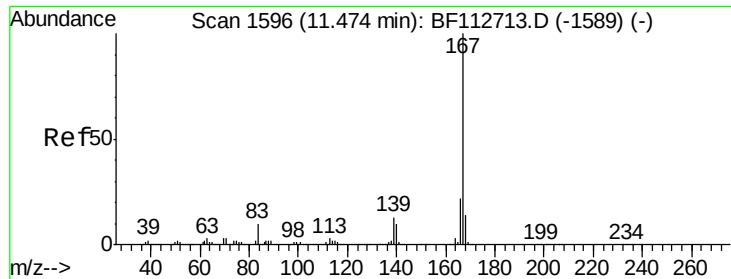
Sohil
3/25/2019 6:32:06 PM



#72
Anthracene
Concen: 36.736 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF113234.D
Acq: 22 Mar 2019 15:00

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.6
179	15.6	13.0	19.6





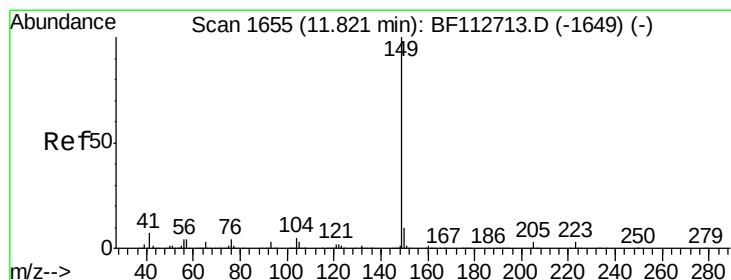
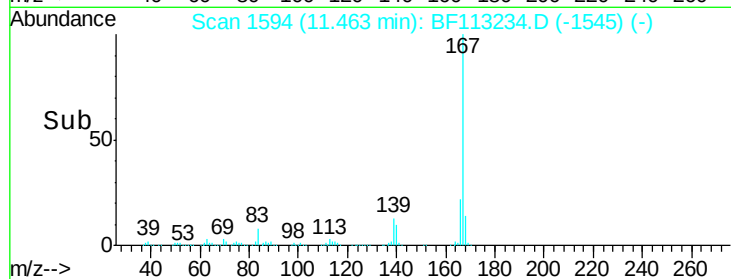
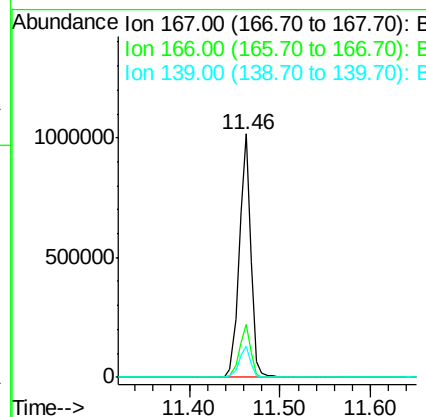
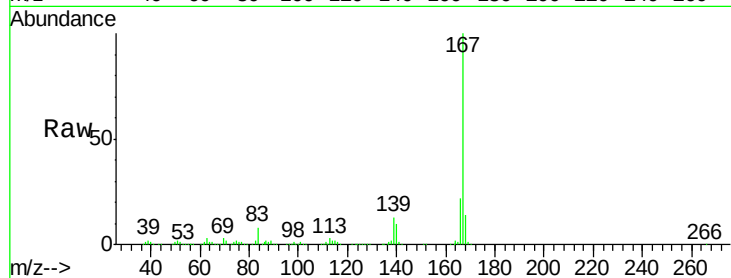
#73
 Carbazole
 Concen: 35.103 ng
 RT: 11.46 min Scan# 1594
 Delta R.T. -0.01 min
 Lab File: BF113234.D
 Acq: 22 Mar 2019 15:00

Instrument :
 BNA_F
 ClientSampleId :
 S4B(2-10)MSD

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.5	26.3
139	12.8	10.8	16.2

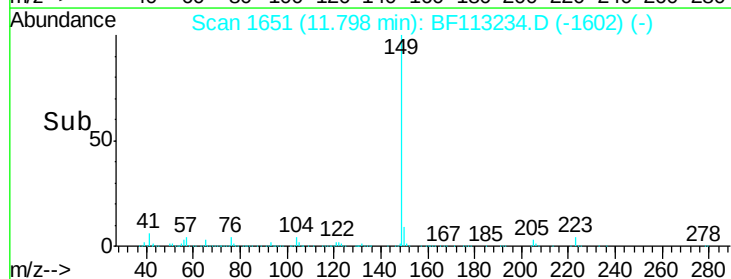
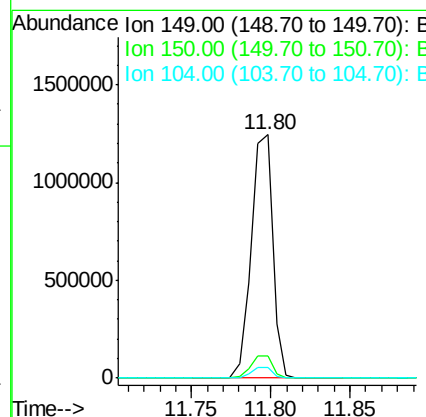
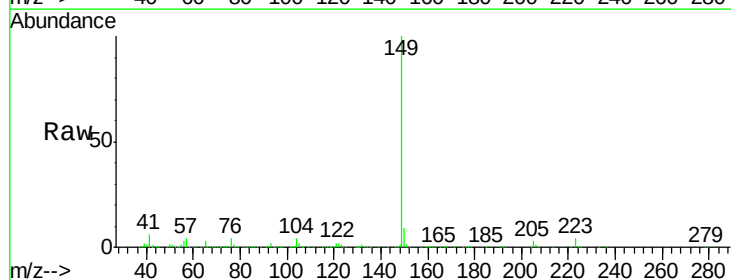
Manual Integrations
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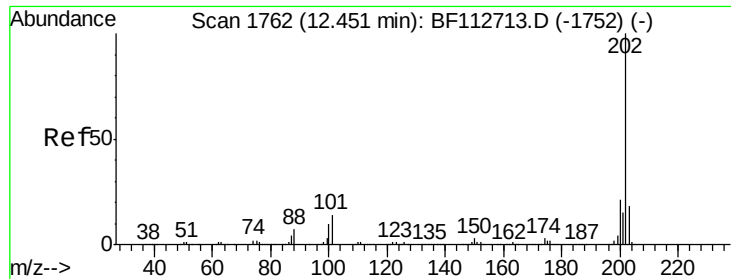
Sohil
 3/25/2019 6:32:06 PM



#74
 Di-n-butylphthalate
 Concen: 37.267 ng
 RT: 11.80 min Scan# 1651
 Delta R.T. -0.01 min
 Lab File: BF113234.D
 Acq: 22 Mar 2019 15:00

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.6	11.4
104	4.2	3.7	5.5





#75

Fluoranthene

Concen: 39.042 ng

RT: 12.44 min Scan# 1760

Delta R.T. -0.01 min

Lab File: BF113234.D

Acq: 22 Mar 2019 15:00

Instrument :

BNA_F

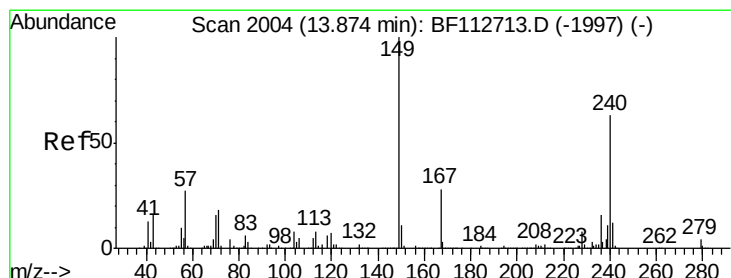
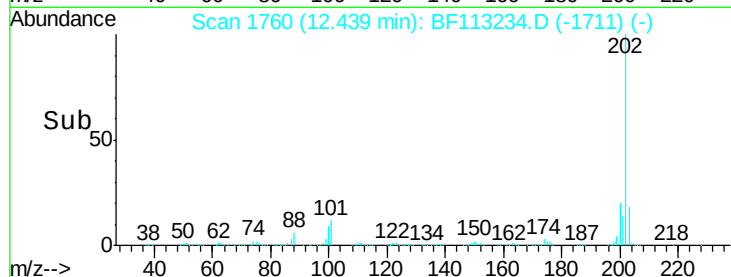
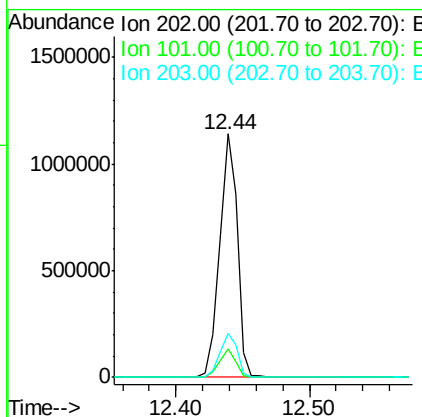
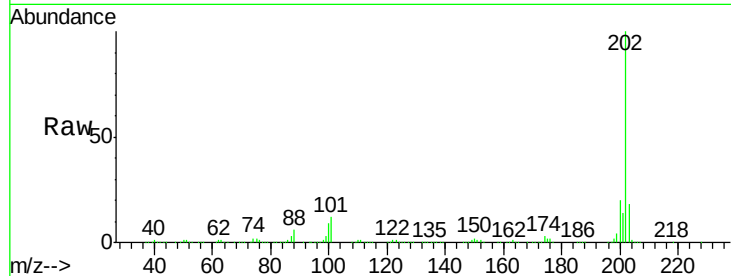
ClientSampleId :

S4B(2-10)MSD

Tgt Ion:	202	Resp:	1069669
Ion Ratio	Lower	Upper	
202	100		
101	11.6	0.0	33.8
203	17.9	0.0	38.4

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#76

Chrysene-d12

Concen: 20.000 ng

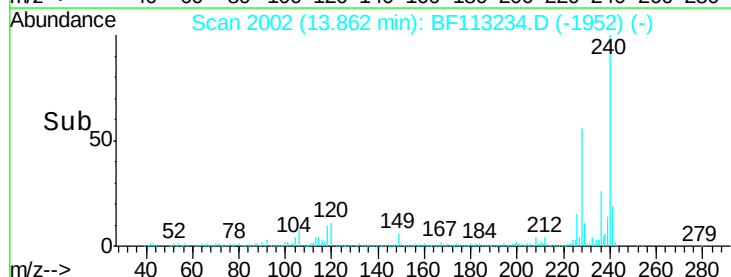
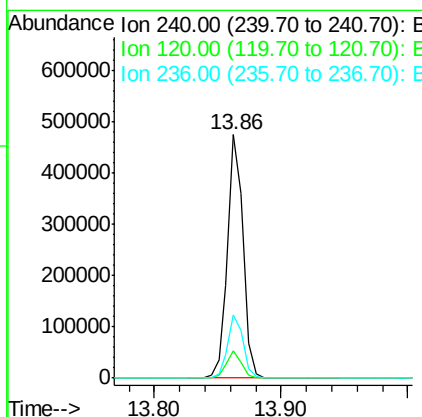
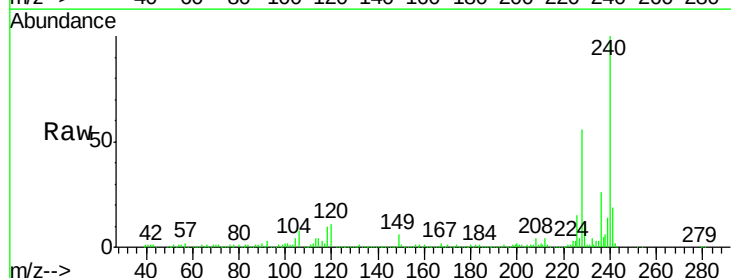
RT: 13.86 min Scan# 2002

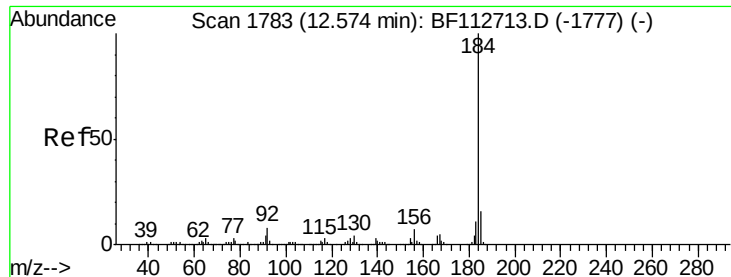
Delta R.T. -0.01 min

Lab File: BF113234.D

Acq: 22 Mar 2019 15:00

Tgt Ion:	240	Resp:	404058
Ion Ratio	Lower	Upper	
240	100		
120	11.4	8.9	13.3
236	26.0	20.7	31.1





#77

Benzidine

Concen: 18.216 ng

RT: 12.56 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BF113234.D

Acq: 22 Mar 2019 15:00

Instrument :

BNA_F

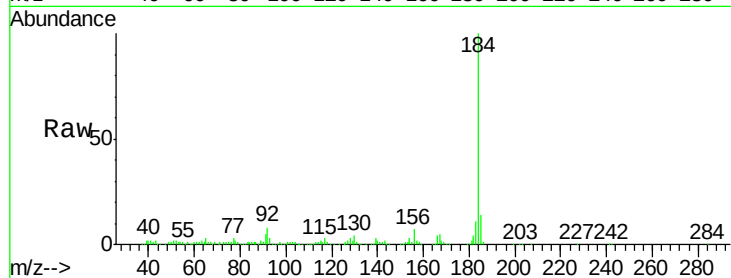
ClientSampleId :

S4B(2-10)MSD

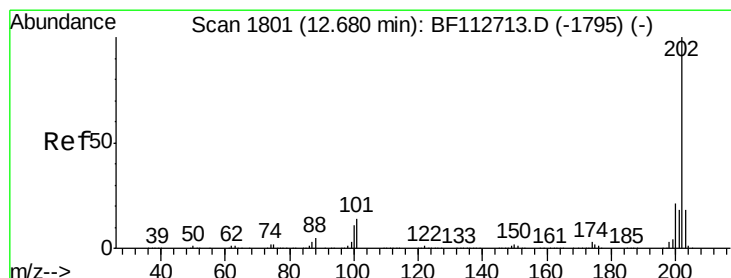
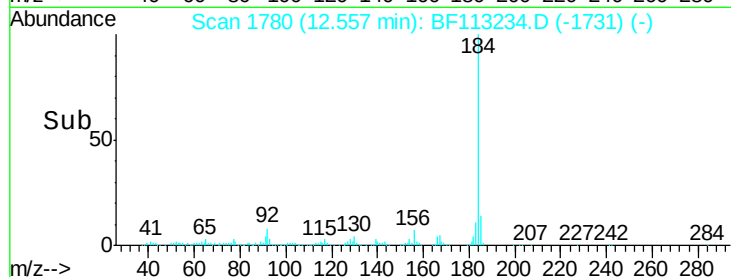
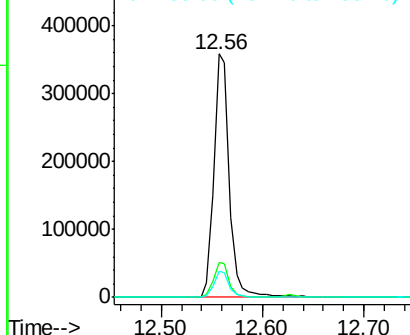
Tgt Ion:	184	Resp:	381869
Ion Ratio	Lower	Upper	
184	100		
185	14.5	12.6	18.8
183	10.5	8.6	12.8

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 31.723 ng

RT: 12.67 min Scan# 1799

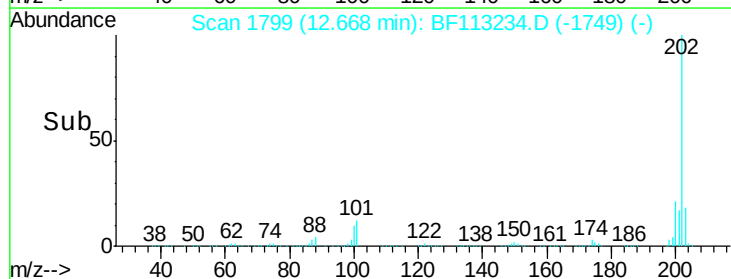
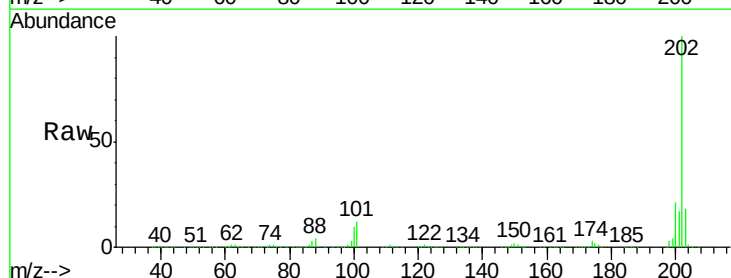
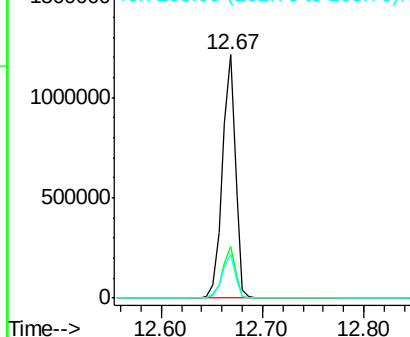
Delta R.T. -0.01 min

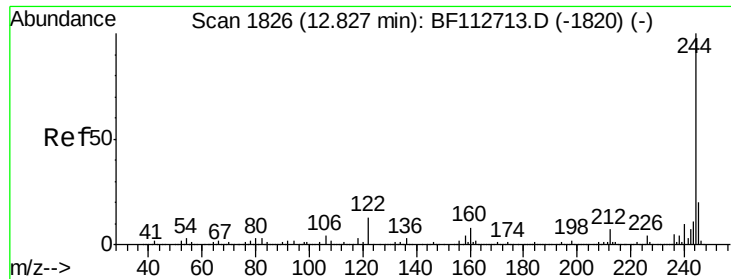
Lab File: BF113234.D

Acq: 22 Mar 2019 15:00

Tgt Ion:	202	Resp:	1080566
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.0	25.4
203	18.0	14.4	21.6

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





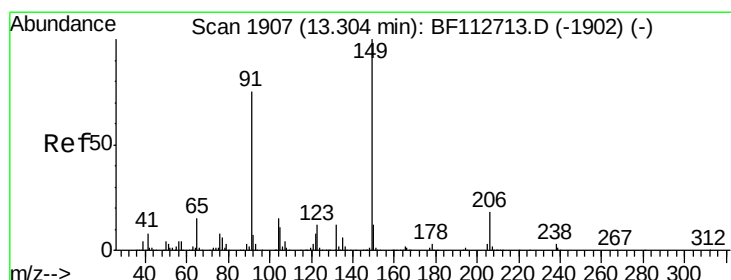
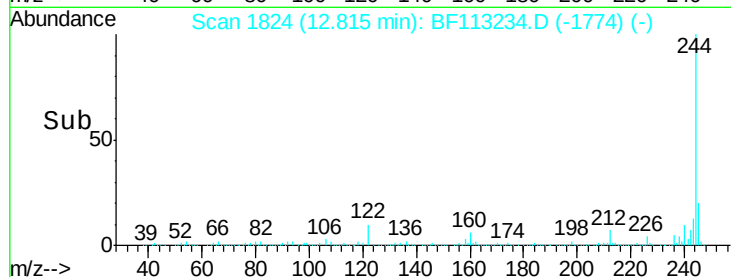
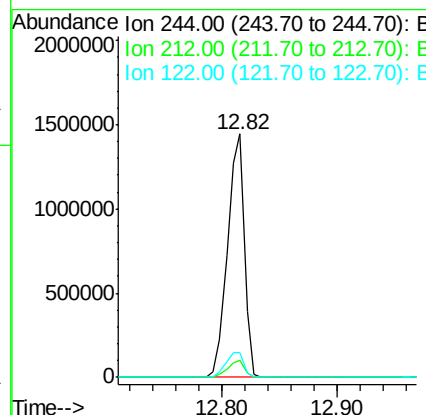
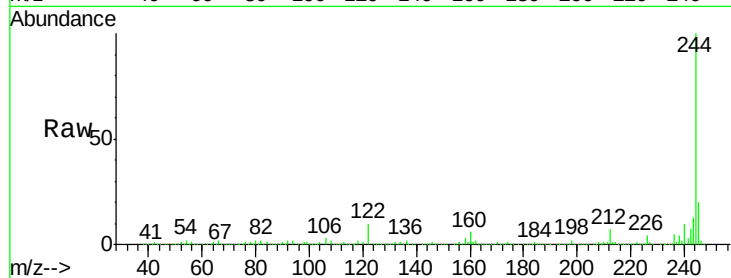
#79
 Terphenyl-d14
 Concen: 69.899 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF113234.D
 Acq: 22 Mar 2019 15:00

Instrument :
 BNA_F
 ClientSampleId :
 S4B(2-10)MSD

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	10.0	10.5	15.7

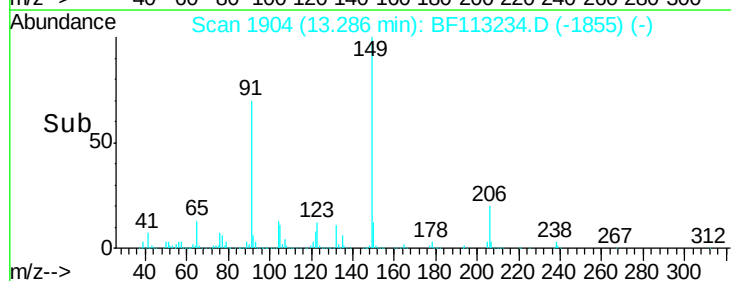
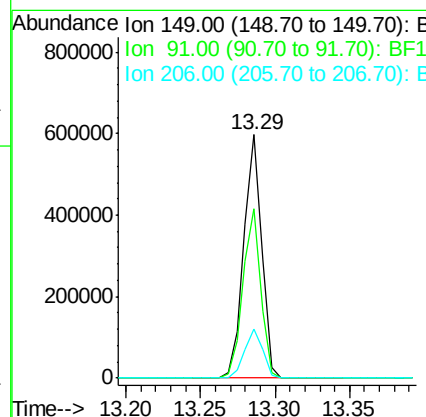
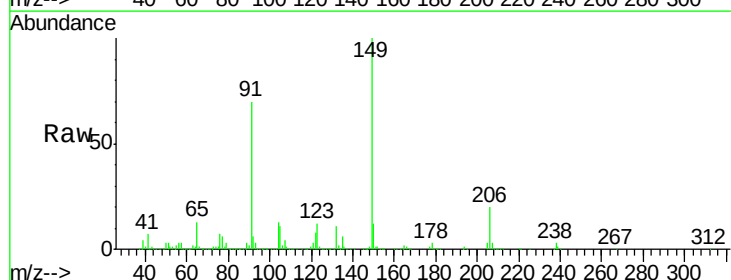
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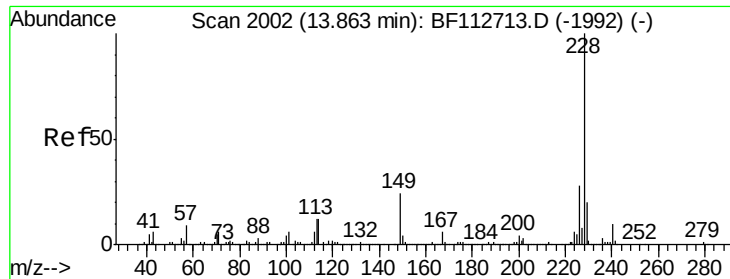
Sohil
 3/25/2019 6:32:06 PM



#80
 Butylbenzylphthalate
 Concen: 33.519 ng
 RT: 13.29 min Scan# 1904
 Delta R.T. -0.01 min
 Lab File: BF113234.D
 Acq: 22 Mar 2019 15:00

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.7	59.9	89.9
206	20.1	14.7	22.1





#81

Benzo(a)anthracene

Concen: 29.889 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.00 min

Lab File: BF113234.D

Acq: 22 Mar 2019 15:00

Instrument :

BNA_F

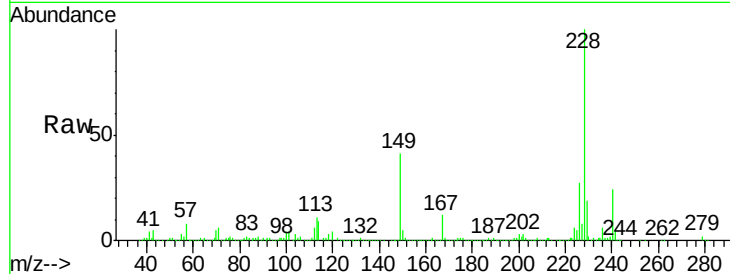
ClientSampled :

S4B(2-10)MSD

Tgt Ion:	228	Resp:	837020
Ion Ratio	Lower	Upper	
228	100		
226	26.6	22.2	33.4
229	19.2	16.0	24.0

Manual Integrations
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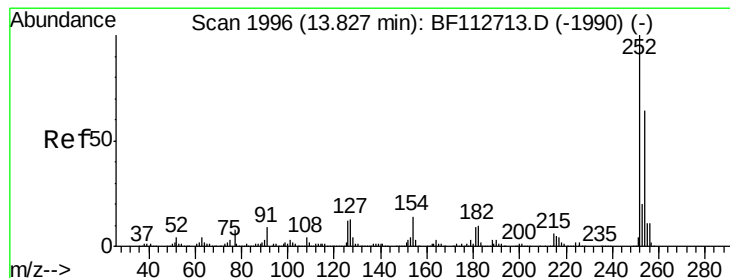
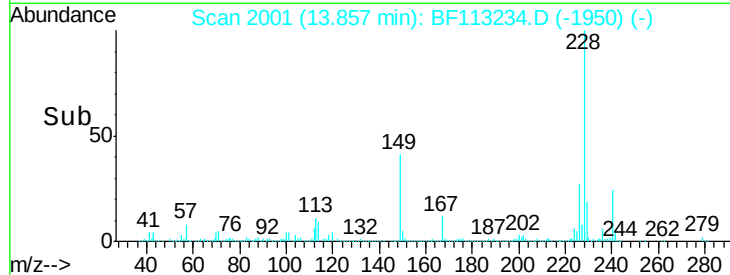
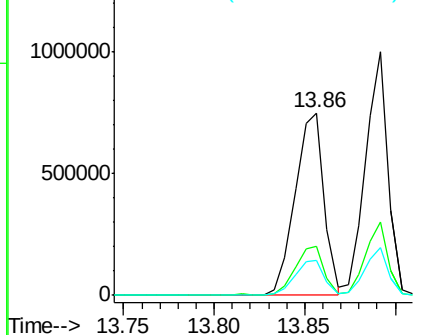
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 23.622 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BF113234.D

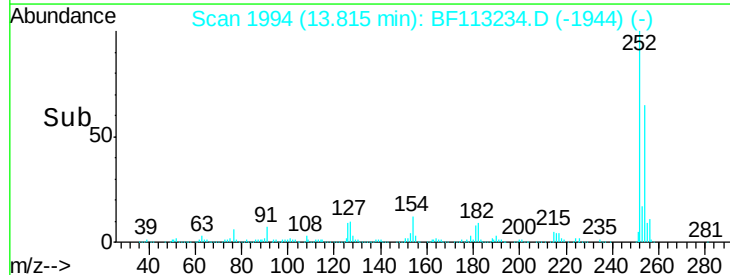
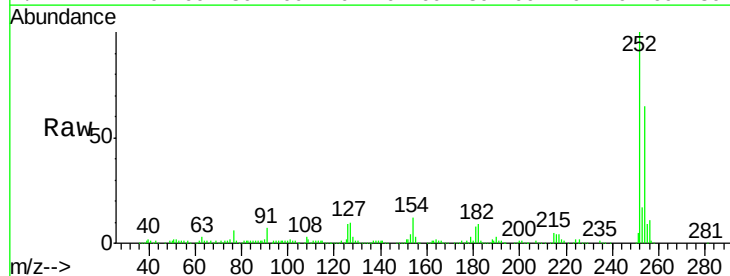
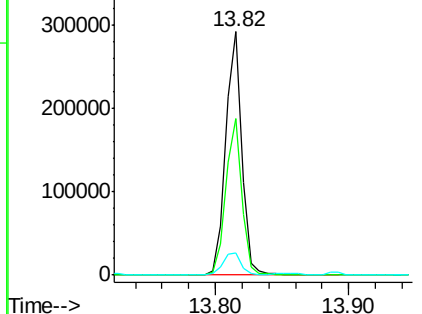
Acq: 22 Mar 2019 15:00

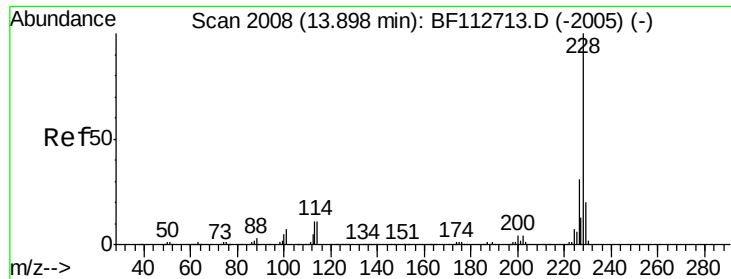
Tgt Ion:	252	Resp:	250190
Ion Ratio	Lower	Upper	
252	100		
254	64.5	51.1	76.7
126	9.3	9.9	14.9#

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





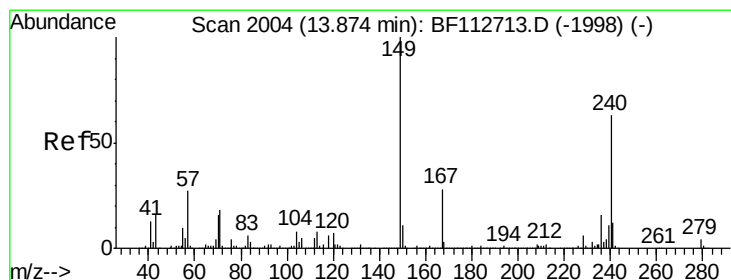
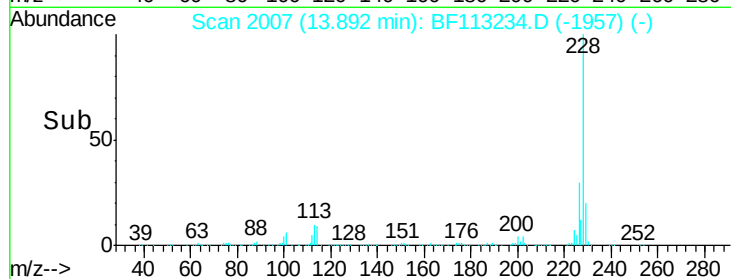
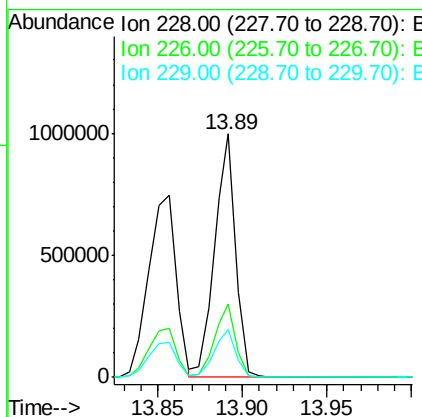
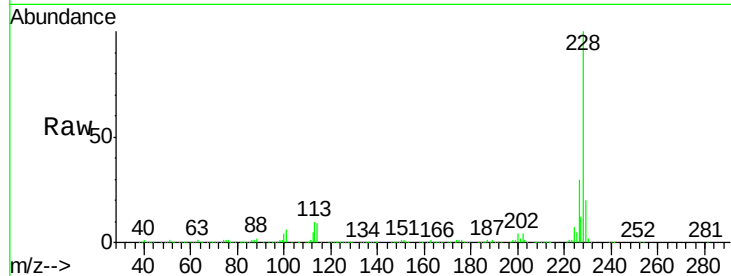
#83
Chrysene
Concen: 31.466 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF113234.D
Acq: 22 Mar 2019 15:00

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	863140		
226	30.3	24.9	37.3	
229	19.9	16.3	24.5	

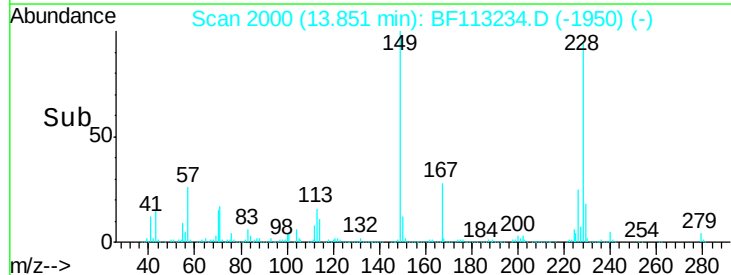
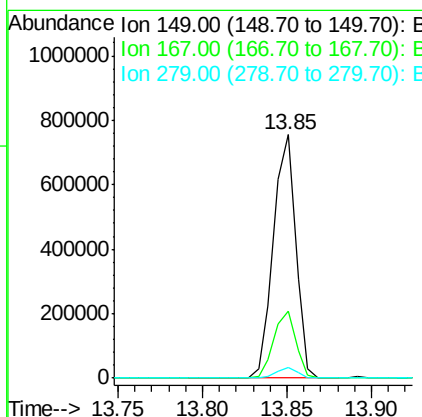
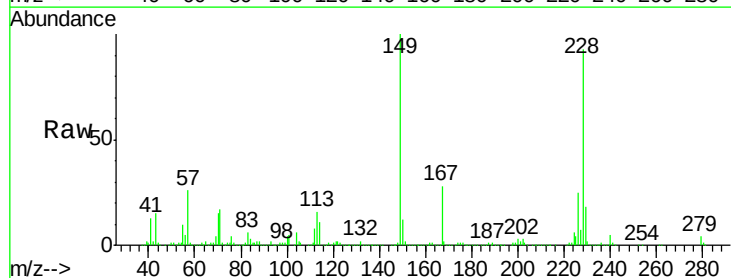
Manual Integrations
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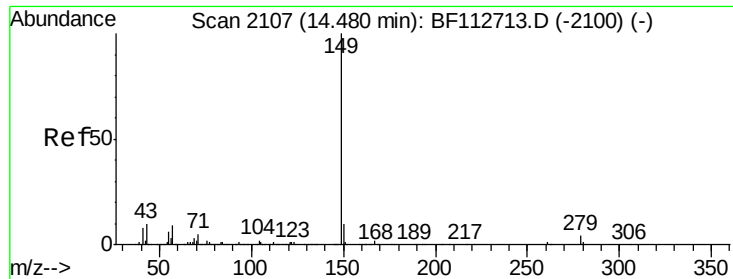
Sohil
3/25/2019 6:32:06 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 39.279 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF113234.D
Acq: 22 Mar 2019 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	692719		
167	27.5	22.4	33.6	
279	4.4	3.3	4.9	





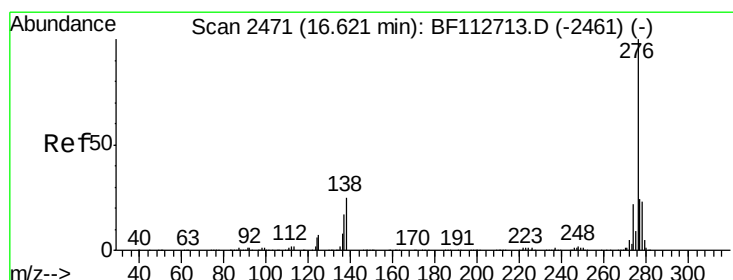
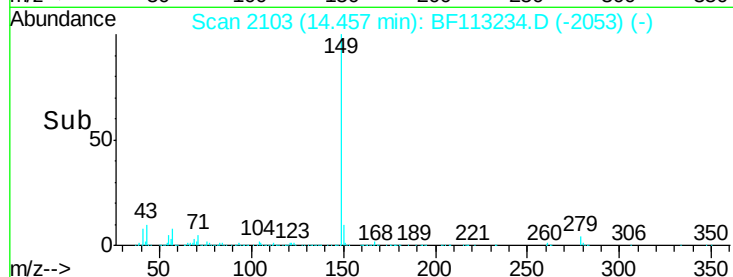
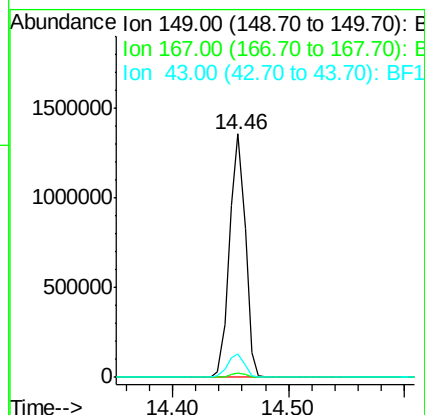
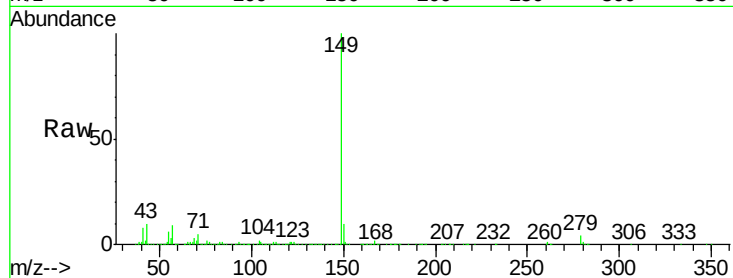
#85
Di-n-octyl phthalate
Concen: 42.295 ng
RT: 14.46 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BF113234.D
Acq: 22 Mar 2019 15:00

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.7	9.0	13.4

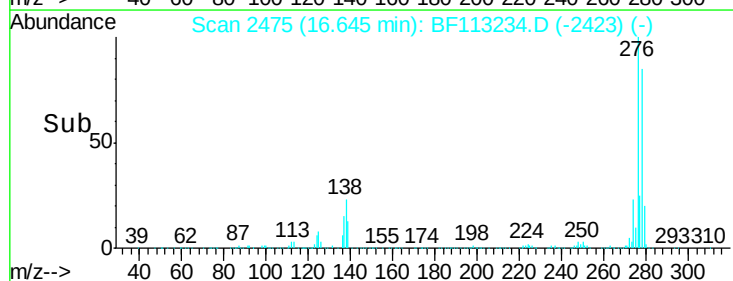
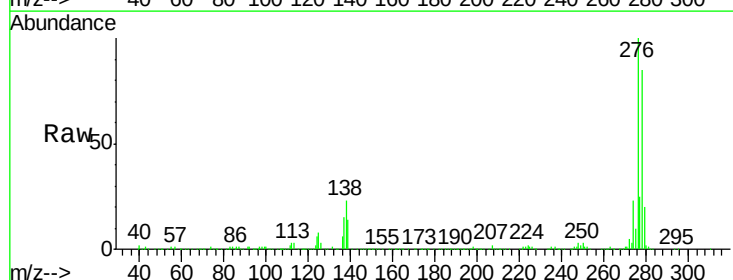
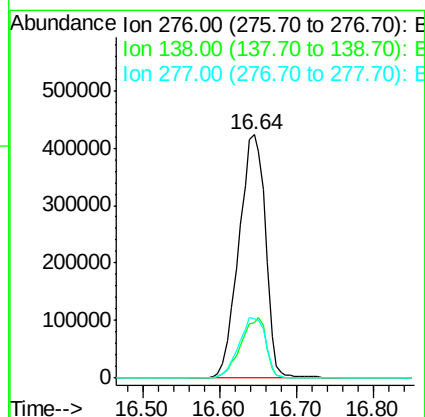
Manual Integrations
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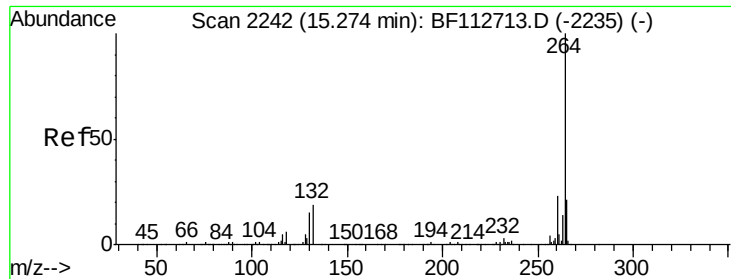
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 43.898 ng
RT: 16.64 min Scan# 2475
Delta R.T. 0.01 min
Lab File: BF113234.D
Acq: 22 Mar 2019 15:00

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.8	23.2	34.8
277	25.1	19.9	29.9





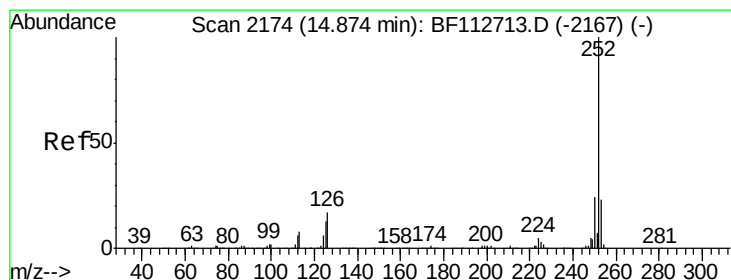
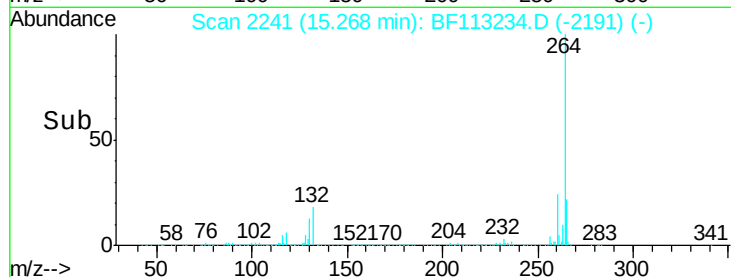
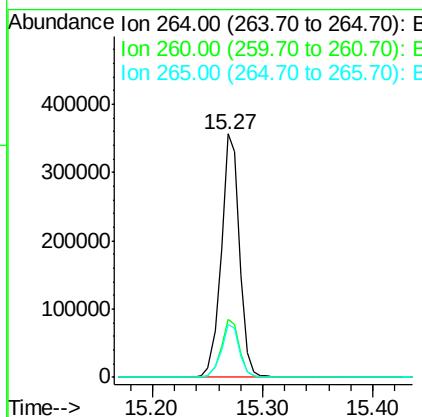
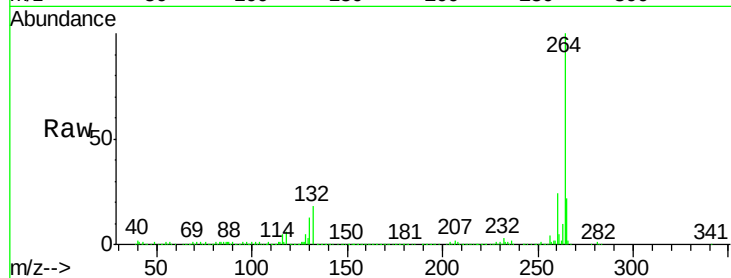
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF113234.D
Acq: 22 Mar 2019 15:00

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MSD

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	21.9	17.2	25.8

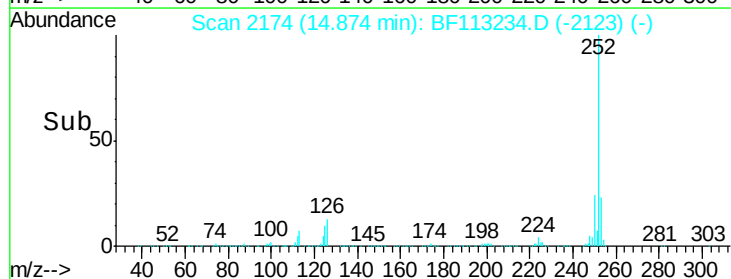
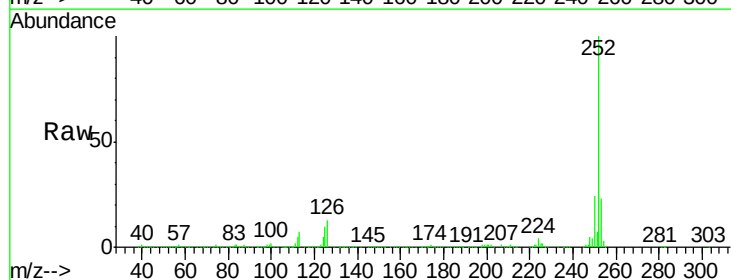
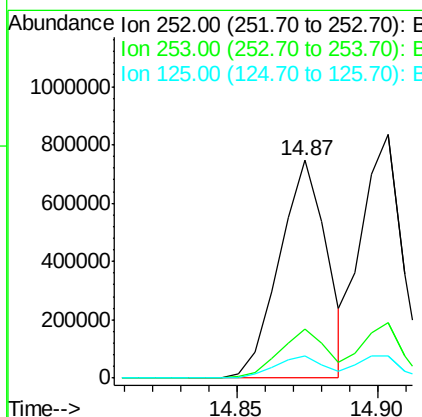
Manual Integrations
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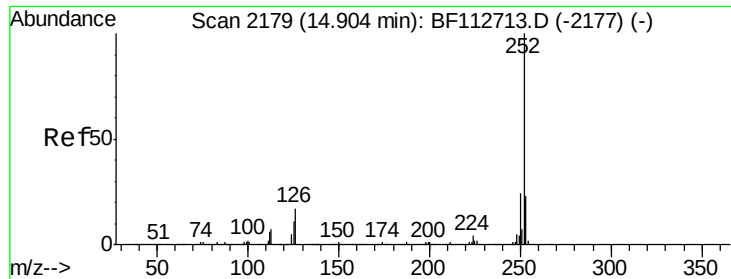
Sohil
3/25/2019 6:32:06 PM



#88
Benzo(b)fluoranthene
Concen: 32.803 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BF113234.D
Acq: 22 Mar 2019 15:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	10.2	10.2	15.2





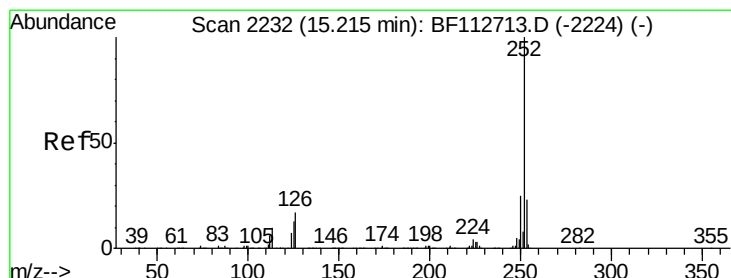
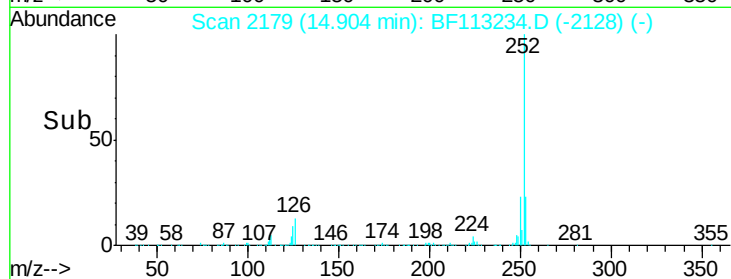
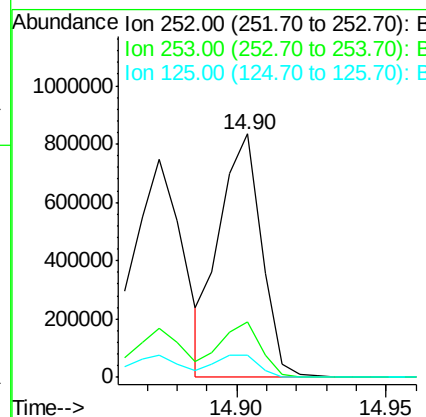
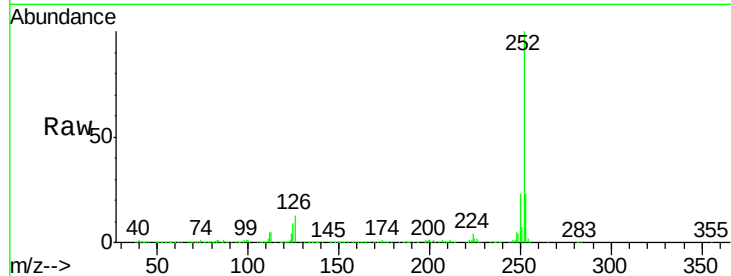
#89
Benzo(k)fluoranthene
Concen: 33.842 ng m
RT: 14.90 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BF113234.D
Acq: 22 Mar 2019 15:00

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	9.2	9.8	14.6

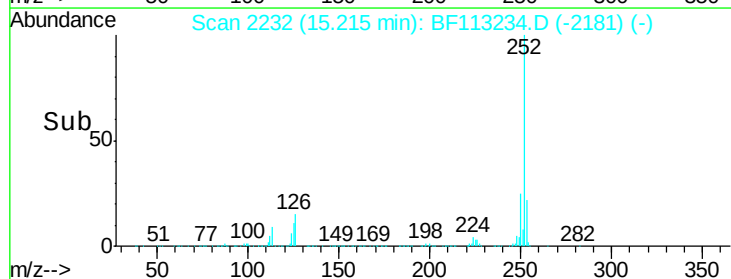
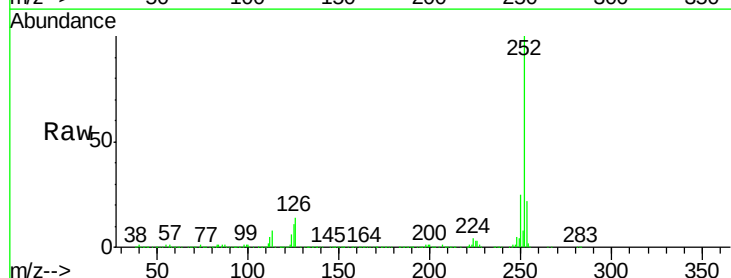
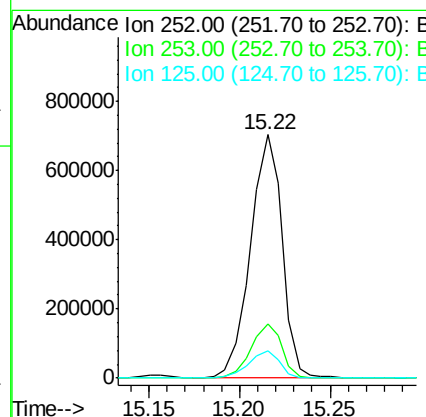
Manual Integrations
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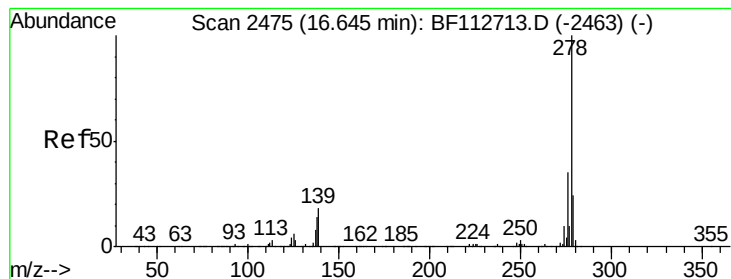
Sohil
3/25/2019 6:32:06 PM



#90
Benzo(a)pyrene
Concen: 36.214 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BF113234.D
Acq: 22 Mar 2019 15:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	11.1	10.7	16.1





#91

Dibenzo(a,h)anthracene

Concen: 42.513 ng

RT: 16.66 min Scan# 2477

Delta R.T. 0.01 min

Lab File: BF113234.D

Acq: 22 Mar 2019 15:00

Instrument :

BNA_F

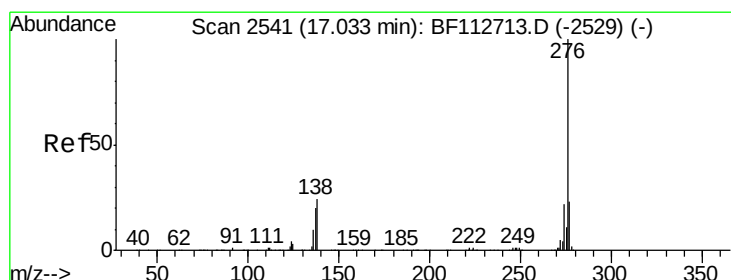
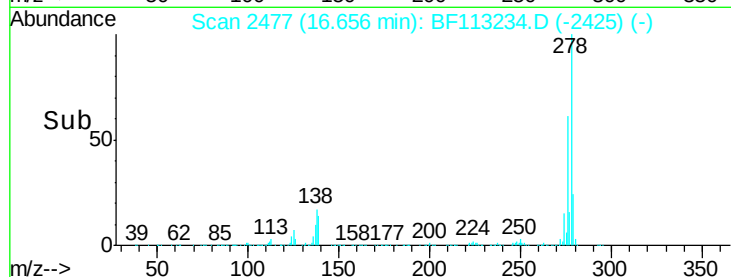
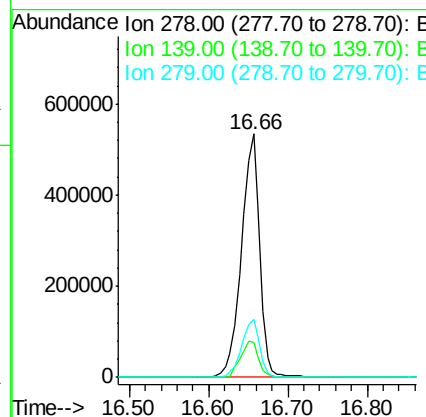
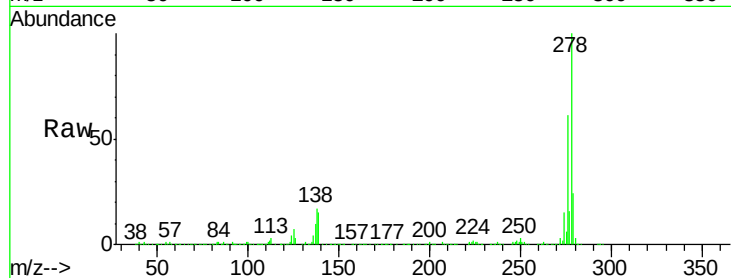
ClientSampleId :

S4B(2-10)MSD

Tgt Ion:	278	Resp:	853649
Ion Ratio	Lower	Upper	
278	100		
139	14.5	14.3	21.5
279	23.8	19.4	29.0

Manual Integrations
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3/25/2019 6:32:06 PM



#92

Benzo(g,h,i)perylene

Concen: 46.002 ng

RT: 17.05 min Scan# 2544

Delta R.T. 0.01 min

Lab File: BF113234.D

Acq: 22 Mar 2019 15:00

Tgt Ion:	276	Resp:	927523
Ion Ratio	Lower	Upper	
276	100		
277	23.5	18.6	27.8
138	20.4	19.4	29.0

