

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120417\
 Data File : BF101098.D
 Acq On : 4 Dec 2017 15:22
 Operator : SJ/JU
 Sample : I6699-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-3874MSD

Manual Integrations
 APPROVED

Sohil
 12/5/2017 3:24:24 PM

Quant Time: Dec 04 16:17:53 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	54847	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	212205	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	96340	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	158385	20.00	ng	0.00
75) Chrysene-d12	14.03	240	117301	20.00	ng	0.00
86) Perylene-d12	15.50	264	115649	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	342903	103.31	ng	0.01
7) Phenol-d6	6.49	99	413986	102.73	ng	0.01
23) Nitrobenzene-d5	7.42	82	253606	71.29	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	105031	90.75	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	471800	67.00	ng	0.00
78) Terphenyl-d14	12.96	244	371576	69.29	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.67	88	40847	29.76	ng	# 92
3) Pyridine	3.44	79	111431	31.32	ng	96
4) n-Nitrosodimethylamine	3.39	42	60649	34.90	ng	# 91
6) Aniline	6.52	93	77533	14.80	ng	99
8) 2-Chlorophenol	6.64	128	123410	34.10	ng	94
9) Benzaldehyde	6.40	77	46182	18.72	ng	97
10) Phenol	6.50	94	157374	35.12	ng	94
11) bis(2-Chloroethyl)ether	6.59	93	107998	32.13	ng	95
12) 1,3-Dichlorobenzene	6.79	146	137965	32.74	ng	97
13) 1,4-Dichlorobenzene	6.86	146	140064	32.10	ng	98
14) 1,2-Dichlorobenzene	7.02	146	131460	32.30	ng	97
15) Benzyl Alcohol	6.99	79	103904	33.38	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	173040	37.88	ng	94
17) 2-Methylphenol	7.10	107	99960	34.21	ng	96
18) Hexachloroethane	7.36	117	38121	27.20	ng	94
19) n-Nitroso-di-n-propylamine	7.26	70	81558	30.05	ng	95
20) 3+4-Methylphenols	7.26	107	126409	33.17	ng	# 62
22) Acetophenone	7.26	105	159691	31.15	ng	# 88
24) Nitrobenzene	7.43	77	122210	35.05	ng	98
25) Isophorone	7.67	82	216399	35.61	ng	96
26) 2-Nitrophenol	7.75	139	62410	32.61	ng	94
27) 2,4-Dimethylphenol	7.79	122	106208	38.36	ng	100
28) bis(2-Chloroethoxy)methane	7.88	93	136420	33.40	ng	100
29) 2,4-Dichlorophenol	7.99	162	107158	35.56	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	111162	33.55	ng	94
31) Naphthalene	8.16	128	347265	33.20	ng	99
32) Benzoic acid	7.87	122	8414	3.91	ng	94
33) 4-Chloroaniline	8.20	127	43206	10.28	ng	98
34) Hexachlorobutadiene	8.26	225	65431	32.19	ng	95
35) Caprolactam	8.57	113	32803m	34.93	ng	
36) 4-Chloro-3-methylphenol	8.69	107	107796	34.53	ng	100
37) 2-Methylnaphthalene	8.85	142	239303	33.67	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	107817	30.81	ng	# 97
40) Hexachlorocyclopentadiene	8.99	237	8288	14.01	ng	91

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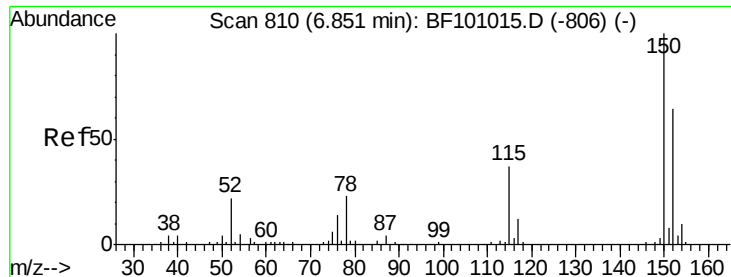
Manual Integrations
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 12/5/2017 3:24:24 PM

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	76094	37.09	nq	99
43) 2,4,5-Trichlorophenol	9.17	196	79529	36.26	nq #	89
45) 1,1'-Biphenyl	9.31	154	269734	30.56	nq	96
46) 2-Chloronaphthalene	9.34	162	218925	34.92	nq	94
47) 2-Nitroaniline	9.43	65	69484	37.47	nq	94
48) Acenaphthylene	9.75	152	332269	32.25	nq	99
49) Dimethylphthalate	9.61	163	308757	39.74	nq	99
50) 2,6-Dinitrotoluene	9.67	165	54356	33.22	nq	98
51) Acenaphthene	9.93	154	193368	31.35	nq	97
52) 3-Nitroaniline	9.85	138	50490	27.44	nq	99
53) 2,4-Dinitrophenol	9.96	184	4467	9.82	nq #	22
54) Dibenzofuran	10.10	168	292028	32.85	nq	99
55) 4-Nitrophenol	10.02	139	76807	61.89	nq	98
56) 2,4-Dinitrotoluene	10.09	165	68717	31.33	nq	88
57) Fluorene	10.44	166	228500	31.62	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	60449	34.42	nq #	86
59) Diethylphthalate	10.31	149	247490	32.29	nq	96
60) 4-Chlorophenyl-phenylether	10.43	204	110936	31.09	nq	94
61) 4-Nitroaniline	10.46	138	48046	25.15	nq	93
62) Azobenzene	10.59	77	197505	30.37	nq	90
64) 4,6-Dinitro-2-methylphenol	10.50	198	5587	5.26	nq #	80
65) n-Nitrosodiphenylamine	10.55	169	211922	37.93	nq	94
66) 4-Bromophenyl-phenylether	10.92	248	66142	37.31	nq #	87
67) Hexachlorobenzene	10.99	284	66504	35.00	nq #	91
68) Atrazine	11.08	200	66282	38.67	nq	96
69) Pentachlorophenol	11.19	266	59190	56.66	nq	99
70) Phenanthrene	11.41	178	370527	42.48	nq	99
71) Anthracene	11.46	178	317270	35.94	nq	98
72) Carbazole	11.62	167	252771	31.34	nq	97
73) Di-n-butylphthalate	11.93	149	355666	35.18	nq	98
74) Fluoranthene	12.60	202	405579	41.95	nq	97
76) Benzidine	12.72	184	66322	17.39	nq	96
77) Pyrene	12.83	202	390806	48.28	nq	99
79) Butylbenzylphthalate	13.43	149	121300	33.99	nq	93
80) Benzo(a)anthracene	14.02	228	305667	41.27	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	58895	22.96	nq #	98
82) Chrysene	14.05	228	282312	41.04	nq	97
83) Bis(2-ethylhexyl)phthalate	13.99	149	187455	36.84	nq	99
84) Di-n-octyl phthalate	14.60	149	277613	32.77	nq	99
85) Indeno(1,2,3-cd)pyrene	16.99	276	229527	37.53	nq #	91
87) Benzo(b)fluoranthene	15.07	252	312339	45.09	nq	99
88) Benzo(k)fluoranthene	15.10	252	228873m	33.54	nq	
89) Benzo(a)pyrene	15.44	252	259812	41.26	nq	98
90) Dibenzo(a,h)anthracene	17.00	278	171371	30.87	nq #	95
91) Benzo(g,h,i)perylene	17.44	276	179323	34.27	nq #	91

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



#1

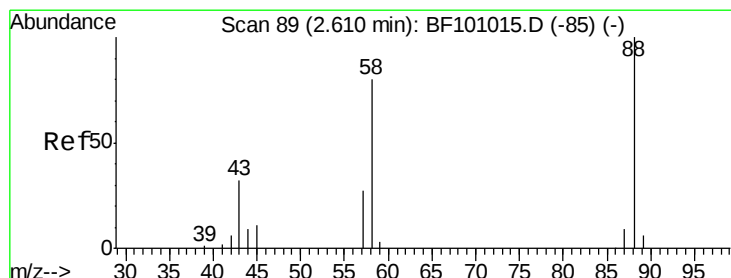
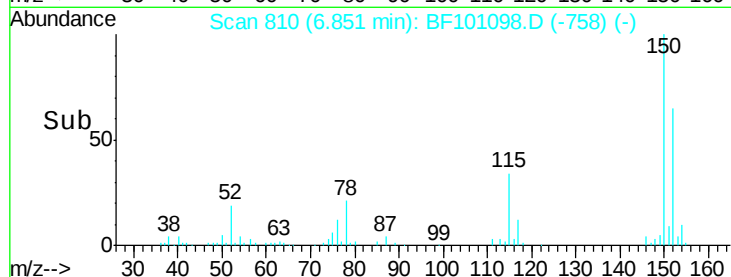
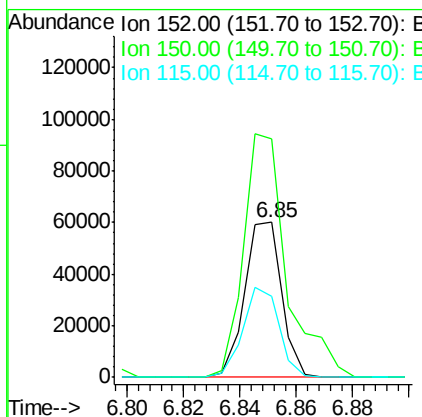
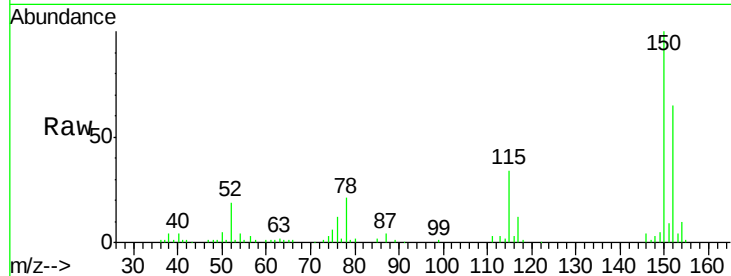
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.01 min
Lab File: BF101098.D
Acq: 4 Dec 2017 15:22

Instrument :
BNA_F
ClientSampleId :
RT-3874MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.6	186.8
115	52.4	50.1	75.1

Manual Integrations
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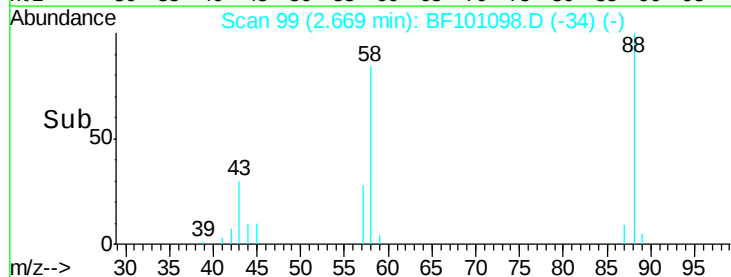
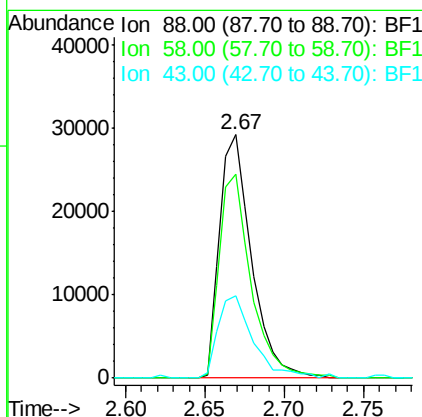
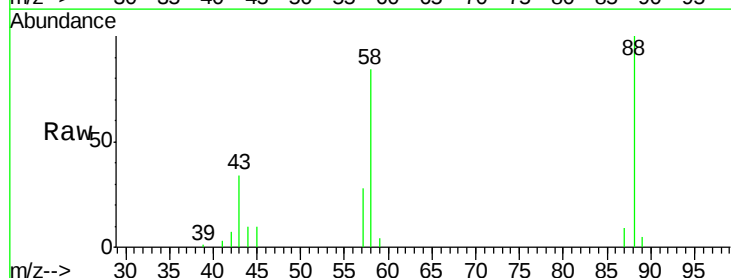
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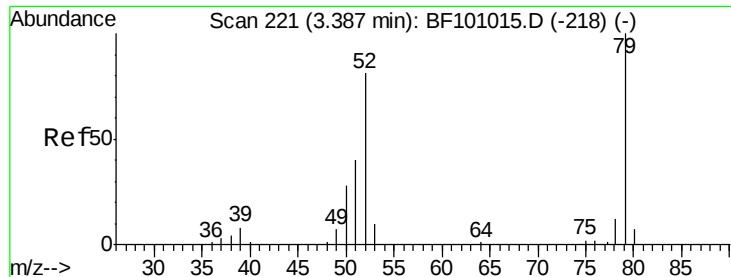


#2

1,4-Dioxane
Concen: 29.76 ng
RT: 2.67 min Scan# 99
Delta R.T. 0.08 min
Lab File: BF101098.D
Acq: 4 Dec 2017 15:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.6	62.6	93.8
43	37.4	24.6	37.0





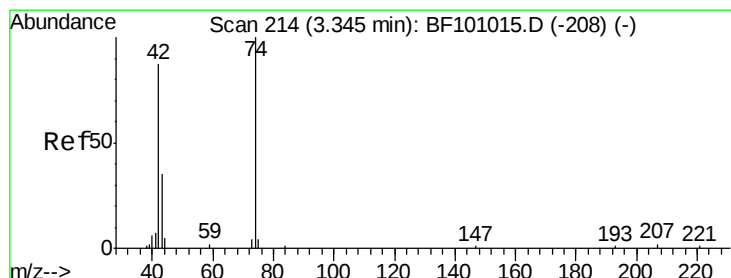
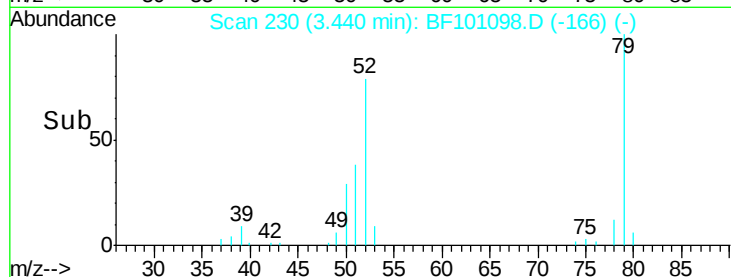
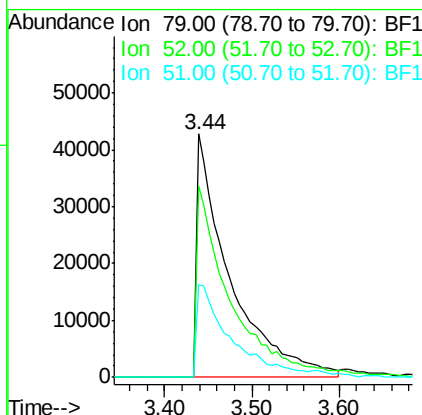
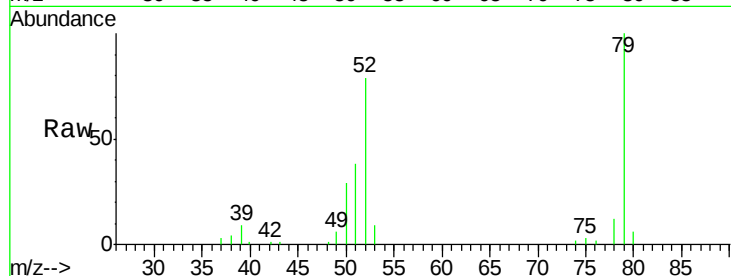
#3
 Pvridine
 Concen: 31.32 ng
 RT: 3.44 min Scan# 230
 Delta R.T. 0.08 min
 Lab File: BF101098.D
 Acq: 4 Dec 2017 15:22

Instrument :
 BNA_F
 ClientSampleId :
 RT-3874MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	78.6	59.8	89.6
51	38.2	29.8	44.8

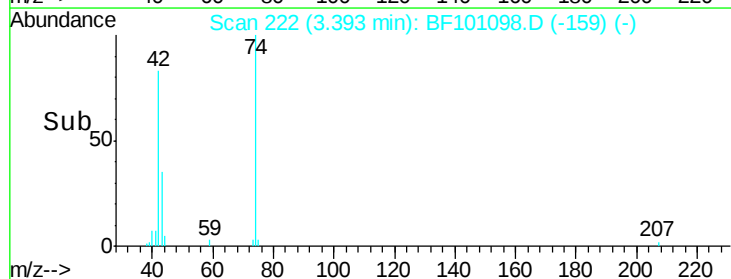
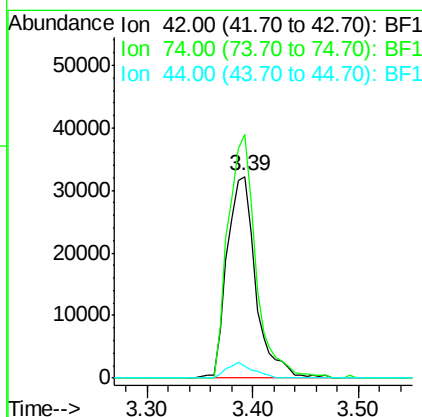
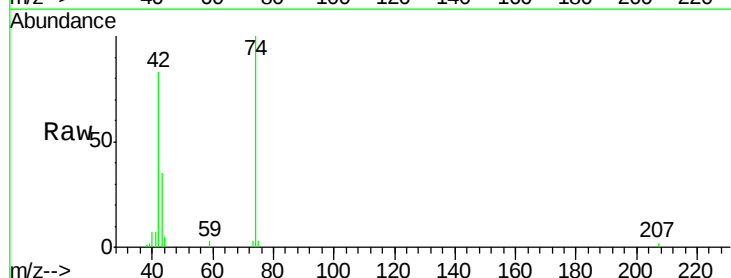
Manual Integrations
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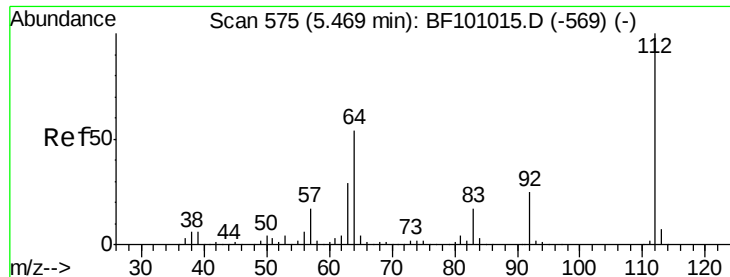
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#4
 n-Nitrosodimethylamine
 Concen: 34.90 ng
 RT: 3.39 min Scan# 222
 Delta R.T. 0.07 min
 Lab File: BF101098.D
 Acq: 4 Dec 2017 15:22

Tgt Ion	Ratio	Lower	Upper
42	100		
74	120.7	104.9	157.3
44	5.9	6.9	10.3





#5

2-Fluorophenol

Concen: 103.31 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF101098.D

Acq: 4 Dec 2017 15:22

Instrument :

BNA_F

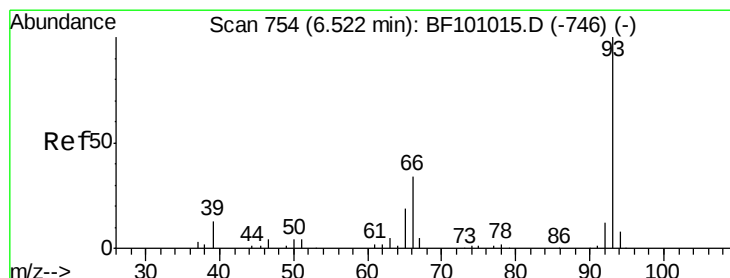
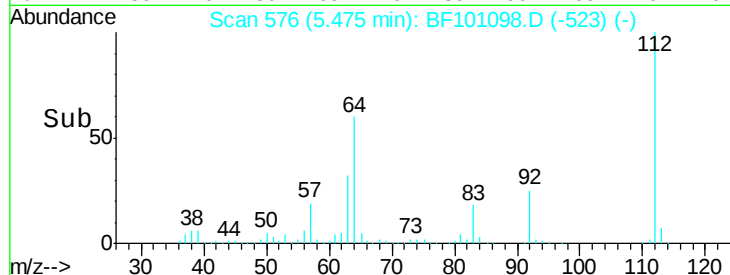
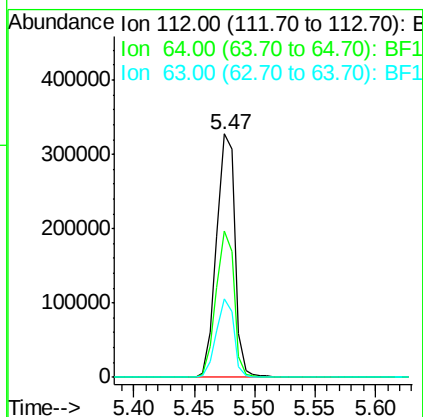
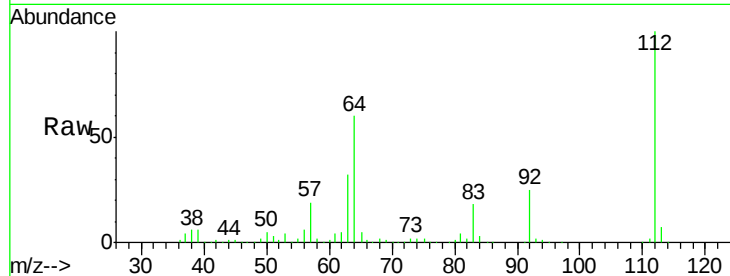
ClientSampleId :

RT-3874MSD

Tot Ion:	112	Resp:	342903
Ion Ratio	Lower	Upper	
112	100		
64	60.2	47.9	71.9
63	32.1	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 14.80 ng

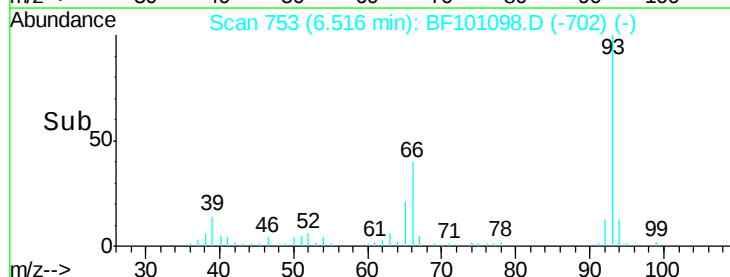
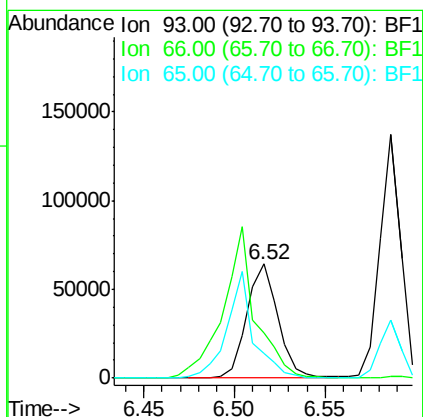
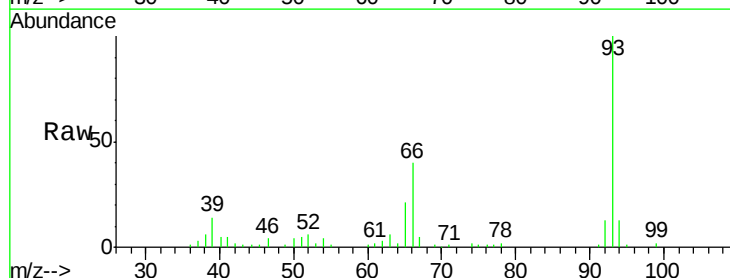
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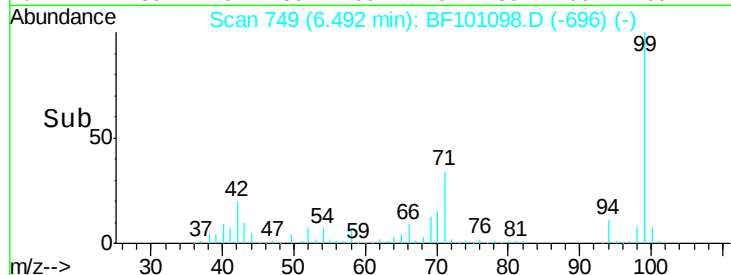
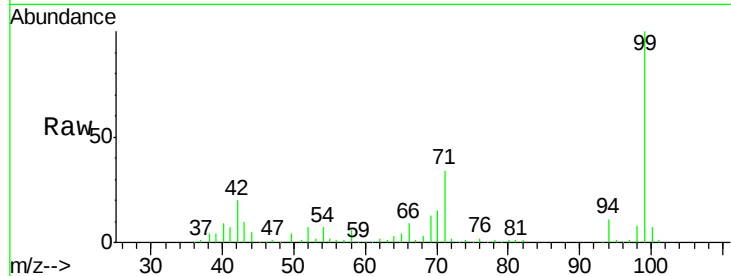
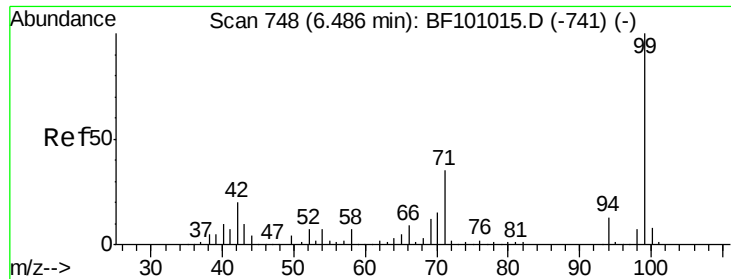
Delta R.T. 0.00 min

Lab File: BF101098.D

Acq: 4 Dec 2017 15:22

Tgt Ion:	93	Resp:	77533
Ion Ratio	Lower	Upper	
93	100		
66	40.1	32.2	48.2
65	21.3	16.4	24.6





#7

Phenol-d6

Concen: 102.73 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF101098.D

Acq: 4 Dec 2017 15:22

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		413986		
42	20.1	14.5	21.7		
71	34.3	25.4	38.0		

Instrument :

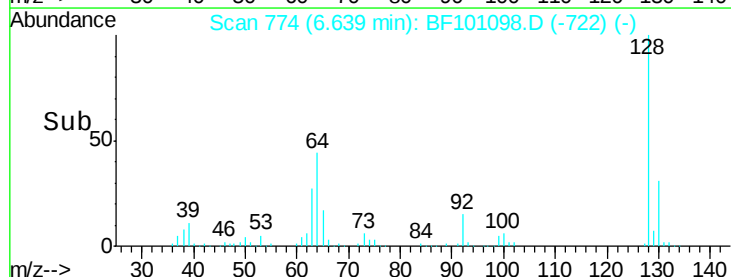
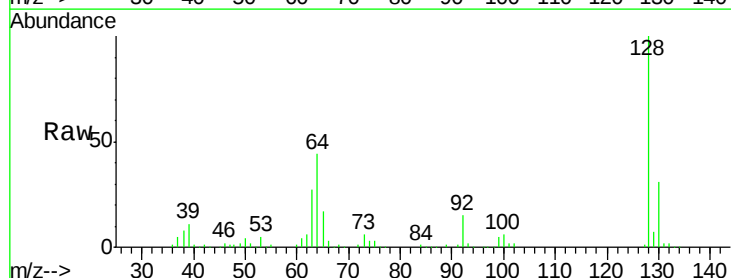
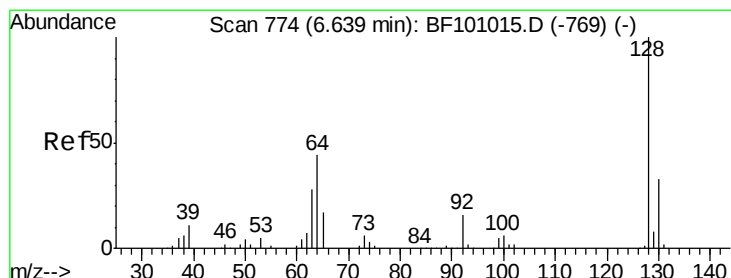
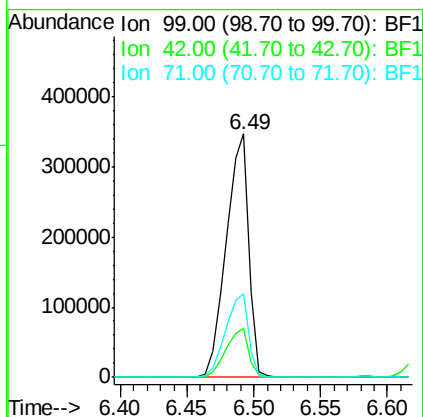
BNA_F

ClientSampleId :

RT-3874MSD

Manual Integrations
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#8

2-Chlorophenol

Concen: 34.10 ng

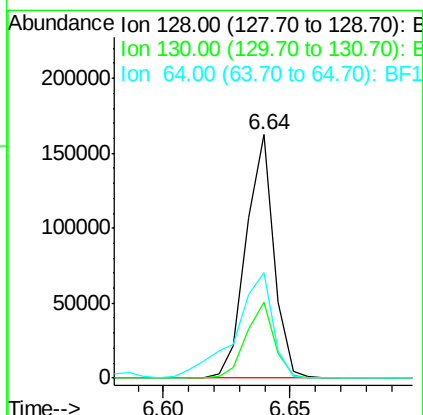
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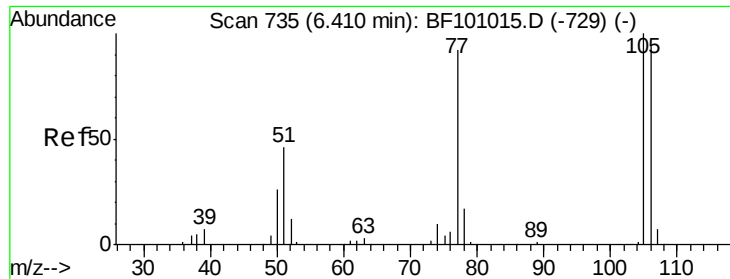
Delta R.T. 0.01 min

Lab File: BF101098.D

Acq: 4 Dec 2017 15:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		123410		
130	31.3	13.0	53.0		
64	43.5	29.4	69.4		





#9

Benzaldehyde

Concen: 18.72 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF101098.D

Acq: 4 Dec 2017 15:22

Instrument :

BNA_F

ClientSampleId :

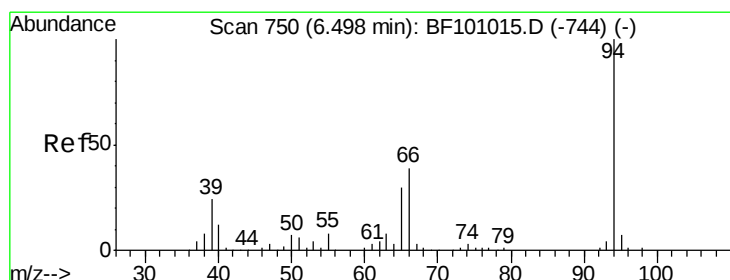
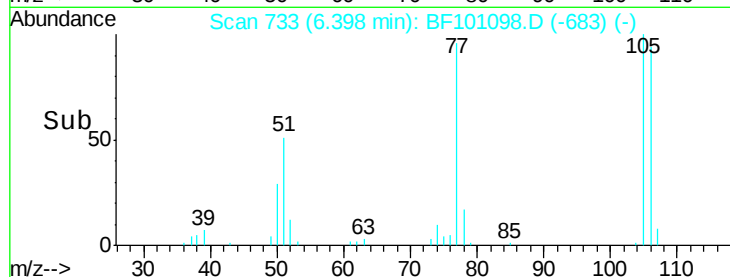
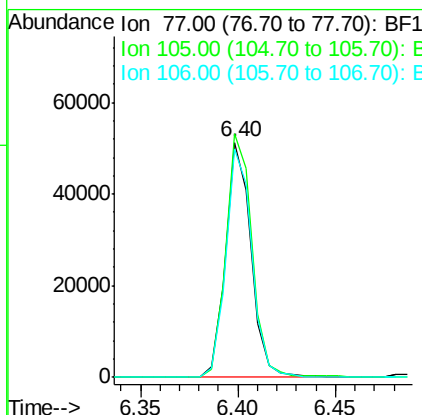
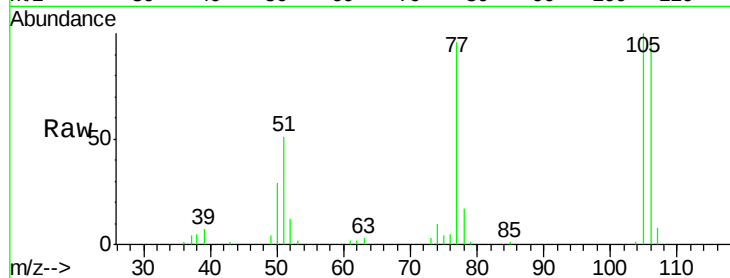
RT-3874MSD

Tot Ion: 77 Resp: 46182

Ion	Ratio	Lower	Upper
77	100		
105	103.7	81.1	121.1
106	97.2	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 35.12 ng

RT: 6.50 min Scan# 751

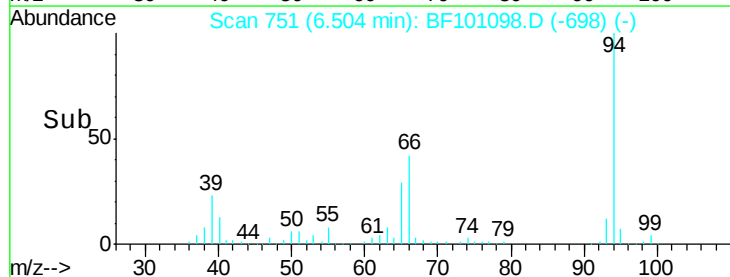
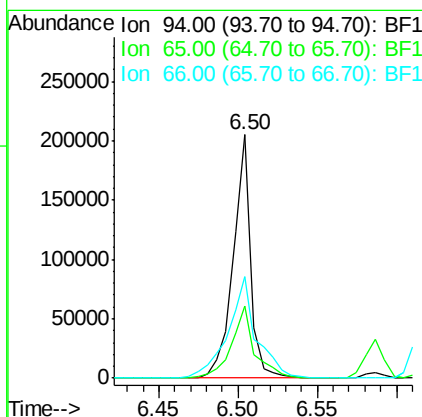
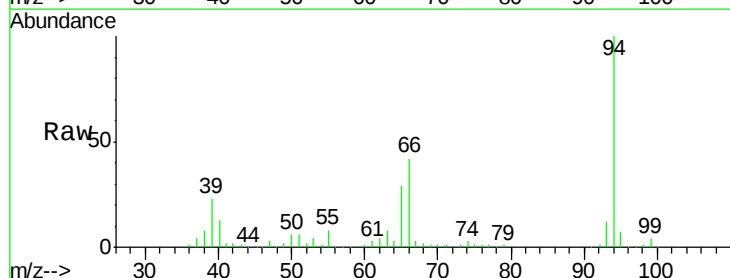
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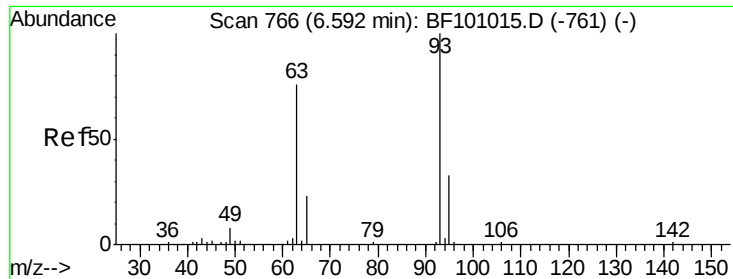
Lab File: BF101098.D

Acq: 4 Dec 2017 15:22

Tgt Ion: 94 Resp: 157374

Ion	Ratio	Lower	Upper
94	100		
65	29.4	7.9	47.9
66	41.6	16.2	56.2





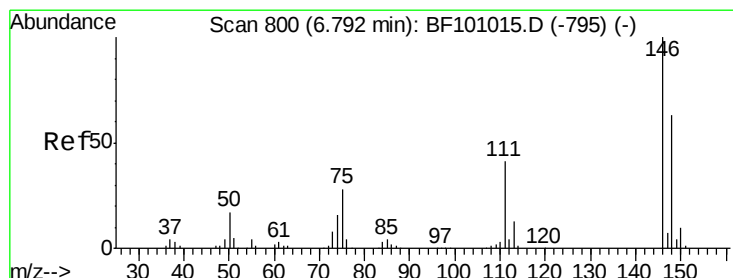
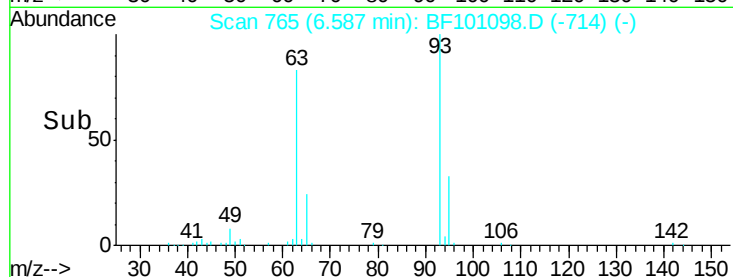
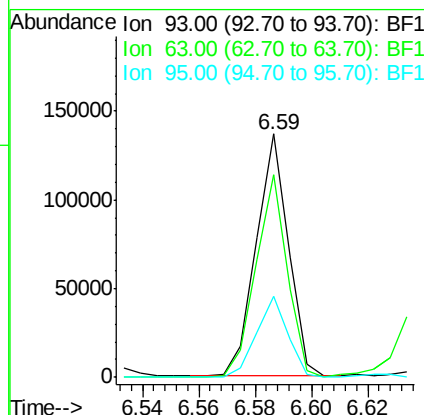
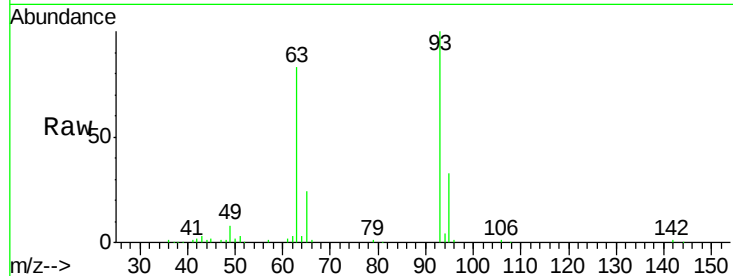
#11
bis(2-Chloroethyl)ether
Concen: 32.13 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF101098.D
Acq: 4 Dec 2017 15:22

Instrument :
BNA_F
ClientSampleId :
RT-3874MSD

Tot Ion	93	Resp	107998
Ion Ratio	Lower	Upper	
93	100		
63	83.4	58.6	98.6
95	33.2	11.8	51.8

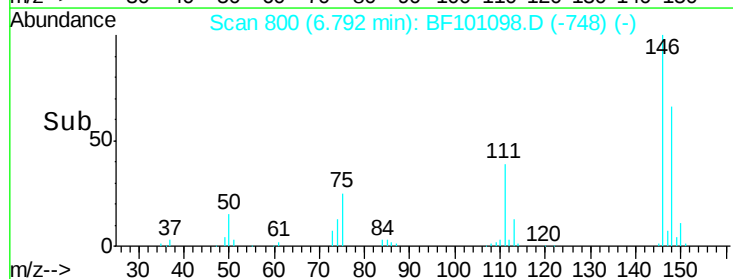
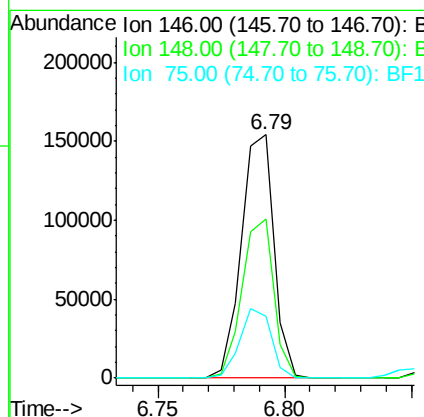
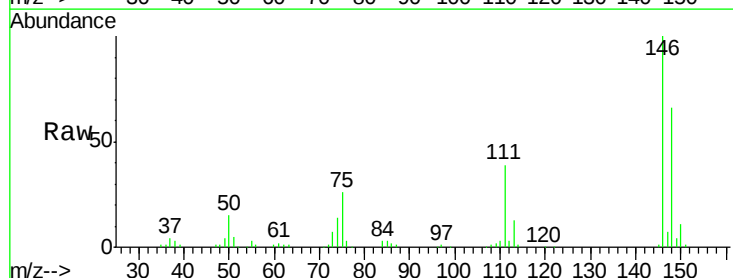
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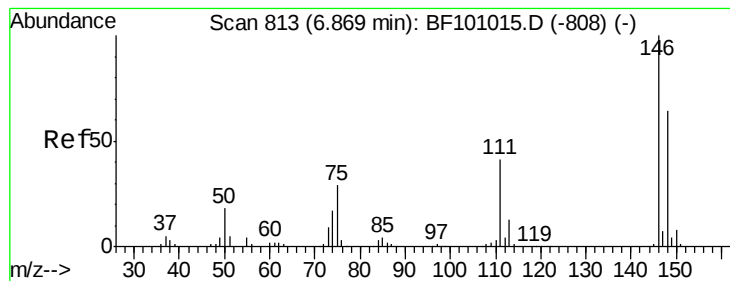
Sohil
12/5/2017 3:24:24 PM



#12
1,3-Dichlorobenzene
Concen: 32.74 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BF101098.D
Acq: 4 Dec 2017 15:22

Tgt Ion	146	Resp	137965
Ion Ratio	Lower	Upper	
146	100		
148	65.5	51.8	77.8
75	25.6	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 32.10 ng

RT: 6.86 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF101098.D

Acq: 4 Dec 2017 15:22

Instrument :

BNA_F

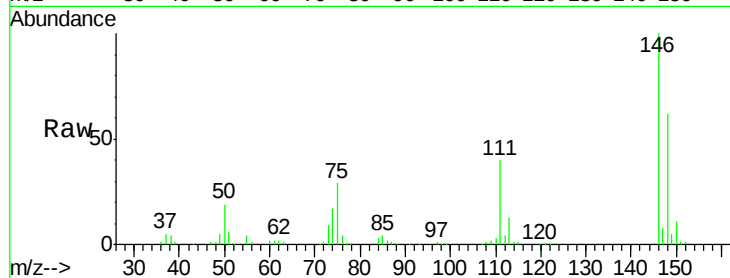
ClientSampleId :

RT-3874MSD

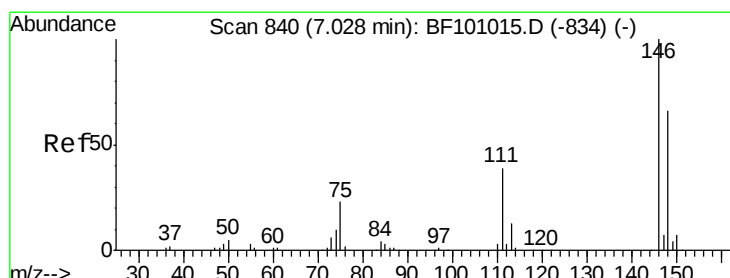
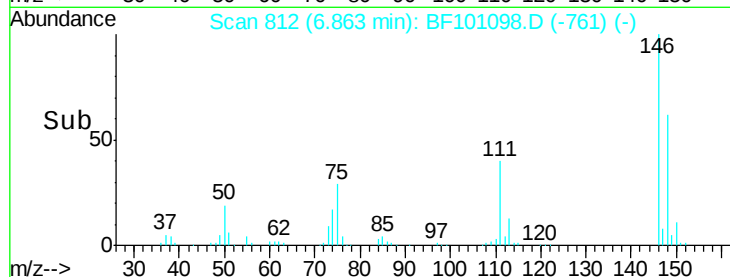
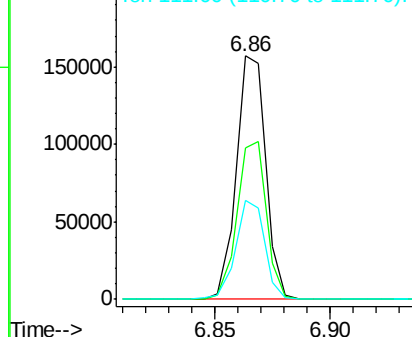
Tot Ion:	146	Resp:	140064
Ion Ratio	Lower	Upper	
146	100		
148	62.4	50.8	76.2
111	40.5	34.2	51.2

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 32.30 ng

RT: 7.02 min Scan# 839

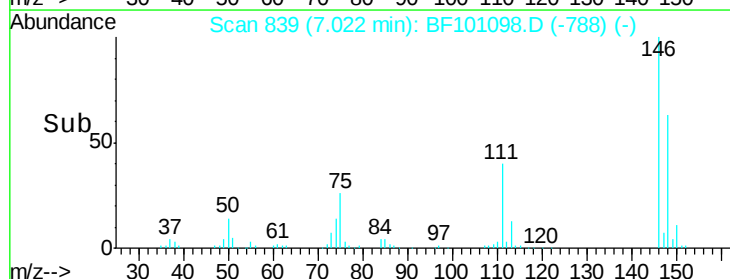
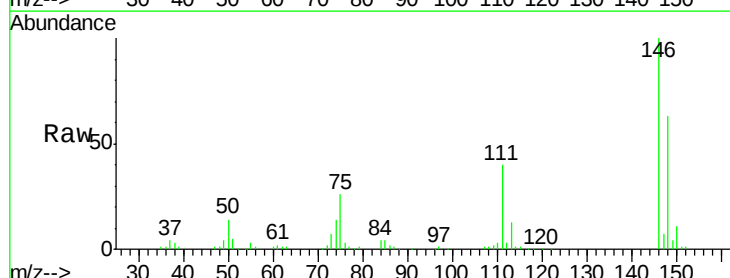
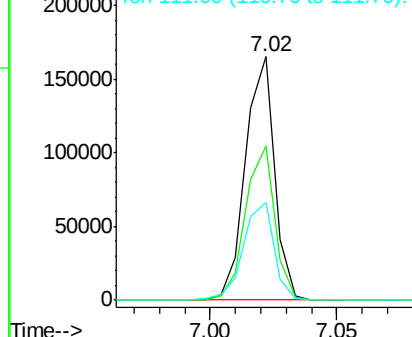
Delta R.T. 0.00 min

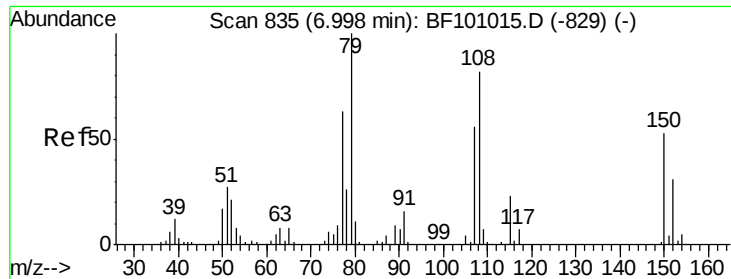
Lab File: BF101098.D

Acq: 4 Dec 2017 15:22

Tgt Ion:	146	Resp:	131460
Ion Ratio	Lower	Upper	
146	100		
148	63.1	50.6	75.8
111	40.0	36.0	54.0

Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





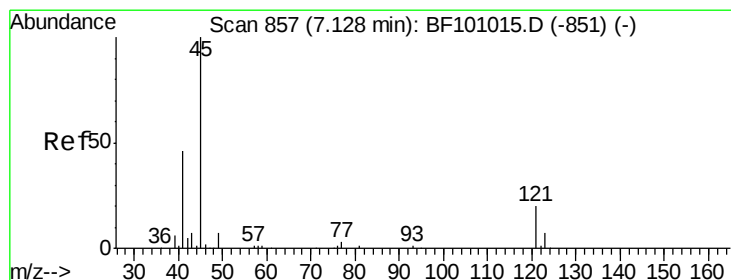
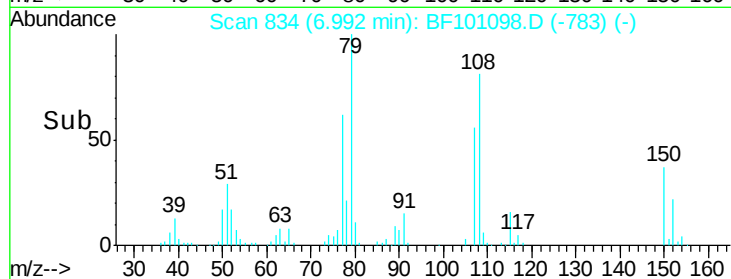
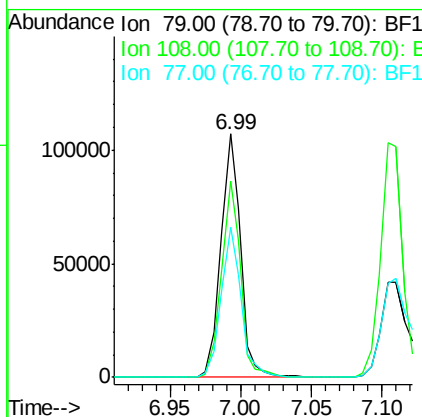
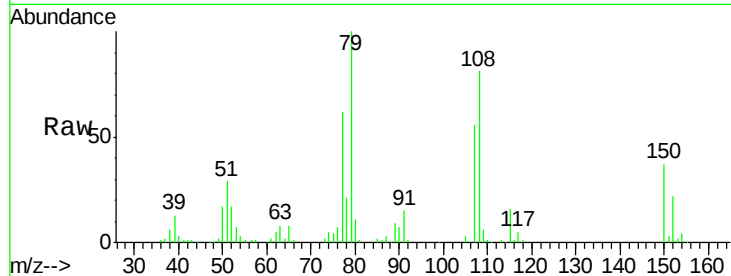
#15
Benzyl Alcohol
Concen: 33.38 ng
RT: 6.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF101098.D
Acq: 4 Dec 2017 15:22

Instrument :
BNA_F
ClientSampled :
RT-3874MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.7	65.1	97.7
77	61.7	50.6	75.8

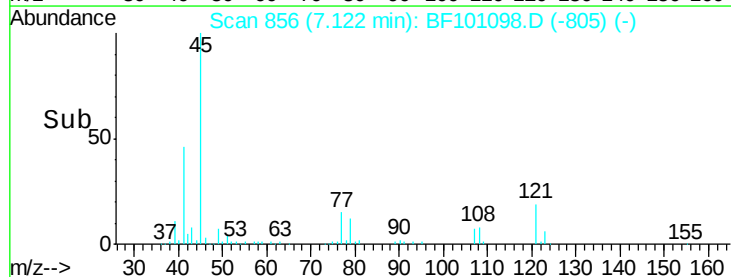
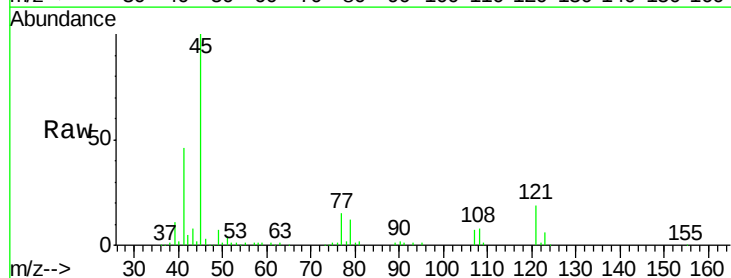
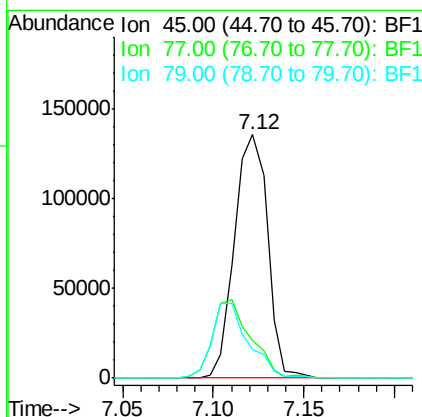
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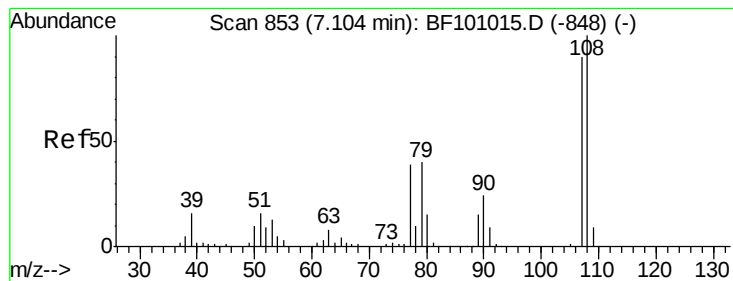
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.88 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF101098.D
Acq: 4 Dec 2017 15:22

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.3	0.0	32.9
79	11.8	0.0	29.6





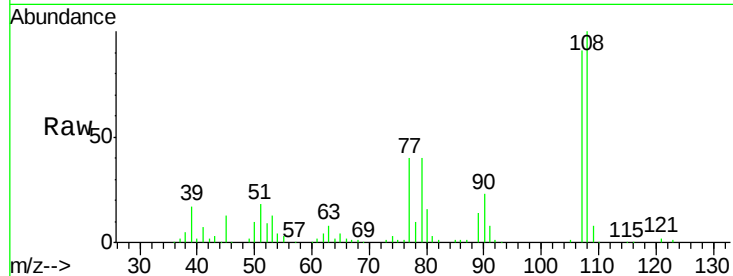
#17
2-Methylphenol
Concen: 34.21 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF101098.D
Acq: 4 Dec 2017 15:22

Instrument :
BNA_F
ClientSampleId :
RT-3874MSD

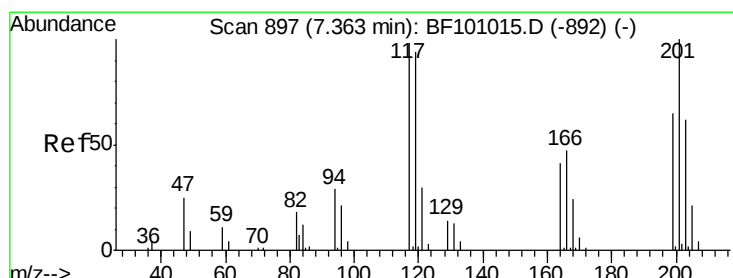
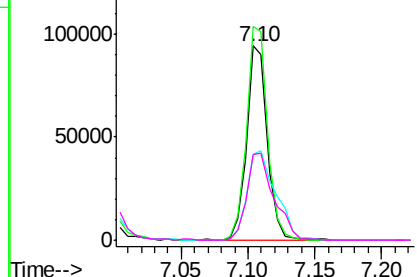
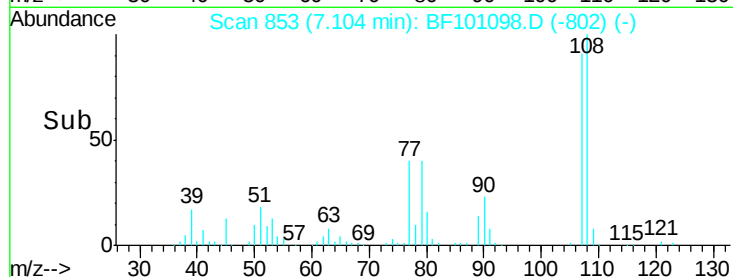
Tot Ion:	107	Resp:	99960
Ion Ratio	Lower	Upper	
107	100		
108	109.9	91.7	137.5
77	44.0	33.8	50.8
79	44.2	33.8	50.8

Manual Integrations
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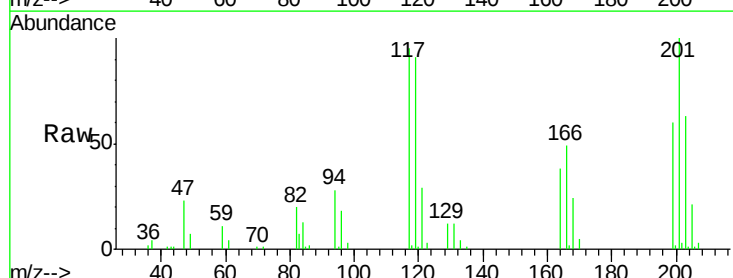


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

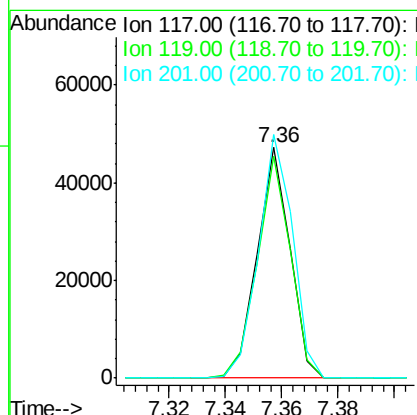
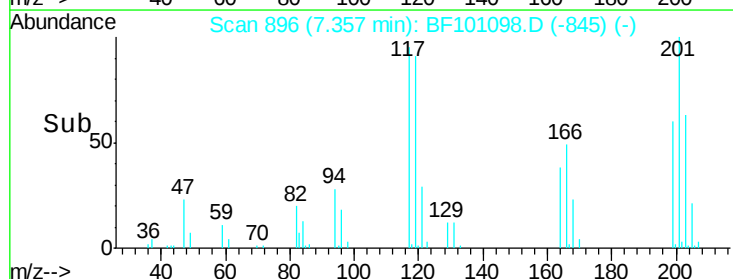


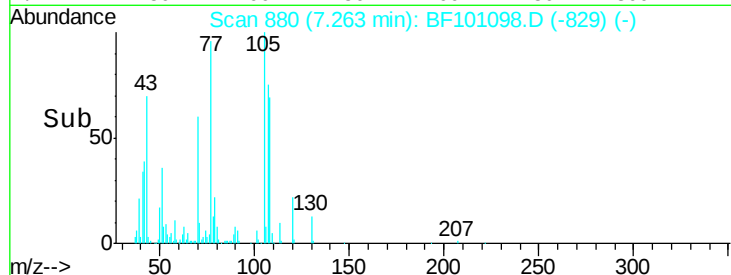
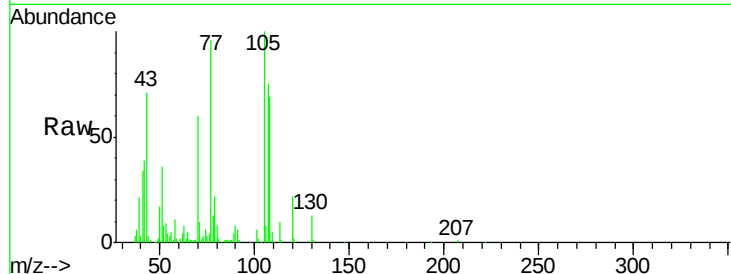
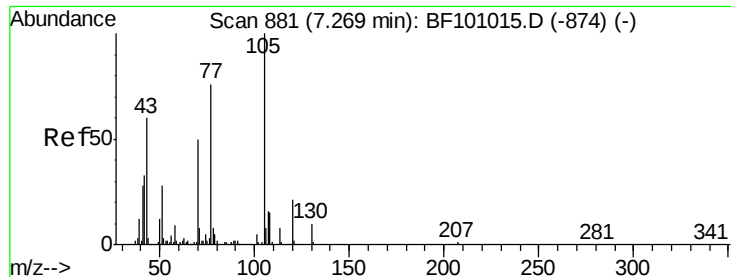
#18
Hexachloroethane
Concen: 27.20 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF101098.D
Acq: 4 Dec 2017 15:22

Tgt Ion:	117	Resp:	38121
Ion Ratio	Lower	Upper	
117	100		
119	96.2	75.8	113.8
201	105.6	75.7	113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





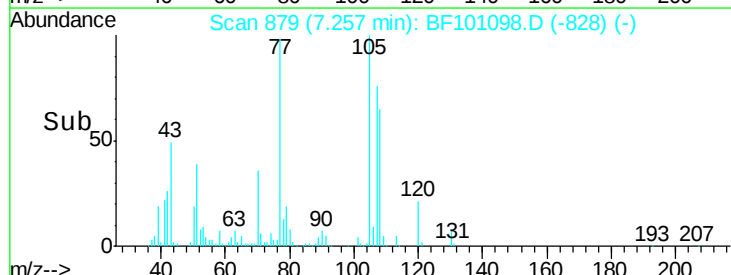
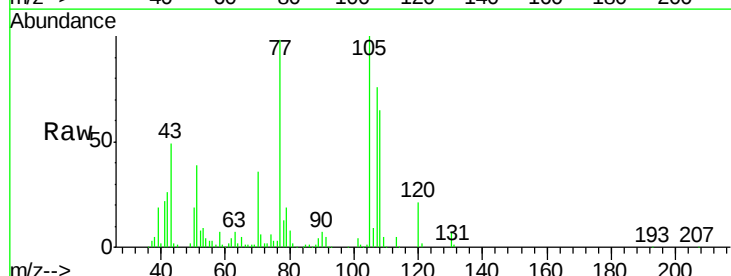
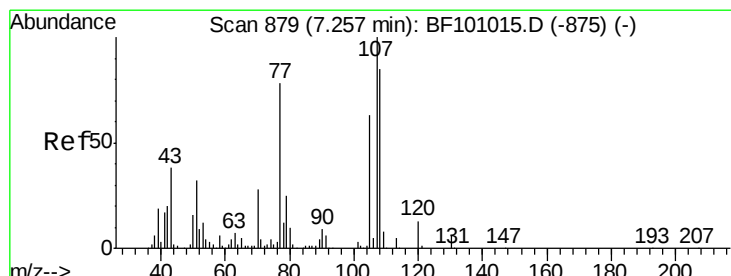
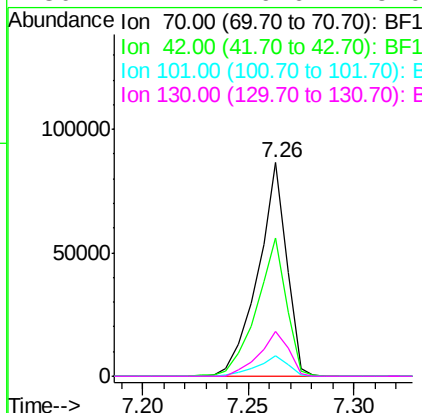
#19
n-Nitroso-di-n-propylamine
Concen: 30.05 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF101098.D
Acq: 4 Dec 2017 15:22

Instrument :
BNA_F
ClientSampled :
RT-3874MSD

Tot Ion	70	Resp:	81558
Ion Ratio	Lower	Upper	
70	100		
42	64.9	47.5	71.3
101	9.6	7.4	11.2
130	21.2	16.6	25.0

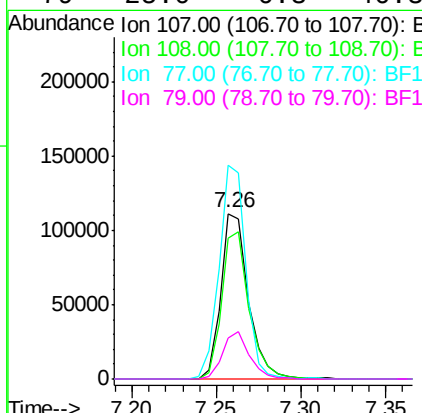
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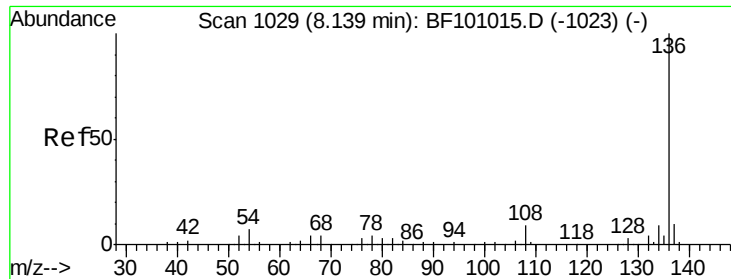
Sohil
12/5/2017 3:24:24 PM



#20
3+4-Methylphenols
Concen: 33.17 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF101098.D
Acq: 4 Dec 2017 15:22

Tgt Ion	107	Resp:	126409
Ion Ratio	Lower	Upper	
107	100		
108	85.3	68.2	108.2
77	129.3	26.7	66.7#
79	25.0	6.3	46.3





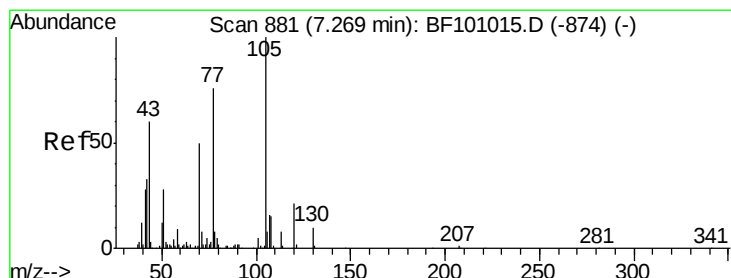
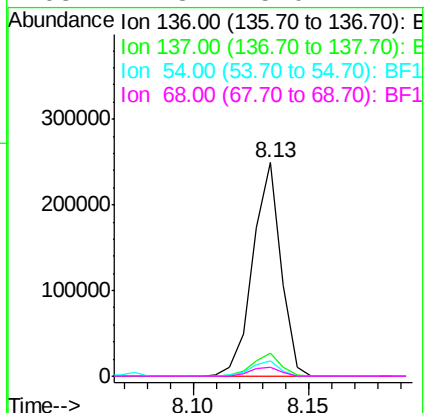
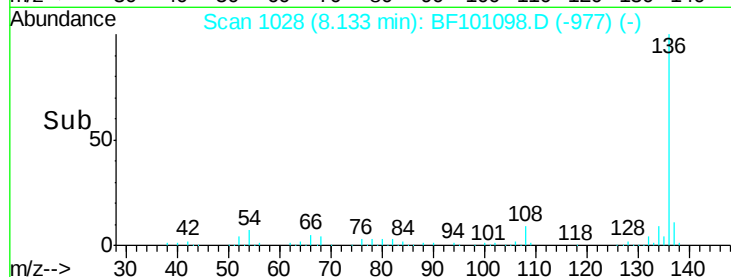
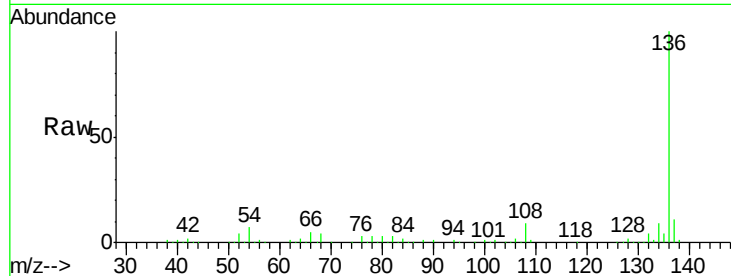
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF101098.D
Acq: 4 Dec 2017 15:22

Instrument :
BNA_F
ClientSampleId :
RT-3874MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	212205		
137	11.1	8.9	13.3	
54	7.2	6.6	9.8	
68	4.3	5.0	7.4	

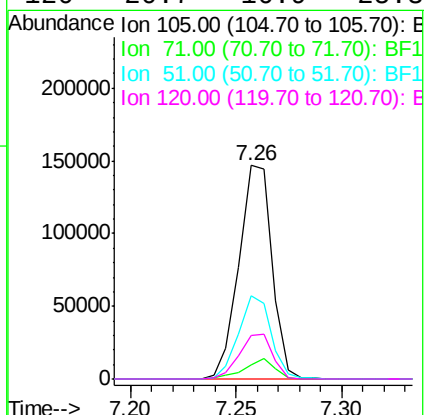
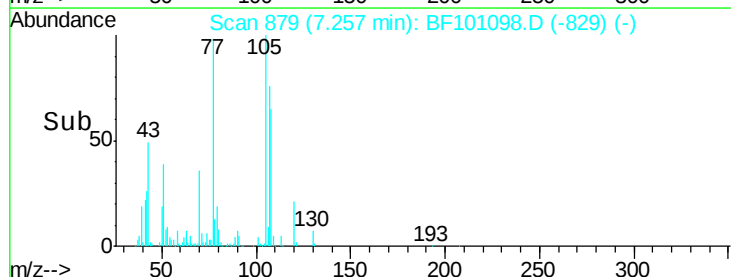
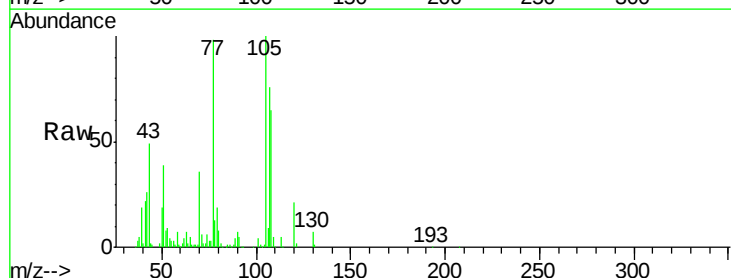
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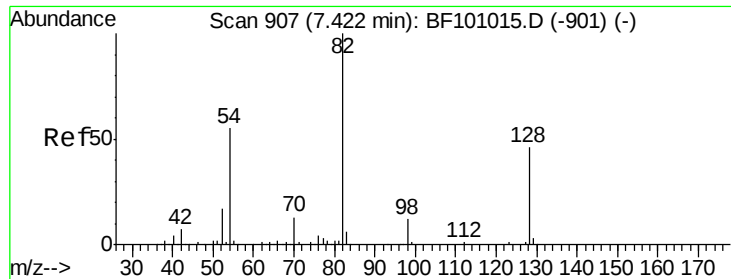
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#22
Acetophenone
Concen: 31.15 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF101098.D
Acq: 4 Dec 2017 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	159691		
71	6.3	4.4	6.6	
51	39.2	22.3	33.5	
120	20.7	16.9	25.3	





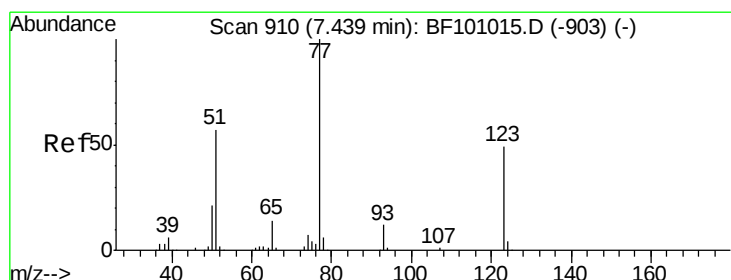
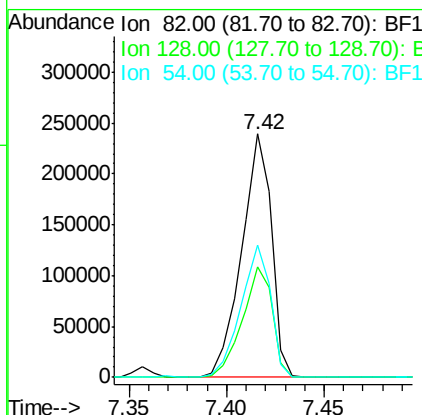
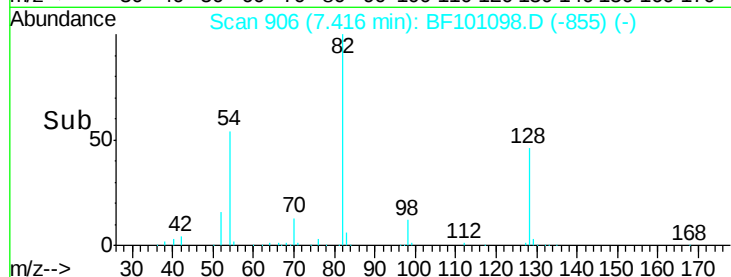
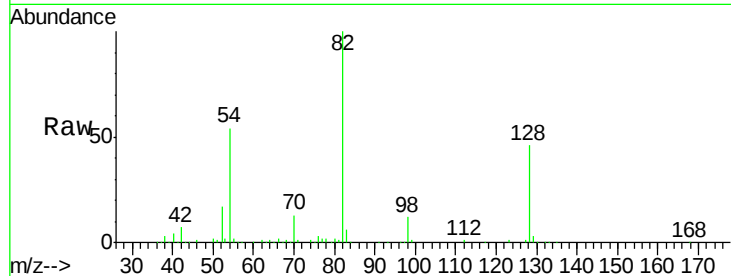
#23
Nitrobenzene-d5
Concen: 71.29 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF101098.D
Acq: 4 Dec 2017 15:22

Instrument :
BNA_F
ClientSampleId :
RT-3874MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.1	54.1
54	54.1	41.4	62.2

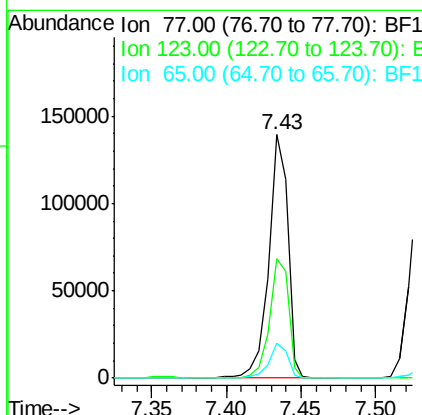
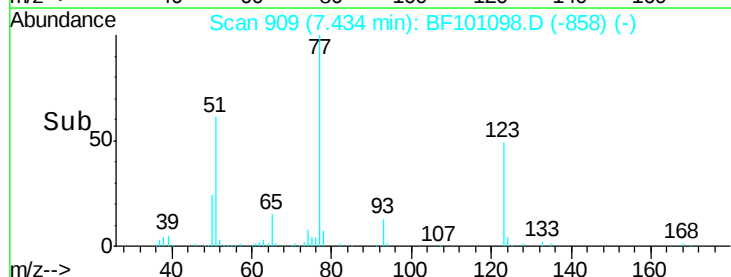
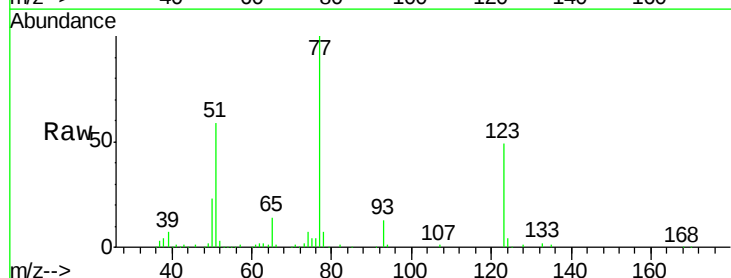
Manual Integrations
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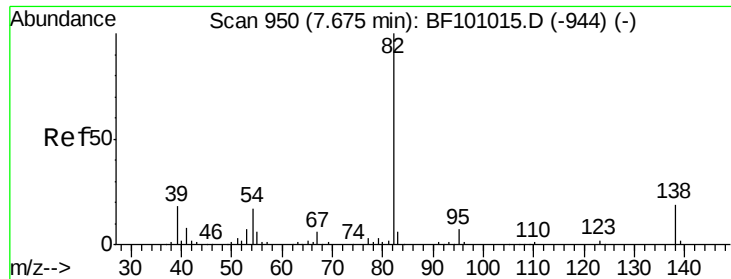
Sohil
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#24
Nitrobenzene
Concen: 35.05 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.00 min
Lab File: BF101098.D
Acq: 4 Dec 2017 15:22

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.8	37.9	56.9
65	14.3	11.0	16.4





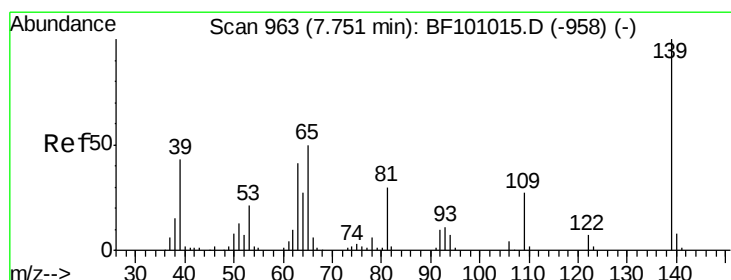
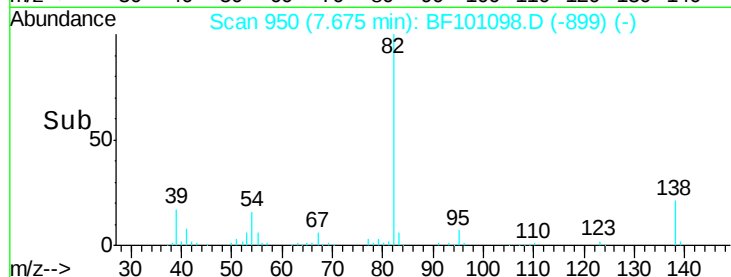
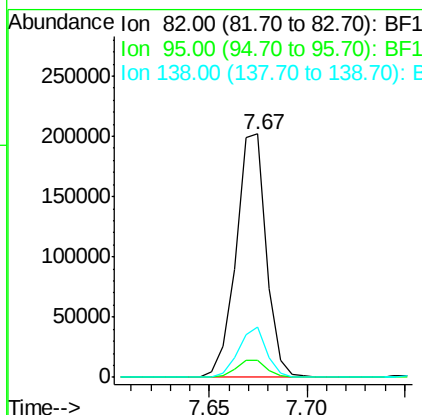
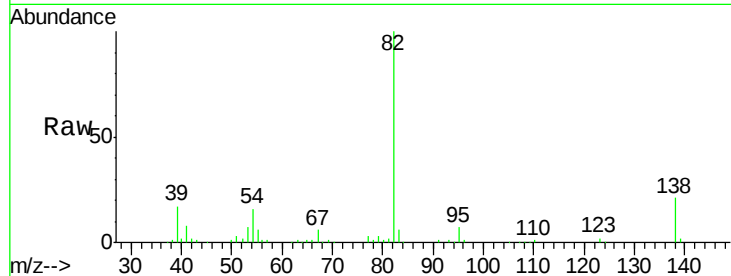
#25
Isophorone
Concen: 35.61 ng
RT: 7.67 min Scan# 950
Delta R.T. 0.00 min
Lab File: BF101098.D
Acq: 4 Dec 2017 15:22

Instrument :
BNA_F
ClientSampled :
RT-3874MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	216399		
95	7.2		5.2	7.8
138	20.5		14.9	22.3

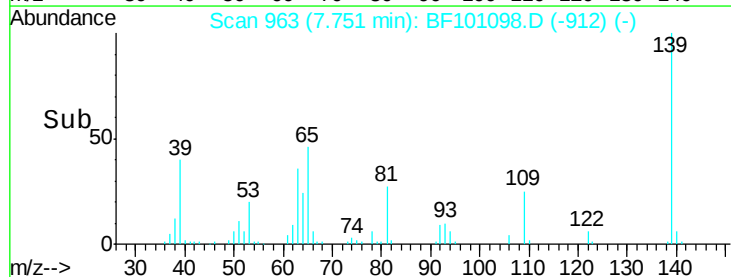
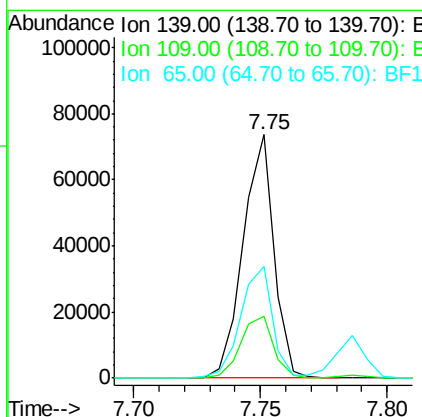
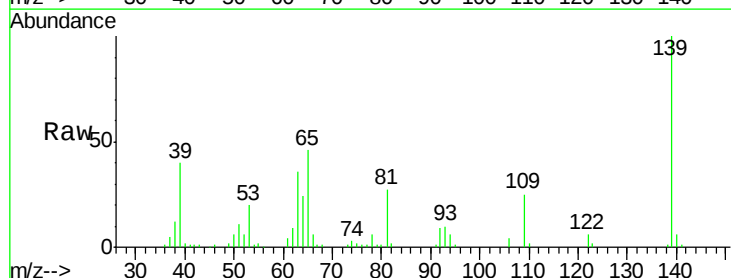
Manual Integrations
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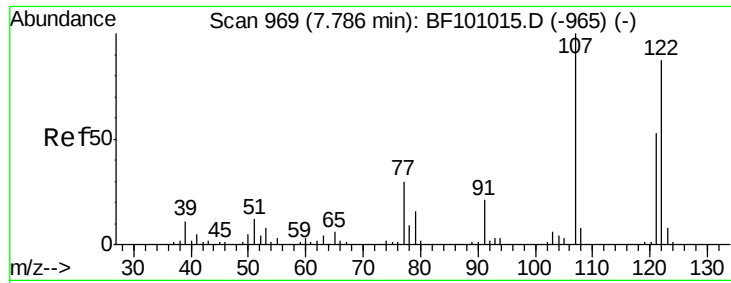
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#26
2-Nitrophenol
Concen: 32.61 ng
RT: 7.75 min Scan# 963
Delta R.T. 0.00 min
Lab File: BF101098.D
Acq: 4 Dec 2017 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	62410		
109	25.3		22.7	34.1
65	46.0		40.5	60.7





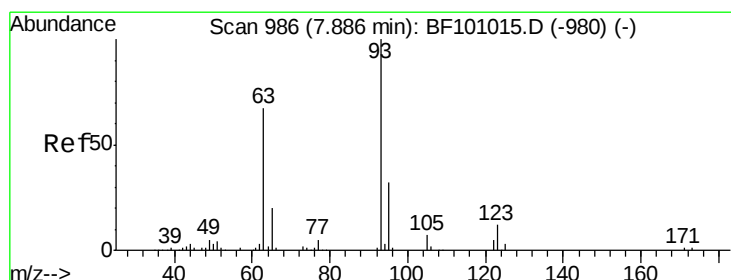
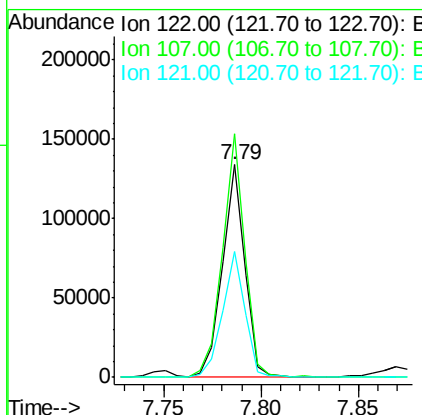
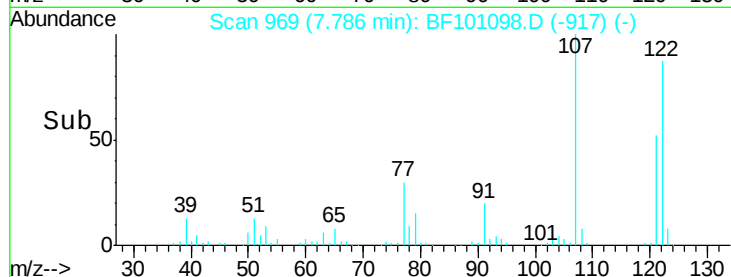
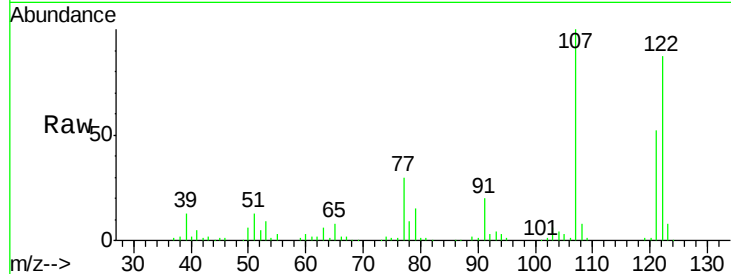
#27
 2,4-Dimethylphenol
 Concen: 38.36 ng
 RT: 7.79 min Scan# 969
 Delta R.T. 0.01 min
 Lab File: BF101098.D
 Acq: 4 Dec 2017 15:22

Instrument :
 BNA_F
 ClientSampleId :
 RT-3874MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		106208		
107	114.5	91.2	136.8		
121	59.3	47.2	70.8		

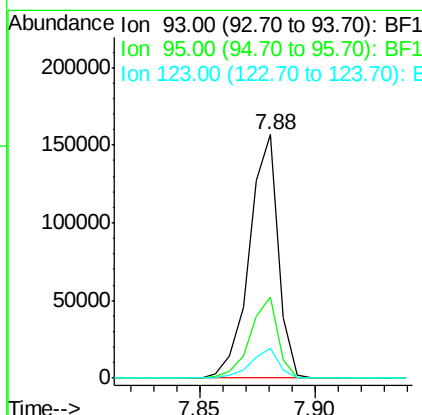
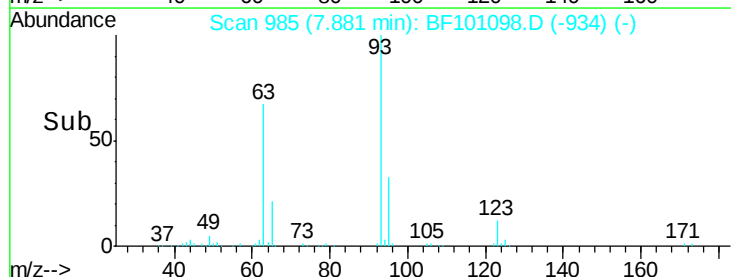
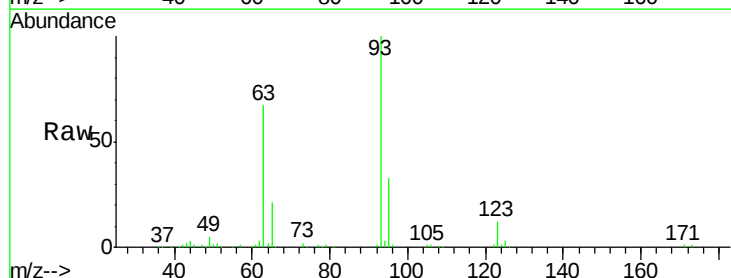
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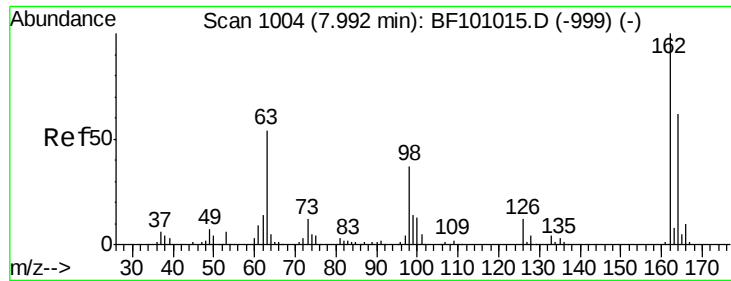
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#28
 bis(2-Chloroethoxy)methane
 Concen: 33.40 ng
 RT: 7.88 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: BF101098.D
 Acq: 4 Dec 2017 15:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		136420		
95	33.2	26.3	39.5		
123	12.3	9.8	14.6		





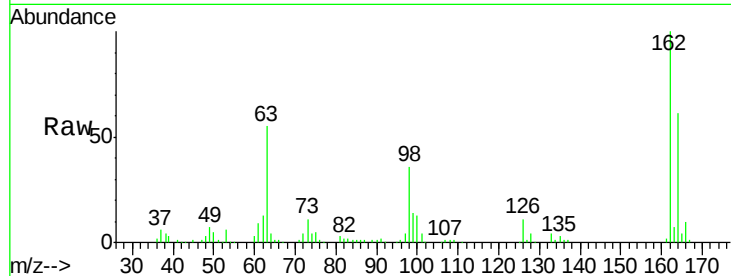
#29
2,4-Dichlorophenol
Concen: 35.56 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF101098.D
Acq: 4 Dec 2017 15:22

Instrument :
BNA_F
ClientSampleId :
RT-3874MSD

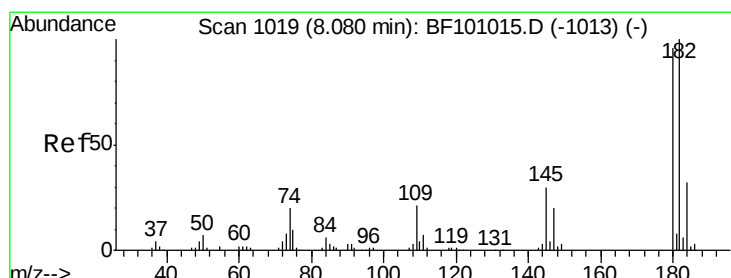
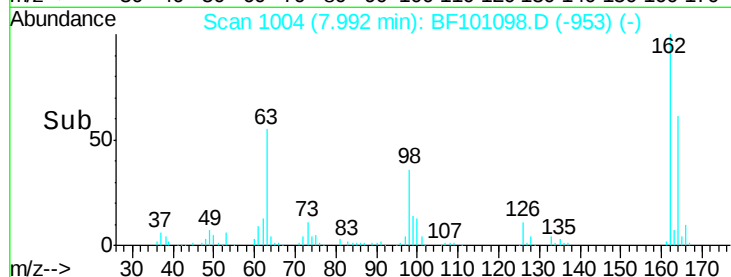
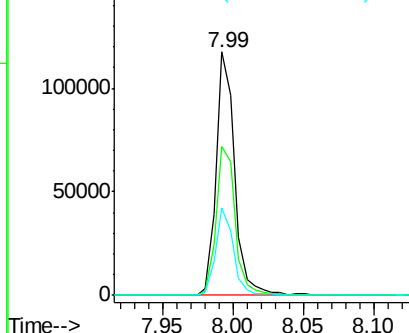
Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	61.3	42.7	82.7
98	36.0	18.1	58.1

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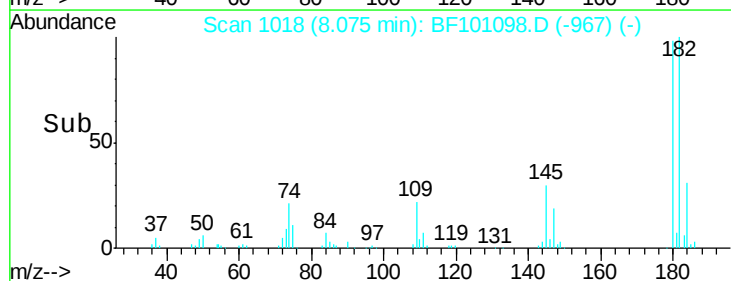
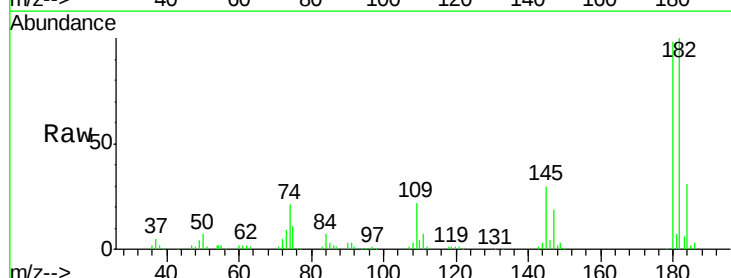
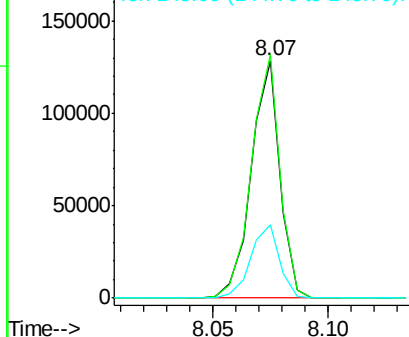
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

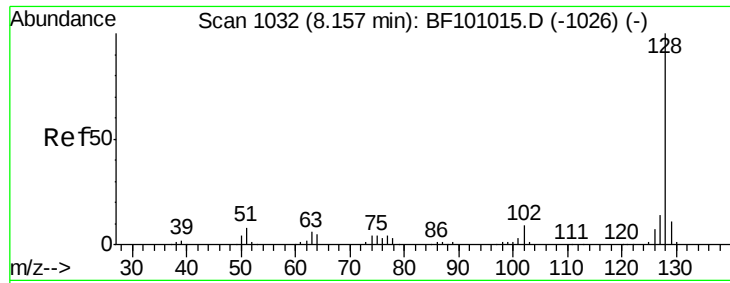


#30
1,2,4-Trichlorobenzene
Concen: 33.55 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF101098.D
Acq: 4 Dec 2017 15:22

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	102.4	76.8	115.2
145	31.1	26.5	39.7

Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





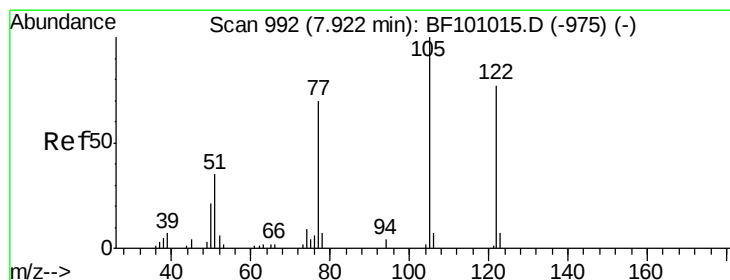
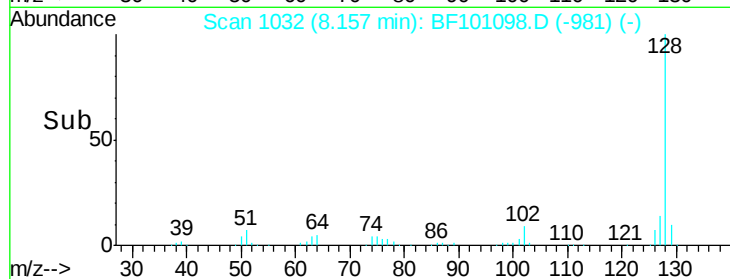
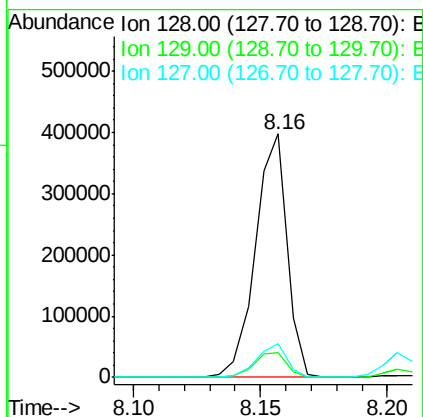
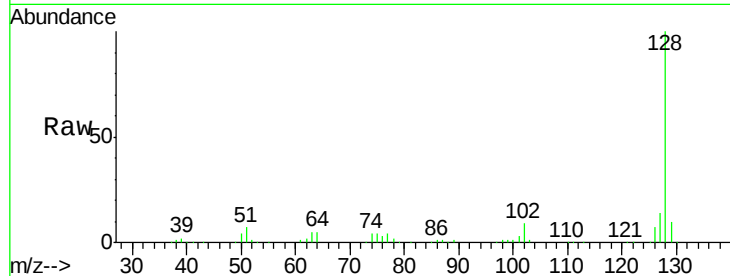
#31
Naphthalene
Concen: 33.20 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF101098.D
Acq: 4 Dec 2017 15:22

Instrument :
BNA_F
ClientSampleId :
RT-3874MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	347265		
129	10.3		8.8	13.2
127	14.0		10.9	16.3

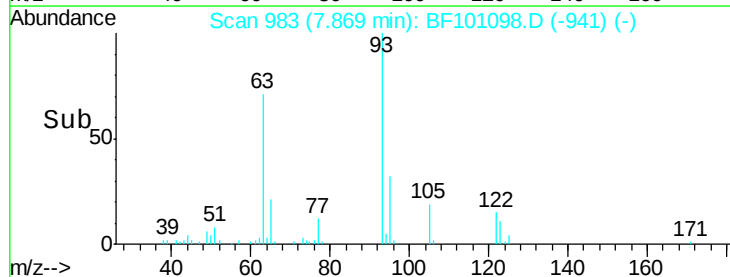
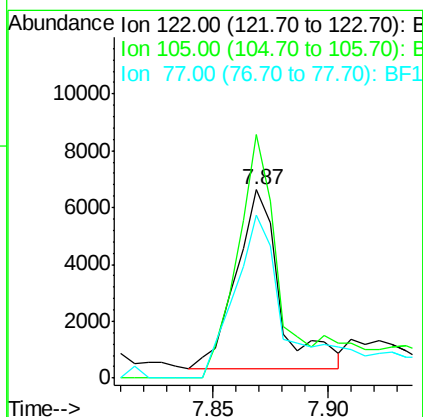
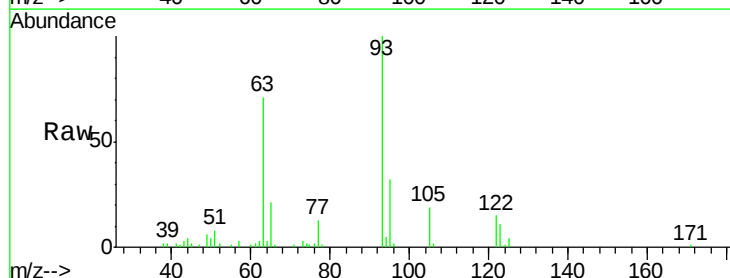
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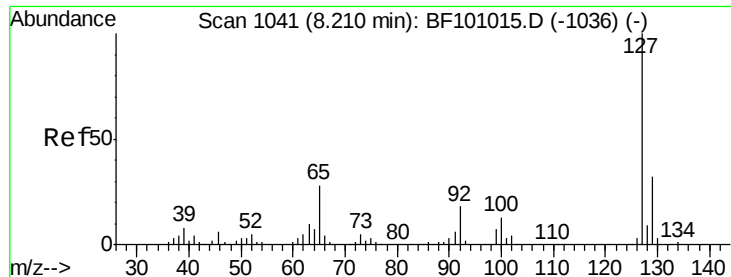
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#32
Benzoic acid
Concen: 3.91 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.05 min
Lab File: BF101098.D
Acq: 4 Dec 2017 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	8414		
105	129.5		101.1	141.1
77	86.5		70.7	110.7





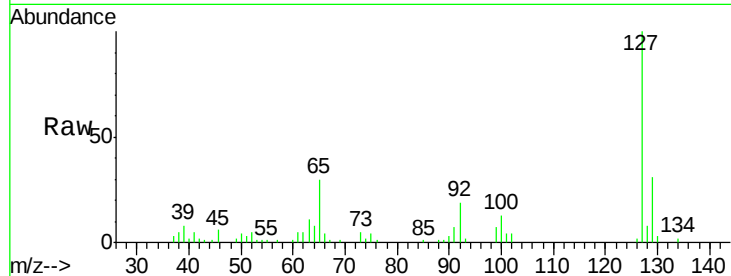
#33
 4-Chloroaniline
 Concen: 10.28 ng
 RT: 8.20 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF101098.D
 Acq: 4 Dec 2017 15:22

Instrument :
 BNA_F
 ClientSampleId :
 RT-3874MSD

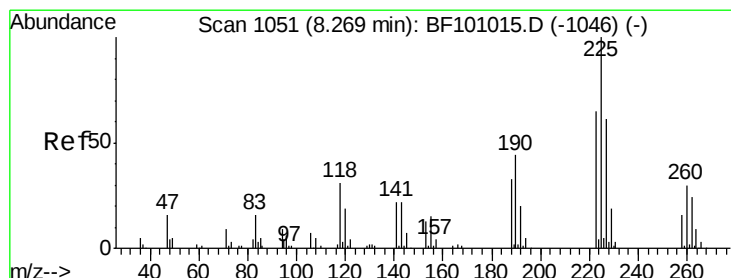
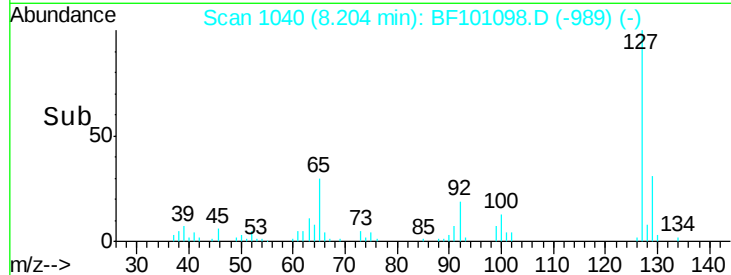
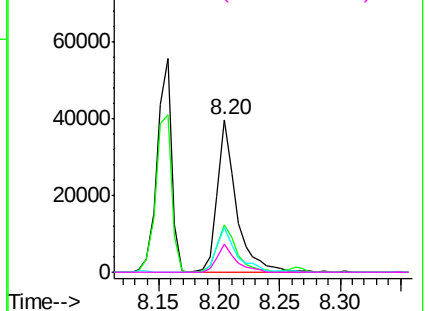
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.1	25.9	38.9		
65	29.8	25.0	37.4		
92	18.8	15.2	22.8		

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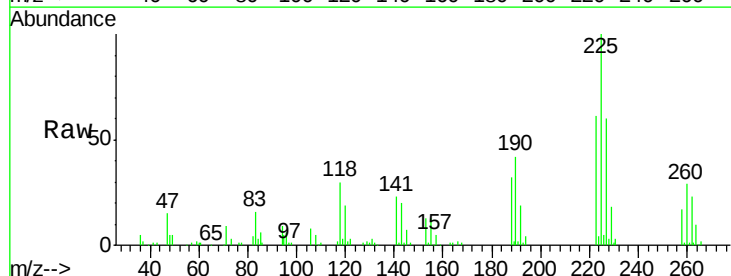


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

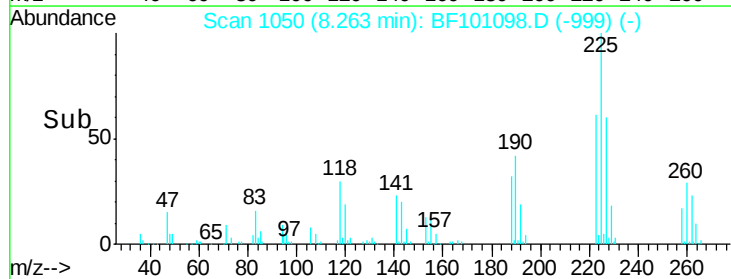
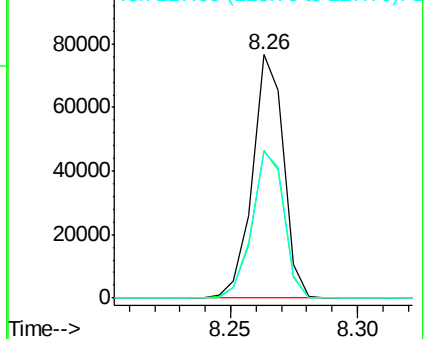


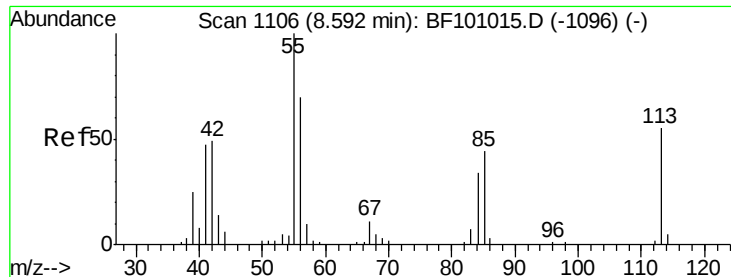
#34
 Hexachlorobutadiene
 Concen: 32.19 ng
 RT: 8.26 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BF101098.D
 Acq: 4 Dec 2017 15:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	60.8	50.6	76.0		
227	60.0	51.9	77.9		



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





#35

Caprolactam

Concen: 34.93 ng/ml

RT: 8.57 min Scan# 1103

Delta R.T. -0.01 min

Lab File: BF101098.D

Acq: 4 Dec 2017 15:22

Instrument :

BNA_F

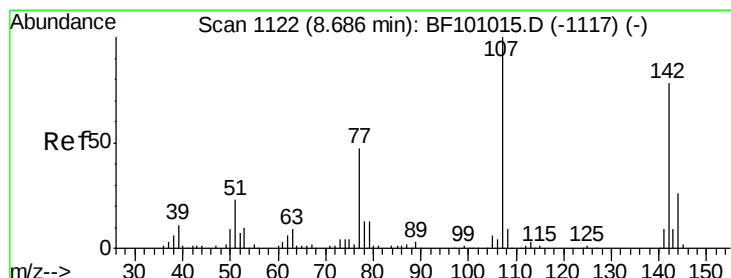
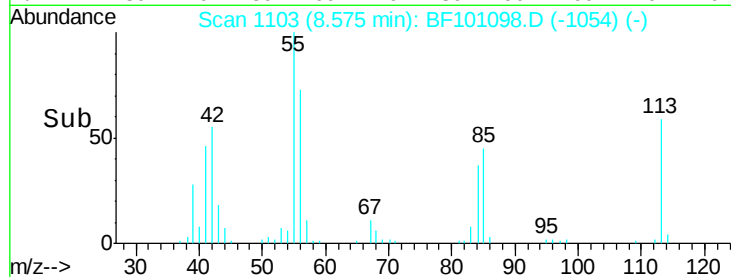
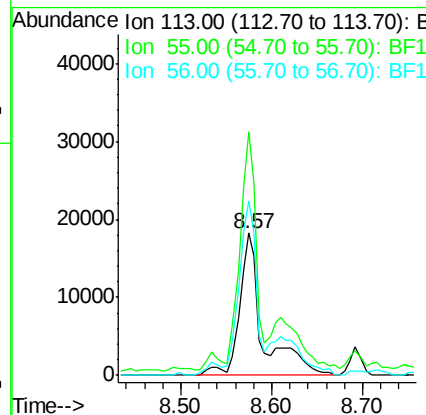
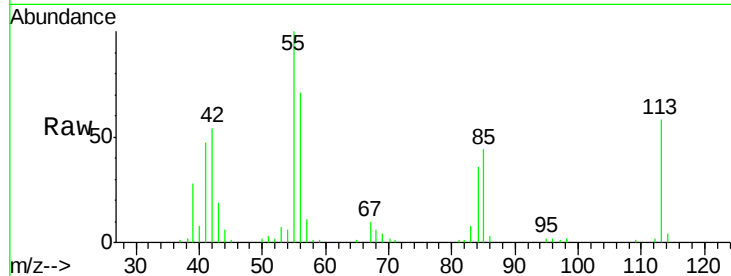
ClientSampleId :

RT-3874MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	171.2	163.3	203.3
56	122.4	115.7	155.7

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#36

4-Chloro-3-methylphenol

Concen: 34.53 ng/ml

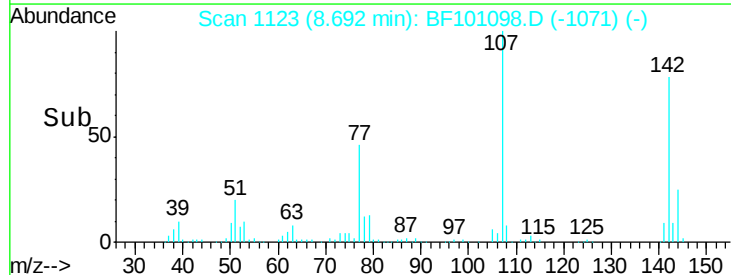
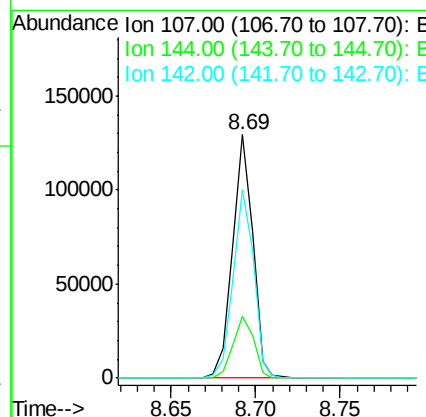
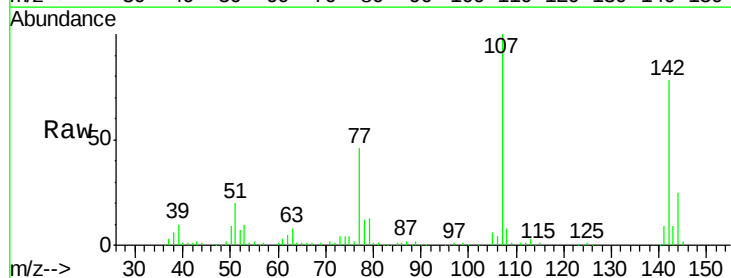
RT: 8.69 min Scan# 1123

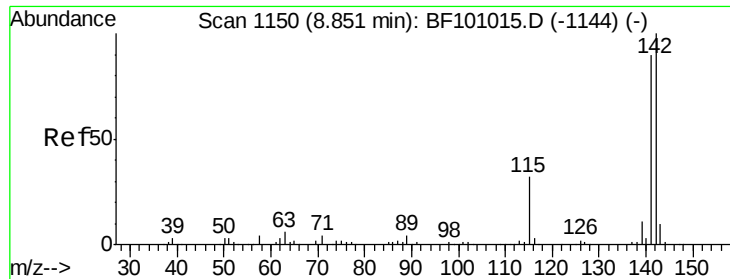
Delta R.T. 0.01 min

Lab File: BF101098.D

Acq: 4 Dec 2017 15:22

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.3	20.5	30.7
142	77.7	62.0	93.0





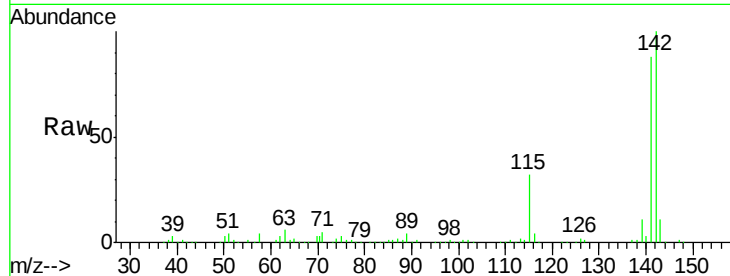
#37
2-Methylnaphthalene
Concen: 33.67 ng
RT: 8.85 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF101098.D
Acq: 4 Dec 2017 15:22

Instrument :
BNA_F
ClientSampleId :
RT-3874MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.8	106.2
115	32.5	26.1	39.1

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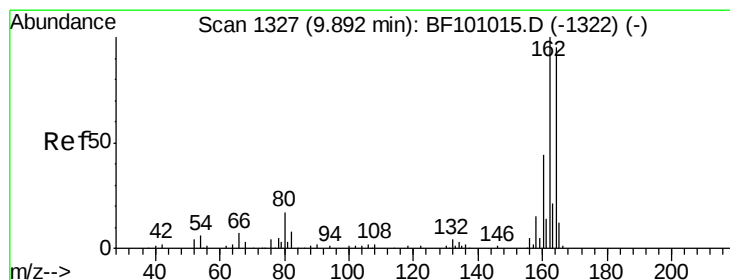
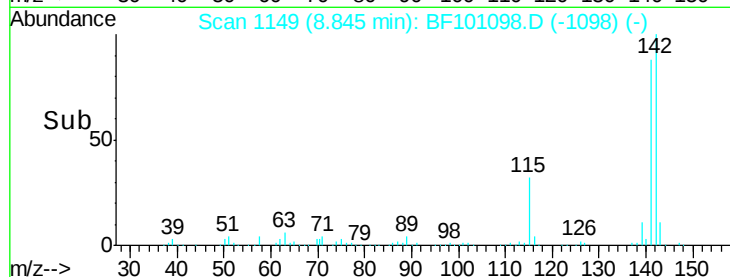
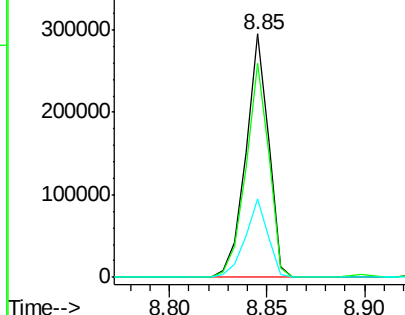


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF101098.D
Acq: 4 Dec 2017 15:22

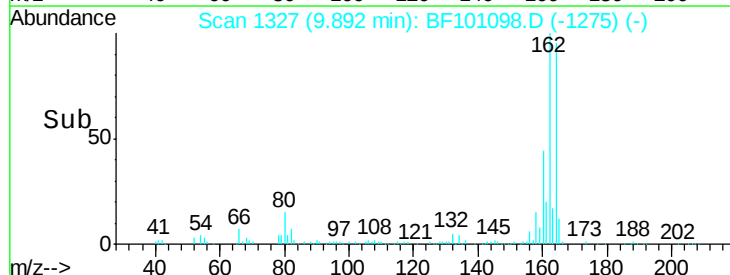
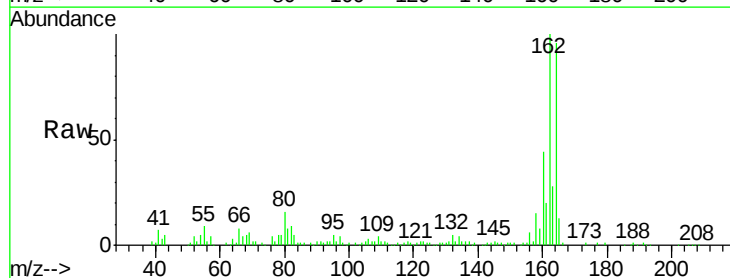
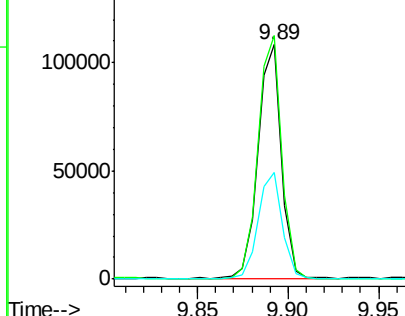
Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	86.1	129.1
160	45.8	38.3	57.5

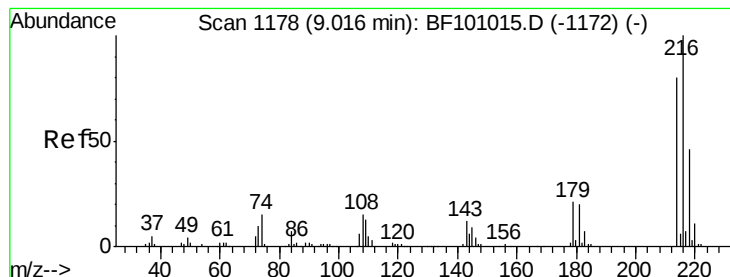
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 30.81 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BF101098.D

Acq: 4 Dec 2017 15:22

Instrument :

BNA_F

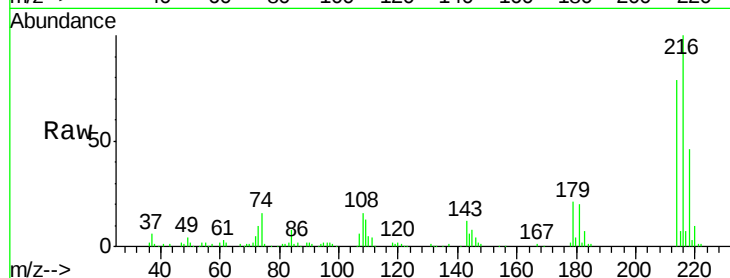
ClientSampleId :

RT-3874MSD

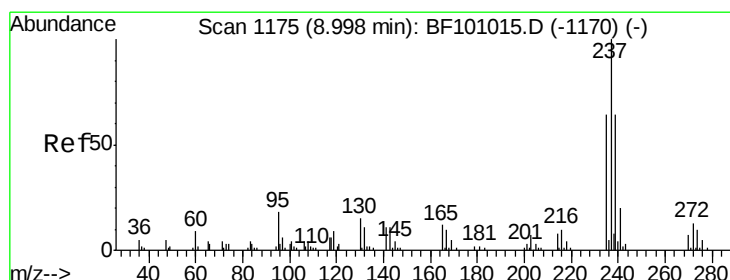
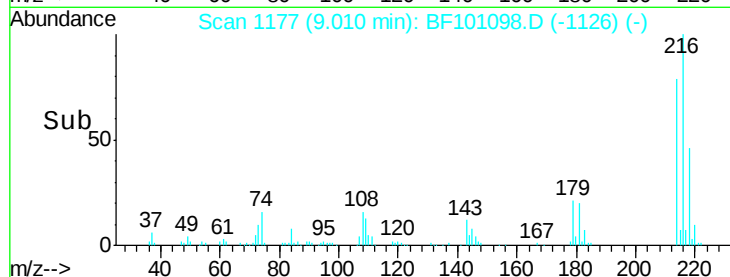
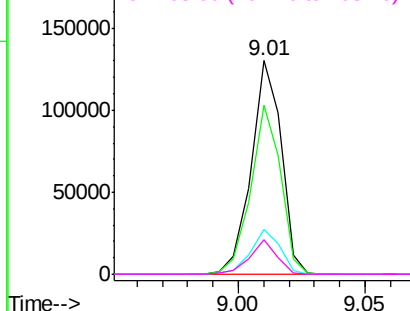
Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.8	63.0	94.4
179	20.7	18.1	27.1
108	14.9	17.2	25.8

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



#40

Hexachlorocyclopentadiene

Concen: 14.01 ng

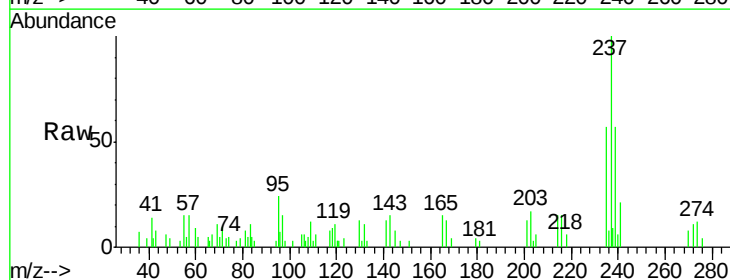
RT: 8.99 min Scan# 1174

Delta R.T. 0.00 min

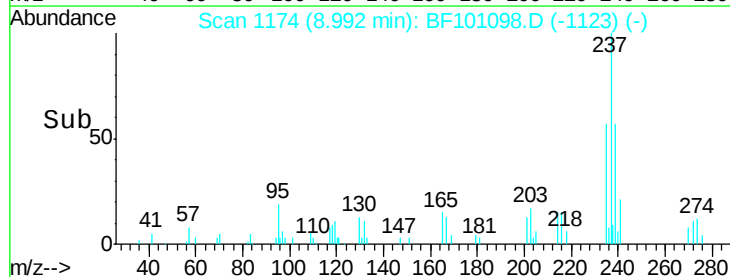
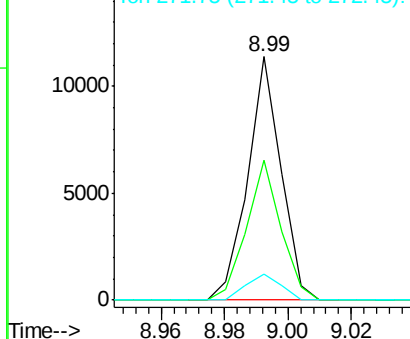
Lab File: BF101098.D

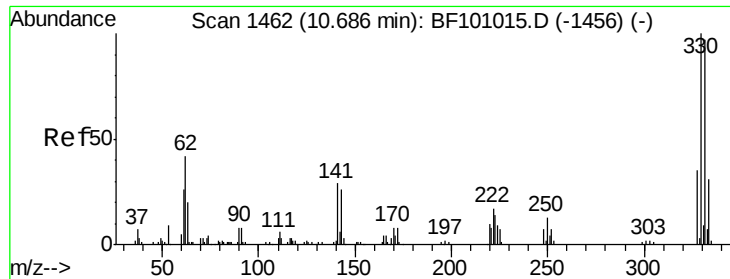
Acq: 4 Dec 2017 15:22

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	57.4	44.8	84.8
272	10.8	0.0	33.3



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





#41

2,4,6-Tribromophenol

Concen: 90.75 ng

RT: 10.69 min Scan# 1462

Delta R.T. 0.01 min

Lab File: BF101098.D

Acq: 4 Dec 2017 15:22

Instrument :

BNA_F

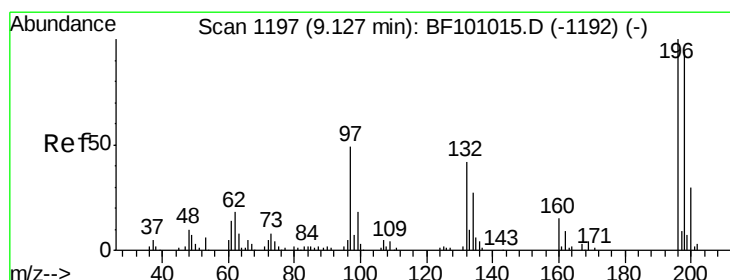
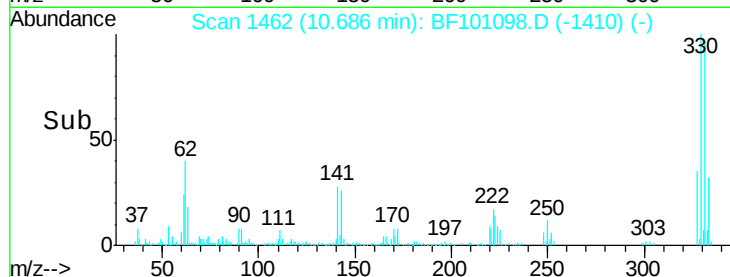
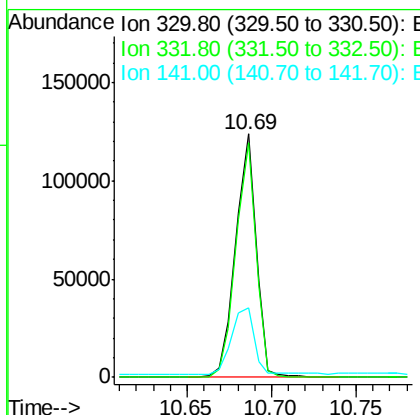
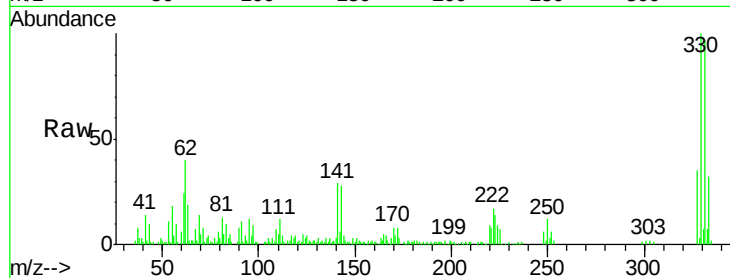
ClientSampleId :

RT-3874MSD

Tot Ion:	330	Resp:	105031
Ion Ratio		Lower	Upper
330	100		
332	94.8	77.0	115.6
141	29.6	29.9	44.9#

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#42

2,4,6-Trichlorophenol

Concen: 37.09 ng

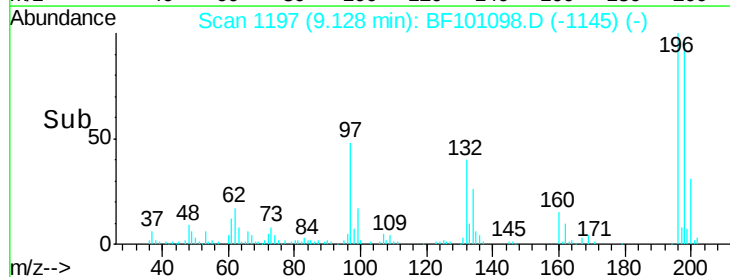
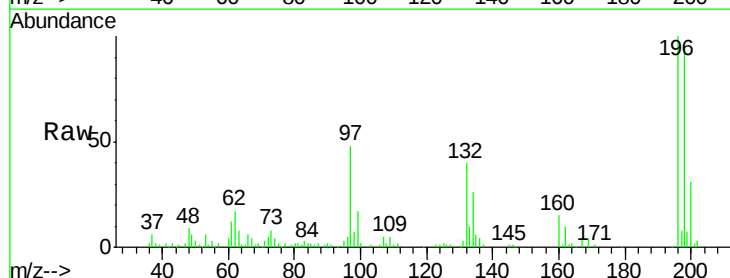
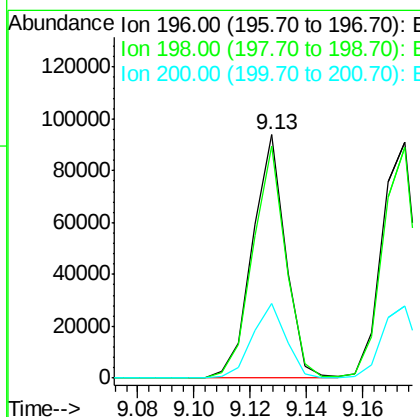
RT: 9.13 min Scan# 1197

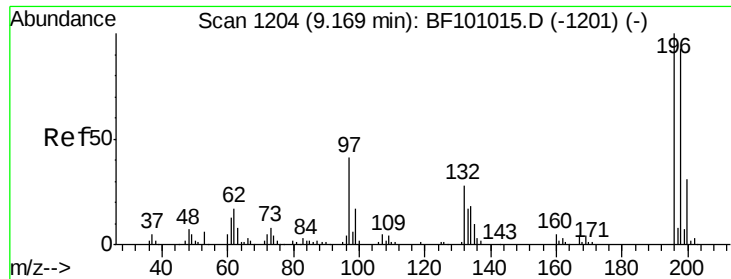
Delta R.T. 0.01 min

Lab File: BF101098.D

Acq: 4 Dec 2017 15:22

Tgt Ion:	196	Resp:	76094
Ion Ratio		Lower	Upper
196	100		
198	95.6	75.7	113.5
200	30.9	24.5	36.7





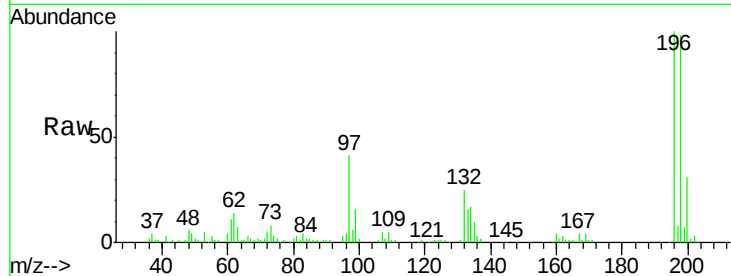
#43
 2,4,5-Trichlorophenol
 Concen: 36.26 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF101098.D
 Acq: 4 Dec 2017 15:22

Instrument :
 BNA_F
 ClientSampleId :
 RT-3874MSD

Tot Ion:	196	Resp:	79529
Ion Ratio	Lower	Upper	
196	100		
198	98.2	74.6	112.0
97	41.0	42.9	64.3#
132	24.8	26.3	39.5#

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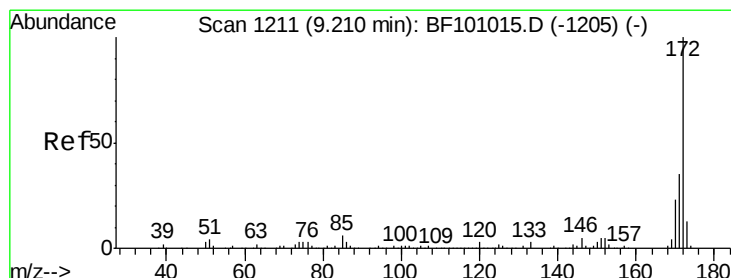
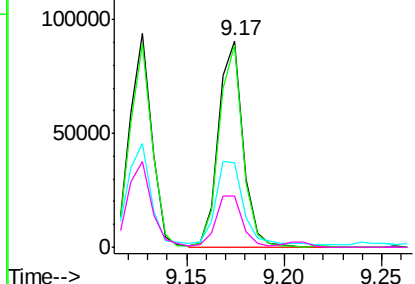
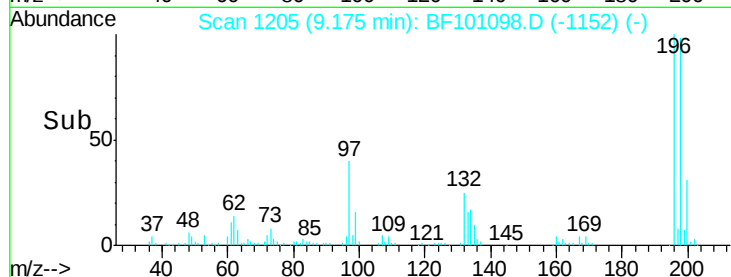
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

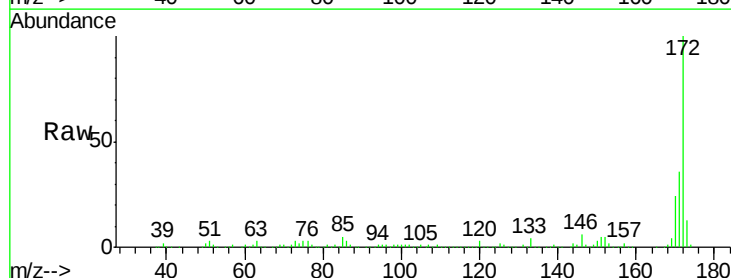
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 67.00 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF101098.D
 Acq: 4 Dec 2017 15:22

Tgt Ion:	172	Resp:	471800
Ion Ratio	Lower	Upper	
172	100		
171	36.3	29.7	44.5
170	23.8	19.6	29.4

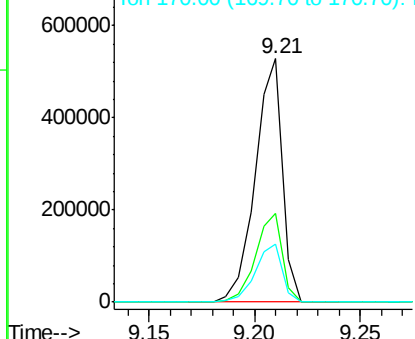
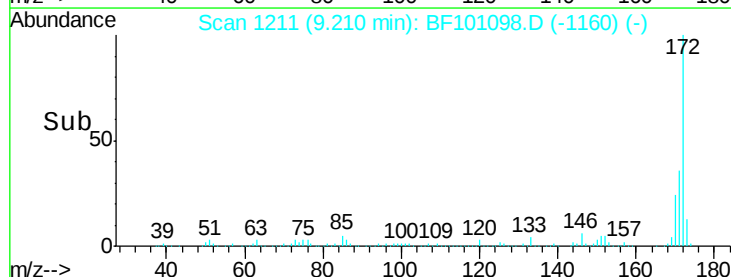


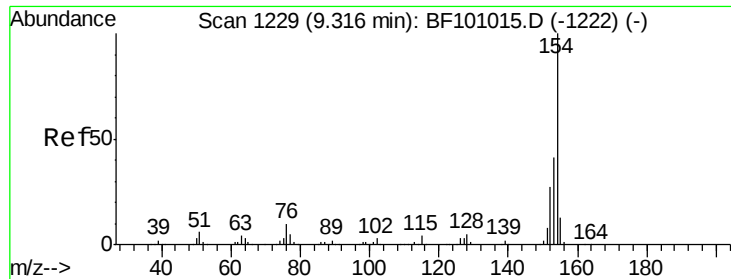
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





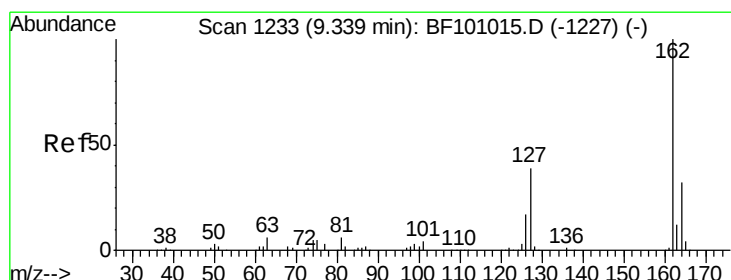
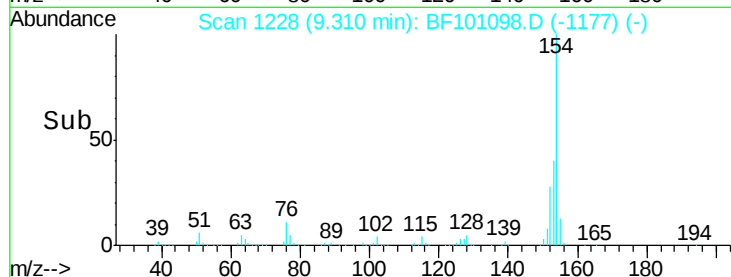
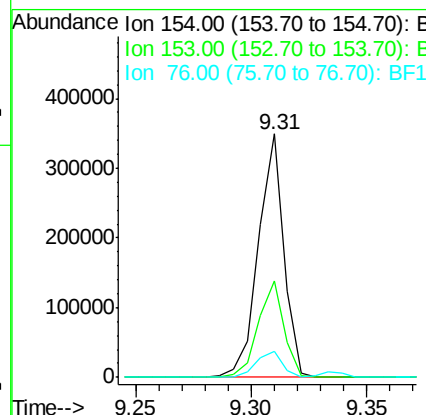
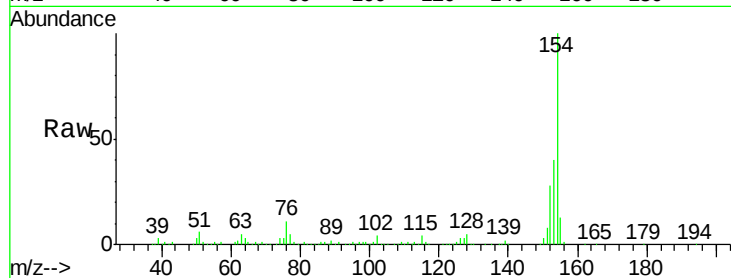
#45
 1,1'-Biphenyl
 Concen: 30.56 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: BF101098.D
 Acq: 4 Dec 2017 15:22

Instrument :
 BNA_F
 ClientSampleId :
 RT-3874MSD

Tot Ion	Ratio	Resp	Lower	Upper
154	100	269734		
153	39.8	21.3	61.3	
76	10.8	0.0	34.0	

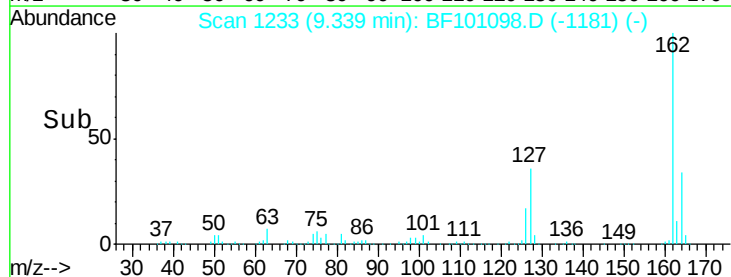
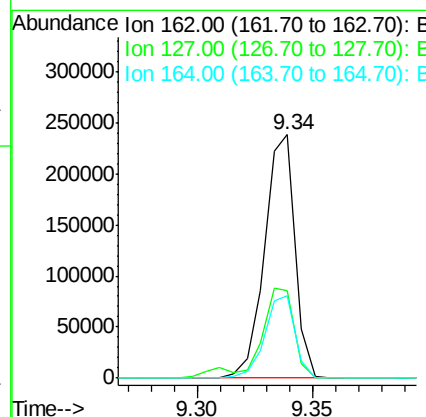
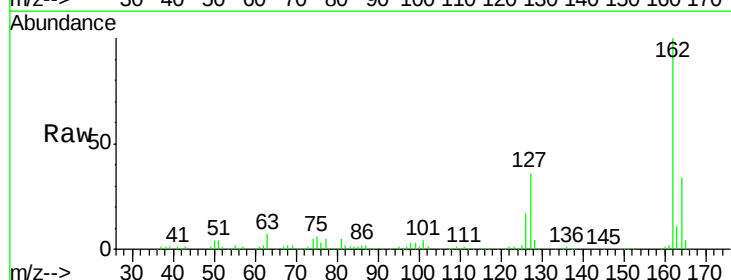
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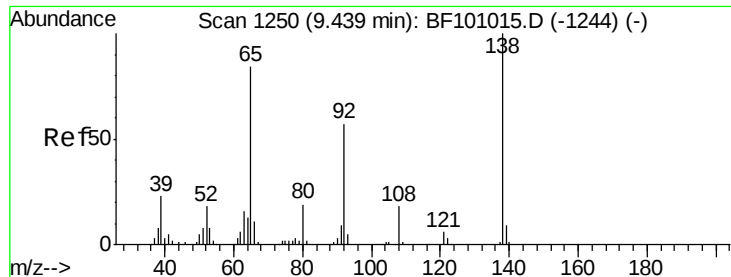
Sohil
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#46
 2-Chloronaphthalene
 Concen: 34.92 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. 0.01 min
 Lab File: BF101098.D
 Acq: 4 Dec 2017 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	218925		
127	36.1	33.9	50.9	
164	33.6	26.5	39.7	





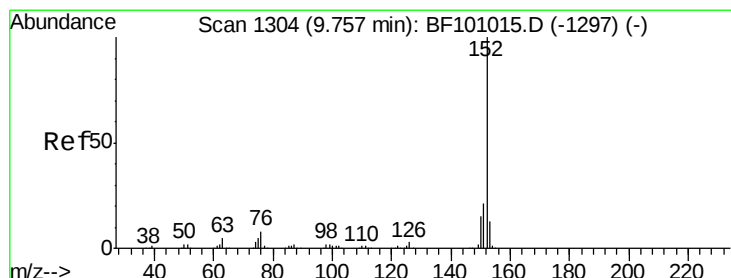
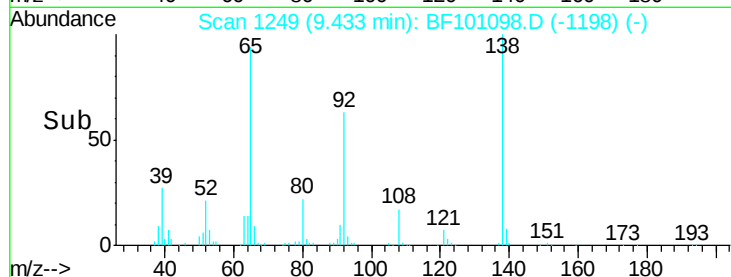
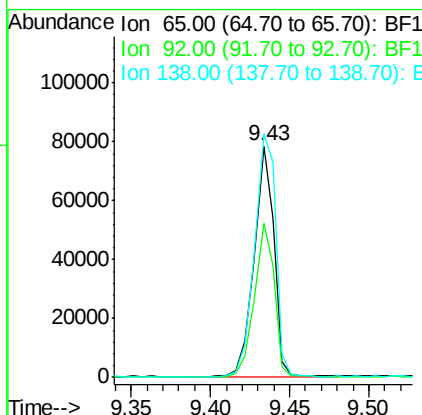
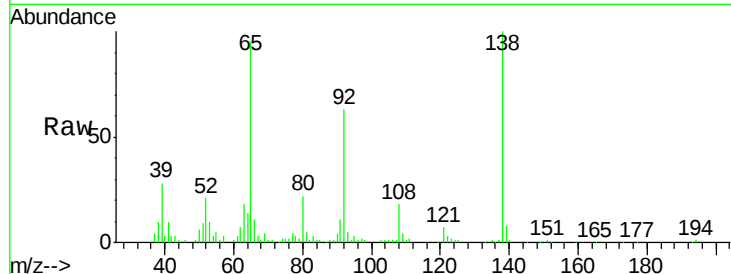
#47
2-Nitroaniline
Concen: 37.47 ng
RT: 9.43 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BF101098.D
Acq: 4 Dec 2017 15:22

Instrument :
BNA_F
ClientSampled :
RT-3874MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	66.8	55.8	83.6
138	105.4	91.2	136.8

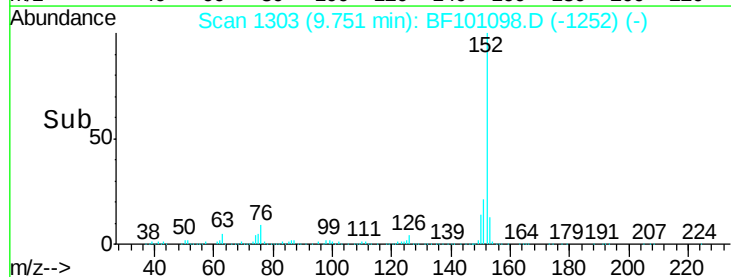
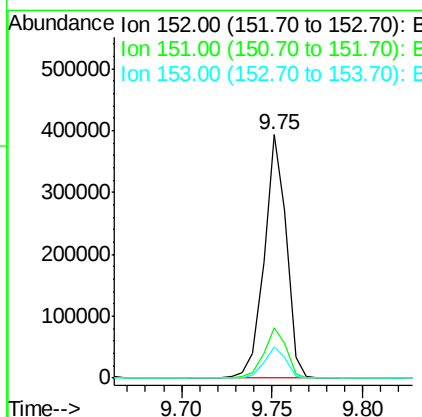
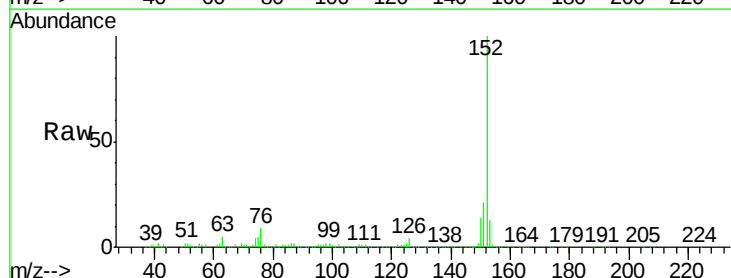
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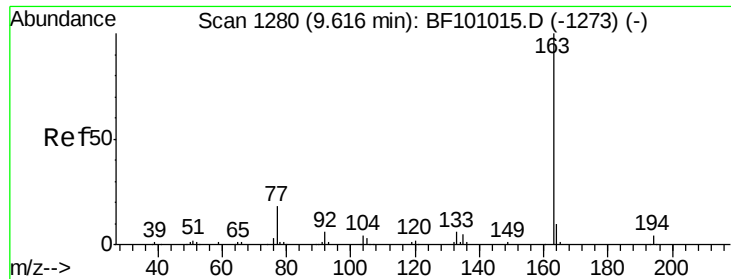
Sohil
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#48
Acenaphthylene
Concen: 32.25 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BF101098.D
Acq: 4 Dec 2017 15:22

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.3	24.5
153	13.0	10.7	16.1





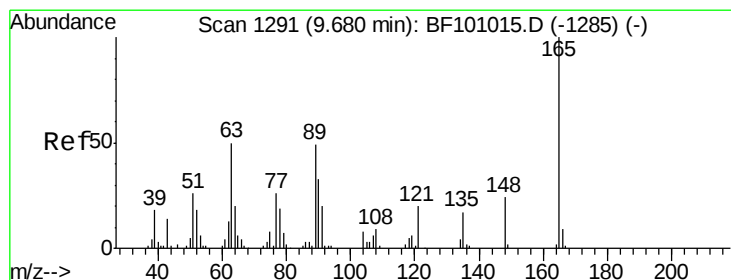
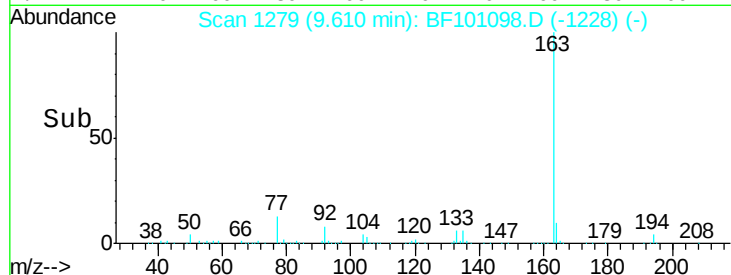
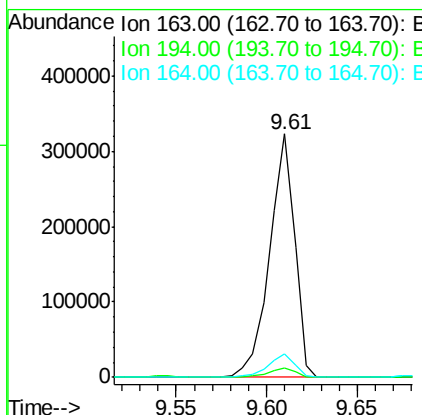
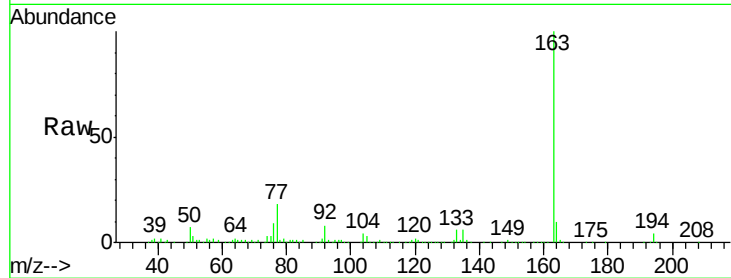
#49
Dimethylphthalate
Concen: 39.74 ng
RT: 9.61 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BF101098.D
Acq: 4 Dec 2017 15:22

Instrument :
BNA_F
ClientSampleId :
RT-3874MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	308757		
194	3.8		2.7	4.1
164	9.9		8.2	12.2

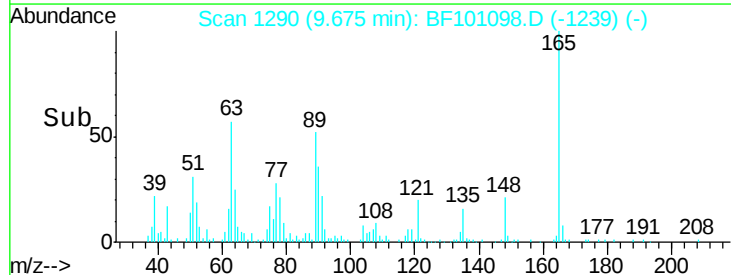
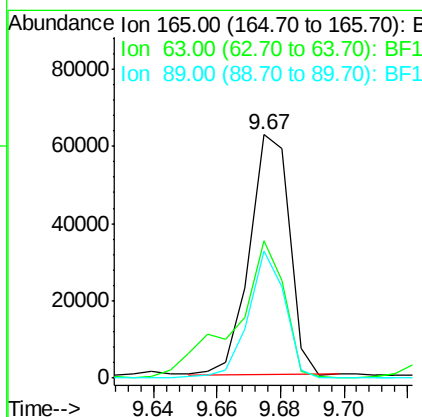
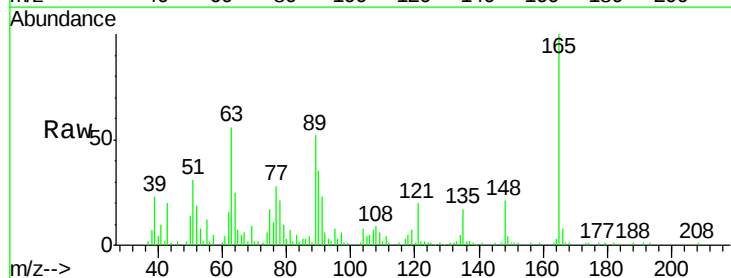
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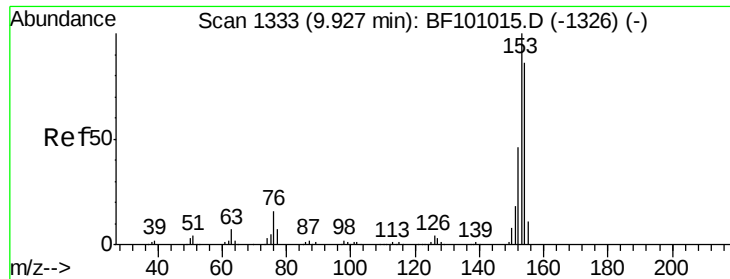
Sohil
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#50
2,6-Dinitrotoluene
Concen: 33.22 ng
RT: 9.67 min Scan# 1290
Delta R.T. 0.00 min
Lab File: BF101098.D
Acq: 4 Dec 2017 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	54356		
63	56.4		44.7	67.1
89	52.0		44.0	66.0





#51

Acenaphthene

Concen: 31.35 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.01 min

Lab File: BF101098.D

Acq: 4 Dec 2017 15:22

Instrument :

BNA_F

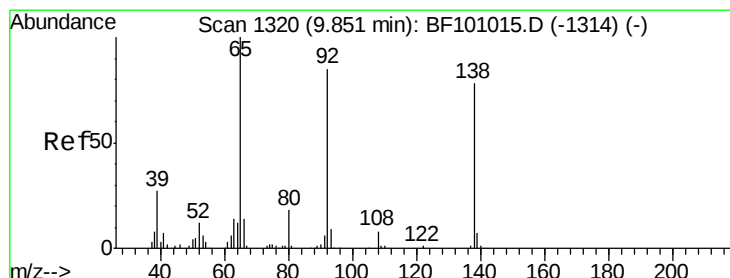
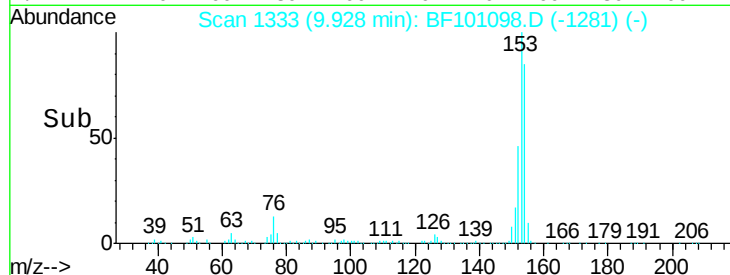
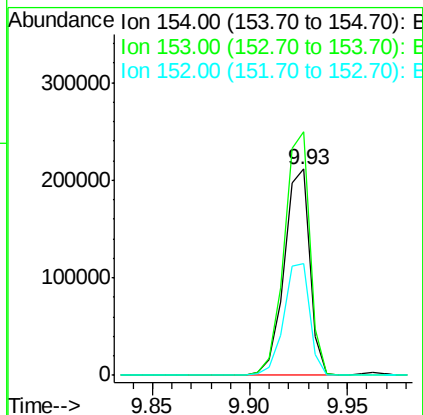
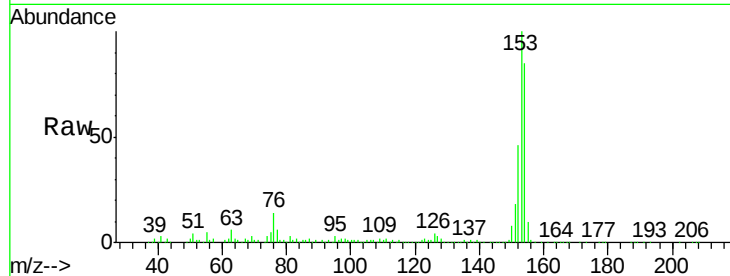
ClientSampleId :

RT-3874MSD

Tot Ion:	154	Resp:	193368
Ion Ratio	Lower	Upper	
154	100		
153	118.0	91.2	136.8
152	54.2	43.8	65.8

Manual Integrations
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#52

3-Nitroaniline

Concen: 27.44 ng

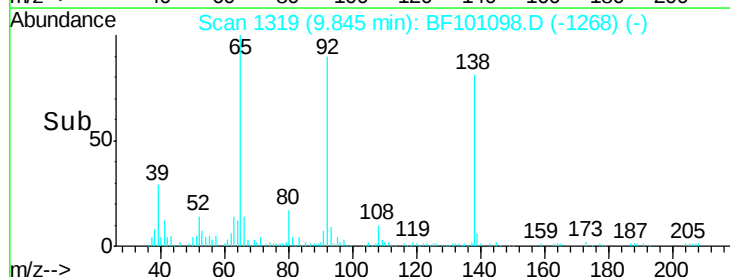
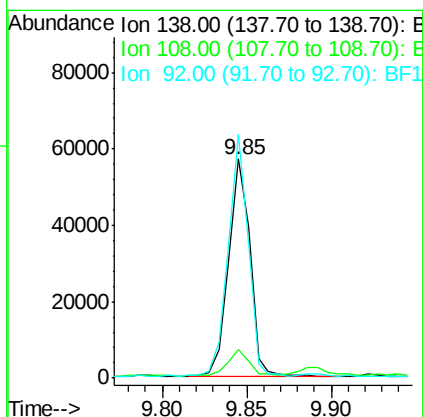
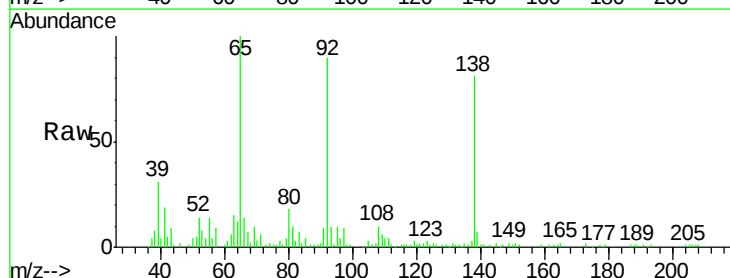
RT: 9.85 min Scan# 1319

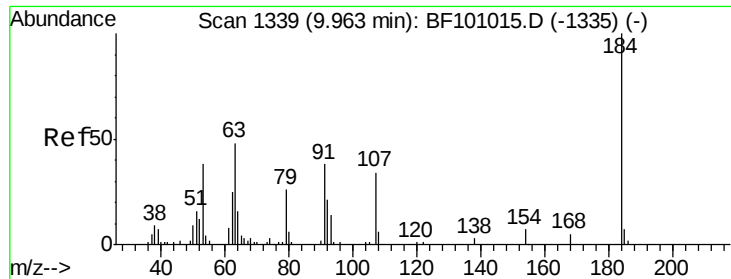
Delta R.T. 0.00 min

Lab File: BF101098.D

Acq: 4 Dec 2017 15:22

Tgt Ion:	138	Resp:	50490
Ion Ratio	Lower	Upper	
138	100		
108	12.8	9.4	14.0
92	111.1	89.4	134.2





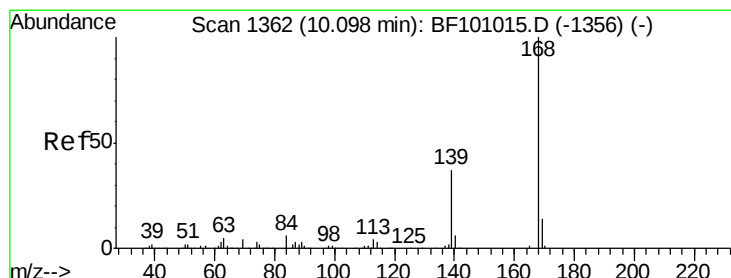
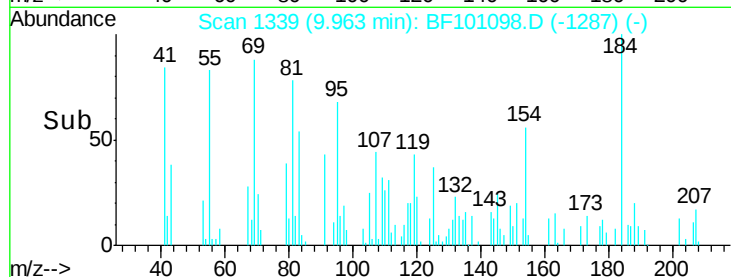
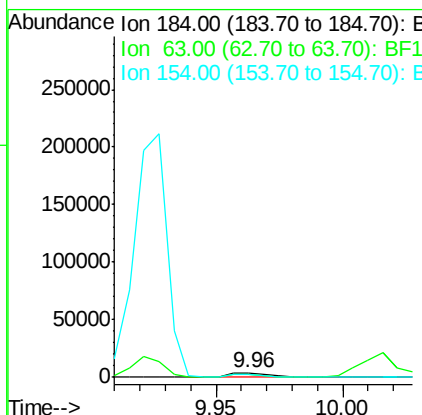
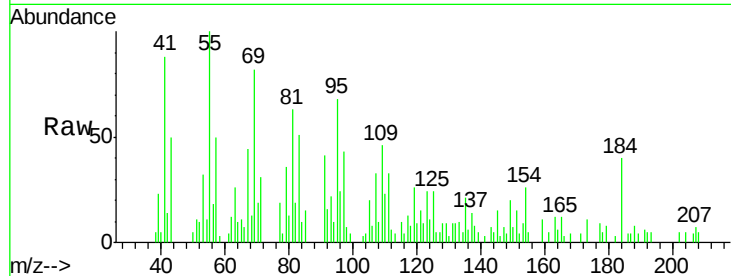
#53
 2,4-Dinitrophenol
 Concen: 9.82 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. 0.01 min
 Lab File: BF101098.D
 Acq: 4 Dec 2017 15:22

Instrument :
 BNA_F
 ClientSampleId :
 RT-3874MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	63.6	54.2	81.2
154	64.5	184.0	276.0#

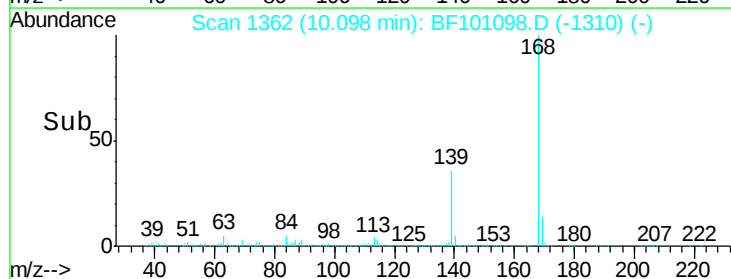
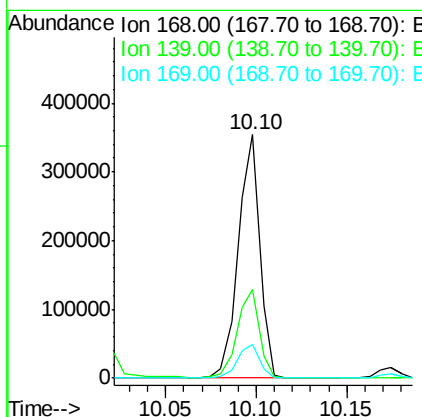
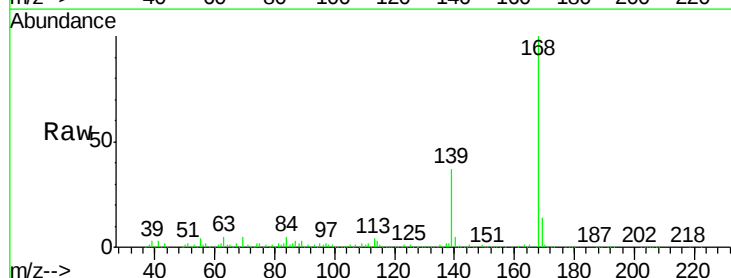
Manual Integrations
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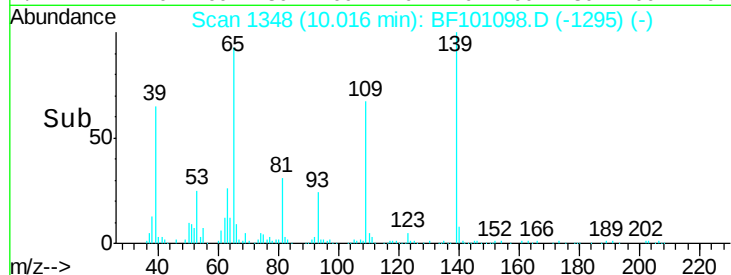
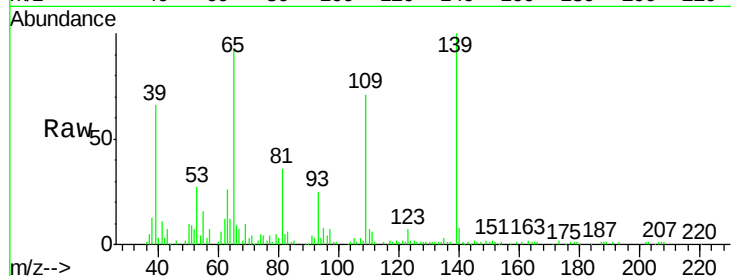
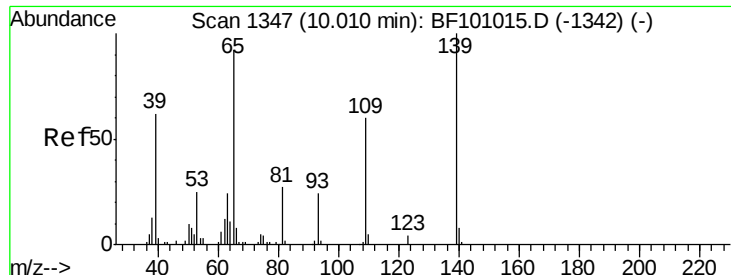
Sohil
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#54
 Dibenzofuran
 Concen: 32.85 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. 0.01 min
 Lab File: BF101098.D
 Acq: 4 Dec 2017 15:22

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.6	30.1	45.1
169	13.8	10.9	16.3





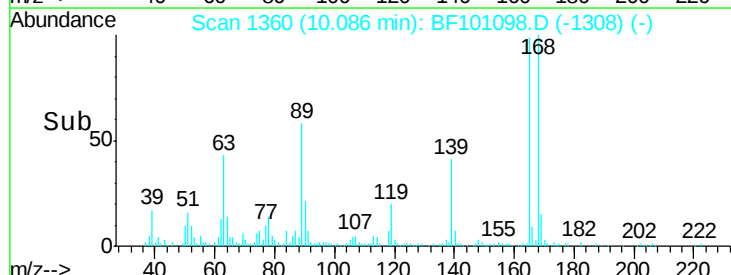
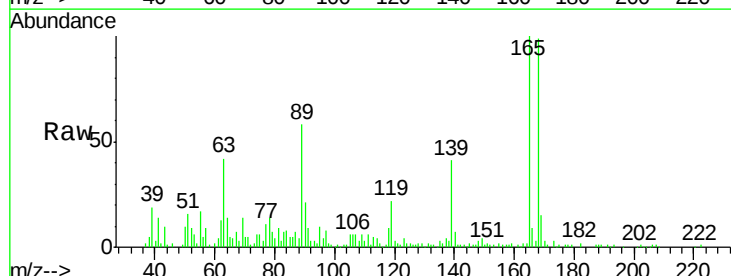
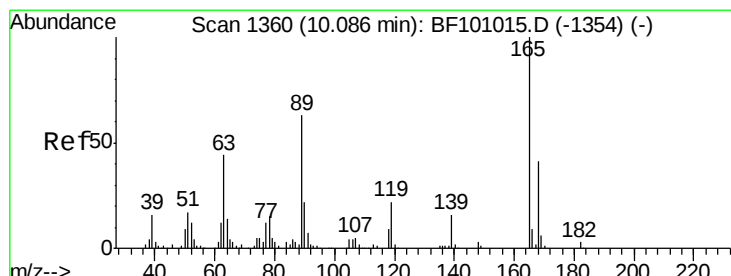
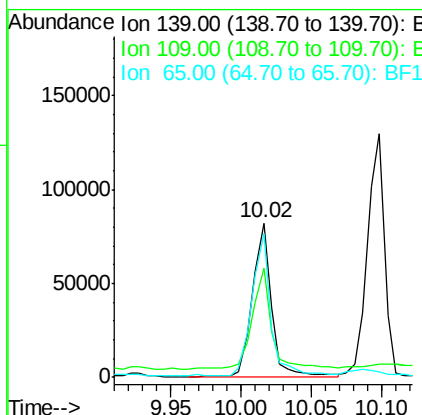
#55
4-Nitrophenol
Concen: 61.89 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF101098.D
Acq: 4 Dec 2017 15:22

Instrument :
BNA_F
ClientSampleId :
RT-3874MSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	70.7	48.4	88.4
65	93.3	72.6	112.6

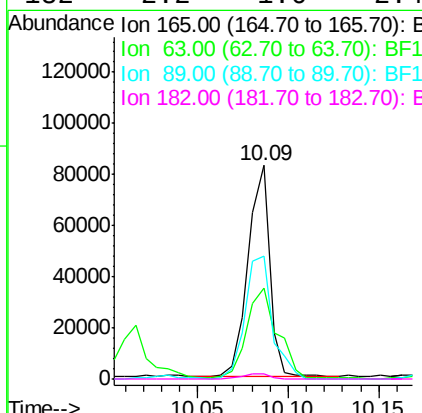
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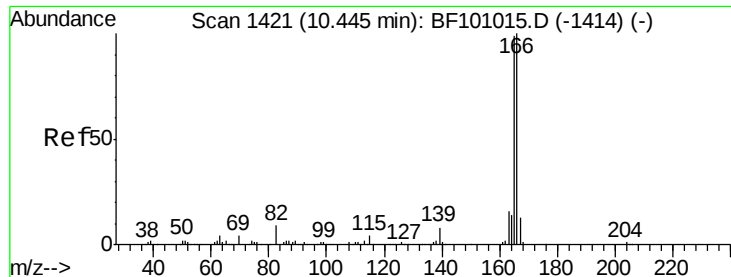
Sohil
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#56
2,4-Dinitrotoluene
Concen: 31.33 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.01 min
Lab File: BF101098.D
Acq: 4 Dec 2017 15:22

Tgt Ion	Ratio	Lower	Upper
165	100		
63	42.3	36.4	54.6
89	57.8	57.8	86.6
182	2.2	1.6	2.4





#57

Fluorene

Concen: 31.62 ng

RT: 10.44 min Scan# 1420

Delta R.T. 0.00 min

Lab File: BF101098.D

Acq: 4 Dec 2017 15:22

Instrument :

BNA_F

ClientSampleId :

RT-3874MSD

Tot Ion:166 Resp: 228500

Ion Ratio Lower Upper

166 100

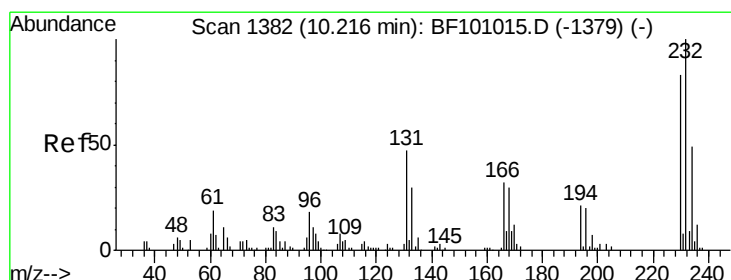
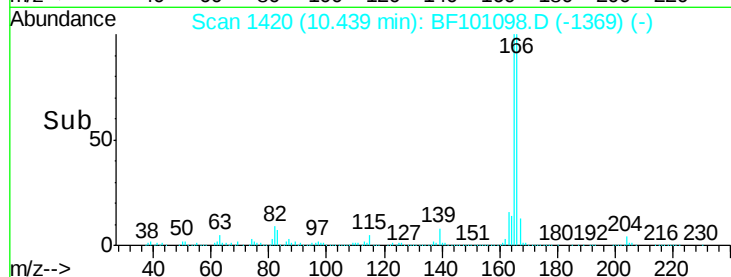
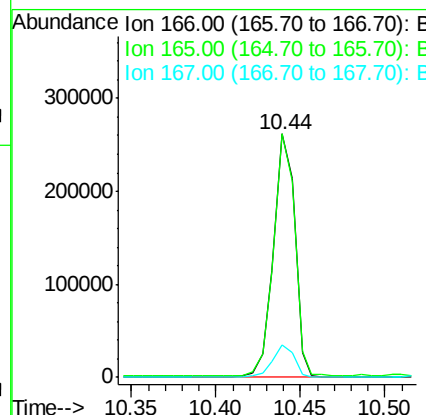
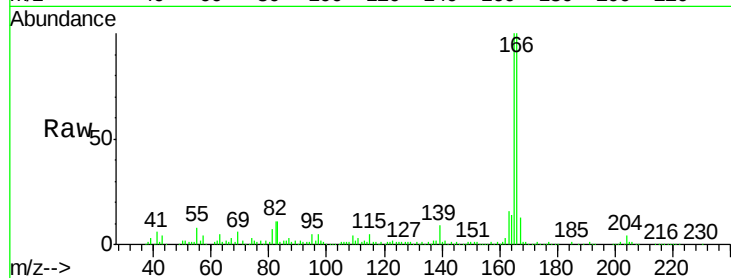
165 100.0 79.8 119.8

167 13.2 10.6 16.0

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 34.42 ng

RT: 10.22 min Scan# 1382

Delta R.T. 0.00 min

Lab File: BF101098.D

Acq: 4 Dec 2017 15:22

Tgt Ion:232 Resp: 60449

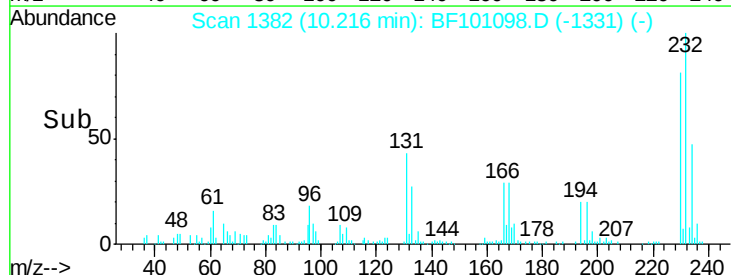
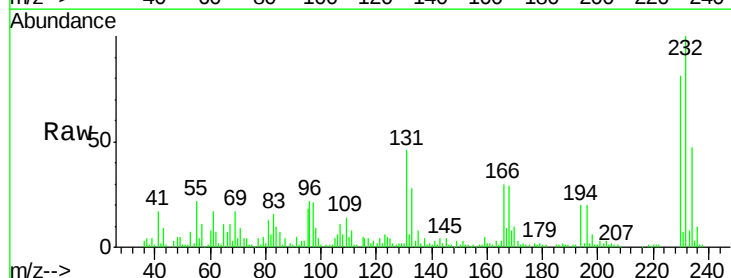
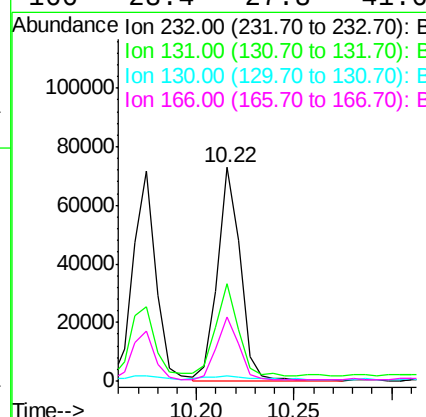
Ion Ratio Lower Upper

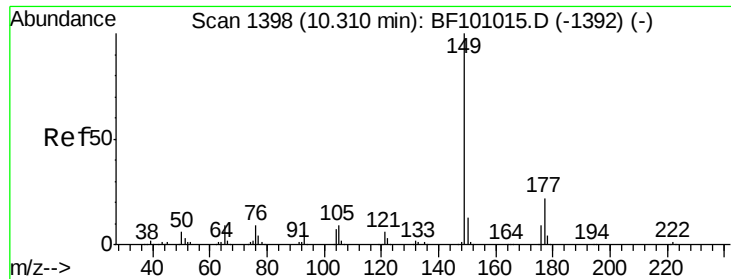
232 100

131 42.4 43.8 65.8#

130 3.1 2.1 3.1

166 28.4 27.8 41.6





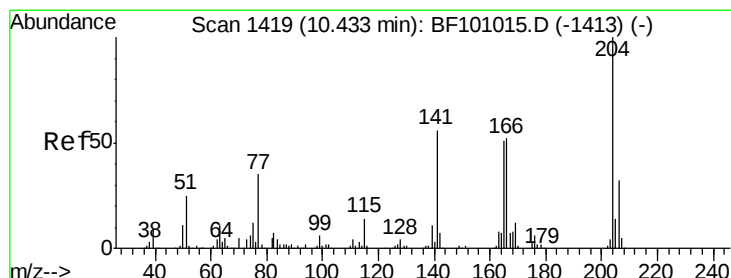
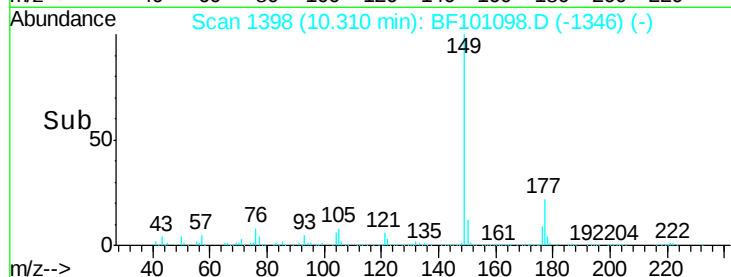
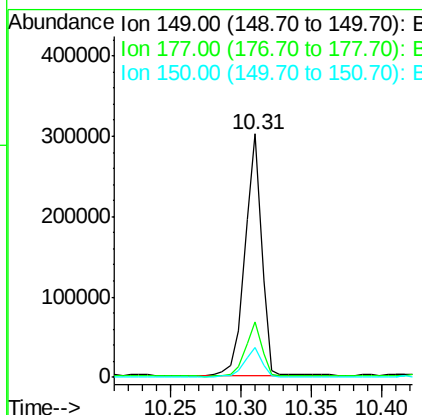
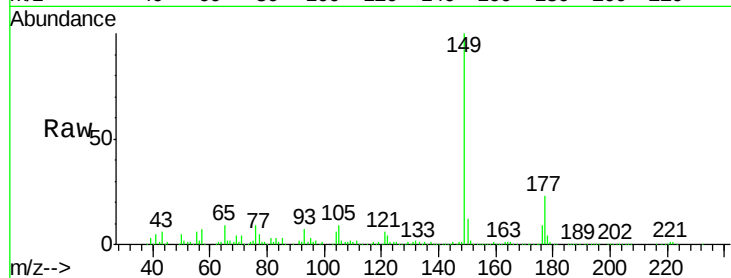
#59
Diethylphthalate
Concen: 32.29 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.01 min
Lab File: BF101098.D
Acq: 4 Dec 2017 15:22

Instrument :
BNA_F
ClientSampleId :
RT-3874MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	247490		
177	22.5	16.1	24.1	
150	12.2	10.1	15.1	

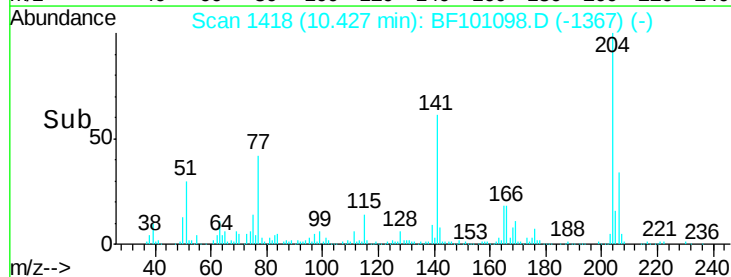
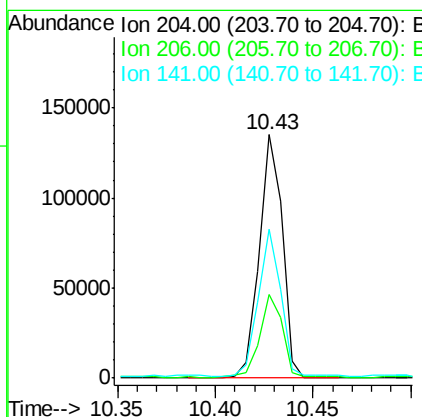
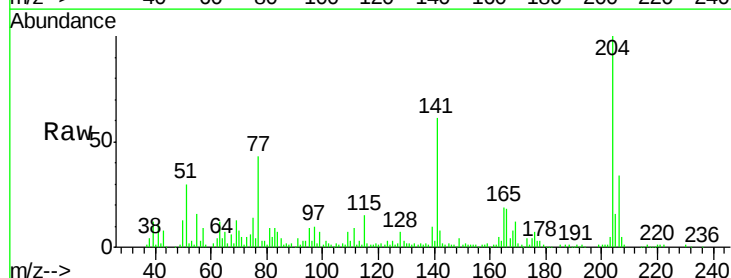
Manual Integrations
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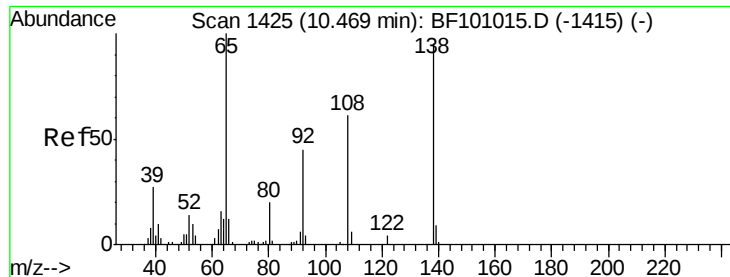
Sohil
12/5/2017 3:24:24 PM



#60
4-Chlorophenyl-phenylether
Concen: 31.09 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF101098.D
Acq: 4 Dec 2017 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	110936		
206	34.2	26.5	39.7	
141	61.4	54.6	81.8	





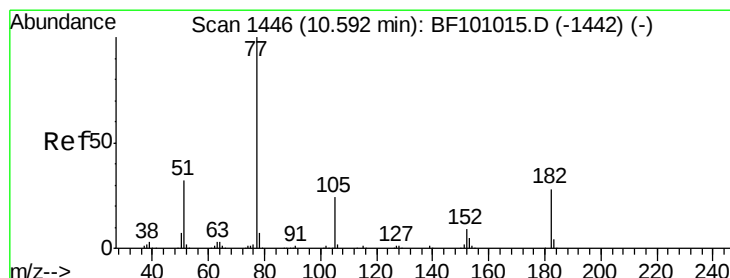
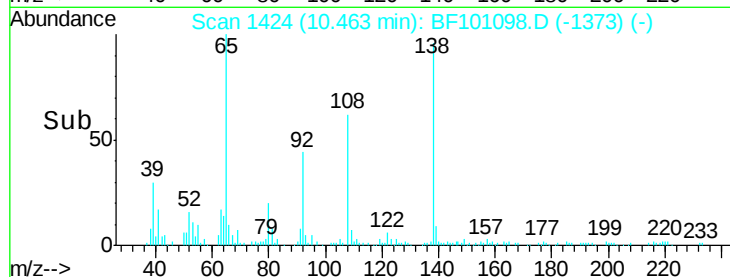
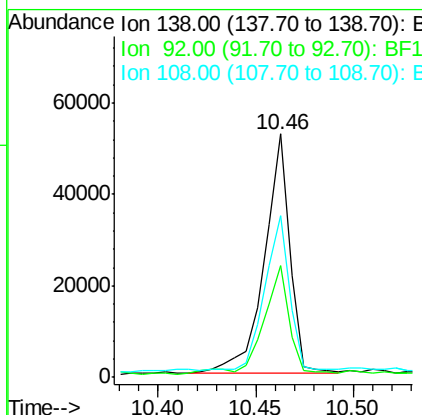
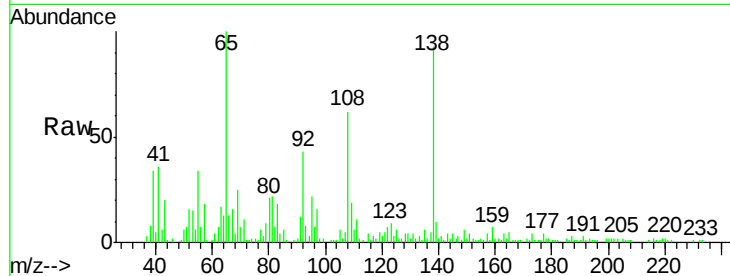
#61
4-Nitroaniline
Concen: 25.15 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF101098.D
Acq: 4 Dec 2017 15:22

Instrument :
BNA_F
ClientSampleId :
RT-3874MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	46.0	30.2	70.2
108	66.5	52.5	92.5

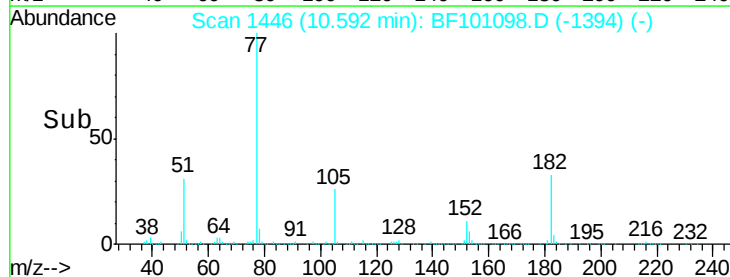
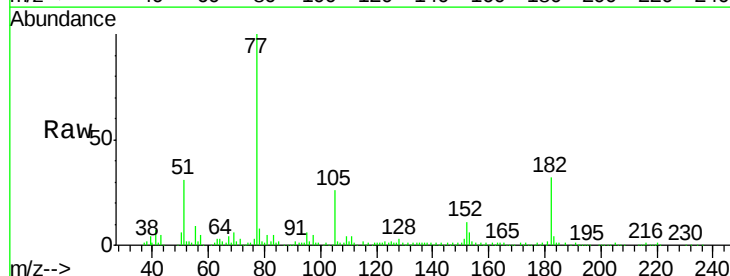
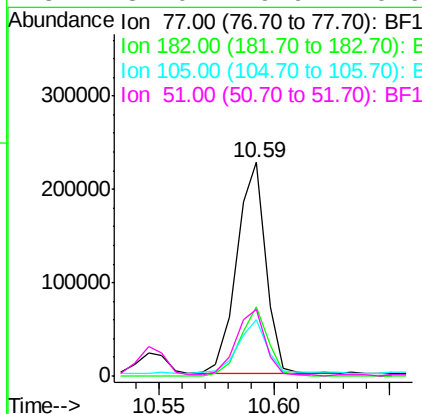
Manual Integrations
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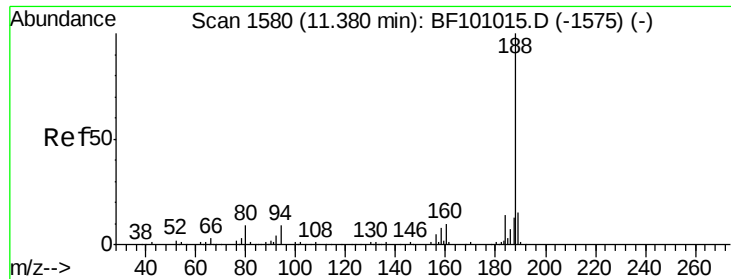
Sohil
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#62
Azobenzene
Concen: 30.37 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF101098.D
Acq: 4 Dec 2017 15:22

Tgt Ion	Ratio	Lower	Upper
77	100		
182	32.3	1.7	41.7
105	26.5	3.0	43.0
51	31.0	9.9	49.9





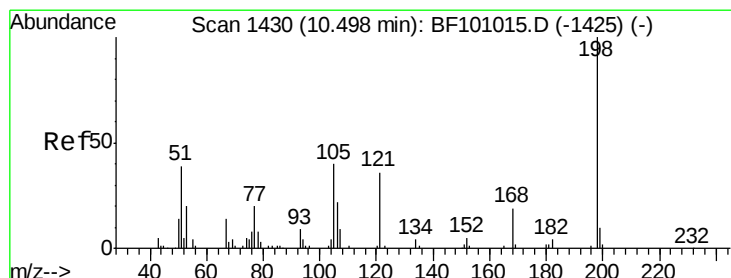
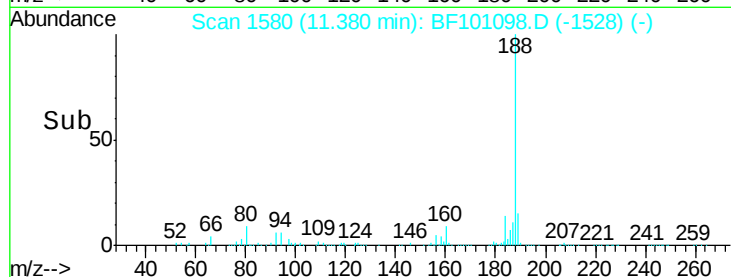
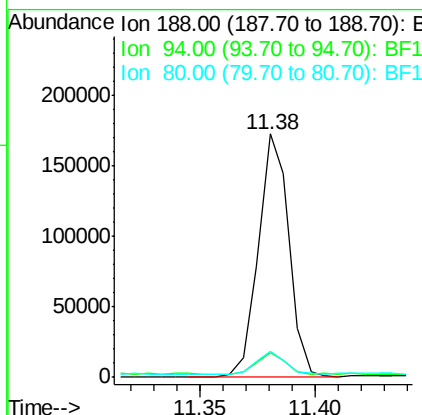
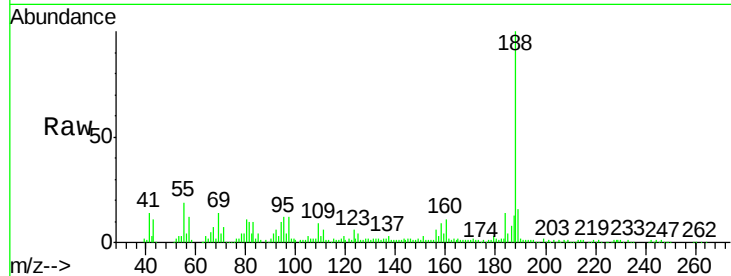
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.01 min
Lab File: BF101098.D
Acq: 4 Dec 2017 15:22

Instrument :
BNA_F
ClientSampleId :
RT-3874MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.0	8.5	12.7
80	10.9	9.2	13.8

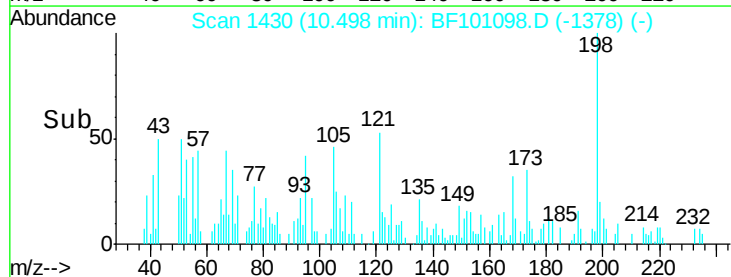
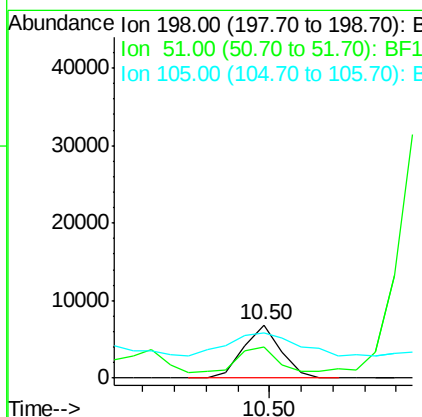
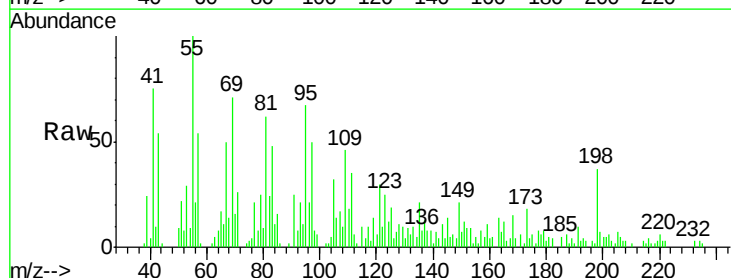
Manual Integrations
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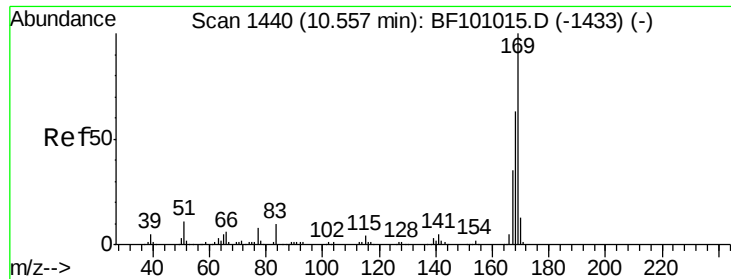
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 5.26 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF101098.D
Acq: 4 Dec 2017 15:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	58.3	37.7	77.7
105	85.3	36.3	76.3#





#65

n-Nitrosodiphenylamine

Concen: 37.93 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF101098.D

Acq: 4 Dec 2017 15:22

Instrument :

BNA_F

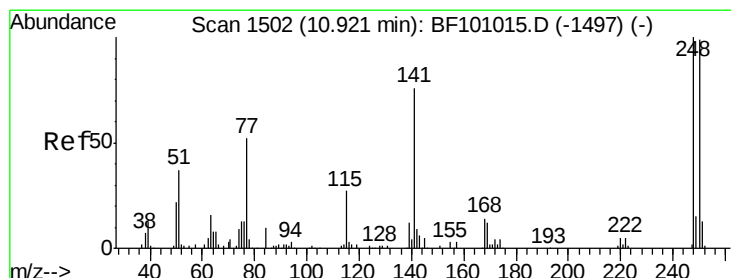
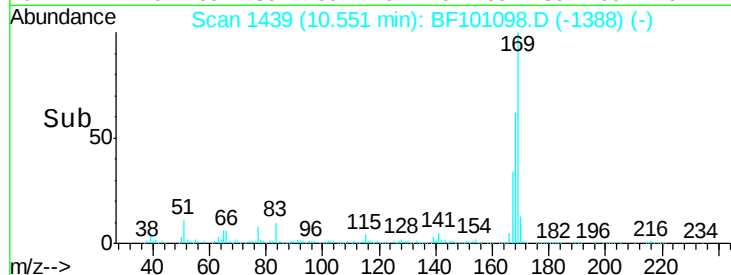
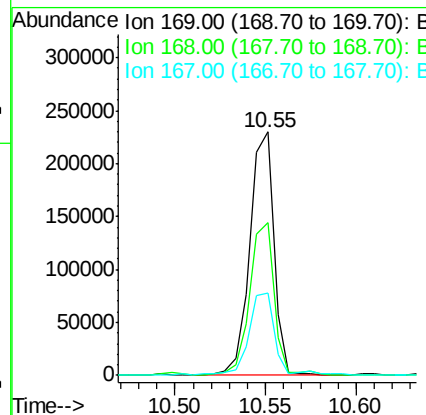
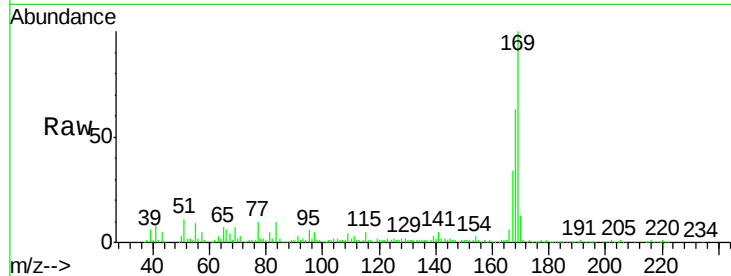
ClientSampleId :

RT-3874MSD

Tot Ion:	169	Resp:	211922
Ion Ratio	Lower	Upper	
169	100		
168	62.5	54.4	81.6
167	33.8	29.8	44.6

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 37.31 ng

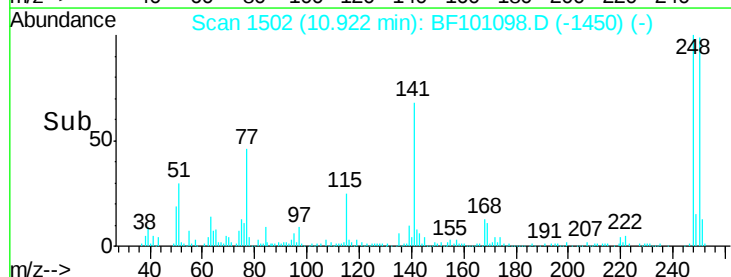
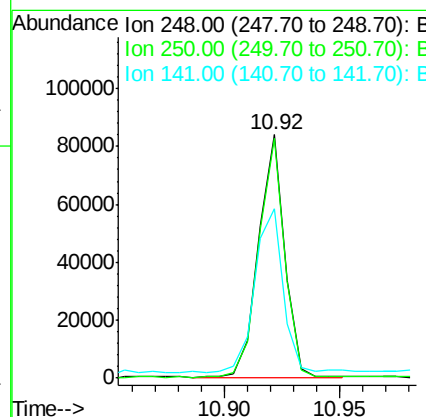
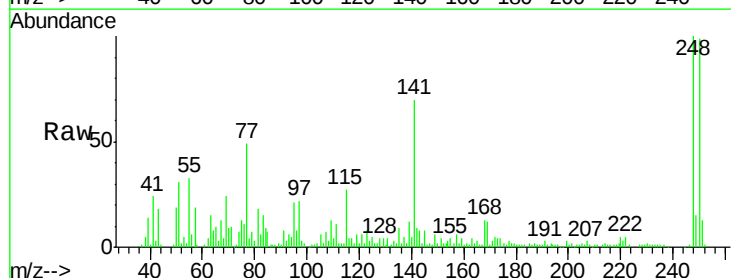
RT: 10.92 min Scan# 1502

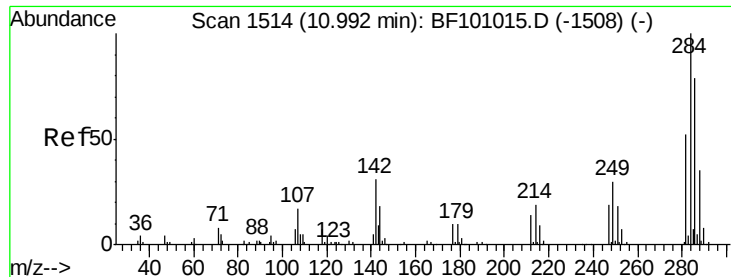
Delta R.T. 0.01 min

Lab File: BF101098.D

Acq: 4 Dec 2017 15:22

Tgt Ion:	248	Resp:	66142
Ion Ratio	Lower	Upper	
248	100		
250	98.6	76.9	115.3
141	69.8	74.4	111.6#





#67

Hexachlorobenzene

Concen: 35.00 ng

RT: 10.99 min Scan# 1514

Delta R.T. 0.01 min

Lab File: BF101098.D

Acq: 4 Dec 2017 15:22

Instrument :

BNA_F

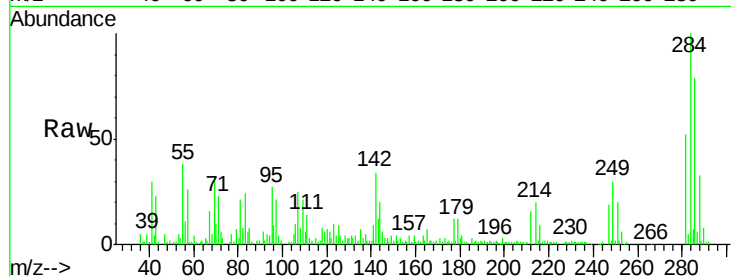
ClientSampled :

RT-3874MSD

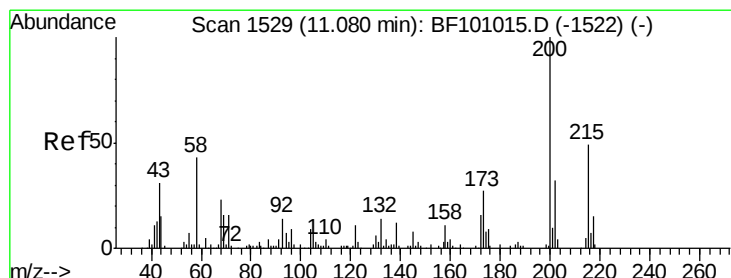
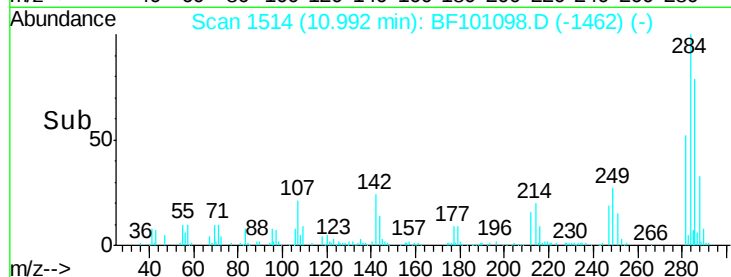
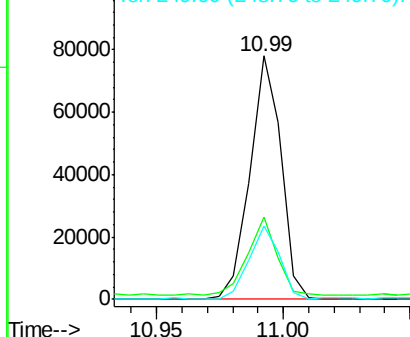
Tot Ion:	284	Resp:	66504
Ion Ratio	Lower	Upper	
284	100		
142	33.8	34.6	52.0#
249	30.2	24.8	37.2

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



#68

Atrazine

Concen: 38.67 ng

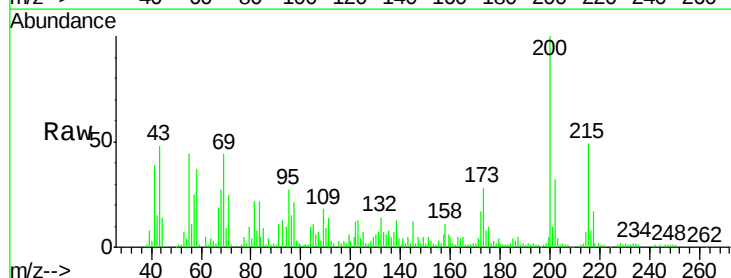
RT: 11.08 min Scan# 1529

Delta R.T. 0.01 min

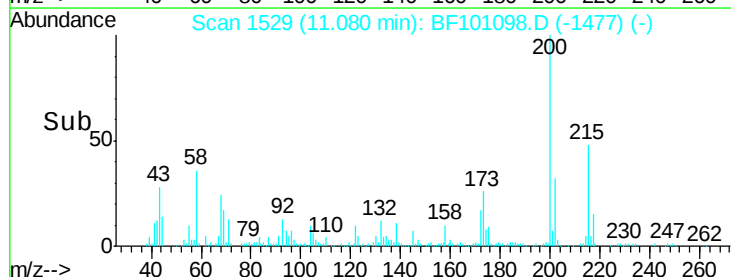
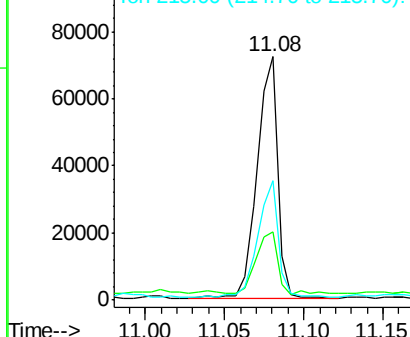
Lab File: BF101098.D

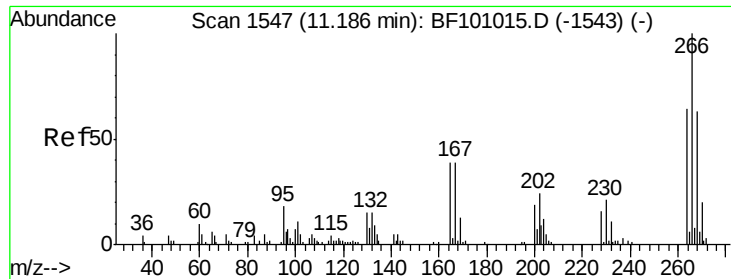
Acq: 4 Dec 2017 15:22

Tgt Ion:	200	Resp:	66282
Ion Ratio	Lower	Upper	
200	100		
173	28.2	8.6	48.6
215	48.9	25.1	65.1



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





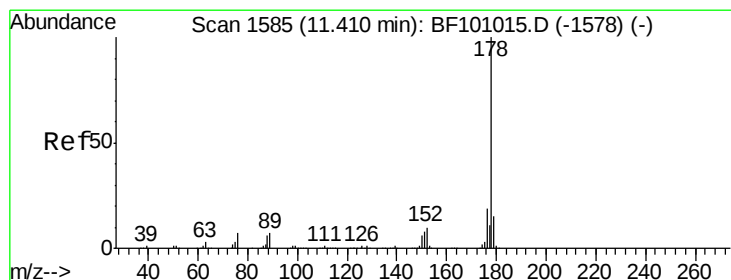
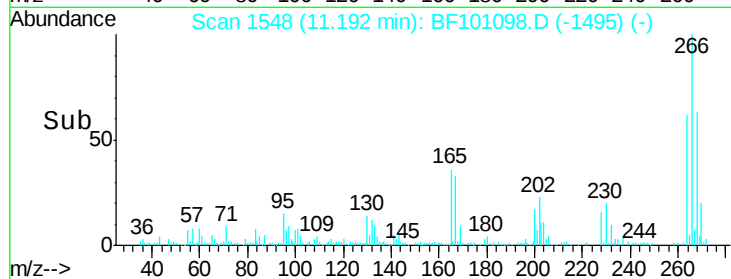
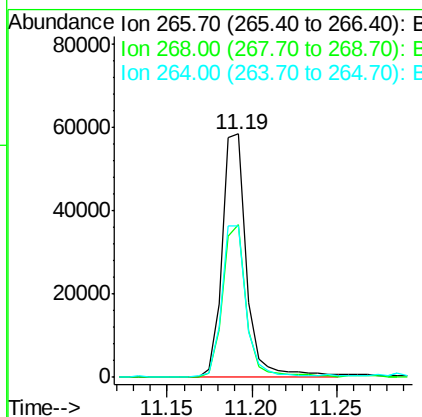
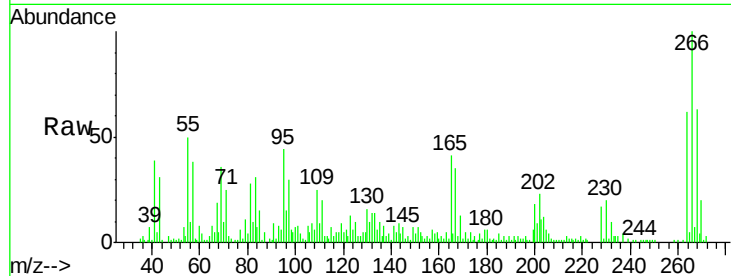
#69
 Pentachlorophenol
 Concen: 56.66 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. 0.01 min
 Lab File: BF101098.D
 Acq: 4 Dec 2017 15:22

Instrument :
 BNA_F
 ClientSampleId :
 RT-3874MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	59190		
268	62.9		51.1	76.7
264	62.4		49.5	74.3

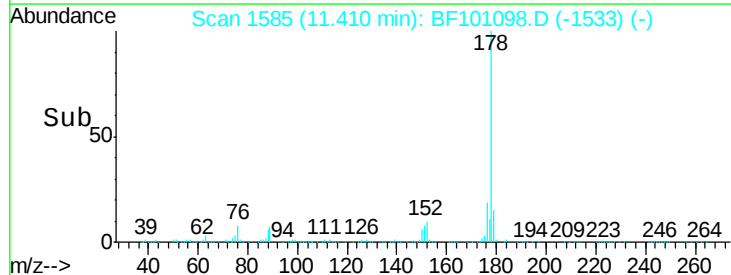
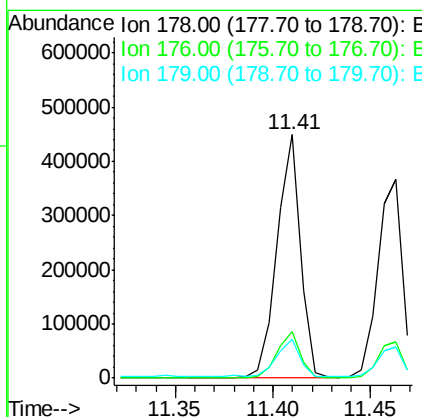
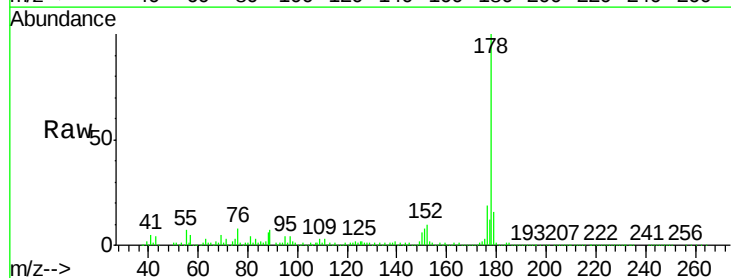
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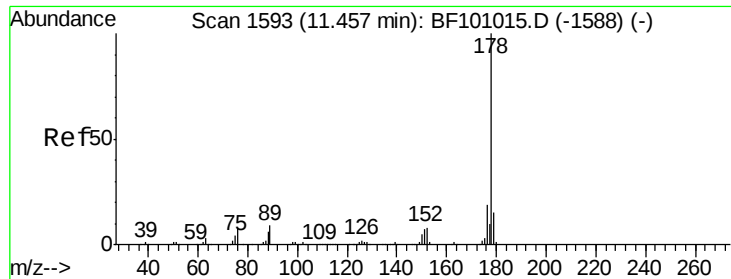
Sohil
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#70
 Phenanthrene
 Concen: 42.48 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. 0.01 min
 Lab File: BF101098.D
 Acq: 4 Dec 2017 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	370527		
176	19.0		15.8	23.8
179	16.2		13.0	19.6





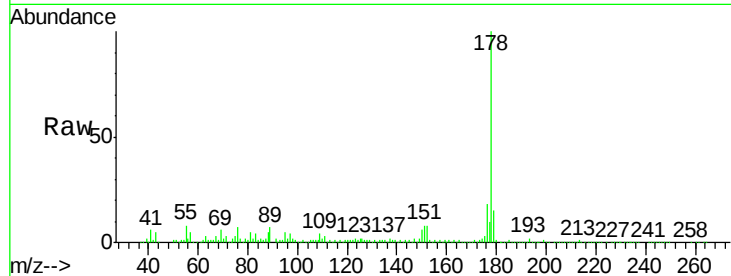
#71
 Anthracene
 Concen: 35.94 ng
 RT: 11.46 min Scan# 1594
 Delta R.T. 0.01 min
 Lab File: BF101098.D
 Acq: 4 Dec 2017 15:22

Instrument :
 BNA_F
 ClientSampleId :
 RT-3874MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.2
179	15.4	12.6	19.0

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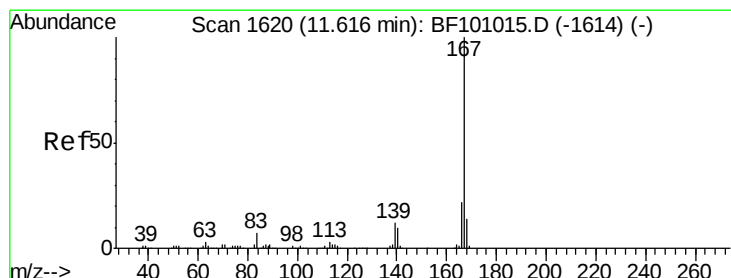
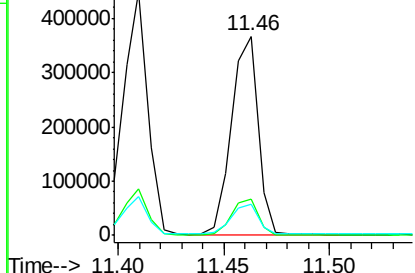
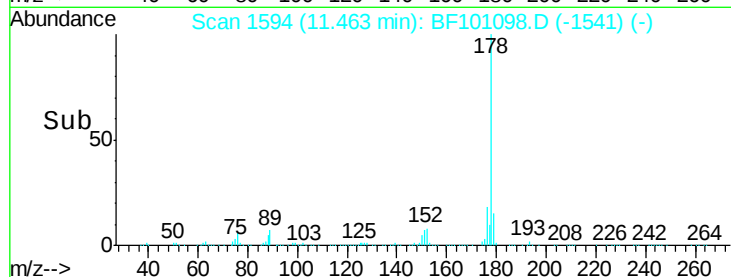


Abundance

Ion 178.00 (177.70 to 178.70): E

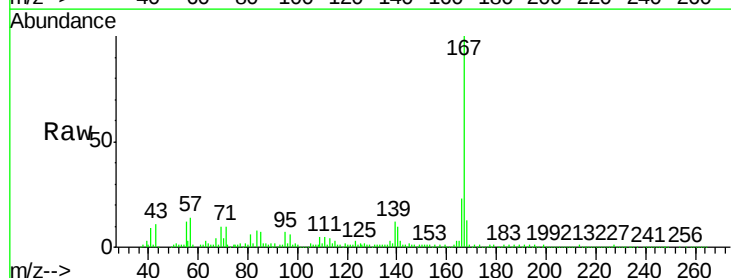
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
 Carbazole
 Concen: 31.34 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. 0.01 min
 Lab File: BF101098.D
 Acq: 4 Dec 2017 15:22

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.2	17.6	26.4
139	12.5	10.9	16.3

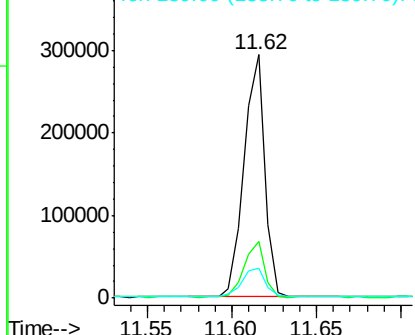
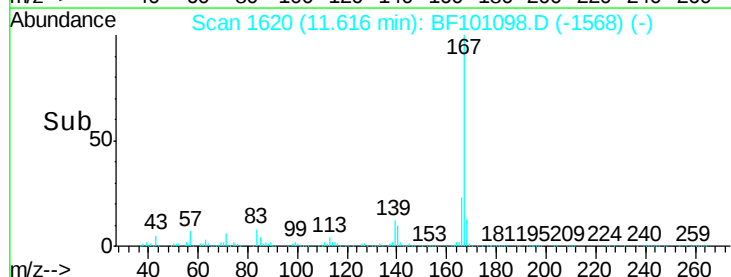


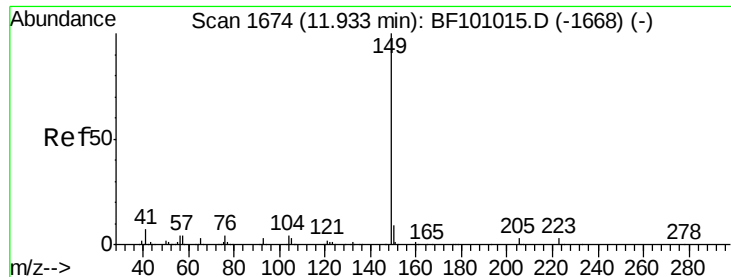
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 35.18 ng

RT: 11.93 min Scan# 1674

Delta R.T. 0.01 min

Lab File: BF101098.D

Acq: 4 Dec 2017 15:22

Instrument :

BNA_F

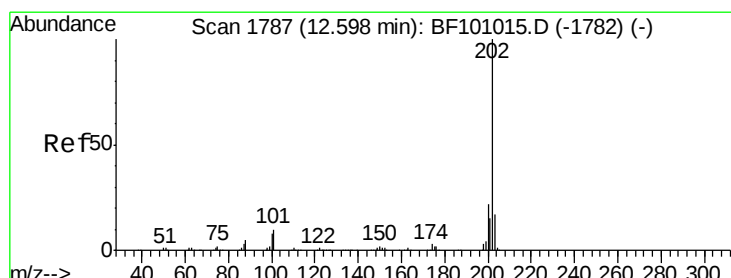
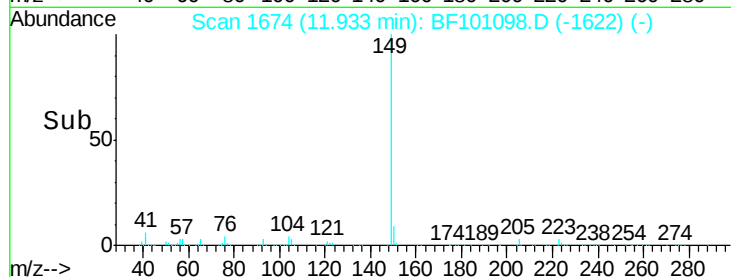
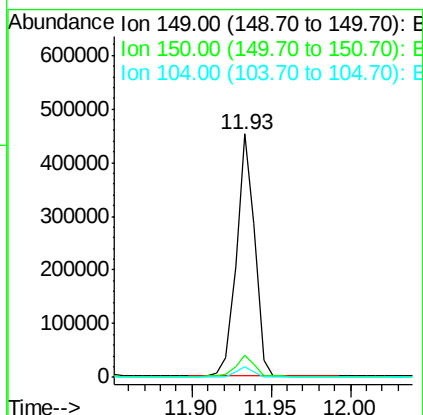
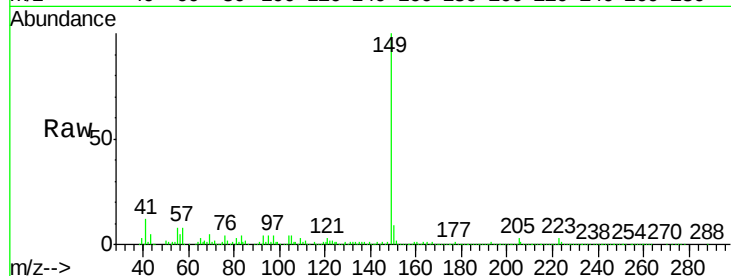
ClientSampleId :

RT-3874MSD

Tot Ion:	149	Resp:	355666
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.8	11.6
104	4.5	3.8	5.8

Manual Integrations
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#74

Fluoranthene

Concen: 41.95 ng

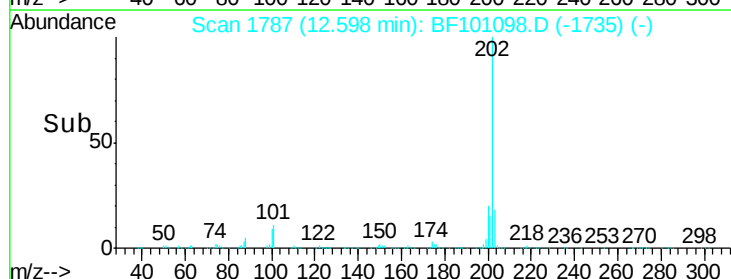
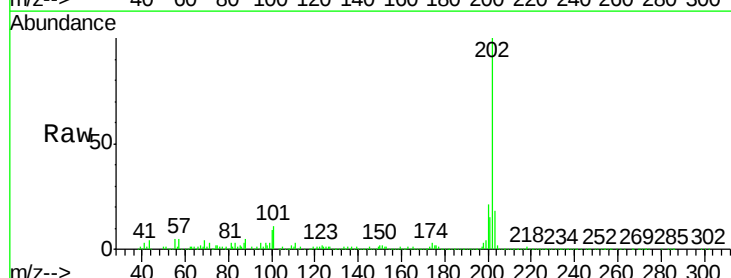
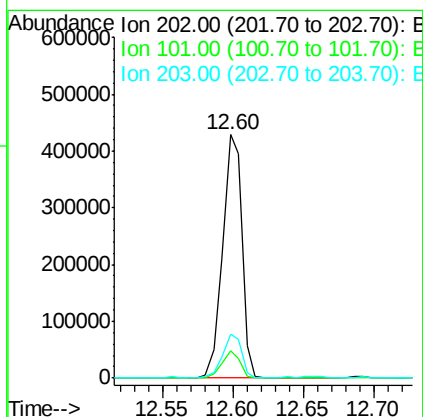
RT: 12.60 min Scan# 1787

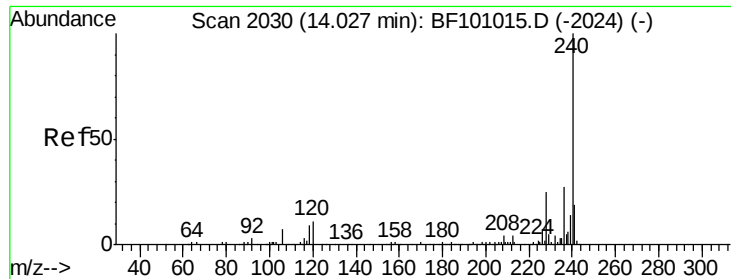
Delta R.T. 0.01 min

Lab File: BF101098.D

Acq: 4 Dec 2017 15:22

Tgt Ion:	202	Resp:	405579
Ion Ratio	Lower	Upper	
202	100		
101	11.2	0.0	34.1
203	18.0	0.0	38.1





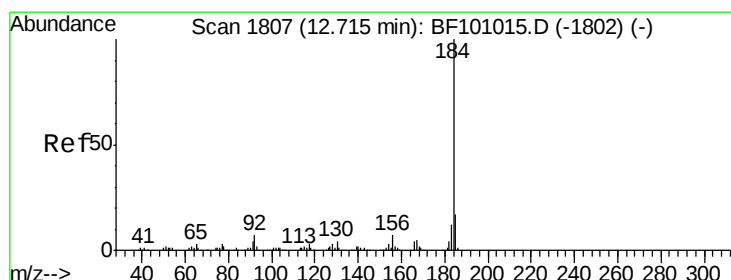
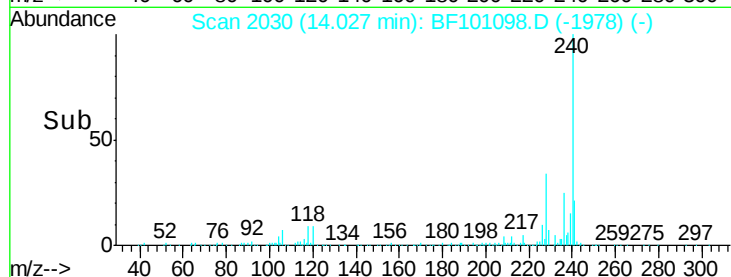
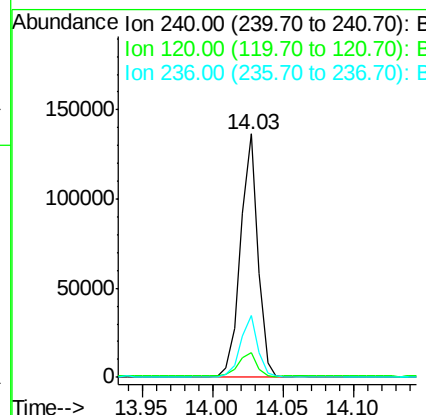
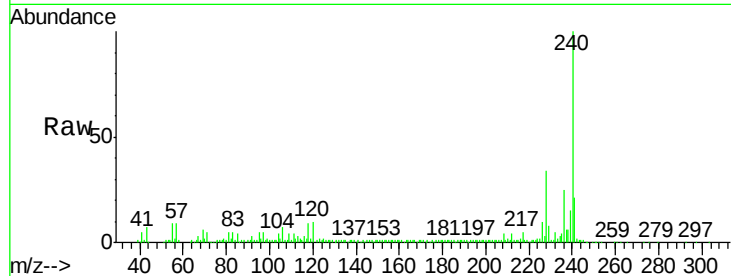
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.01 min
Lab File: BF101098.D
Acq: 4 Dec 2017 15:22

Instrument :
BNA_F
ClientSampleId :
RT-3874MSD

Tot Ion	Ratio	Resp Lower	Upper
240	100		
120	9.9	9.5	14.3
236	25.2	20.7	31.1

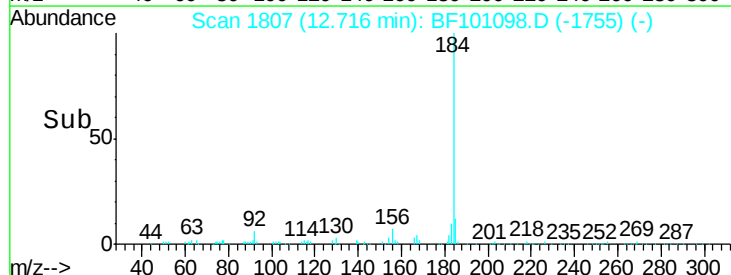
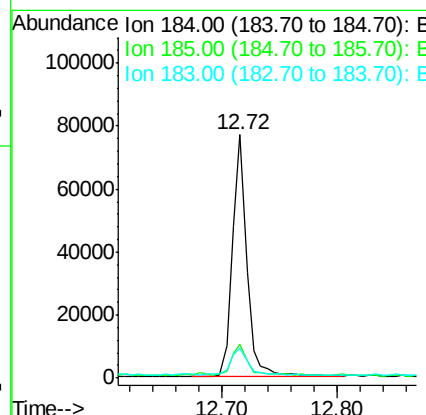
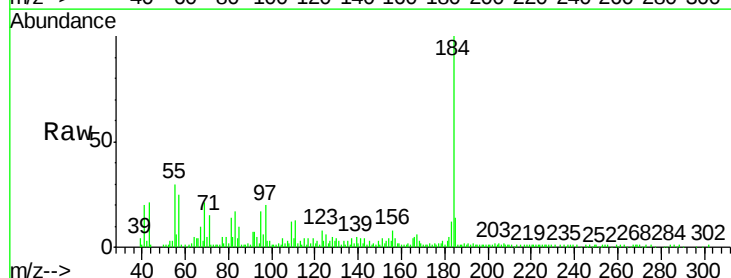
Manual Integrations
APPROVED

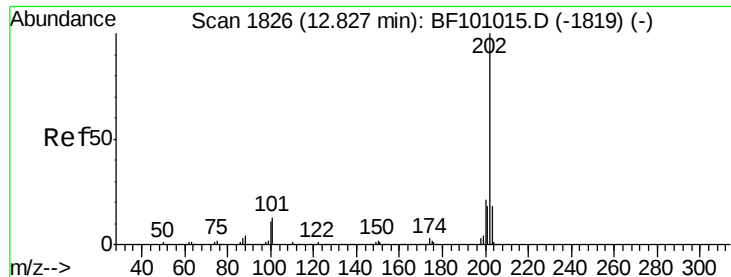
Sohil
12/5/2017 3:24:24 PM



#76
Benzidine
Concen: 17.39 ng
RT: 12.72 min Scan# 1807
Delta R.T. 0.01 min
Lab File: BF101098.D
Acq: 4 Dec 2017 15:22

Tgt Ion	Ratio	Resp Lower	Upper
184	100		
185	13.8	12.6	18.8
183	12.5	9.3	13.9





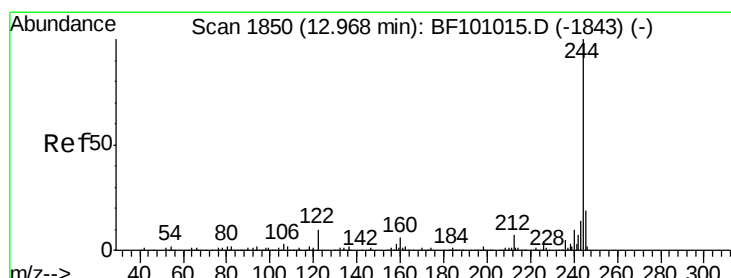
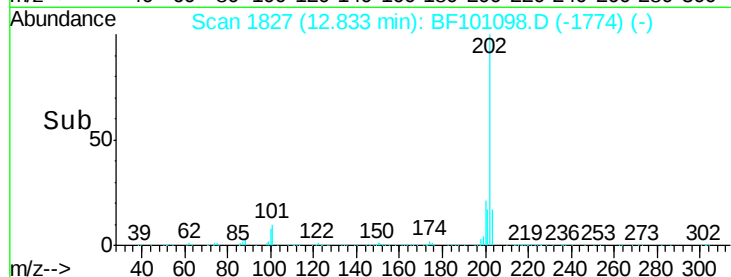
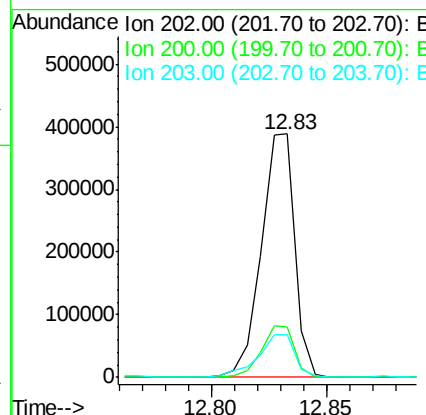
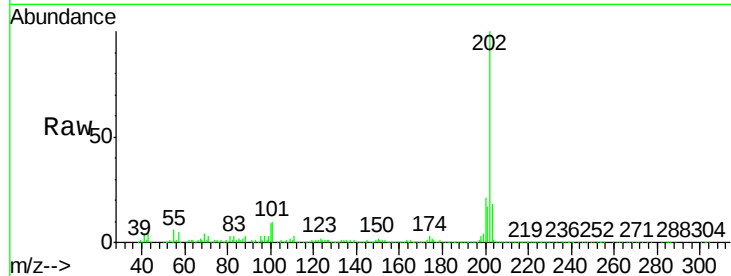
#77
Pvrene
Concen: 48.28 ng
RT: 12.83 min Scan# 1827
Delta R.T. 0.01 min
Lab File: BF101098.D
Acq: 4 Dec 2017 15:22

Instrument :
BNA_F
ClientSampleId :
RT-3874MSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.8	17.4	26.2
203	17.6	14.3	21.5

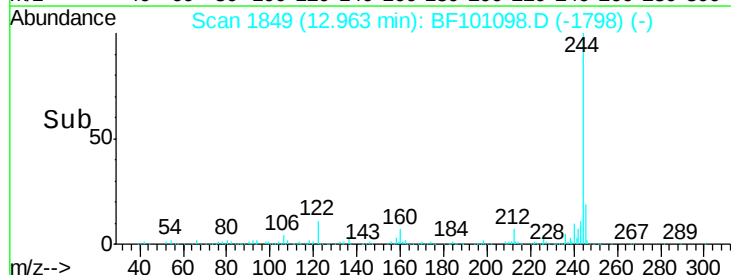
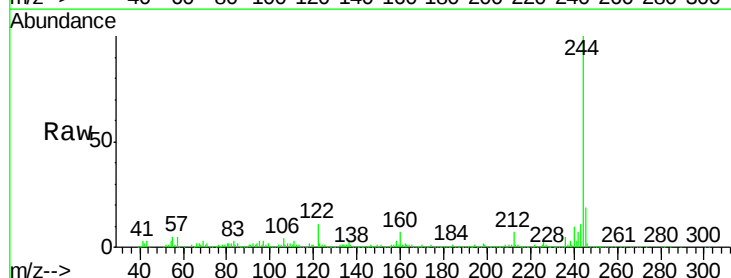
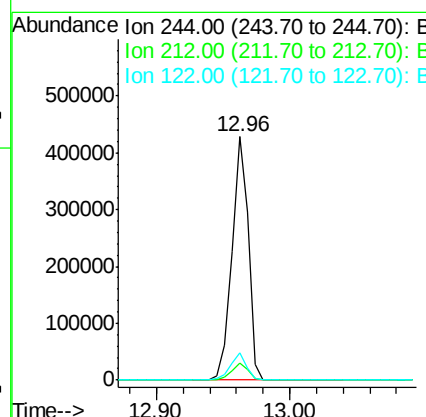
Manual Integrations
APPROVED

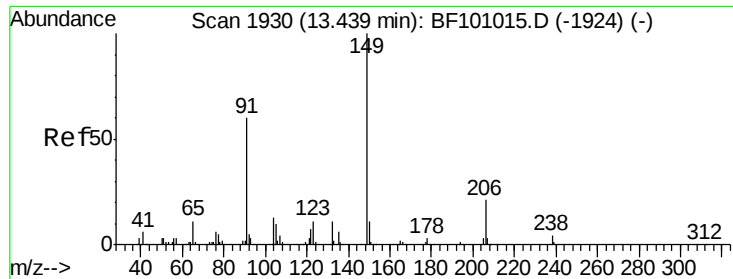
Sohil
12/5/2017 3:24:24 PM



#78
Terphenyl-d14
Concen: 69.29 ng
RT: 12.96 min Scan# 1849
Delta R.T. 0.00 min
Lab File: BF101098.D
Acq: 4 Dec 2017 15:22

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.0	11.0	16.4





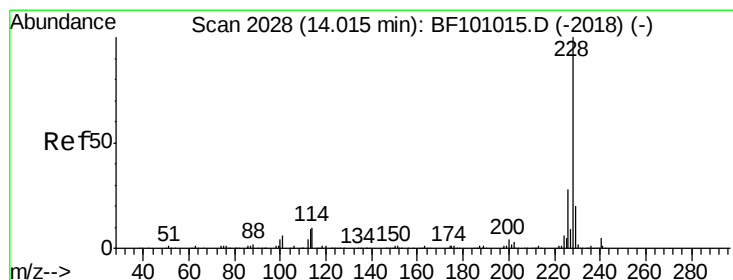
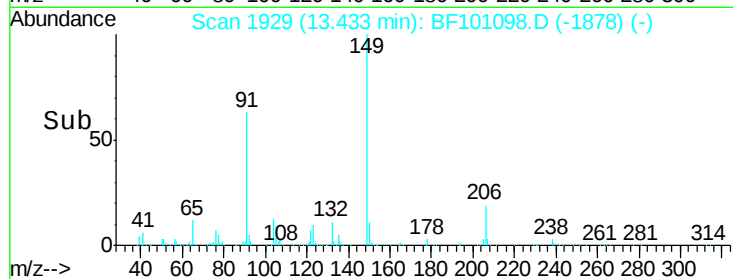
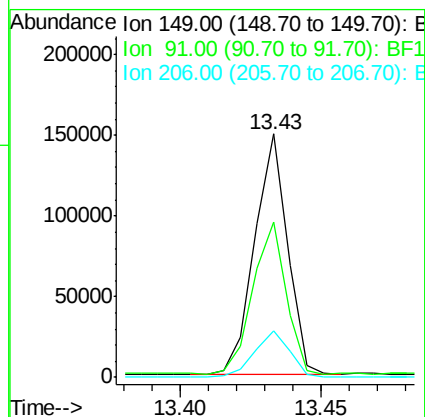
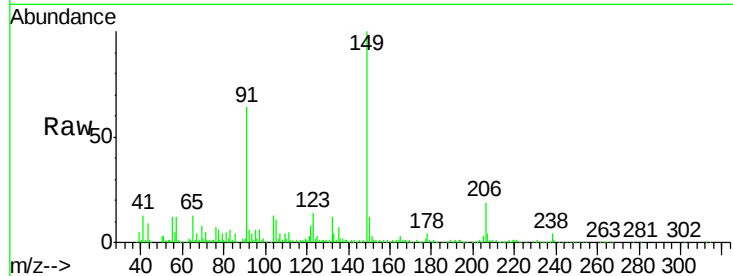
#79
Butylbenzylphthalate
Concen: 33.99 ng
RT: 13.43 min Scan# 1929
Delta R.T. 0.00 min
Lab File: BF101098.D
Acq: 4 Dec 2017 15:22

Instrument :
BNA_F
ClientSampleId :
RT-3874MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	121300		
91	64.0	56.8	85.2	
206	19.2	14.1	21.1	

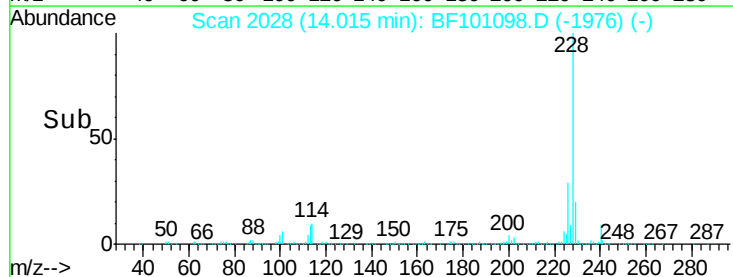
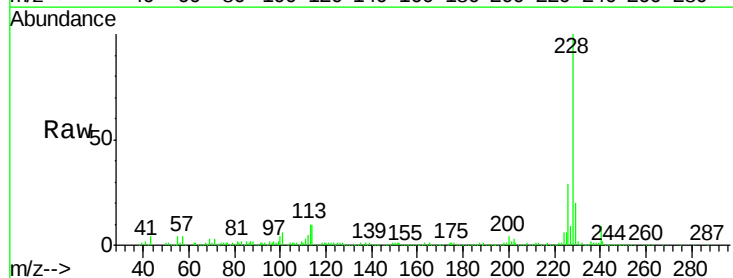
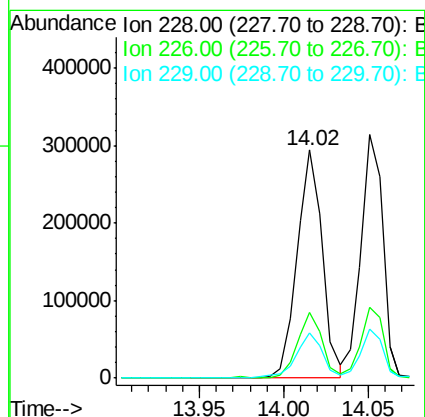
Manual Integrations
APPROVED

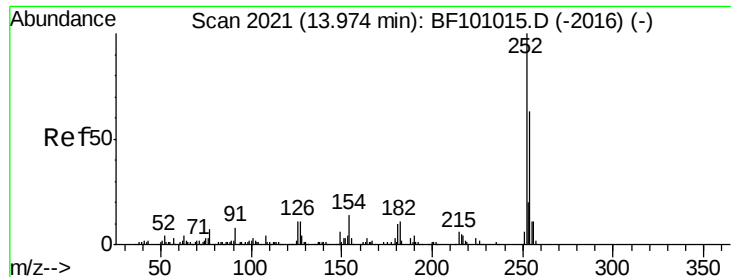
Sohil
12/5/2017 3:24:24 PM



#80
Benzo(a)anthracene
Concen: 41.27 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BF101098.D
Acq: 4 Dec 2017 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	305667		
226	28.9	22.6	33.8	
229	20.0	15.8	23.6	





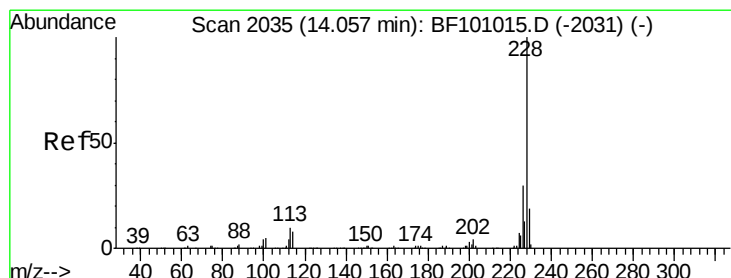
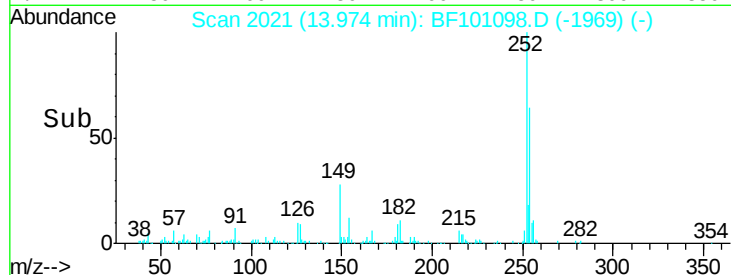
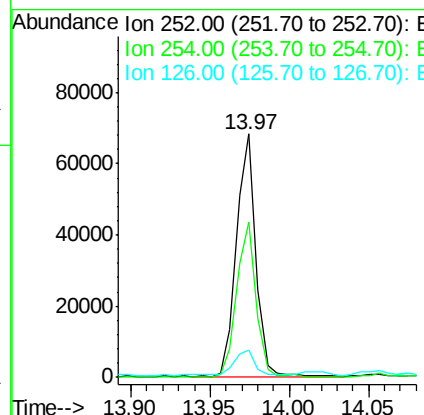
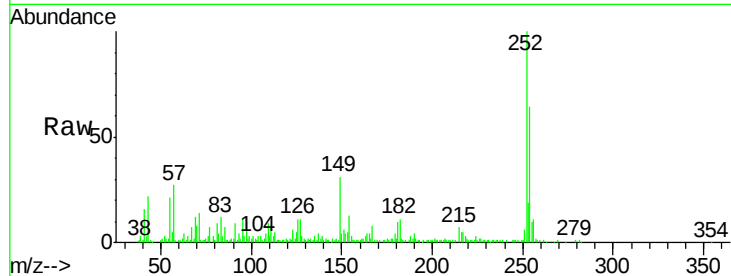
#81
 3,3'-Dichlorobenzidine
 Concen: 22.96 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.01 min
 Lab File: BF101098.D
 Acq: 4 Dec 2017 15:22

Instrument :
 BNA_F
 ClientSampleId :
 RT-3874MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.9	50.4	75.6
126	11.1	11.3	16.9

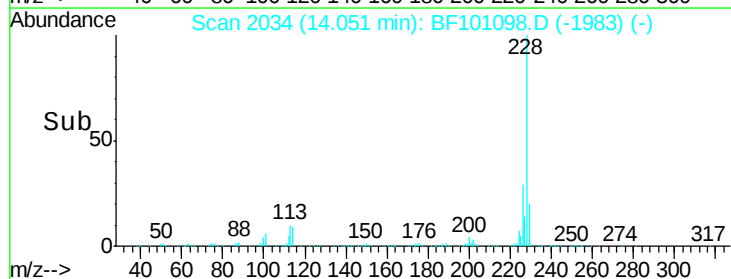
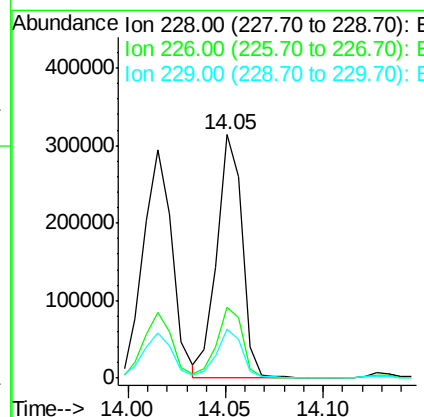
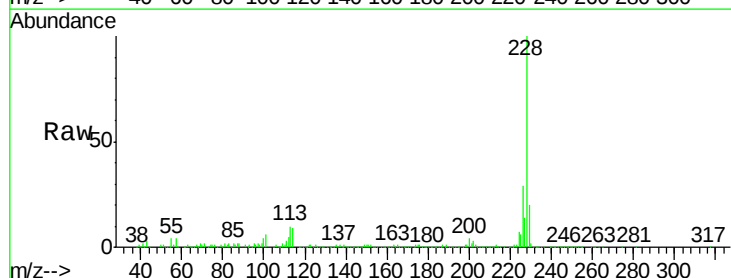
Manual Integrations
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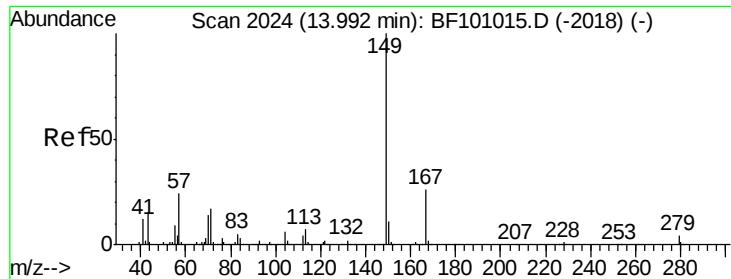
Sohil
 12/5/2017 3:24:24 PM



#82
 Chrysene
 Concen: 41.04 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BF101098.D
 Acq: 4 Dec 2017 15:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	25.0	37.6
229	20.0	16.2	24.4





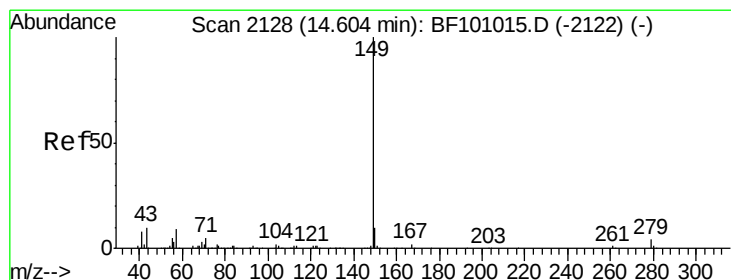
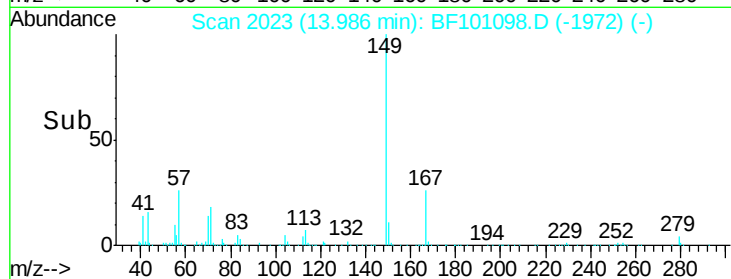
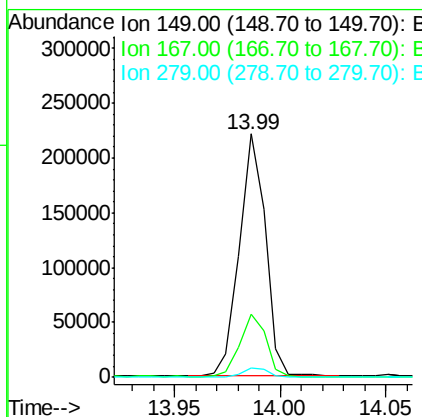
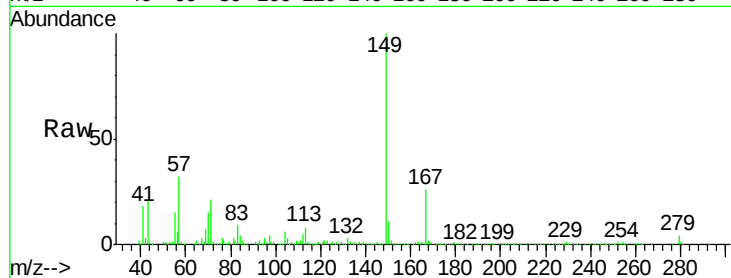
#83
Bis(2-ethylhexyl)phthalate
Concen: 36.84 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BF101098.D
Acq: 4 Dec 2017 15:22

Instrument :
BNA_F
ClientSampleId :
RT-3874MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.3	31.9
279	3.7	3.0	4.4

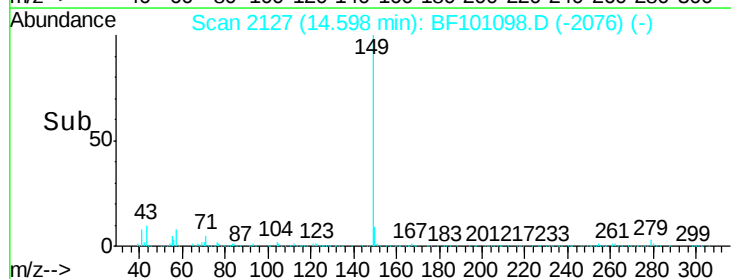
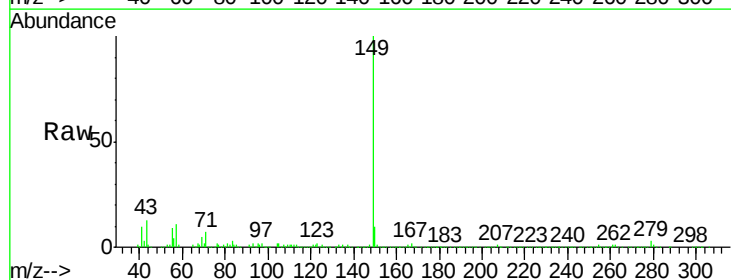
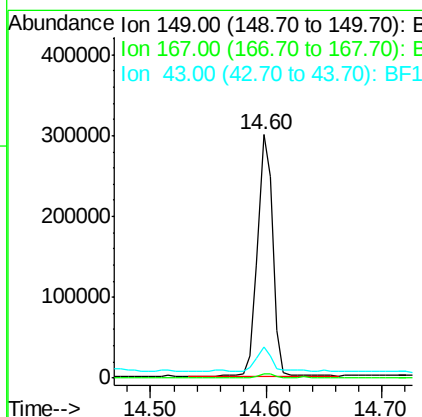
Manual Integrations
APPROVED

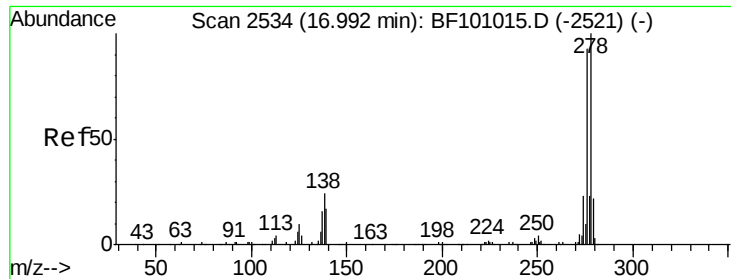
Sohil
12/5/2017 3:24:24 PM



#84
Di-n-octyl phthalate
Concen: 32.77 ng
RT: 14.60 min Scan# 2127
Delta R.T. 0.00 min
Lab File: BF101098.D
Acq: 4 Dec 2017 15:22

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	11.1	8.4	12.6





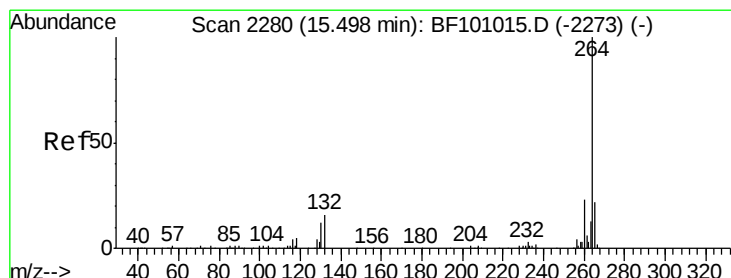
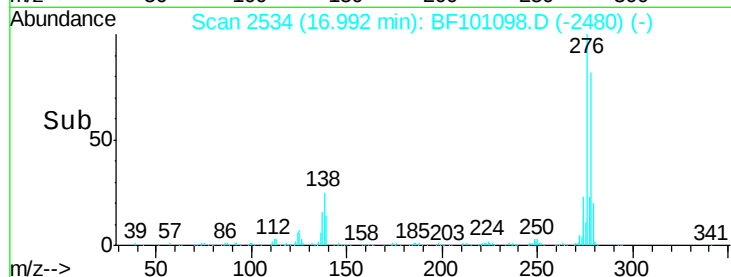
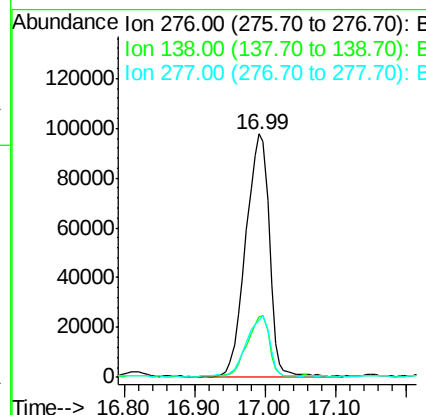
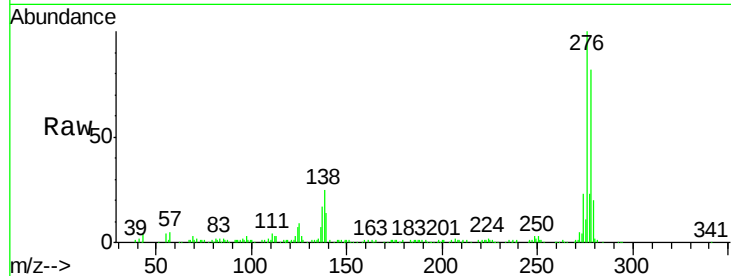
#85
Indeno(1,2,3-cd)pyrene
Concen: 37.53 ng
RT: 16.99 min Scan# 2534
Delta R.T. 0.02 min
Lab File: BF101098.D
Acq: 4 Dec 2017 15:22

Instrument :
BNA_F
ClientSampleId :
RT-3874MSD

Tot Ion	Ratio	Resp	Lower	Upper
276	100	229527		
138	23.3	25.0	37.6#	
277	25.7	20.1	30.1	

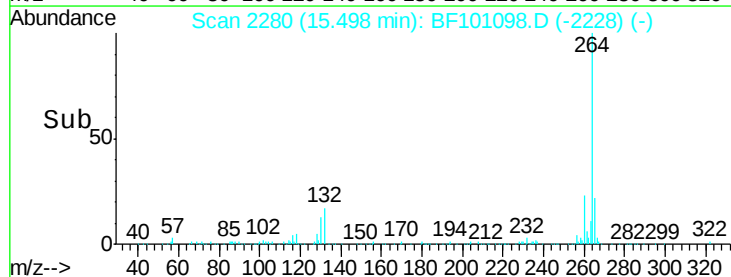
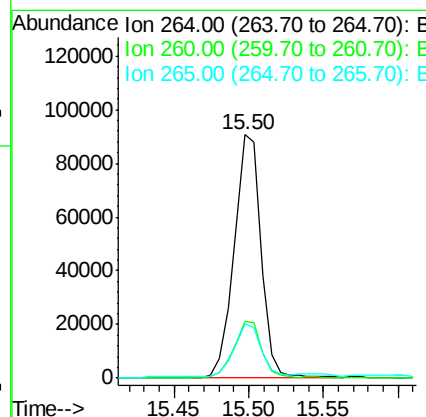
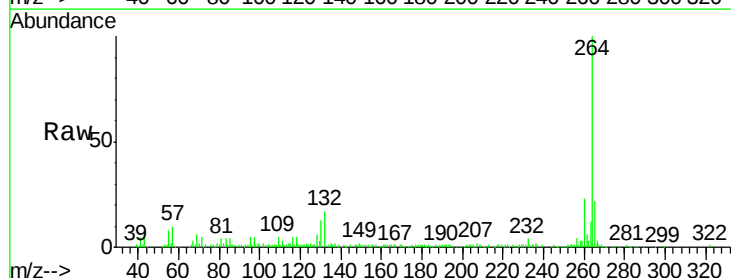
Manual Integrations
APPROVED

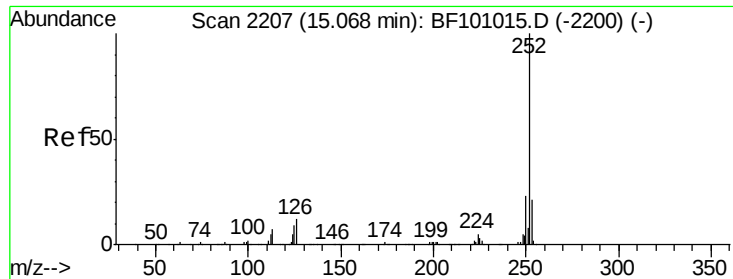
Sohil
12/5/2017 3:24:24 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BF101098.D
Acq: 4 Dec 2017 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	115649		
260	23.4	19.2	28.8	
265	22.2	17.5	26.3	





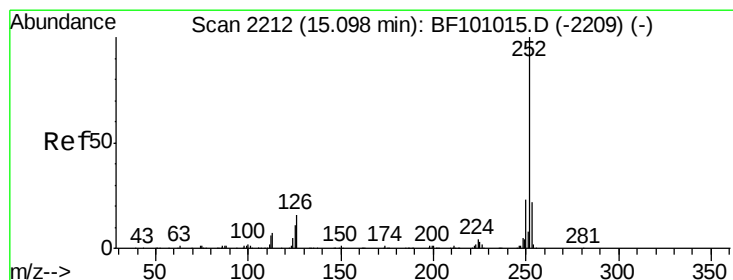
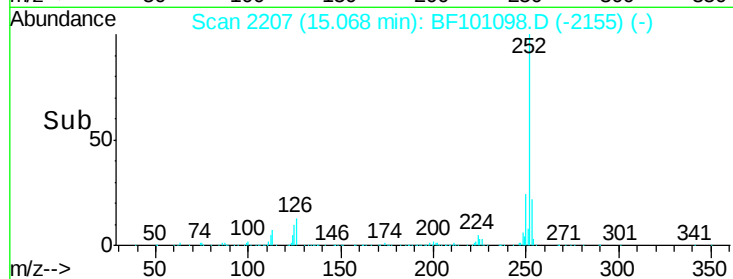
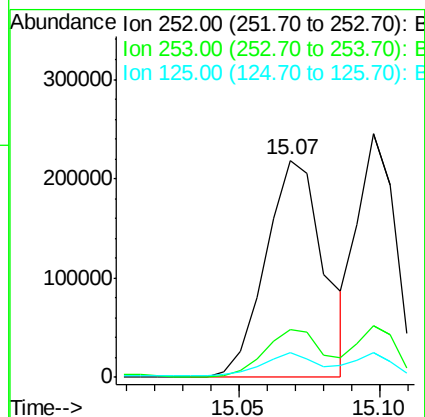
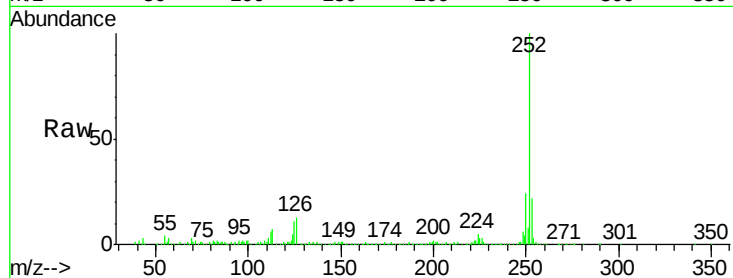
#87
Benzo(b)fluoranthene
Concen: 45.09 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.01 min
Lab File: BF101098.D
Acq: 4 Dec 2017 15:22

Instrument :
BNA_F
ClientSampleId :
RT-3874MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	312339		
253	21.9		17.0	25.6
125	11.1		9.0	13.6

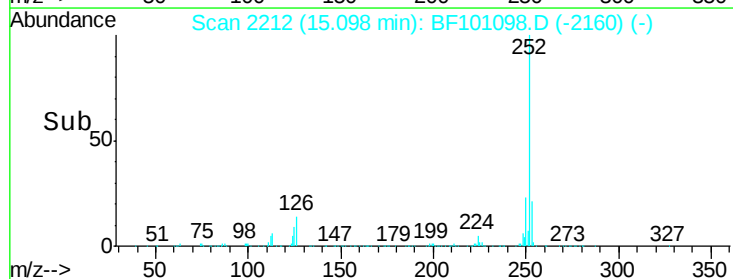
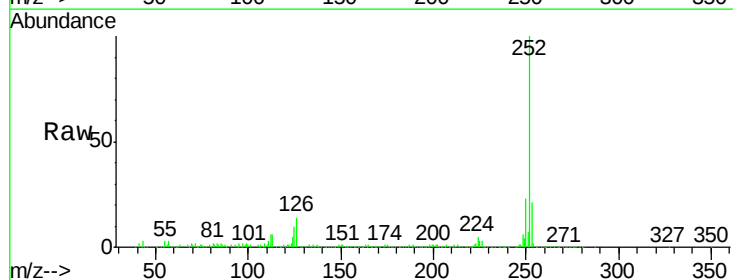
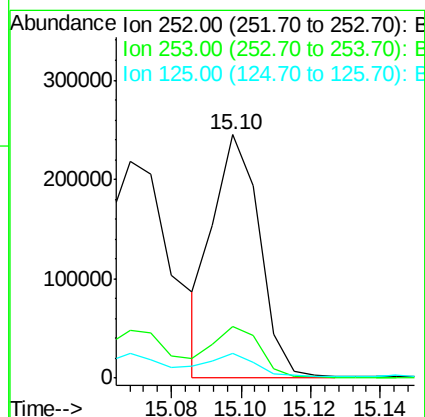
Manual Integrations
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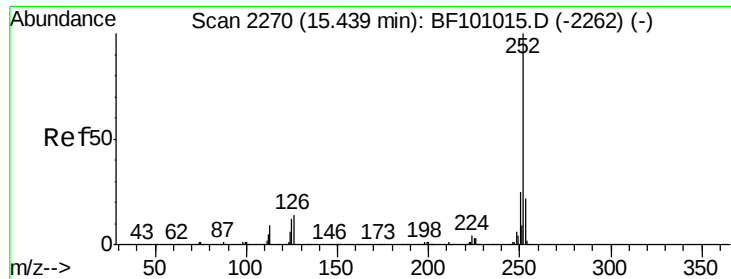
Sohil
12/5/2017 3:24:24 PM



#88
Benzo(k)fluoranthene
Concen: 33.54 ng m
RT: 15.10 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BF101098.D
Acq: 4 Dec 2017 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	228873		
253	21.3		17.9	26.9
125	10.0		10.2	15.2#





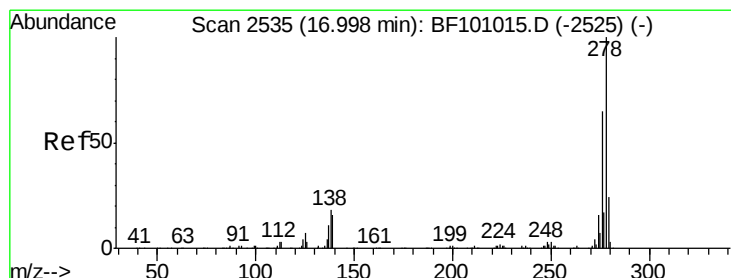
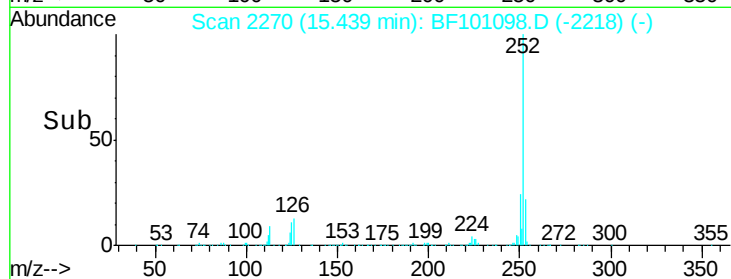
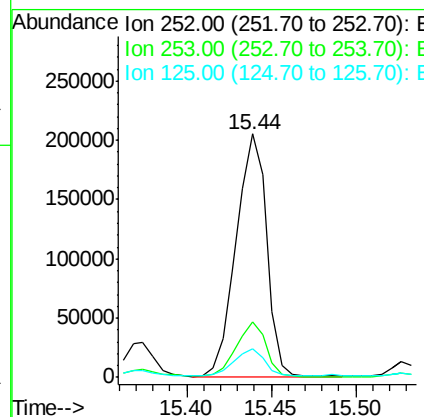
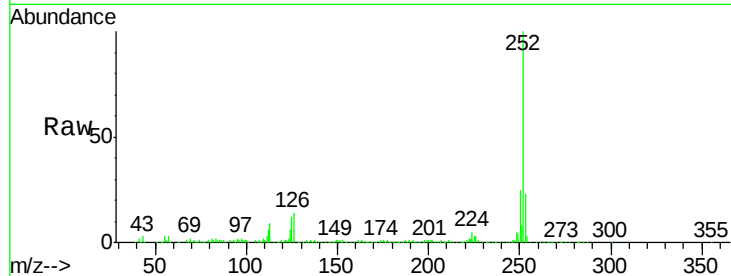
#89
Benzo(a)pyrene
Concen: 41.26 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF101098.D
Acq: 4 Dec 2017 15:22

Instrument :
BNA_F
ClientSampled :
RT-3874MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	11.8	9.8	14.6

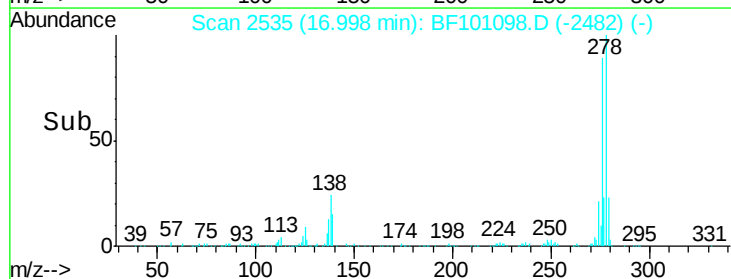
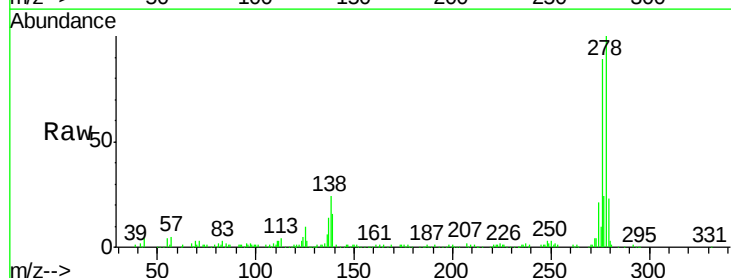
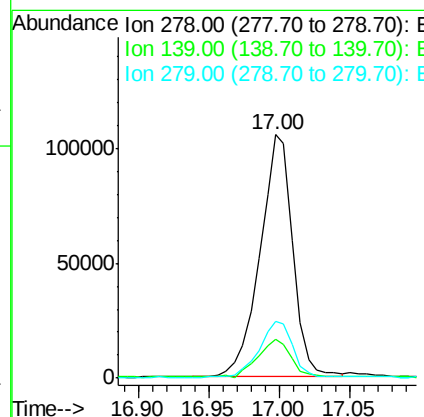
Manual Integrations
APPROVED

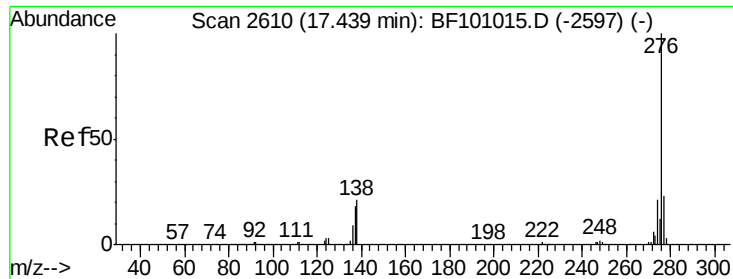
Sohil
12/5/2017 3:24:24 PM



#90
Dibenzo(a,h)anthracene
Concen: 30.87 ng
RT: 17.00 min Scan# 2535
Delta R.T. 0.01 min
Lab File: BF101098.D
Acq: 4 Dec 2017 15:22

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.7	15.9	23.9#
279	23.1	19.0	28.4





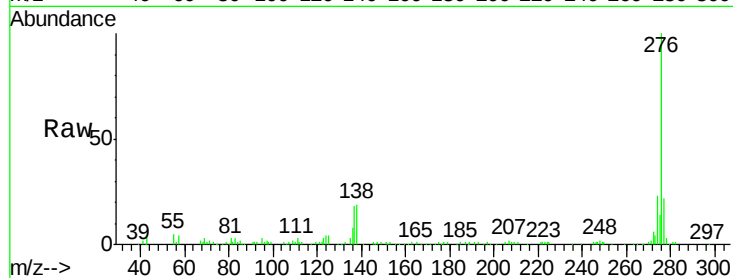
#91
 Benzo(a,h,i)perylene
 Concen: 34.27 ng
 RT: 17.44 min Scan# 2611
 Delta R.T. 0.02 min
 Lab File: BF101098.D
 Acq: 4 Dec 2017 15:22

Instrument :
 BNA_F
 ClientSampleId :
 RT-3874MSD

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	22.1	17.9	26.9
138	18.9	21.8	32.8

Manual Integrations
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Sohil
 12/5/2017 3:24:24 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

