

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122017\
 Data File : BF101570.D
 Acq On : 20 Dec 2017 16:24
 Operator : SJ/JU
 Sample : I6676-09MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-121817MSD

Manual Integrations
 APPROVED

Sohil
 12/21/2017 12:07:03 PM

Quant Time: Dec 21 10:11:27 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 14:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	171062	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	679764	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	305037	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	495589	20.00	ng	0.00
75) Chrysene-d12	13.97	240	298652	20.00	ng	0.00
86) Perylene-d12	15.43	264	331437	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	1224889	106.66	ng	0.03
7) Phenol-d6	6.45	99	1394797	97.59	ng	0.01
23) Nitrobenzene-d5	7.37	82	1020711	83.59	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	328885	111.89	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1632638	83.03	ng	0.00
78) Terphenyl-d14	12.90	244	1220661	98.53	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.73	88	205373	34.804	ng	94
3) Pyridine	3.46	79	389210m	23.740	ng	
4) n-Nitrosodimethylamine	3.40	42	292538	38.754	ng	# 94
6) Aniline	6.47	93	177864	8.955	ng	# 66
8) 2-Chlorophenol	6.59	128	475861	39.391	ng	99
9) Benzaldehyde	6.36	77	144618	13.701	ng	96
10) Phenol	6.46	94	544383	33.419	ng	98
11) bis(2-Chloroethyl)ether	6.54	93	512692	40.124	ng	94
12) 1,3-Dichlorobenzene	6.74	146	519997	38.139	ng	100
13) 1,4-Dichlorobenzene	6.82	146	526328	37.803	ng	99
14) 1,2-Dichlorobenzene	6.97	146	471373	37.613	ng	98
15) Benzyl Alcohol	6.95	79	353103	35.894	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	827302	42.305	ng	54
17) 2-Methylphenol	7.06	107	393140	35.379	ng	# 90
18) Hexachloroethane	7.30	117	188221	38.883	ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	341888	36.425	ng	94
20) 3+4-Methylphenols	7.22	107	497249	42.228	ng	# 67
22) Acetophenone	7.22	105	669216	43.146	ng	# 91
24) Nitrobenzene	7.39	77	547965	40.545	ng	95
25) Isophorone	7.63	82	1028297	41.976	ng	99
26) 2-Nitrophenol	7.70	139	269663	46.443	ng	98
27) 2,4-Dimethylphenol	7.74	122	436558	44.257	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	649913	41.765	ng	99
29) 2,4-Dichlorophenol	7.95	162	423514	43.458	ng	97
30) 1,2,4-Trichlorobenzene	8.02	180	420766	40.914	ng	97
31) Naphthalene	8.10	128	1376176	40.213	ng	100
32) Benzoic acid	7.91	122	284097	43.616	ng	97
33) 4-Chloroaniline	8.16	127	72176	4.852	ng	95
34) Hexachlorobutadiene	8.21	225	240151	40.374	ng	99
35) Caprolactam	8.55	113	115462m	34.121	ng	
36) 4-Chloro-3-methylphenol	8.66	107	430728	40.213	ng	99
37) 2-Methylnaphthalene	8.79	142	913327	40.963	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	437870	42.516	ng	98
40) Hexachlorocyclopentadiene	8.93	237	88737	52.259	ng	99

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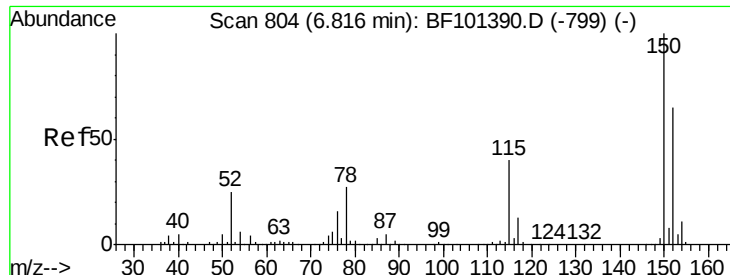
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	272459	43.944	ng	99
43) 2,4,5-Trichlorophenol	9.13	196	269475	39.694	ng	94
45) 1,1'-Biphenyl	9.26	154	1101862	40.731	ng	99
46) 2-Chloronaphthalene	9.29	162	827946	39.999	ng	98
47) 2-Nitroaniline	9.39	65	287688	40.233	ng	90
48) Acenaphthylene	9.70	152	1178500	36.047	ng	100
49) Dimethylphthalate	9.56	163	937163	38.195	ng	99
50) 2,6-Dinitrotoluene	9.63	165	208620	41.835	ng #	83
51) Acenaphthene	9.87	154	731574	37.245	ng	100
52) 3-Nitroaniline	9.80	138	93749	15.079	ng	93
53) 2,4-Dinitrophenol	9.93	184	130739	75.883	ng #	19
54) Dibenzofuran	10.04	168	1001701	40.129	ng	99
55) 4-Nitrophenol	9.99	139	173470	63.987	ng #	84
56) 2,4-Dinitrotoluene	10.05	165	242317	43.129	ng #	95
57) Fluorene	10.39	166	809949	38.356	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	213760	43.826	ng	87
59) Diethylphthalate	10.26	149	922056	37.948	ng	97
60) 4-Chlorophenyl-phenylether	10.37	204	396943	39.222	ng	92
61) 4-Nitroaniline	10.43	138	183825	29.415	ng	98
62) Azobenzene	10.53	77	930387	36.964	ng	95
64) 4,6-Dinitro-2-methylphenol	10.46	198	94969	37.552	ng	95
65) n-Nitrosodiphenylamine	10.50	169	759993	41.531	ng	97
66) 4-Bromophenyl-phenylether	10.86	248	253793	45.576	ng #	88
67) Hexachlorobenzene	10.94	284	248301	42.131	ng #	86
68) Atrazine	11.03	200	217601	39.880	ng	95
69) Pentachlorophenol	11.14	266	193571	84.094	ng	98
70) Phenanthrene	11.35	178	1082787	39.288	ng	99
71) Anthracene	11.40	178	1117686	39.701	ng	99
72) Carbazole	11.56	167	956266	36.280	ng	99
73) Di-n-butylphthalate	11.87	149	1338310	41.834	ng	99
74) Fluoranthene	12.54	202	977905	33.804	ng	100
76) Benzidine	12.67	184	30367	2.407	ng	99
77) Pyrene	12.77	202	970098	43.281	ng	98
79) Butylbenzylphthalate	13.37	149	460954	45.451	ng	97
80) Benzo(a)anthracene	13.96	228	804367	40.788	ng	99
81) 3,3'-Dichlorobenzidine	13.92	252	179530	27.920	ng #	97
82) Chrysene	14.00	228	765699	41.123	ng	100
83) Bis(2-ethylhexyl)phthalate	13.93	149	610434	47.521	ng	99
84) Di-n-octyl phthalate	14.54	149	1016213	44.359	ng	97
85) Indeno(1,2,3-cd)pyrene	16.92	276	812768	49.019	ng	96
87) Benzo(b)fluoranthene	15.01	252	840772	41.619	ng	99
88) Benzo(k)fluoranthene	15.04	252	742677	37.811	ng	98
89) Benzo(a)pyrene	15.38	252	790847	42.466	ng	99
90) Dibenzo(a,h)anthracene	16.92	278	693837	43.393	ng	97
91) Benzo(g,h,i)perylene	17.36	276	692313	43.726	ng	95

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



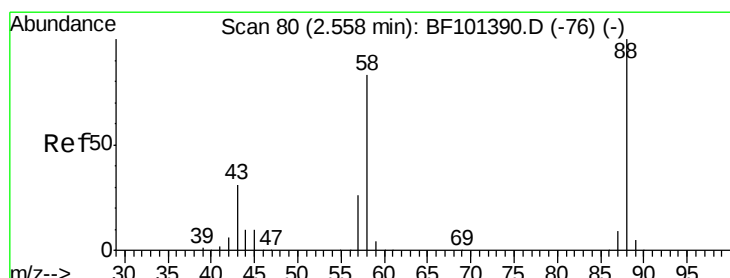
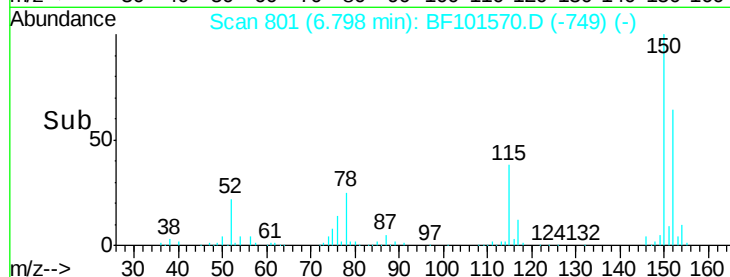
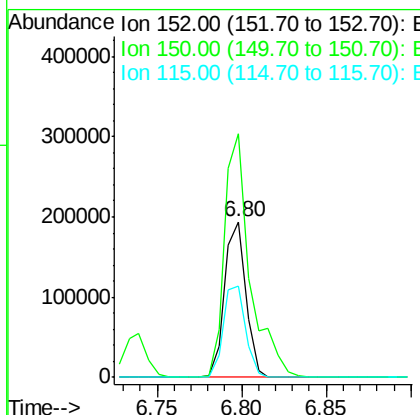
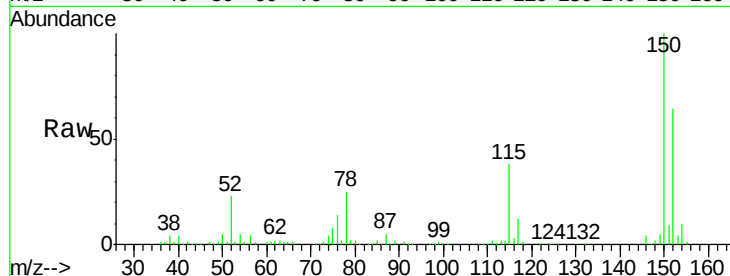
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 801
 Delta R.T. 0.01 min
 Lab File: BF101570.D
 Acq: 20 Dec 2017 16:24

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-121817MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.6	186.8
115	59.1	50.1	75.1

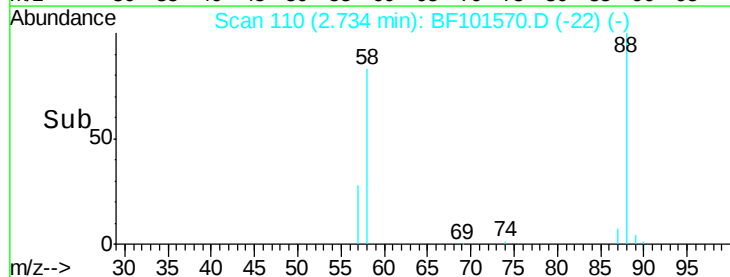
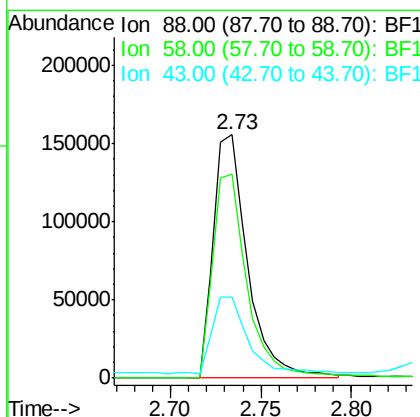
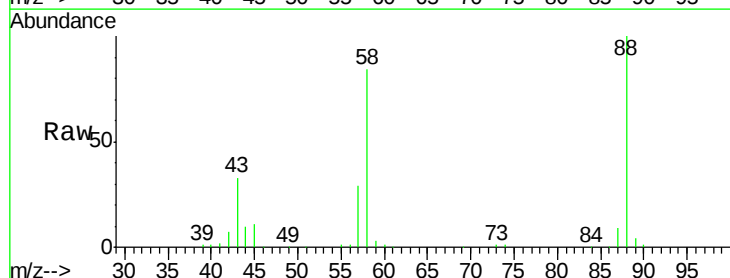
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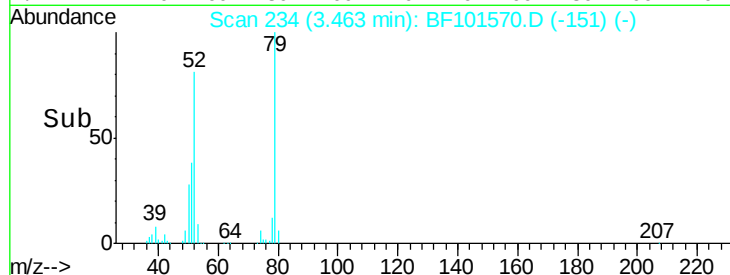
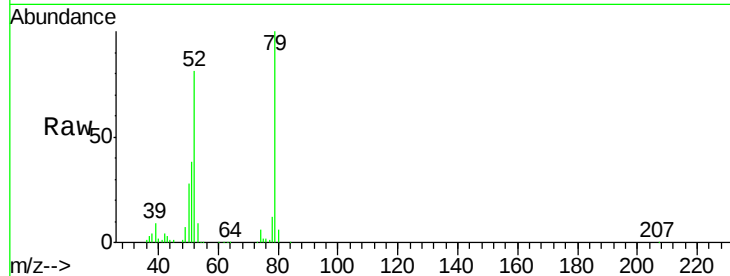
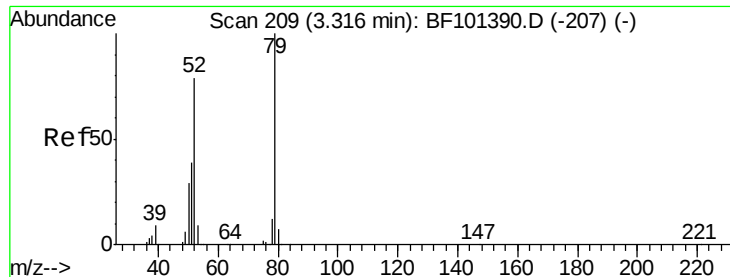
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#2
 1,4-Dioxane
 Concen: 34.804 ng
 RT: 2.73 min Scan# 110
 Delta R.T. 0.22 min
 Lab File: BF101570.D
 Acq: 20 Dec 2017 16:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.4	62.6	93.8
43	31.7	24.6	37.0





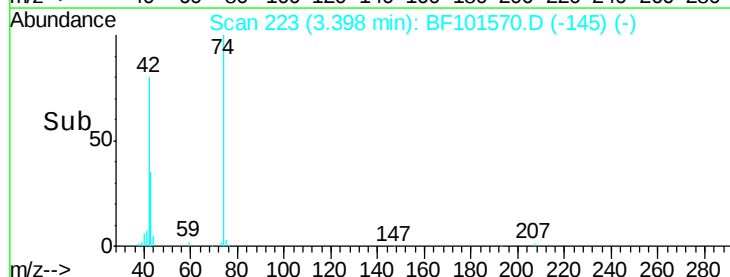
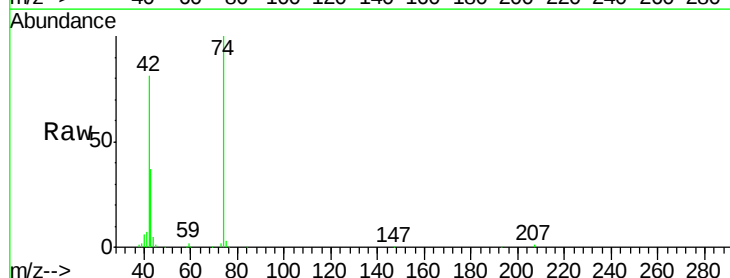
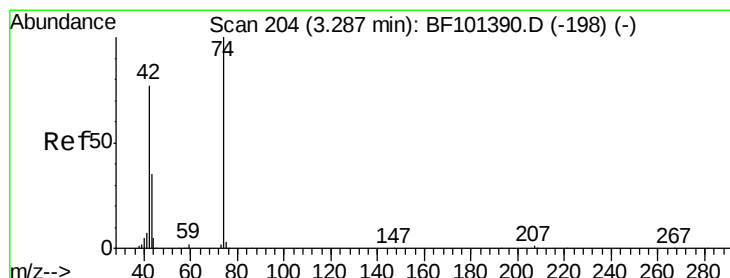
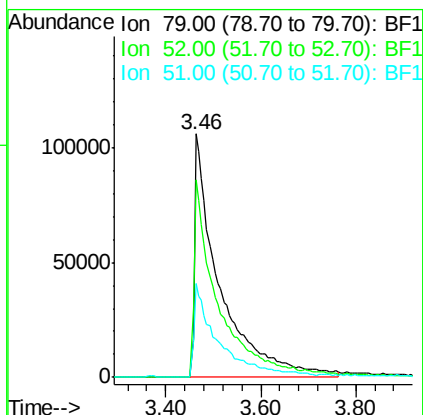
#3
 Pyridine
 Concen: 23.740 ng m
 RT: 3.46 min Scan# 234
 Delta R.T. 0.19 min
 Lab File: BF101570.D
 Acq: 20 Dec 2017 16:24

Tgt Ion	Ratio	Lower	Upper
79	100		
52	81.2	59.8	89.6
51	38.4	29.8	44.8

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-121817MSD

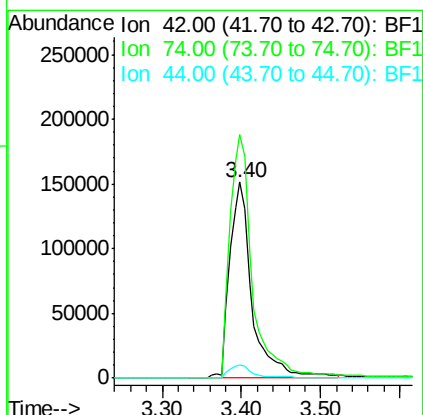
Manual Integrations
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#4
 n-Nitrosodimethylamine
 Concen: 38.754 ng
 RT: 3.40 min Scan# 223
 Delta R.T. 0.16 min
 Lab File: BF101570.D
 Acq: 20 Dec 2017 16:24

Tgt Ion	Ratio	Lower	Upper
42	100		
74	124.2	104.9	157.3
44	6.6	6.9	10.3#





#5

2-Fluorophenol

Concen: 106.661 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.03 min

Lab File: BF101570.D

Acq: 20 Dec 2017 16:24

Instrument :

BNA_F

ClientSampleId :

OK-01-121817MSD

Tgt Ion: 112 Resp: 1224889

Ion Ratio Lower Upper

112 100

64 63.6 47.9 71.9

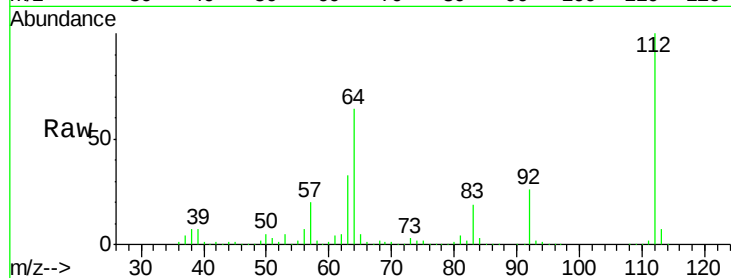
63 32.7 23.7 35.5

Manual Integrations

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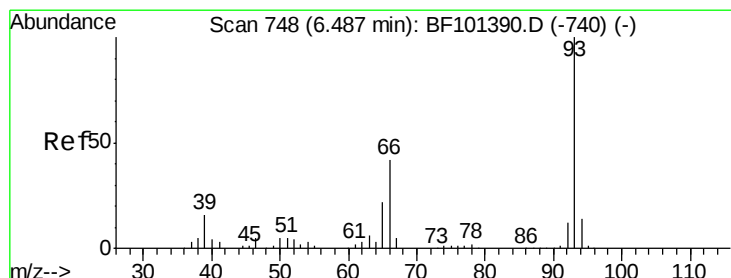
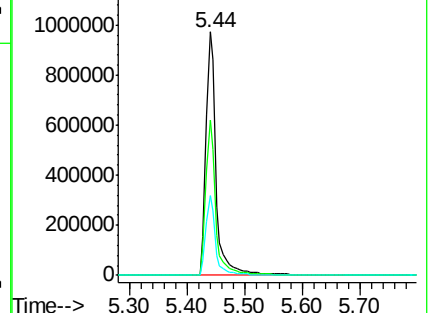
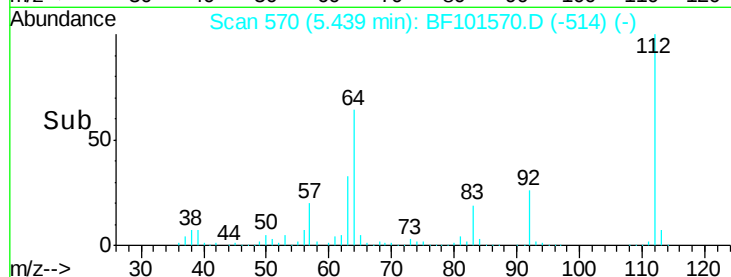
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 8.955 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.01 min

Lab File: BF101570.D

Acq: 20 Dec 2017 16:24

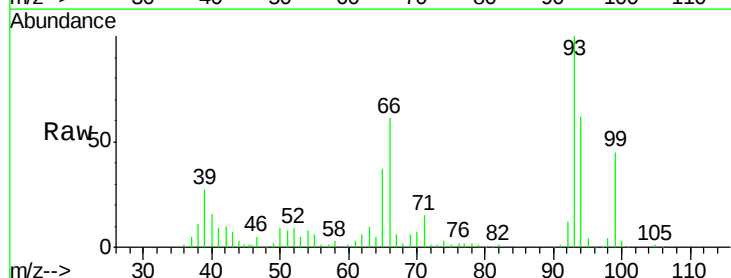
Tgt Ion: 93 Resp: 177864

Ion Ratio Lower Upper

93 100

66 61.2 32.2 48.2#

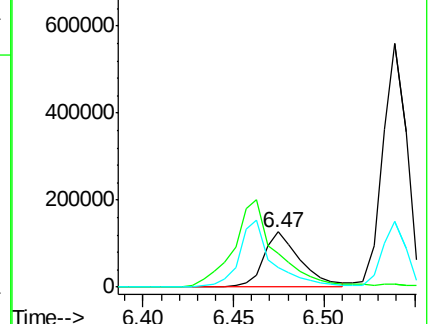
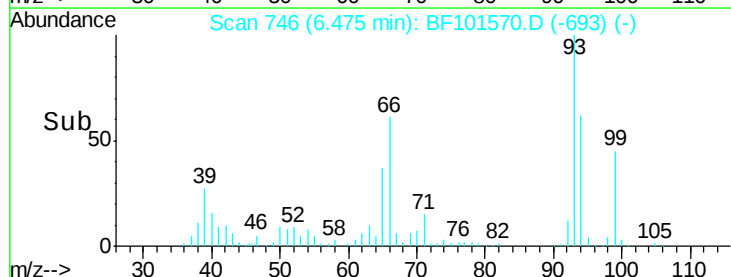
65 36.5 16.4 24.6#

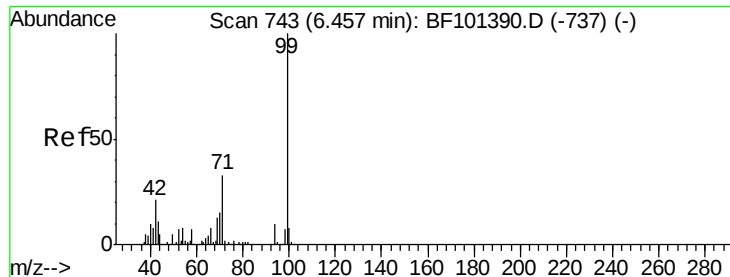


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 97.592 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF101570.D

Acq: 20 Dec 2017 16:24

Instrument :

BNA_F

ClientSampleId :

OK-01-121817MSD

Tgt Ion: 99 Resp: 1394797

Ion Ratio Lower Upper

99 100

42 20.1 14.5 21.7

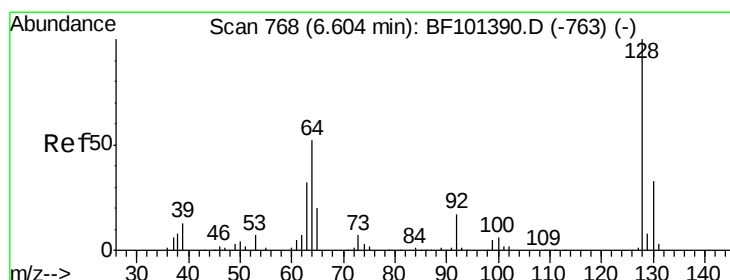
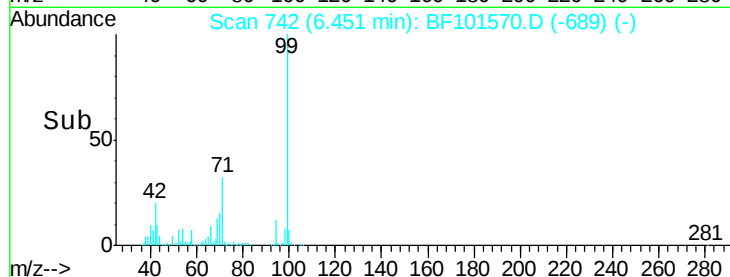
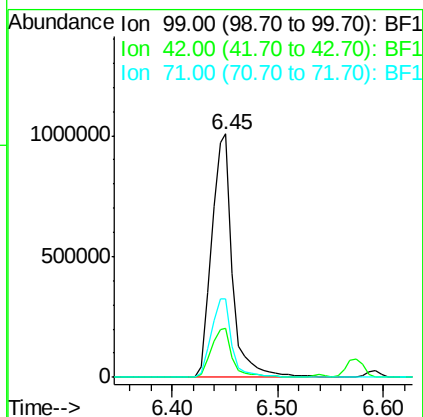
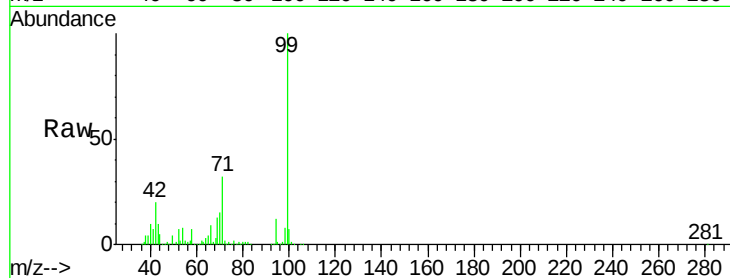
71 32.4 25.4 38.0

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#8

2-Chlorophenol

Concen: 39.391 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF101570.D

Acq: 20 Dec 2017 16:24

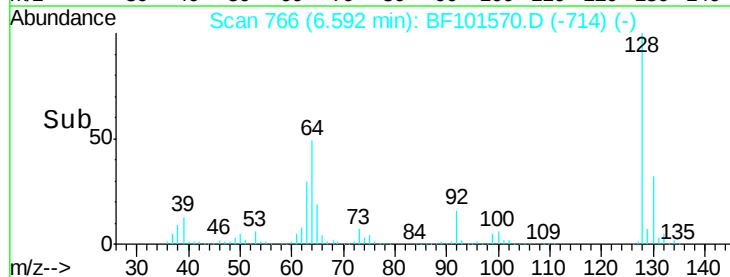
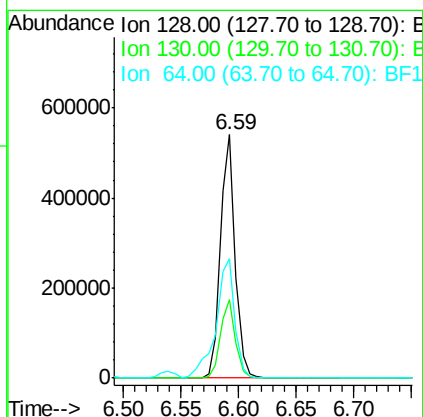
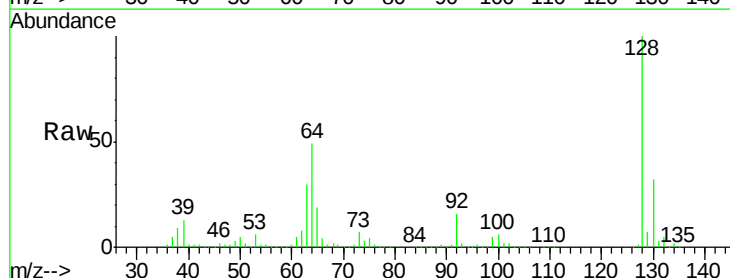
Tgt Ion: 128 Resp: 475861

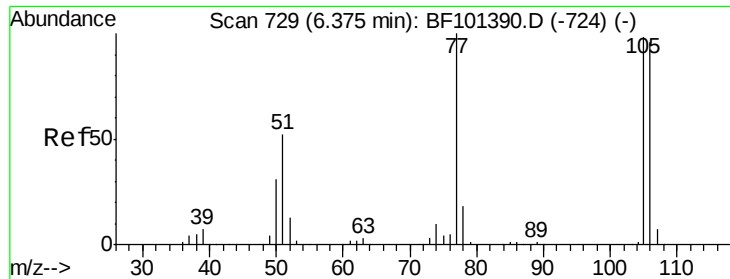
Ion Ratio Lower Upper

128 100

130 32.3 13.0 53.0

64 49.2 29.4 69.4





#9

Benzaldehyde

Concen: 13.701 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF101570.D

Acq: 20 Dec 2017 16:24

Instrument :

BNA_F

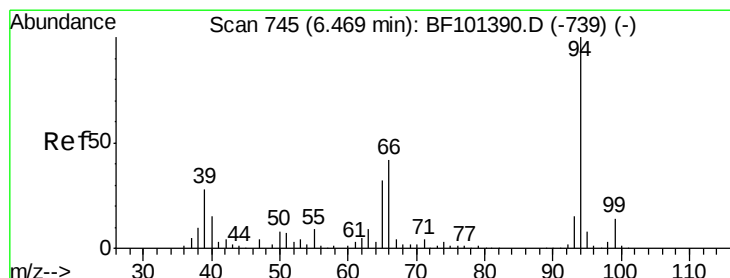
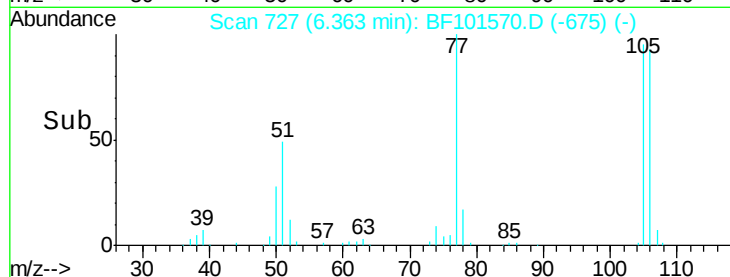
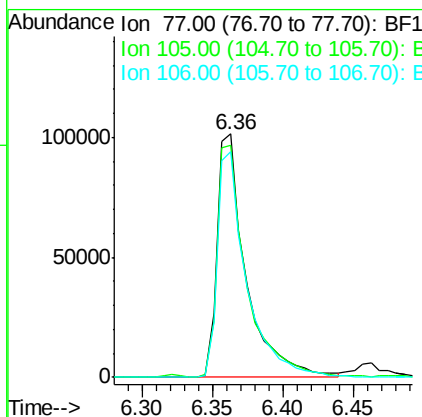
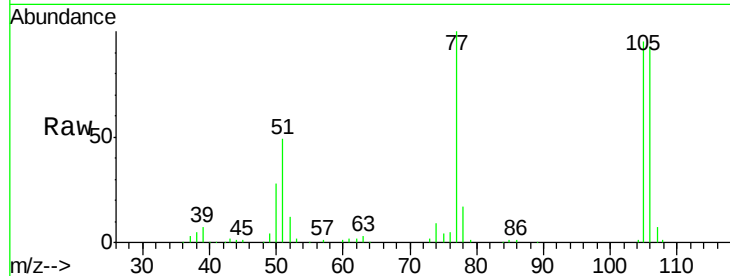
ClientSampleId :

OK-01-121817MSD

Tgt Ion:	77	Resp:	144618
Ion Ratio	Lower	Upper	
77	100		
105	95.2	81.1	121.1
106	92.7	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 33.419 ng

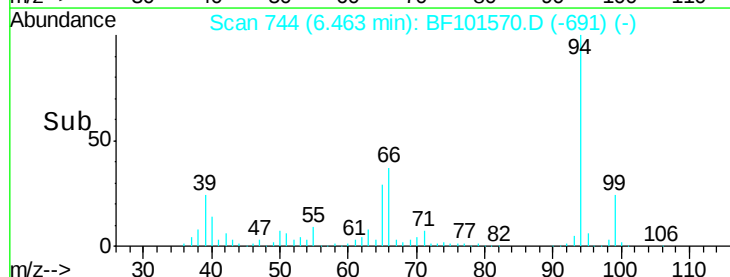
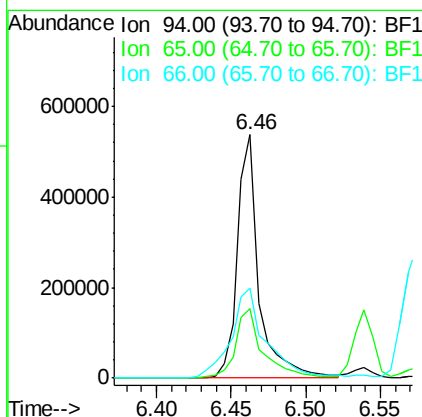
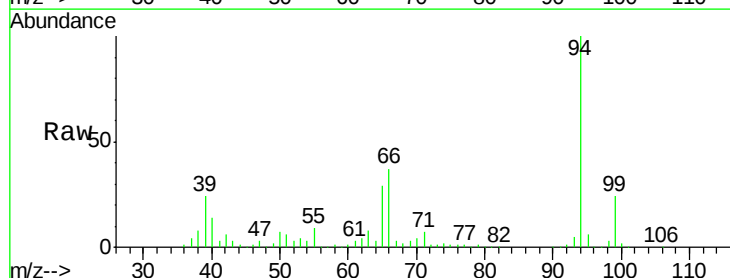
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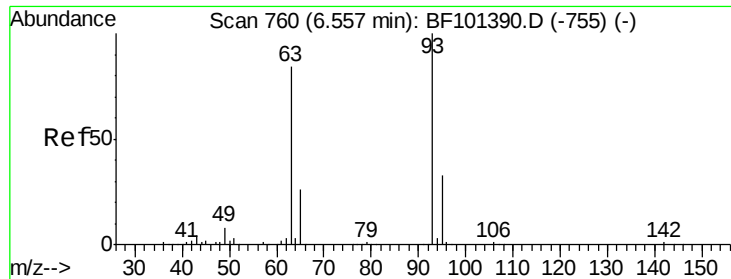
Delta R.T. 0.01 min

Lab File: BF101570.D

Acq: 20 Dec 2017 16:24

Tgt Ion:	94	Resp:	544383
Ion Ratio	Lower	Upper	
94	100		
65	28.7	7.9	47.9
66	37.2	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 40.124 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF101570.D

Acq: 20 Dec 2017 16:24

Instrument :

BNA_F

ClientSampleId :

OK-01-121817MSD

Tgt Ion: 93 Resp: 512692

Ion Ratio Lower Upper

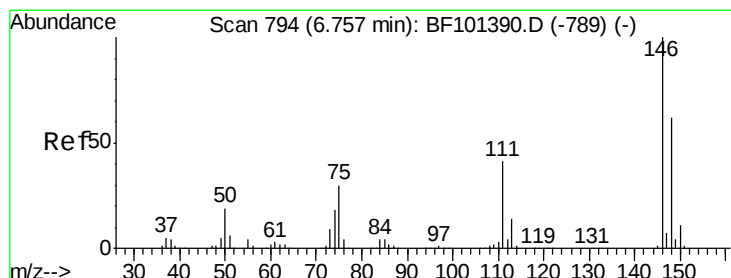
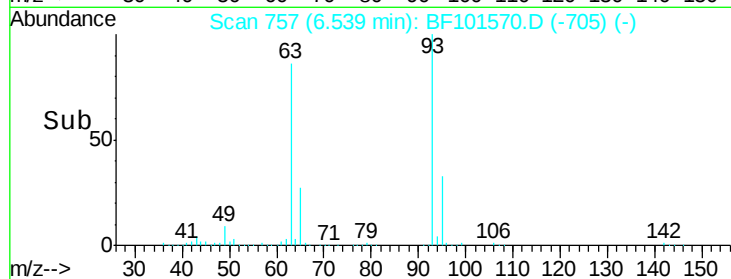
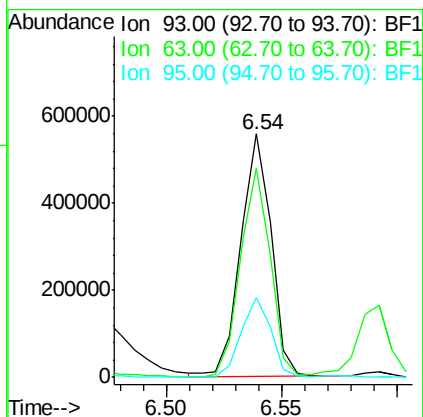
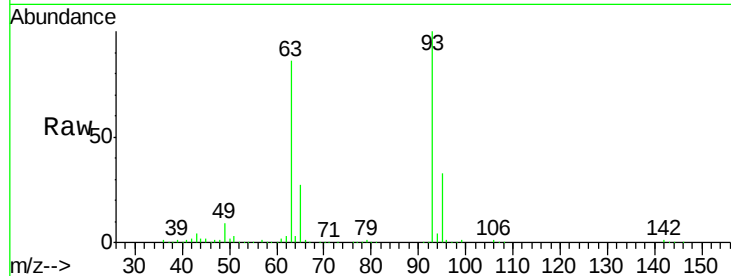
93 100

63 85.8 58.6 98.6

95 32.9 11.8 51.8

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#12

1,3-Dichlorobenzene

Concen: 38.139 ng

RT: 6.74 min Scan# 791

Delta R.T. 0.01 min

Lab File: BF101570.D

Acq: 20 Dec 2017 16:24

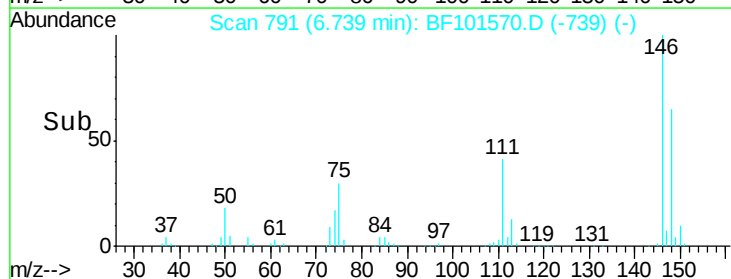
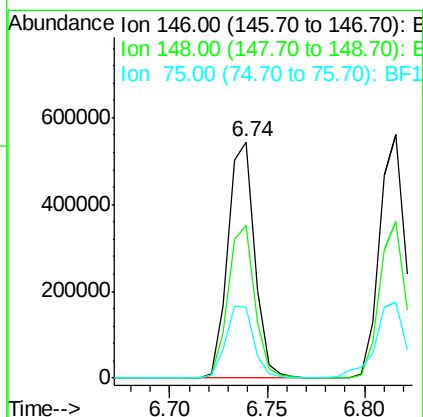
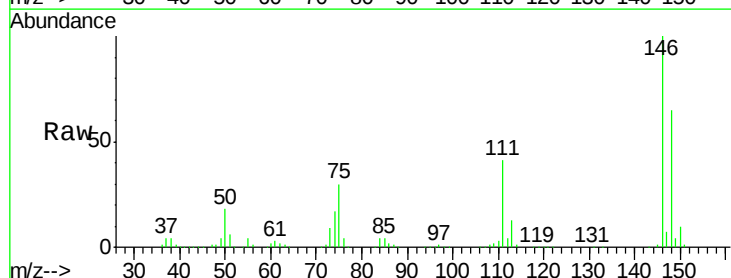
Tgt Ion: 146 Resp: 519997

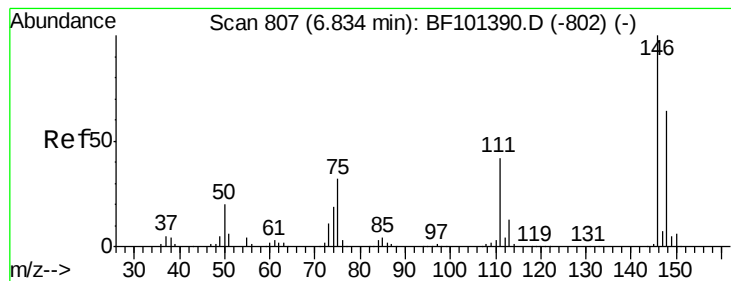
Ion Ratio Lower Upper

146 100

148 64.7 51.8 77.8

75 29.8 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 37.803 ng

RT: 6.82 min Scan# 804

Delta R.T. 0.01 min

Lab File: BF101570.D

Acq: 20 Dec 2017 16:24

Instrument :

BNA_F

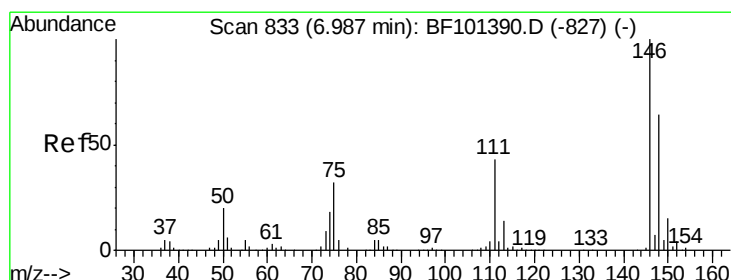
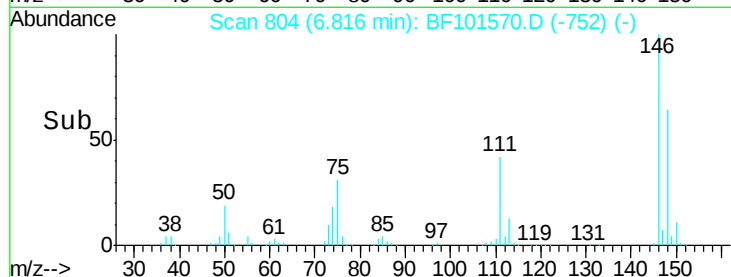
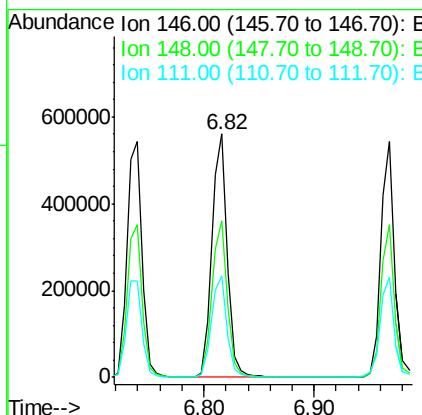
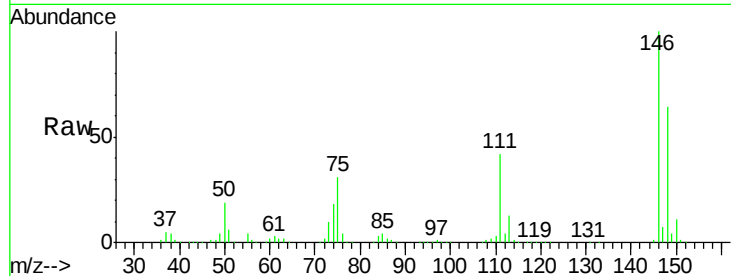
ClientSampleId :

OK-01-121817MSD

Tgt Ion:	146	Resp:	526328
Ion Ratio	Lower	Upper	
146	100		
148	64.1	50.8	76.2
111	41.5	34.2	51.2

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 37.613 ng

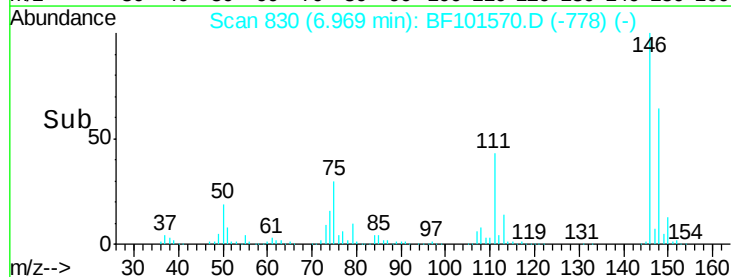
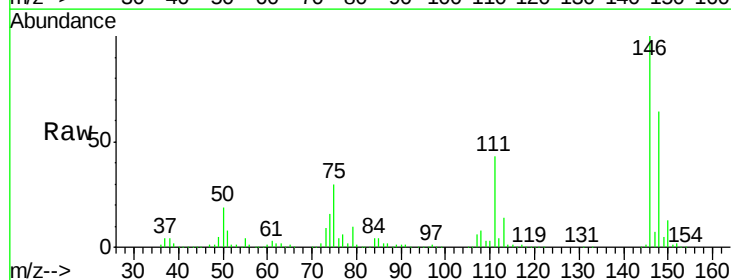
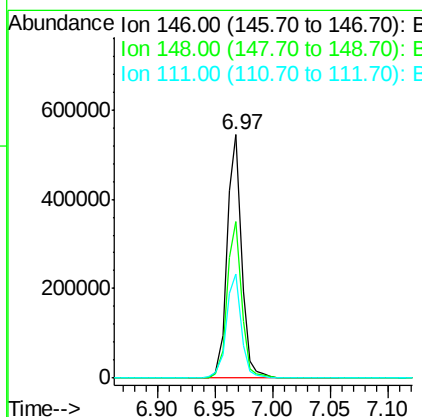
RT: 6.97 min Scan# 830

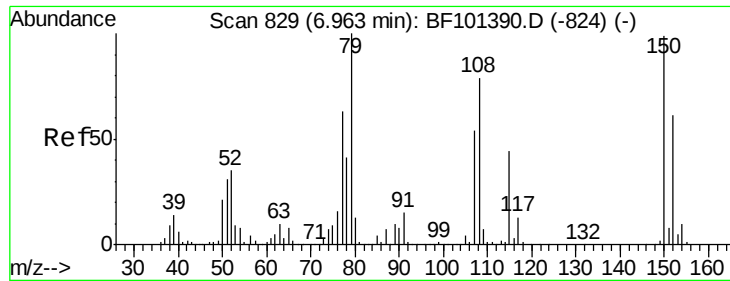
Delta R.T. 0.01 min

Lab File: BF101570.D

Acq: 20 Dec 2017 16:24

Tgt Ion:	146	Resp:	471373
Ion Ratio	Lower	Upper	
146	100		
148	64.4	50.6	75.8
111	42.5	36.0	54.0





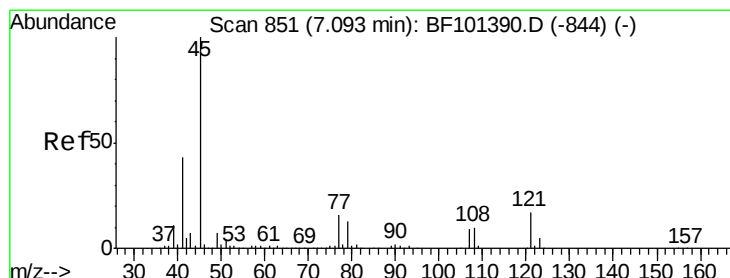
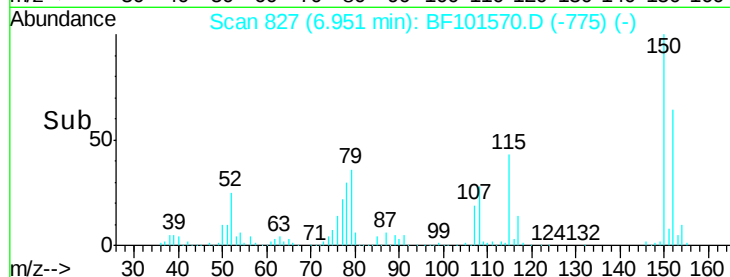
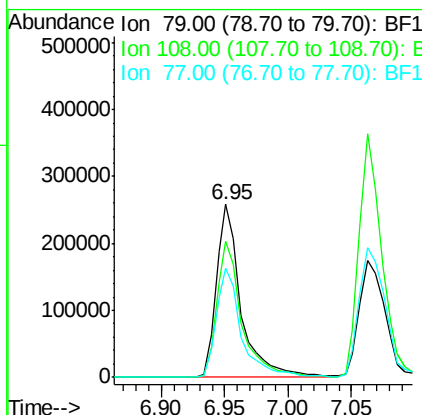
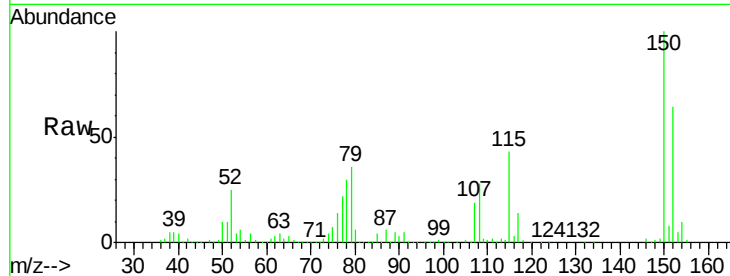
#15
Benzyl Alcohol
Concen: 35.894 ng
RT: 6.95 min Scan# 827
Delta R.T. 0.01 min
Lab File: BF101570.D
Acq: 20 Dec 2017 16:24

Instrument :
BNA_F
ClientSampleId :
OK-01-121817MSD

Tgt Ion	Ratio	Lower	Upper
79	100		
108	78.7	65.1	97.7
77	62.9	50.6	75.8

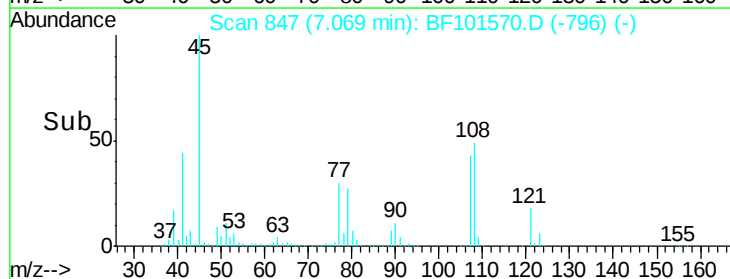
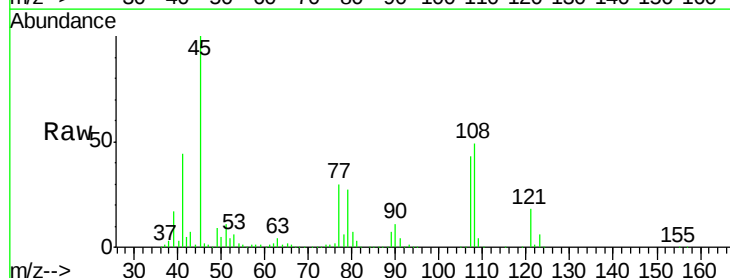
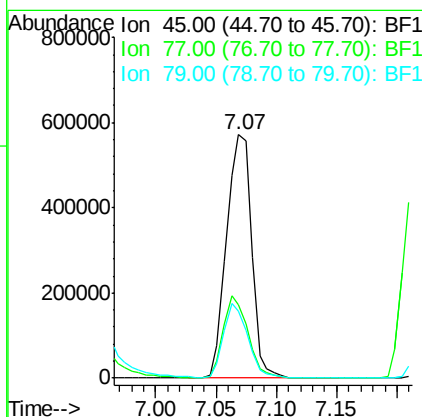
Manual Integrations
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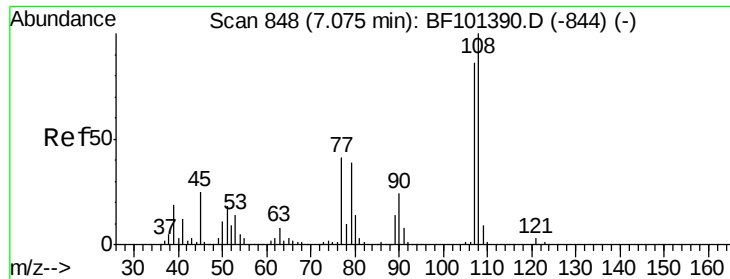
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.305 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BF101570.D
Acq: 20 Dec 2017 16:24

Tgt Ion	Ratio	Lower	Upper
45	100		
77	30.3	0.0	32.9
79	27.3	0.0	29.6





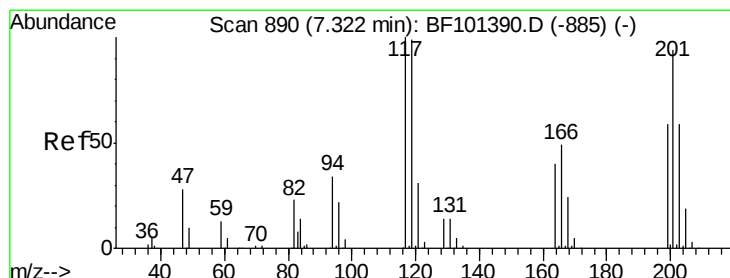
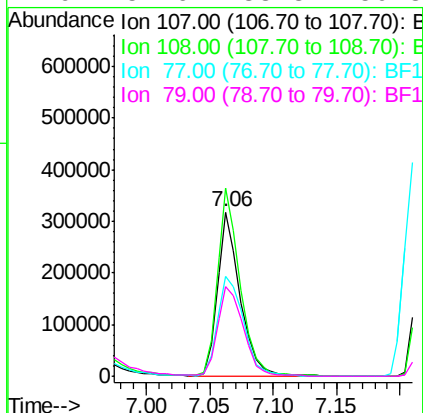
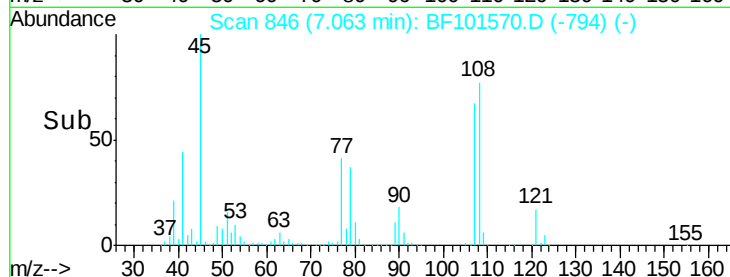
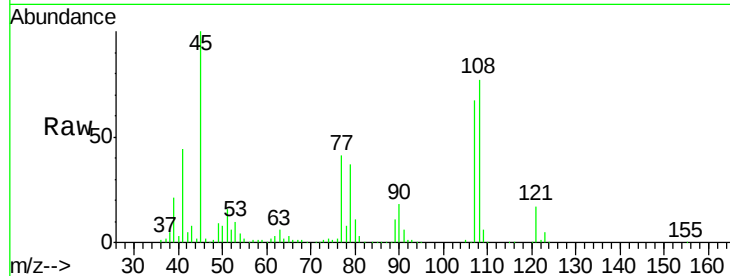
#17
2-Methylphenol
Concen: 35.379 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.01 min
Lab File: BF101570.D
Acq: 20 Dec 2017 16:24

Instrument :
BNA_F
ClientSampleId :
OK-01-121817MSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	393140		
108	114.1	91.7	137.5	
77	60.5	33.8	50.8#	
79	54.6	33.8	50.8#	

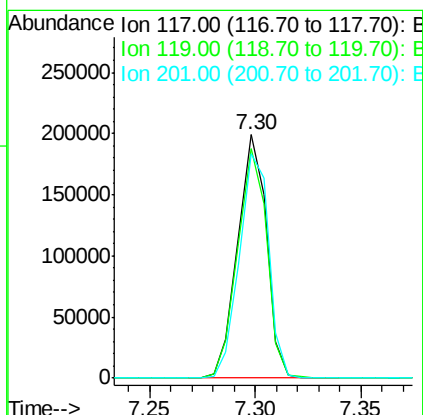
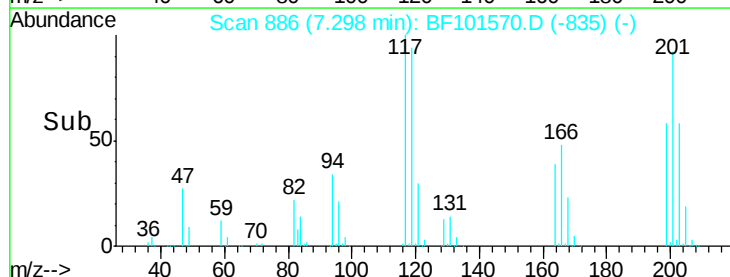
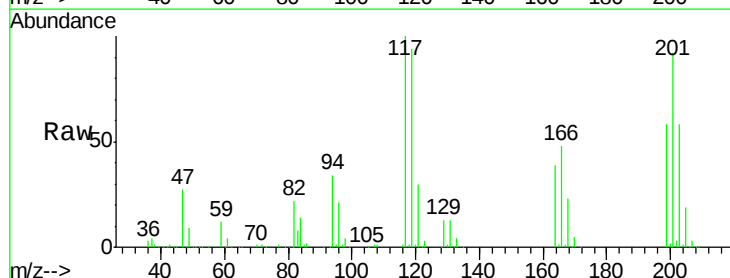
Manual Integrations
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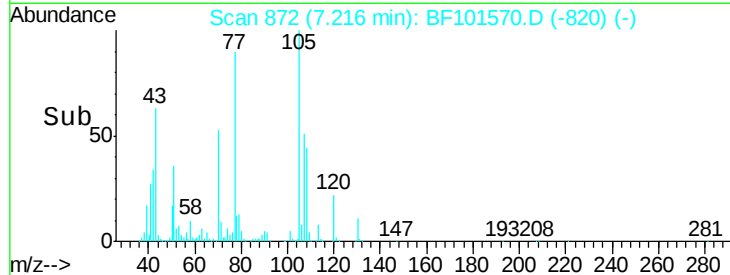
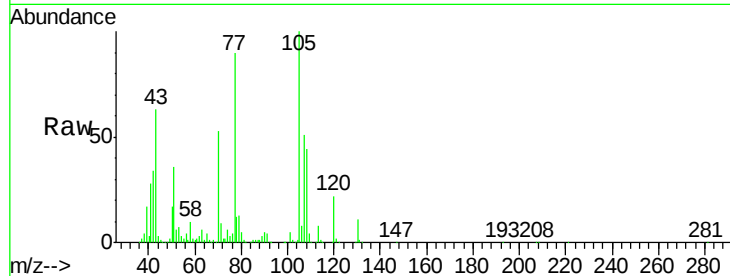
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#18
Hexachloroethane
Concen: 38.883 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF101570.D
Acq: 20 Dec 2017 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	188221		
119	94.2	75.8	113.8	
201	91.9	75.7	113.5	





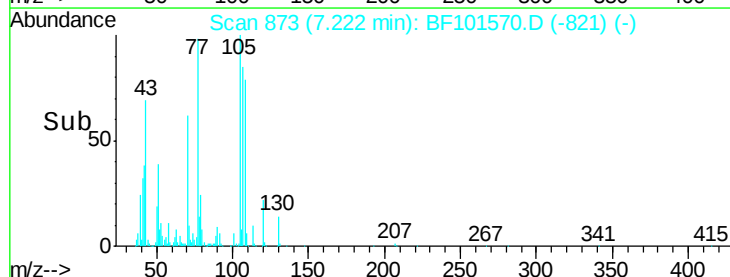
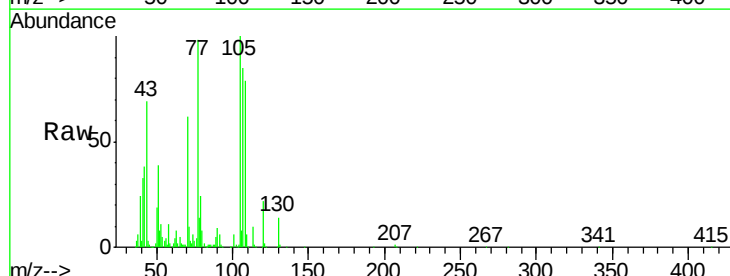
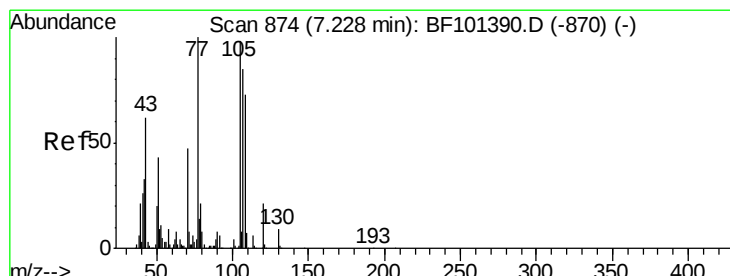
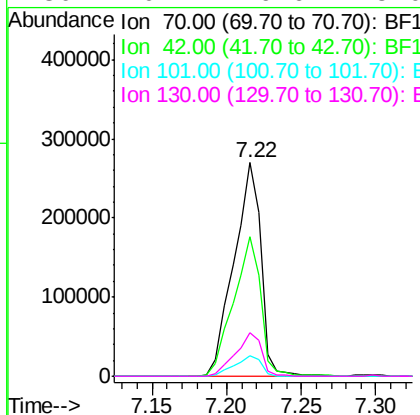
#19
n-Nitroso-di-n-propylamine
Concen: 36.425 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF101570.D
Acq: 20 Dec 2017 16:24

Instrument :
BNA_F
ClientSampleId :
OK-01-121817MSD

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	65.3	47.5	71.3	
101	9.7	7.4	11.2	
130	20.1	16.6	25.0	

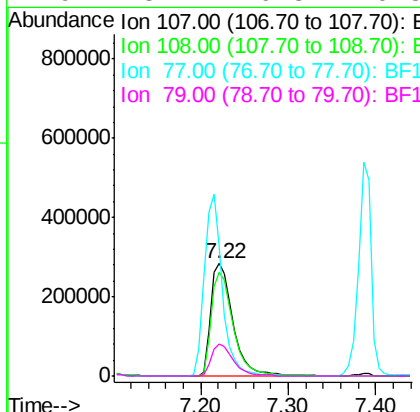
Manual Integrations
APPROVED

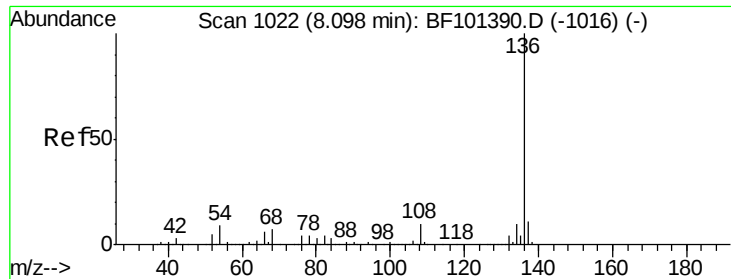
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#20
3+4-Methylphenols
Concen: 42.228 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF101570.D
Acq: 20 Dec 2017 16:24

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.7	68.2	108.2	
77	115.3	26.7	66.7#	
79	28.2	6.3	46.3	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BF101570.D

Acq: 20 Dec 2017 16:24

Instrument :

BNA_F

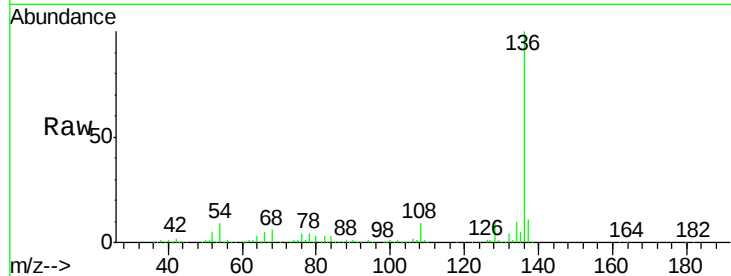
ClientSampleId :

OK-01-121817MSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	679764		
137	10.7	8.9	13.3	
54	8.7	6.6	9.8	
68	6.2	5.0	7.4	

Manual Integrations
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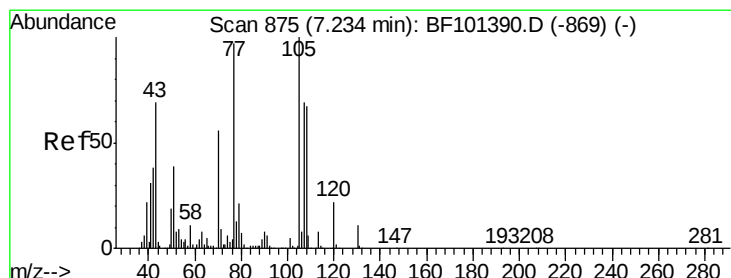
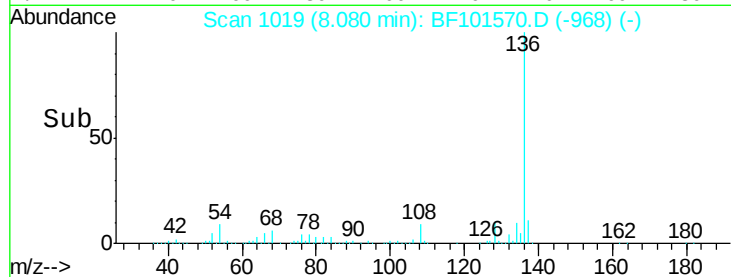
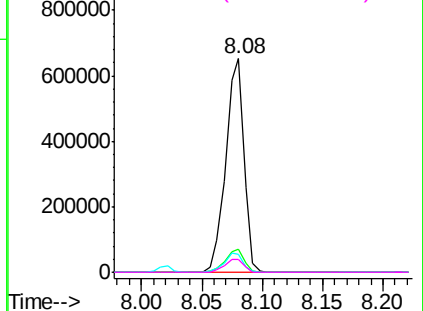


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 43.146 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.00 min

Lab File: BF101570.D

Acq: 20 Dec 2017 16:24

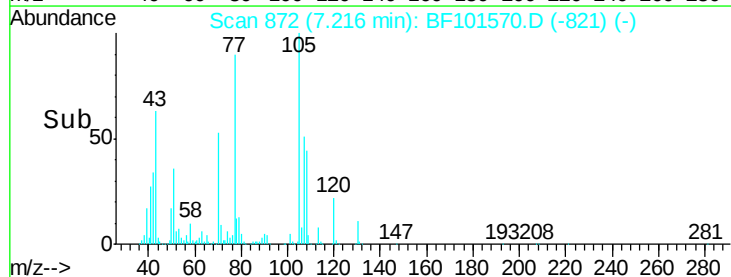
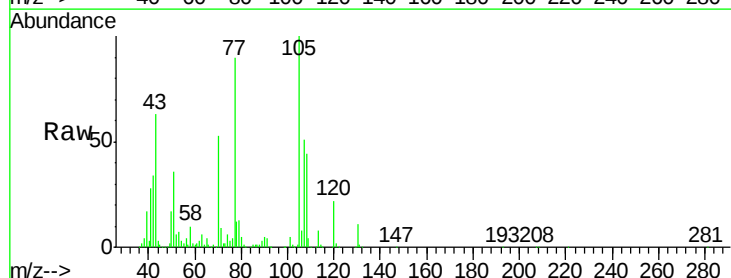
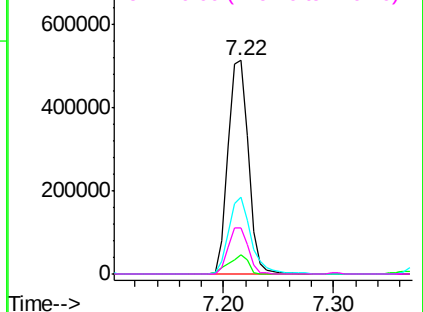
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	669216		
71	8.8	4.4	6.6#	
51	35.8	22.3	33.5#	
120	21.5	16.9	25.3	

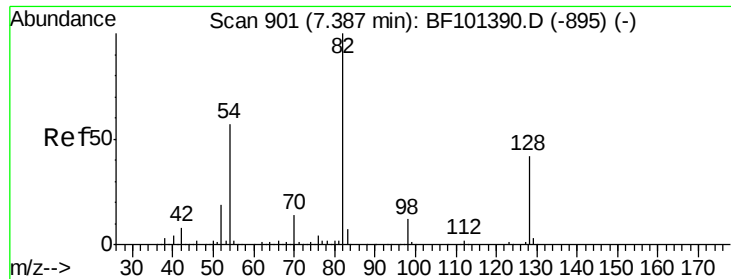
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





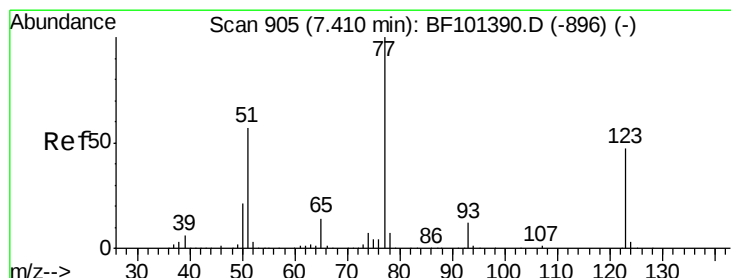
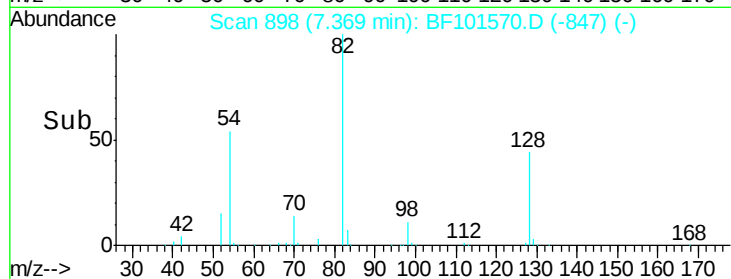
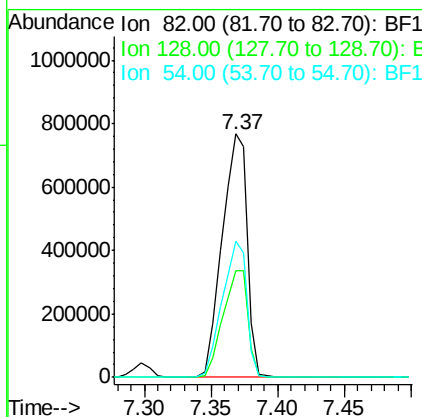
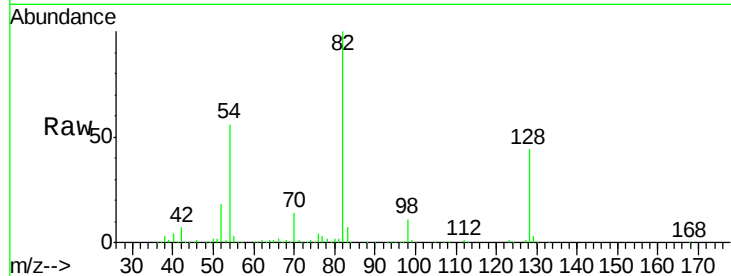
#23
Nitrobenzene-d5
Concen: 83.586 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF101570.D
Acq: 20 Dec 2017 16:24

Instrument :
BNA_F
ClientSampleId :
OK-01-121817MSD

Tgt Ion: 82 Resp: 1020711
Ion Ratio Lower Upper
82 100
128 43.9 36.1 54.1
54 55.8 41.4 62.2

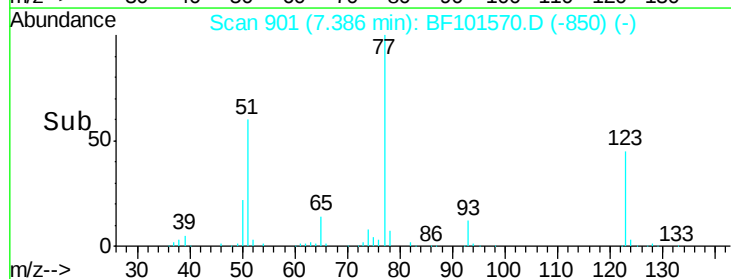
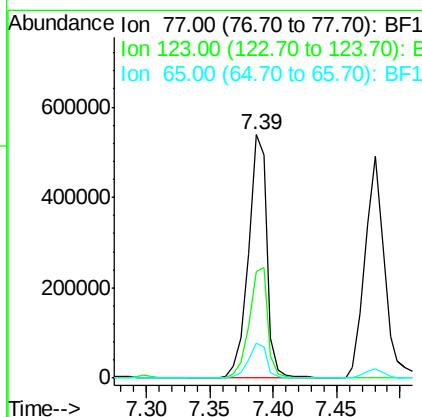
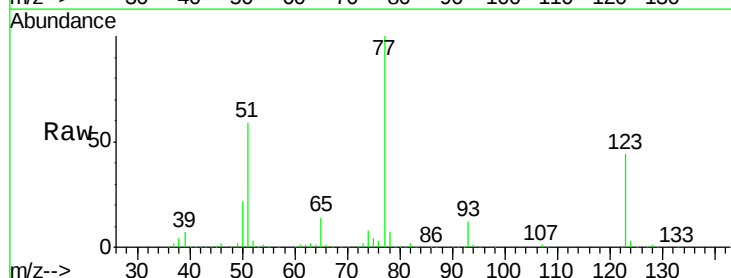
Manual Integrations
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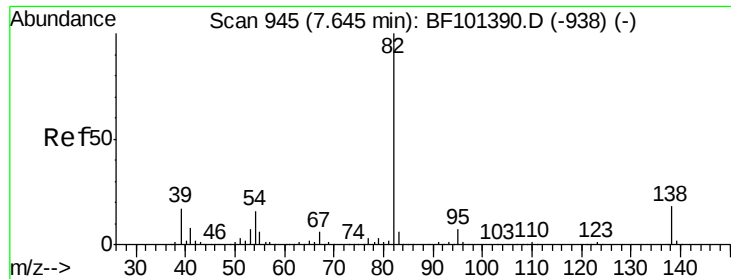
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#24
Nitrobenzene
Concen: 40.545 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF101570.D
Acq: 20 Dec 2017 16:24

Tgt Ion: 77 Resp: 547965
Ion Ratio Lower Upper
77 100
123 43.6 37.9 56.9
65 14.1 11.0 16.4





#25

Isophorone

Concen: 41.976 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.01 min

Lab File: BF101570.D

Acq: 20 Dec 2017 16:24

Instrument :

BNA_F

ClientSampleId :

OK-01-121817MSD

Tgt Ion: 82 Resp: 1028297

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

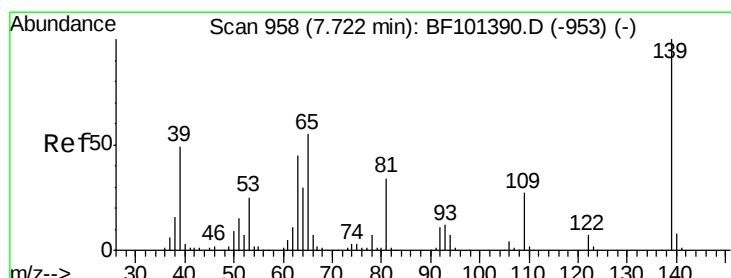
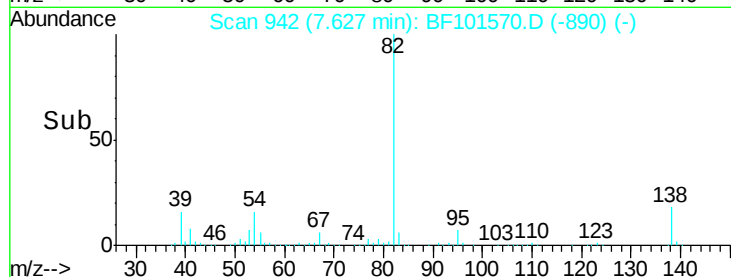
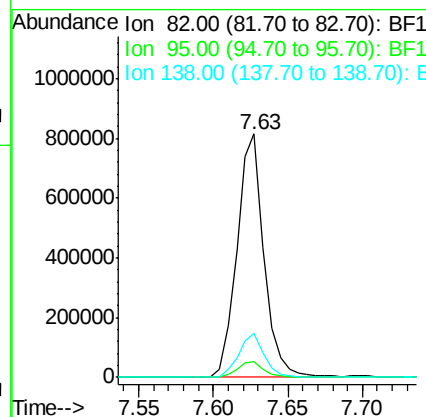
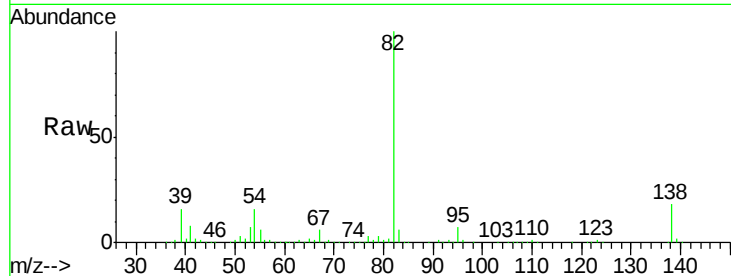
138 18.1 14.9 22.3

Manual Integrations

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#26

2-Nitrophenol

Concen: 46.443 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF101570.D

Acq: 20 Dec 2017 16:24

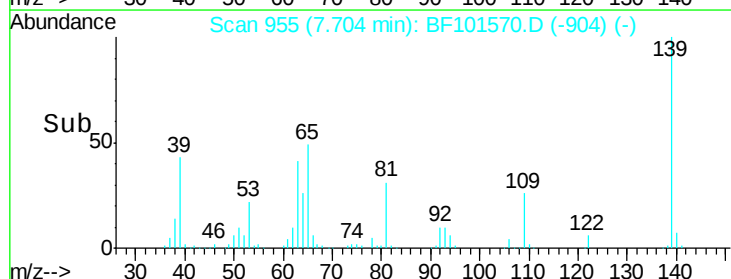
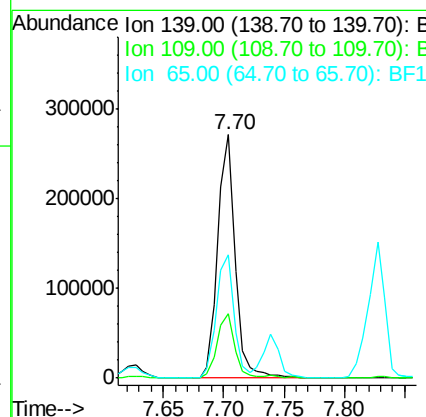
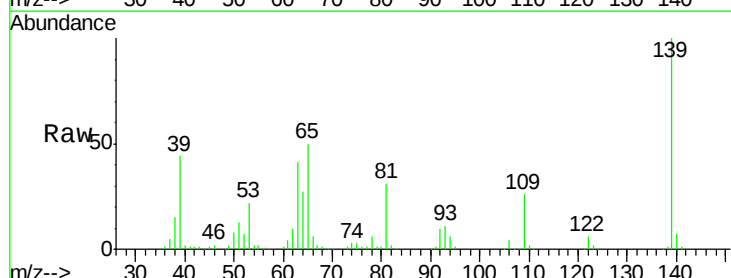
Tgt Ion: 139 Resp: 269663

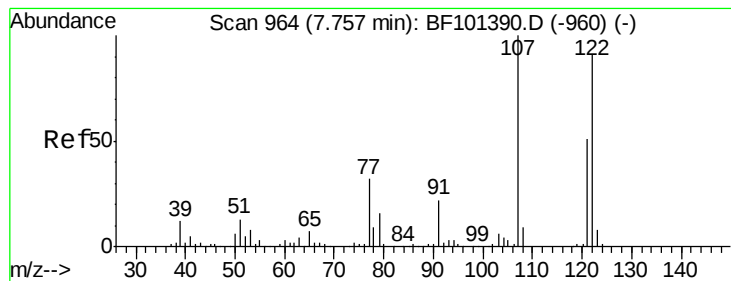
Ion Ratio Lower Upper

139 100

109 26.3 22.7 34.1

65 50.4 40.5 60.7





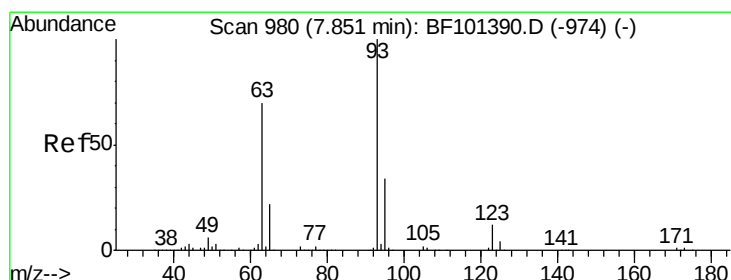
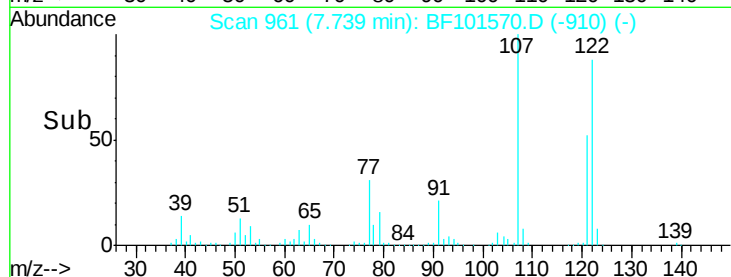
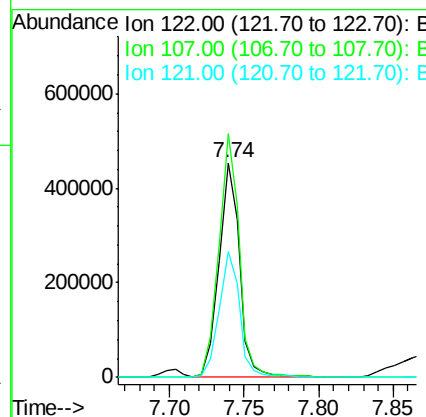
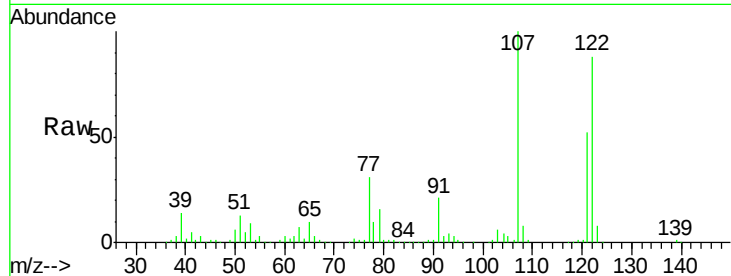
#27
 2,4-Dimethylphenol
 Concen: 44.257 ng
 RT: 7.74 min Scan# 961
 Delta R.T. -0.00 min
 Lab File: BF101570.D
 Acq: 20 Dec 2017 16:24

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-121817MSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	436558		
107	113.4	91.2	136.8	
121	58.5	47.2	70.8	

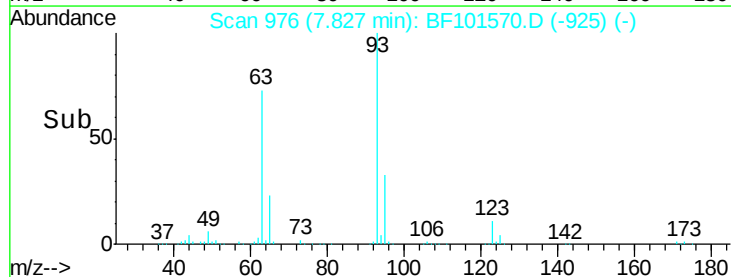
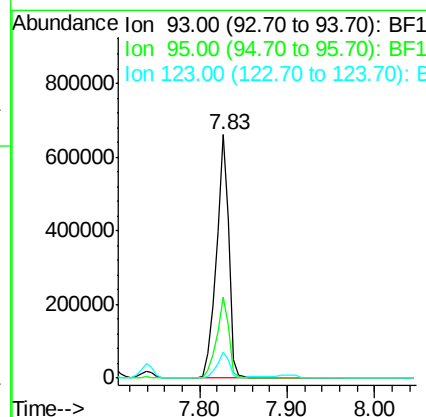
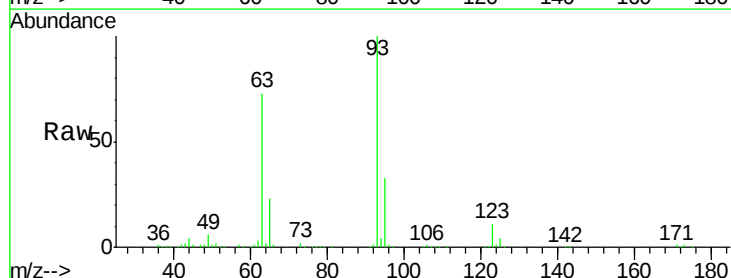
Manual Integrations
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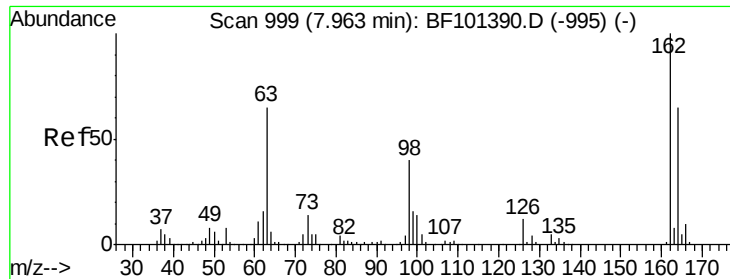
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#28
 bis(2-Chloroethoxy)methane
 Concen: 41.765 ng
 RT: 7.83 min Scan# 976
 Delta R.T. -0.00 min
 Lab File: BF101570.D
 Acq: 20 Dec 2017 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	649913		
95	33.1	26.3	39.5	
123	10.8	9.8	14.6	





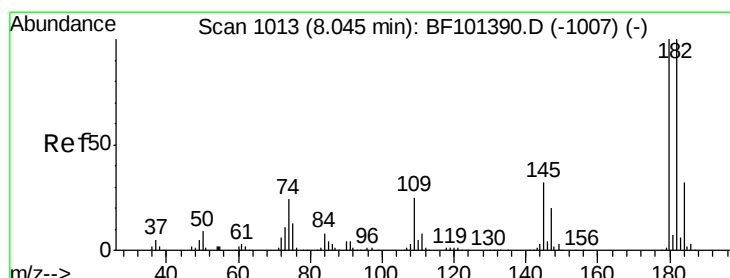
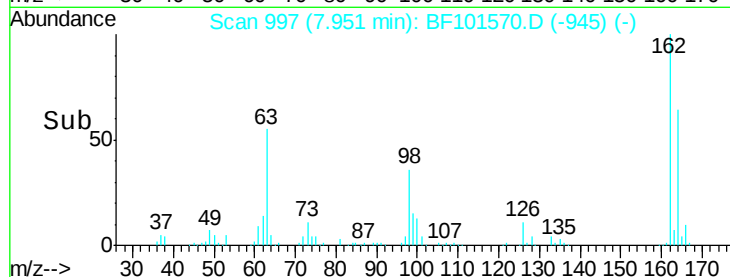
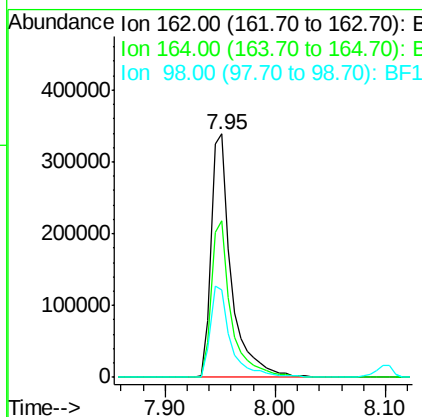
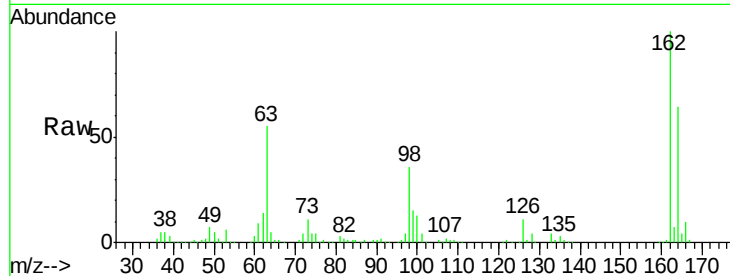
#29
2,4-Dichlorophenol
Concen: 43.458 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.01 min
Lab File: BF101570.D
Acq: 20 Dec 2017 16:24

Instrument :
BNA_F
ClientSampleId :
OK-01-121817MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	423514		
164	64.2	42.7	82.7	
98	35.7	18.1	58.1	

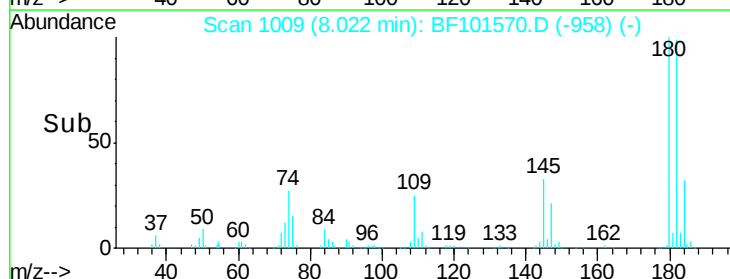
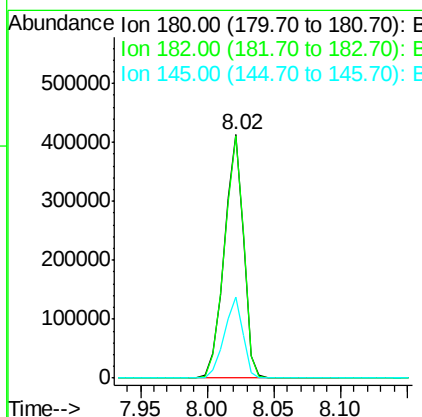
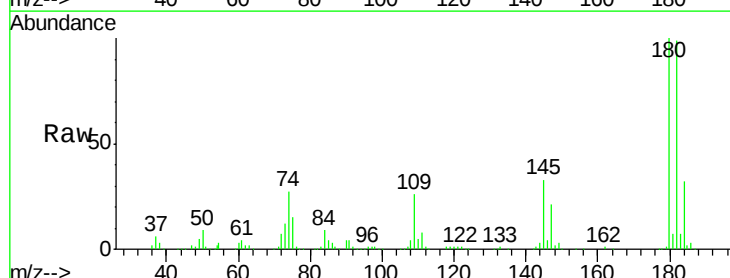
Manual Integrations
APPROVED

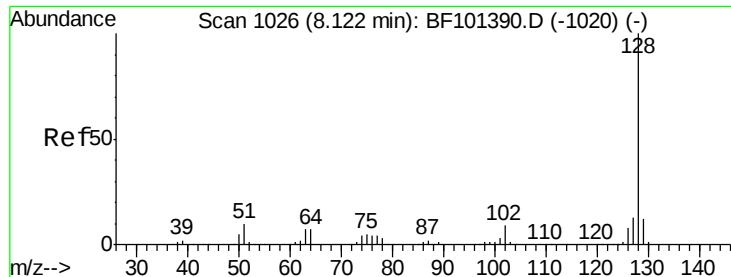
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#30
1,2,4-Trichlorobenzene
Concen: 40.914 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF101570.D
Acq: 20 Dec 2017 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	420766		
182	99.3	76.8	115.2	
145	33.0	26.5	39.7	





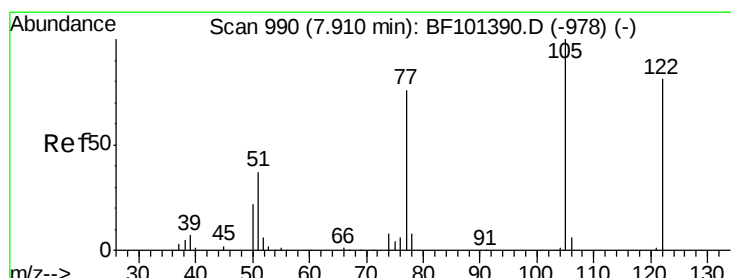
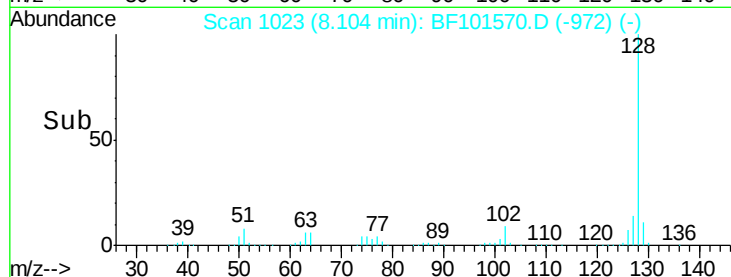
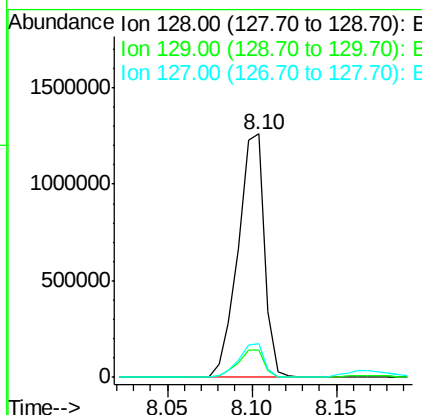
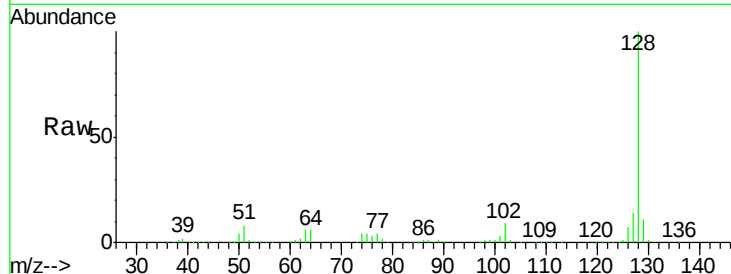
#31
Naphthalene
Concen: 40.213 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF101570.D
Acq: 20 Dec 2017 16:24

Instrument :
BNA_F
ClientSampleId :
OK-01-121817MSD

Tgt Ion:128 Resp: 1376176
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.8 10.9 16.3

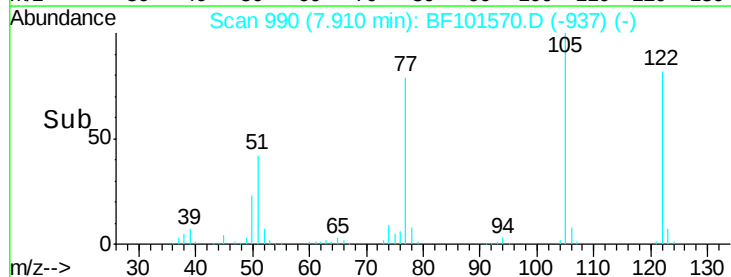
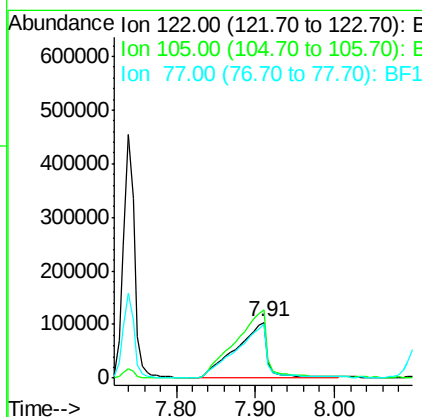
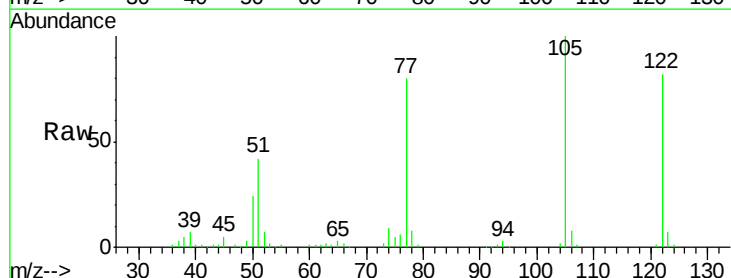
Manual Integrations
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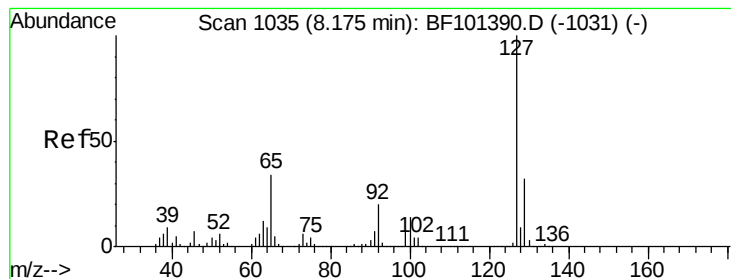
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#32
Benzoic acid
Concen: 43.616 ng
RT: 7.91 min Scan# 990
Delta R.T. 0.01 min
Lab File: BF101570.D
Acq: 20 Dec 2017 16:24

Tgt Ion:122 Resp: 284097
Ion Ratio Lower Upper
122 100
105 121.4 101.1 141.1
77 97.0 70.7 110.7





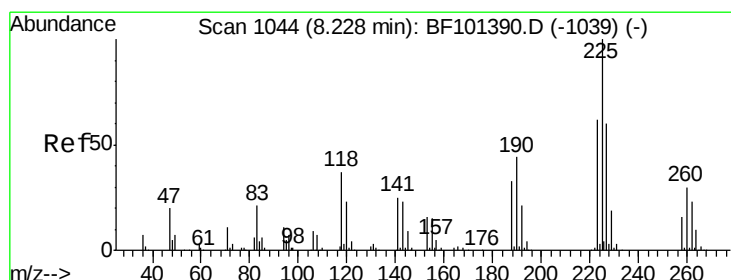
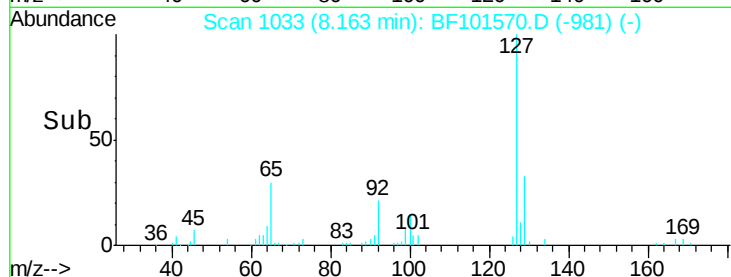
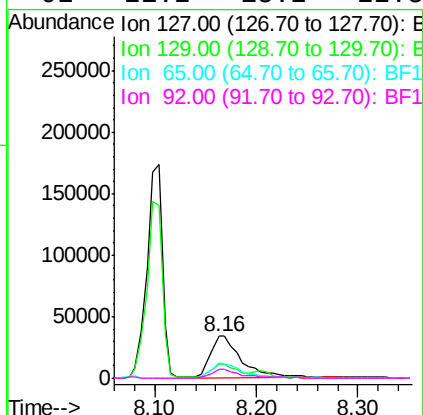
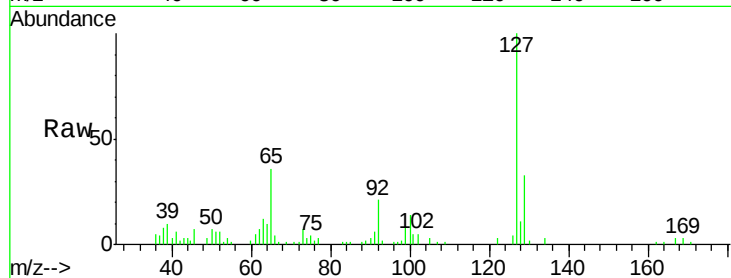
#33
 4-Chloroaniline
 Concen: 4.852 ng
 RT: 8.16 min Scan# 1033
 Delta R.T. 0.01 min
 Lab File: BF101570.D
 Acq: 20 Dec 2017 16:24

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-121817MSD

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	36.1	25.0	37.4
92	21.2	15.2	22.8

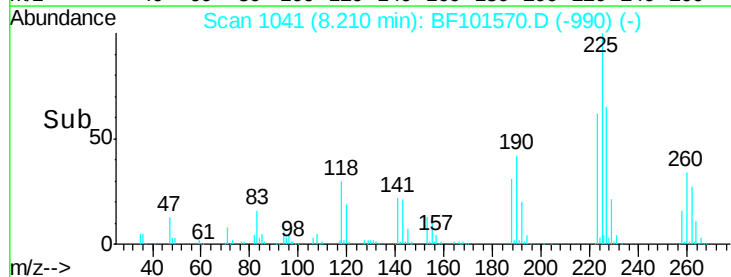
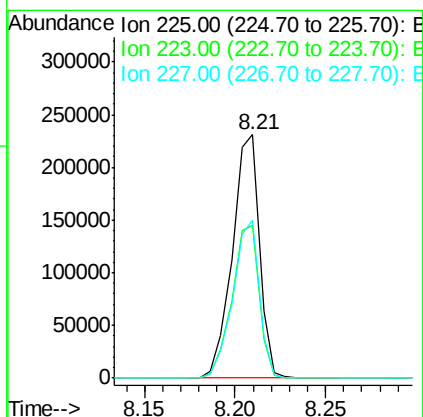
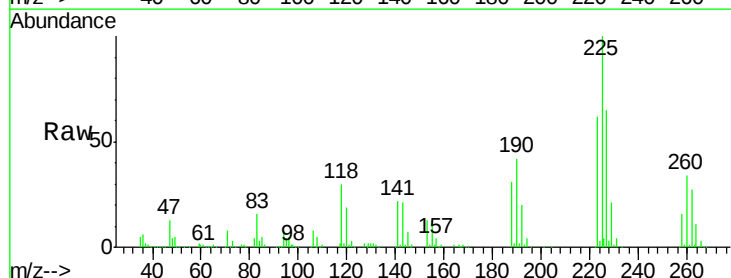
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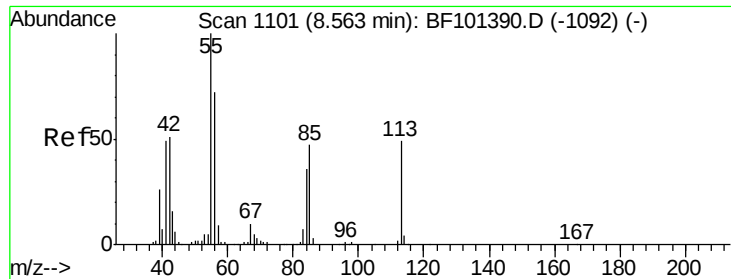
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#34
 Hexachlorobutadiene
 Concen: 40.374 ng
 RT: 8.21 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BF101570.D
 Acq: 20 Dec 2017 16:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.6	76.0
227	64.6	51.9	77.9





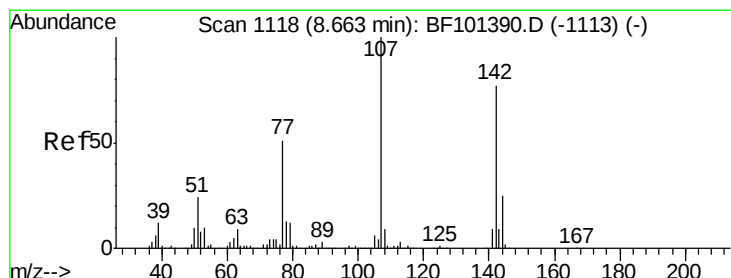
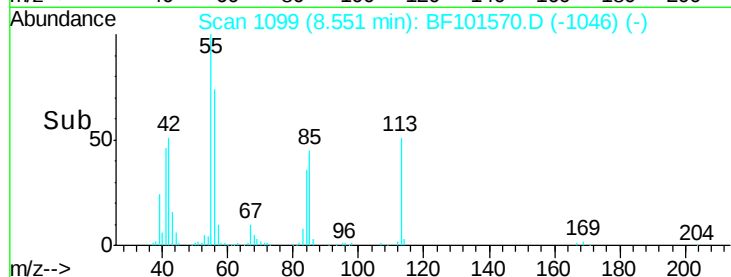
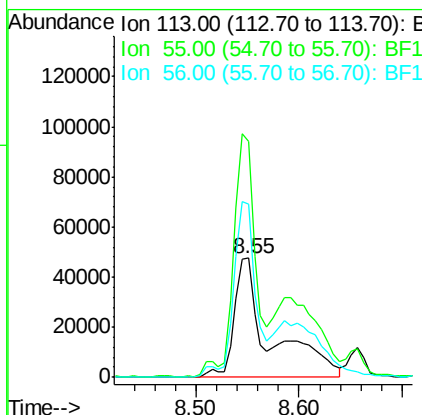
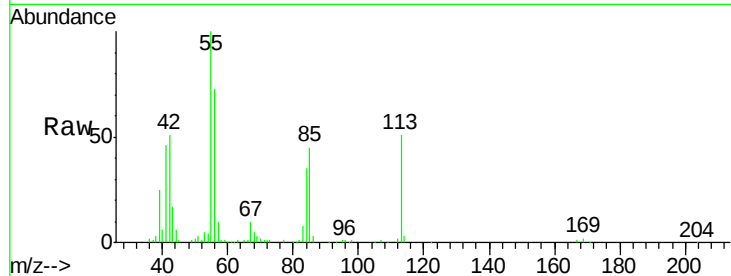
#35
 Caprolactam
 Concen: 34.121 ng m
 RT: 8.55 min Scan# 1099
 Delta R.T. 0.01 min
 Lab File: BF101570.D
 Acq: 20 Dec 2017 16:24

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-121817MSD

Tgt Ion:113 Resp: 115462
 Ion Ratio Lower Upper
 113 100
 55 197.3 163.3 203.3
 56 144.8 115.7 155.7

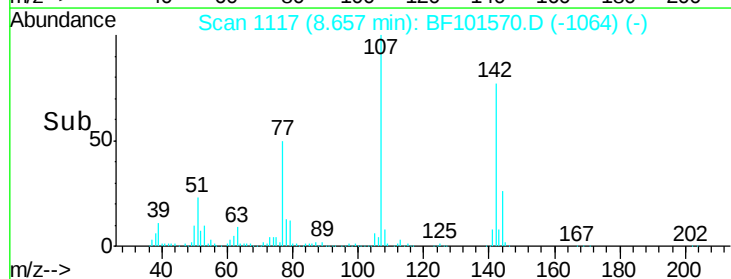
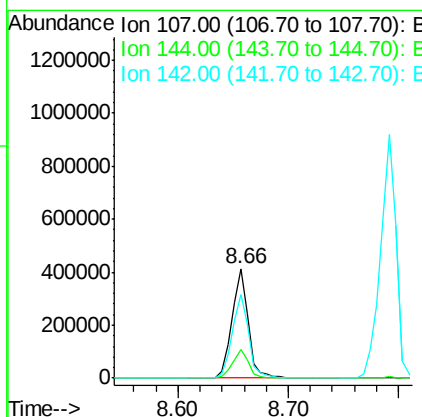
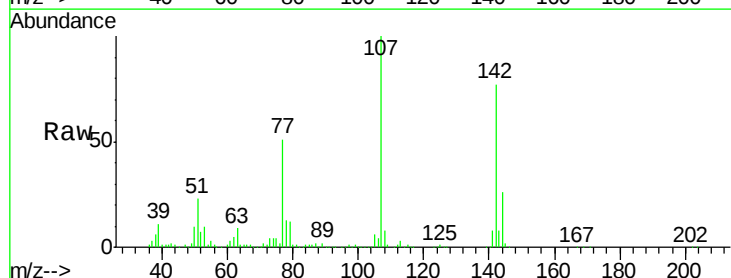
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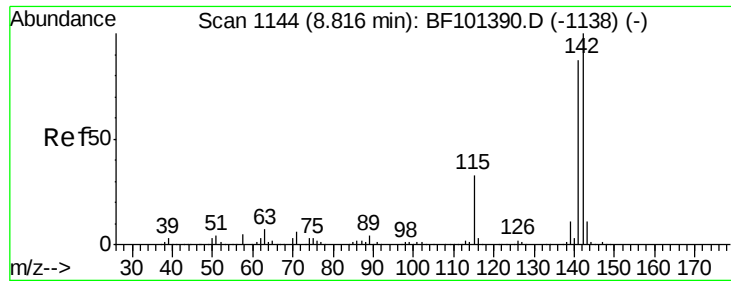
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#36
 4-Chloro-3-methylphenol
 Concen: 40.213 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. 0.01 min
 Lab File: BF101570.D
 Acq: 20 Dec 2017 16:24

Tgt Ion:107 Resp: 430728
 Ion Ratio Lower Upper
 107 100
 144 26.2 20.5 30.7
 142 76.9 62.0 93.0





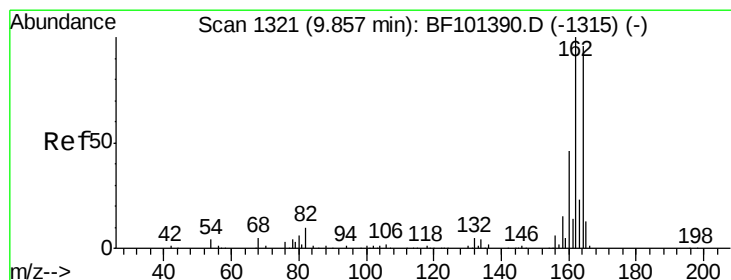
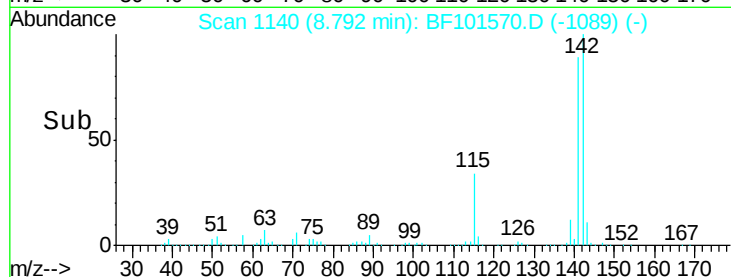
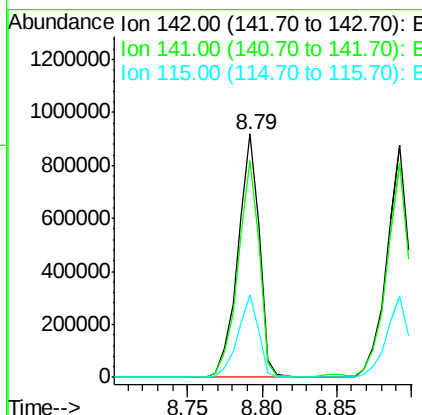
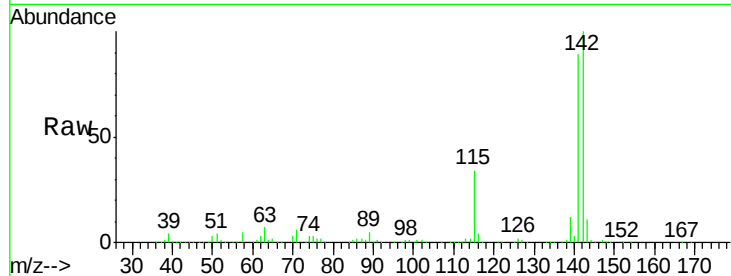
#37
2-Methylnaphthalene
Concen: 40.963 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.00 min
Lab File: BF101570.D
Acq: 20 Dec 2017 16:24

Instrument :
BNA_F
ClientSampleId :
OK-01-121817MSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.8	106.2
115	33.6	26.1	39.1

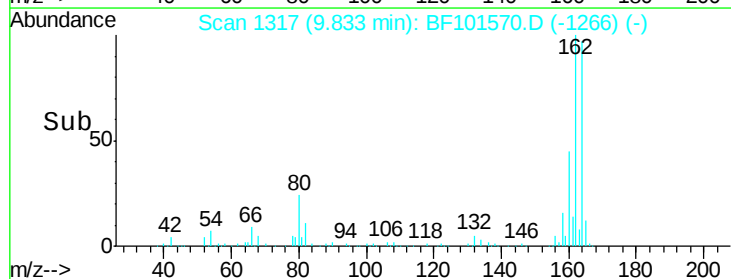
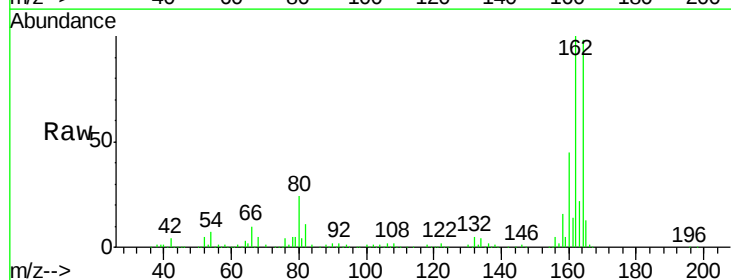
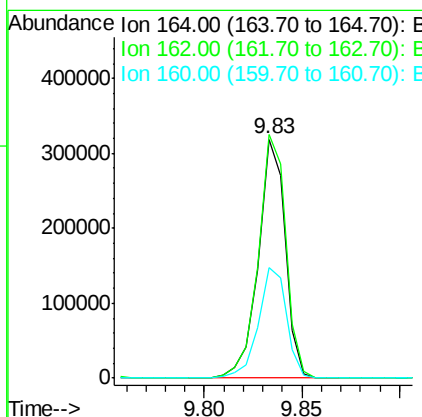
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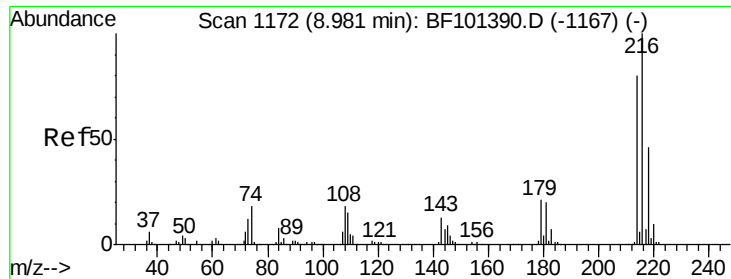
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF101570.D
Acq: 20 Dec 2017 16:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	86.1	129.1
160	46.1	38.3	57.5





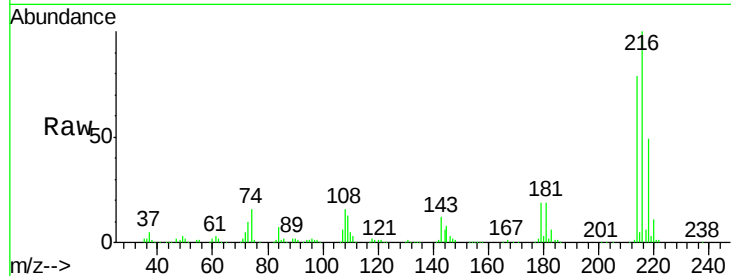
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.516 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. 0.01 min
 Lab File: BF101570.D
 Acq: 20 Dec 2017 16:24

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-121817MSD

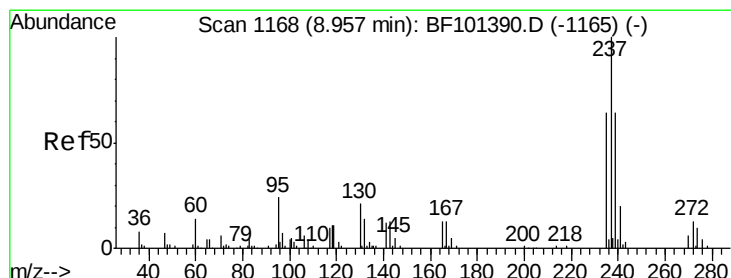
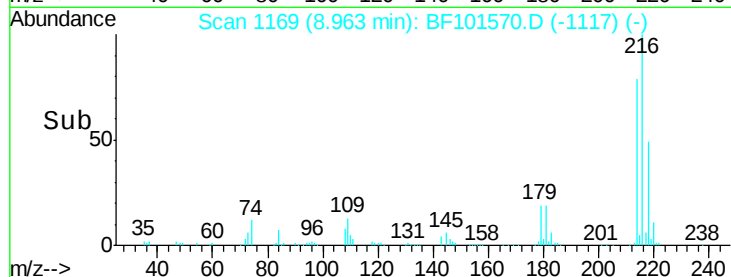
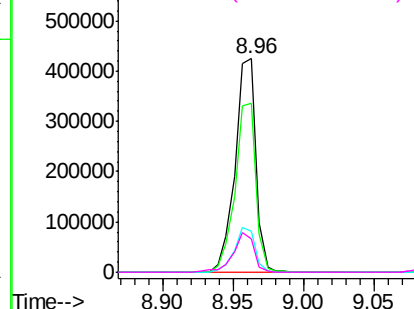
Tgt Ion:	216	Resp:	437870
Ion Ratio	Lower	Upper	
216	100		
214	78.8	63.0	94.4
179	20.5	18.1	27.1
108	18.6	17.2	25.8

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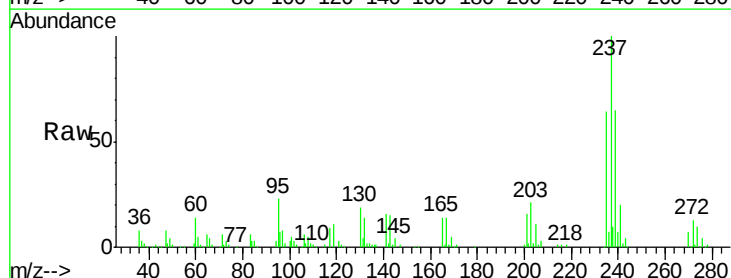


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

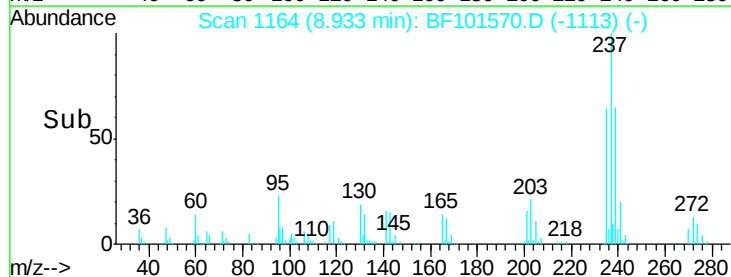
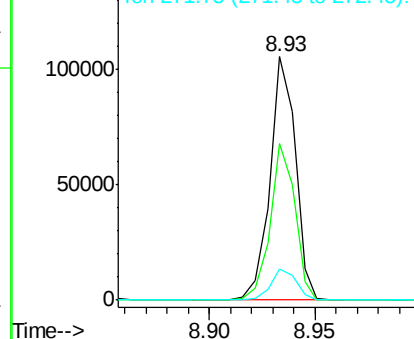


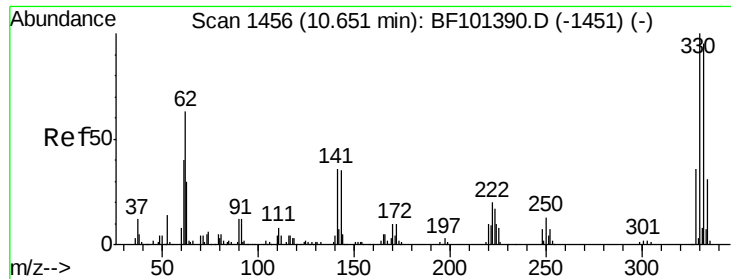
#40
 Hexachlorocyclopentadiene
 Concen: 52.259 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. -0.00 min
 Lab File: BF101570.D
 Acq: 20 Dec 2017 16:24

Tgt Ion:	237	Resp:	88737
Ion Ratio	Lower	Upper	
237	100		
235	64.2	44.8	84.8
272	12.8	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: 111.893 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.00 min

Lab File: BF101570.D

Acq: 20 Dec 2017 16:24

Instrument :

BNA_F

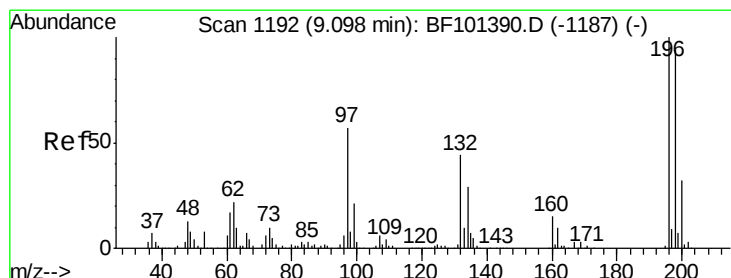
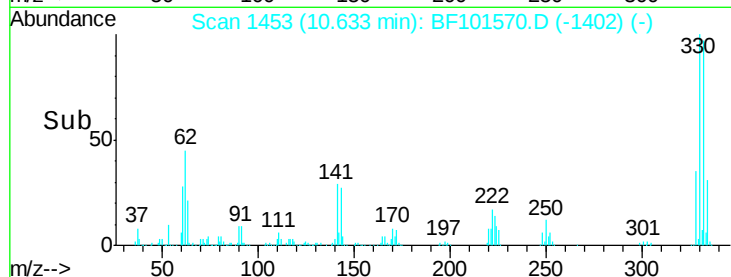
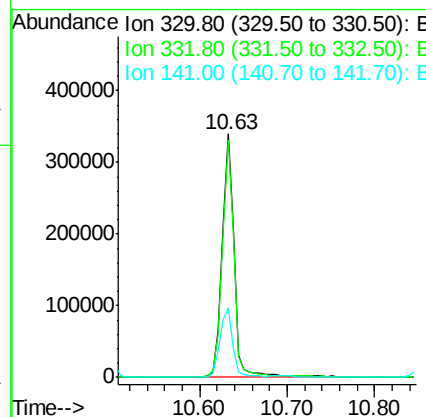
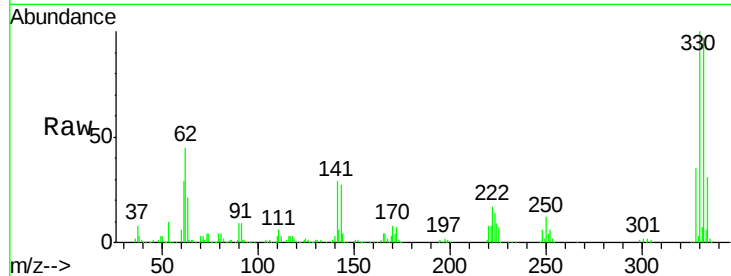
ClientSampleId :

OK-01-121817MSD

Tgt Ion:	330	Resp:	328885
Ion Ratio	Lower	Upper	
330	100		
332	96.3	77.0	115.6
141	30.3	29.9	44.9

Manual Integrations
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#42

2,4,6-Trichlorophenol

Concen: 43.944 ng

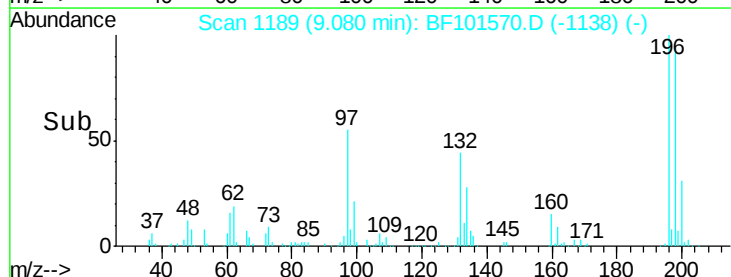
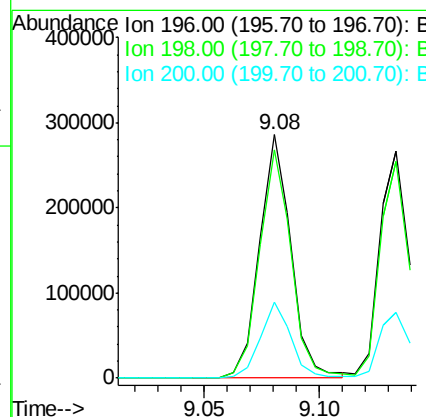
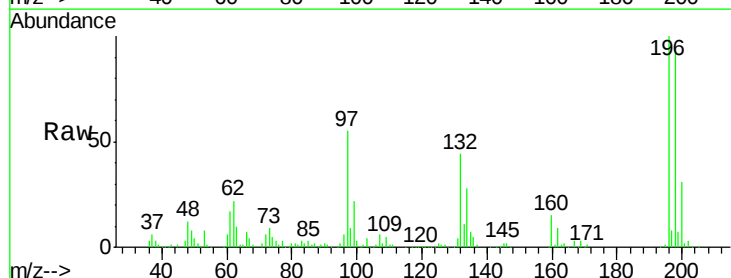
RT: 9.08 min Scan# 1189

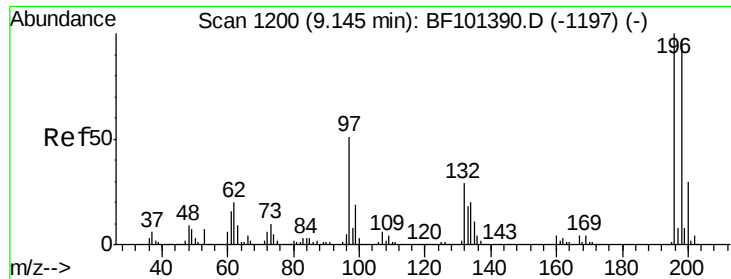
Delta R.T. -0.00 min

Lab File: BF101570.D

Acq: 20 Dec 2017 16:24

Tgt Ion:	196	Resp:	272459
Ion Ratio	Lower	Upper	
196	100		
198	93.8	75.7	113.5
200	31.1	24.5	36.7





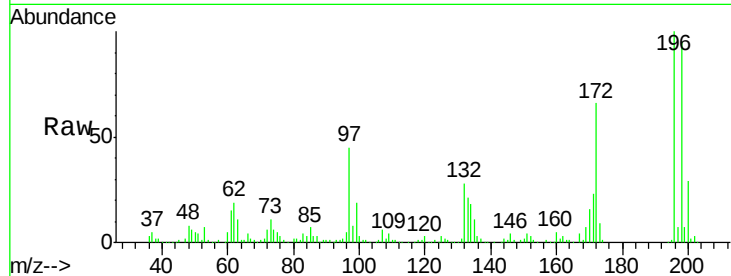
#43
 2,4,5-Trichlorophenol
 Concen: 39.694 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF101570.D
 Acq: 20 Dec 2017 16:24

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-121817MSD

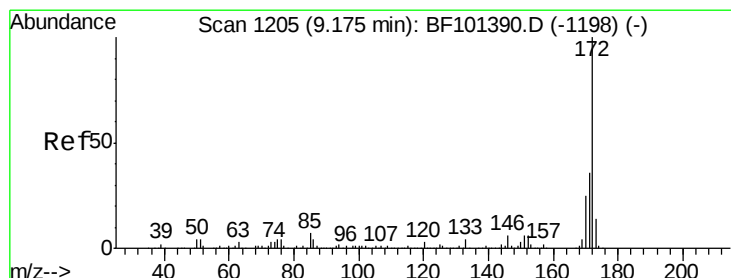
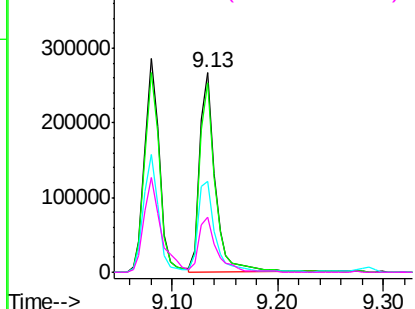
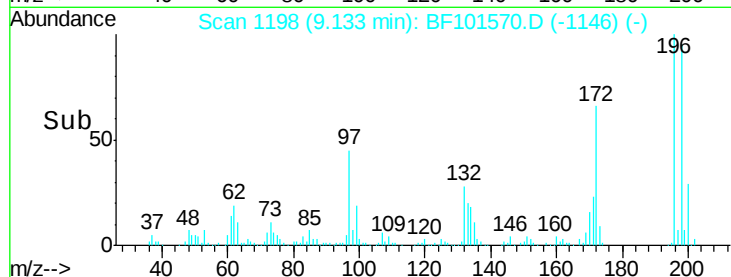
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	269475		
198	95.1	74.6	112.0	
97	45.4	42.9	64.3	
132	27.6	26.3	39.5	

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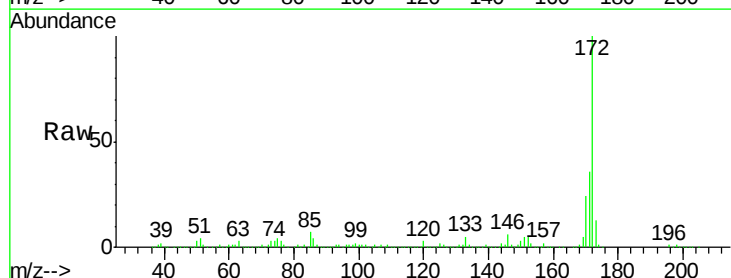


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

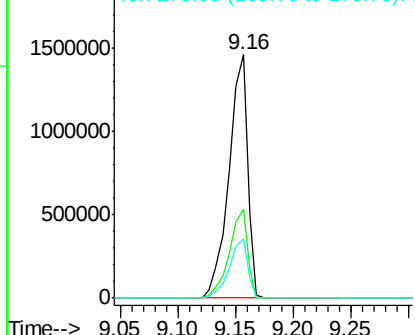
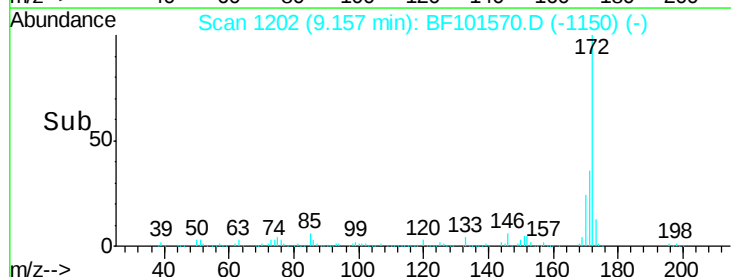


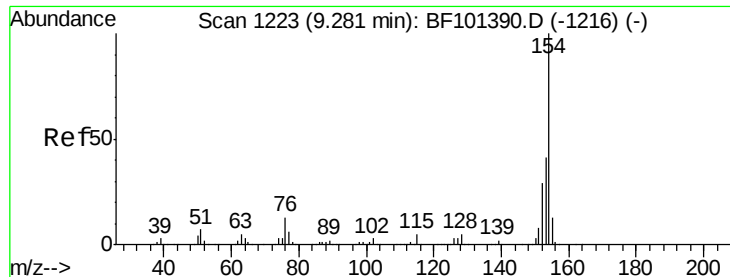
#44
 2-Fluorobiphenyl
 Concen: 83.027 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF101570.D
 Acq: 20 Dec 2017 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1632638		
171	36.3	29.7	44.5	
170	24.2	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





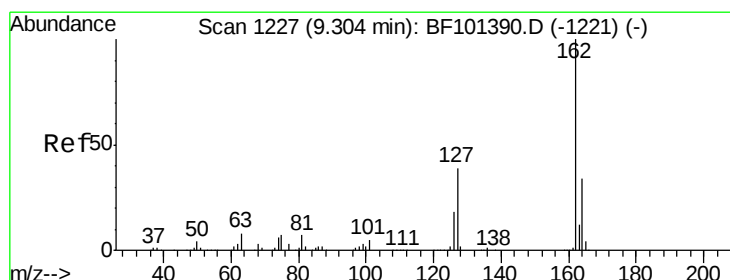
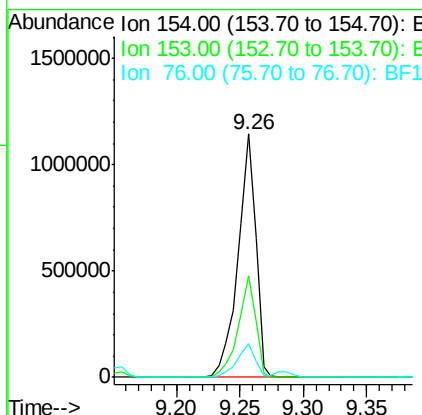
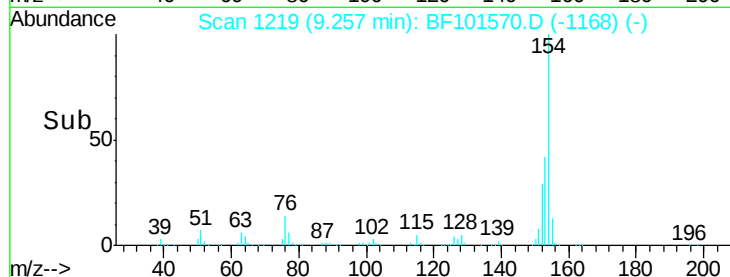
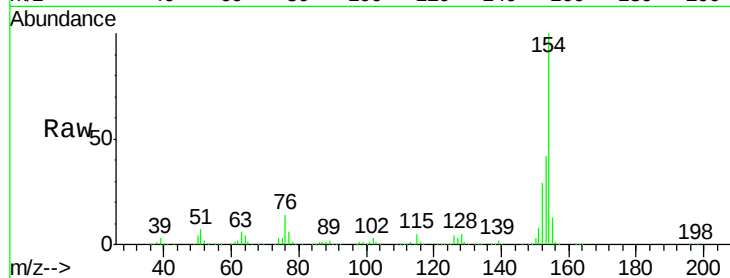
#45
 1,1'-Biphenyl
 Concen: 40.731 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.00 min
 Lab File: BF101570.D
 Acq: 20 Dec 2017 16:24

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-121817MSD

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	21.3	61.3
76	14.0	0.0	34.0

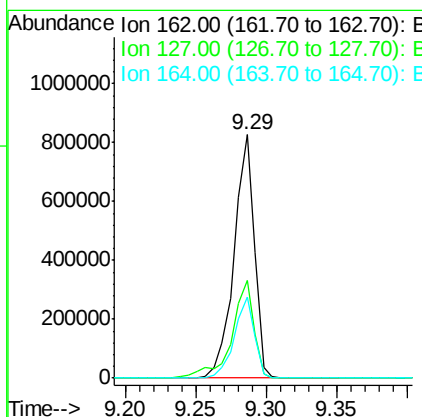
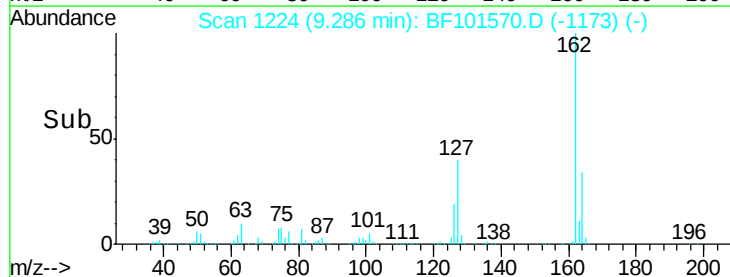
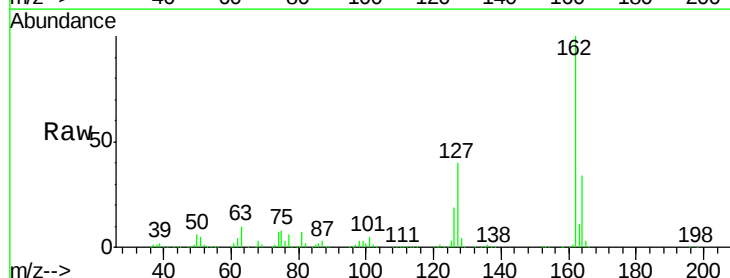
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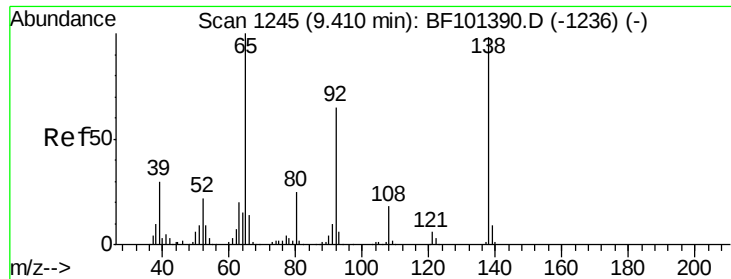
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#46
 2-Chloronaphthalene
 Concen: 39.999 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BF101570.D
 Acq: 20 Dec 2017 16:24

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.0	33.9	50.9
164	33.5	26.5	39.7





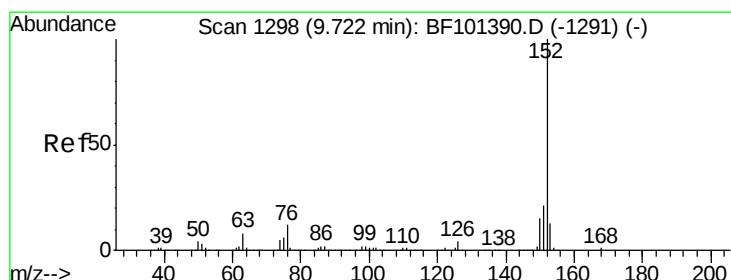
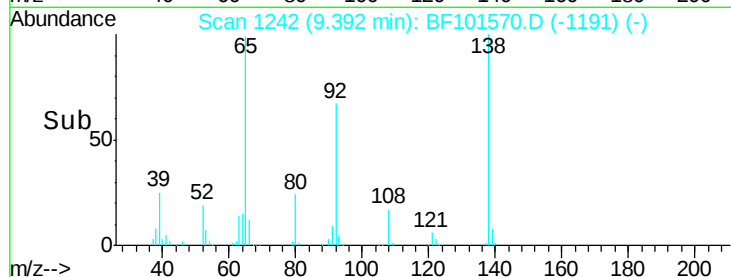
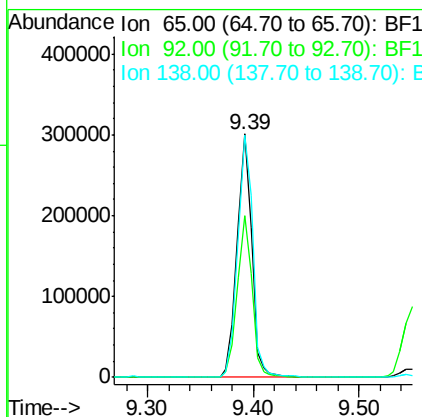
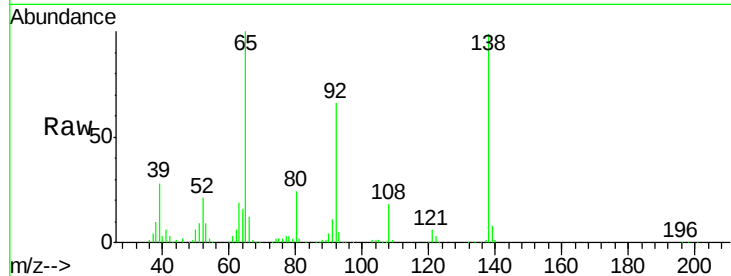
#47
2-Nitroaniline
Concen: 40.233 ng
RT: 9.39 min Scan# 1242
Delta R.T. -0.00 min
Lab File: BF101570.D
Acq: 20 Dec 2017 16:24

Instrument :
BNA_F
ClientSampleId :
OK-01-121817MSD

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	287688		
92	66.3	55.8	83.6	
138	99.4	91.2	136.8	

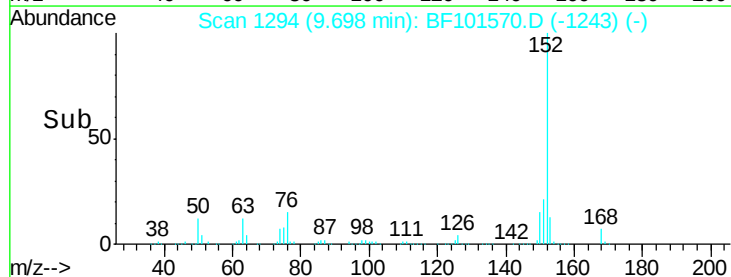
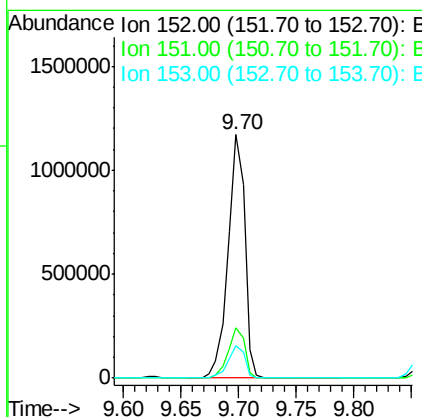
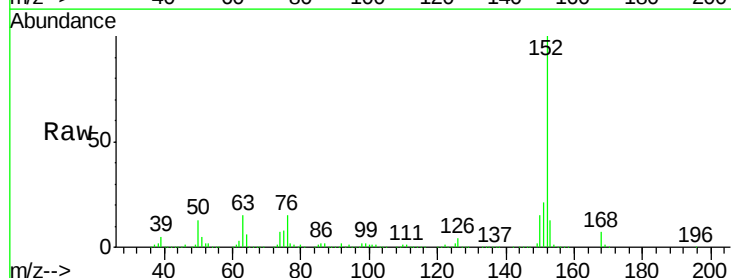
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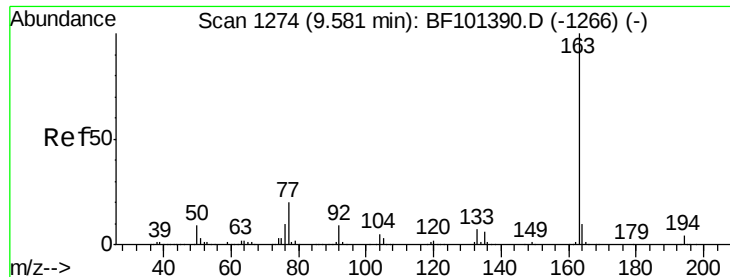
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#48
Acenaphthylene
Concen: 36.047 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BF101570.D
Acq: 20 Dec 2017 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1178500		
151	20.6	16.3	24.5	
153	13.4	10.7	16.1	





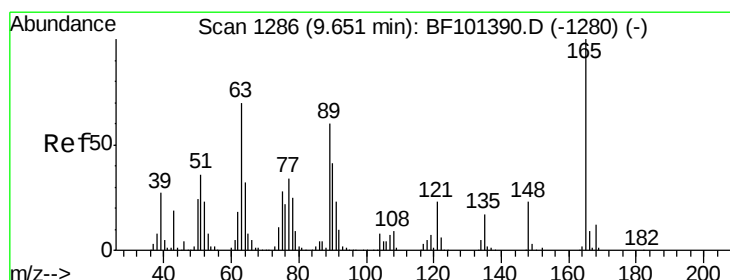
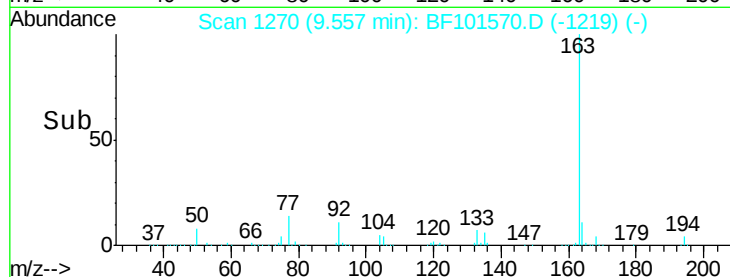
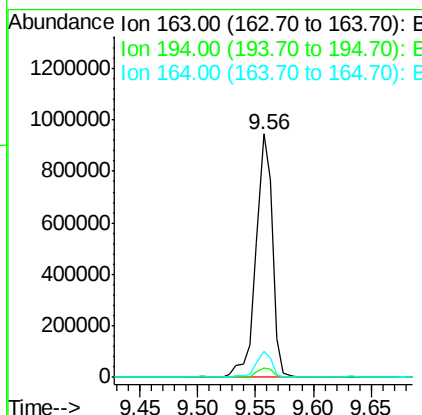
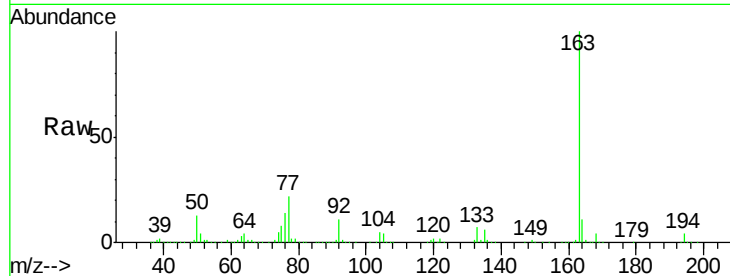
#49
Dimethylphthalate
Concen: 38.195 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.00 min
Lab File: BF101570.D
Acq: 20 Dec 2017 16:24

Instrument :
BNA_F
ClientSampleId :
OK-01-121817MSD

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	937163		
194	3.7	2.7	4.1	
164	10.8	8.2	12.2	

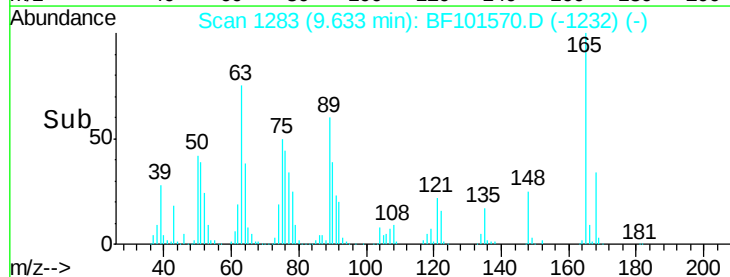
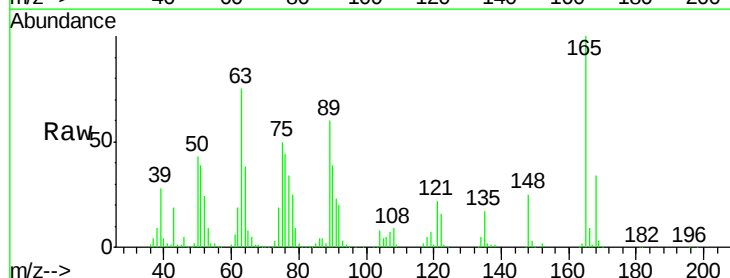
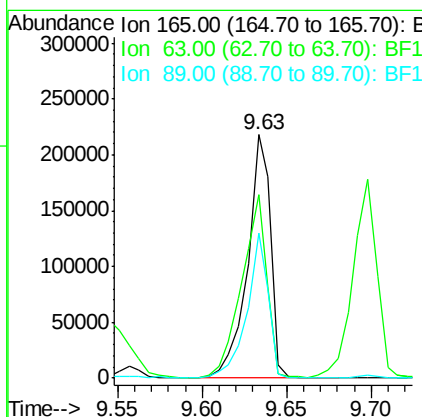
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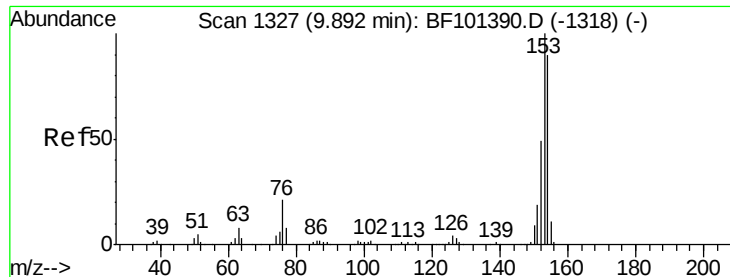
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#50
2,6-Dinitrotoluene
Concen: 41.835 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BF101570.D
Acq: 20 Dec 2017 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	208620		
63	75.2	44.7	67.1#	
89	59.8	44.0	66.0	





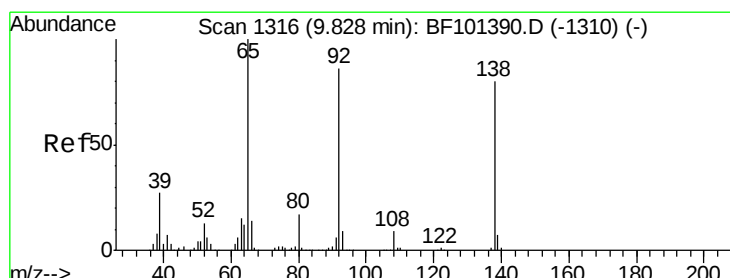
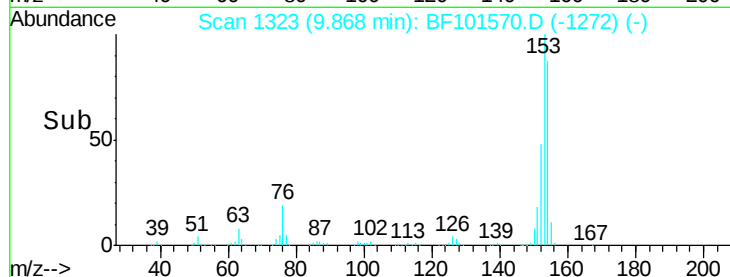
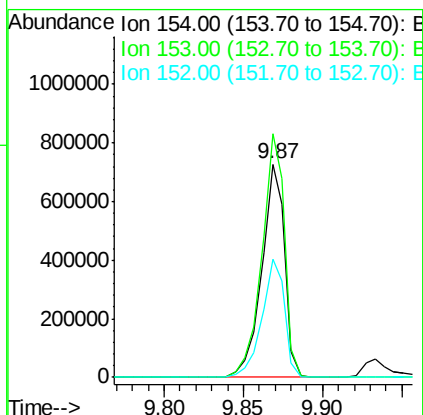
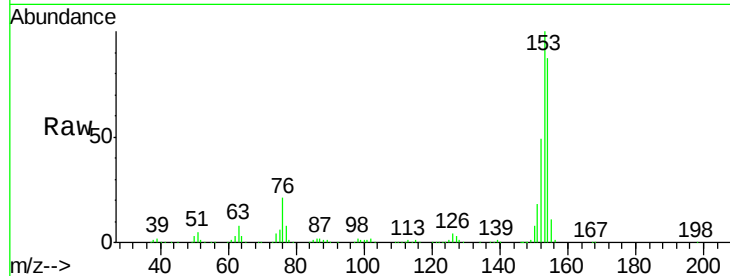
#51
Acenaphthene
Concen: 37.245 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BF101570.D
Acq: 20 Dec 2017 16:24

Instrument :
BNA_F
ClientSampleId :
OK-01-121817MSD

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.3	91.2	136.8
152	55.5	43.8	65.8

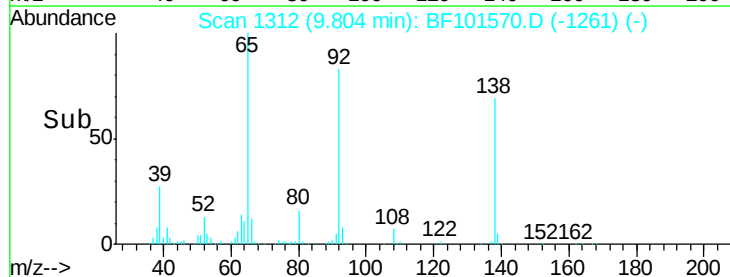
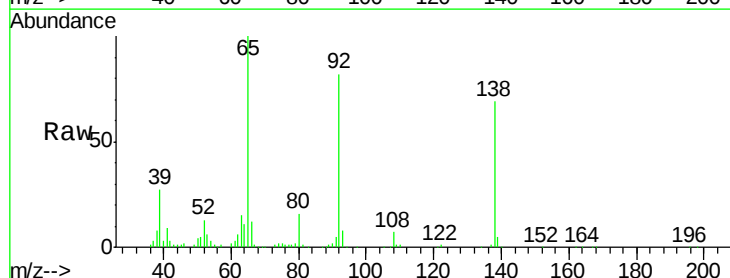
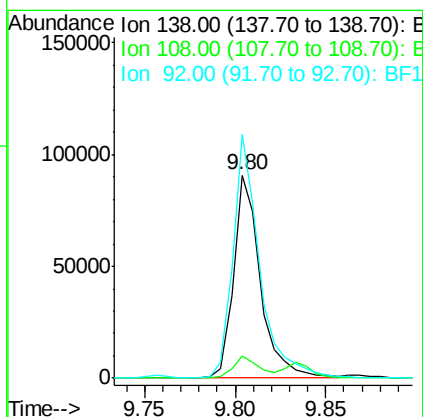
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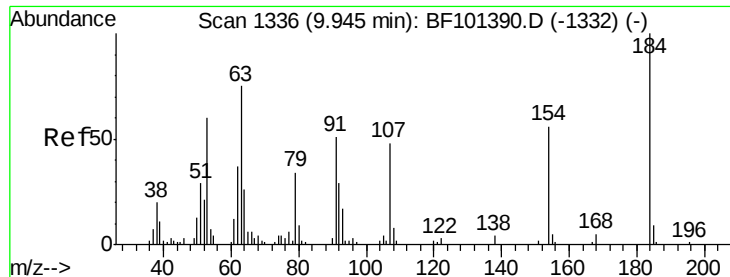
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#52
3-Nitroaniline
Concen: 15.079 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF101570.D
Acq: 20 Dec 2017 16:24

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.7	9.4	14.0
92	119.8	89.4	134.2





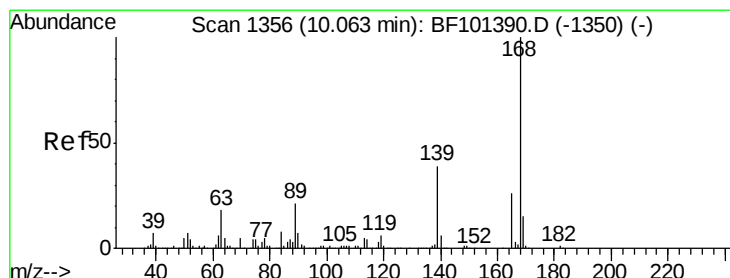
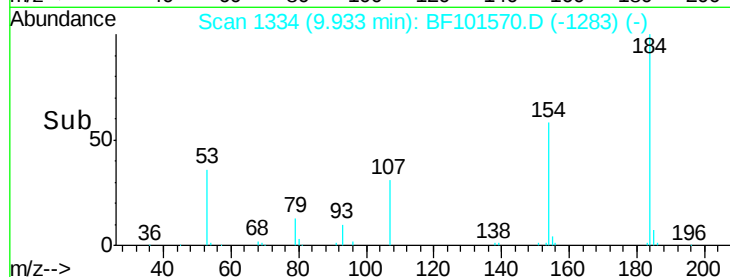
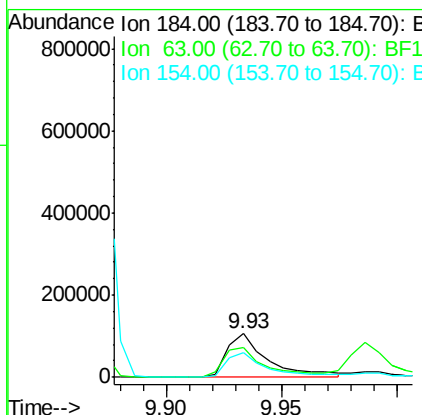
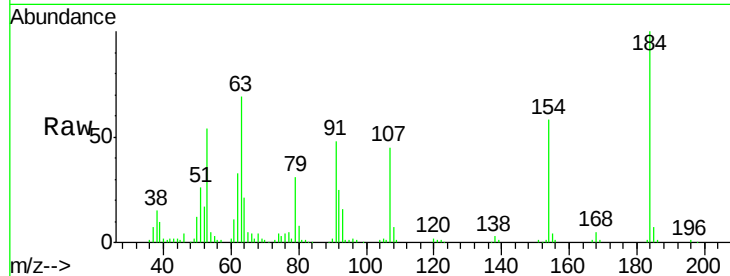
#53
2,4-Dinitrophenol
Concen: 75.883 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF101570.D
Acq: 20 Dec 2017 16:24

Instrument :
BNA_F
ClientSampleId :
OK-01-121817MSD

Tgt Ion	Ratio	Lower	Upper
184	100		
63	69.0	54.2	81.2
154	57.5	184.0	276.0#

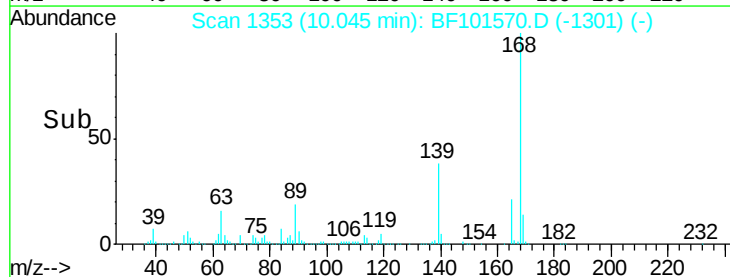
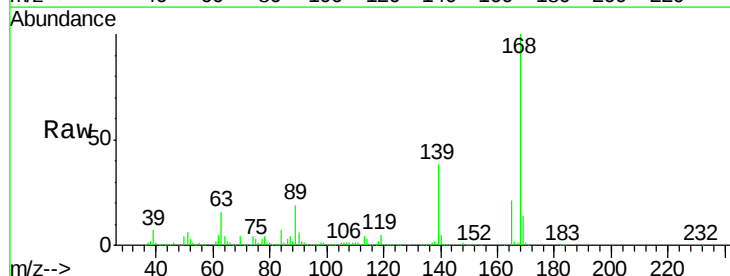
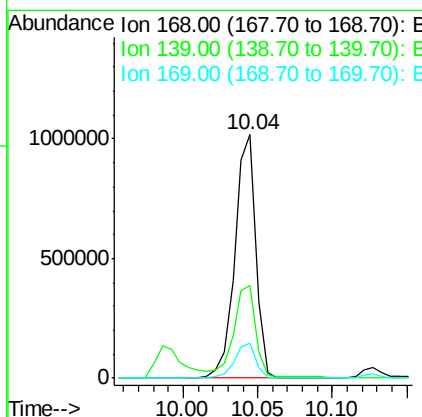
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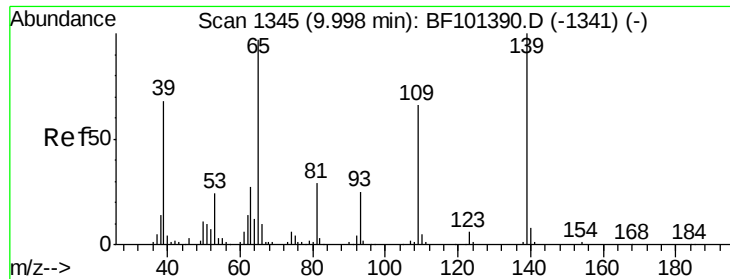
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#54
Dibenzofuran
Concen: 40.129 ng
RT: 10.04 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF101570.D
Acq: 20 Dec 2017 16:24

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.0	30.1	45.1
169	14.1	10.9	16.3





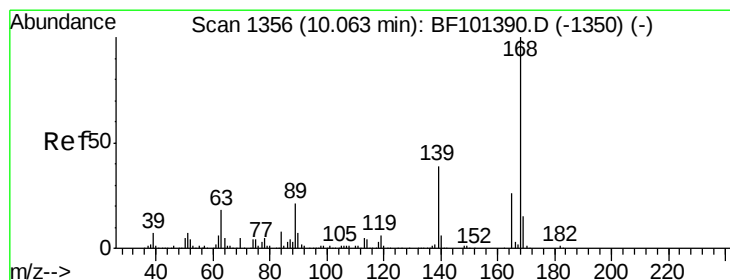
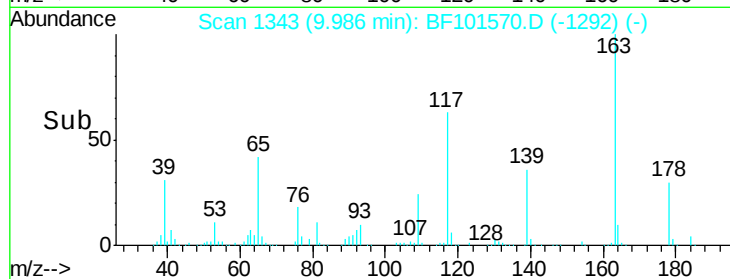
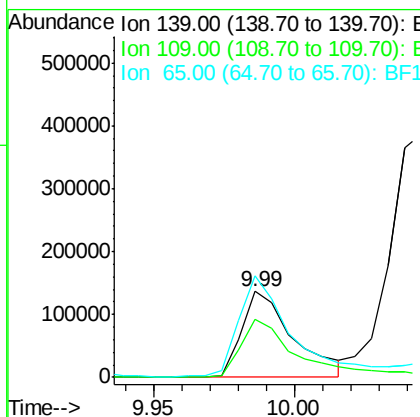
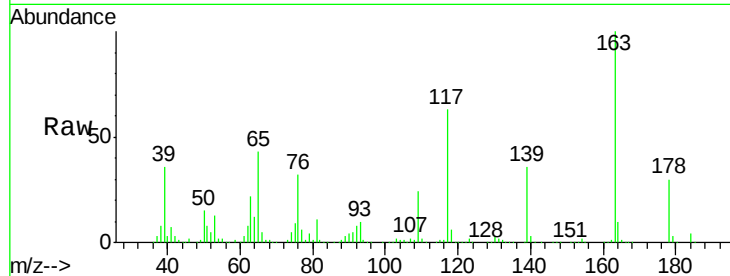
#55
4-Nitrophenol
Concen: 63.987 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BF101570.D
Acq: 20 Dec 2017 16:24

Instrument :
BNA_F
ClientSampleId :
OK-01-121817MSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	173470		
109	67.5	48.4	88.4	
65	118.5	72.6	112.6	

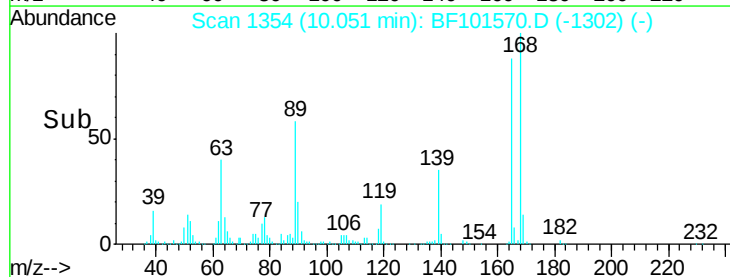
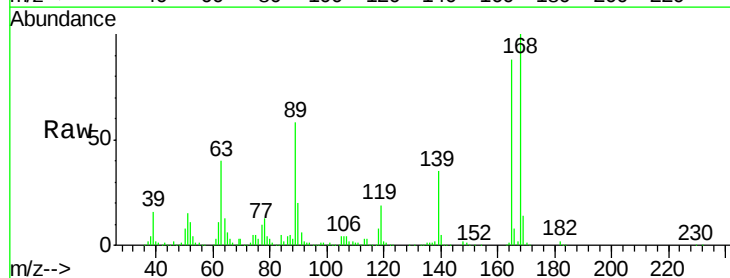
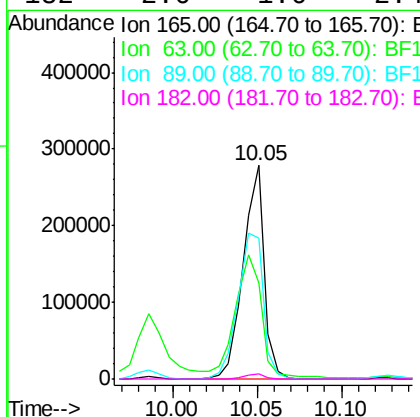
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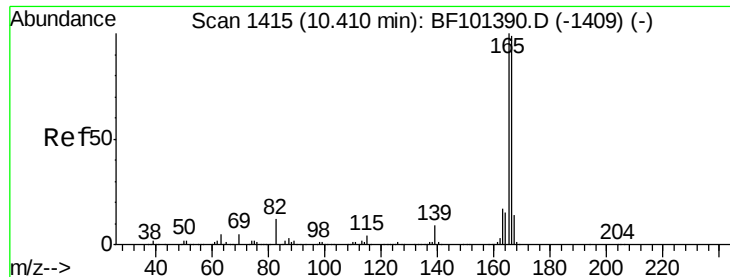
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#56
2,4-Dinitrotoluene
Concen: 43.129 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF101570.D
Acq: 20 Dec 2017 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	242317		
63	45.2	36.4	54.6	
89	66.1	57.8	86.6	
182	2.6	1.6	2.4	





#57

Fluorene

Concen: 38.356 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.00 min

Lab File: BF101570.D

Acq: 20 Dec 2017 16:24

Instrument :

BNA_F

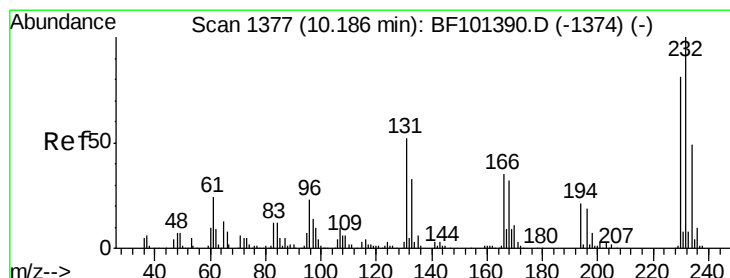
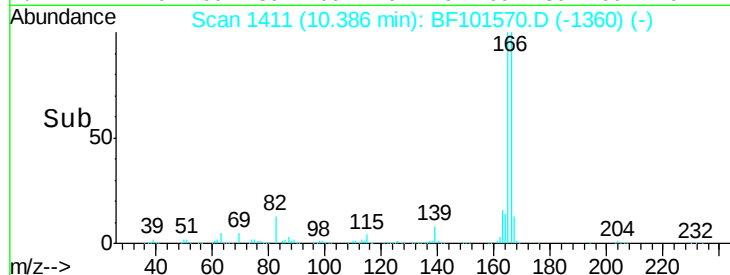
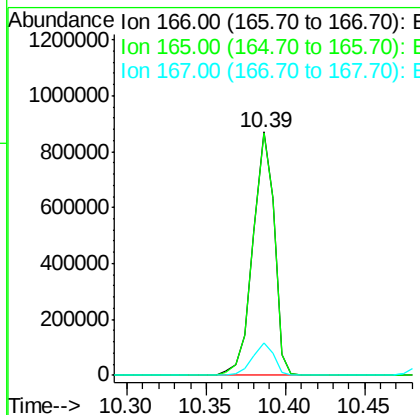
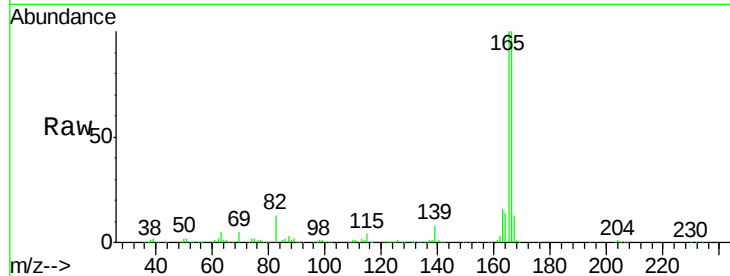
ClientSampleId :

OK-01-121817MSD

Tgt Ion:	166	Resp:	809949
Ion Ratio	Lower	Upper	
166	100		
165	99.8	79.8	119.8
167	13.4	10.6	16.0

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 43.826 ng

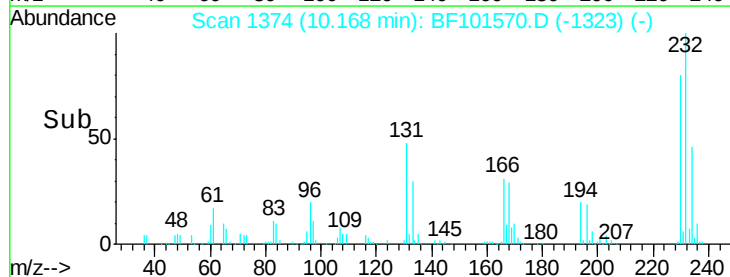
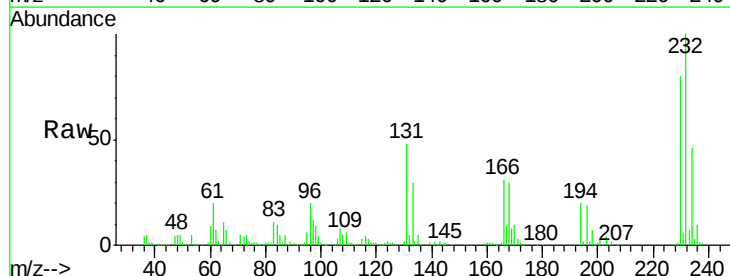
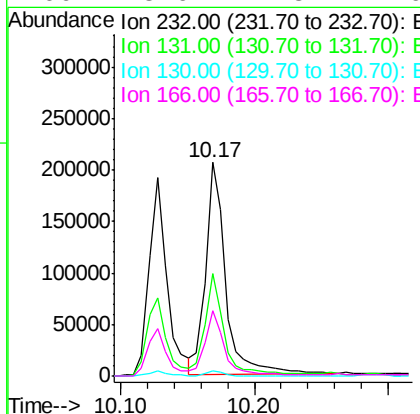
RT: 10.17 min Scan# 1374

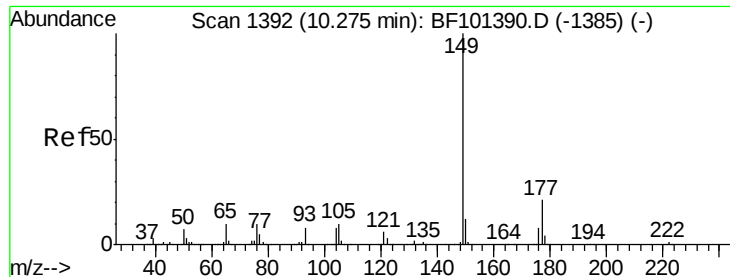
Delta R.T. -0.00 min

Lab File: BF101570.D

Acq: 20 Dec 2017 16:24

Tgt Ion:	232	Resp:	213760
Ion Ratio	Lower	Upper	
232	100		
131	44.3	43.8	65.8
130	2.3	2.1	3.1
166	28.6	27.8	41.6





#59

Diethylphthalate

Concen: 37.948 ng

RT: 10.26 min Scan# 1389

Delta R.T. 0.01 min

Lab File: BF101570.D

Acq: 20 Dec 2017 16:24

Instrument :

BNA_F

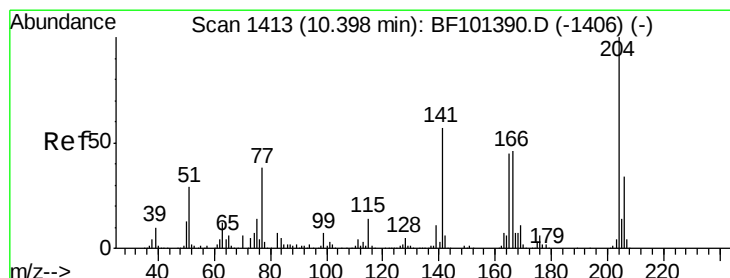
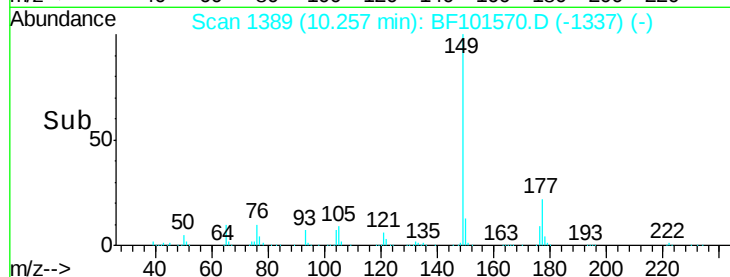
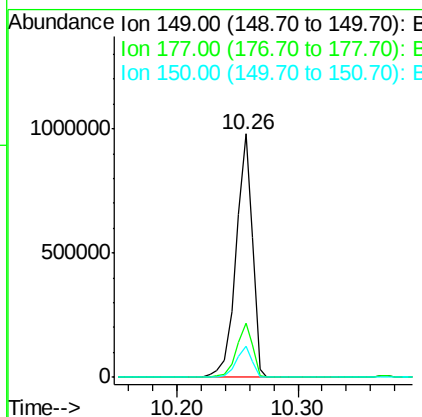
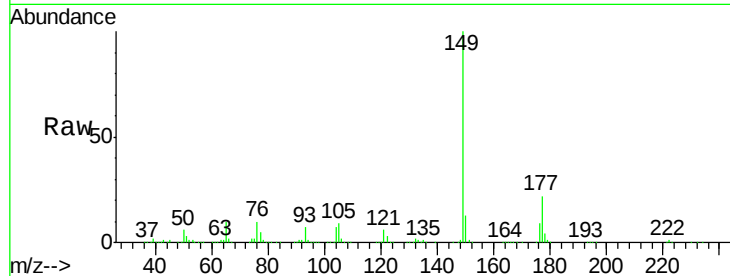
ClientSampleId :

OK-01-121817MSD

Tgt Ion:	149	Resp:	922056
Ion Ratio	Lower	Upper	
149	100		
177	22.1	16.1	24.1
150	12.8	10.1	15.1

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#60

4-Chlorophenyl-phenylether

Concen: 39.222 ng

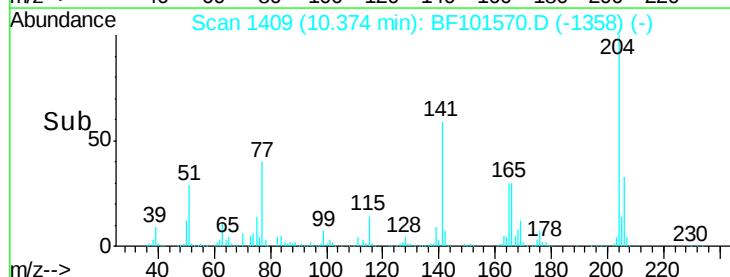
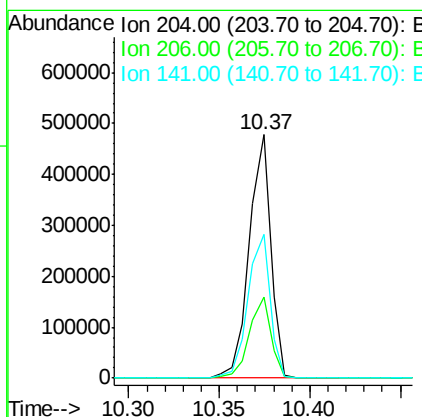
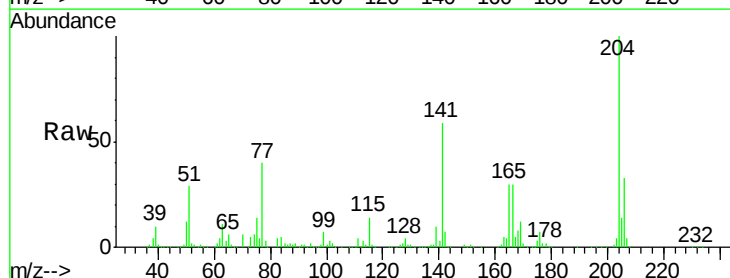
RT: 10.37 min Scan# 1409

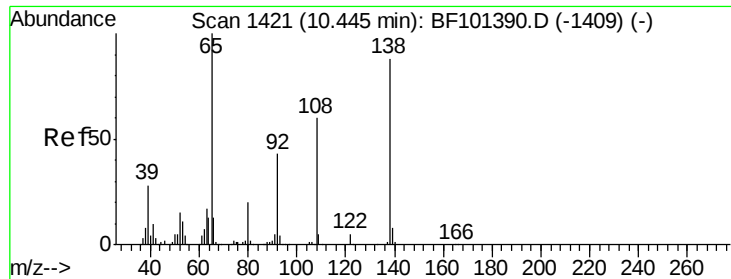
Delta R.T. -0.00 min

Lab File: BF101570.D

Acq: 20 Dec 2017 16:24

Tgt Ion:	204	Resp:	396943
Ion Ratio	Lower	Upper	
204	100		
206	33.5	26.5	39.7
141	58.9	54.6	81.8





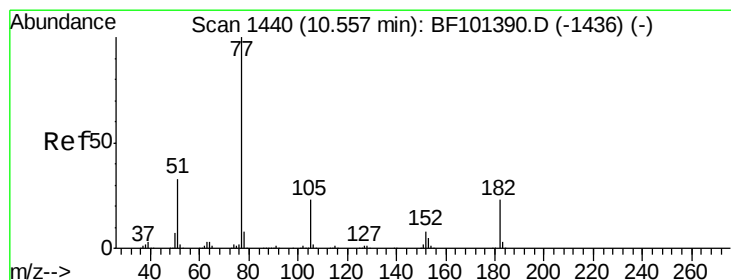
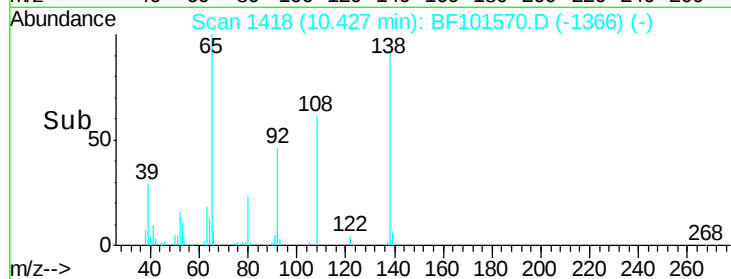
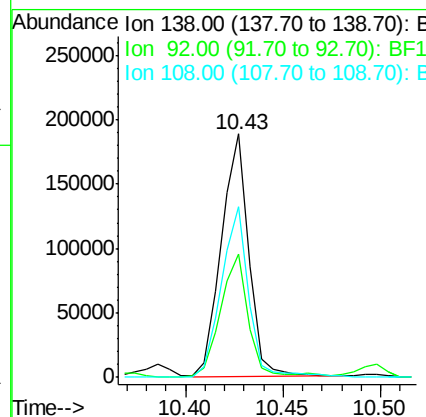
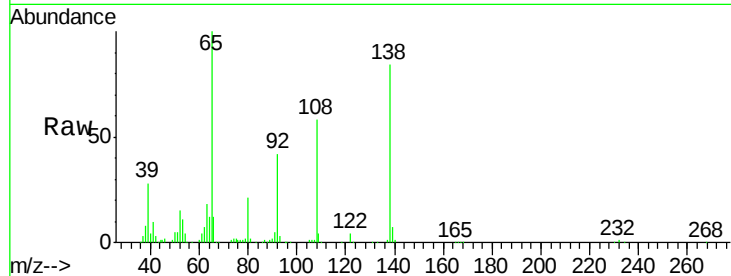
#61
4-Nitroaniline
Concen: 29.415 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF101570.D
Acq: 20 Dec 2017 16:24

Instrument :
BNA_F
ClientSampleId :
OK-01-121817MSD

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	183825		
92	50.5	30.2	70.2	
108	69.9	52.5	92.5	

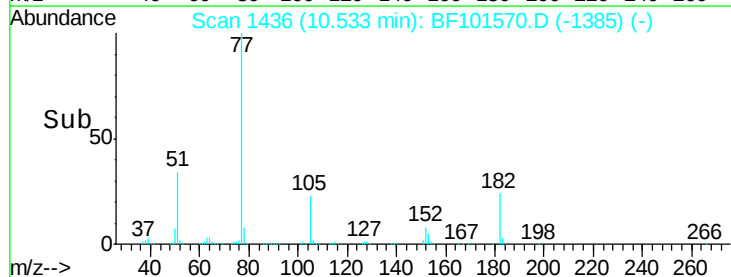
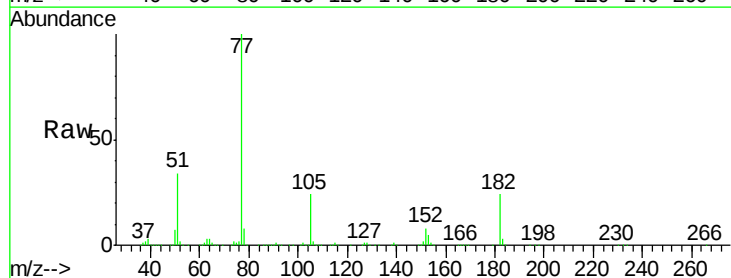
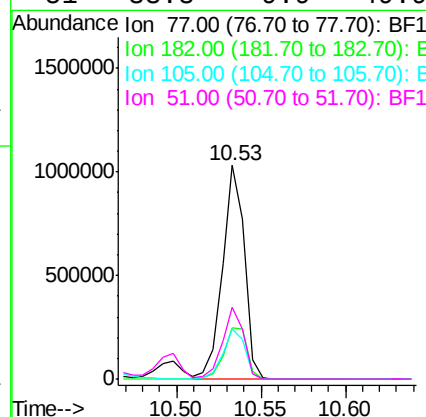
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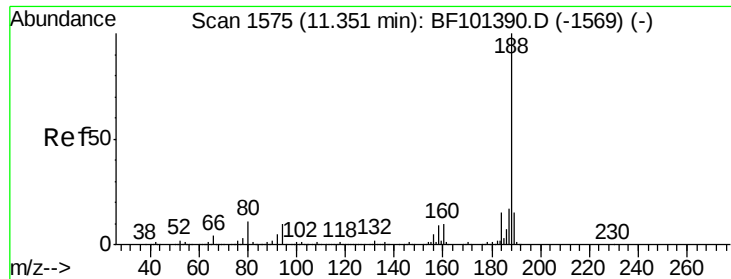
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#62
Azobenzene
Concen: 36.964 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BF101570.D
Acq: 20 Dec 2017 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	930387		
182	23.8	1.7	41.7	
105	23.6	3.0	43.0	
51	33.8	9.9	49.9	





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BF101570.D

Acq: 20 Dec 2017 16:24

Instrument :

BNA_F

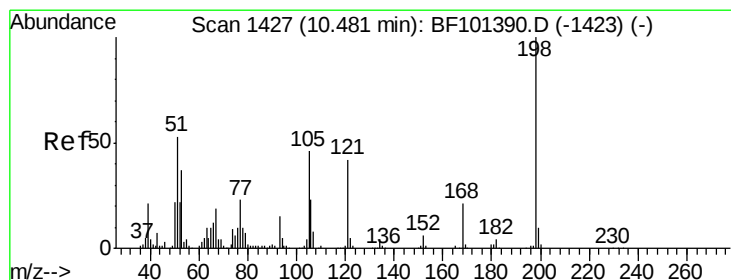
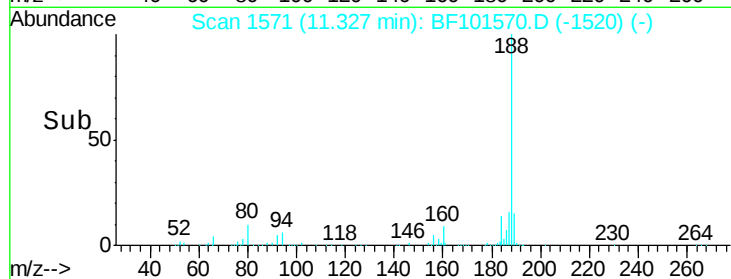
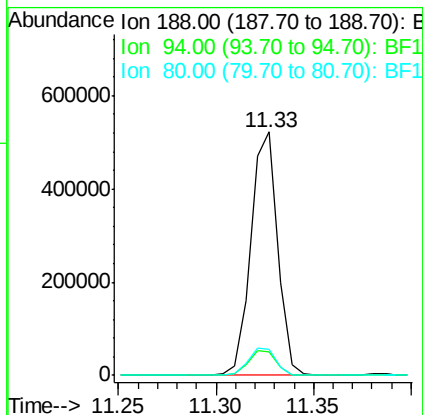
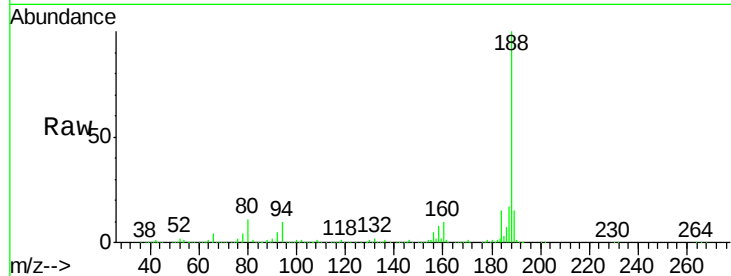
ClientSampleId :

OK-01-121817MSD

Tgt Ion:	188	Resp:	495589
Ion Ratio	Lower	Upper	
188	100		
94	9.7	8.5	12.7
80	10.6	9.2	13.8

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#64

4,6-Dinitro-2-methylphenol

Concen: 37.552 ng

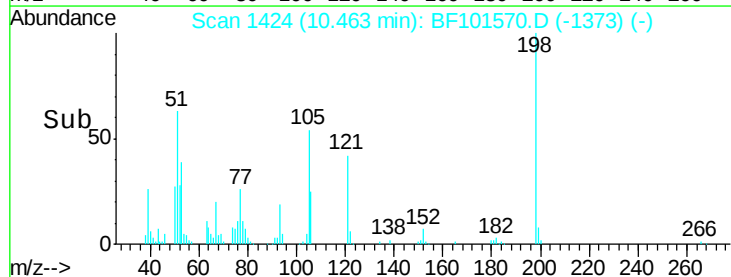
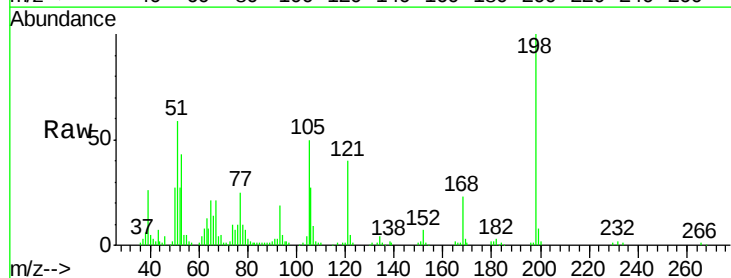
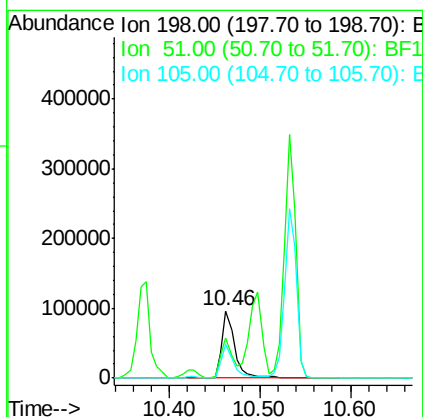
RT: 10.46 min Scan# 1424

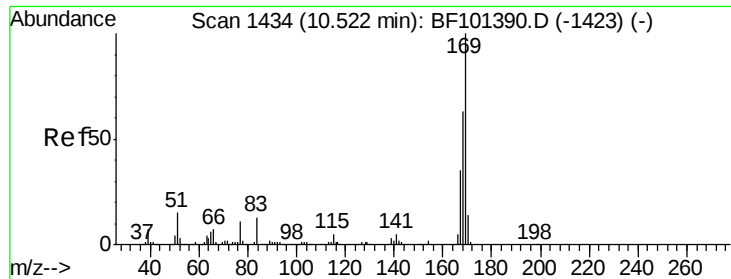
Delta R.T. -0.00 min

Lab File: BF101570.D

Acq: 20 Dec 2017 16:24

Tgt Ion:	198	Resp:	94969
Ion Ratio	Lower	Upper	
198	100		
51	59.1	37.7	77.7
105	50.2	36.3	76.3





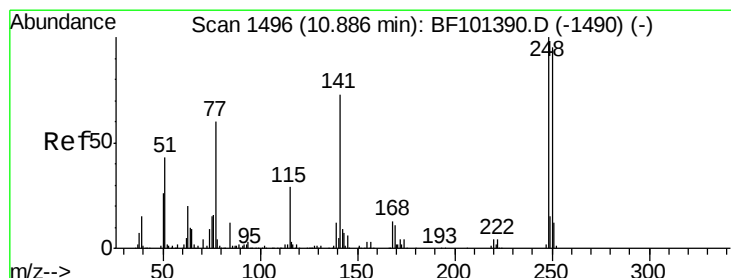
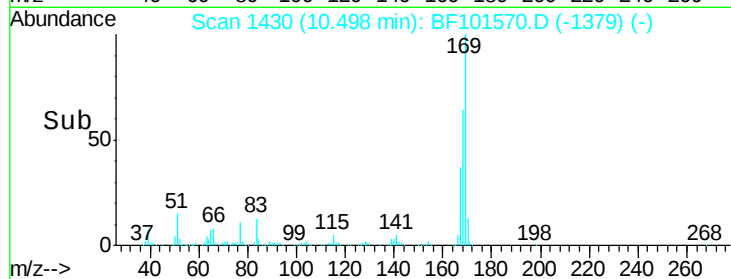
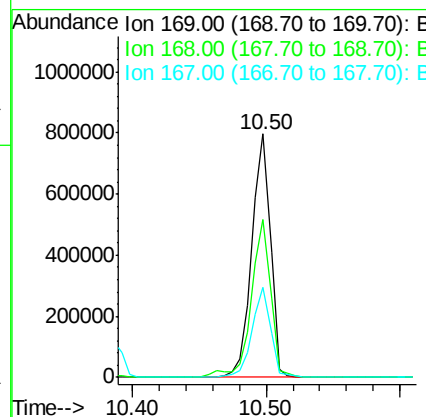
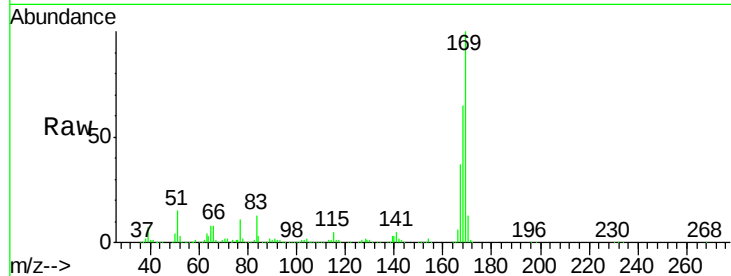
#65
n-Nitrosodiphenylamine
Concen: 41.531 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF101570.D
Acq: 20 Dec 2017 16:24

Instrument :
BNA_F
ClientSampleId :
OK-01-121817MSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	759993		
168	64.8		54.4	81.6
167	36.9		29.8	44.6

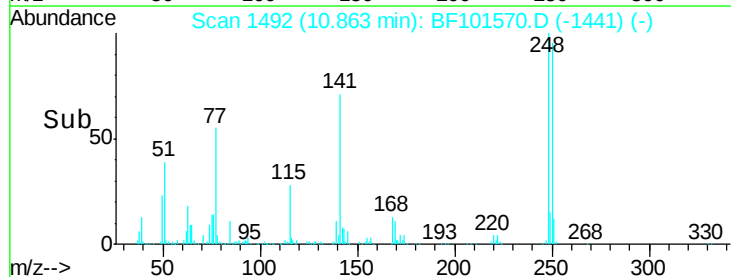
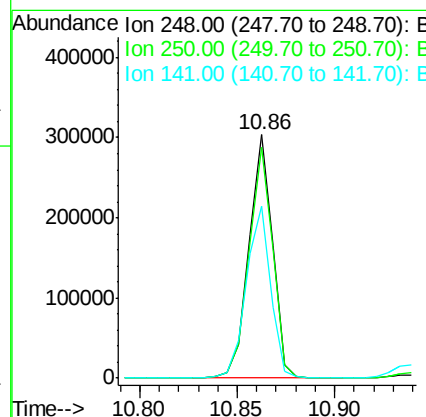
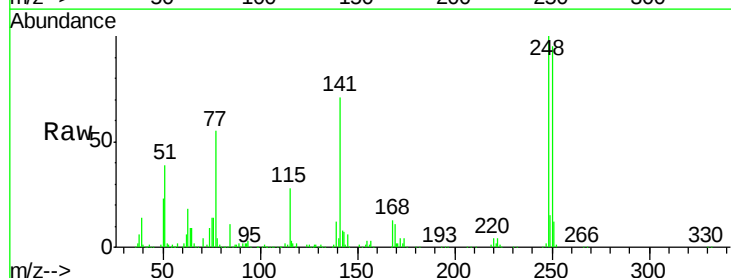
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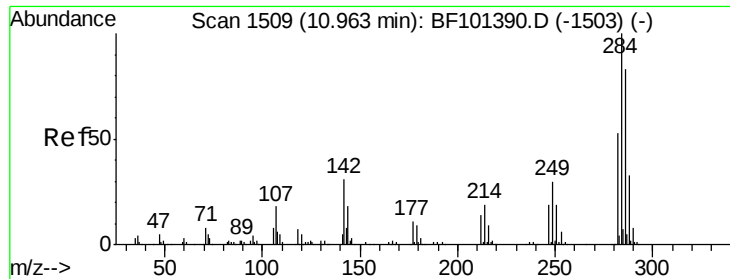
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#66
4-Bromophenyl-phenylether
Concen: 45.576 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.00 min
Lab File: BF101570.D
Acq: 20 Dec 2017 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	253793		
250	94.9		76.9	115.3
141	70.9		74.4	111.6#





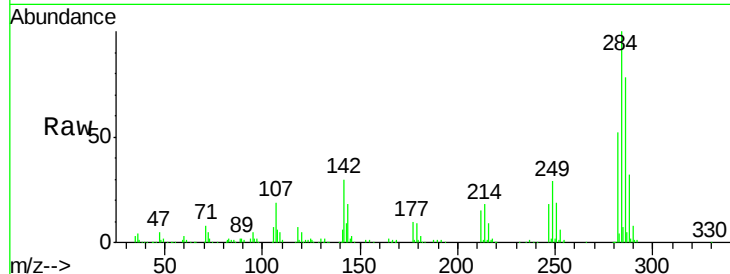
#67
Hexachlorobenzene
Concen: 42.131 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BF101570.D
Acq: 20 Dec 2017 16:24

Instrument :
BNA_F
ClientSampleId :
OK-01-121817MSD

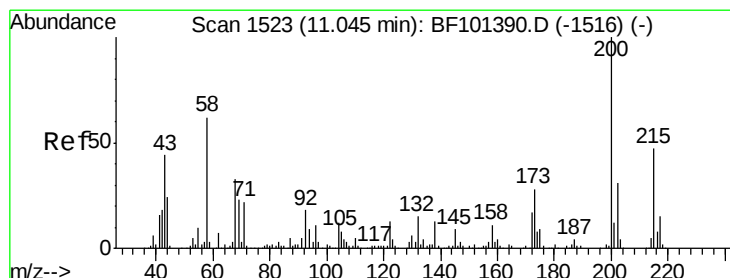
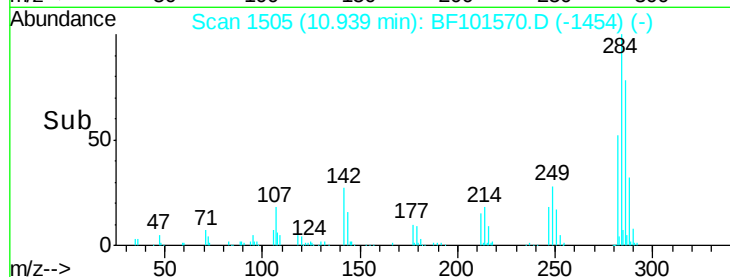
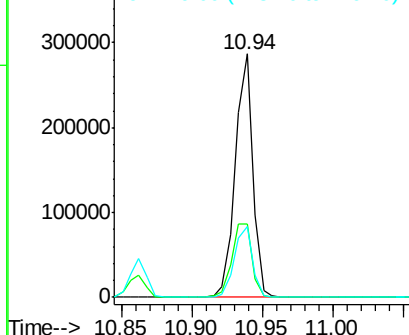
Tgt Ion	Ratio	Resp	Lower	Upper
284	100	248301		
142	29.9	34.6	52.0	#
249	29.0	24.8	37.2	

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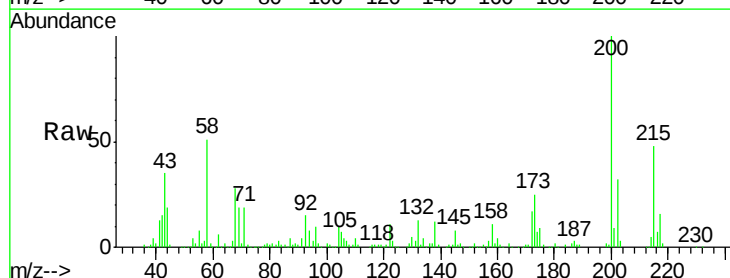


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

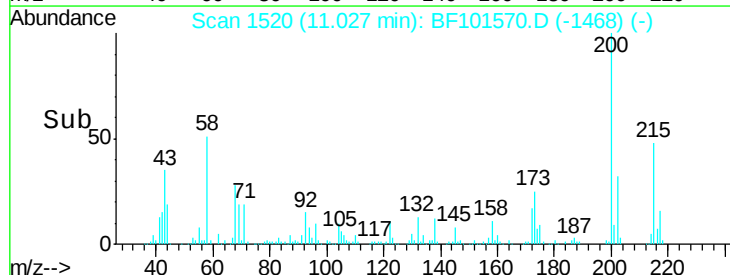
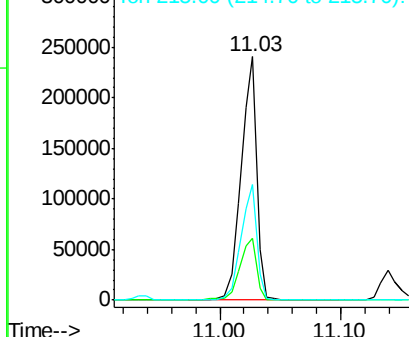


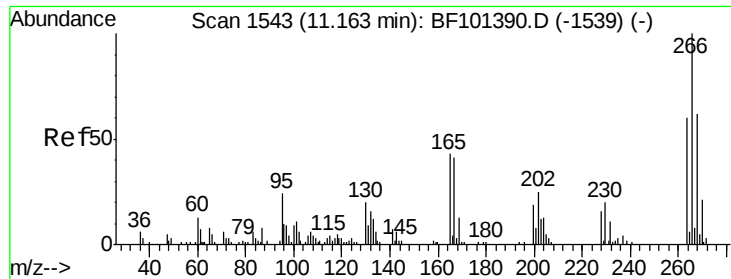
#68
Atrazine
Concen: 39.880 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BF101570.D
Acq: 20 Dec 2017 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	217601		
173	25.4	8.6	48.6	
215	47.6	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





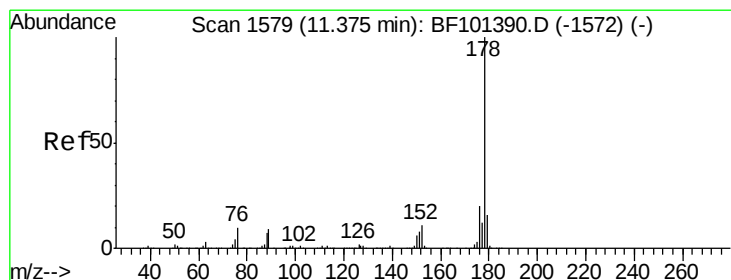
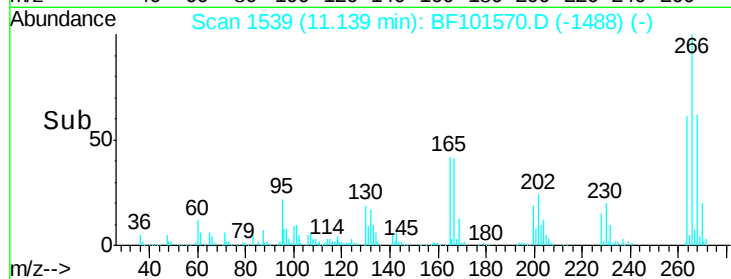
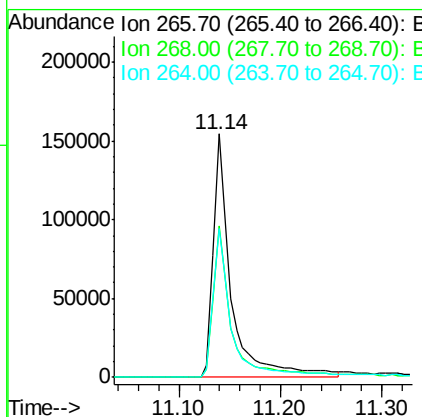
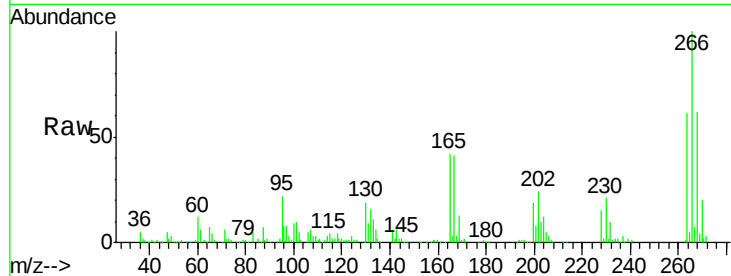
#69
 Pentachlorophenol
 Concen: 84.094 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. -0.00 min
 Lab File: BF101570.D
 Acq: 20 Dec 2017 16:24

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-121817MSD

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.2	51.1	76.7
264	61.2	49.5	74.3

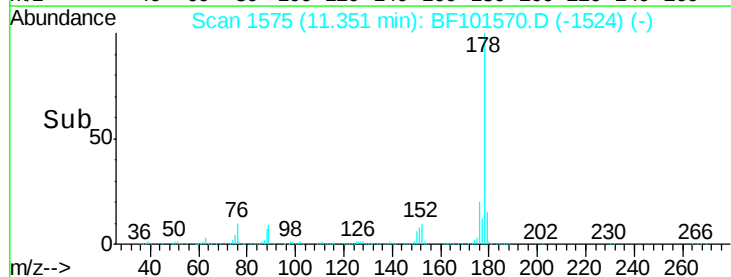
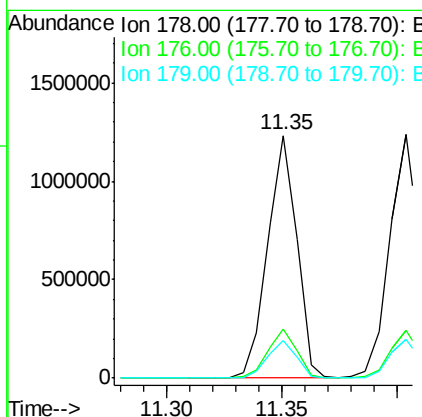
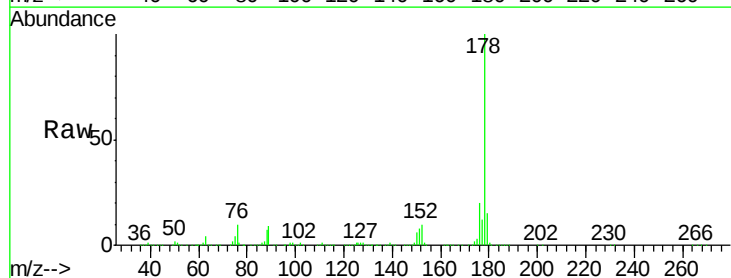
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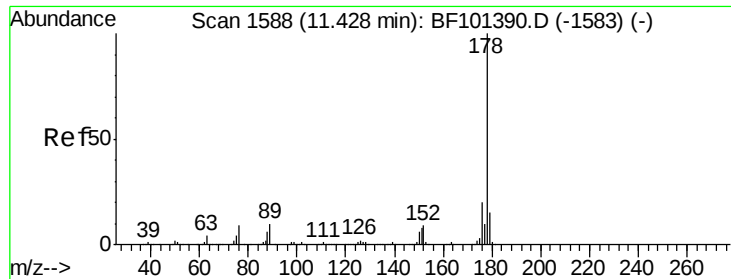
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#70
 Phenanthrene
 Concen: 39.288 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. -0.00 min
 Lab File: BF101570.D
 Acq: 20 Dec 2017 16:24

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	15.4	13.0	19.6





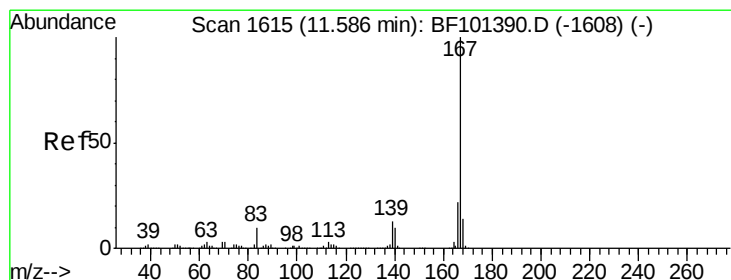
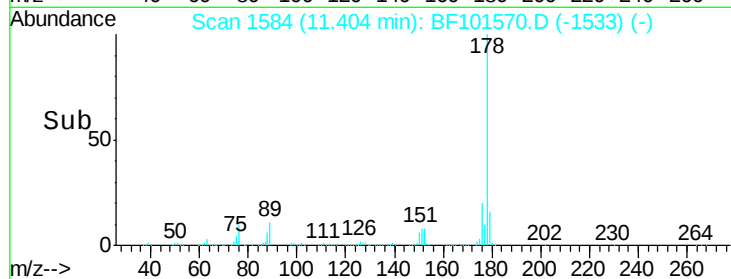
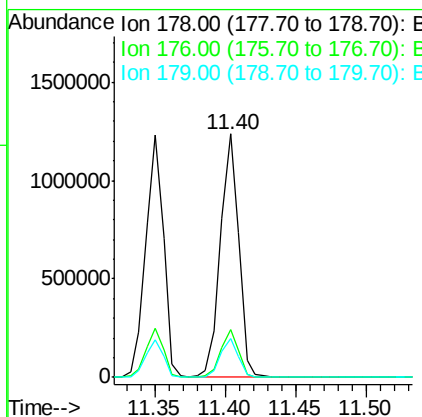
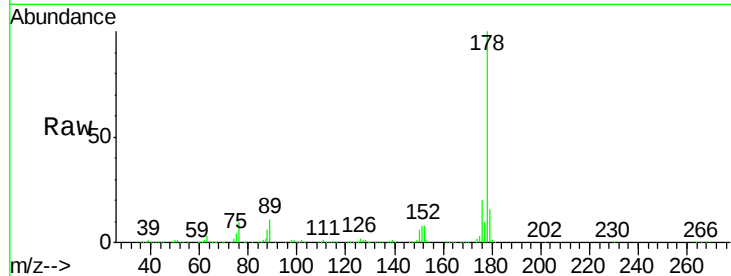
#71
 Anthracene
 Concen: 39.701 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: BF101570.D
 Acq: 20 Dec 2017 16:24

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-121817MSD

Tgt Ion:178 Resp: 1117686
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.4 23.2
 179 15.8 12.6 19.0

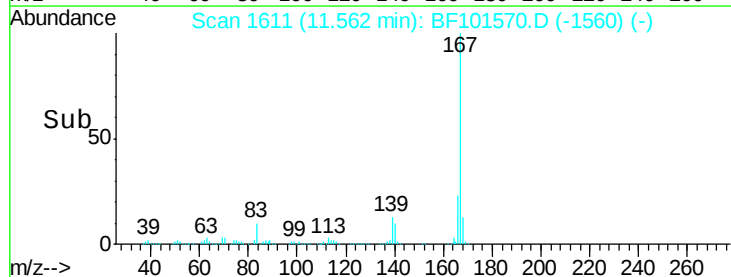
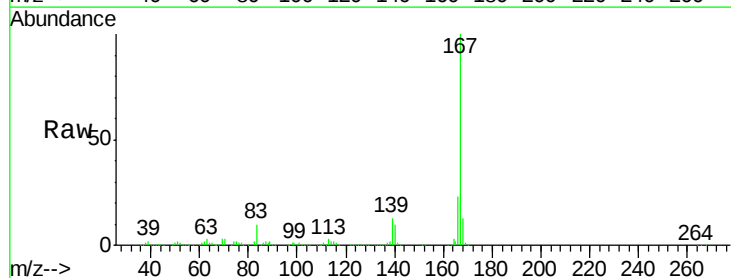
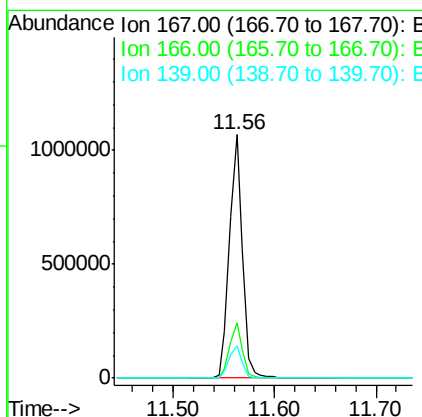
Manual Integrations
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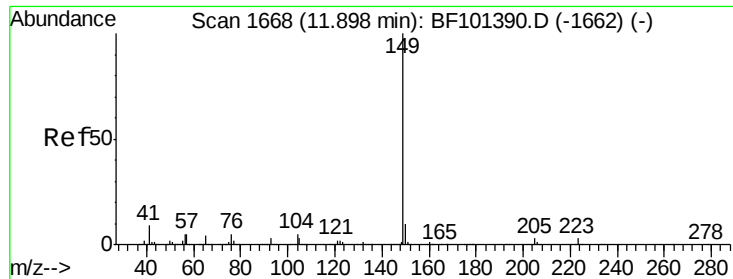
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#72
 Carbazole
 Concen: 36.280 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.00 min
 Lab File: BF101570.D
 Acq: 20 Dec 2017 16:24

Tgt Ion:167 Resp: 956266
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.6 26.4
 139 13.4 10.9 16.3





#73

Di-n-butylphthalate

Concen: 41.834 ng

RT: 11.87 min Scan# 1664

Delta R.T. -0.00 min

Lab File: BF101570.D

Acq: 20 Dec 2017 16:24

Instrument :

BNA_F

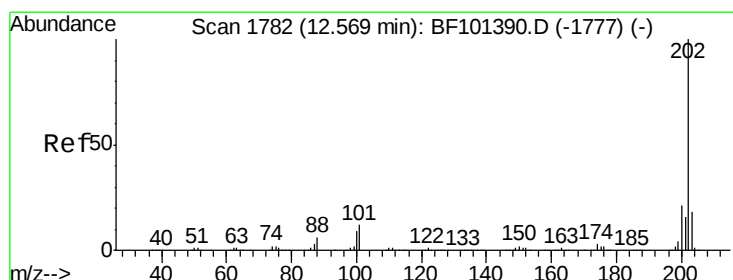
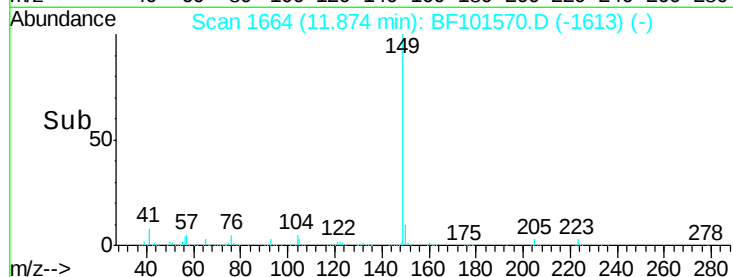
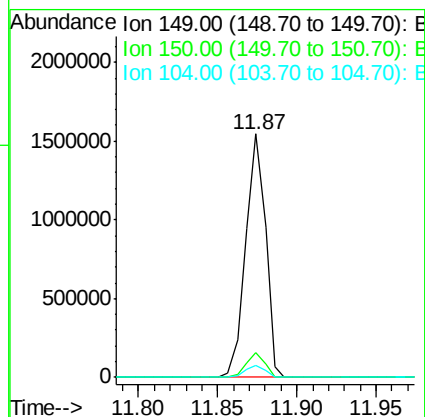
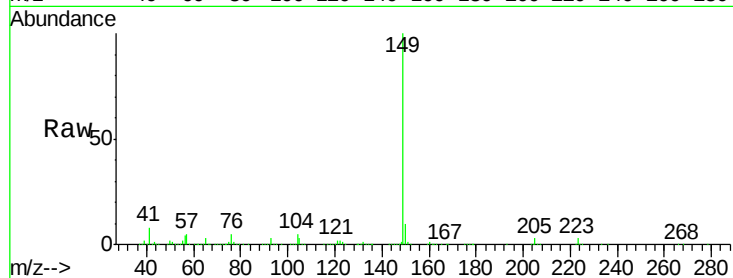
ClientSampleId :

OK-01-121817MSD

Tgt Ion:	149	Resp:	1338310
Ion Ratio	Lower	Upper	
149	100		
150	9.9	7.8	11.6
104	5.0	3.8	5.8

Manual Integrations
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#74

Fluoranthene

Concen: 33.804 ng

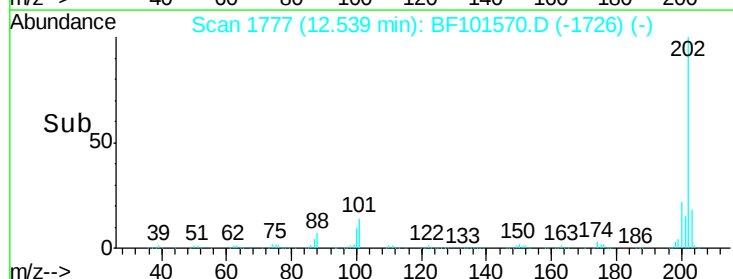
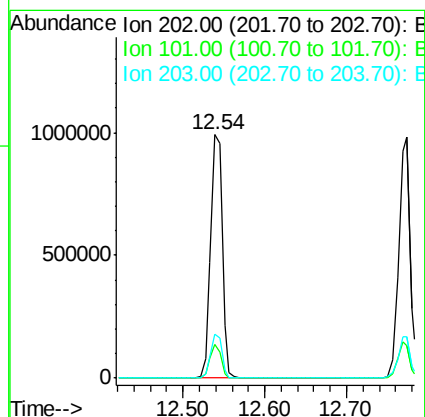
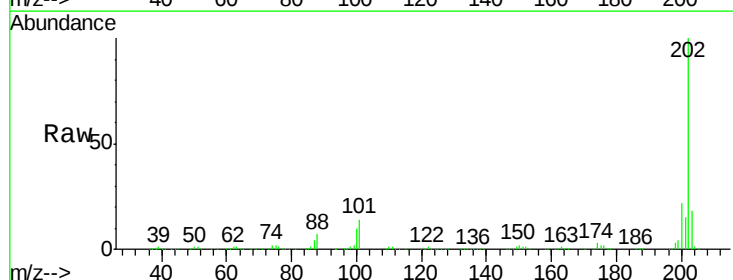
RT: 12.54 min Scan# 1777

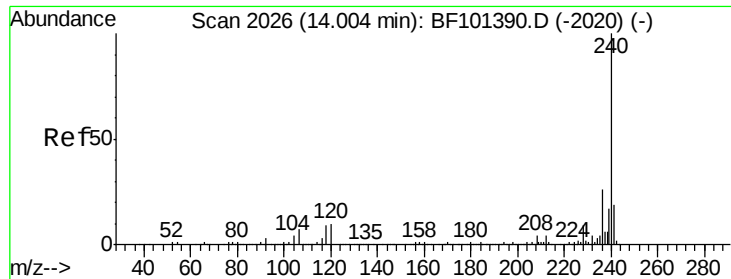
Delta R.T. -0.00 min

Lab File: BF101570.D

Acq: 20 Dec 2017 16:24

Tgt Ion:	202	Resp:	977905
Ion Ratio	Lower	Upper	
202	100		
101	13.8	0.0	34.1
203	18.0	0.0	38.1





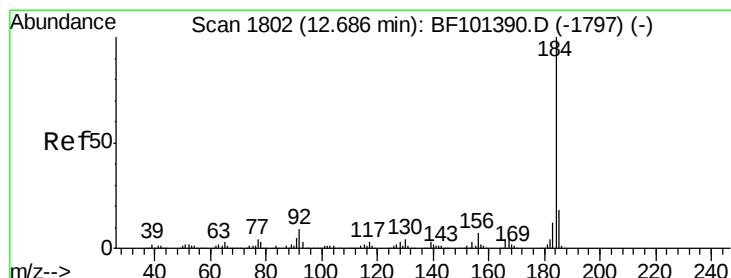
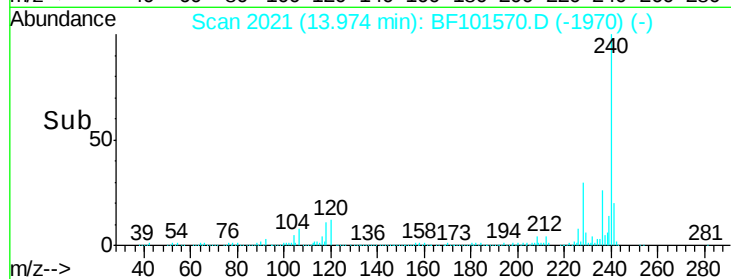
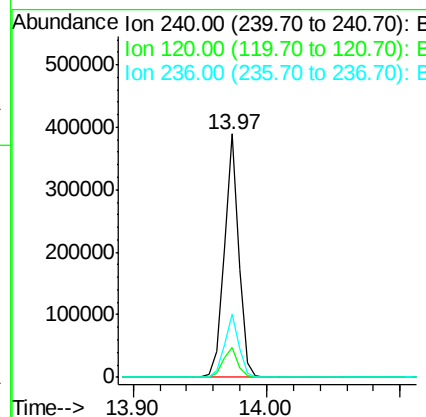
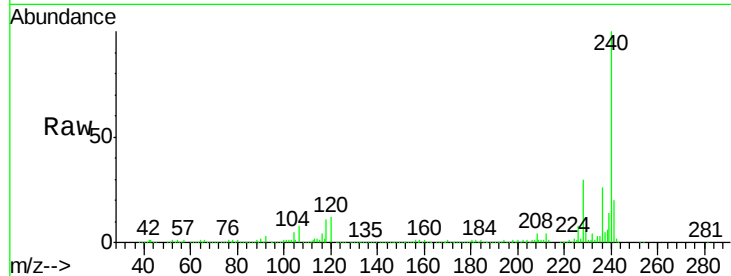
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BF101570.D
Acq: 20 Dec 2017 16:24

Instrument :
BNA_F
ClientSampleId :
OK-01-121817MSD

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	298652		
120	12.1	9.5	14.3	
236	25.8	20.7	31.1	

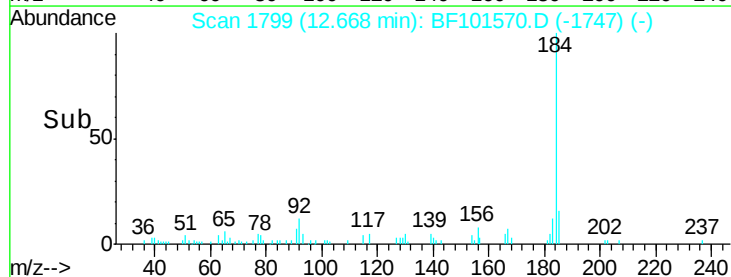
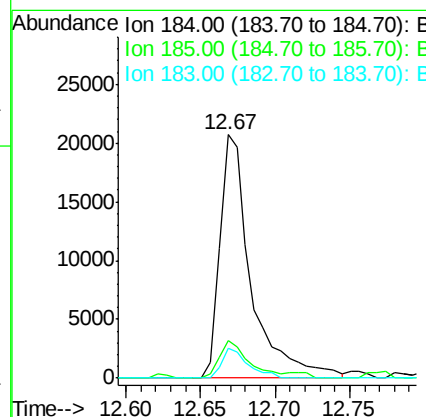
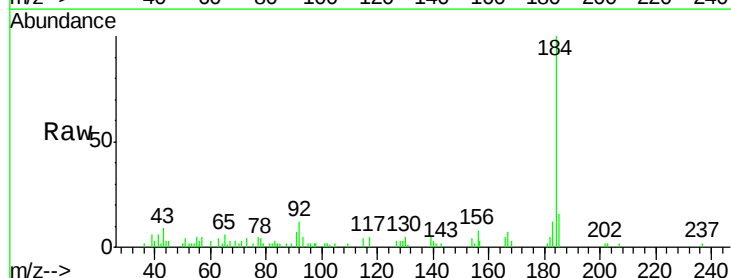
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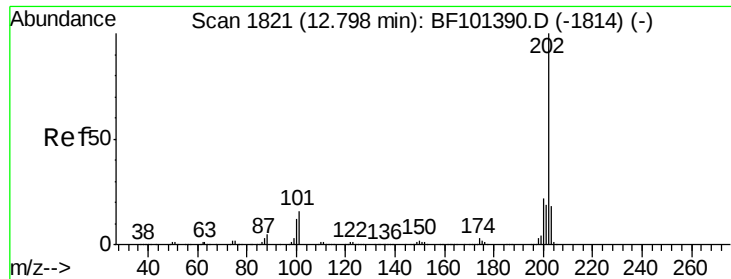
Sohil
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#76
Benzidine
Concen: 2.407 ng
RT: 12.67 min Scan# 1799
Delta R.T. 0.01 min
Lab File: BF101570.D
Acq: 20 Dec 2017 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	30367		
185	15.6	12.6	18.8	
183	12.3	9.3	13.9	





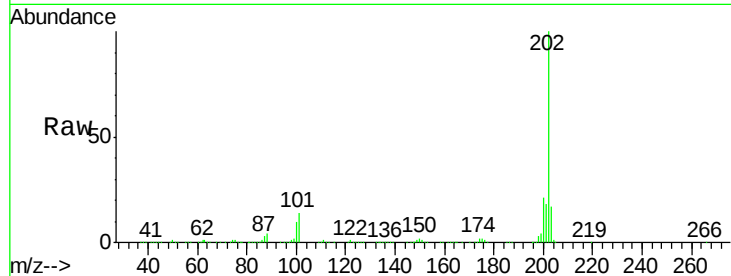
#77
 Pyrene
 Concen: 43.281 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. -0.00 min
 Lab File: BF101570.D
 Acq: 20 Dec 2017 16:24

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-121817MSD

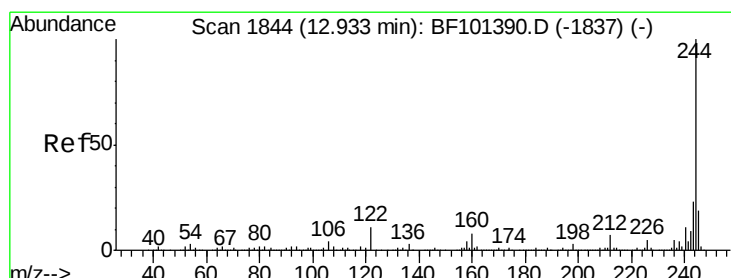
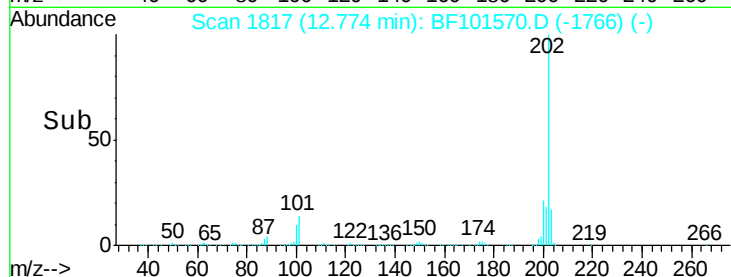
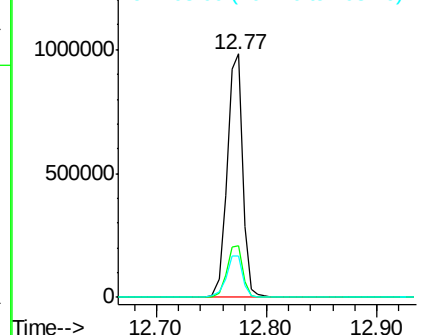
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	17.1	14.3	21.5

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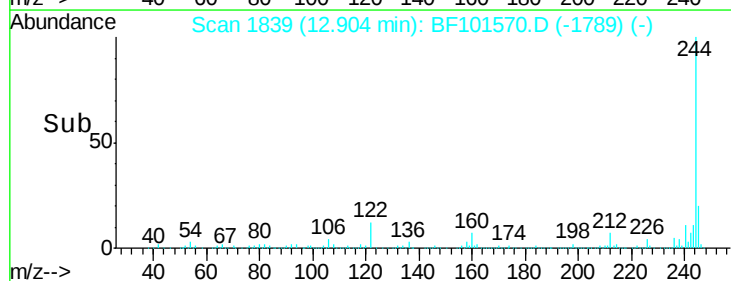
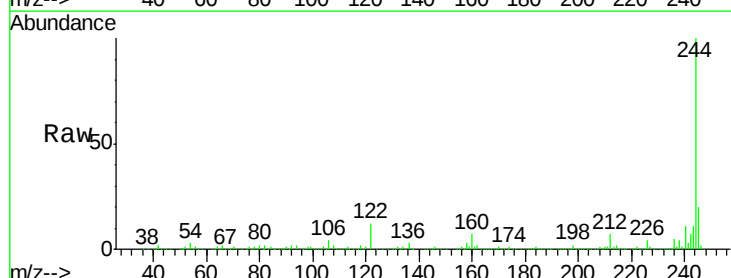
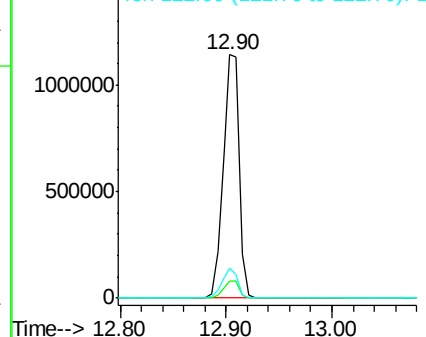
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

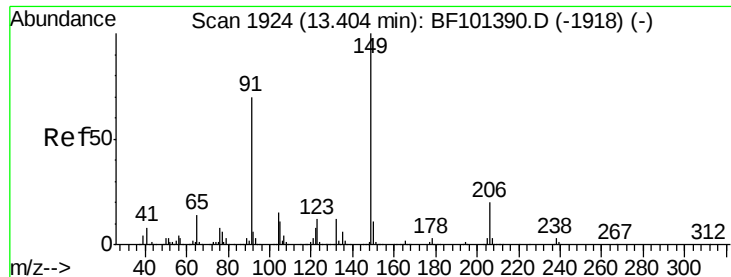


#78
 Terphenyl-d14
 Concen: 98.534 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BF101570.D
 Acq: 20 Dec 2017 16:24

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	12.1	11.0	16.4

Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





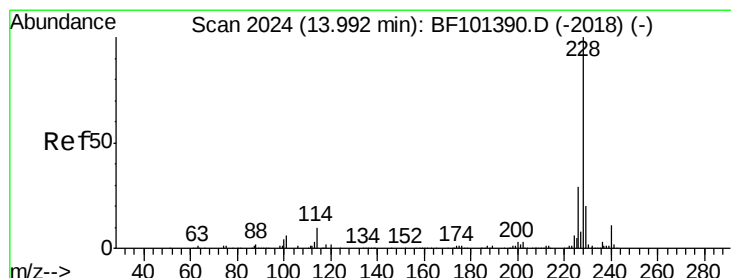
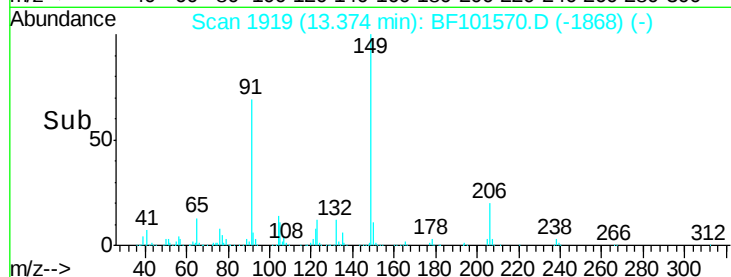
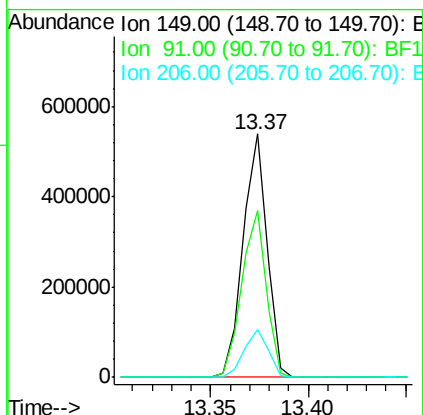
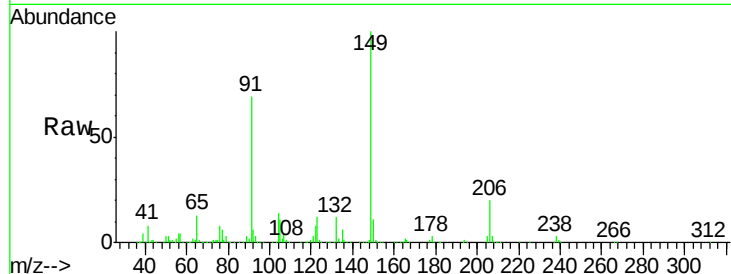
#79
Butylbenzylphthalate
Concen: 45.451 ng
RT: 13.37 min Scan# 1919
Delta R.T. -0.00 min
Lab File: BF101570.D
Acq: 20 Dec 2017 16:24

Instrument :
BNA_F
ClientSampleId :
OK-01-121817MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	68.6	56.8	85.2
206	19.7	14.1	21.1

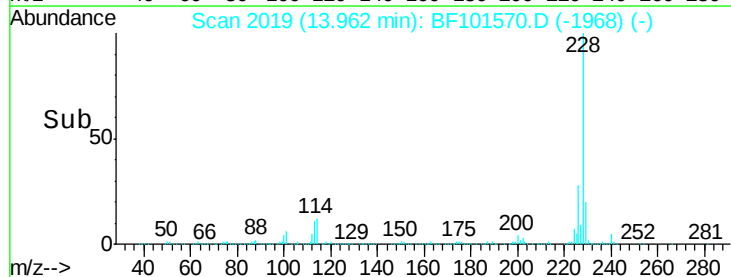
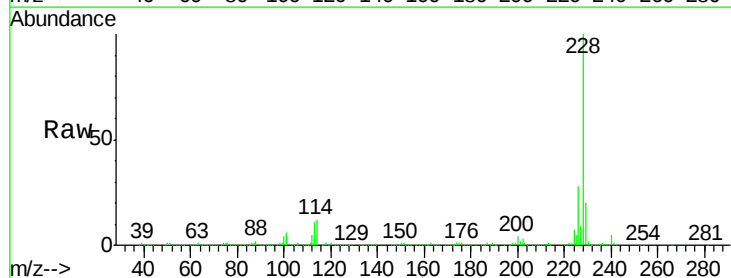
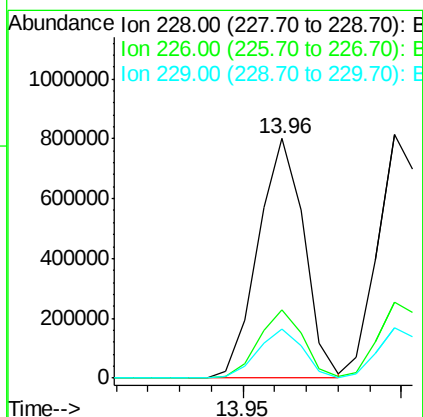
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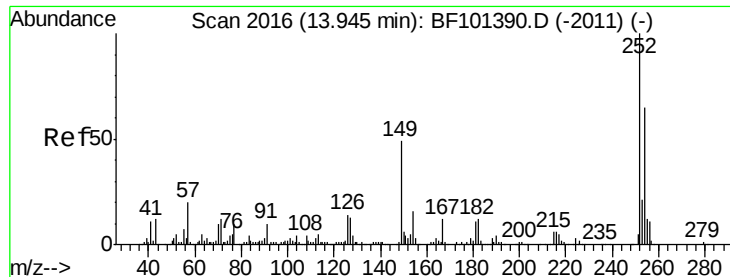
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#80
Benzo(a)anthracene
Concen: 40.788 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BF101570.D
Acq: 20 Dec 2017 16:24

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	28.5	22.6	33.8
229	20.4	15.8	23.6





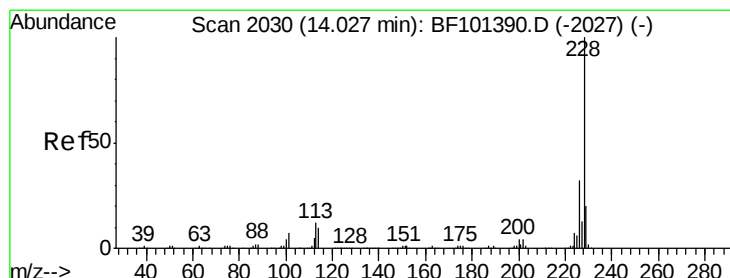
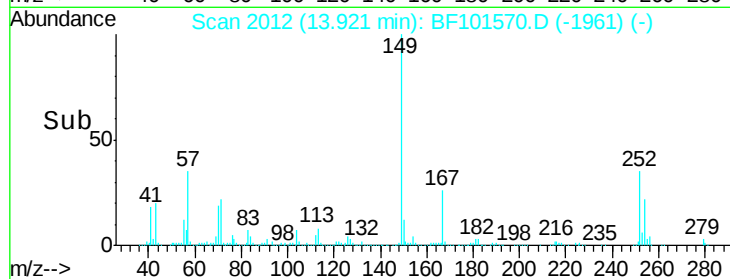
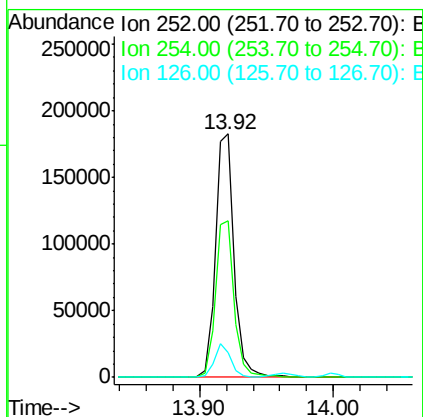
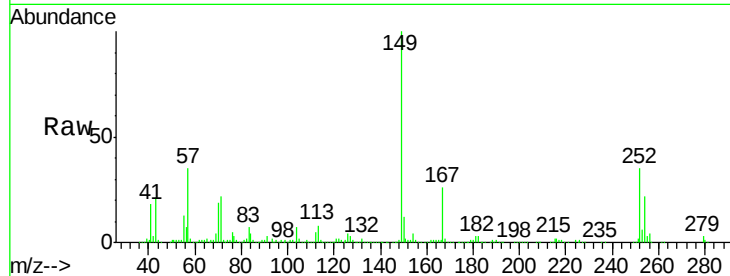
#81
 3,3'-Dichlorobenzidine
 Concen: 27.920 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. -0.00 min
 Lab File: BF101570.D
 Acq: 20 Dec 2017 16:24

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-121817MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.1	50.4	75.6
126	10.2	11.3	16.9

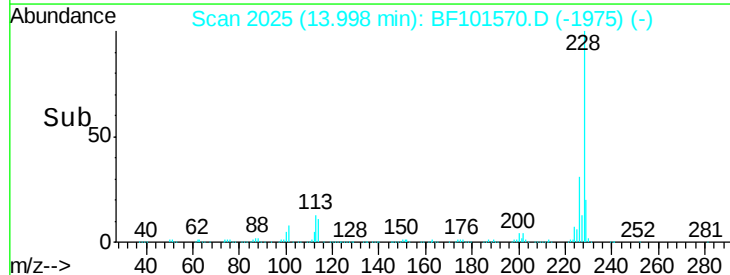
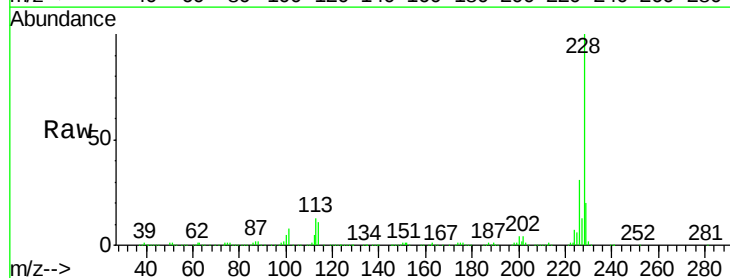
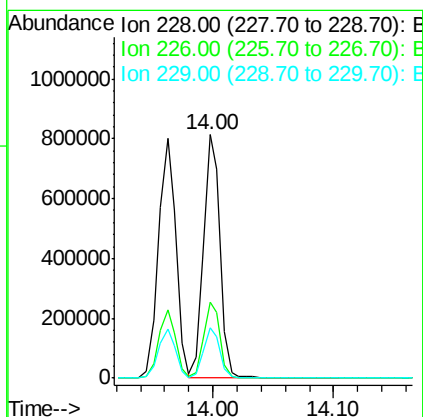
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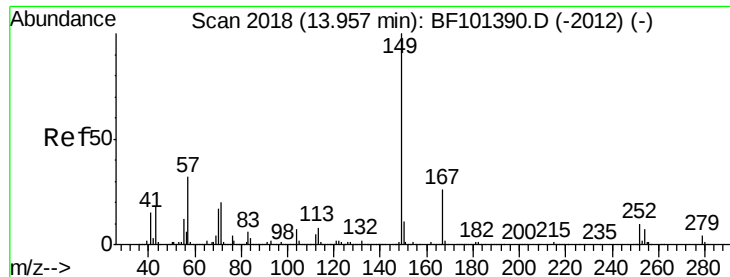
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#82
 Chrysene
 Concen: 41.123 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF101570.D
 Acq: 20 Dec 2017 16:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.6
229	20.4	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.521 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.00 min

Lab File: BF101570.D

Acq: 20 Dec 2017 16:24

Instrument :

BNA_F

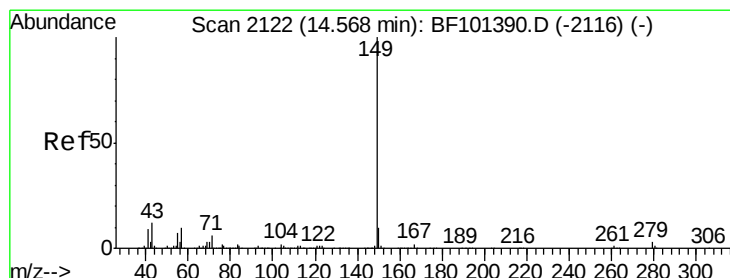
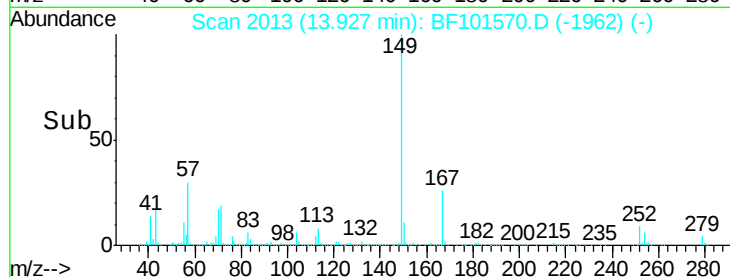
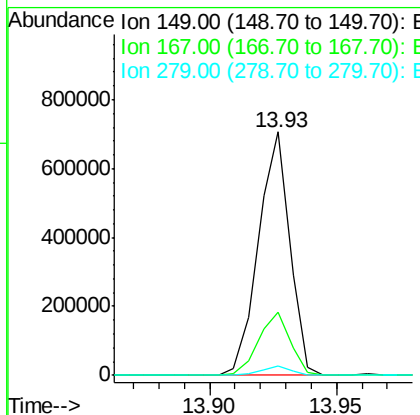
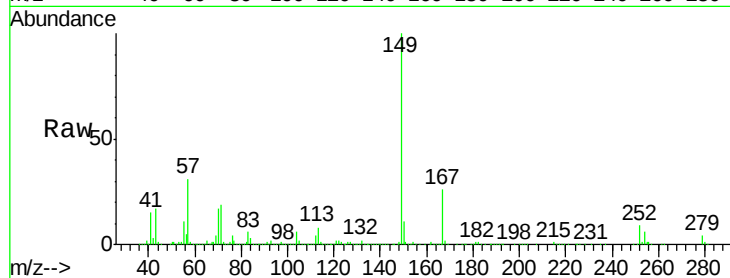
ClientSampleId :

OK-01-121817MSD

Tgt Ion:	149	Resp:	610434
Ion Ratio	Lower	Upper	
149	100		
167	25.9	21.3	31.9
279	3.6	3.0	4.4

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 44.359 ng

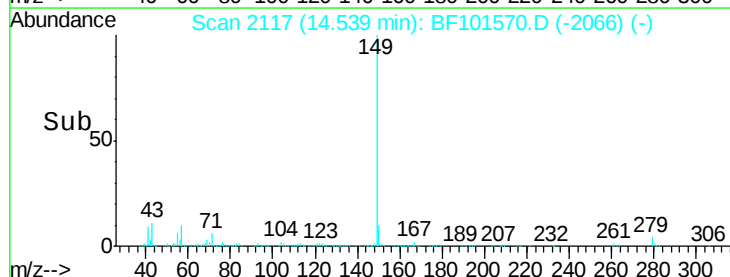
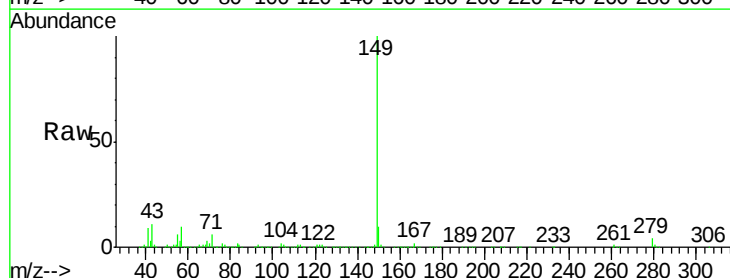
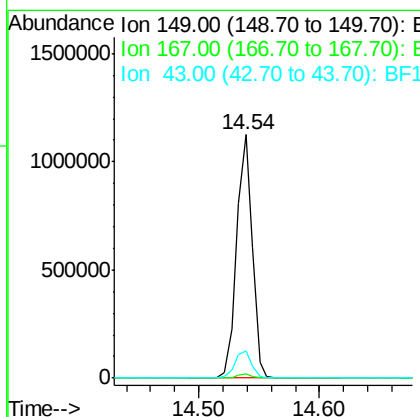
RT: 14.54 min Scan# 2117

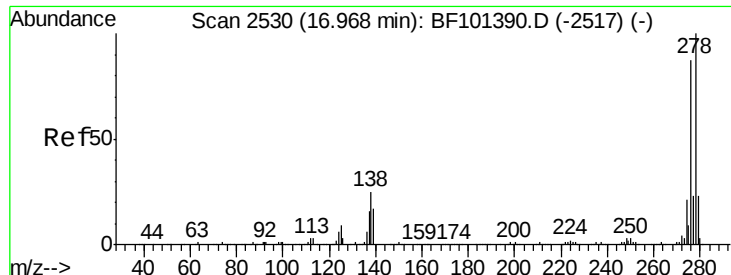
Delta R.T. -0.00 min

Lab File: BF101570.D

Acq: 20 Dec 2017 16:24

Tgt Ion:	149	Resp:	1016213
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	11.6	8.4	12.6





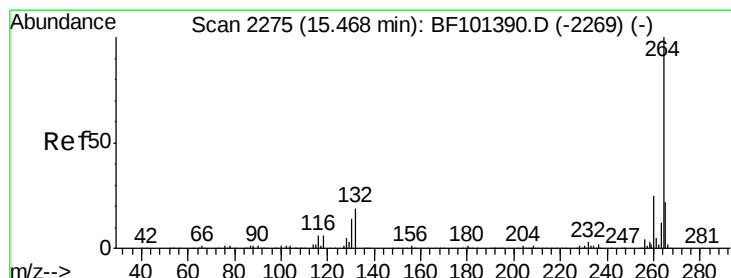
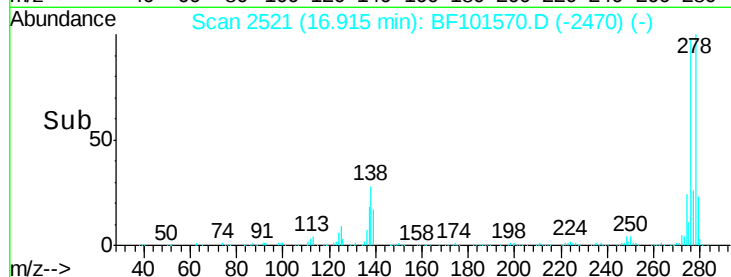
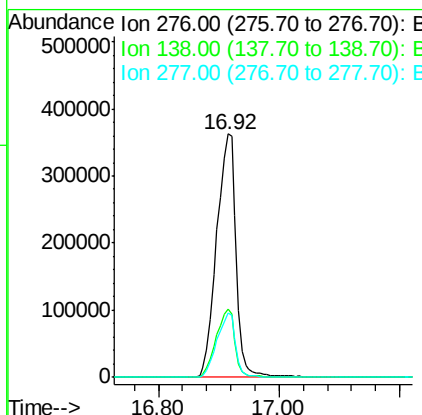
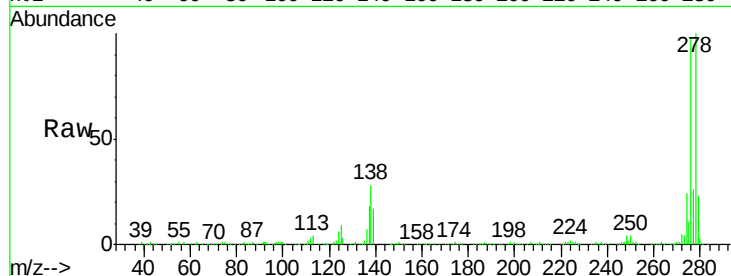
#85
Indeno(1,2,3-cd)pyrene
Concen: 49.019 ng
RT: 16.92 min Scan# 2521
Delta R.T. -0.00 min
Lab File: BF101570.D
Acq: 20 Dec 2017 16:24

Instrument :
BNA_F
ClientSampleId :
OK-01-121817MSD

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	812768		
138	27.3	25.0	37.6	
277	25.4	20.1	30.1	

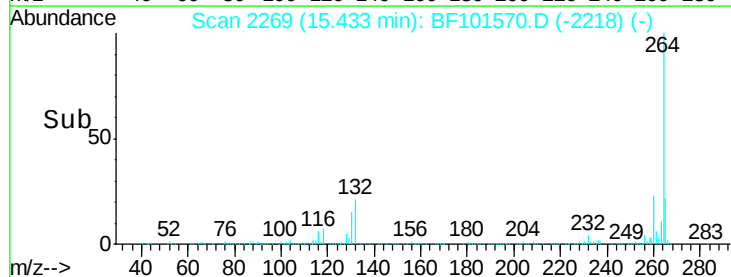
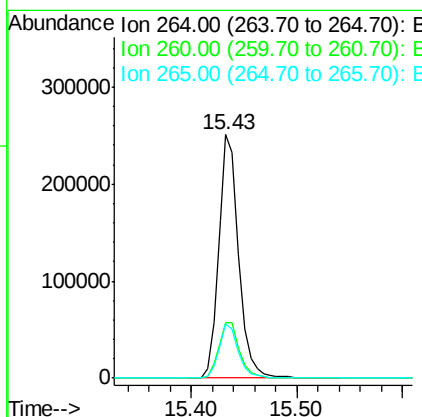
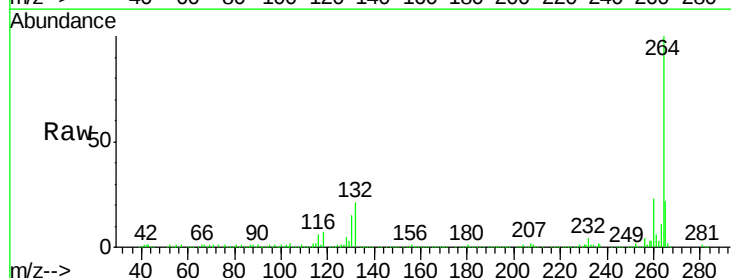
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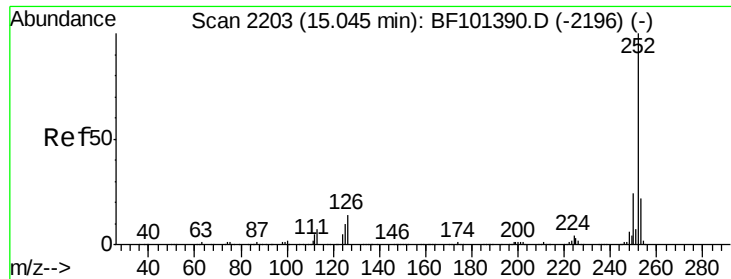
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.00 min
Lab File: BF101570.D
Acq: 20 Dec 2017 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	331437		
260	23.0	19.2	28.8	
265	22.0	17.5	26.3	





#87

Benzo(b)fluoranthene

Concen: 41.619 ng

RT: 15.01 min Scan# 2197

Delta R.T. -0.00 min

Lab File: BF101570.D

Acq: 20 Dec 2017 16:24

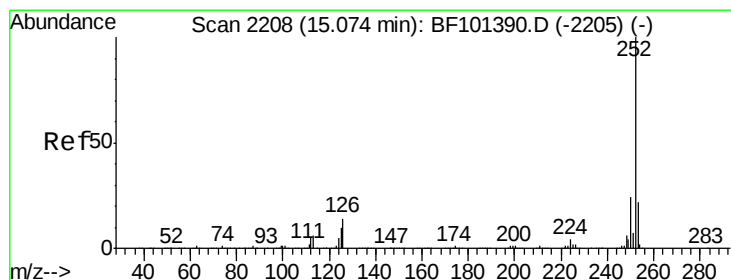
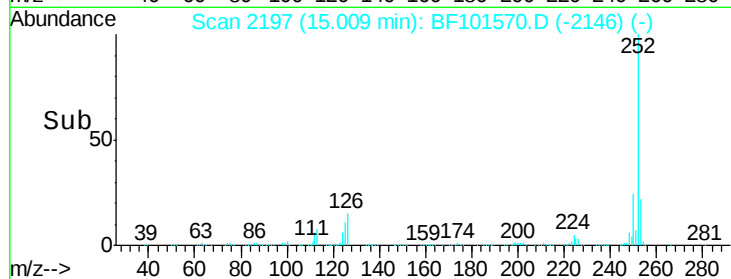
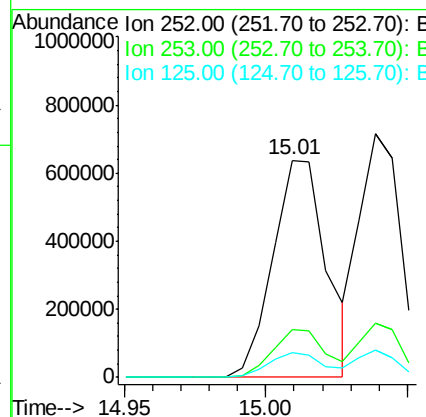
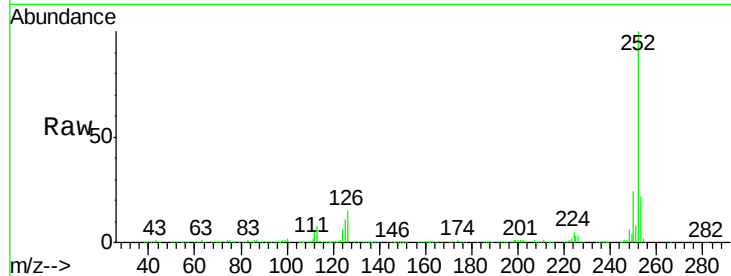
Instrument :
BNA_F

ClientSampleId :
OK-01-121817MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	11.4	9.0	13.6

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#88

Benzo(k)fluoranthene

Concen: 37.811 ng

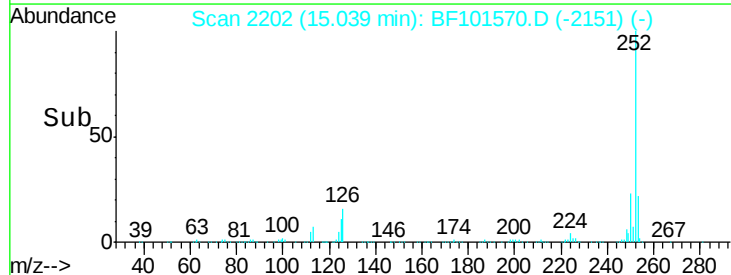
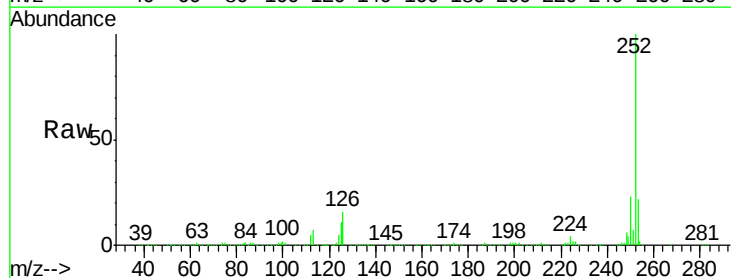
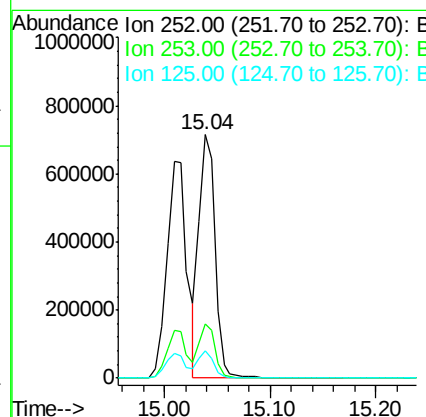
RT: 15.04 min Scan# 2202

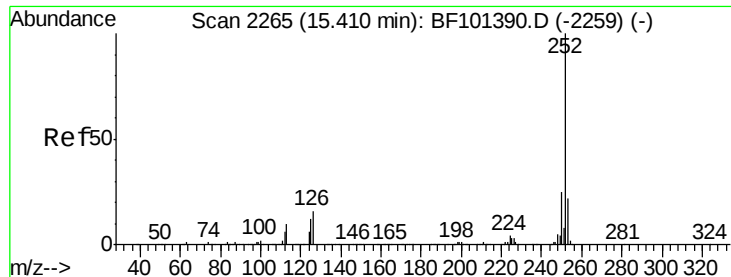
Delta R.T. -0.00 min

Lab File: BF101570.D

Acq: 20 Dec 2017 16:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	11.4	10.2	15.2





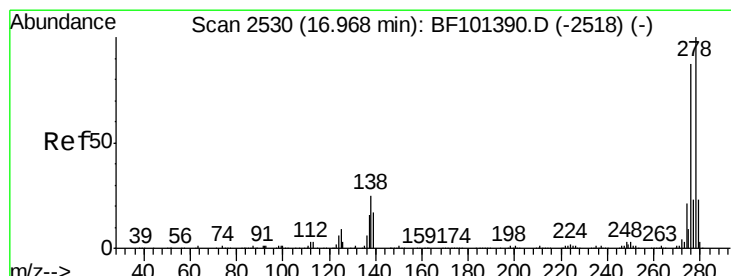
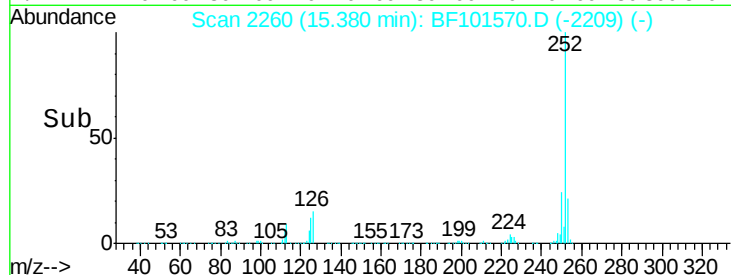
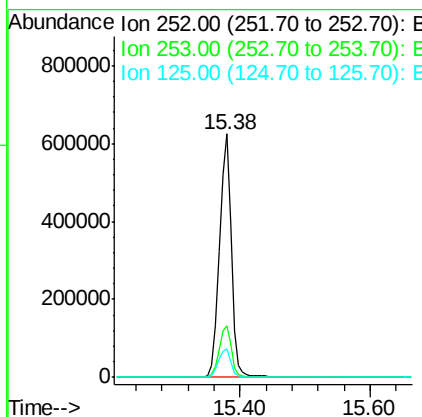
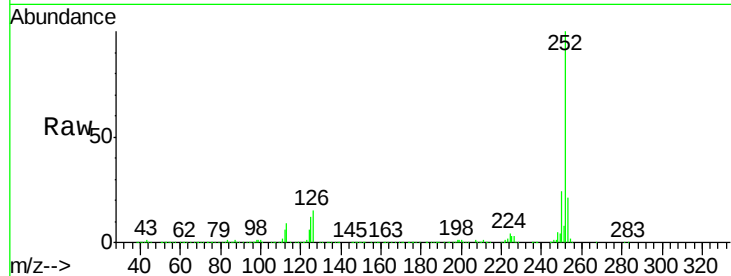
#89
Benzo(a)pyrene
Concen: 42.466 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.00 min
Lab File: BF101570.D
Acq: 20 Dec 2017 16:24

Instrument :
BNA_F
ClientSampleId :
OK-01-121817MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.1	25.7
125	11.7	9.8	14.6

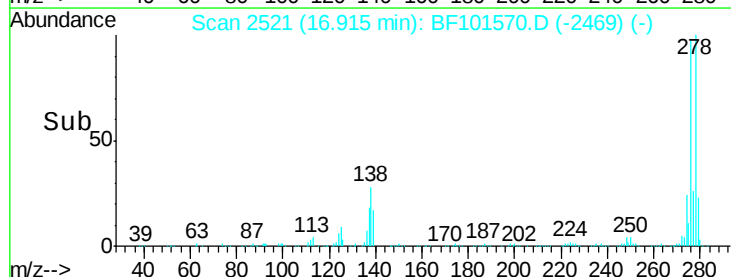
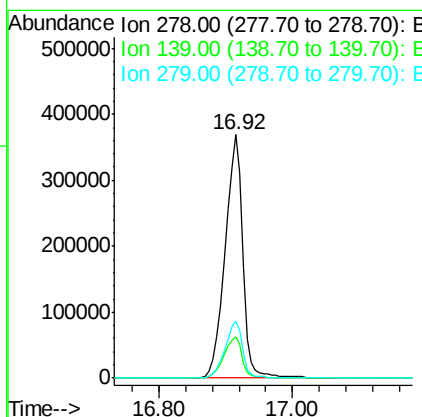
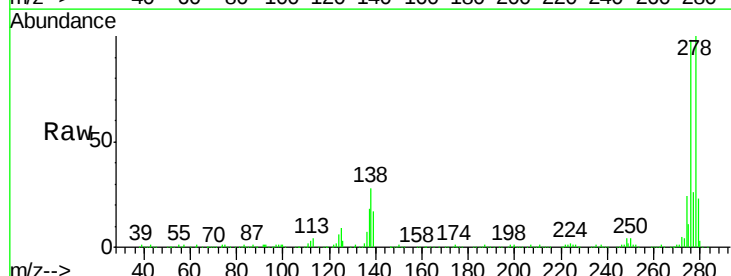
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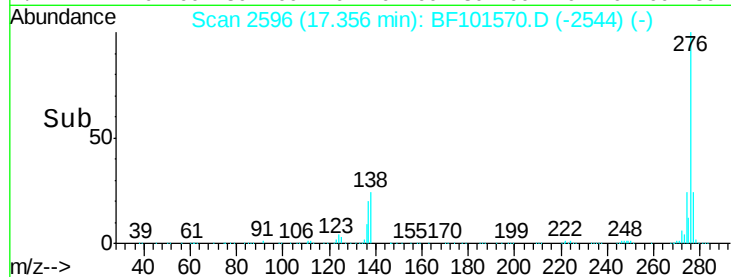
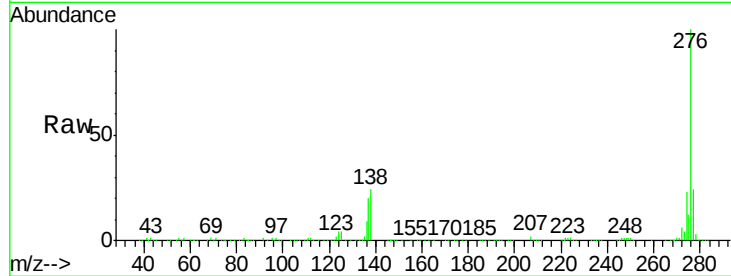
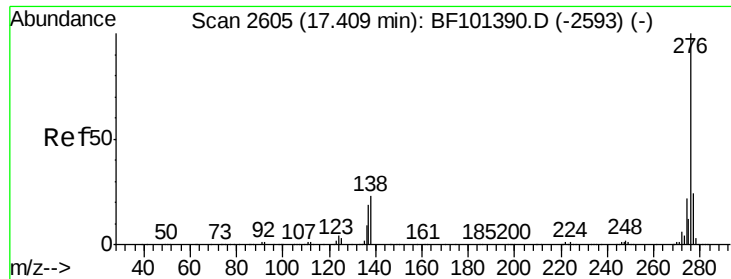
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 43.393 ng
RT: 16.92 min Scan# 2521
Delta R.T. 0.01 min
Lab File: BF101570.D
Acq: 20 Dec 2017 16:24

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.1	15.9	23.9
279	23.3	19.0	28.4





#91

Benzo(g,h,i)perylene

Concen: 43.726 ng

RT: 17.36 min Scan# 2596

Delta R.T. 0.01 min

Lab File: BF101570.D

Acq: 20 Dec 2017 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	692313		
277	24.3	17.9	26.9	
138	24.0	21.8	32.8	

Instrument :

BNA_F

ClientSampleId :

OK-01-121817MSD

Manual Integrations
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