

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\
 Data File : BF100022.D
 Acq On : 31 Oct 2017 23:33
 Operator : SJ/JU
 Sample : I6081-09MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Q4-COMP-FILLMSD

Manual Integrations
 APPROVED

Sohil
 11/1/2017 2:38:00 PM

Quant Time: Nov 01 05:43:45 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 16:51:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	97781	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	402923	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	180064	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	316086	20.00	ng	0.00
75) Chrysene-d12	13.99	240	180759	20.00	ng	0.00
86) Perylene-d12	15.48	264	185474	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	626603	100.61	ng	0.01
7) Phenol-d6	6.44	99	734082	99.40	ng	0.00
23) Nitrobenzene-d5	7.36	82	418079	66.80	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	158254	96.44	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	750204	64.28	ng	0.00
78) Terphenyl-d14	12.91	244	618487	74.77	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	76910	27.964	ng	# 89
3) Pyridine	3.32	79	178312	26.960	ng	# 90
4) n-Nitrosodimethylamine	3.27	42	78268	33.124	ng	# 72
6) Aniline	6.46	93	240010	25.065	ng	# 87
8) 2-Chlorophenol	6.58	128	243227	36.642	ng	# 91
9) Benzaldehyde	6.35	77	109973	24.920	ng	# 93
10) Phenol	6.46	94	322982	39.834	ng	# 85
11) bis(2-Chloroethyl)ether	6.53	93	216892	34.640	ng	# 96
12) 1,3-Dichlorobenzene	6.73	146	252045m	33.817	ng	# 98
13) 1,4-Dichlorobenzene	6.80	146	255875	33.826	ng	# 97
14) 1,2-Dichlorobenzene	6.96	146	239425	34.729	ng	# 95
15) Benzyl Alcohol	6.95	79	166724	35.499	ng	# 43
16) 2,2'-oxybis(1-Chloropropan	7.06	45	266973	38.384	ng	# 94
17) 2-Methylphenol	7.06	107	193642	34.875	ng	# 92
18) Hexachloroethane	7.29	117	73664	29.189	ng	# 91
19) n-Nitroso-di-n-propylamine	7.20	70	147296	34.035	ng	# 68
20) 3+4-Methylphenols	7.21	107	249847	38.645	ng	# 93
22) Acetophenone	7.20	105	308370	33.613	ng	# 92
24) Nitrobenzene	7.38	77	222228	35.241	ng	# 97
25) Isophorone	7.62	82	427112	37.610	ng	# 81
26) 2-Nitrophenol	7.70	139	112981	31.281	ng	# 95
27) 2,4-Dimethylphenol	7.73	122	207873	39.062	ng	# 99
28) bis(2-Chloroethoxy)methane	7.82	93	280526	35.271	ng	# 95
29) 2,4-Dichlorophenol	7.95	162	208917	37.791	ng	# 98
30) 1,2,4-Trichlorobenzene	8.02	180	202233	34.238	ng	# 100
31) Naphthalene	8.09	128	676466	34.781	ng	# 85
32) Benzoic acid	7.87	122	32616	6.963	ng	# 95
33) 4-Chloroaniline	8.15	127	187890	23.395	ng	# 98
34) Hexachlorobutadiene	8.20	225	98833	32.530	ng	# 74
35) Caprolactam	8.53	113	63797	36.697	ng	# 88
36) 4-Chloro-3-methylphenol	8.65	107	202640	35.913	ng	# 98
37) 2-Methylnaphthalene	8.79	142	468016	35.908	ng	# 97
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	189363	32.561	ng	# 93
40) Hexachlorocyclopentadiene	8.93	237	10164	19.901	ng	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	134312	38.181	nq	98
43) 2,4,5-Trichlorophenol	9.13	196	132923	35.608	nq	# 91
45) 1,1'-Biphenyl	9.25	154	538062	33.031	nq	97
46) 2-Chloronaphthalene	9.28	162	416057	35.170	nq	94
47) 2-Nitroaniline	9.39	65	115130	37.080	nq	87
48) Acenaphthylene	9.69	152	639025	35.072	nq	99
49) Dimethylphthalate	9.55	163	610411	42.807	nq	99
50) 2,6-Dinitrotoluene	9.63	165	106380	35.487	nq	89
51) Acenaphthene	9.86	154	376318	33.802	nq	99
52) 3-Nitroaniline	9.80	138	111169	31.473	nq	88
53) 2,4-Dinitrophenol	9.96	184	3346	8.385	nq	89
54) Dibenzofuran	10.04	168	571465	36.364	nq	96
55) 4-Nitrophenol	9.99	139	100197	54.291	nq	83
56) 2,4-Dinitrotoluene	10.05	165	131293	36.368	nq	# 79
57) Fluorene	10.38	166	466450	35.848	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	98762	37.734	nq	90
59) Diethylphthalate	10.25	149	480742	34.523	nq	97
60) 4-Chlorophenyl-phenylether	10.37	204	207064	33.813	nq	92
61) 4-Nitroaniline	10.43	138	119902	35.580	nq	81
62) Azobenzene	10.53	77	422655	36.208	nq	90
64) 4,6-Dinitro-2-methylphenol	10.47	198	9296	4.679	nq	79
65) n-Nitrosodiphenylamine	10.49	169	402509	34.496	nq	98
66) 4-Bromophenyl-phenylether	10.86	248	121602	36.543	nq	92
67) Hexachlorobenzene	10.93	284	118996	34.954	nq	94
68) Atrazine	11.02	200	125726	35.871	nq	100
69) Pentachlorophenol	11.14	266	74946	51.521	nq	98
70) Phenanthrene	11.35	178	804480	45.099	nq	99
71) Anthracene	11.40	178	683476	37.747	nq	99
72) Carbazole	11.56	167	595075	34.948	nq	99
73) Di-n-butylphthalate	11.87	149	749581	34.514	nq	# 98
74) Fluoranthene	12.54	202	755497	40.754	nq	99
76) Benzidine	12.67	184	135791	17.168	nq	97
77) Pyrene	12.77	202	709110	51.591	nq	99
79) Butylbenzylphthalate	13.37	149	271168	40.064	nq	94
80) Benzo(a)anthracene	13.97	228	464865	40.568	nq	99
81) 3,3'-Dichlorobenzidine	13.93	252	116837	28.089	nq	97
82) Chrysene	14.02	228	436948	40.560	nq	98
83) Bis(2-ethylhexyl)phthalate	13.93	149	365399	38.443	nq	99
84) Di-n-octyl phthalate	14.57	149	572679	35.104	nq	# 92
85) Indeno(1,2,3-cd)pyrene	16.98	276	424090	42.882	nq	97
87) Benzo(b)fluoranthene	15.05	252	439231	37.503	nq	97
88) Benzo(k)fluoranthene	15.08	252	389679	35.285	nq	98
89) Benzo(a)pyrene	15.42	252	416287	39.569	nq	98
90) Dibenzo(a,h)anthracene	16.98	278	338146	36.172	nq	98
91) Benzo(g,h,i)perylene	17.43	276	347648	38.012	nq	96

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

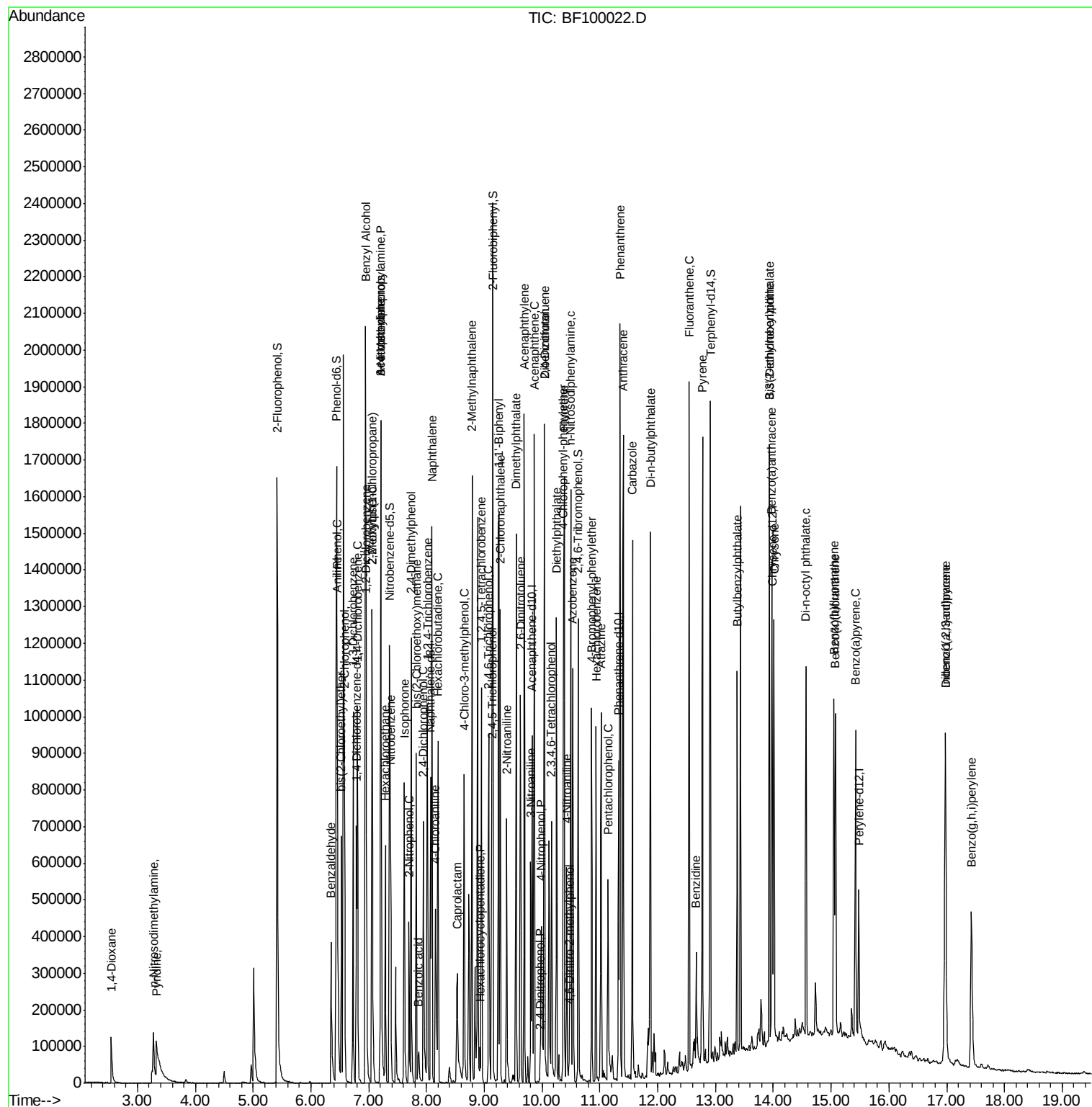
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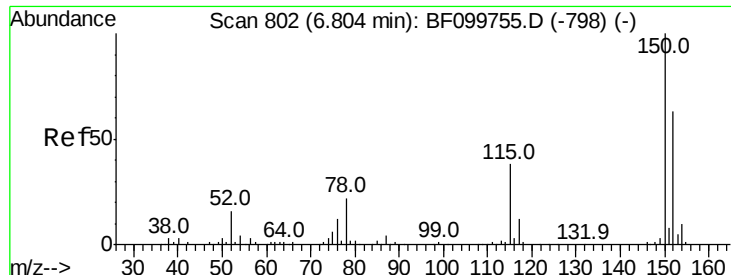
Instrument :
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#1

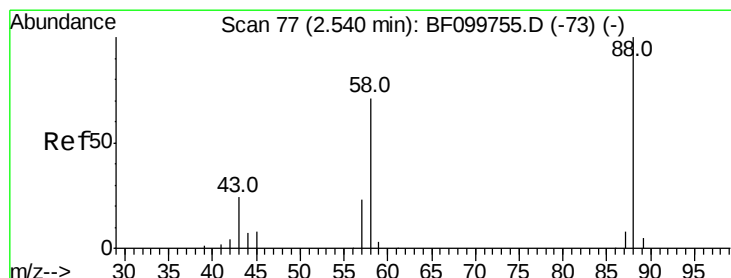
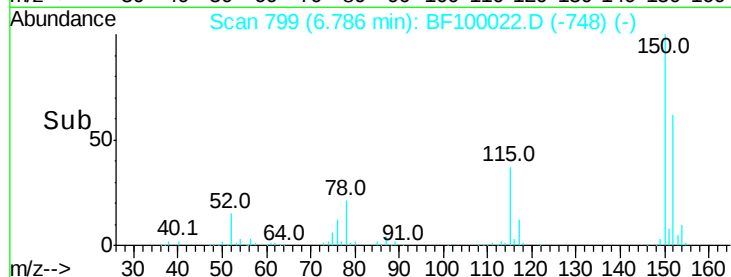
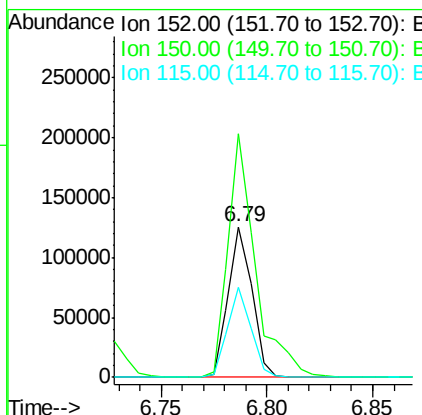
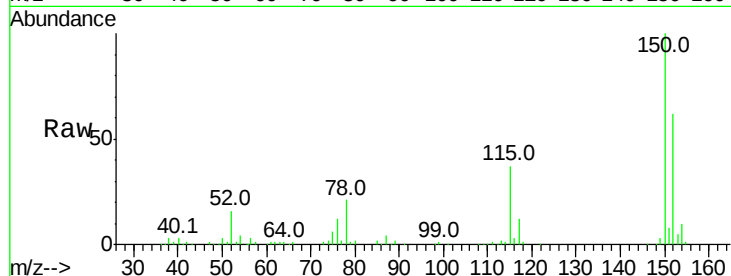
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF100022.D
Acq: 31 Oct 2017 23:33

Instrument :
BNA_F
ClientSampleId :
Q4-COMP-FILLMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.8	124.6	186.8
115	59.6	50.1	75.1

Manual Integrations
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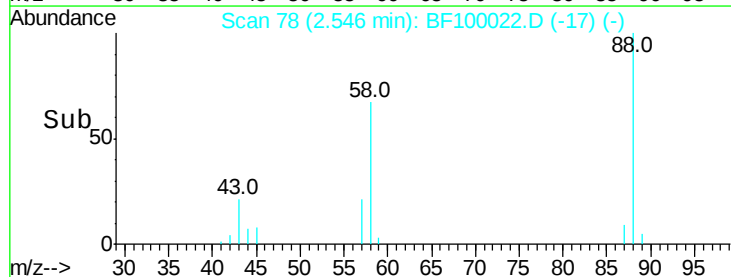
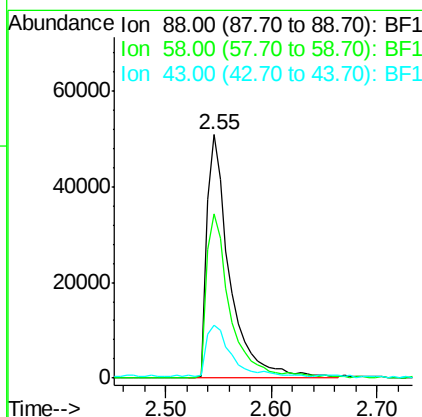
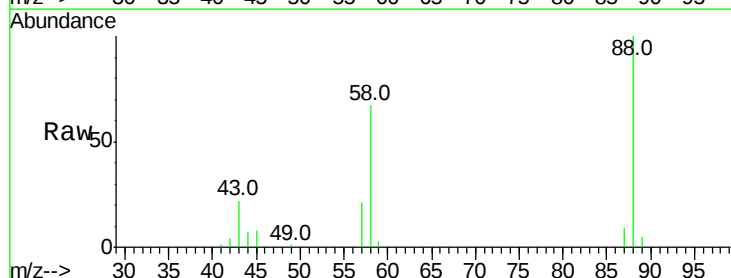
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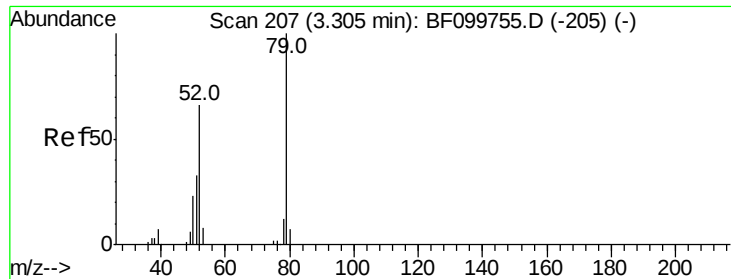


#2

1,4-Dioxane
Concen: 27.964 ng
RT: 2.55 min Scan# 78
Delta R.T. 0.06 min
Lab File: BF100022.D
Acq: 31 Oct 2017 23:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.3	62.6	93.8
43	23.0	24.6	37.0#





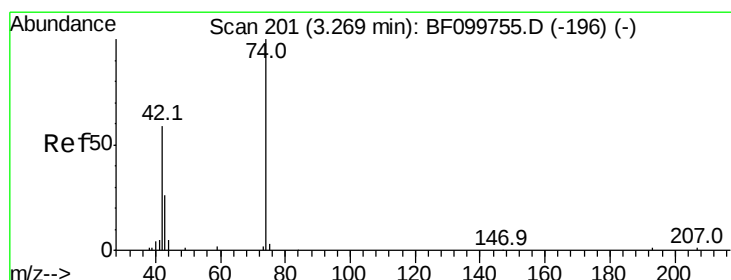
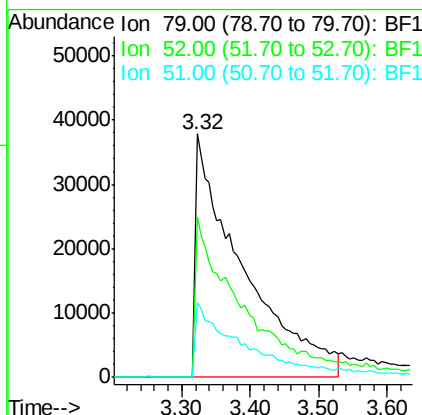
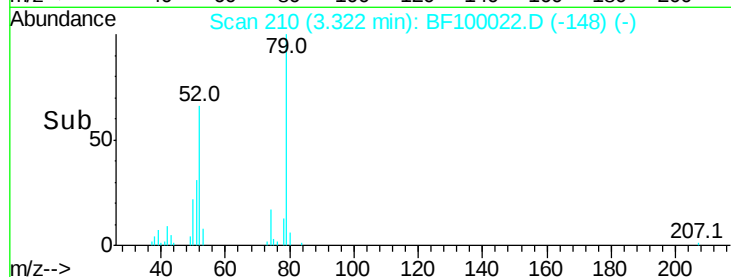
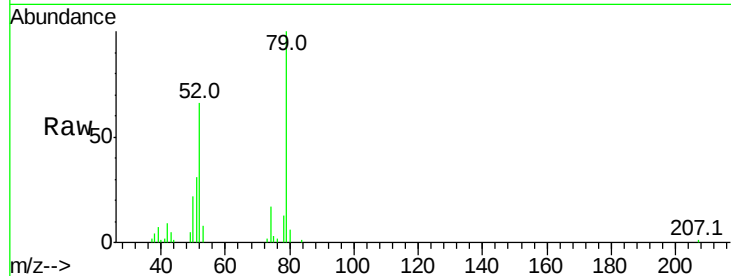
#3
 Pvridine
 Concen: 26.960 ng
 RT: 3.32 min Scan# 210
 Delta R.T. 0.06 min
 Lab File: BF100022.D
 Acq: 31 Oct 2017 23:33

Instrument :
 BNA_F
 ClientSampleId :
 Q4-COMP-FILLMSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	65.9	59.8	89.6
51	30.9	29.8	44.8

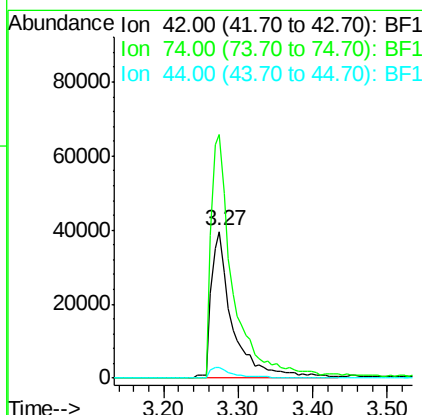
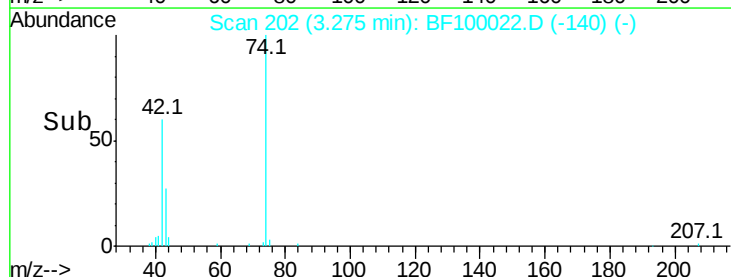
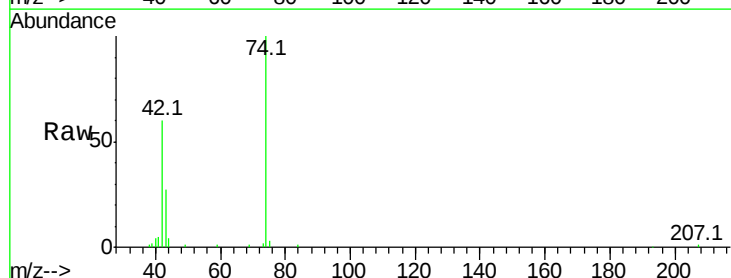
Manual Integrations
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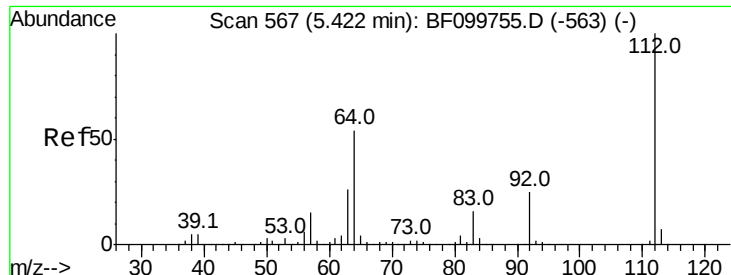
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#4
 n-Nitrosodimethylamine
 Concen: 33.124 ng
 RT: 3.27 min Scan# 202
 Delta R.T. 0.06 min
 Lab File: BF100022.D
 Acq: 31 Oct 2017 23:33

Tgt Ion	Ratio	Lower	Upper
42	100		
74	166.2	104.9	157.3#
44	7.2	6.9	10.3





#5

2-Fluorophenol

Concen: 100.607 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF100022.D

Acq: 31 Oct 2017 23:33

Instrument :

BNA_F

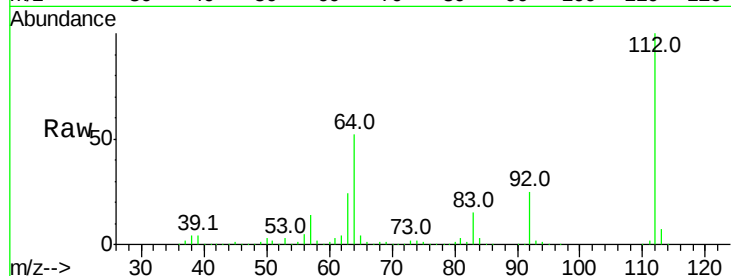
ClientSampleId :

Q4-COMP-FILLMSD

Tot Ion:	112	Resp:	626603
Ion Ratio	Lower	Upper	
112	100		
64	51.6	47.9	71.9
63	24.5	23.7	35.5

Manual Integrations
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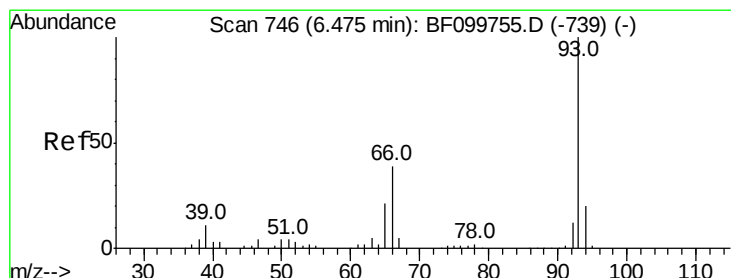
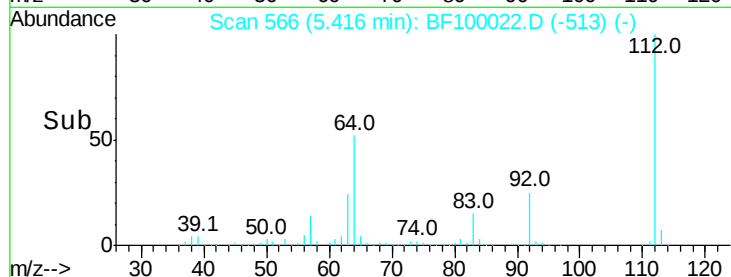
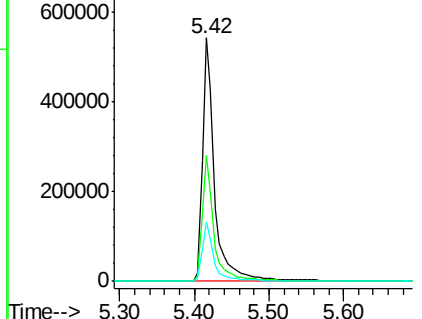
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 25.065 ng

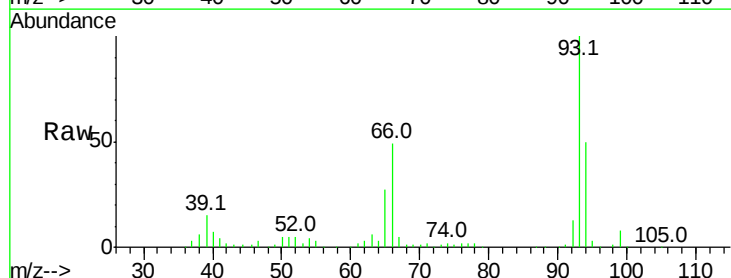
RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF100022.D

Acq: 31 Oct 2017 23:33

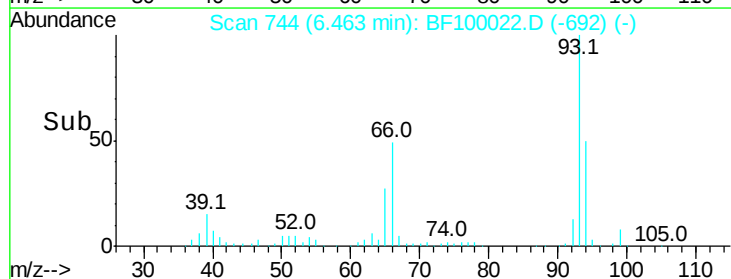
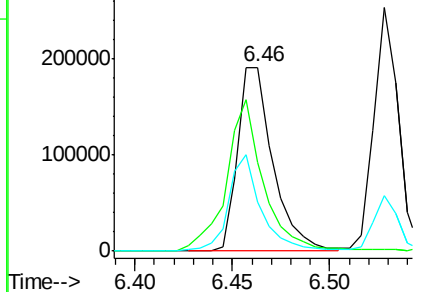
Tgt Ion:	93	Resp:	240010
Ion Ratio	Lower	Upper	
93	100		
66	48.6	32.2	48.2#
65	26.5	16.4	24.6#

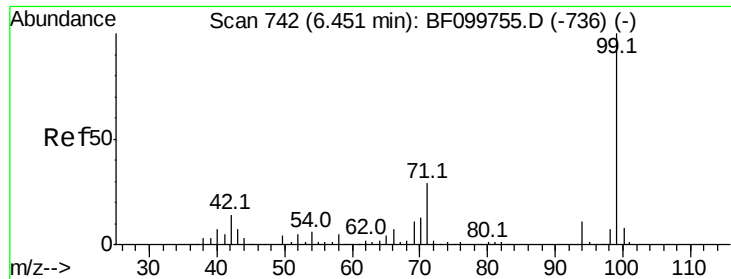


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 99.403 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF100022.D

Acq: 31 Oct 2017 23:33

Instrument :

BNA_F

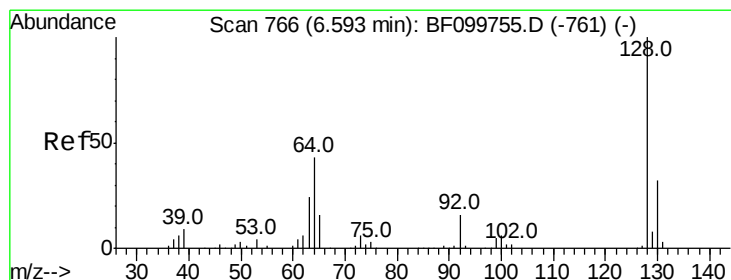
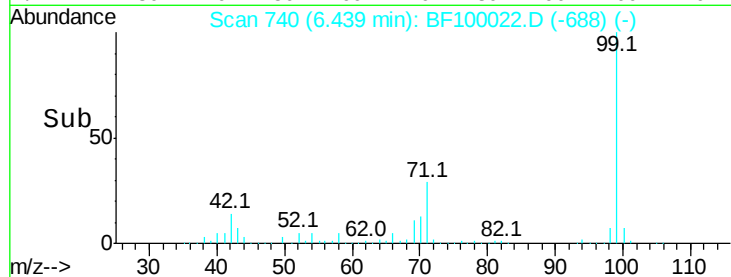
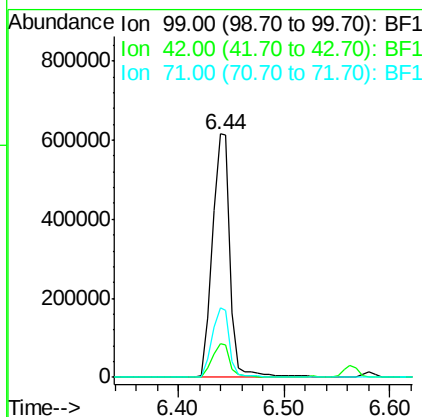
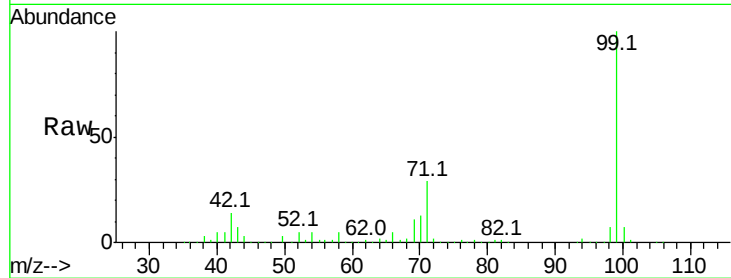
ClientSampleId :

Q4-COMP-FILLMSD

Tot Ion	99	Resp	734082
Ion Ratio	Lower	Upper	
99	100		
42	14.0	14.5	21.7#
71	28.8	25.4	38.0

Manual Integrations
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#8

2-Chlorophenol

Concen: 36.642 ng

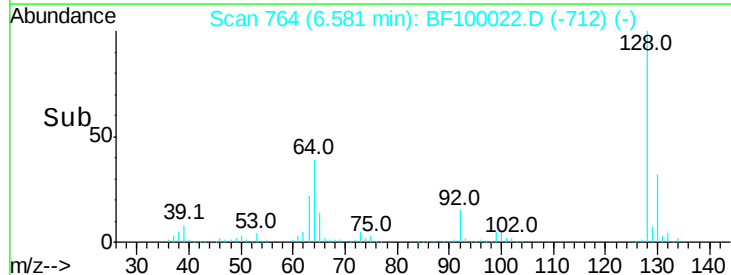
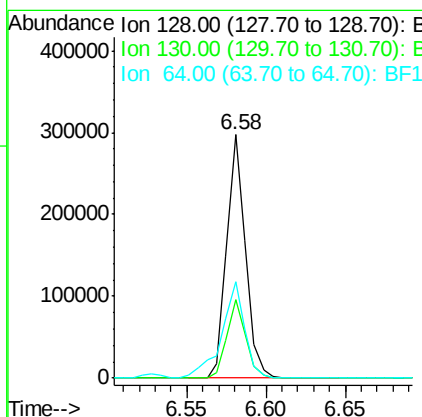
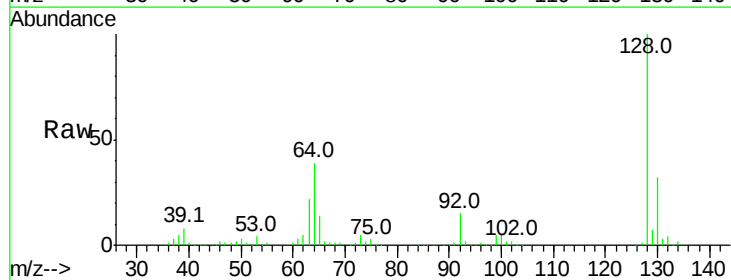
RT: 6.58 min Scan# 764

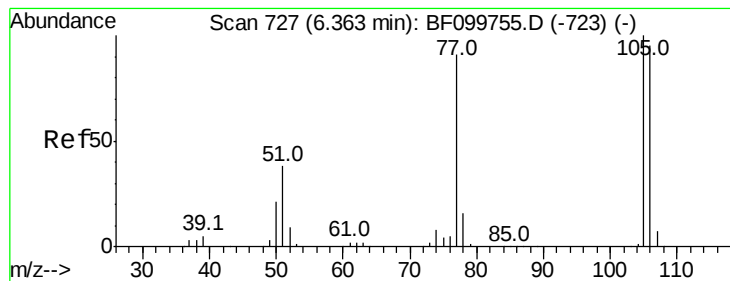
Delta R.T. 0.01 min

Lab File: BF100022.D

Acq: 31 Oct 2017 23:33

Tgt Ion	128	Resp	243227
Ion Ratio	Lower	Upper	
128	100		
130	32.3	13.0	53.0
64	39.4	29.4	69.4





#9

Benzaldehyde

Concen: 24.920 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF100022.D

Acq: 31 Oct 2017 23:33

Instrument :

BNA_F

ClientSampleId :

Q4-COMP-FILLMSD

Tot Ion: 77 Resp: 109973

Ion Ratio Lower Upper

77 100

105 107.1 81.1 121.1

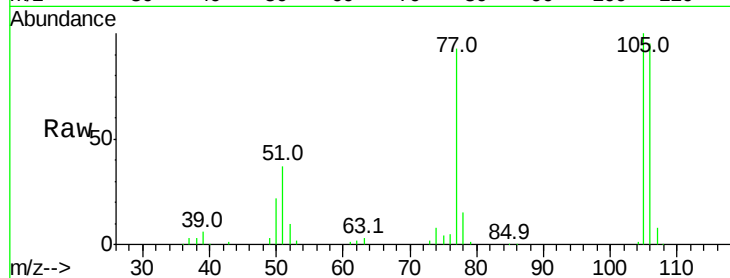
106 101.6 74.5 114.5

Manual Integrations

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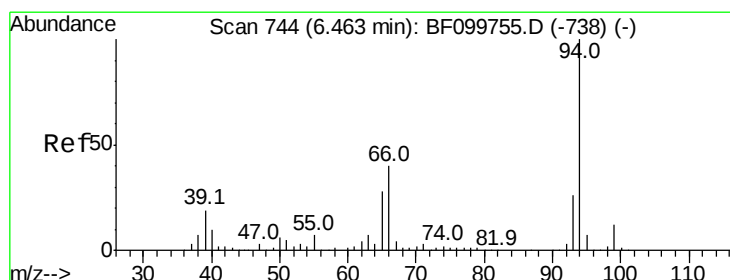
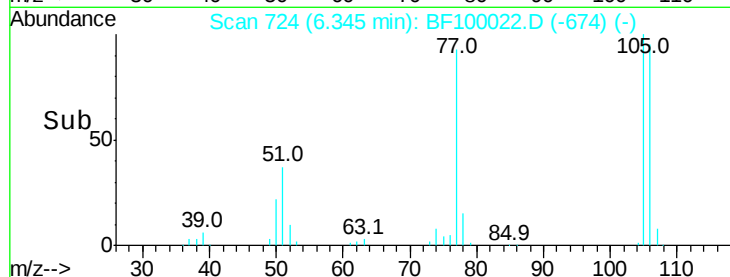
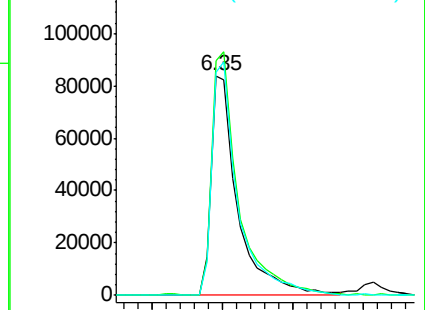
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.834 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF100022.D

Acq: 31 Oct 2017 23:33

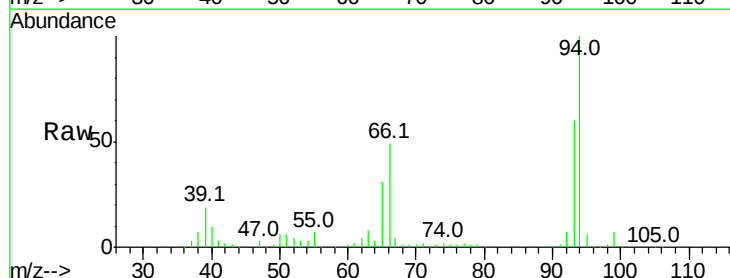
Tgt Ion: 94 Resp: 322982

Ion Ratio Lower Upper

94 100

65 31.5 7.9 47.9

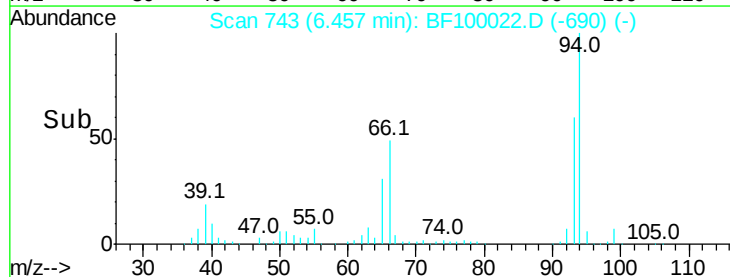
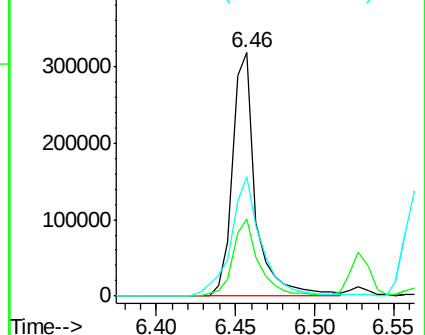
66 49.2 16.2 56.2

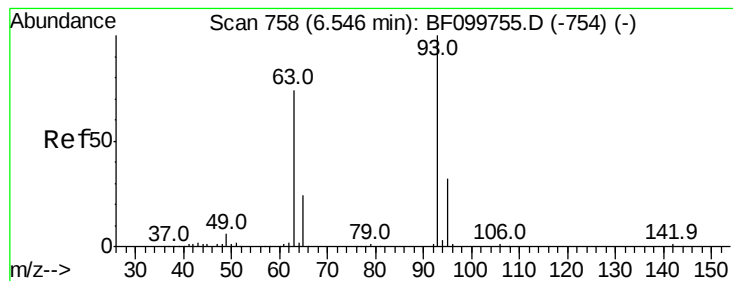


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





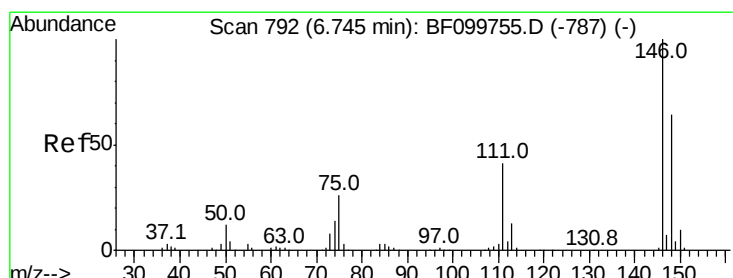
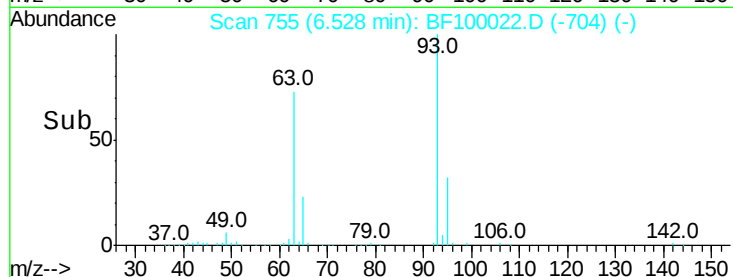
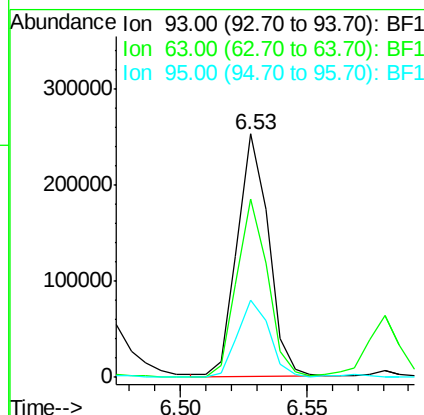
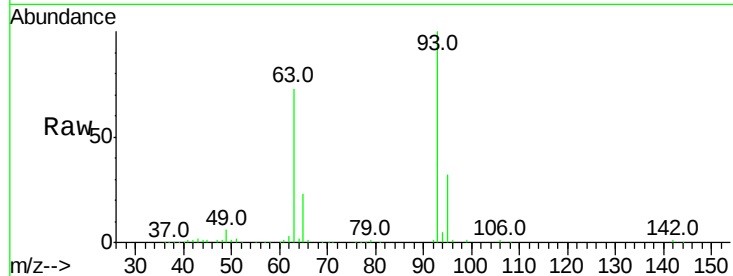
#11
bis(2-Chloroethyl)ether
Concen: 34.640 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.00 min
Lab File: BF100022.D
Acq: 31 Oct 2017 23:33

Instrument :
BNA_F
ClientSampleId :
Q4-COMP-FILLMSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	73.4	58.6	98.6
95	31.5	11.8	51.8

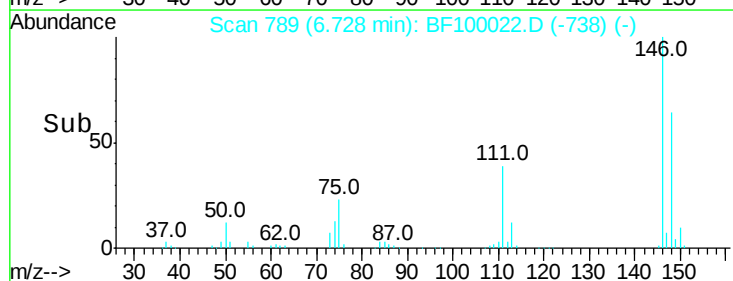
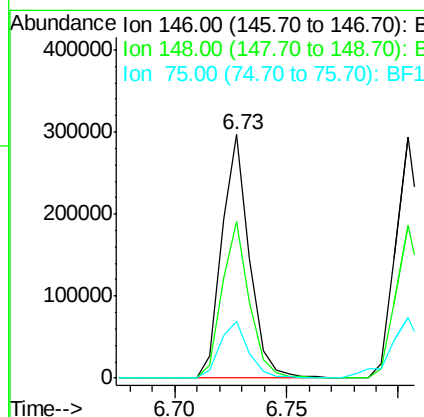
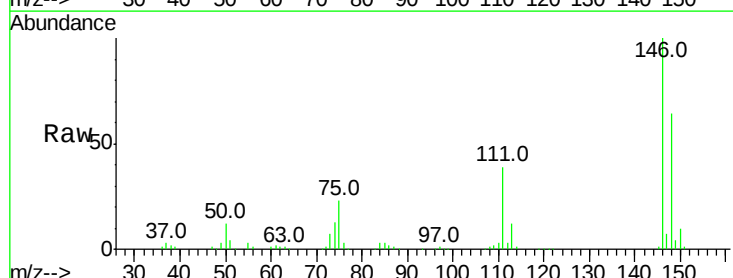
Manual Integrations
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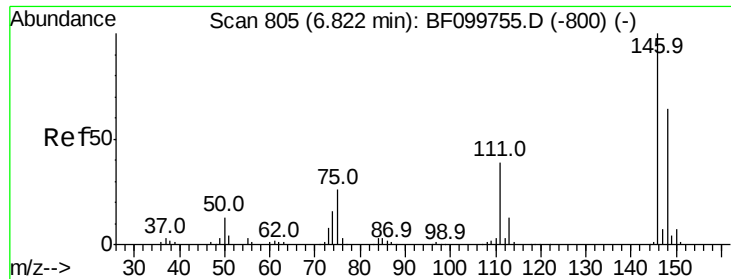
Sohil
11/1/2017 2:38:00 PM



#12
1,3-Dichlorobenzene
Concen: 33.817 ng m
RT: 6.73 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF100022.D
Acq: 31 Oct 2017 23:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.8	77.8
75	23.2	24.2	36.4#





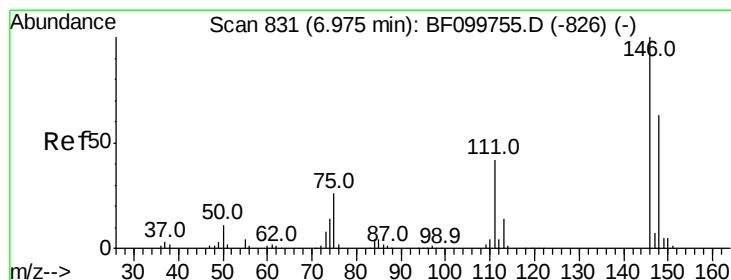
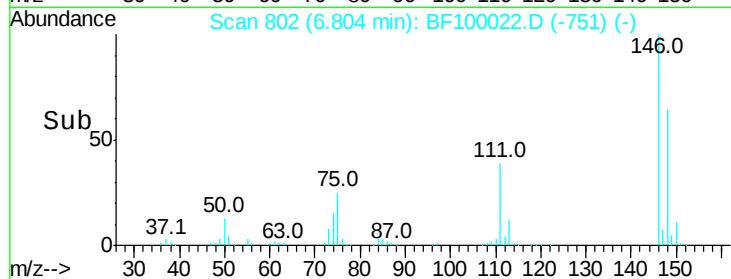
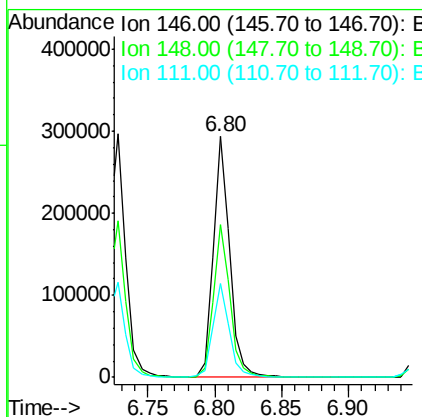
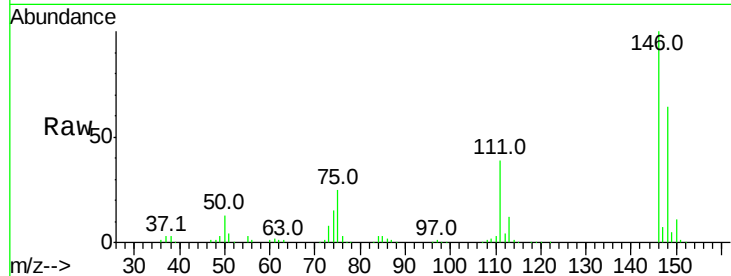
#13
1,4-Dichlorobenzene
Concen: 33.826 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF100022.D
Acq: 31 Oct 2017 23:33

Instrument :
BNA_F
ClientSampleId :
Q4-COMP-FILLMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.8	76.2
111	38.9	34.2	51.2

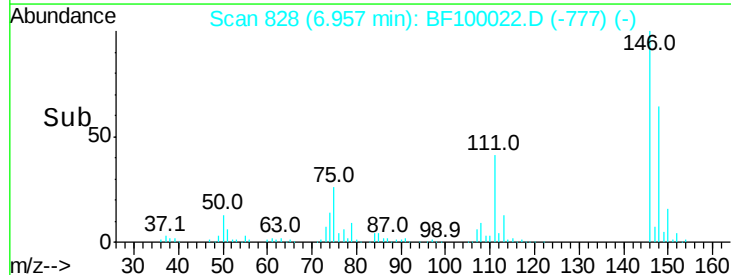
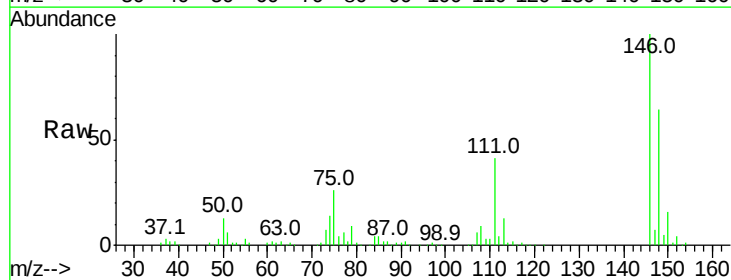
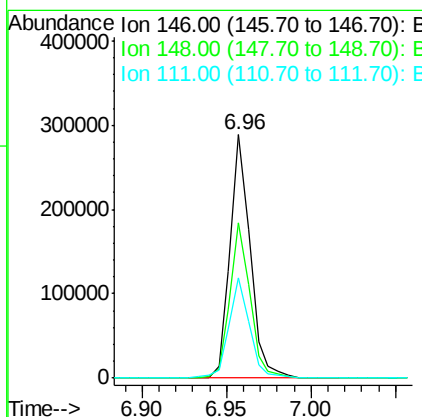
Manual Integrations
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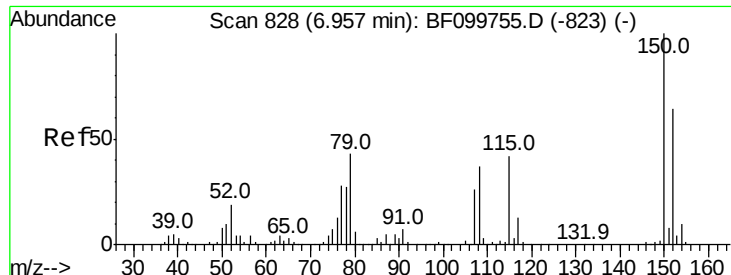
Sohil
11/1/2017 2:38:00 PM



#14
1,2-Dichlorobenzene
Concen: 34.729 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF100022.D
Acq: 31 Oct 2017 23:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.6	75.8
111	41.4	36.0	54.0





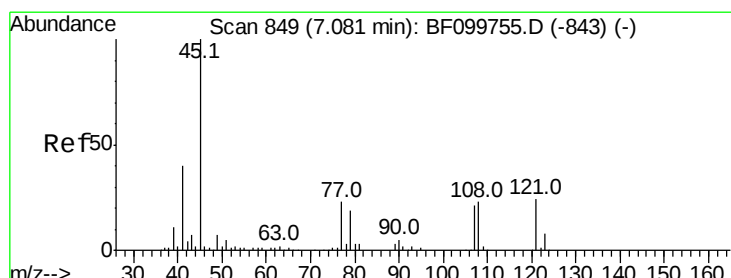
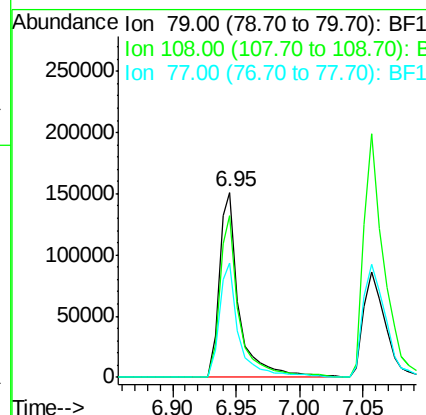
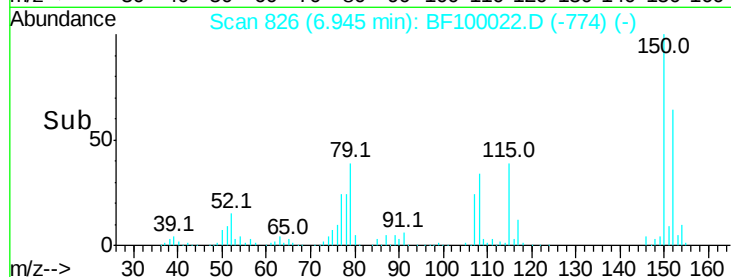
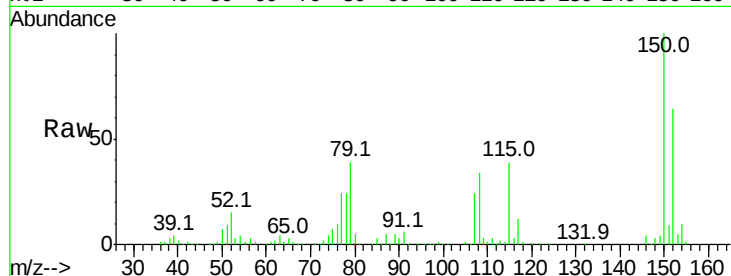
#15
Benzyl Alcohol
Concen: 35.499 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.01 min
Lab File: BF100022.D
Acq: 31 Oct 2017 23:33

Instrument :
BNA_F
ClientSampleId :
Q4-COMP-FILLMSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	87.5	65.1	97.7
77	61.7	50.6	75.8

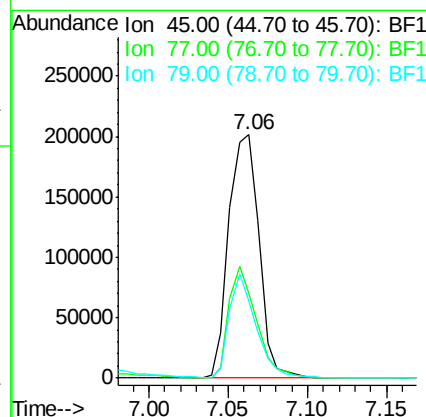
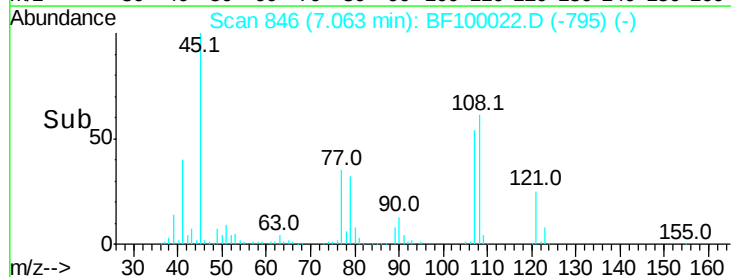
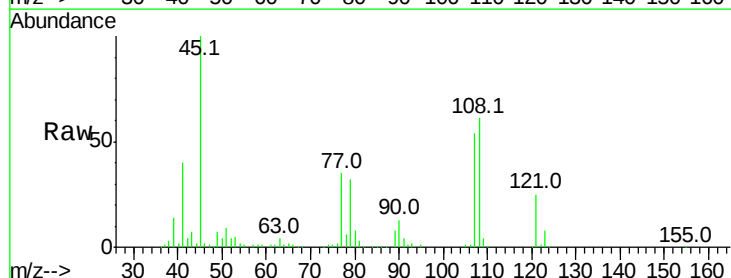
Manual Integrations
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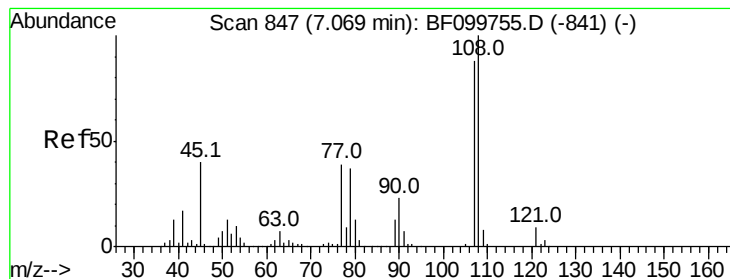
Sohil
11/1/2017 2:38:00 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.384 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BF100022.D
Acq: 31 Oct 2017 23:33

Tgt Ion	Ratio	Lower	Upper
45	100		
77	34.8	0.0	32.9#
79	31.8	0.0	29.6#





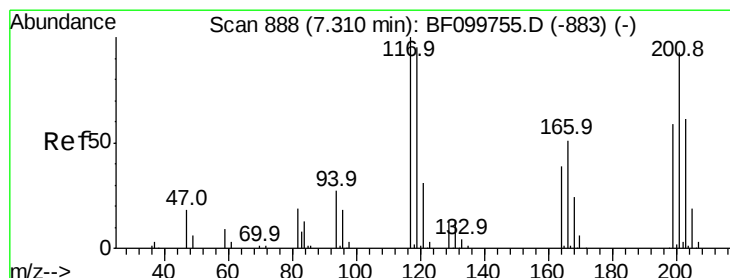
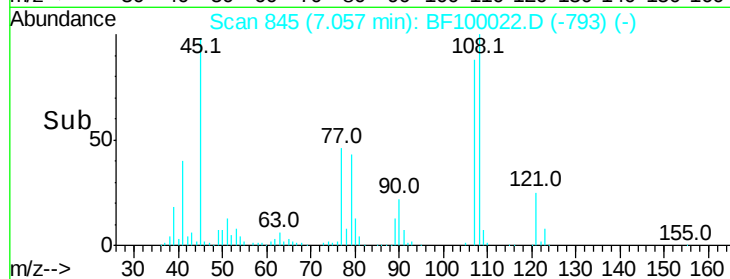
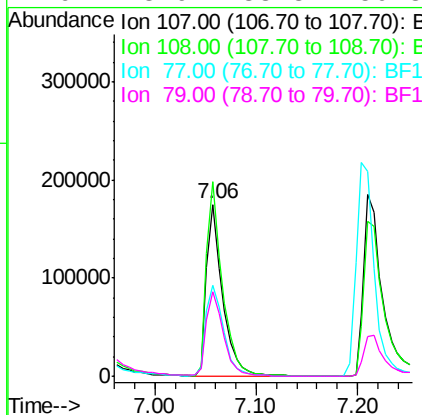
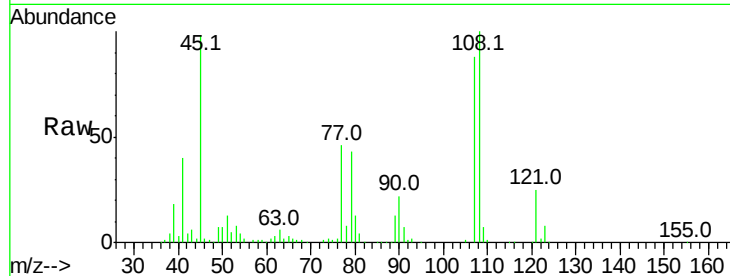
#17
2-Methylphenol
Concen: 34.875 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.01 min
Lab File: BF100022.D
Acq: 31 Oct 2017 23:33

Instrument :
BNA_F
ClientSampleId :
Q4-COMP-FILLMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.3	91.7	137.5	
77	52.7	33.8	50.8#	
79	48.9	33.8	50.8	

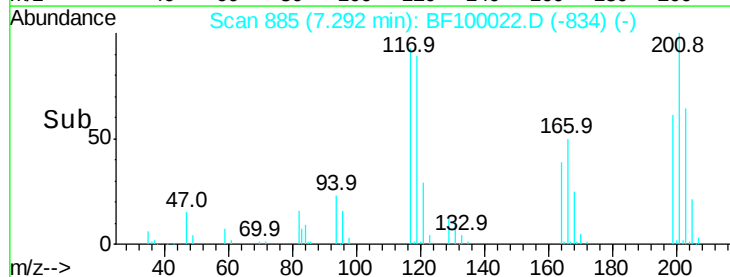
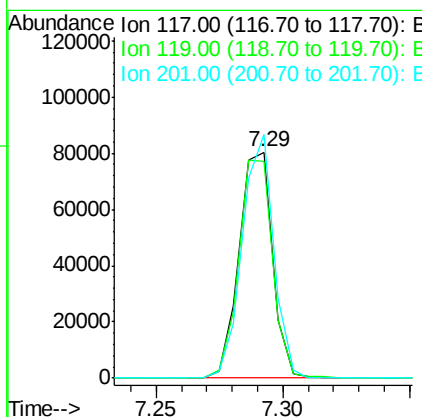
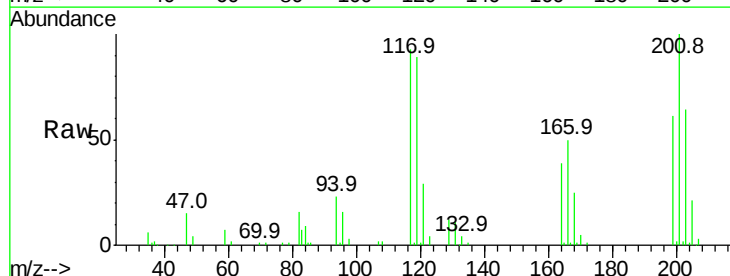
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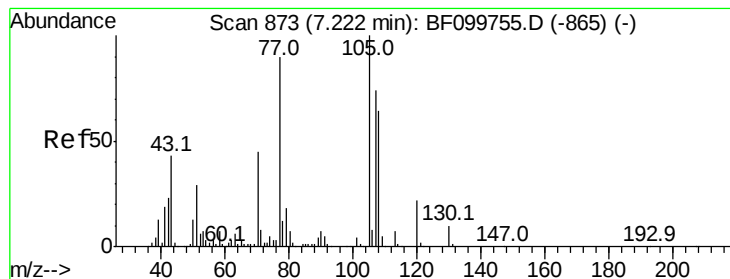
Sohil
11/1/2017 2:38:00 PM



#18
Hexachloroethane
Concen: 29.189 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF100022.D
Acq: 31 Oct 2017 23:33

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.2	75.8	113.8	
201	107.8	75.7	113.5	





#19

n-Nitroso-di-n-propylamine

Concen: 34.035 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.00 min

Lab File: BF100022.D

Acq: 31 Oct 2017 23:33

Instrument :

BNA_F

ClientSampleId :

Q4-COMP-FILLMSD

Tot Ion: 70 Resp: 147296

Ion Ratio Lower Upper

70 100

42 51.2 47.5 71.3

101 9.3 7.4 11.2

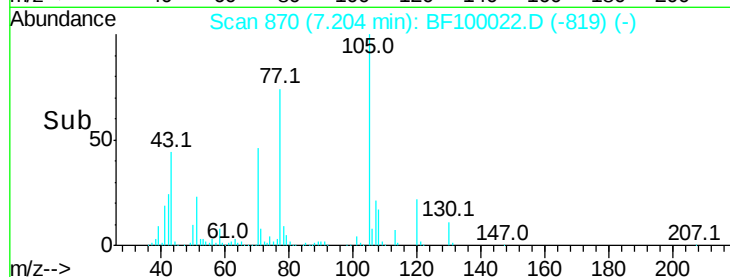
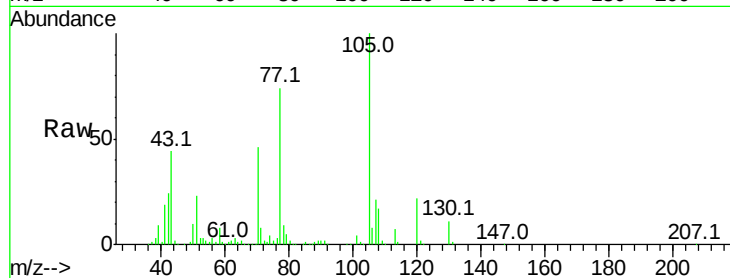
130 23.7 16.6 25.0

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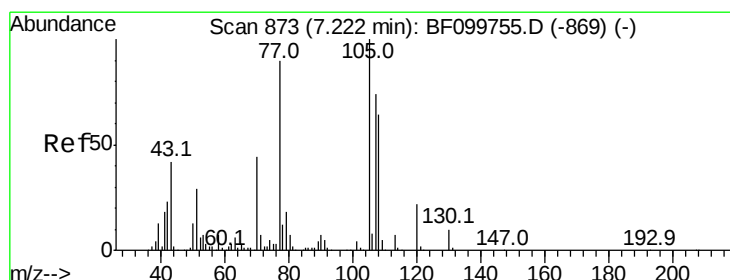
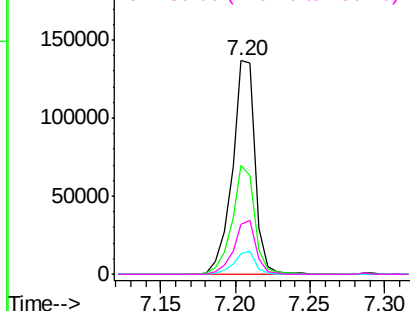
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 38.645 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.00 min

Lab File: BF100022.D

Acq: 31 Oct 2017 23:33

Tgt Ion: 107 Resp: 249847

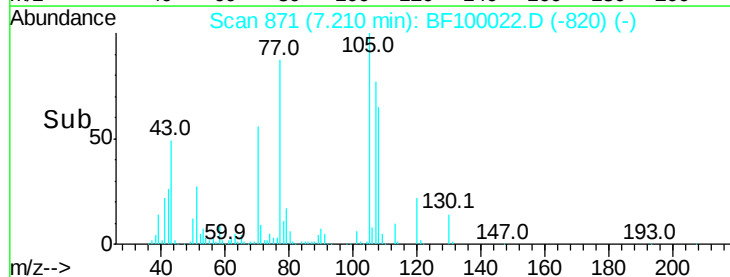
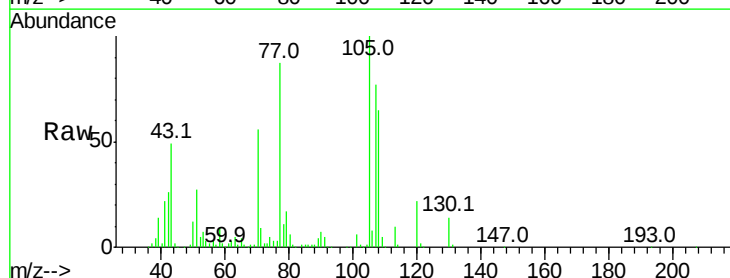
Ion Ratio Lower Upper

107 100

108 85.1 68.2 108.2

77 113.3 26.7 66.7#

79 22.1 6.3 46.3



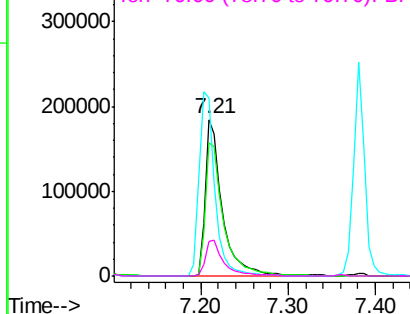
Abundance

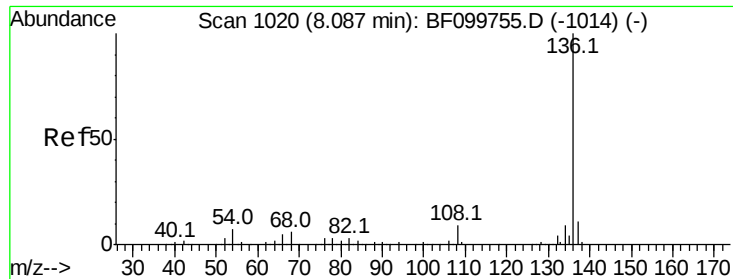
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





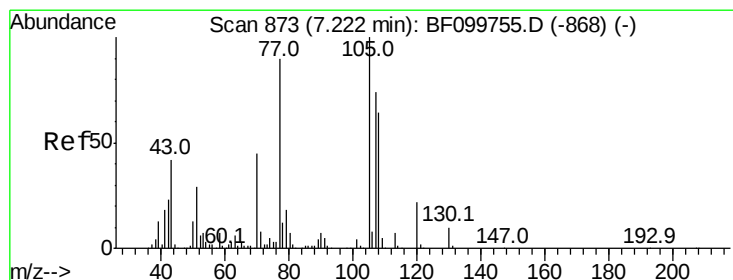
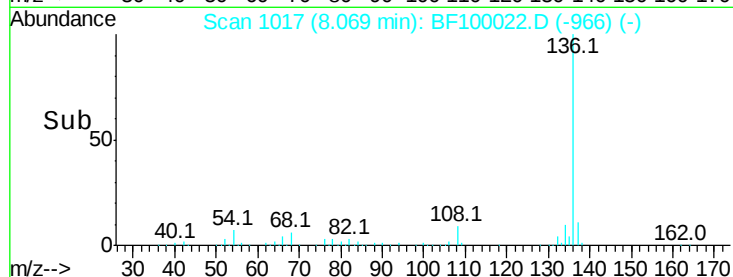
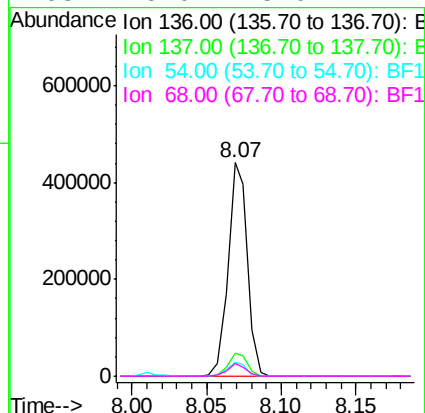
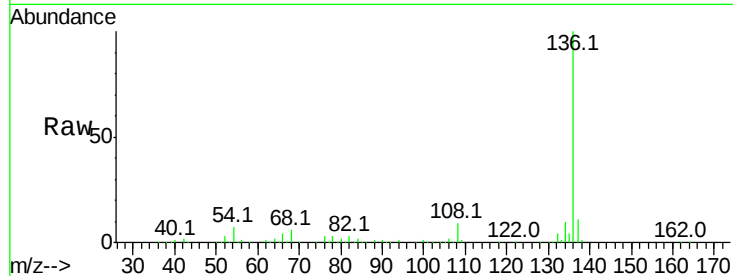
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF100022.D
Acq: 31 Oct 2017 23:33

Instrument :
BNA_F
ClientSampleId :
Q4-COMP-FILLMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	10.9		8.9	13.3	
54	6.7		6.6	9.8	
68	6.0		5.0	7.4	

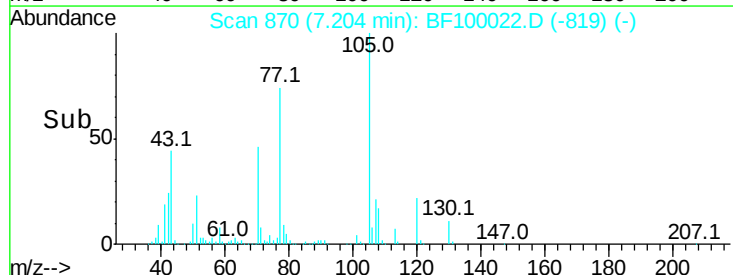
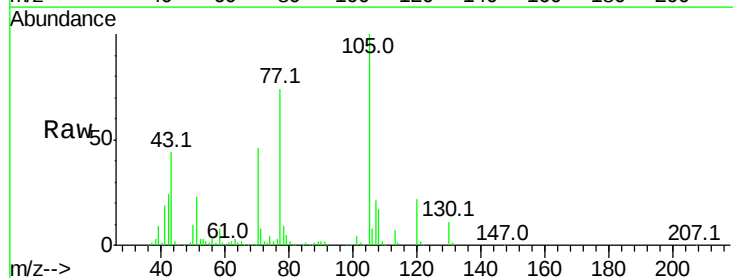
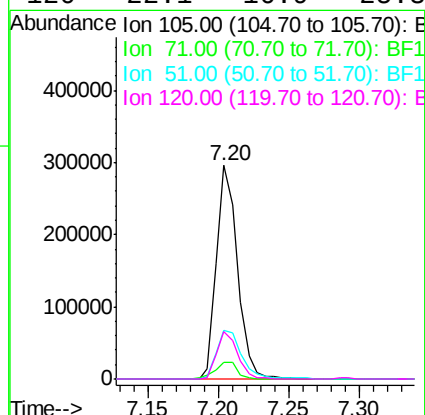
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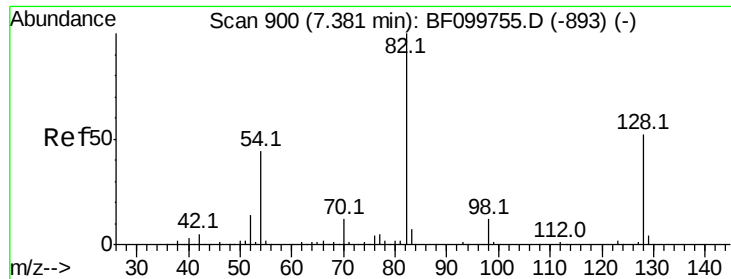
Sohil
11/1/2017 2:38:00 PM



#22
Acetophenone
Concen: 33.613 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.00 min
Lab File: BF100022.D
Acq: 31 Oct 2017 23:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	7.6		4.4	6.6#	
51	22.6		22.3	33.5	
120	22.1		16.9	25.3	





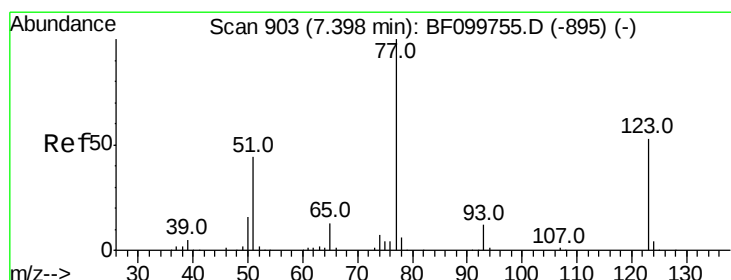
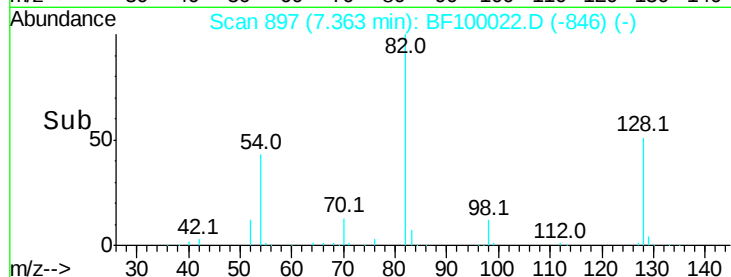
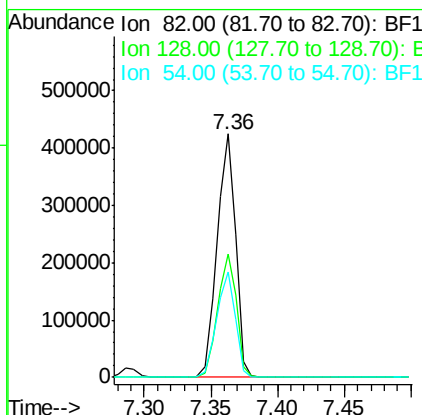
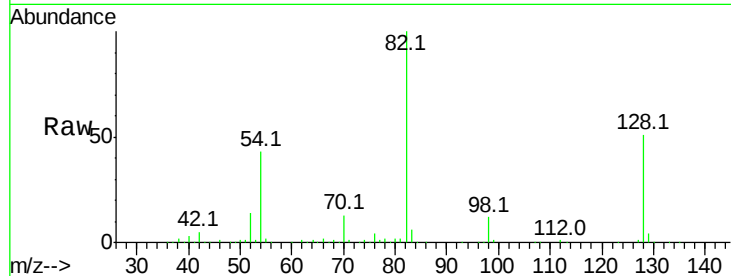
#23
Nitrobenzene-d5
Concen: 66.802 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF100022.D
Acq: 31 Oct 2017 23:33

Instrument :
BNA_F
ClientSampleId :
Q4-COMP-FILLMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	50.6	36.1	54.1
54	43.5	41.4	62.2

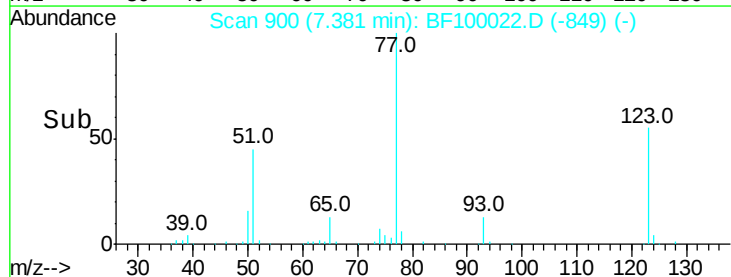
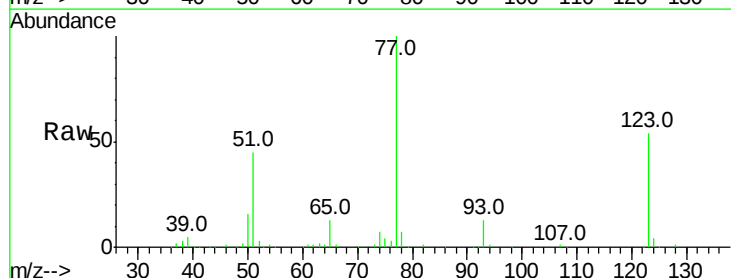
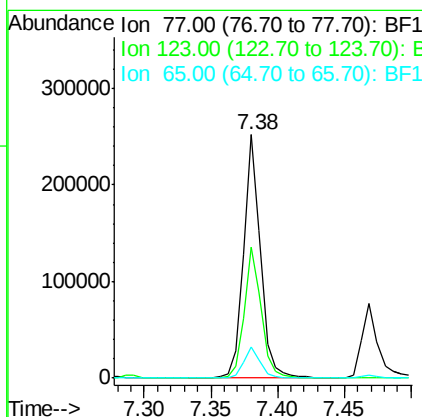
Manual Integrations
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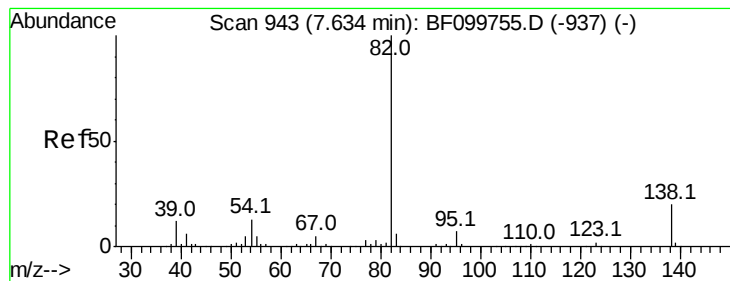
Sohil
11/1/2017 2:38:00 PM



#24
Nitrobenzene
Concen: 35.241 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF100022.D
Acq: 31 Oct 2017 23:33

Tgt Ion	Ratio	Lower	Upper
77	100		
123	53.8	37.9	56.9
65	12.7	11.0	16.4





#25

Isophorone

Concen: 37.610 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF100022.D

Acq: 31 Oct 2017 23:33

Instrument :

BNA_F

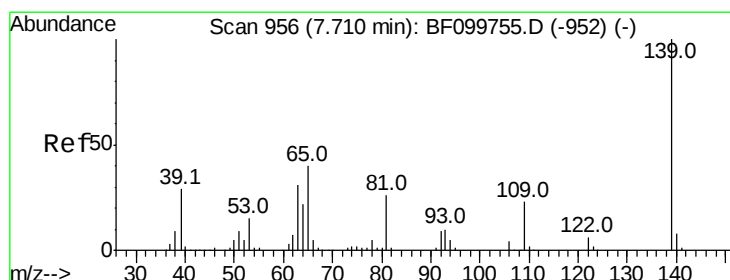
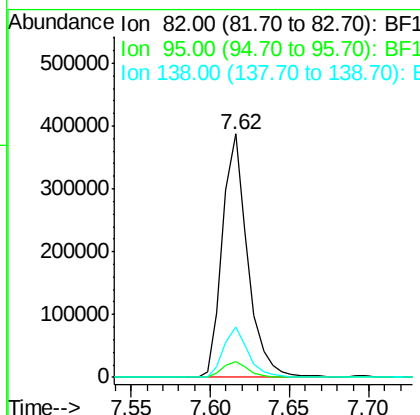
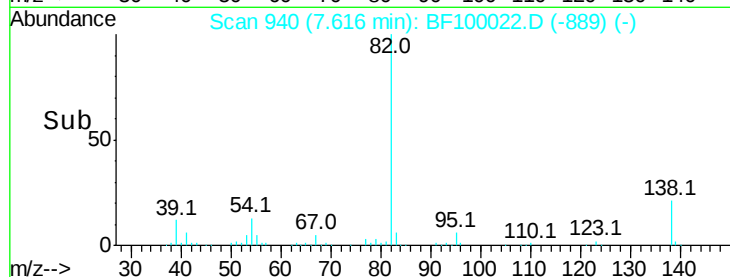
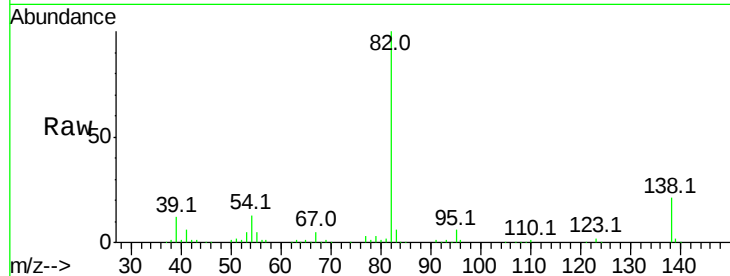
ClientSampleId :

Q4-COMP-FILLMSD

Tot Ion:	82	Resp:	427112
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.2	7.8
138	20.5	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 31.281 ng

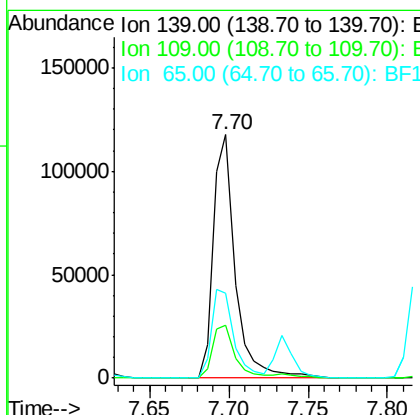
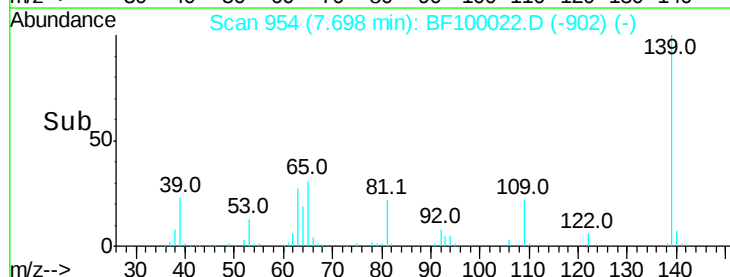
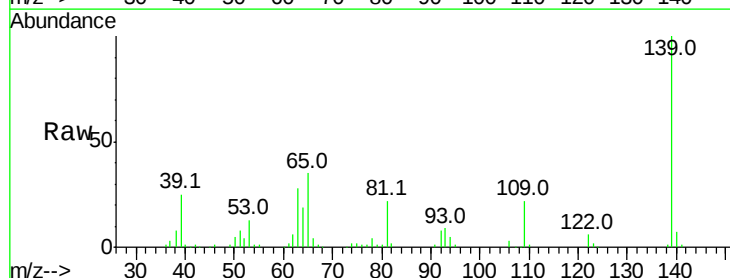
RT: 7.70 min Scan# 954

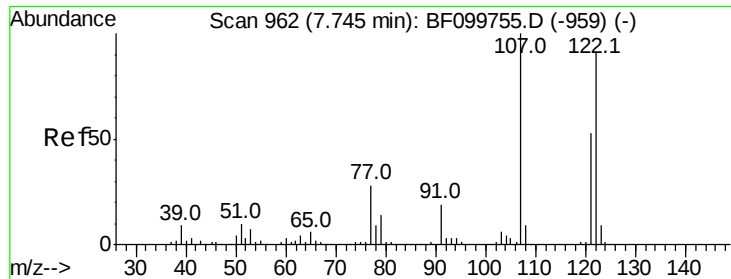
Delta R.T. 0.01 min

Lab File: BF100022.D

Acq: 31 Oct 2017 23:33

Tgt Ion:	139	Resp:	112981
Ion Ratio	Lower	Upper	
139	100		
109	21.7	22.7	34.1#
65	35.0	40.5	60.7#





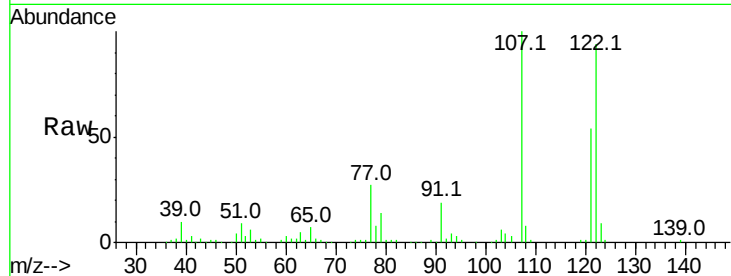
#27
2,4-Dimethylphenol
Concen: 39.062 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.00 min
Lab File: BF100022.D
Acq: 31 Oct 2017 23:33

Instrument :
BNA_F
ClientSampleId :
Q4-COMP-FILLMSD

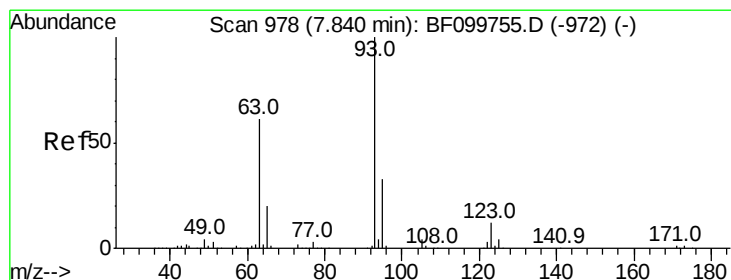
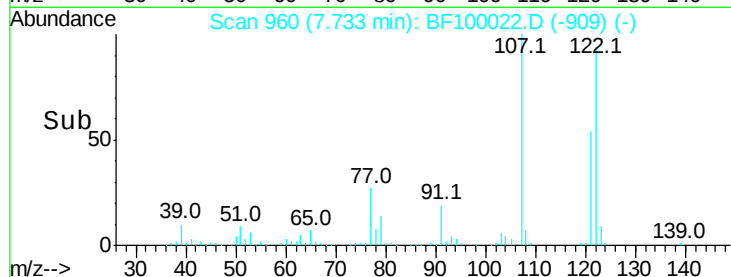
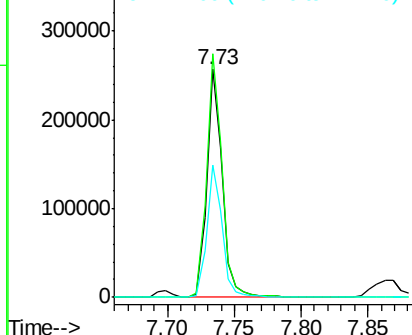
Tot Ion	Ratio	Lower	Upper
122	100		
107	106.7	91.2	136.8
121	57.7	47.2	70.8

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11/1/2017 2:38:00 PM

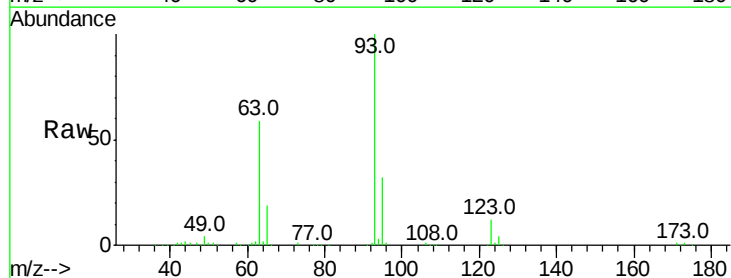


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

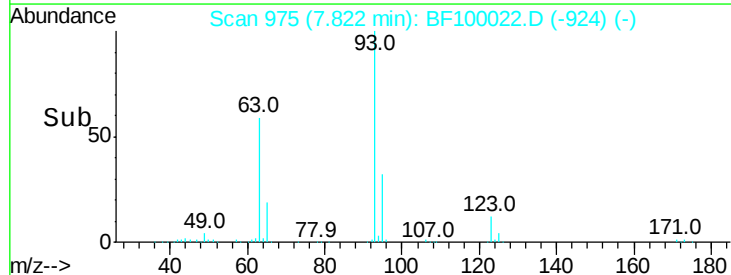
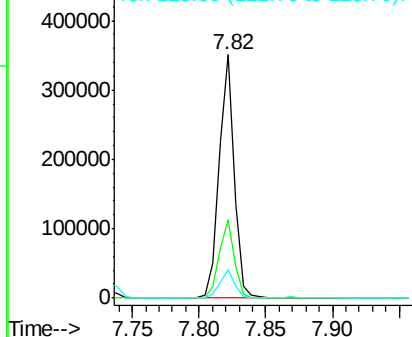


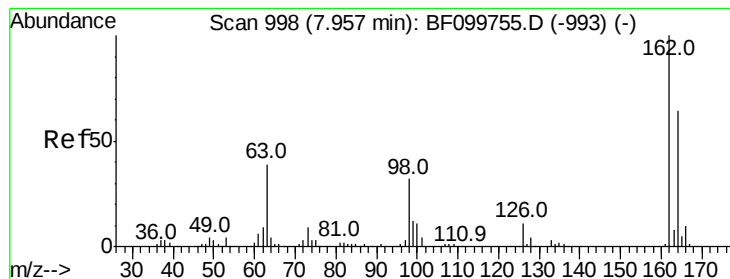
#28
bis(2-Chloroethoxy)methane
Concen: 35.271 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.00 min
Lab File: BF100022.D
Acq: 31 Oct 2017 23:33

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.3	39.5
123	11.9	9.8	14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 37.791 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.01 min

Lab File: BF100022.D

Acq: 31 Oct 2017 23:33

Instrument :

BNA_F

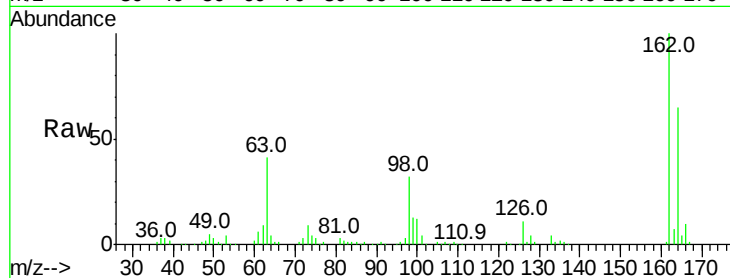
ClientSampleId :

Q4-COMP-FILLMSD

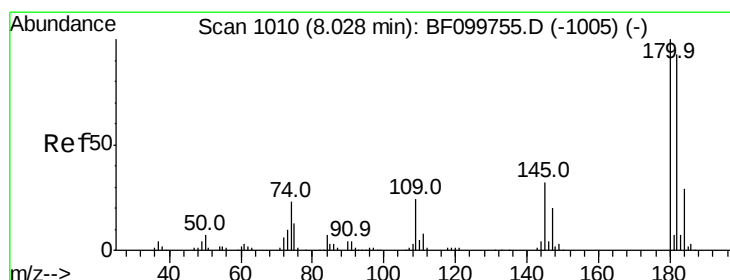
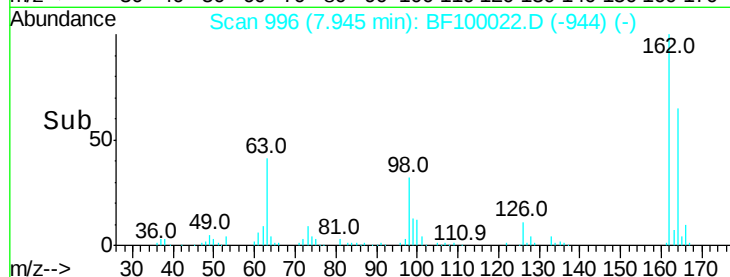
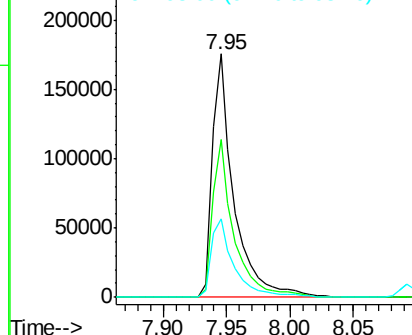
Tot Ion:	162	Resp:	208917
Ion Ratio	Lower	Upper	
162	100		
164	64.7	42.7	82.7
98	32.3	18.1	58.1

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11/1/2017 2:38:00 PM



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



#30

1,2,4-Trichlorobenzene

Concen: 34.238 ng

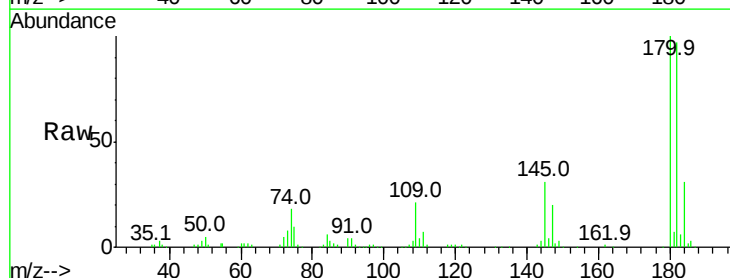
RT: 8.02 min Scan# 1008

Delta R.T. -0.00 min

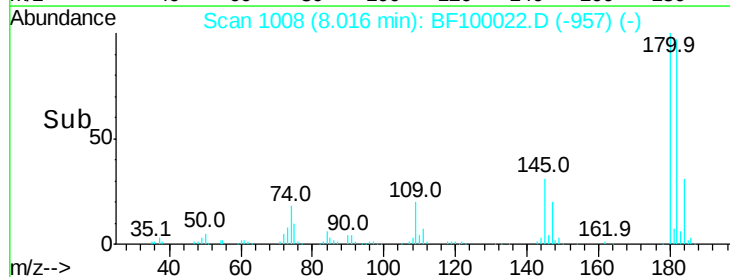
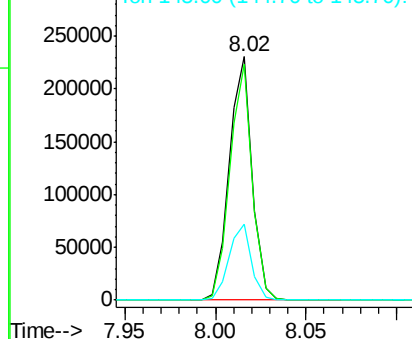
Lab File: BF100022.D

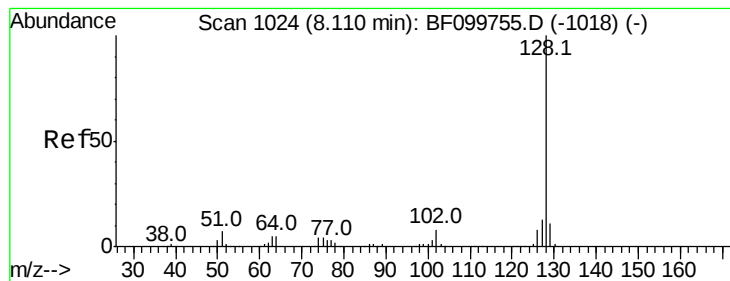
Acq: 31 Oct 2017 23:33

Tgt Ion:	180	Resp:	202233
Ion Ratio	Lower	Upper	
180	100		
182	96.7	76.8	115.2
145	31.0	26.5	39.7



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





#31

Naphthalene

Concen: 34.781 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BF100022.D

Acq: 31 Oct 2017 23:33

Instrument :

BNA_F

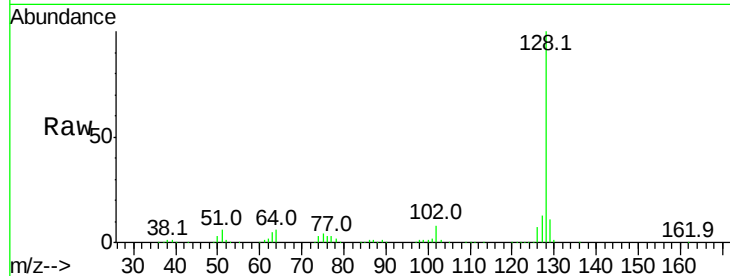
ClientSampleId :

Q4-COMP-FILLMSD

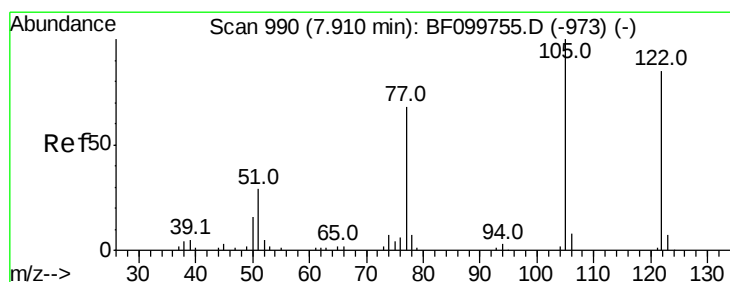
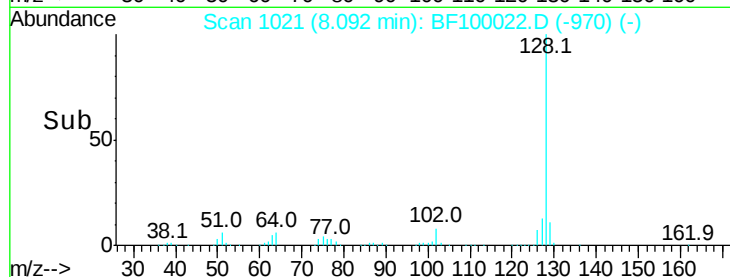
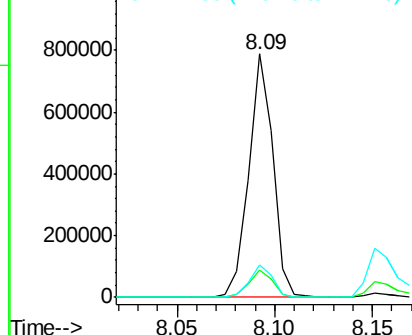
Tot Ion:128	Resp:	676466
Ion Ratio	Lower	Upper
128	100	
129	11.0	8.8 13.2
127	13.4	10.9 16.3

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 6.963 ng

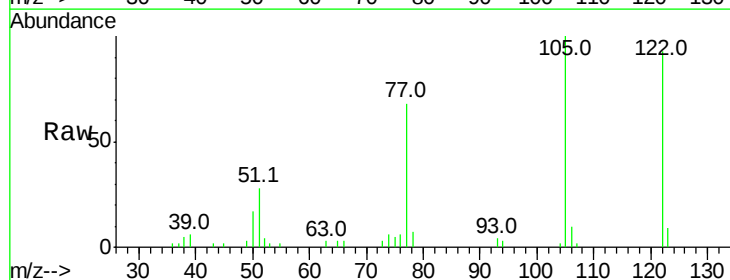
RT: 7.87 min Scan# 983

Delta R.T. -0.03 min

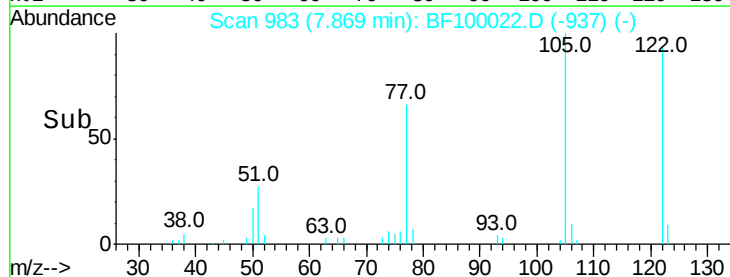
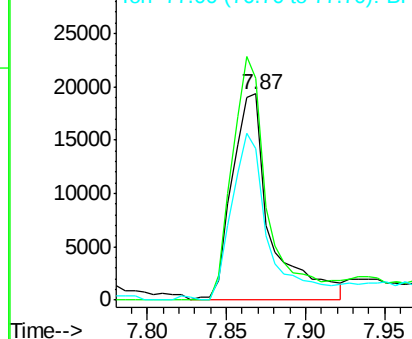
Lab File: BF100022.D

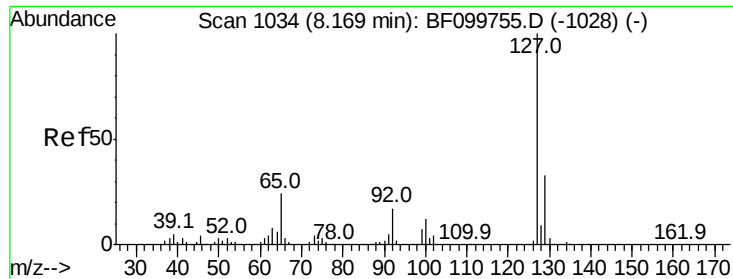
Acq: 31 Oct 2017 23:33

Tgt Ion:122	Resp:	32616
Ion Ratio	Lower	Upper
122	100	
105	107.7	101.1 141.1
77	73.7	70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





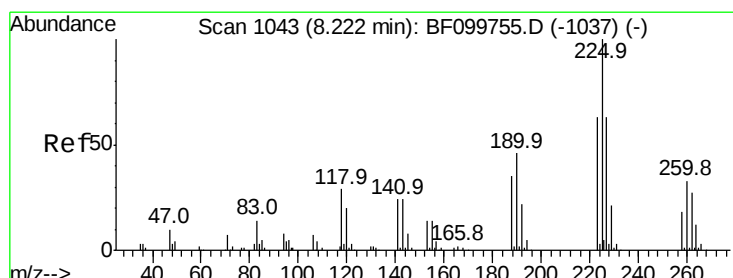
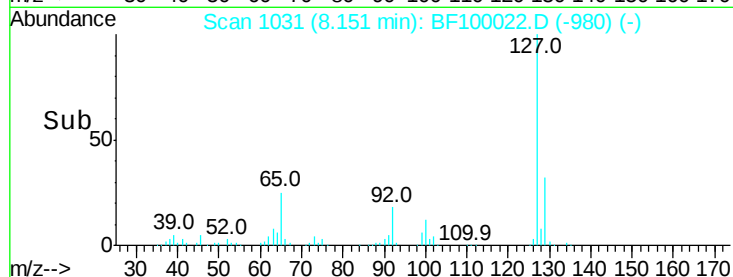
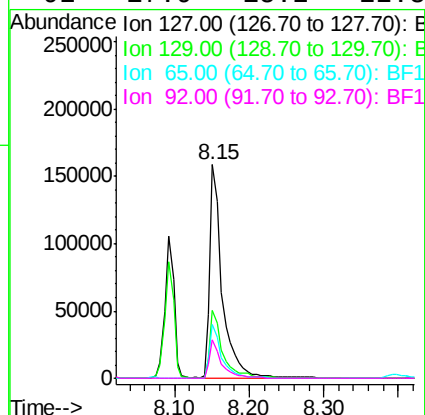
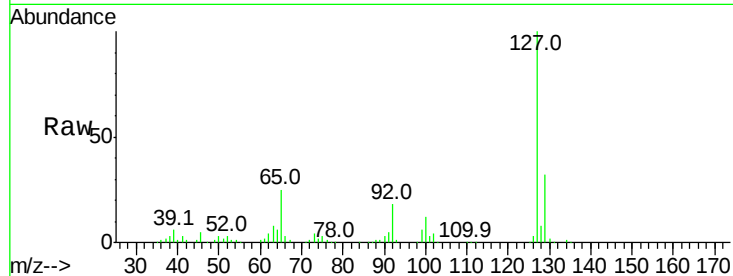
#33
4-Chloroaniline
Concen: 23.395 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF100022.D
Acq: 31 Oct 2017 23:33

Instrument :
BNA_F
ClientSampleId :
Q4-COMP-FILLMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.7	25.9	38.9		
65	25.1	25.0	37.4		
92	17.9	15.2	22.8		

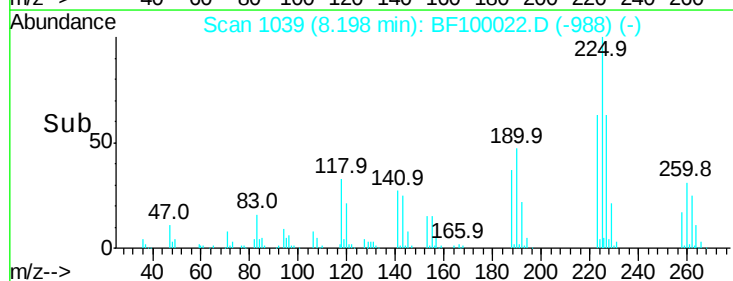
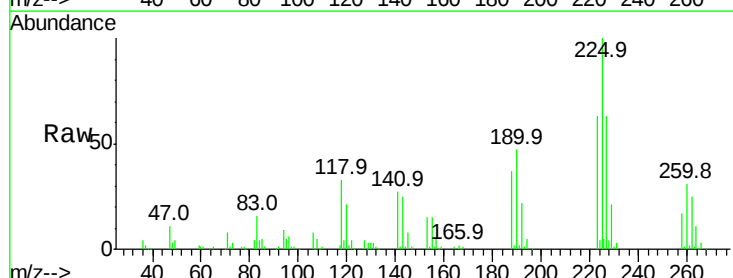
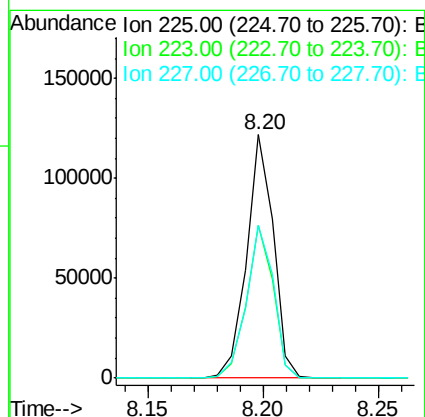
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#34
Hexachlorobutadiene
Concen: 32.530 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF100022.D
Acq: 31 Oct 2017 23:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.8	50.6	76.0		
227	62.9	51.9	77.9		





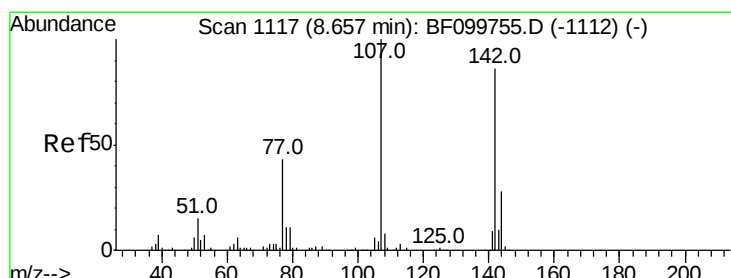
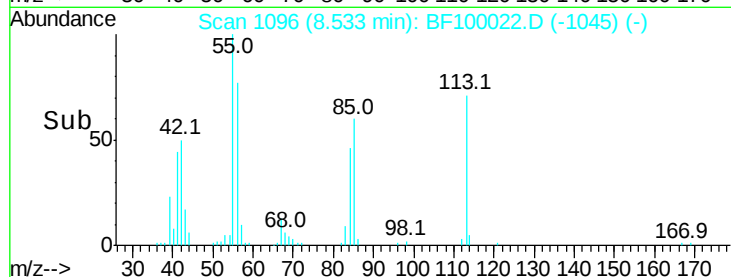
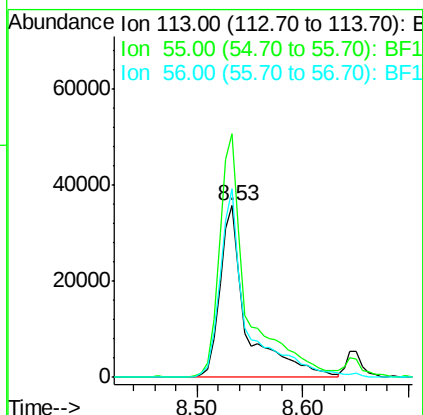
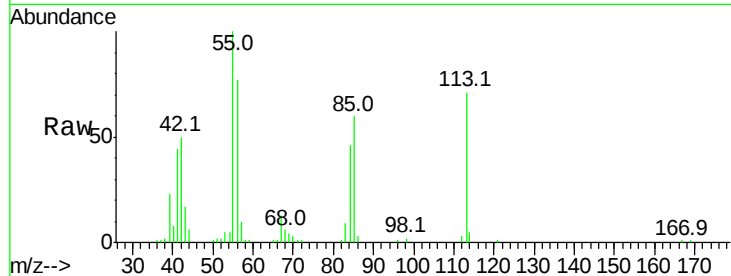
#35
 Caprolactam
 Concen: 36.697 ng
 RT: 8.53 min Scan# 1096
 Delta R.T. -0.00 min
 Lab File: BF100022.D
 Acq: 31 Oct 2017 23:33

Instrument :
 BNA_F
 ClientSampleId :
 Q4-COMP-FILLMSD

Tot Ion:113 Resp: 63797
 Ion Ratio Lower Upper
 113 100
 55 141.8 163.3 203.3#
 56 109.7 115.7 155.7#

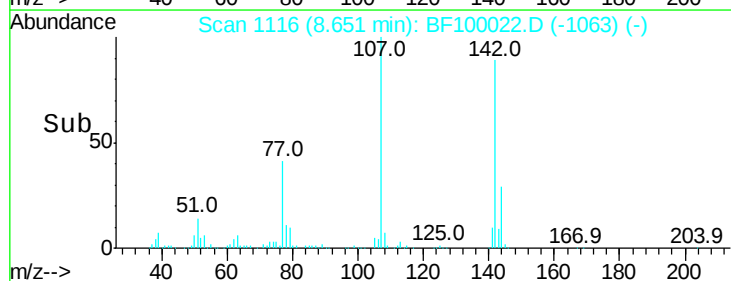
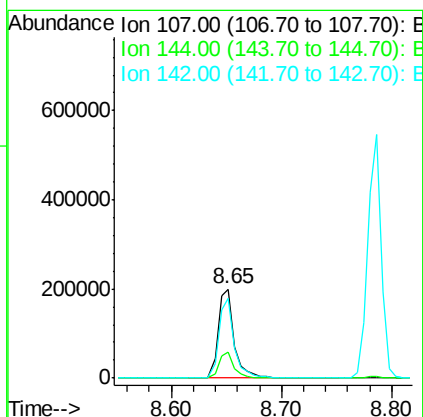
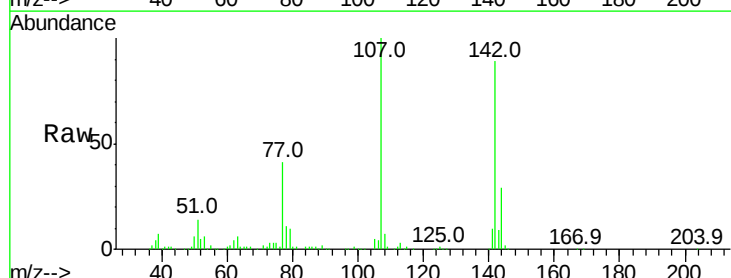
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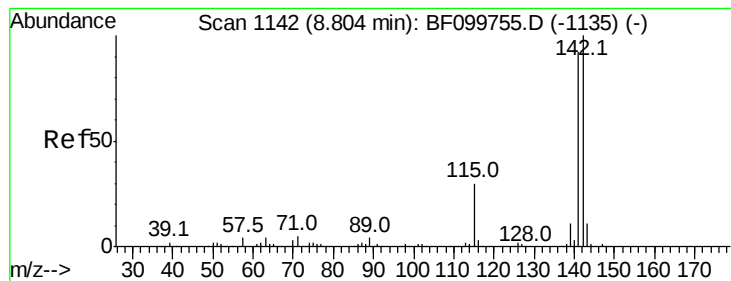
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 11/1/2017 2:38:00 PM



#36
 4-Chloro-3-methylphenol
 Concen: 35.913 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. 0.01 min
 Lab File: BF100022.D
 Acq: 31 Oct 2017 23:33

Tgt Ion:107 Resp: 202640
 Ion Ratio Lower Upper
 107 100
 144 29.2 20.5 30.7
 142 89.1 62.0 93.0





#37

2-Methylnaphthalene

Concen: 35.908 ng

RT: 8.79 min Scan# 1139

Delta R.T. 0.01 min

Lab File: BF100022.D

Acq: 31 Oct 2017 23:33

Instrument :

BNA_F

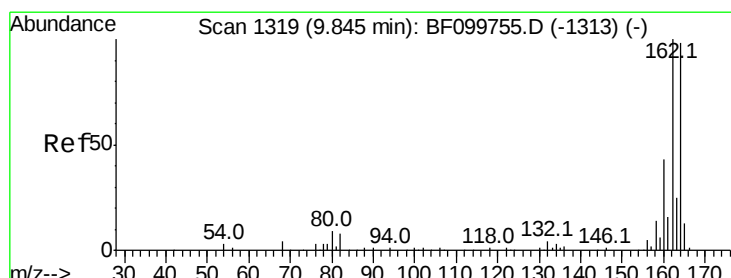
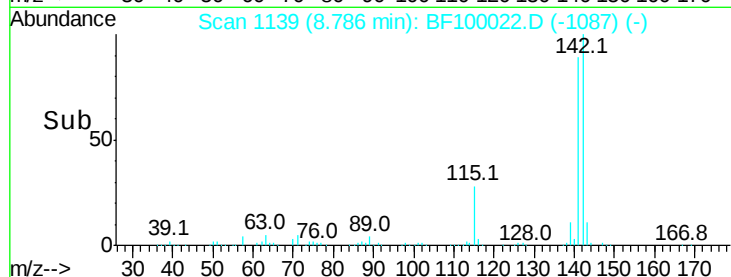
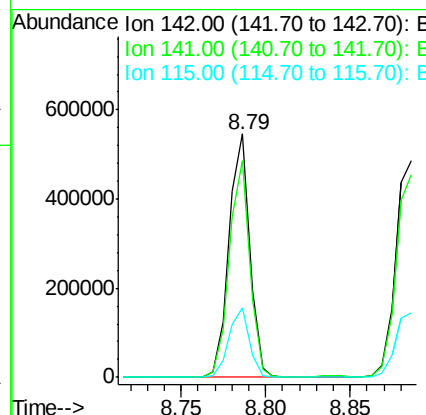
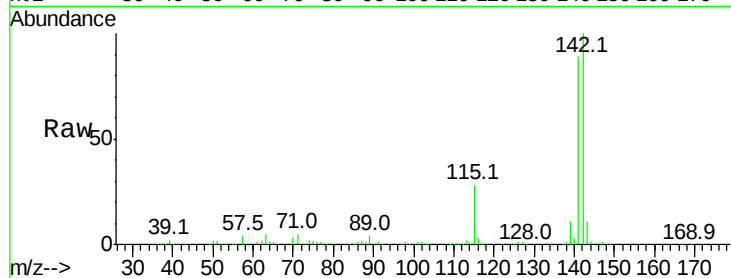
ClientSampleId :

Q4-COMP-FILLMSD

Tot Ion:	142	Resp:	468016
Ion Ratio	Lower	Upper	
142	100		
141	88.9	70.8	106.2
115	28.5	26.1	39.1

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#38

Acenaphthene-d10

Concen: 20.000 ng

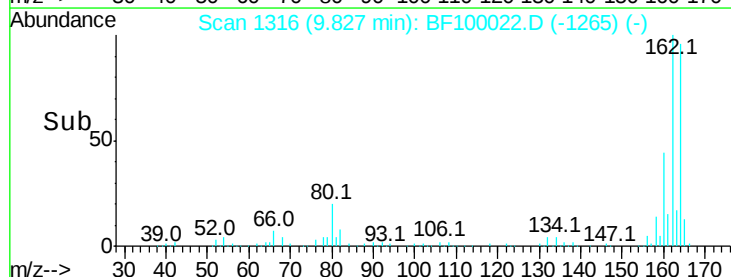
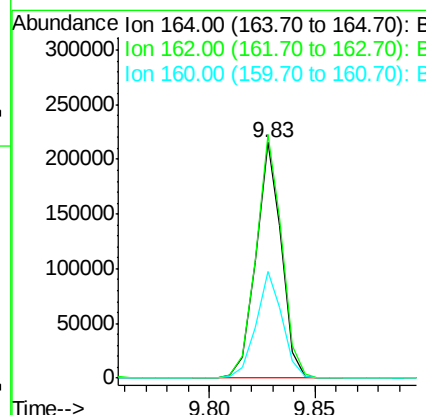
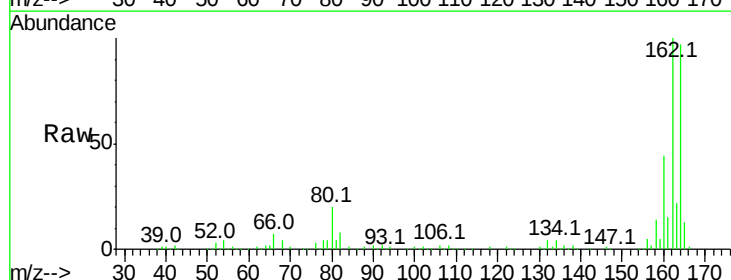
RT: 9.83 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BF100022.D

Acq: 31 Oct 2017 23:33

Tgt Ion:	164	Resp:	180064
Ion Ratio	Lower	Upper	
164	100		
162	103.2	86.1	129.1
160	45.4	38.3	57.5





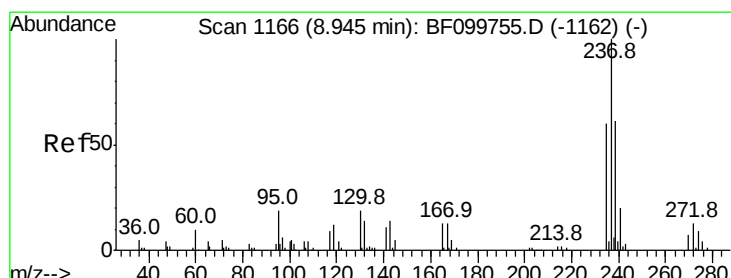
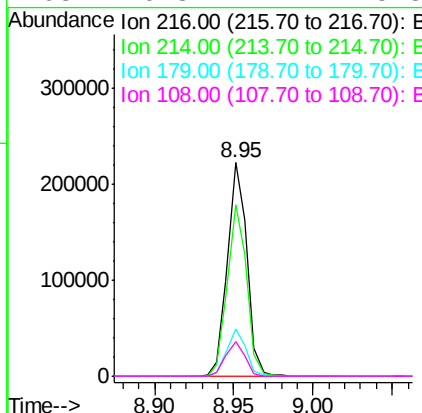
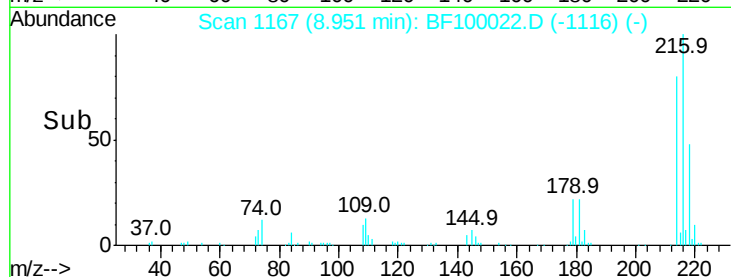
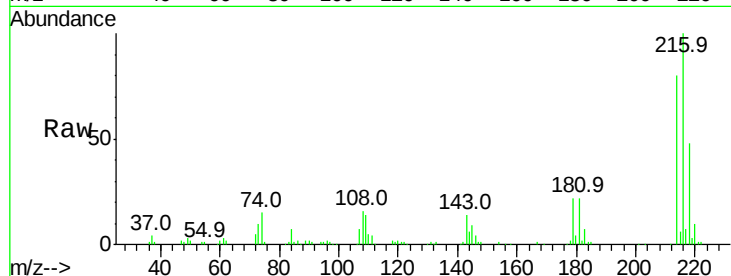
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.561 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. -0.00 min
 Lab File: BF100022.D
 Acq: 31 Oct 2017 23:33

Instrument :
 BNA_F
 ClientSampleId :
 Q4-COMP-FILLMSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.8	63.0	94.4
179	21.7	18.1	27.1
108	16.3	17.2	25.8#

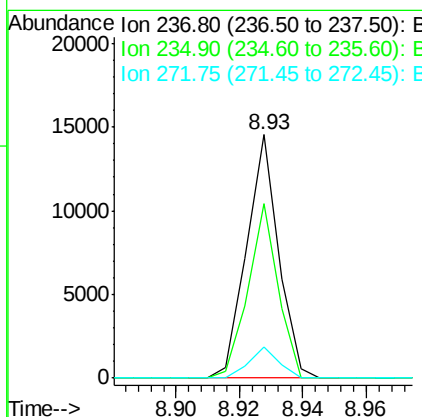
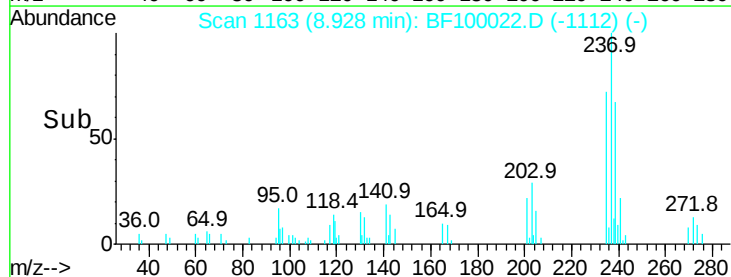
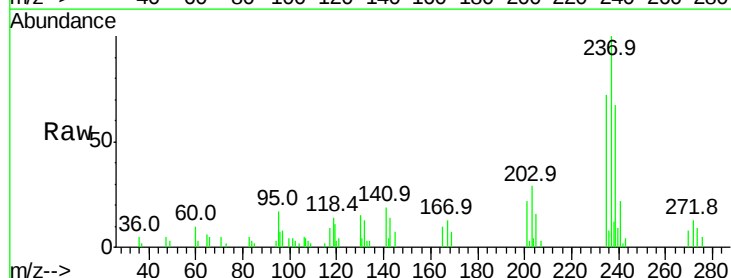
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#40
 Hexachlorocyclopentadiene
 Concen: 19.901 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BF100022.D
 Acq: 31 Oct 2017 23:33

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	71.6	44.8	84.8
272	12.6	0.0	33.3





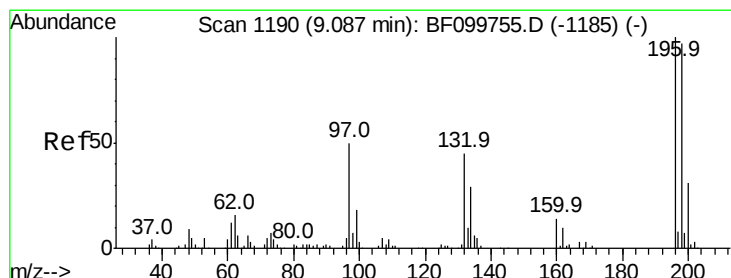
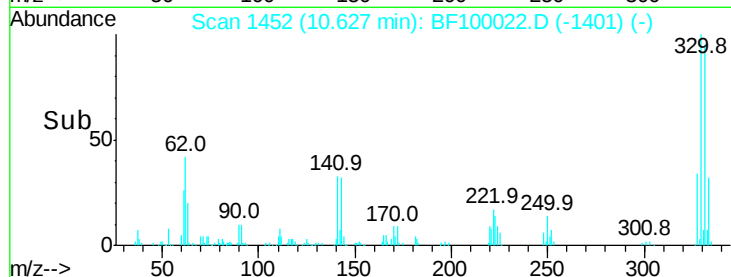
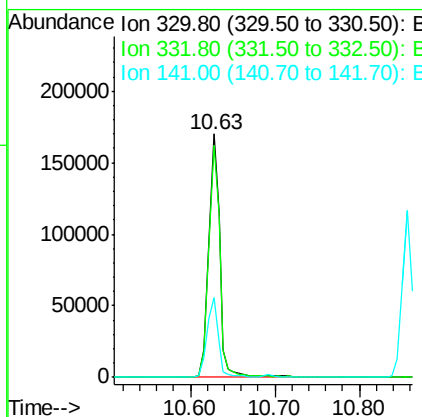
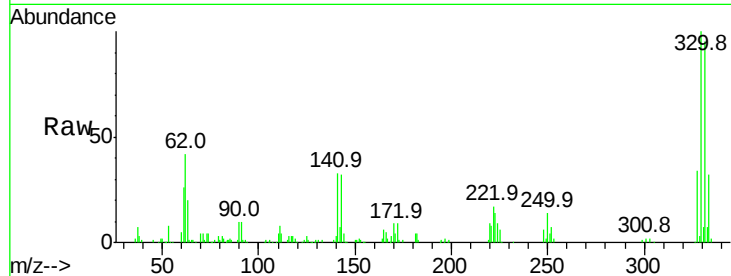
#41
 2,4,6-Tribromophenol
 Concen: 96.440 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.00 min
 Lab File: BF100022.D
 Acq: 31 Oct 2017 23:33

Instrument :
 BNA_F
 ClientSampleId :
 Q4-COMP-FILLMSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	158254		
332	95.1	77.0	115.6	
141	32.6	29.9	44.9	

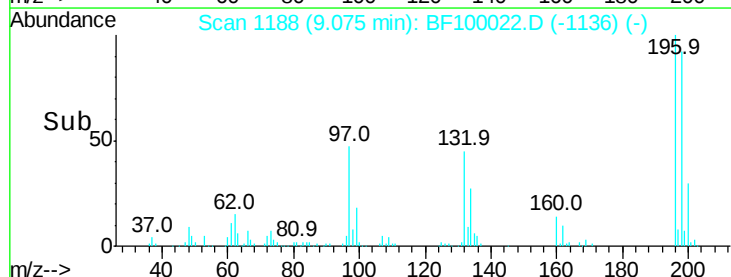
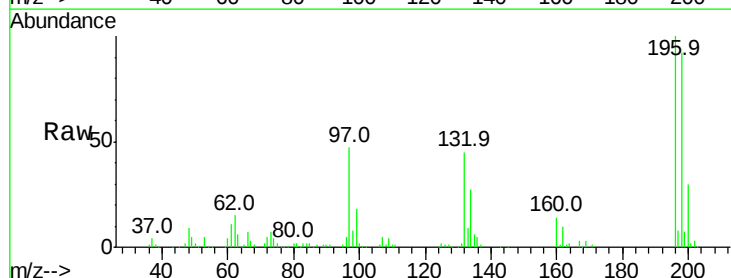
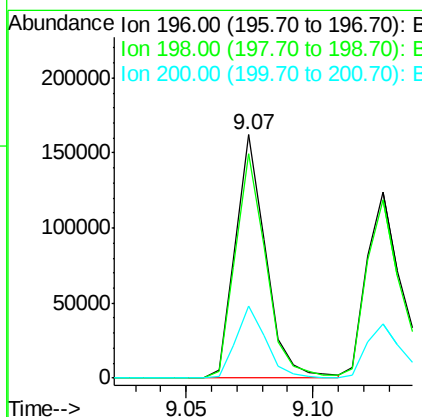
Manual Integrations
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 11/1/2017 2:38:00 PM



#42
 2,4,6-Trichlorophenol
 Concen: 38.181 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.01 min
 Lab File: BF100022.D
 Acq: 31 Oct 2017 23:33

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	134312		
198	92.2	75.7	113.5	
200	29.5	24.5	36.7	





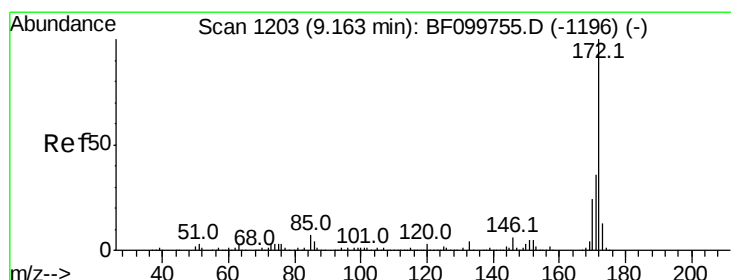
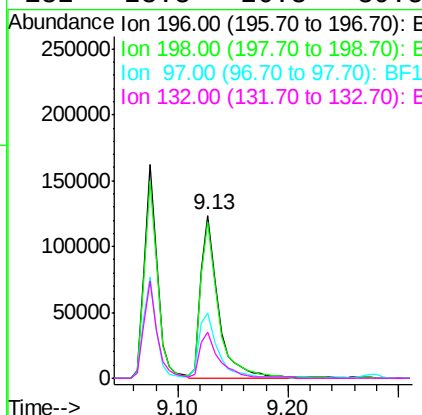
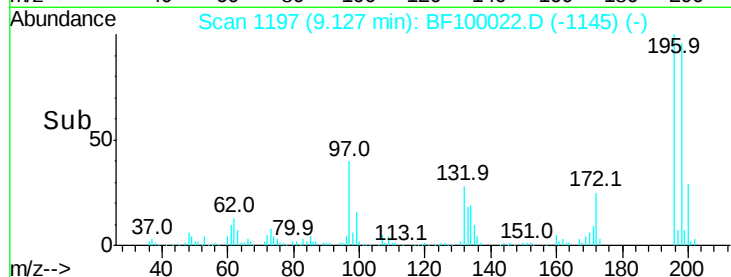
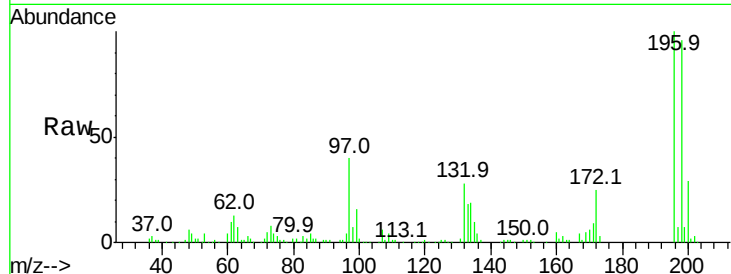
#43
2,4,5-Trichlorophenol
Concen: 35.608 ng
RT: 9.13 min Scan# 1197
Delta R.T. 0.01 min
Lab File: BF100022.D
Acq: 31 Oct 2017 23:33

Instrument :
BNA_F
ClientSampleId :
Q4-COMP-FILLMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	132923		
198	96.1	74.6	112.0	
97	40.0	42.9	64.3	
132	28.3	26.3	39.5	

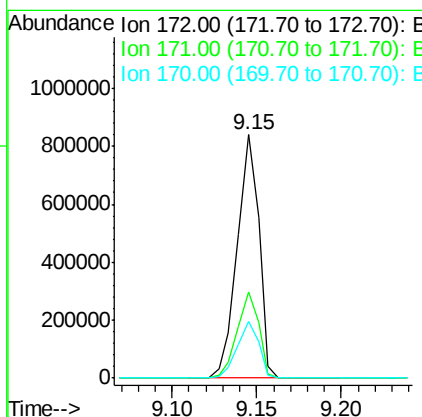
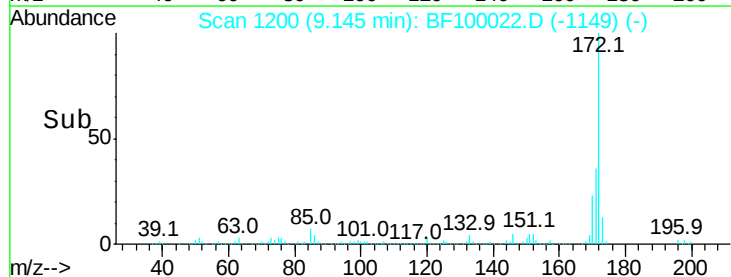
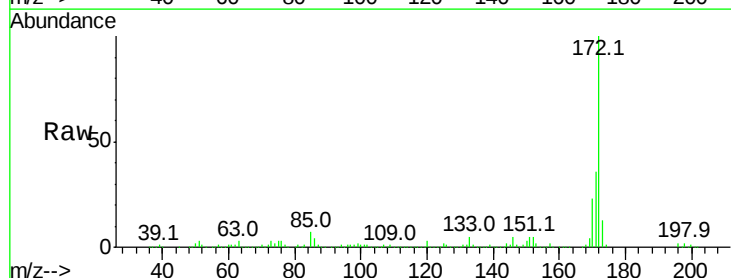
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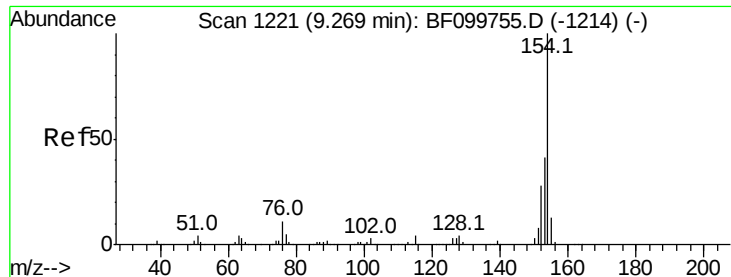
Sohil
11/1/2017 2:38:00 PM



#44
2-Fluorobiphenyl
Concen: 64.280 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BF100022.D
Acq: 31 Oct 2017 23:33

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	750204		
171	35.6	29.7	44.5	
170	23.2	19.6	29.4	





#45

1,1'-Biphenyl

Concen: 33.031 ng

RT: 9.25 min Scan# 1218

Delta R.T. 0.01 min

Lab File: BF100022.D

Acq: 31 Oct 2017 23:33

Instrument :

BNA_F

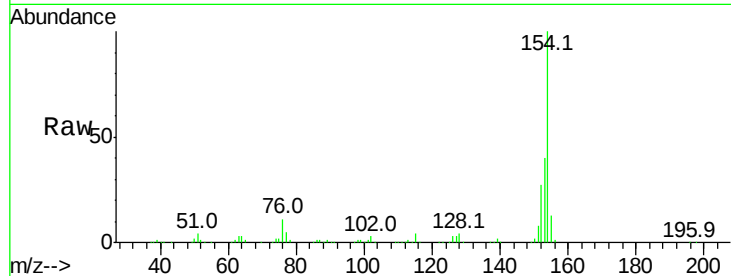
ClientSampleId :

Q4-COMP-FILLMSD

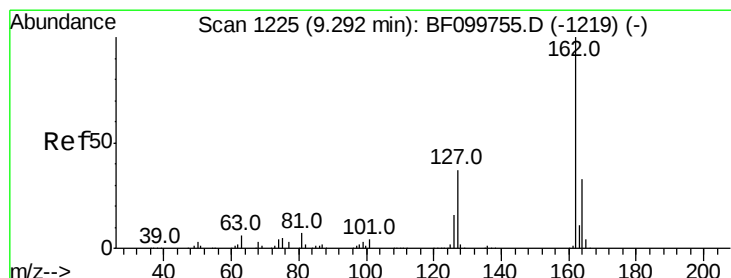
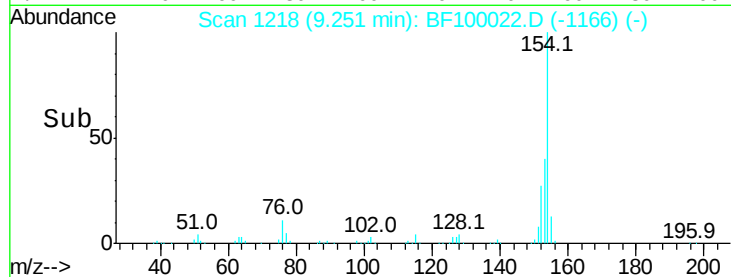
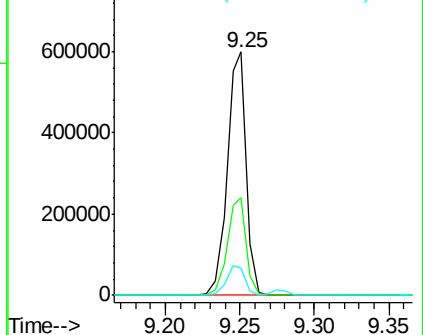
Tot Ion:	154	Resp:	538062
Ion Ratio	Lower	Upper	
154	100		
153	40.2	21.3	61.3
76	11.3	0.0	34.0

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



#46

2-Chloronaphthalene

Concen: 35.170 ng

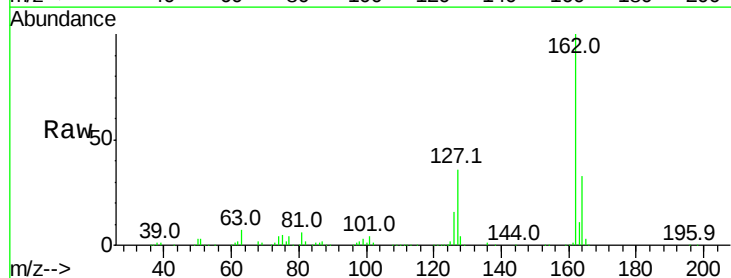
RT: 9.28 min Scan# 1223

Delta R.T. 0.01 min

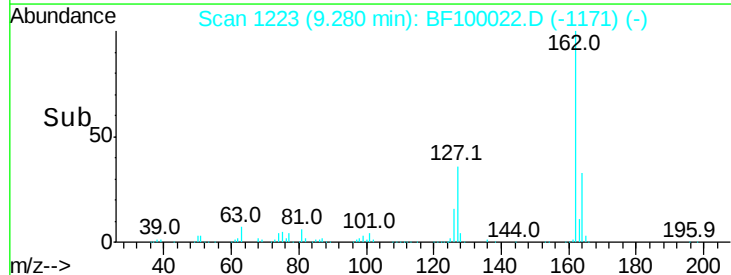
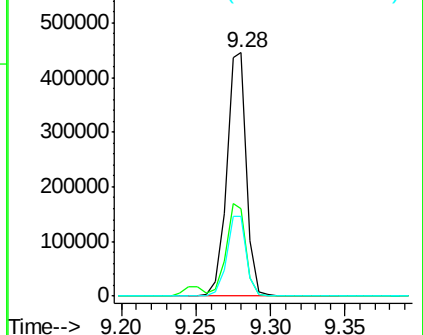
Lab File: BF100022.D

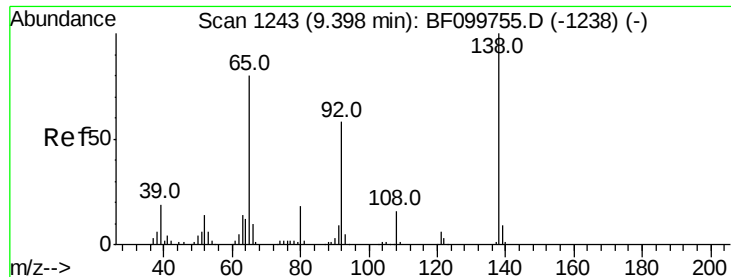
Acq: 31 Oct 2017 23:33

Tgt Ion:	162	Resp:	416057
Ion Ratio	Lower	Upper	
162	100		
127	36.0	33.9	50.9
164	32.7	26.5	39.7



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





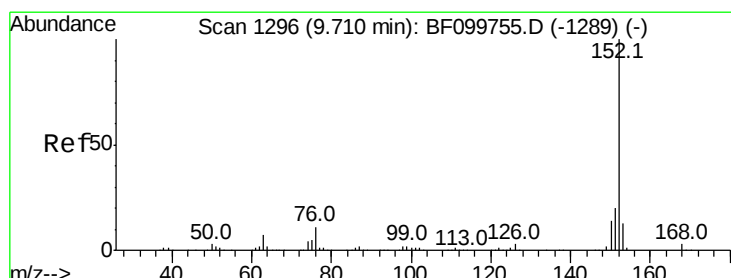
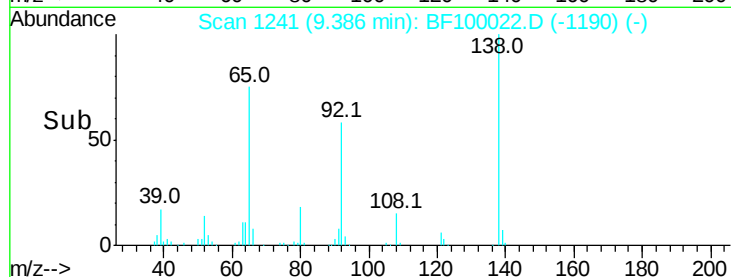
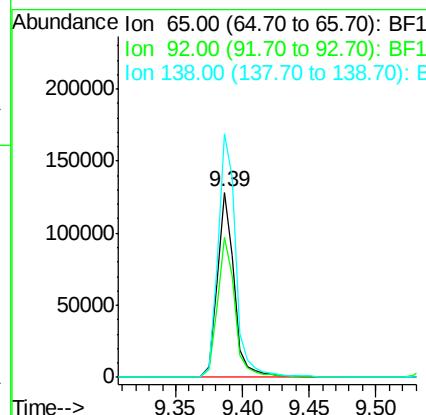
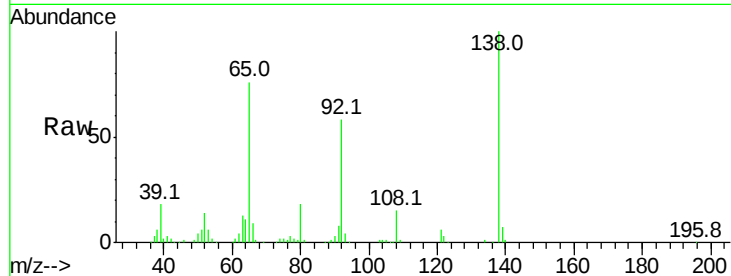
#47
2-Nitroaniline
Concen: 37.080 ng
RT: 9.39 min Scan# 1241
Delta R.T. -0.00 min
Lab File: BF100022.D
Acq: 31 Oct 2017 23:33

Instrument :
BNA_F
ClientSampleId :
Q4-COMP-FILLMSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	75.7	55.8	83.6
138	131.5	91.2	136.8

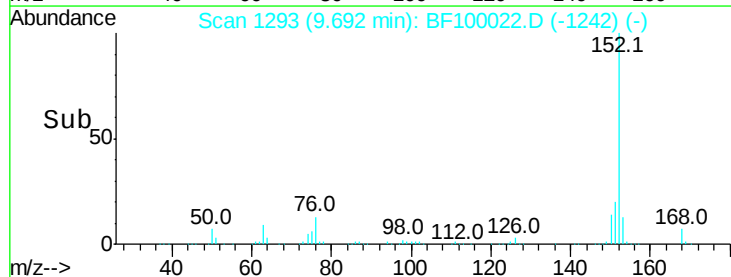
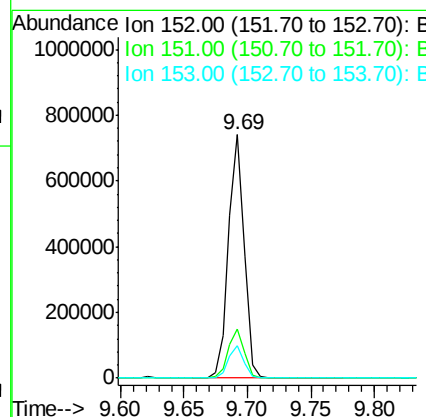
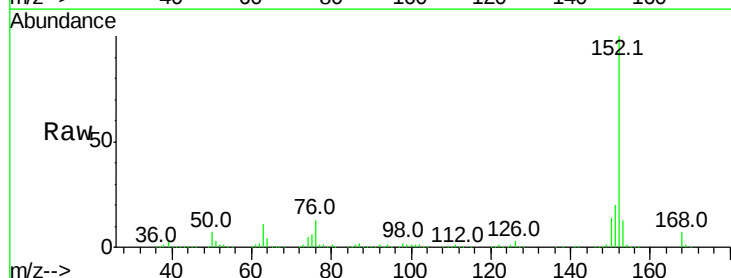
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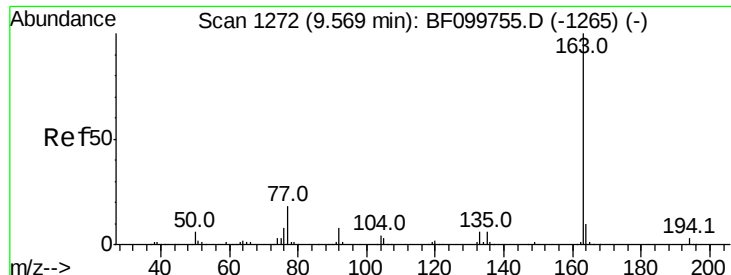
Sohil
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#48
Acenaphthylene
Concen: 35.072 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BF100022.D
Acq: 31 Oct 2017 23:33

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.3	24.5
153	13.1	10.7	16.1





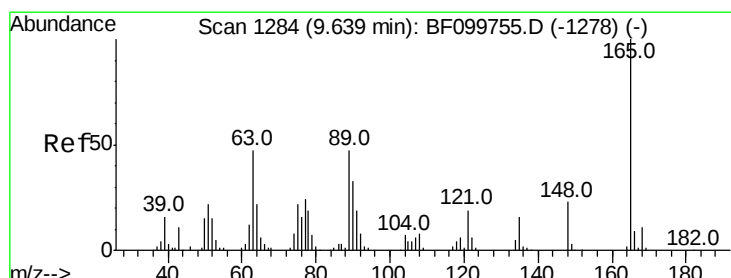
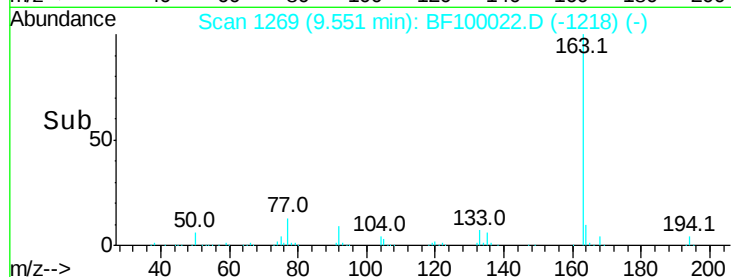
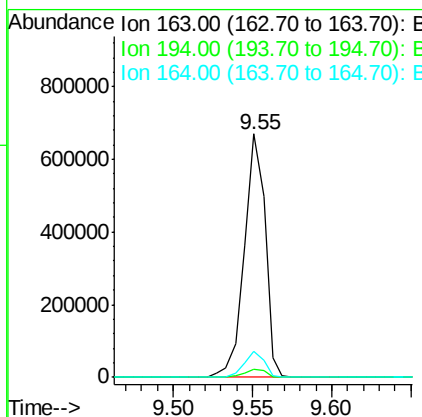
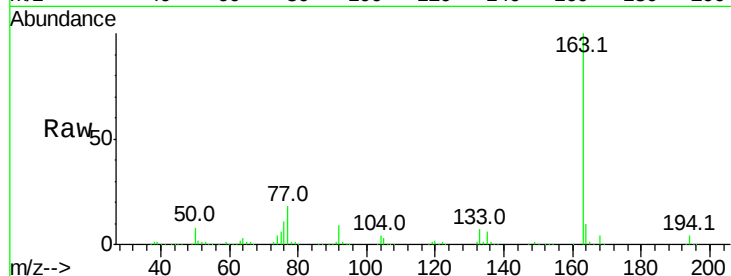
#49
 Dimethylphthalate
 Concen: 42.807 ng
 RT: 9.55 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: BF100022.D
 Acq: 31 Oct 2017 23:33

Instrument :
 BNA_F
 ClientSampleId :
 Q4-COMP-FILLMSD

Tot Ion:	163	Resp:	610411
Ion Ratio	Lower	Upper	
163	100		
194	3.5	2.7	4.1
164	10.5	8.2	12.2

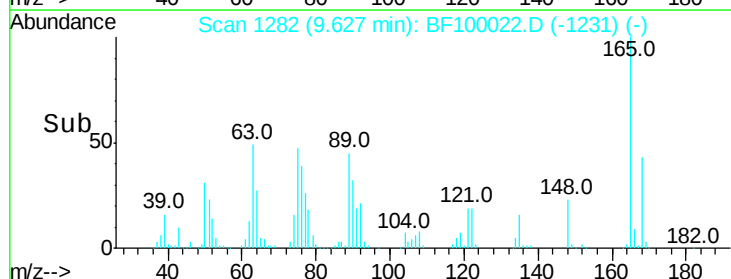
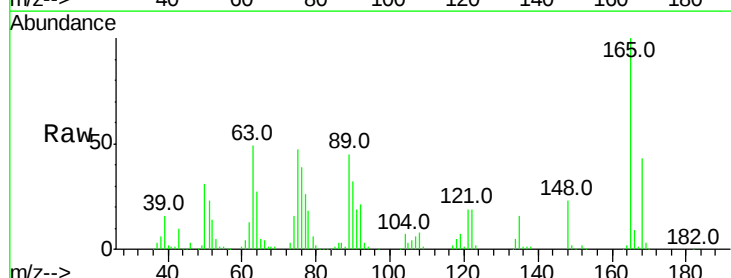
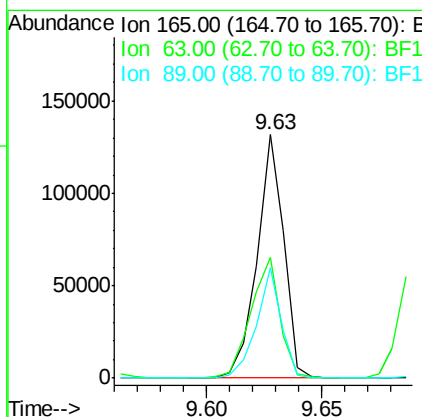
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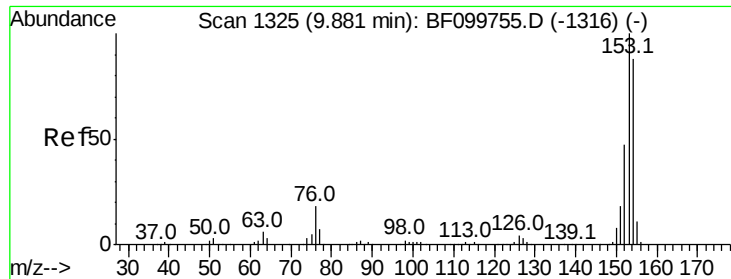
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#50
 2,6-Dinitrotoluene
 Concen: 35.487 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. -0.00 min
 Lab File: BF100022.D
 Acq: 31 Oct 2017 23:33

Tgt Ion:	165	Resp:	106380
Ion Ratio	Lower	Upper	
165	100		
63	49.5	44.7	67.1
89	45.2	44.0	66.0





#51

Acenaphthene

Concen: 33.802 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BF100022.D

Acq: 31 Oct 2017 23:33

Instrument :

BNA_F

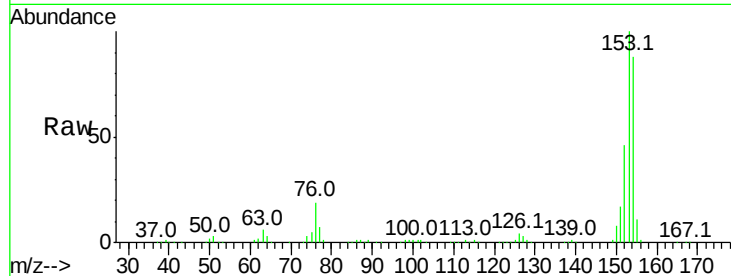
ClientSampleId :

Q4-COMP-FILLMSD

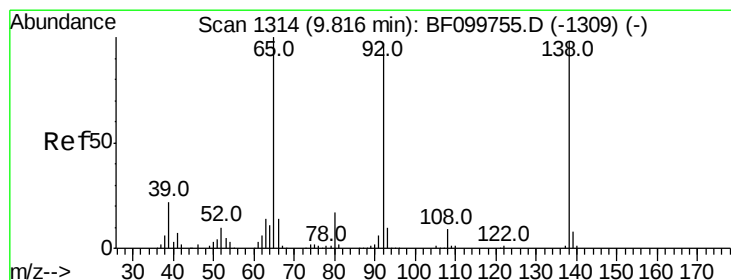
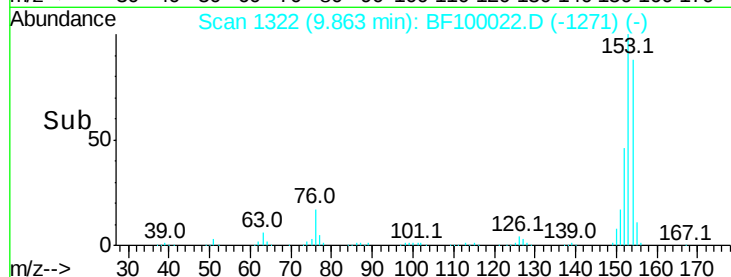
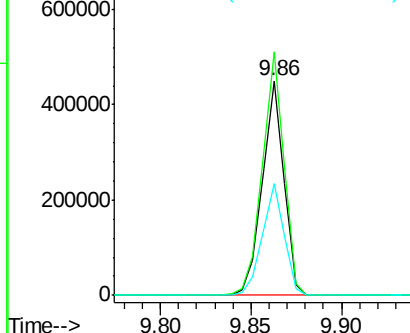
Tot Ion:	154	Resp:	376318
Ion Ratio	Lower	Upper	
154	100		
153	113.6	91.2	136.8
152	52.4	43.8	65.8

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 31.473 ng

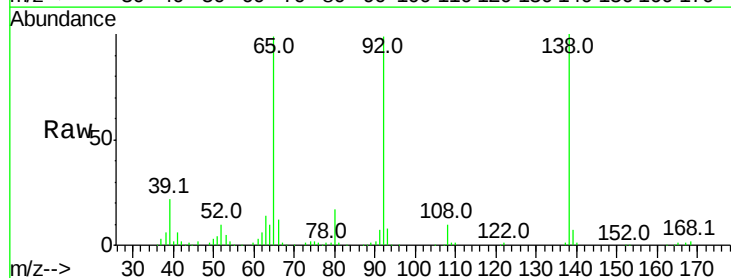
RT: 9.80 min Scan# 1312

Delta R.T. -0.00 min

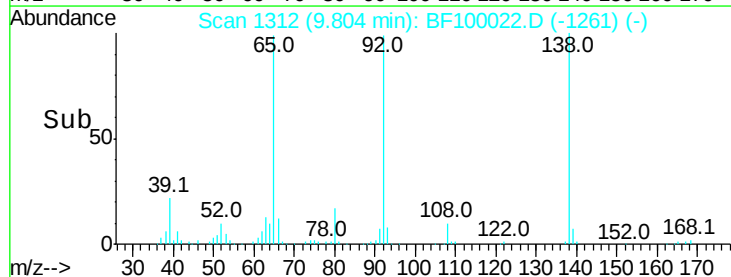
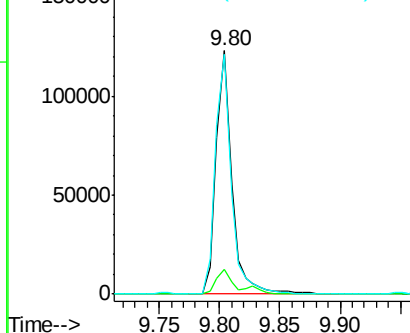
Lab File: BF100022.D

Acq: 31 Oct 2017 23:33

Tgt Ion:	138	Resp:	111169
Ion Ratio	Lower	Upper	
138	100		
108	10.2	9.4	14.0
92	98.7	89.4	134.2



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1





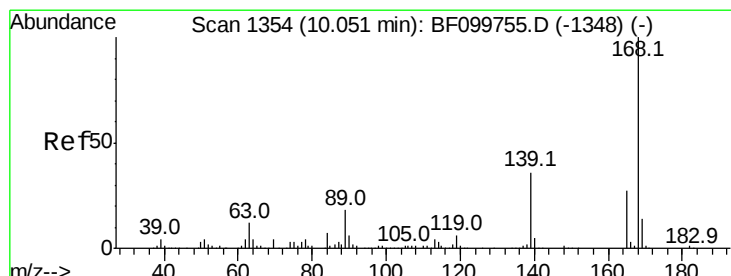
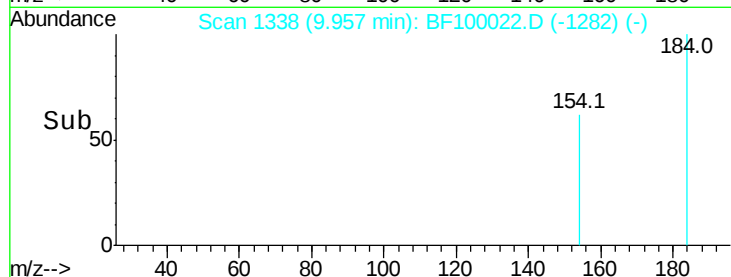
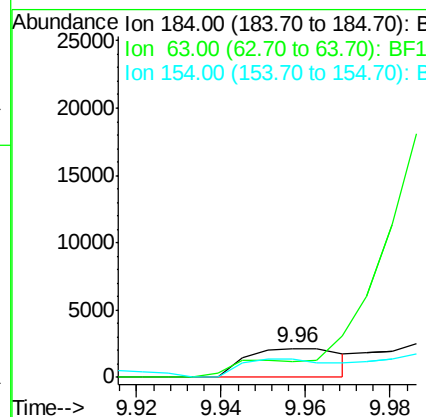
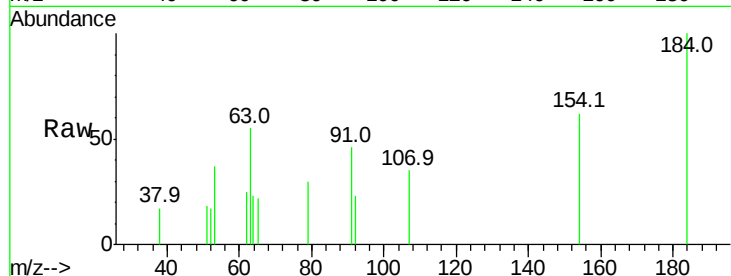
#53
 2,4-Dinitrophenol
 Concen: 8.385 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. 0.03 min
 Lab File: BF100022.D
 Acq: 31 Oct 2017 23:33

Instrument :
 BNA_F
 ClientSampleId :
 Q4-COMP-FILLMSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	54.9	54.2	81.2	
154	62.3	53.5	80.3	

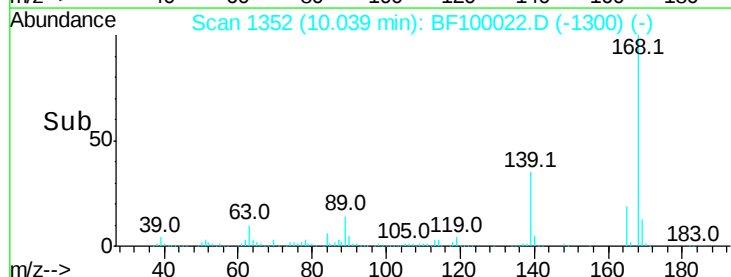
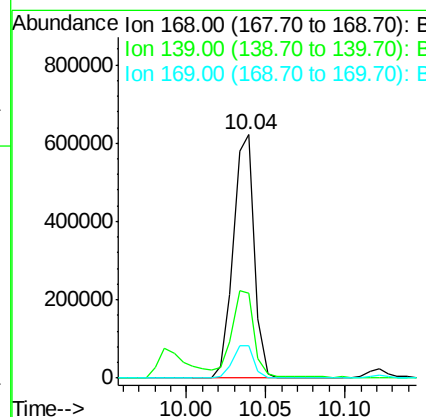
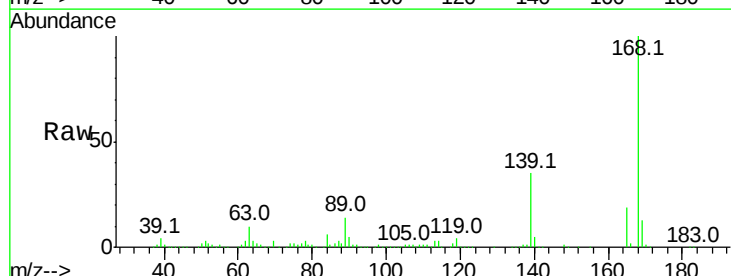
Manual Integrations
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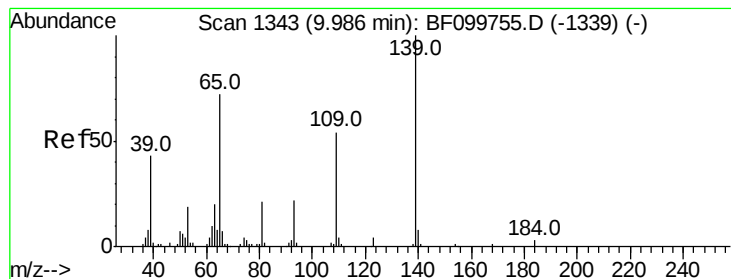
Sohil
 11/1/2017 2:38:00 PM



#54
 Dibenzofuran
 Concen: 36.364 ng
 RT: 10.04 min Scan# 1352
 Delta R.T. 0.01 min
 Lab File: BF100022.D
 Acq: 31 Oct 2017 23:33

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	34.7	30.1	45.1	
169	13.4	10.9	16.3	





#55

4-Nitrophenol

Concen: 54.291 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.00 min

Lab File: BF100022.D

Acq: 31 Oct 2017 23:33

Instrument :

BNA_F

ClientSampleId :

Q4-COMP-FILLMSD

Tot Ion:139 Resp: 100197

Ion Ratio Lower Upper

139 100

109 54.6 48.4 88.4

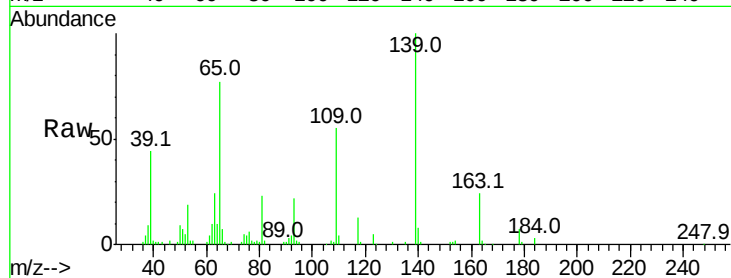
65 76.7 72.6 112.6

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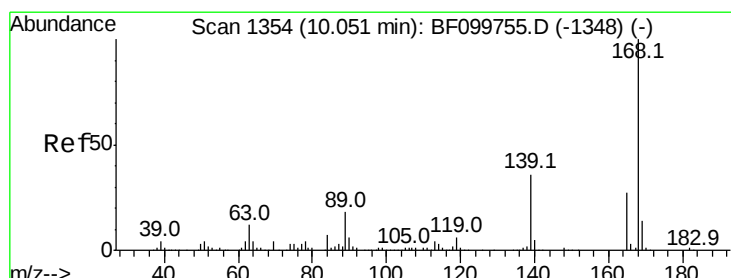
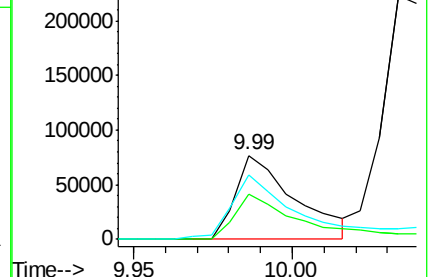
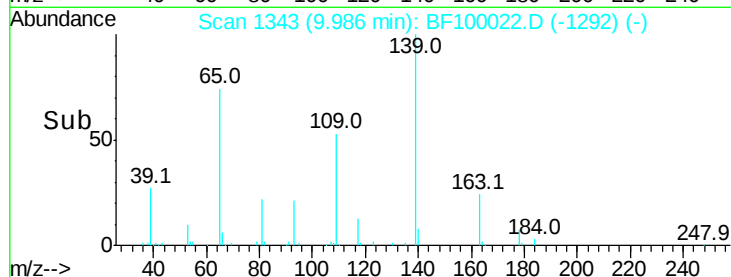
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Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 36.368 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.01 min

Lab File: BF100022.D

Acq: 31 Oct 2017 23:33

Tgt Ion:165 Resp: 131293

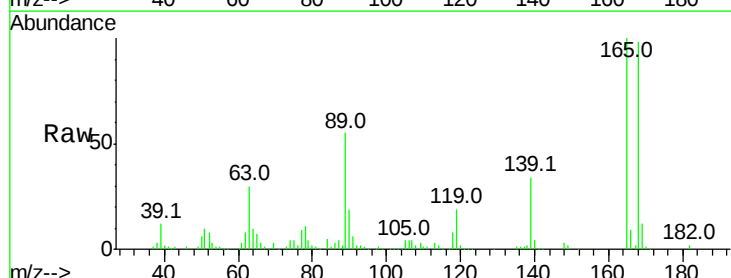
Ion Ratio Lower Upper

165 100

63 29.9 36.4 54.6#

89 55.2 57.8 86.6#

182 2.4 1.6 2.4

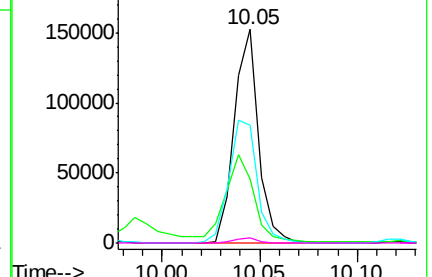
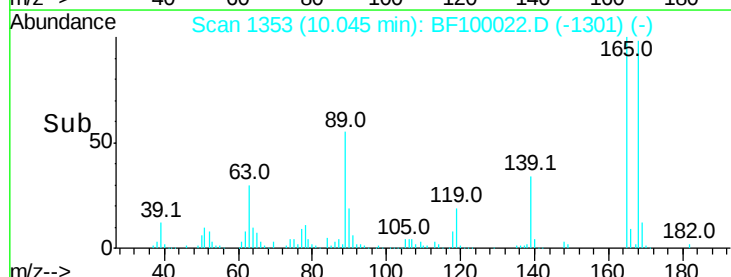


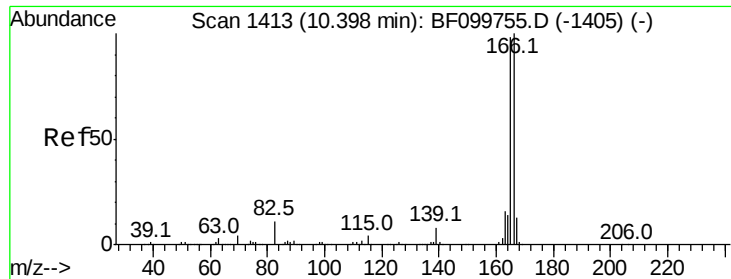
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 35.848 ng

RT: 10.38 min Scan# 1410

Delta R.T. -0.00 min

Lab File: BF100022.D

Acq: 31 Oct 2017 23:33

Instrument :

BNA_F

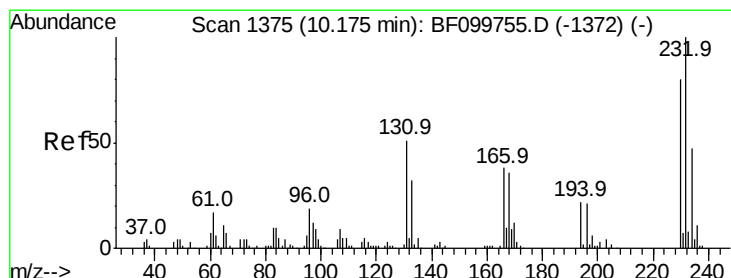
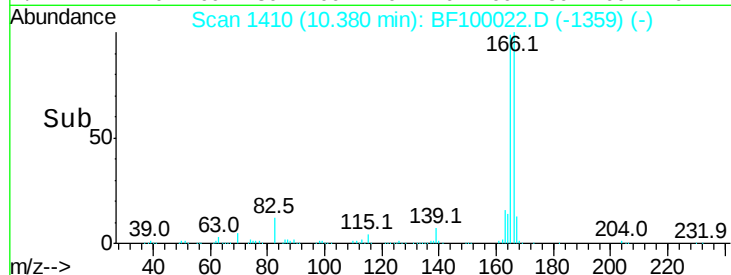
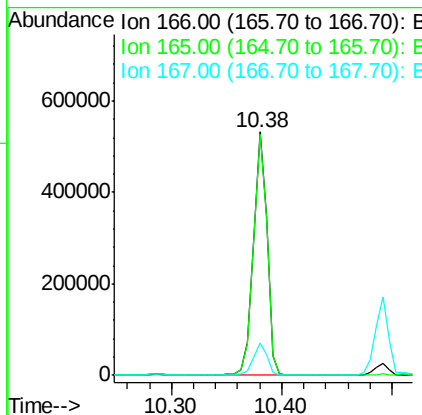
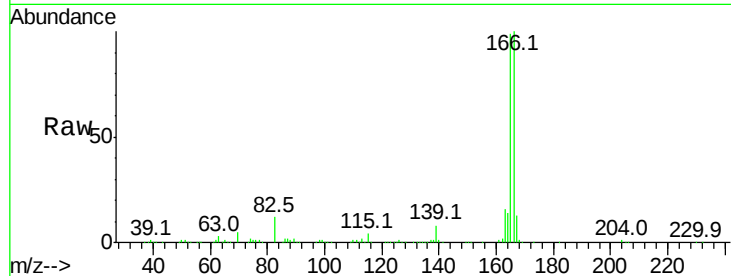
ClientSampleId :

Q4-COMP-FILLMSD

Tot Ion:	166	Resp:	466450
Ion Ratio	Lower	Upper	
166	100		
165	98.8	79.8	119.8
167	13.2	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 37.734 ng

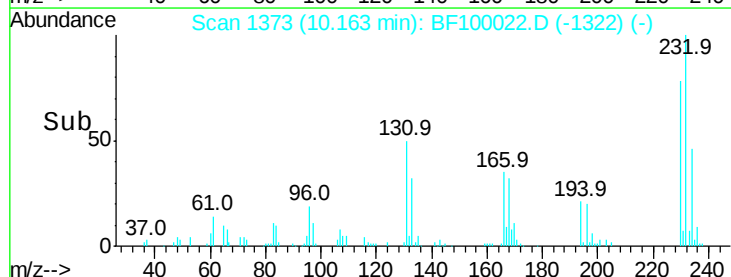
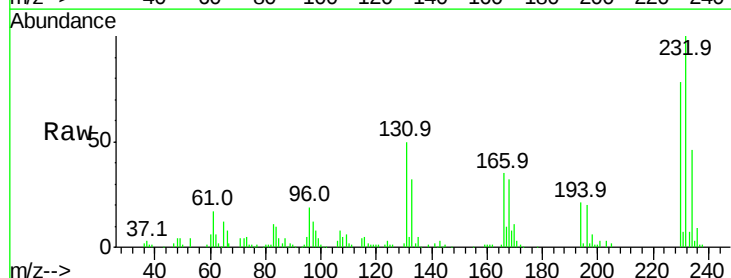
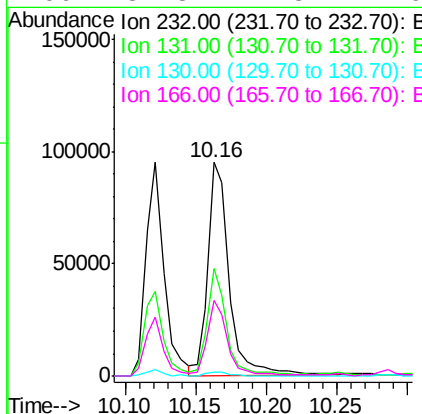
RT: 10.16 min Scan# 1373

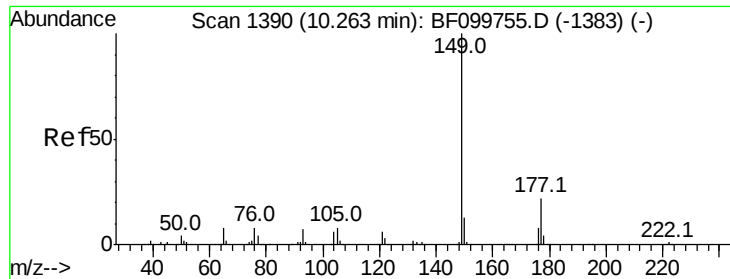
Delta R.T. -0.00 min

Lab File: BF100022.D

Acq: 31 Oct 2017 23:33

Tgt Ion:	232	Resp:	98762
Ion Ratio	Lower	Upper	
232	100		
131	44.5	43.8	65.8
130	2.1	2.1	3.1
166	32.8	27.8	41.6





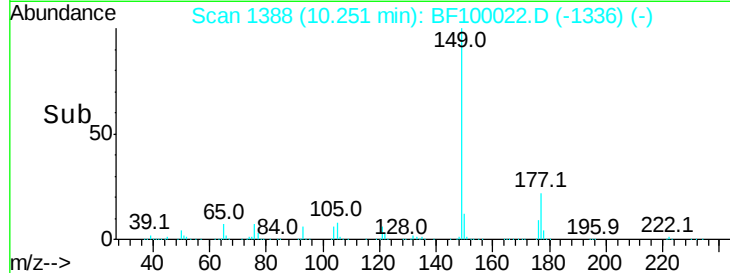
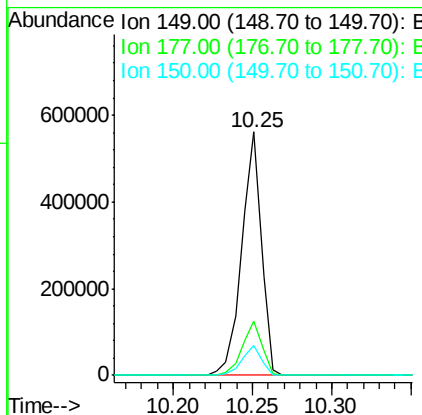
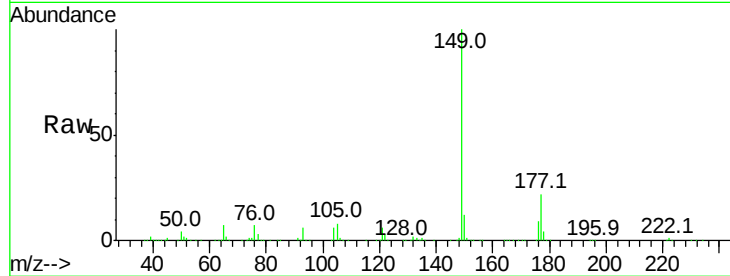
#59
Diethylphthalate
Concen: 34.523 ng
RT: 10.25 min Scan# 1388
Delta R.T. 0.01 min
Lab File: BF100022.D
Acq: 31 Oct 2017 23:33

Instrument :
BNA_F
ClientSampleId :
Q4-COMP-FILLMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	480742		
177	22.4		16.1	24.1
150	12.5		10.1	15.1

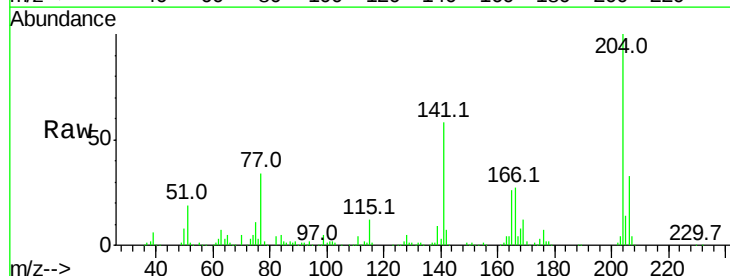
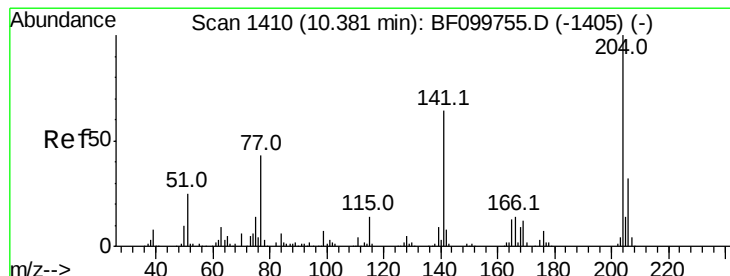
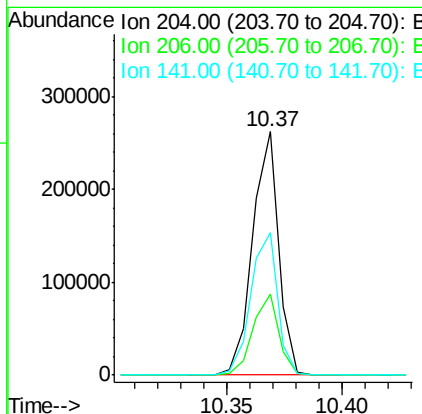
Manual Integrations
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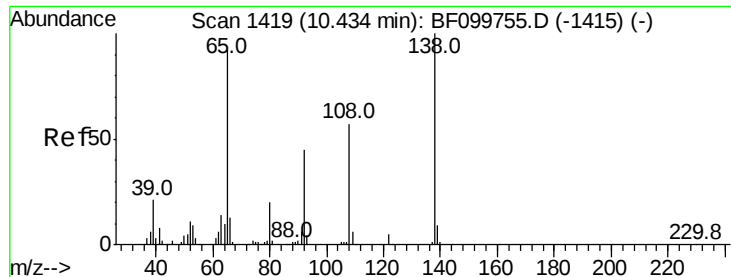
Sohil
11/1/2017 2:38:00 PM



#60
4-Chlorophenyl-phenylether
Concen: 33.813 ng
RT: 10.37 min Scan# 1408
Delta R.T. 0.01 min
Lab File: BF100022.D
Acq: 31 Oct 2017 23:33

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	207064		
206	33.0		26.5	39.7
141	58.4		54.6	81.8





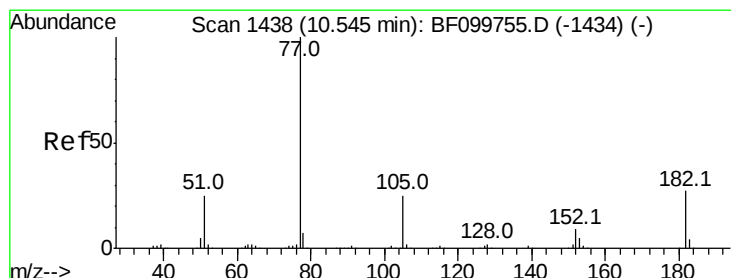
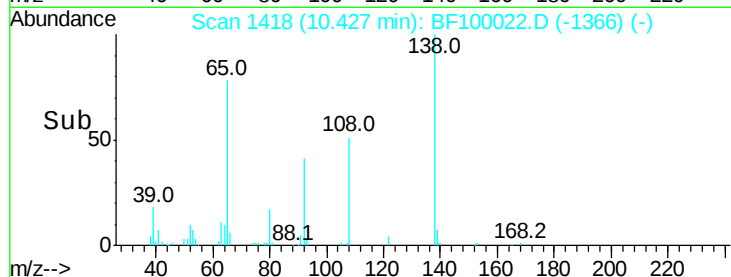
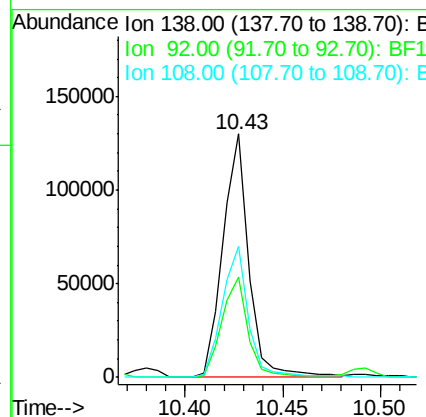
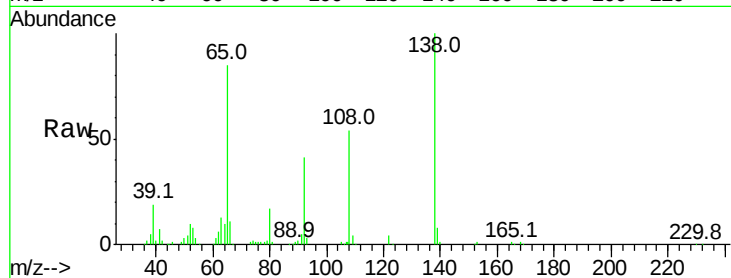
#61
4-Nitroaniline
Concen: 35.580 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF100022.D
Acq: 31 Oct 2017 23:33

Instrument :
BNA_F
ClientSampleId :
Q4-COMP-FILLMSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	41.3	30.2	70.2
108	53.6	52.5	92.5

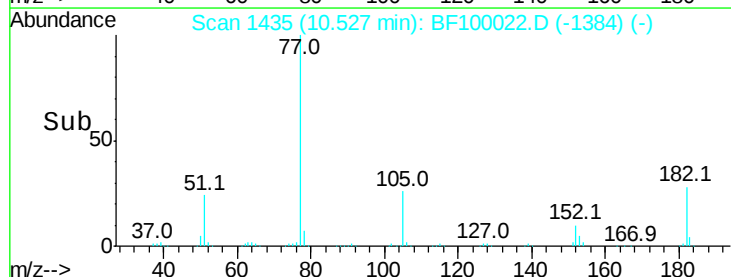
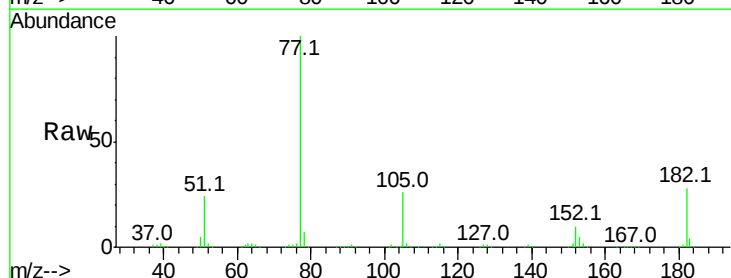
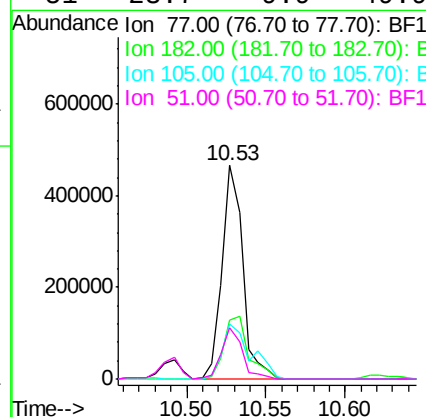
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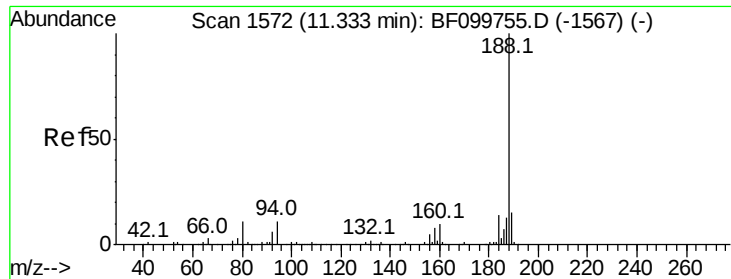
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#62
Azobenzene
Concen: 36.208 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BF100022.D
Acq: 31 Oct 2017 23:33

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.6	1.7	41.7
105	25.7	3.0	43.0
51	23.7	9.9	49.9





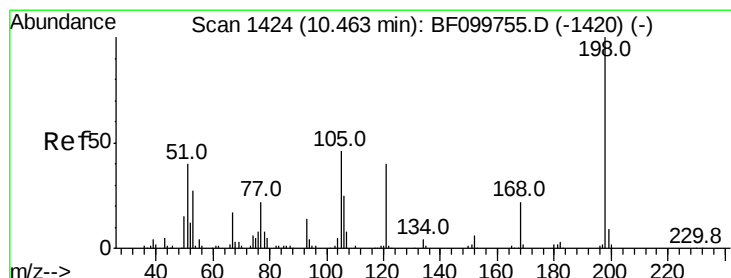
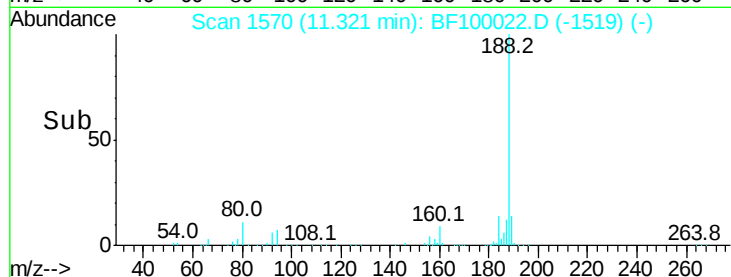
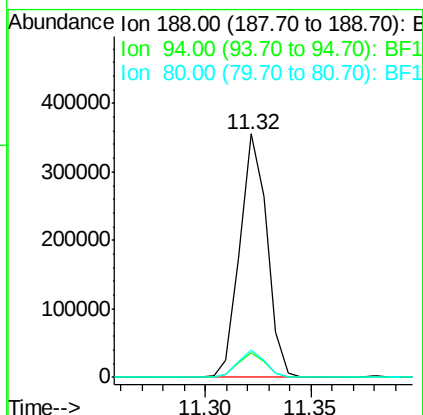
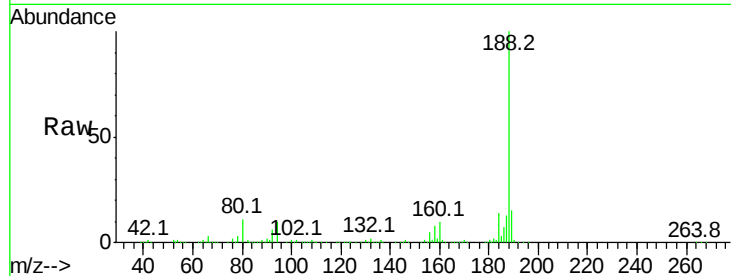
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF100022.D
Acq: 31 Oct 2017 23:33

Instrument :
BNA_F
ClientSampleId :
Q4-COMP-FILLMSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.4	8.5	12.7	
80	11.3	9.2	13.8	

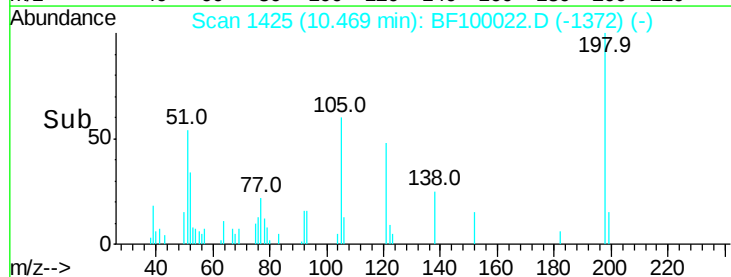
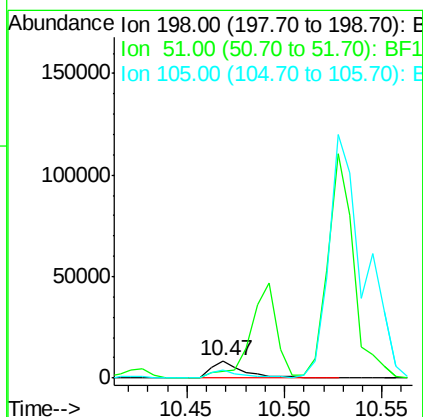
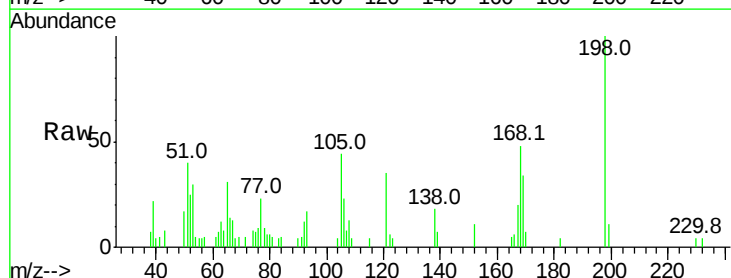
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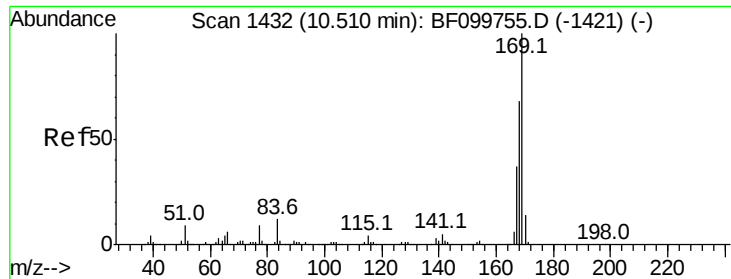
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#64
4,6-Dinitro-2-methylphenol
Concen: 4.679 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF100022.D
Acq: 31 Oct 2017 23:33

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	39.6	37.7	77.7	
105	43.8	36.3	76.3	





#65

n-Nitrosodiphenylamine

Concen: 34.496 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.00 min

Lab File: BF100022.D

Acq: 31 Oct 2017 23:33

Instrument :

BNA_F

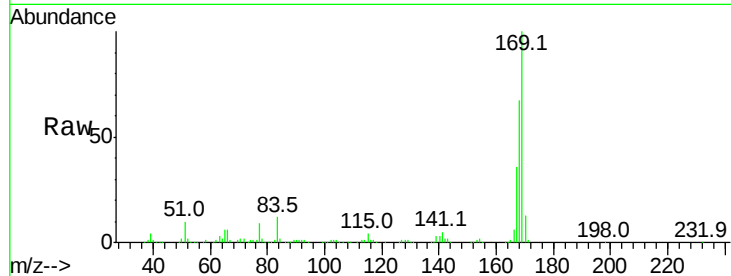
ClientSampleId :

Q4-COMP-FILLMSD

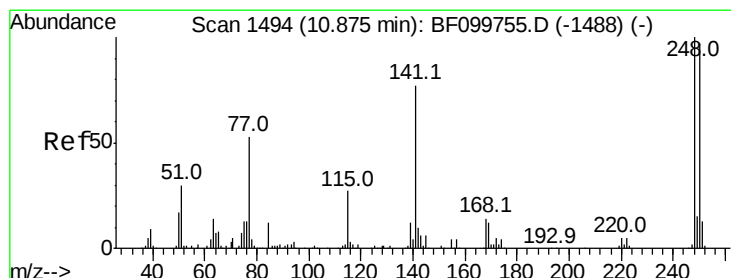
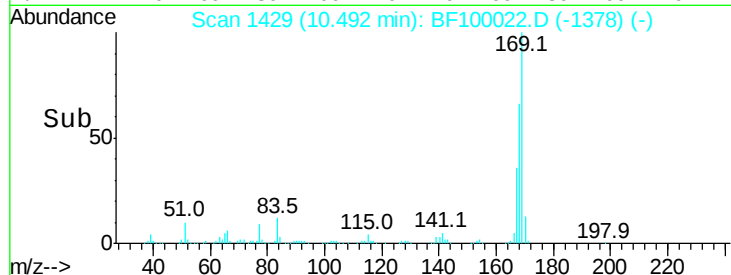
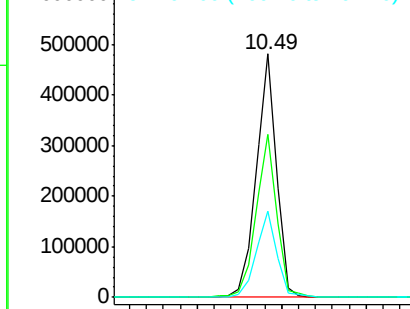
Tot Ion:	169	Resp:	402509
Ion Ratio	Lower	Upper	
169	100		
168	66.8	54.4	81.6
167	35.6	29.8	44.6

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



#66

4-Bromophenyl-phenylether

Concen: 36.543 ng

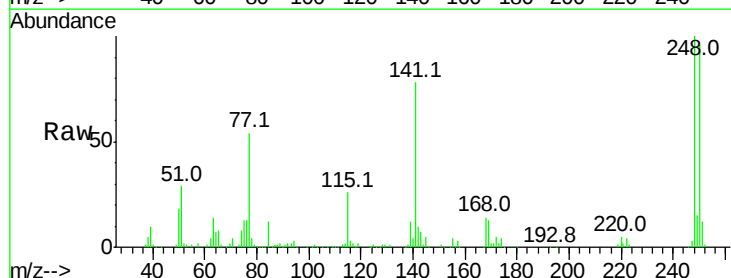
RT: 10.86 min Scan# 1491

Delta R.T. -0.00 min

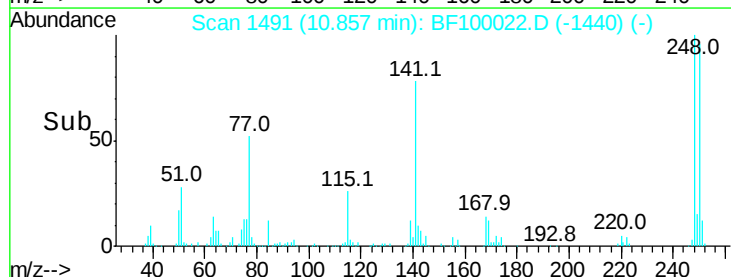
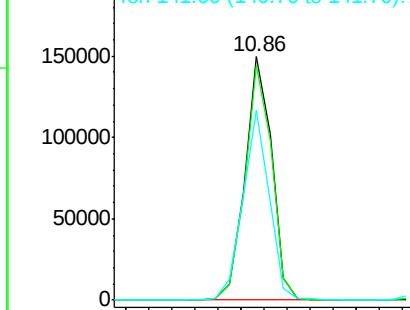
Lab File: BF100022.D

Acq: 31 Oct 2017 23:33

Tgt Ion:	248	Resp:	121602
Ion Ratio	Lower	Upper	
248	100		
250	96.5	76.9	115.3
141	77.9	74.4	111.6



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 34.954 ng

RT: 10.93 min Scan# 1504

Delta R.T. -0.00 min

Lab File: BF100022.D

Acq: 31 Oct 2017 23:33

Instrument :

BNA_F

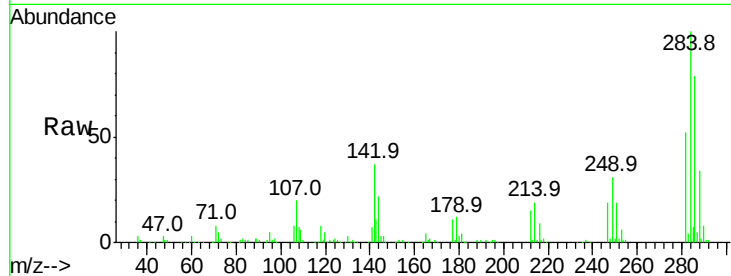
ClientSampleId :

Q4-COMP-FILLMSD

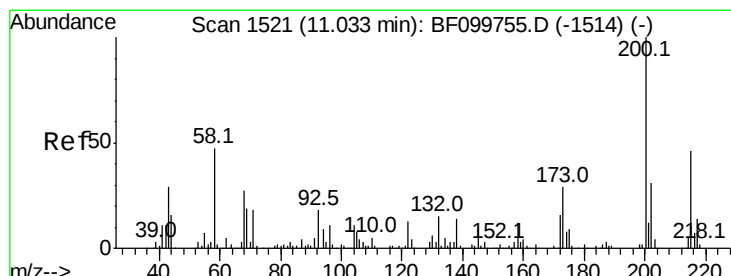
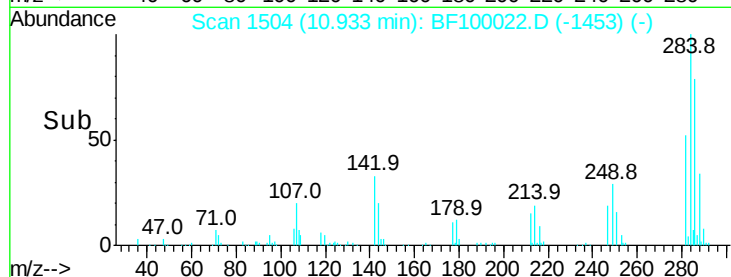
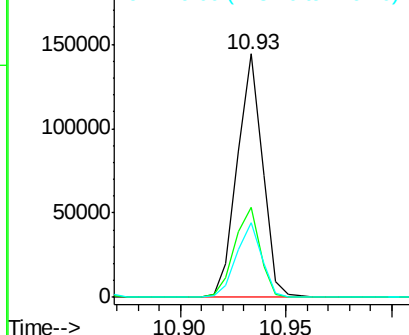
Tot Ion:	284	Resp:	118996
Ion Ratio		Lower	Upper
284	100		
142	36.8	34.6	52.0
249	30.7	24.8	37.2

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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: 35.871 ng

RT: 11.02 min Scan# 1519

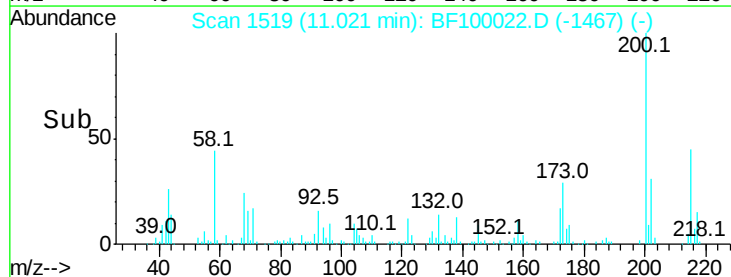
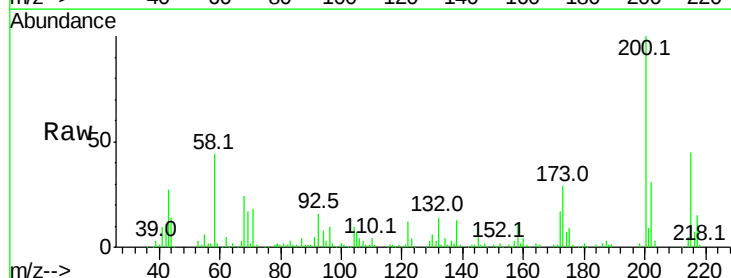
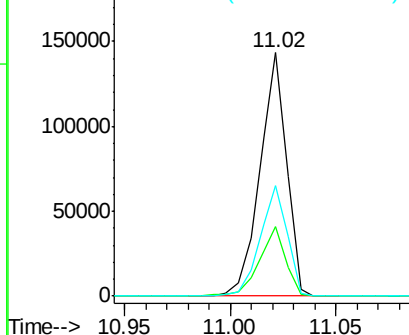
Delta R.T. 0.01 min

Lab File: BF100022.D

Acq: 31 Oct 2017 23:33

Tgt Ion:	200	Resp:	125726
Ion Ratio		Lower	Upper
200	100		
173	28.7	8.6	48.6
215	45.2	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: 51.521 ng

RT: 11.14 min Scan# 1539

Delta R.T. -0.00 min

Lab File: BF100022.D

Acq: 31 Oct 2017 23:33

Instrument :

BNA_F

ClientSampleId :

Q4-COMP-FILLMSD

Tot Ion:266 Resp: 74946

Ion Ratio Lower Upper

266 100

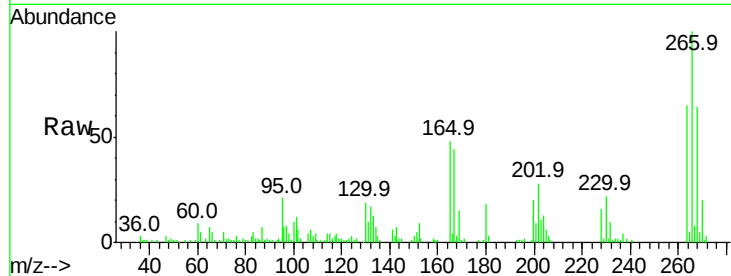
268 63.8 51.1 76.7

264 64.6 49.5 74.3

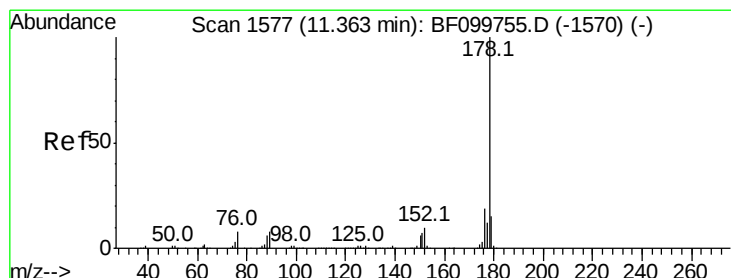
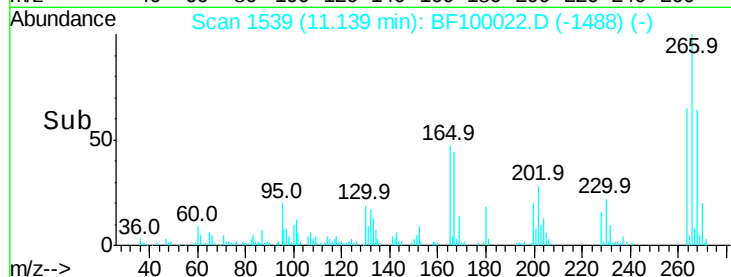
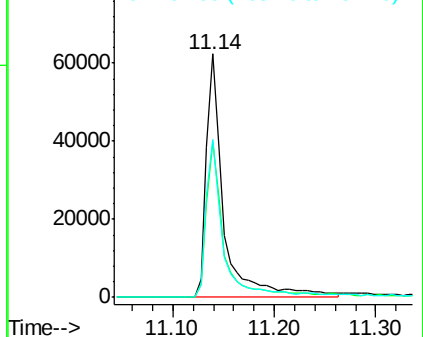
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Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 45.099 ng

RT: 11.35 min Scan# 1575

Delta R.T. 0.01 min

Lab File: BF100022.D

Acq: 31 Oct 2017 23:33

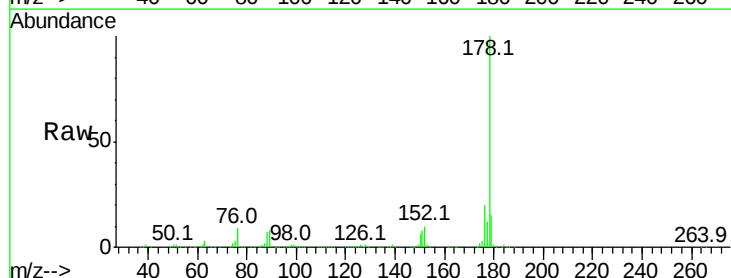
Tgt Ion:178 Resp: 804480

Ion Ratio Lower Upper

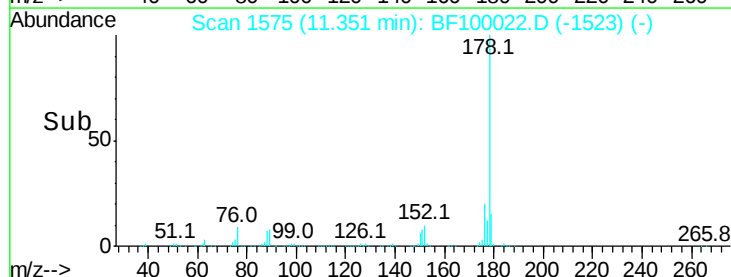
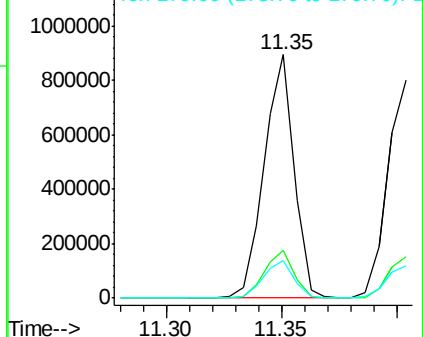
178 100

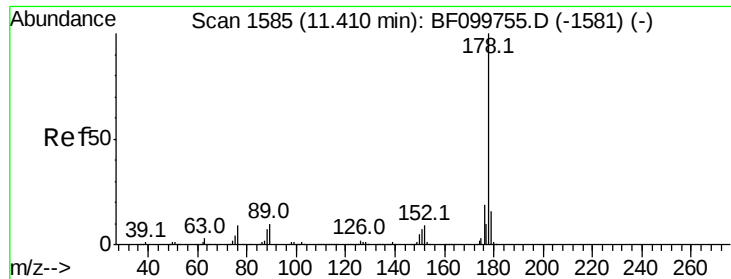
176 19.7 15.8 23.8

179 15.4 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





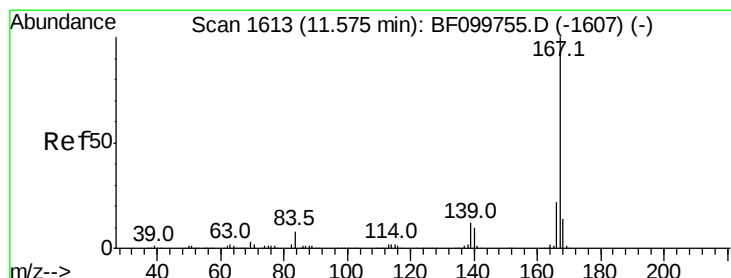
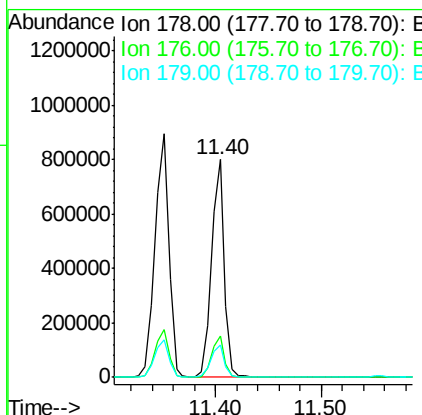
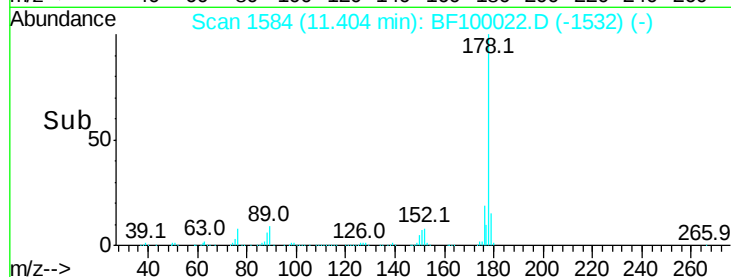
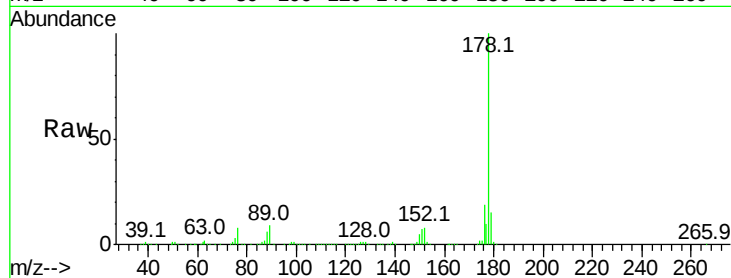
#71
 Anthracene
 Concen: 37.747 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.01 min
 Lab File: BF100022.D
 Acq: 31 Oct 2017 23:33

Instrument :
 BNA_F
 ClientSampleId :
 Q4-COMP-FILLMSD

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

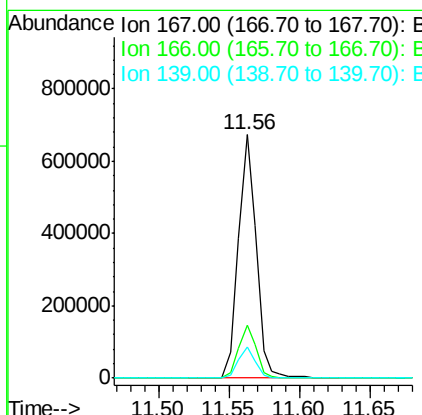
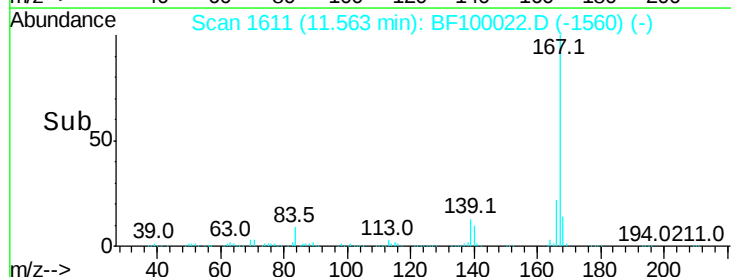
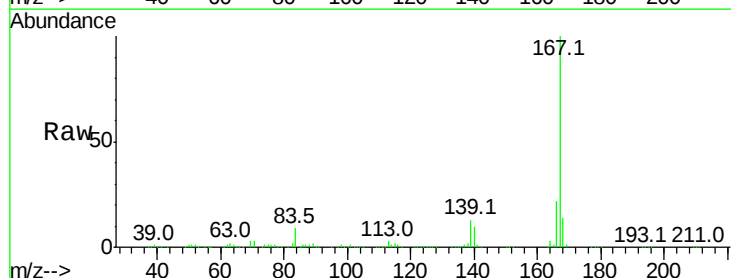
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#72
 Carbazole
 Concen: 34.948 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.00 min
 Lab File: BF100022.D
 Acq: 31 Oct 2017 23:33

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.6	26.4
139	12.7	10.9	16.3





#73

Di-n-butylphthalate

Concen: 34.514 ng

RT: 11.87 min Scan# 1664

Delta R.T. -0.00 min

Lab File: BF100022.D

Acq: 31 Oct 2017 23:33

Instrument :

BNA_F

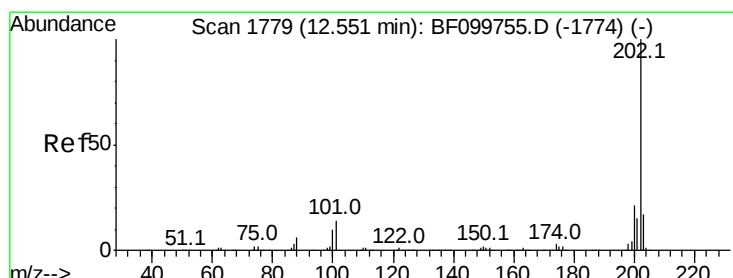
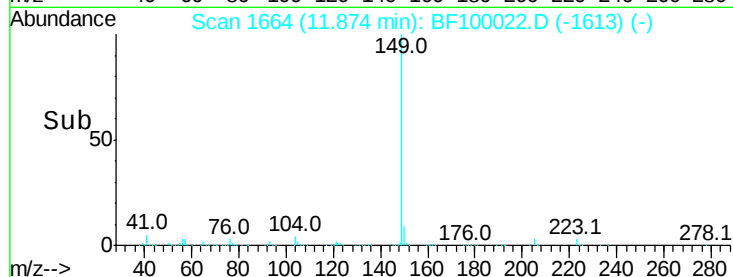
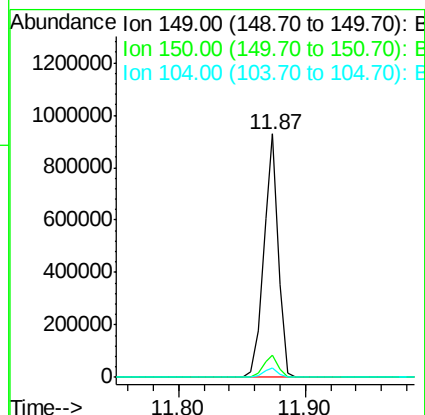
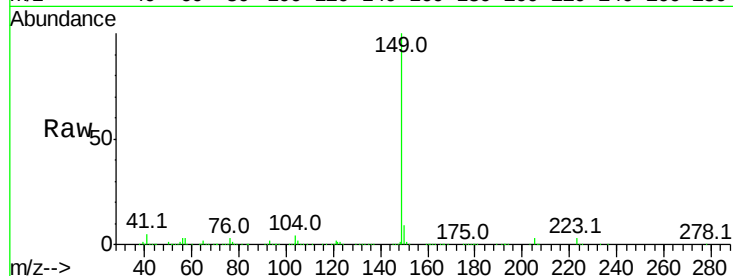
ClientSampleId :

Q4-COMP-FILLMSD

Tot Ion:	149	Resp:	749581
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.8	11.6
104	3.8	3.8	5.8

Manual Integrations
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#74

Fluoranthene

Concen: 40.754 ng

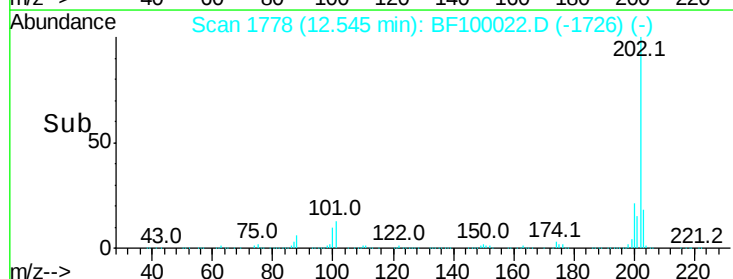
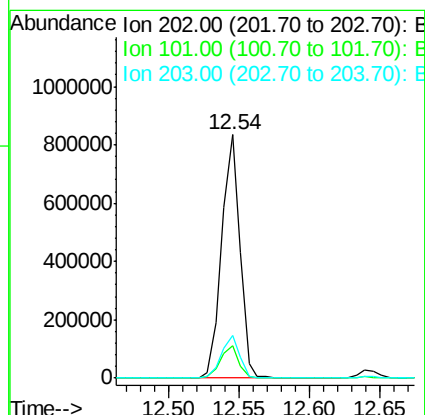
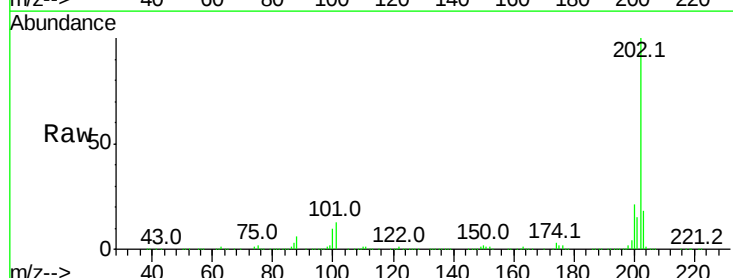
RT: 12.54 min Scan# 1778

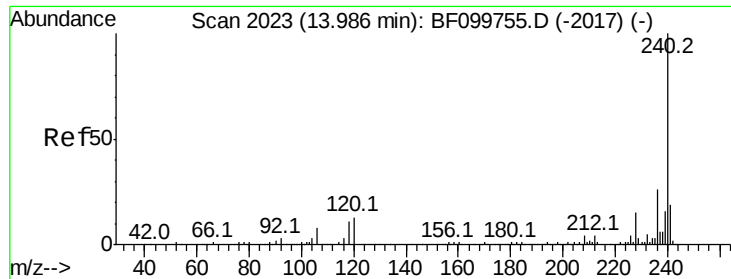
Delta R.T. 0.01 min

Lab File: BF100022.D

Acq: 31 Oct 2017 23:33

Tgt Ion:	202	Resp:	755497
Ion Ratio	Lower	Upper	
202	100		
101	13.3	0.0	34.1
203	17.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BF100022.D

Acq: 31 Oct 2017 23:33

Instrument :

BNA_F

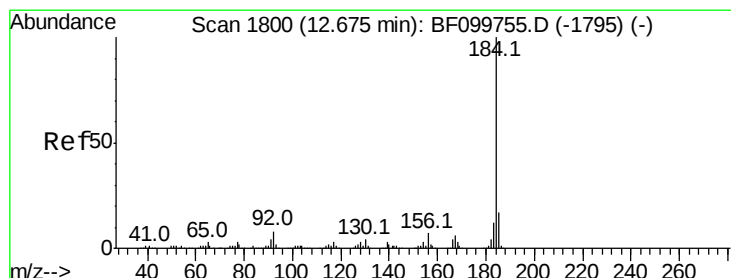
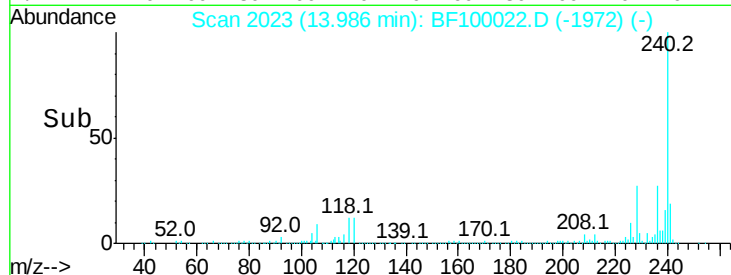
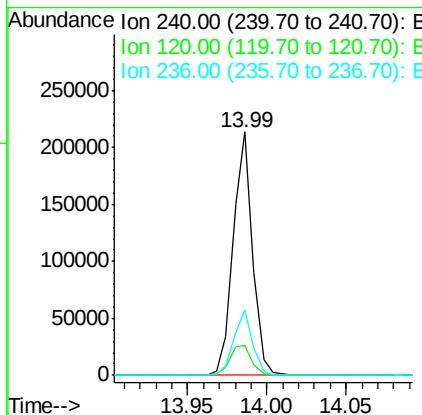
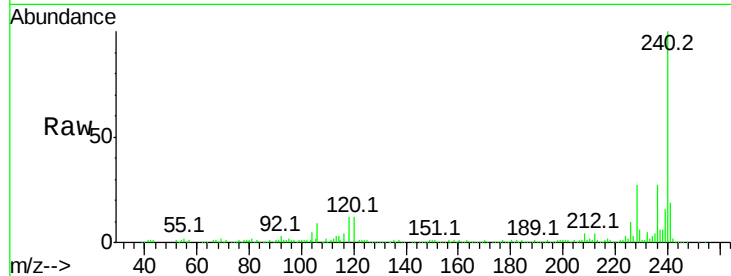
ClientSampleId :

Q4-COMP-FILLMSD

Tot Ion:	240	Resp:	180759
Ion Ratio		Lower	Upper
240	100		
120	12.4	9.5	14.3
236	26.9	20.7	31.1

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#76

Benzidine

Concen: 17.168 ng

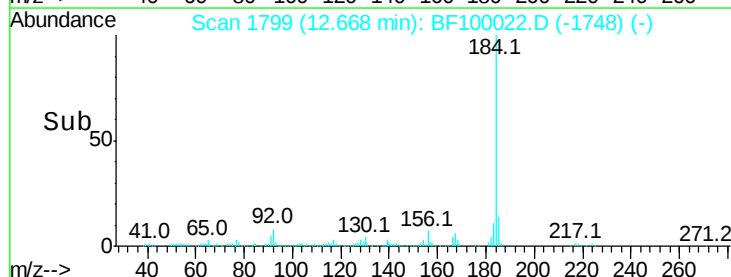
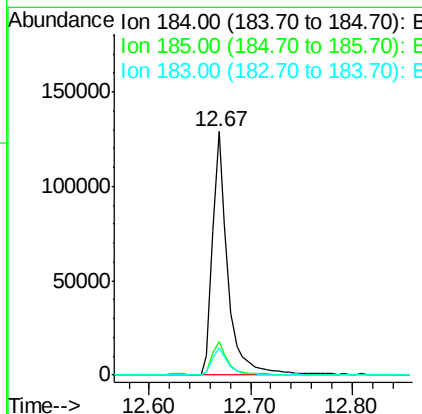
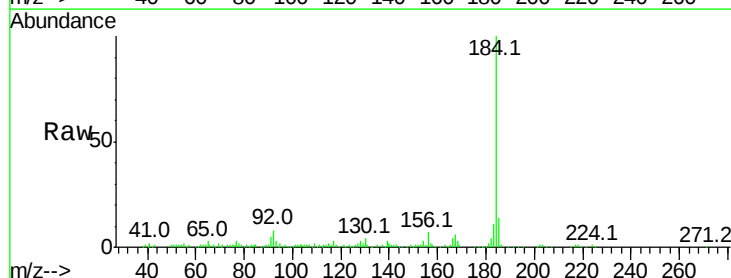
RT: 12.67 min Scan# 1799

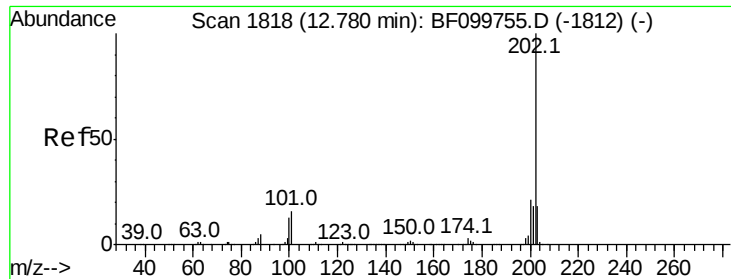
Delta R.T. -0.00 min

Lab File: BF100022.D

Acq: 31 Oct 2017 23:33

Tgt Ion:	184	Resp:	135791
Ion Ratio		Lower	Upper
184	100		
185	13.8	12.6	18.8
183	11.4	9.3	13.9





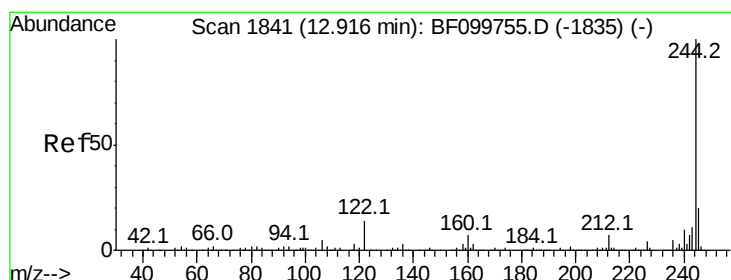
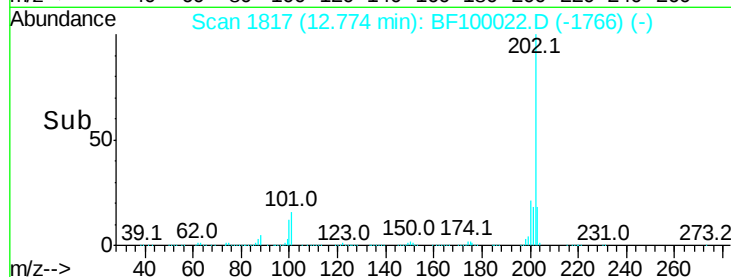
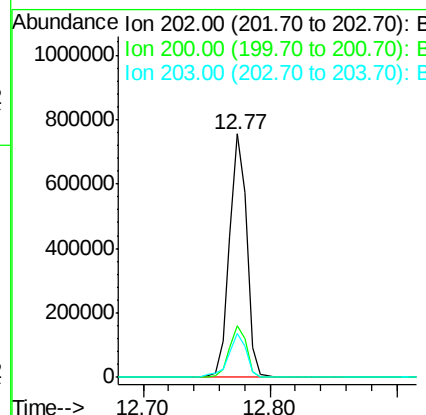
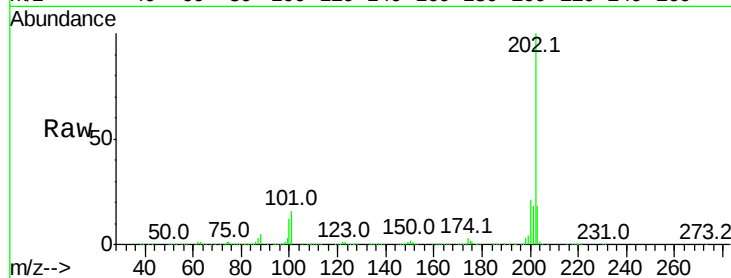
#77
Pvrene
Concen: 51.591 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.00 min
Lab File: BF100022.D
Acq: 31 Oct 2017 23:33

Instrument :
BNA_F
ClientSampleId :
Q4-COMP-FILLMSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	17.9	14.3	21.5

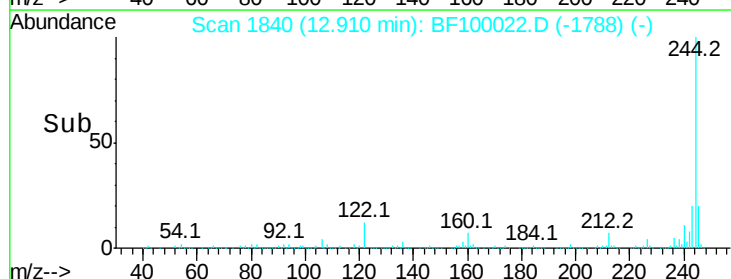
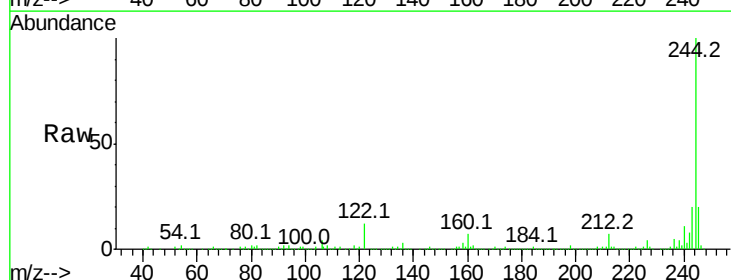
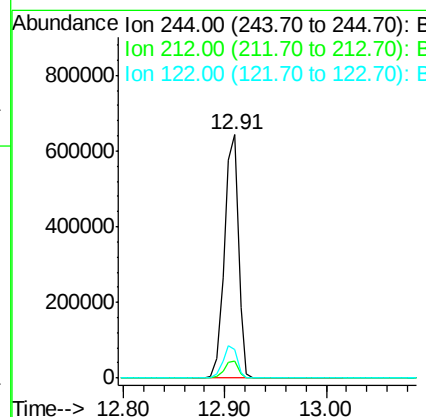
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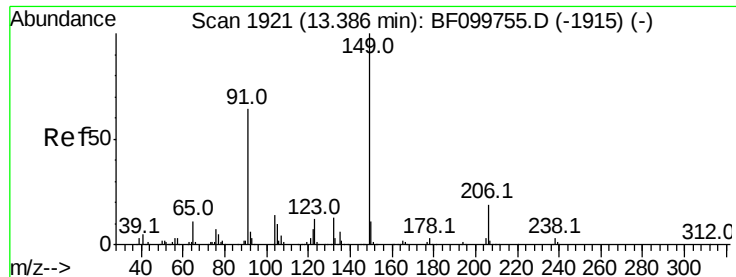
Sohil
11/1/2017 2:38:00 PM



#78
Terphenyl-d14
Concen: 74.775 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.01 min
Lab File: BF100022.D
Acq: 31 Oct 2017 23:33

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.9	11.0	16.4





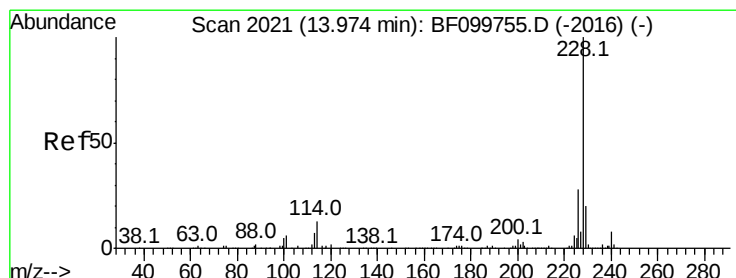
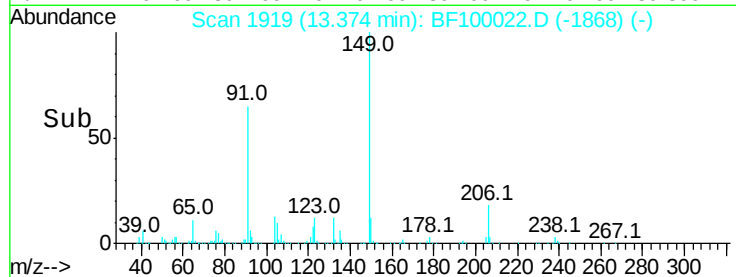
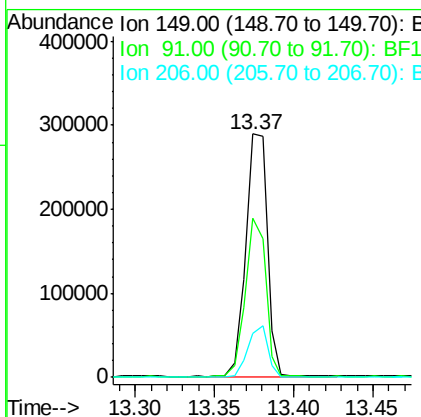
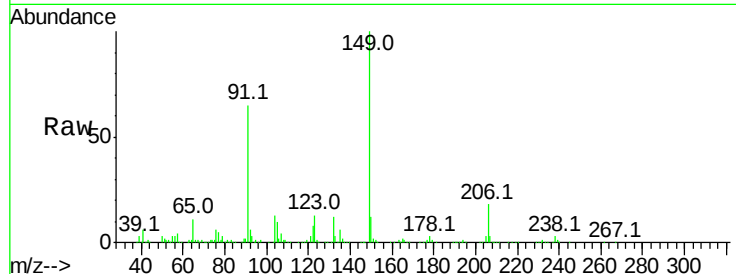
#79
Butylbenzylphthalate
Concen: 40.064 ng
RT: 13.37 min Scan# 1919
Delta R.T. -0.00 min
Lab File: BF100022.D
Acq: 31 Oct 2017 23:33

Instrument :
BNA_F
ClientSampleId :
Q4-COMP-FILLMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	271168		
91	65.3	56.8	85.2	
206	18.1	14.1	21.1	

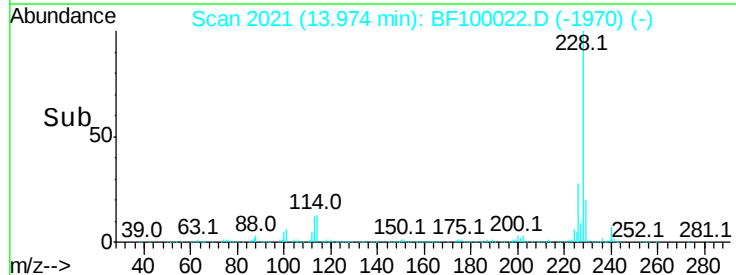
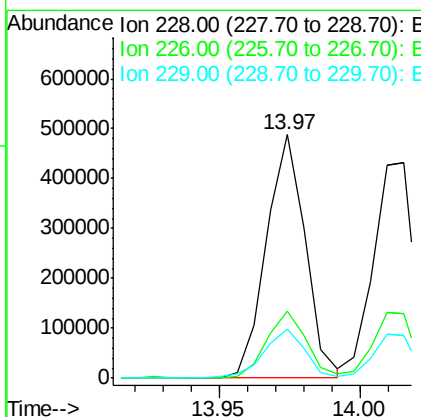
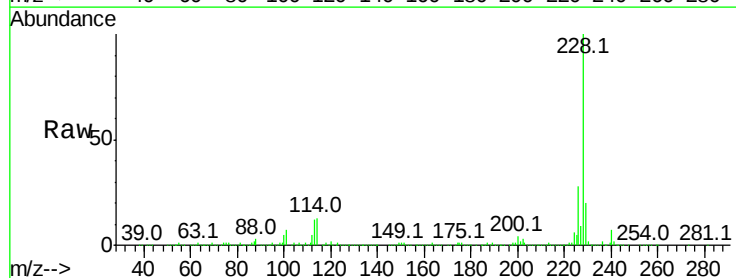
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#80
Benzo(a)anthracene
Concen: 40.568 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BF100022.D
Acq: 31 Oct 2017 23:33

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	464865		
226	27.6	22.6	33.8	
229	20.2	15.8	23.6	





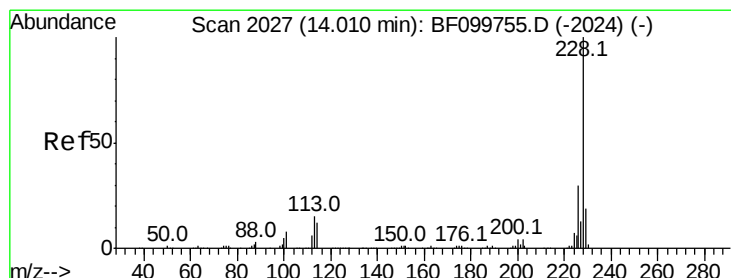
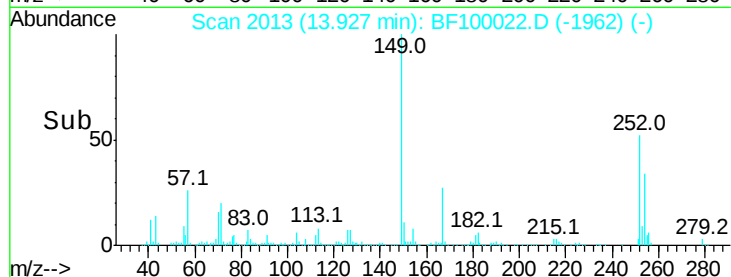
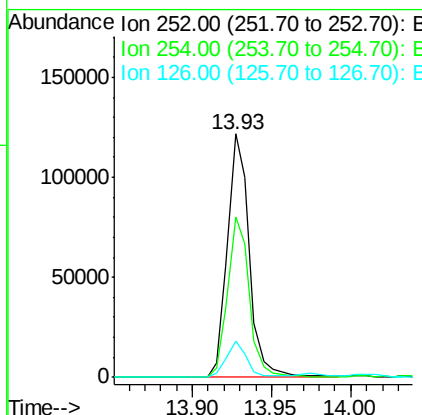
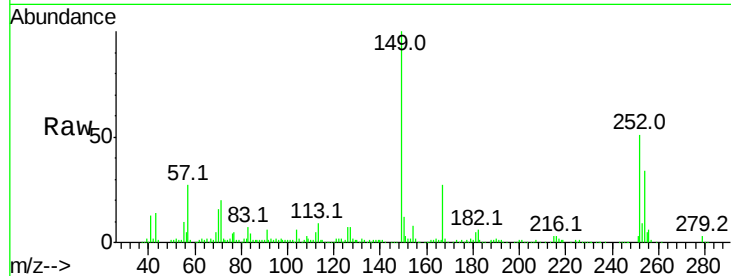
#81
3,3'-Dichlorobenzidine
Concen: 28.089 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BF100022.D
Acq: 31 Oct 2017 23:33

Instrument :
BNA_F
ClientSampleId :
Q4-COMP-FILLMSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.9	50.4	75.6
126	14.6	11.3	16.9

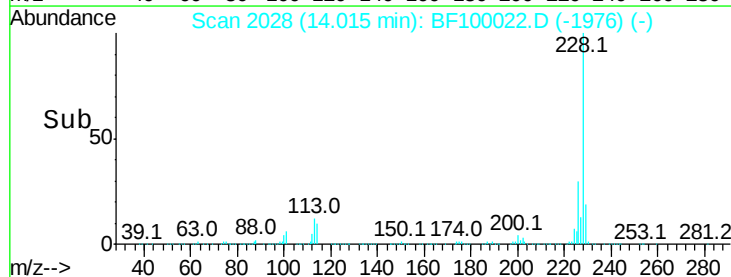
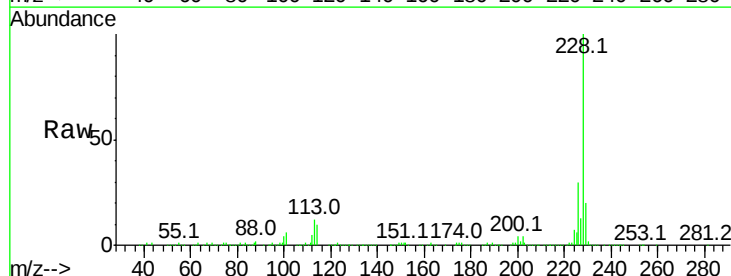
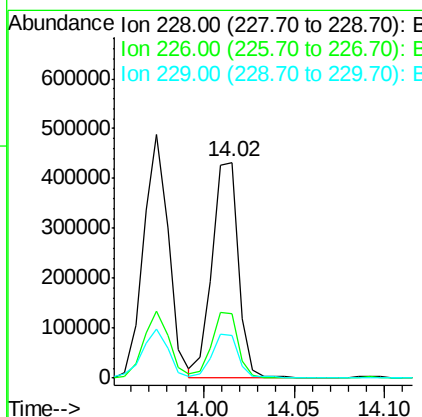
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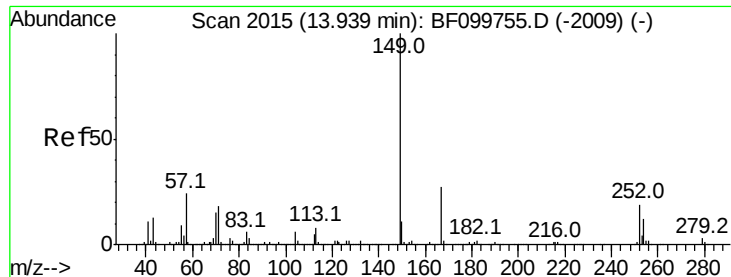
Sohil
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#82
Chrysene
Concen: 40.560 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BF100022.D
Acq: 31 Oct 2017 23:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.0	37.6
229	19.6	16.2	24.4





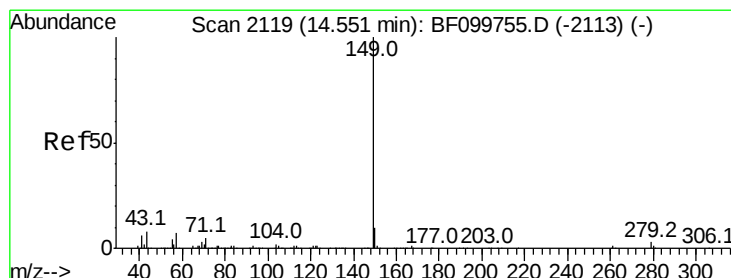
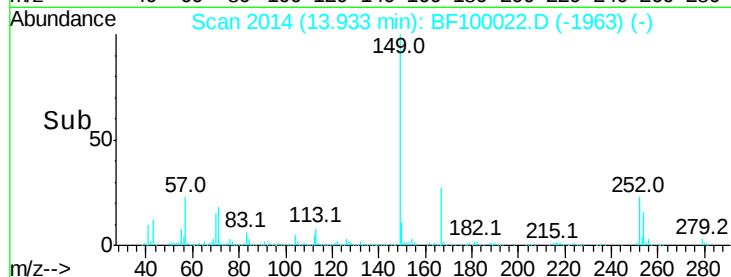
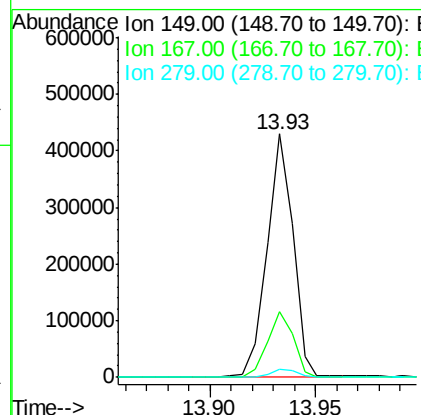
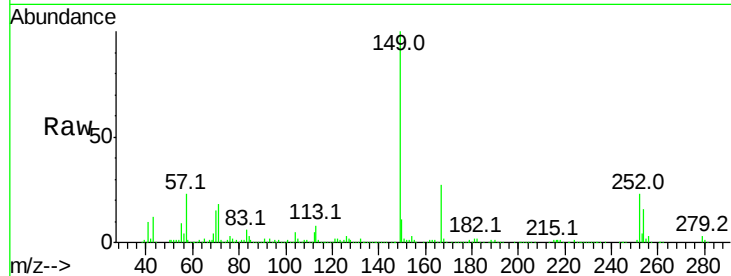
#83
Bis(2-ethylhexyl)phthalate
Concen: 38.443 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BF100022.D
Acq: 31 Oct 2017 23:33

Instrument :
BNA_F
ClientSampleId :
Q4-COMP-FILLMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	365399		
167	27.1		21.3	31.9
279	3.1		3.0	4.4

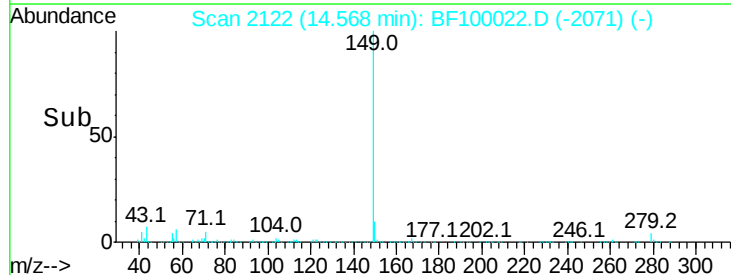
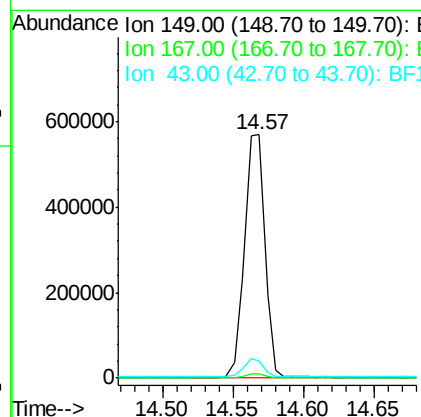
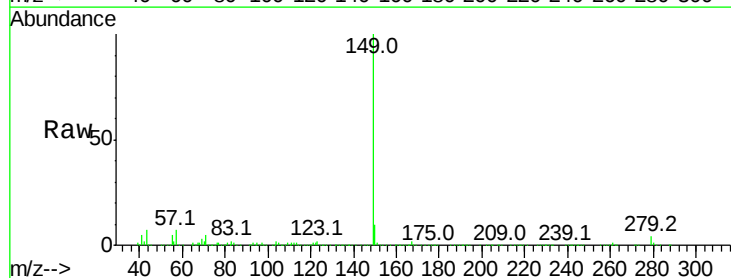
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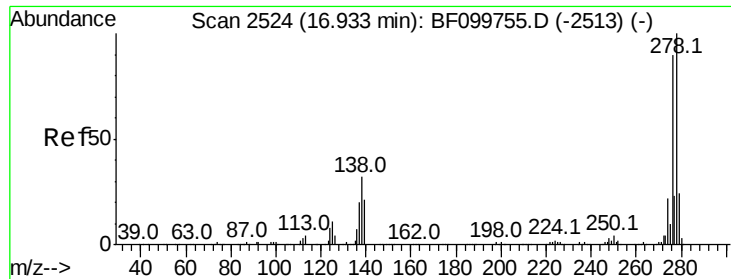
Sohil
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#84
Di-n-octyl phthalate
Concen: 35.104 ng
RT: 14.57 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BF100022.D
Acq: 31 Oct 2017 23:33

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	572679		
167	1.8		1.2	1.8#
43	7.2		8.4	12.6#





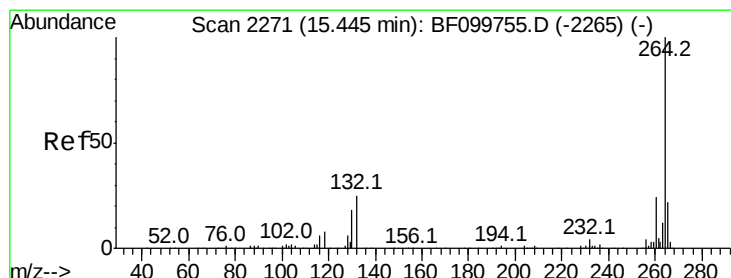
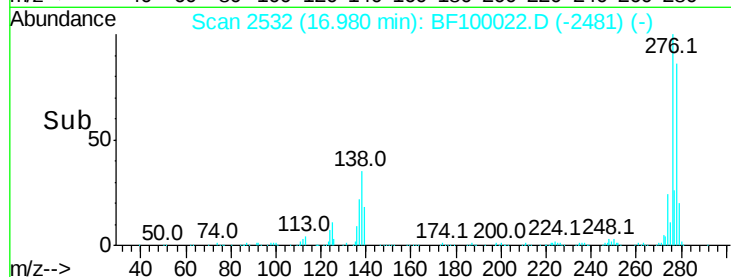
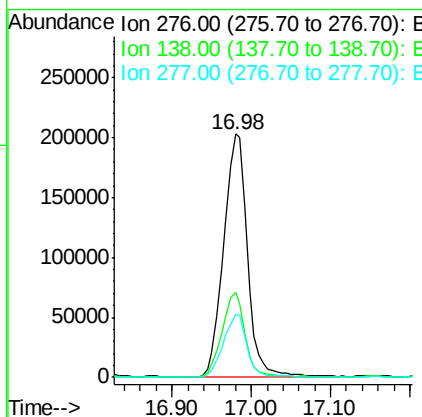
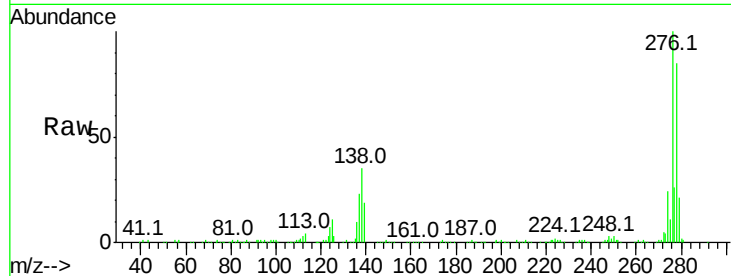
#85
Indeno(1,2,3-cd)pyrene
Concen: 42.882 ng
RT: 16.98 min Scan# 2532
Delta R.T. -0.00 min
Lab File: BF100022.D
Acq: 31 Oct 2017 23:33

Instrument :
BNA_F
ClientSampleId :
Q4-COMP-FILLMSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.6	25.0	37.6
277	25.8	20.1	30.1

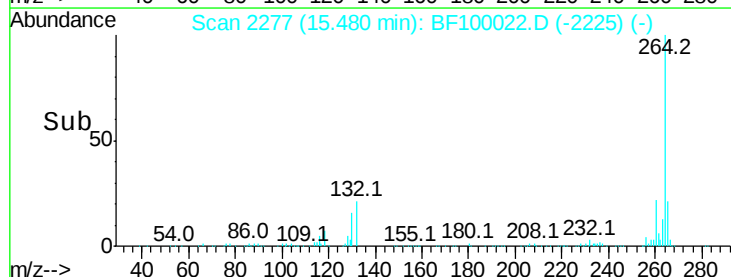
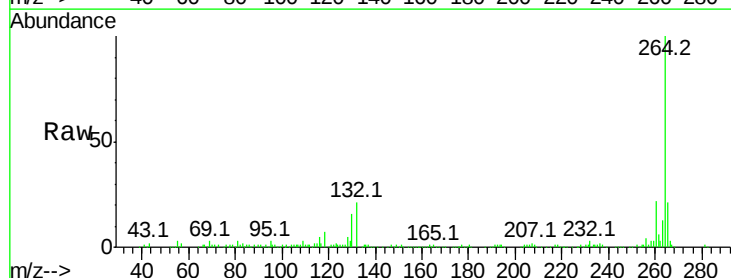
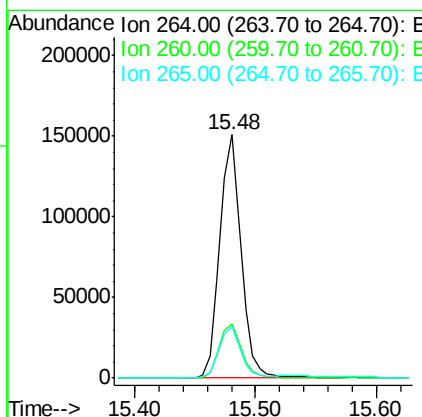
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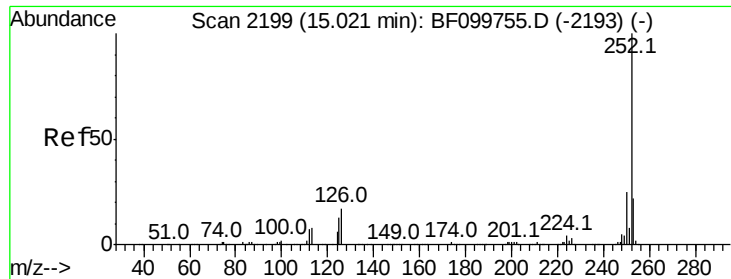
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.01 min
Lab File: BF100022.D
Acq: 31 Oct 2017 23:33

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.1	19.2	28.8
265	21.2	17.5	26.3





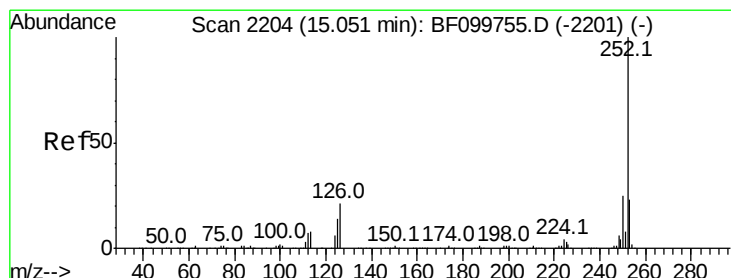
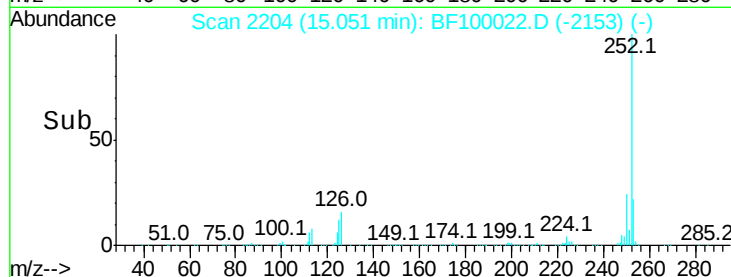
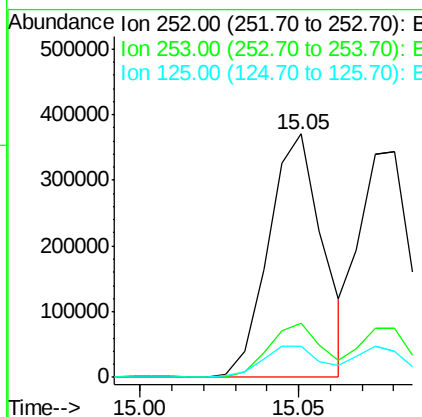
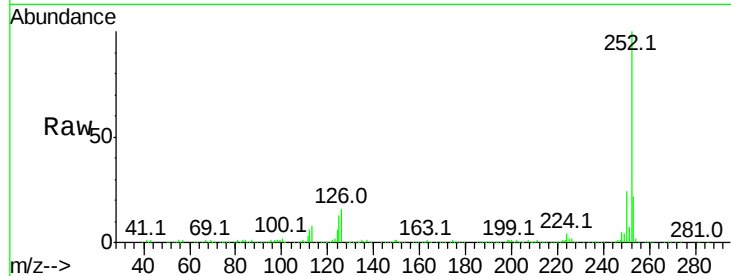
#87
Benzo(b)fluoranthene
Concen: 37.503 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BF100022.D
Acq: 31 Oct 2017 23:33

Instrument :
BNA_F
ClientSampleId :
Q4-COMP-FILLMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	12.6	9.0	13.6

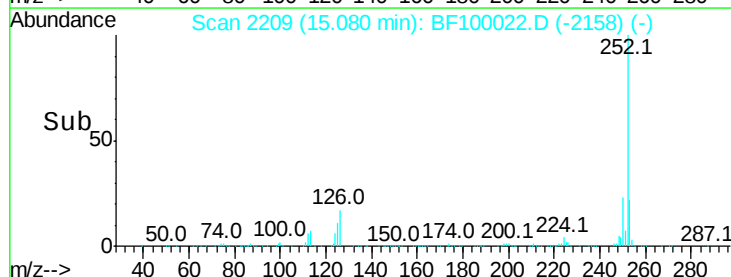
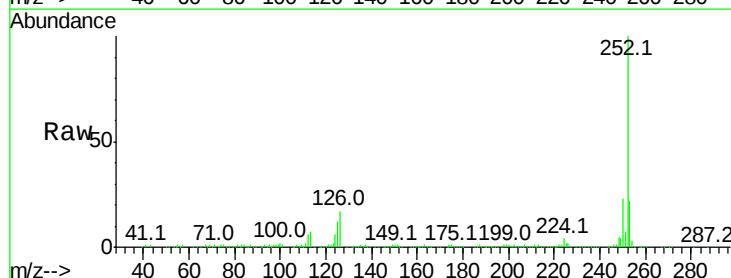
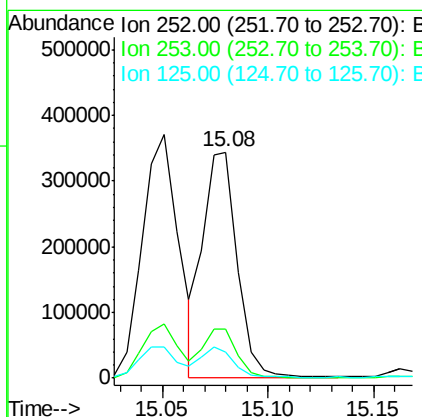
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11/1/2017 2:38:00 PM



#88
Benzo(k)fluoranthene
Concen: 35.285 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.00 min
Lab File: BF100022.D
Acq: 31 Oct 2017 23:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	11.7	10.2	15.2





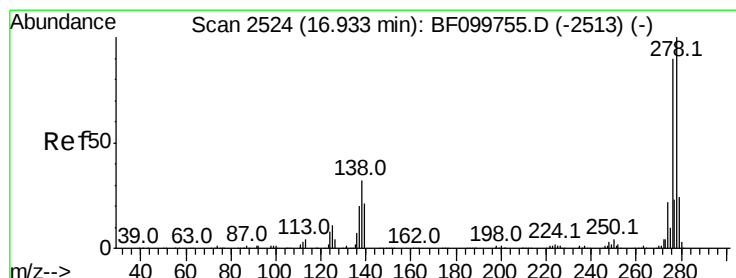
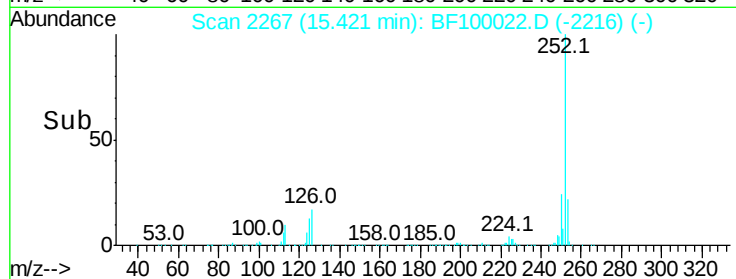
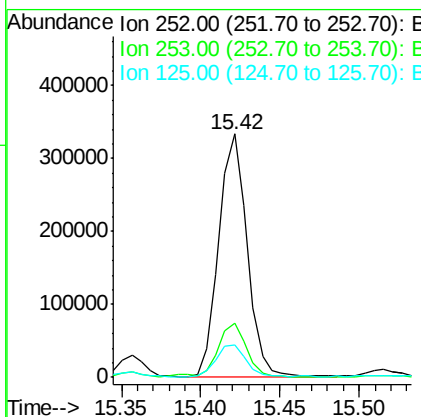
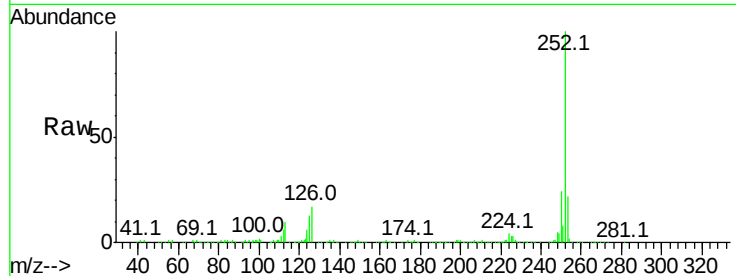
#89
Benzo(a)pyrene
Concen: 39.569 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.00 min
Lab File: BF100022.D
Acq: 31 Oct 2017 23:33

Instrument :
BNA_F
ClientSampleId :
Q4-COMP-FILLMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	13.3	9.8	14.6

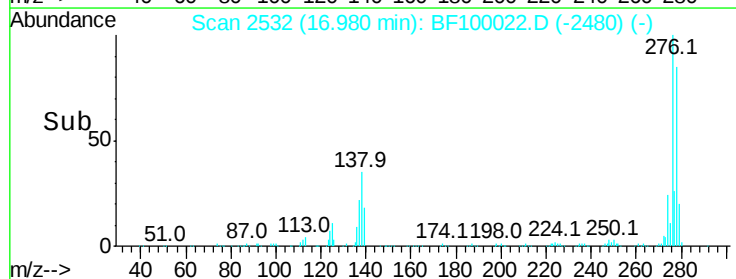
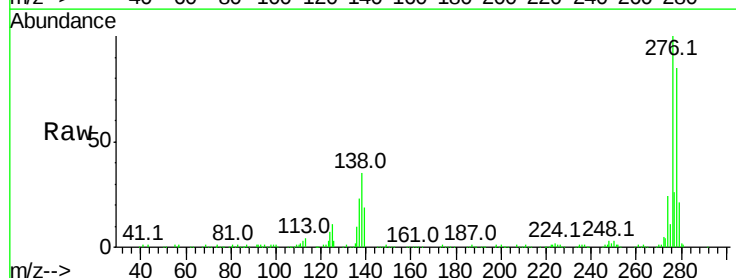
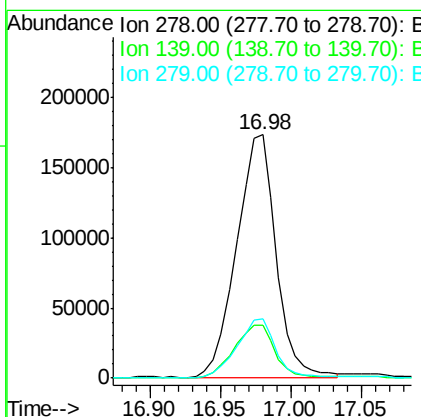
Manual Integrations
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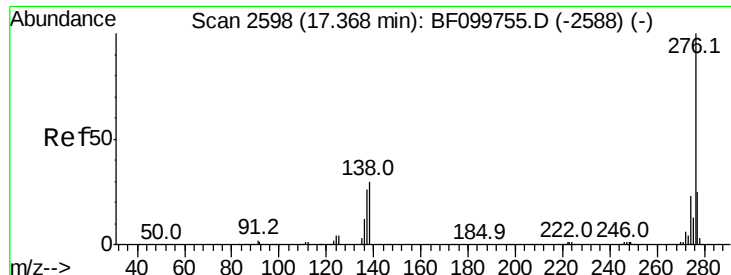
Sohil
11/1/2017 2:38:00 PM



#90
Dibenzo(a,h)anthracene
Concen: 36.172 ng
RT: 16.98 min Scan# 2532
Delta R.T. 0.01 min
Lab File: BF100022.D
Acq: 31 Oct 2017 23:33

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.7	15.9	23.9
279	24.2	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 38.012 ng
 RT: 17.43 min Scan# 2608
 Delta R.T. 0.01 min
 Lab File: BF100022.D
 Acq: 31 Oct 2017 23:33

Instrument :
 BNA_F
 ClientSampleId :
 Q4-COMP-FILLMSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	17.9	26.9
138	30.0	21.8	32.8

Manual Integrations
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Sohil
 11/1/2017 2:38:00 PM

