

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120417\
 Data File : BF101109.D
 Acq On : 4 Dec 2017 20:16
 Operator : SJ/JU
 Sample : I6645-01MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BSC-SB-04MSD

Manual Integrations
 APPROVED

Sohil
 12/5/2017 3:24:48 PM

Quant Time: Dec 05 07:51:45 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	56078	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	214903	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	96952	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	164608	20.00	ng	0.00
75) Chrysene-d12	14.02	240	117238	20.00	ng	0.00
86) Perylene-d12	15.50	264	104718	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	448524	132.17	ng	0.02
7) Phenol-d6	6.50	99	535218	129.90	ng	0.02
23) Nitrobenzene-d5	7.42	82	325657	90.40	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	131091	112.56	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	635528	89.69	ng	0.00
78) Terphenyl-d14	12.96	244	461567	86.11	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.68	88	53539	38.15	ng	97
3) Pyridine	3.45	79	154350	42.43	ng	97
4) n-Nitrosodimethylamine	3.41	42	83826	47.18	ng	85
6) Aniline	6.52	93	134433	25.09	ng	98
8) 2-Chlorophenol	6.64	128	168940	45.66	ng	98
9) Benzaldehyde	6.40	77	72184	28.62	ng	98
10) Phenol	6.51	94	216422	47.24	ng	90
11) bis(2-Chloroethyl)ether	6.59	93	153974	44.81	ng	100
12) 1,3-Dichlorobenzene	6.79	146	193935	45.01	ng	96
13) 1,4-Dichlorobenzene	6.87	146	194273	43.55	ng	96
14) 1,2-Dichlorobenzene	7.02	146	183431	44.09	ng	97
15) Benzyl Alcohol	7.00	79	142431	44.76	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	244230	52.29	ng	98
17) 2-Methylphenol	7.11	107	138337	46.30	ng	95
18) Hexachloroethane	7.36	117	49262	34.37	ng	97
19) n-Nitroso-di-n-propylamine	7.27	70	115722	41.70	ng	94
20) 3+4-Methylphenols	7.26	107	175257	44.98	ng	# 73
22) Acetophenone	7.26	105	223430	43.03	ng	# 87
24) Nitrobenzene	7.44	77	169755	48.08	ng	99
25) Isophorone	7.67	82	310841	50.51	ng	100
26) 2-Nitrophenol	7.75	139	84266	43.48	ng	97
27) 2,4-Dimethylphenol	7.79	122	151193	53.92	ng	98
28) bis(2-Chloroethoxy)methane	7.88	93	193502	46.79	ng	98
29) 2,4-Dichlorophenol	8.00	162	148082	48.52	ng	95
30) 1,2,4-Trichlorobenzene	8.07	180	156551	46.65	ng	96
31) Naphthalene	8.16	128	486057	45.89	ng	99
32) Benzoic acid	7.88	122	17347	7.95	ng	97
33) 4-Chloroaniline	8.20	127	57767	13.57	ng	99
34) Hexachlorobutadiene	8.27	225	92524	44.95	ng	99
35) Caprolactam	8.59	113	40811m	42.91	ng	
36) 4-Chloro-3-methylphenol	8.70	107	146258	46.26	ng	99
37) 2-Methylnaphthalene	8.85	142	327890	45.56	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	148731	42.23	ng	# 96
40) Hexachlorocyclopentadiene	8.99	237	10516	15.53	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	104720	50.72	nq	98
43) 2,4,5-Trichlorophenol	9.17	196	108952	49.36	nq	# 93
45) 1,1'-Biphenyl	9.31	154	377478	42.50	nq	96
46) 2-Chloronaphthalene	9.34	162	302848	48.01	nq	96
47) 2-Nitroaniline	9.44	65	90003	48.22	nq	98
48) Acenaphthylene	9.76	152	450362	43.44	nq	99
49) Dimethylphthalate	9.62	163	413321	52.86	nq	98
50) 2,6-Dinitrotoluene	9.68	165	73401	44.57	nq	96
51) Acenaphthene	9.93	154	259803	41.85	nq	99
52) 3-Nitroaniline	9.85	138	55808	30.13	nq	92
53) 2,4-Dinitrophenol	9.97	184	4022	9.29	nq	# 12
54) Dibenzofuran	10.10	168	394519	44.10	nq	100
55) 4-Nitrophenol	10.02	139	97222	77.84	nq	95
56) 2,4-Dinitrotoluene	10.09	165	91348	41.39	nq	# 96
57) Fluorene	10.44	166	308588	42.43	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	80178	45.37	nq	# 87
59) Diethylphthalate	10.31	149	342642	44.43	nq	97
60) 4-Chlorophenyl-phenylether	10.43	204	154217	42.95	nq	96
61) 4-Nitroaniline	10.47	138	68186	35.47	nq	91
62) Azobenzene	10.59	77	280936	42.92	nq	93
64) 4,6-Dinitro-2-methylphenol	10.50	198	7457	6.75	nq	86
65) n-Nitrosodiphenylamine	10.55	169	287898	49.58	nq	95
66) 4-Bromophenyl-phenylether	10.92	248	92852	50.39	nq	# 83
67) Hexachlorobenzene	10.99	284	90990	46.08	nq	# 85
68) Atrazine	11.07	200	87694	49.23	nq	99
69) Pentachlorophenol	11.19	266	78473	72.27	nq	99
70) Phenanthrene	11.40	178	392735	43.32	nq	99
71) Anthracene	11.46	178	402212	43.84	nq	99
72) Carbazole	11.62	167	348333	41.55	nq	98
73) Di-n-butylphthalate	11.93	149	490182	46.65	nq	99
74) Fluoranthene	12.59	202	355480	35.38	nq	96
76) Benzidine	12.72	184	215697	56.58	nq	97
77) Pyrene	12.83	202	361931	44.74	nq	98
79) Butylbenzylphthalate	13.43	149	160872	45.10	nq	# 89
80) Benzo(a)anthracene	14.02	228	330766	44.68	nq	98
81) 3,3'-Dichlorobenzidine	13.97	252	114294	44.58	nq	# 96
82) Chrysene	14.05	228	312238	45.42	nq	98
83) Bis(2-ethylhexyl)phthalate	13.99	149	230817	45.39	nq	99
84) Di-n-octyl phthalate	14.60	149	386979	45.70	nq	98
85) Indeno(1,2,3-cd)pyrene	16.99	276	226243	37.02	nq	# 92
87) Benzo(b)fluoranthene	15.07	252	303167	48.33	nq	96
88) Benzo(k)fluoranthene	15.10	252	289534	46.85	nq	# 96
89) Benzo(a)pyrene	15.44	252	262834	46.09	nq	97
90) Dibenzo(a,h)anthracene	17.00	278	192840	38.36	nq	# 94
91) Benzo(g,h,i)perylene	17.44	276	176316	37.22	nq	# 91

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

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Sample    : I6645-01MSD
Misc      :
ALS Vial  : 25 Sample Multiplier: 1

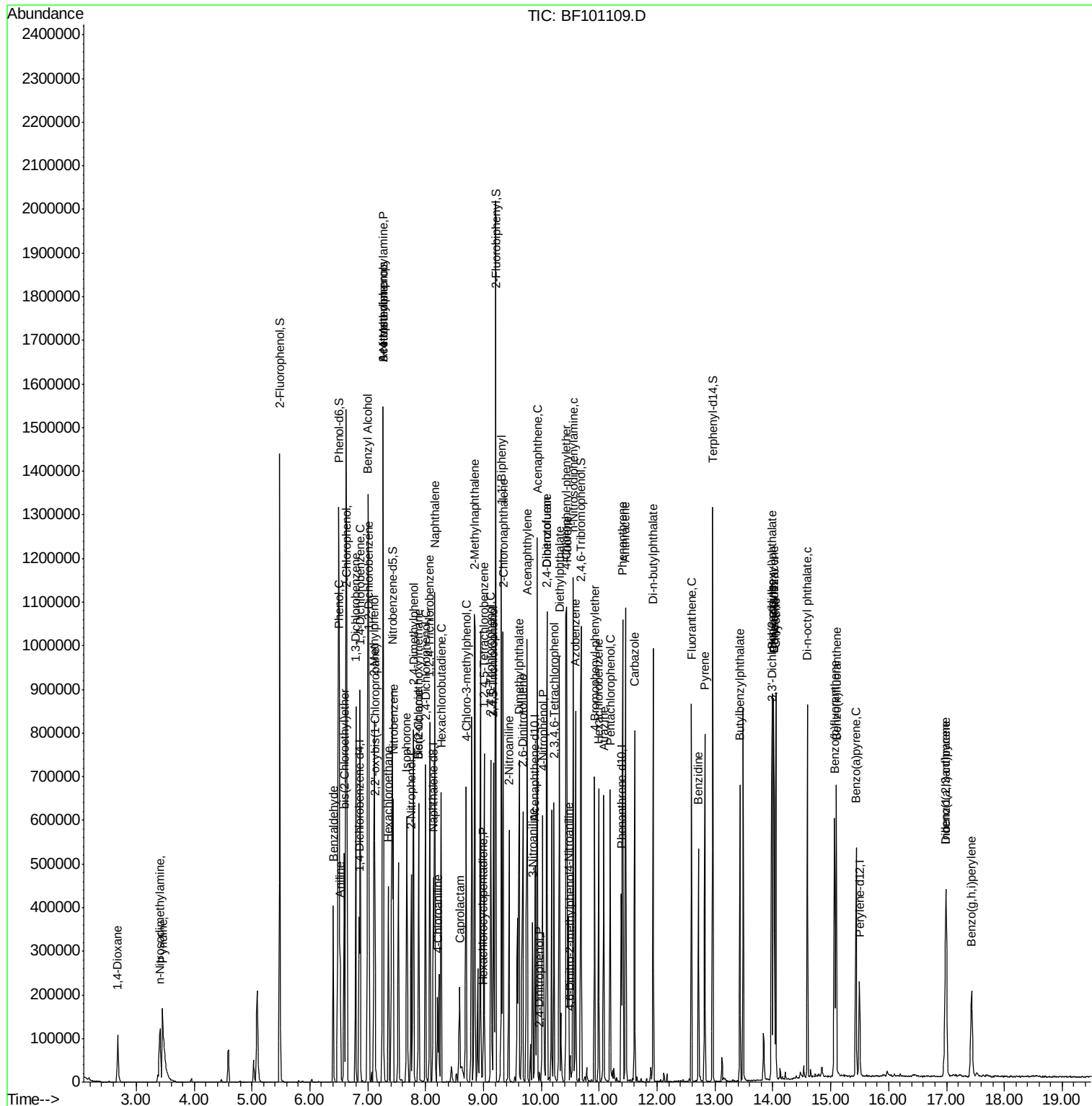
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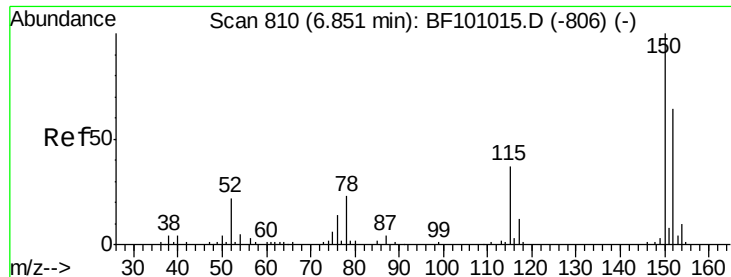
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#1

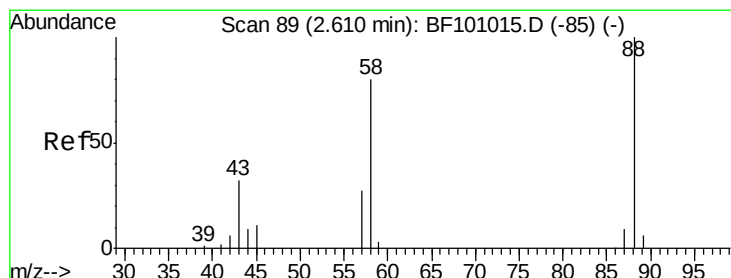
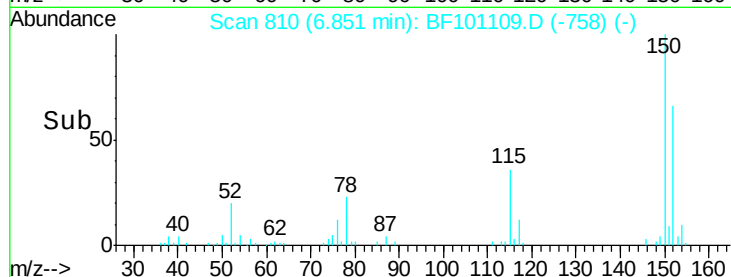
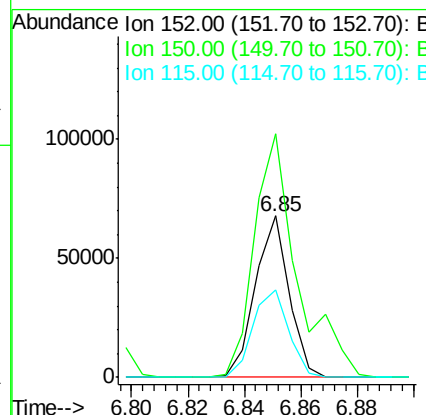
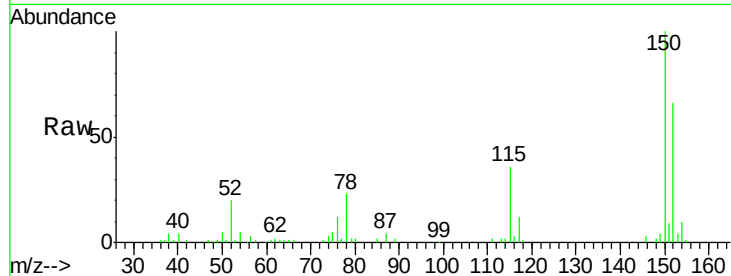
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.01 min
Lab File: BF101109.D
Acq: 4 Dec 2017 20:16

Instrument :
BNA_F
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Tot Ion	Ratio	Lower	Upper
152	100		
150	150.8	124.6	186.8
115	54.4	50.1	75.1

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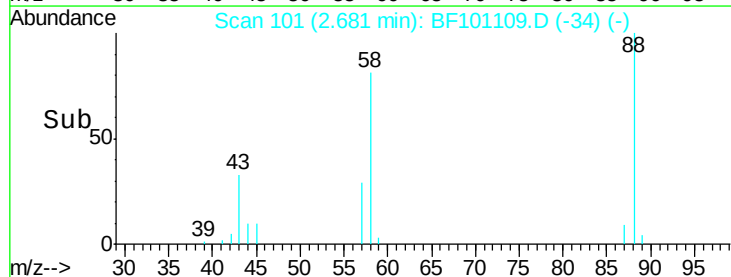
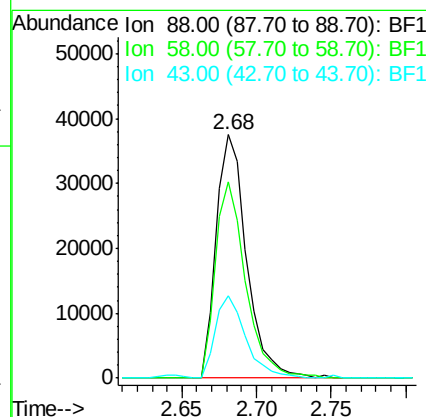
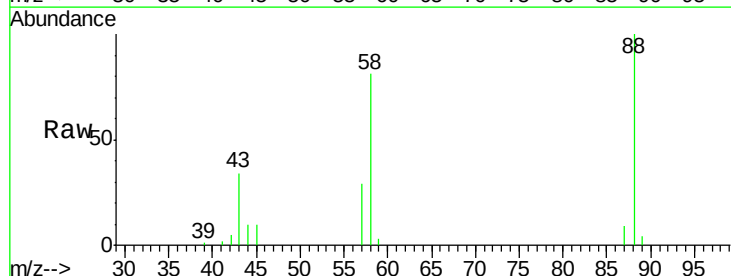
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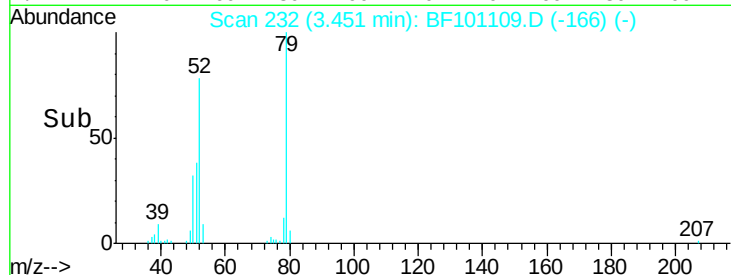
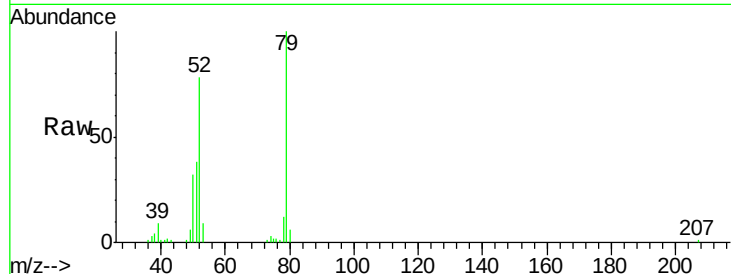
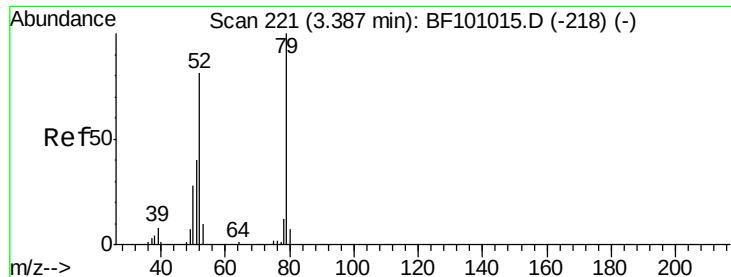


#2

1,4-Dioxane
Concen: 38.15 ng
RT: 2.68 min Scan# 101
Delta R.T. 0.09 min
Lab File: BF101109.D
Acq: 4 Dec 2017 20:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.2	62.6	93.8
43	33.7	24.6	37.0





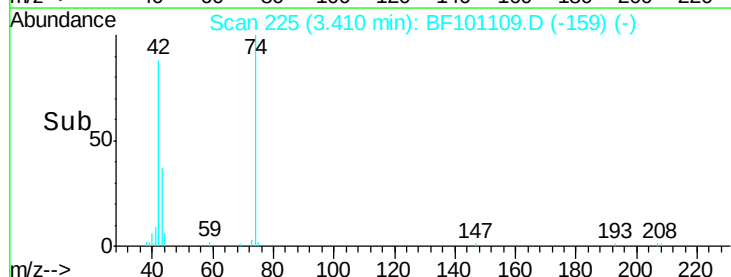
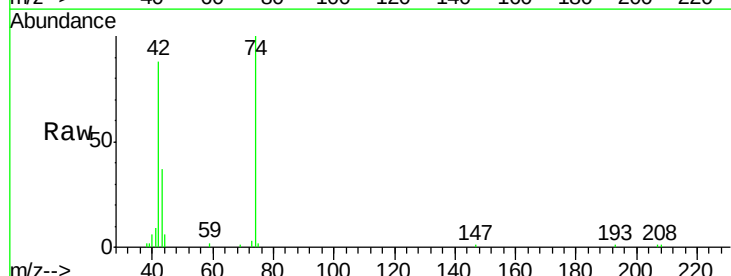
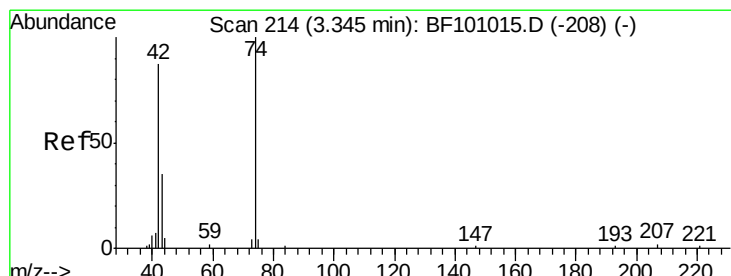
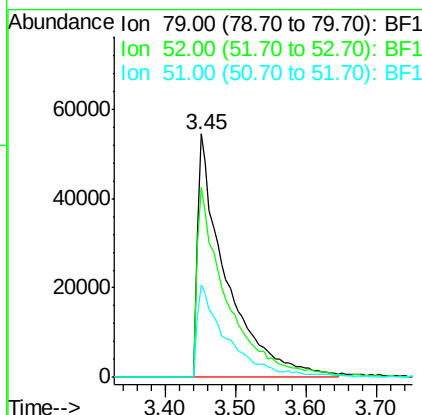
#3
 Pvridine
 Concen: 42.43 ng
 RT: 3.45 min Scan# 232
 Delta R.T. 0.09 min
 Lab File: BF101109.D
 Acq: 4 Dec 2017 20:16

Tot Ion	Ratio	Resp	Lower	Upper
79	100	154350		
52	78.0		59.8	89.6
51	37.8		29.8	44.8

Instrument :
 BNA_F
 ClientSampleId :
 BSC-SB-04MSD

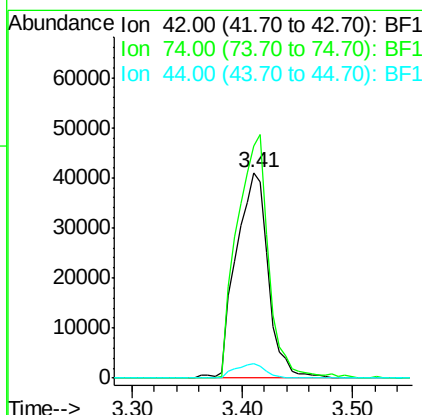
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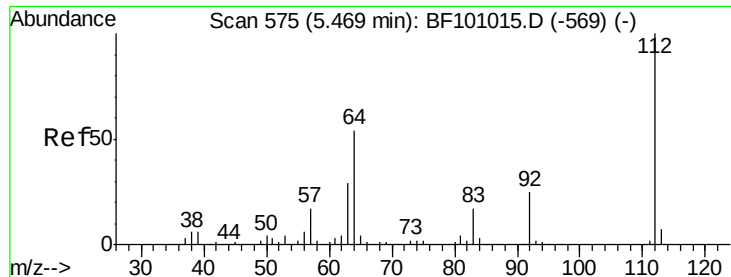
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#4
 n-Nitrosodimethylamine
 Concen: 47.18 ng
 RT: 3.41 min Scan# 225
 Delta R.T. 0.09 min
 Lab File: BF101109.D
 Acq: 4 Dec 2017 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	83826		
74	113.3		104.9	157.3
44	7.1		6.9	10.3





#5

2-Fluorophenol

Concen: 132.17 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.02 min

Lab File: BF101109.D

Acq: 4 Dec 2017 20:16

Instrument :

BNA_F

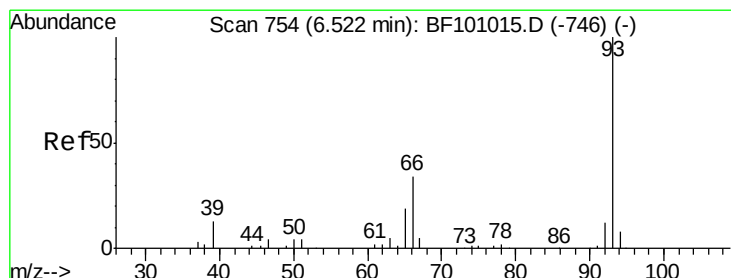
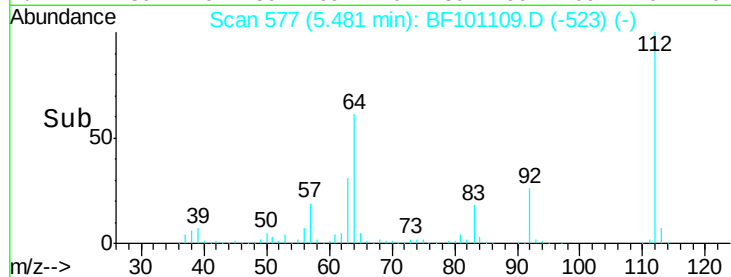
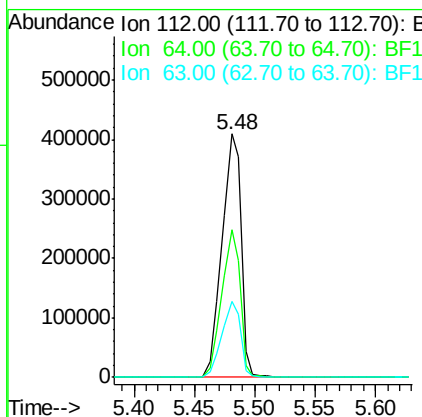
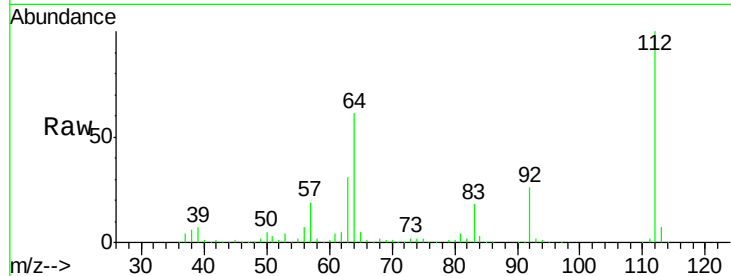
ClientSampleId :

BSC-SB-04MSD

Tot Ion:	112	Resp:	448524
Ion Ratio	Lower	Upper	
112	100		
64	60.9	47.9	71.9
63	31.4	23.7	35.5

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#6

Aniline

Concen: 25.09 ng

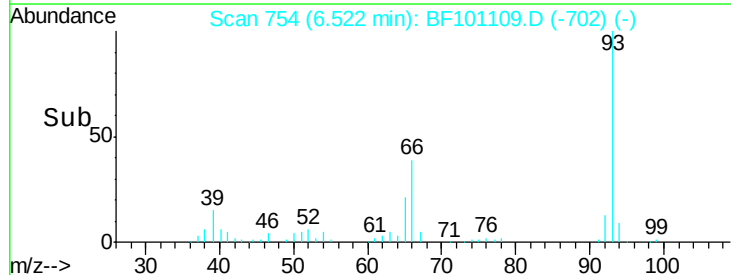
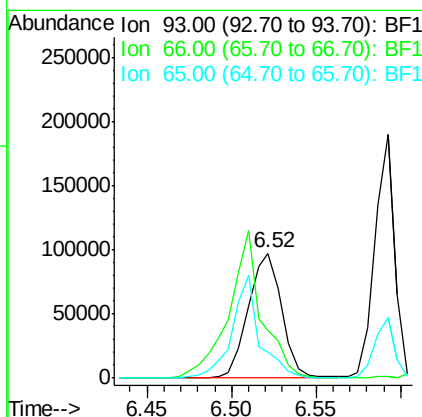
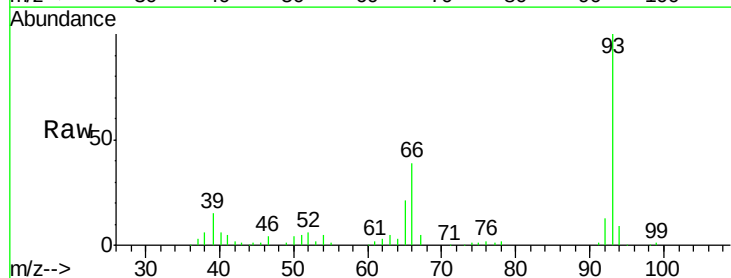
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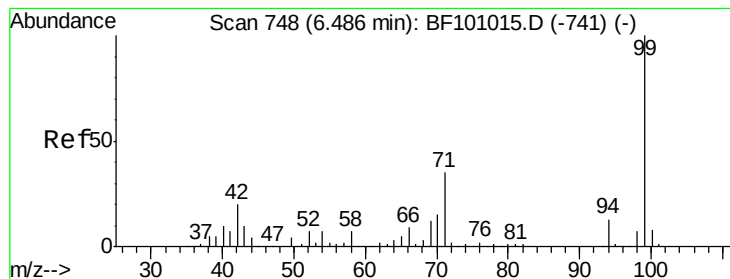
Delta R.T. 0.01 min

Lab File: BF101109.D

Acq: 4 Dec 2017 20:16

Tgt Ion:	93	Resp:	134433
Ion Ratio	Lower	Upper	
93	100		
66	38.6	32.2	48.2
65	21.2	16.4	24.6





#7

Phenol-d6

Concen: 129.90 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.02 min

Lab File: BF101109.D

Acq: 4 Dec 2017 20:16

Instrument :

BNA_F

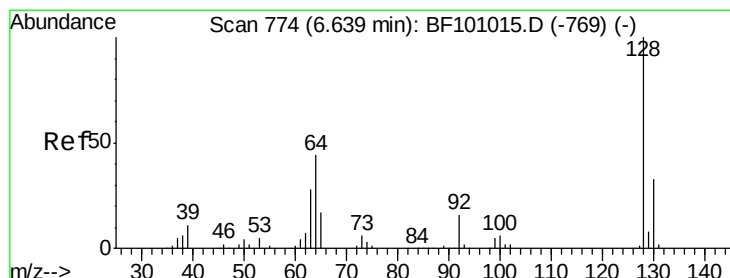
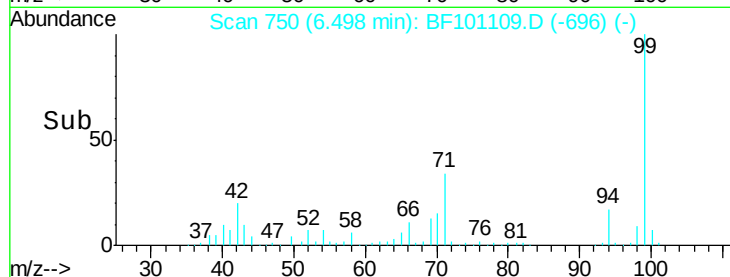
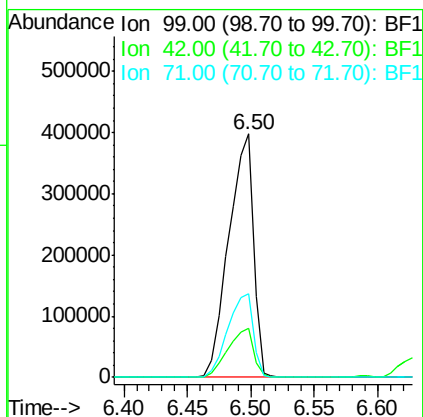
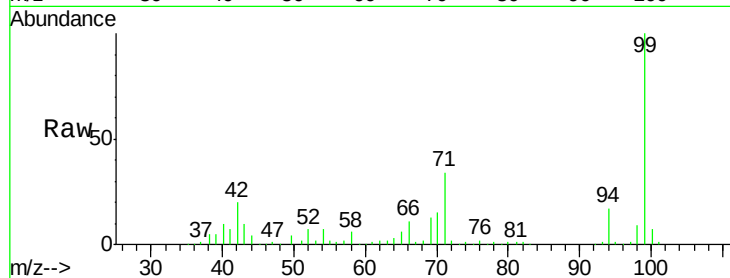
ClientSampleId :

BSC-SB-04MSD

Tot Ion:	99	Resp:	535218
Ion Ratio	Lower	Upper	
99	100		
42	20.0	14.5	21.7
71	34.3	25.4	38.0

Manual Integrations
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#8

2-Chlorophenol

Concen: 45.66 ng

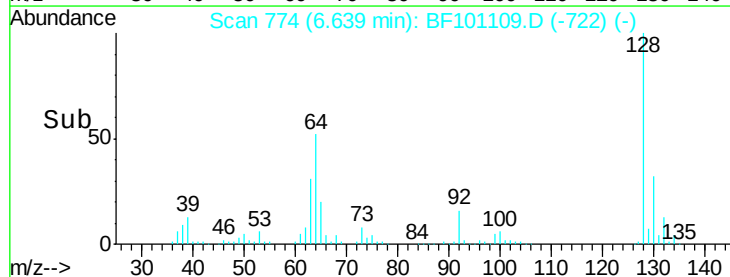
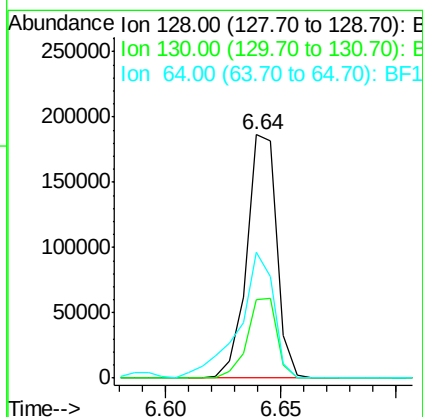
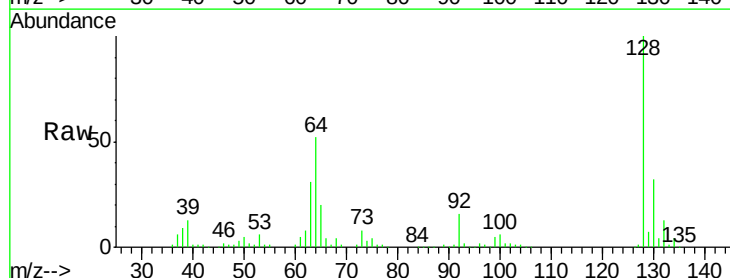
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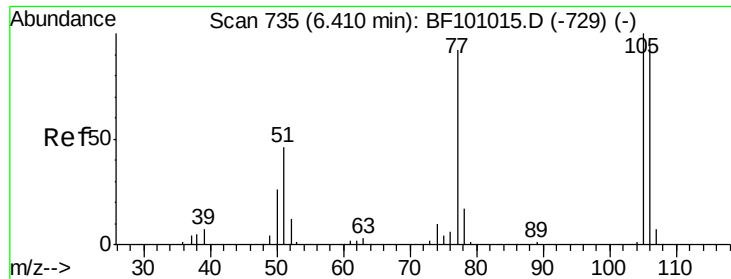
Delta R.T. 0.01 min

Lab File: BF101109.D

Acq: 4 Dec 2017 20:16

Tgt Ion:	128	Resp:	168940
Ion Ratio	Lower	Upper	
128	100		
130	32.4	13.0	53.0
64	51.6	29.4	69.4





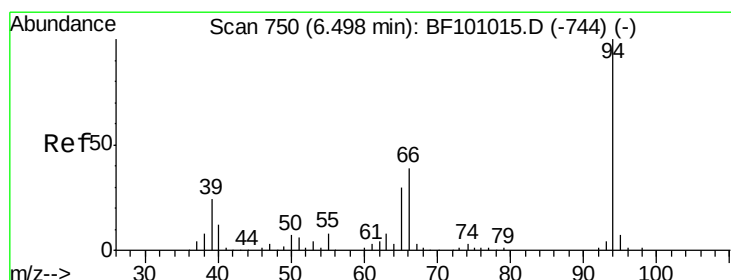
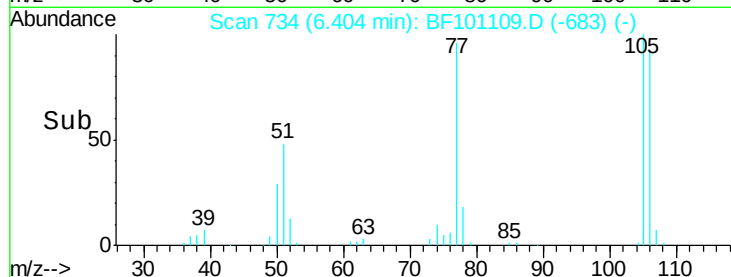
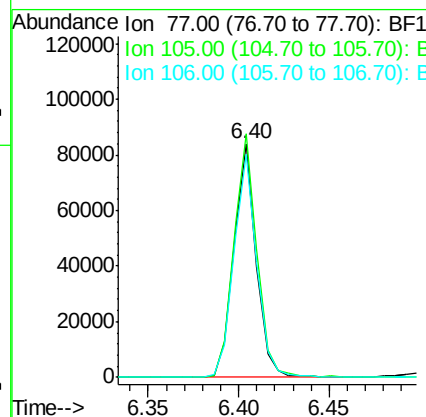
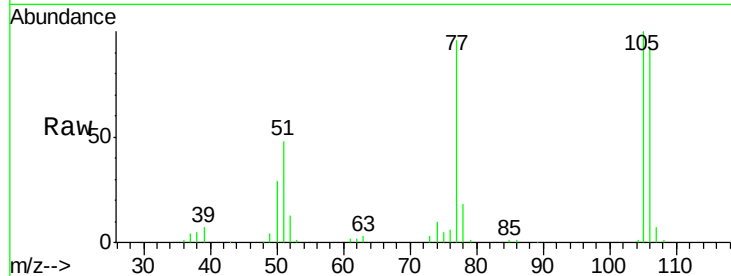
#9
Benzaldehyde
Concen: 28.62 ng
RT: 6.40 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF101109.D
Acq: 4 Dec 2017 20:16

Instrument :
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ClientSampleId :
BSC-SB-04MSD

Tot Ion: 77 Resp: 72184
Ion Ratio Lower Upper
77 100
105 104.1 81.1 121.1
106 95.7 74.5 114.5

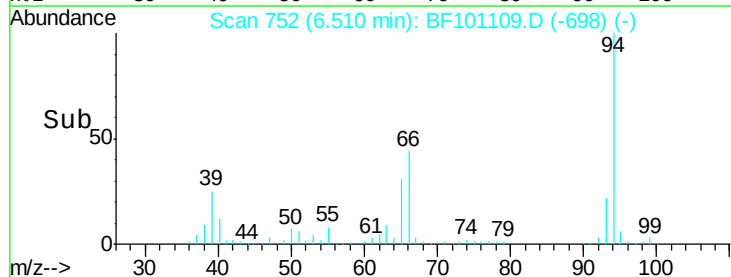
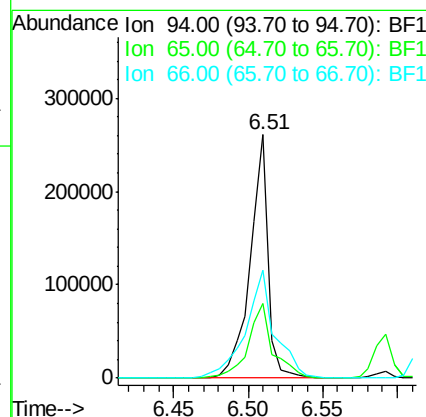
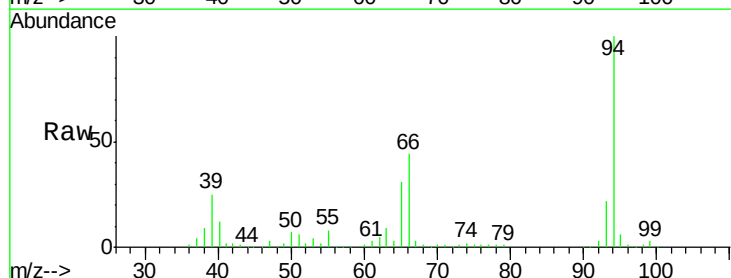
Manual Integrations
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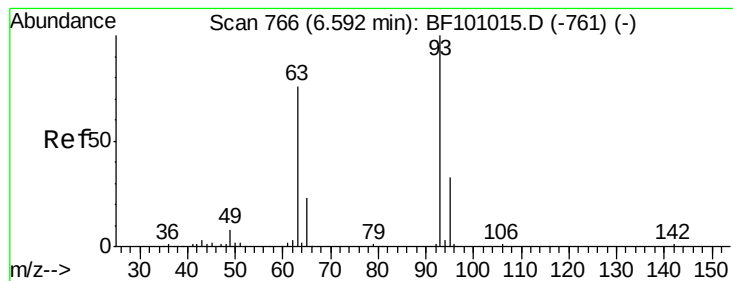
Sohil
12/5/2017 3:24:48 PM



#10
Phenol
Concen: 47.24 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.02 min
Lab File: BF101109.D
Acq: 4 Dec 2017 20:16

Tgt Ion: 94 Resp: 216422
Ion Ratio Lower Upper
94 100
65 30.8 7.9 47.9
66 44.2 16.2 56.2





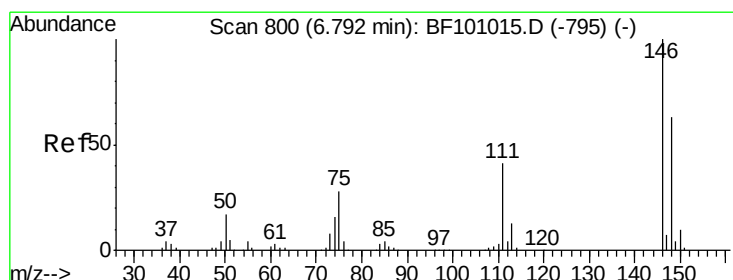
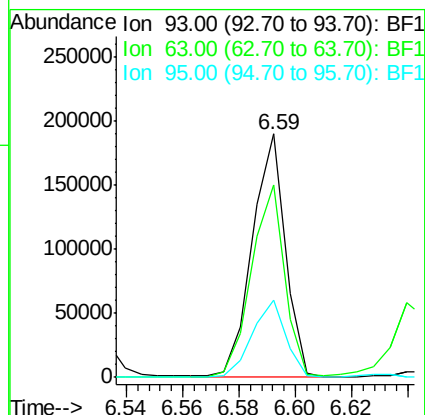
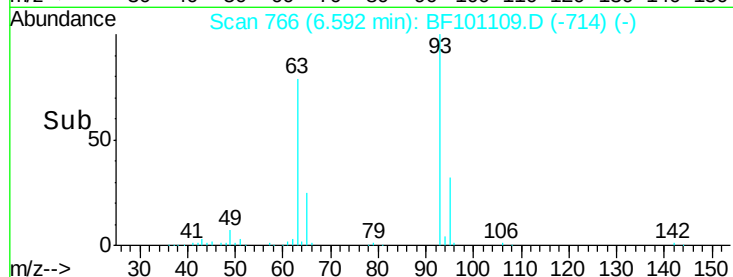
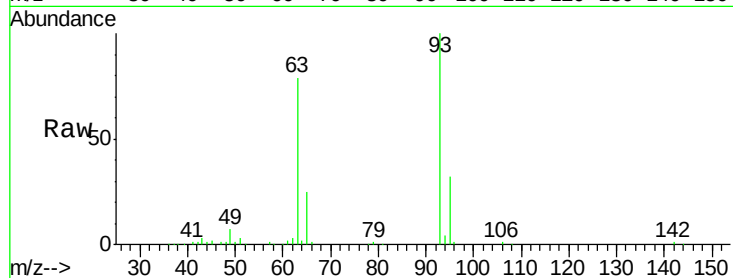
#11
bis(2-Chloroethyl)ether
Concen: 44.81 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.01 min
Lab File: BF101109.D
Acq: 4 Dec 2017 20:16

Instrument :
BNA_F
ClientSampleId :
BSC-SB-04MSD

Tot Ion:	93	Resp:	153974
Ion Ratio	Lower	Upper	
93	100		
63	79.0	58.6	98.6
95	31.9	11.8	51.8

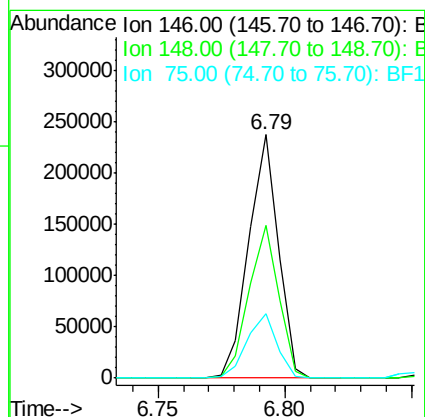
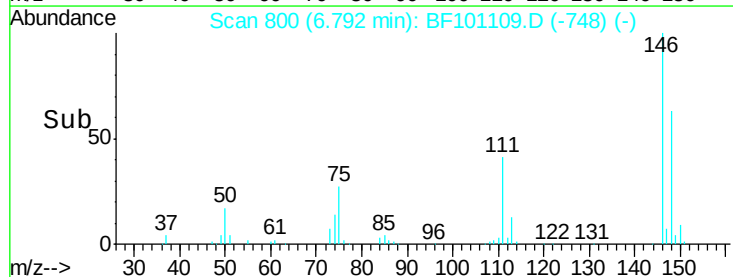
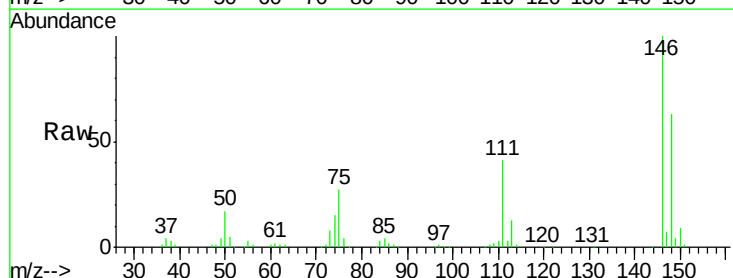
Manual Integrations
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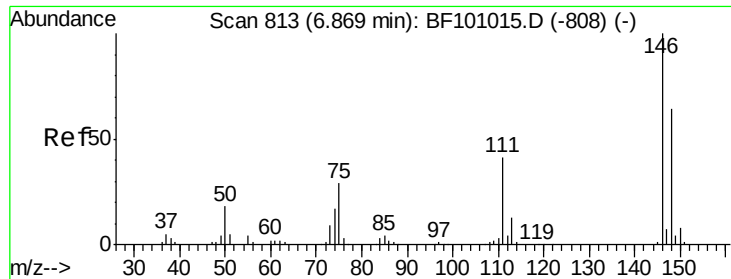
Sohil
12/5/2017 3:24:48 PM



#12
1,3-Dichlorobenzene
Concen: 45.01 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BF101109.D
Acq: 4 Dec 2017 20:16

Tgt Ion:	146	Resp:	193935
Ion Ratio	Lower	Upper	
146	100		
148	62.9	51.8	77.8
75	26.6	24.2	36.4





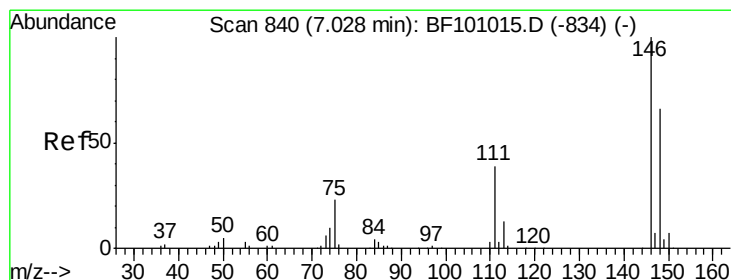
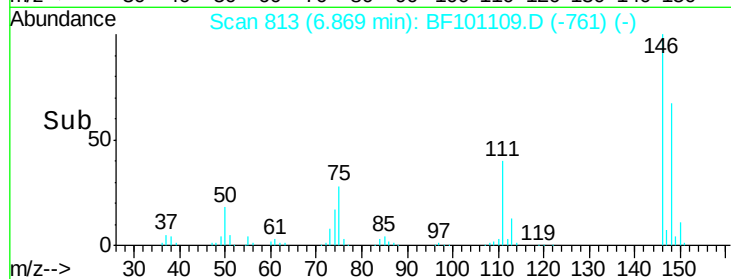
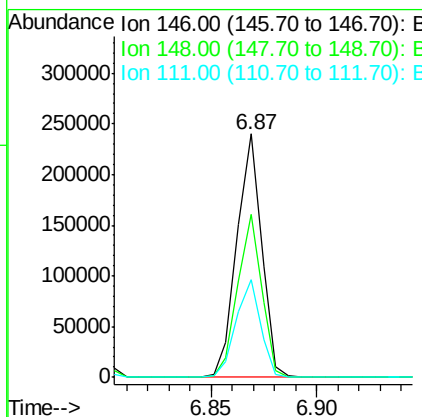
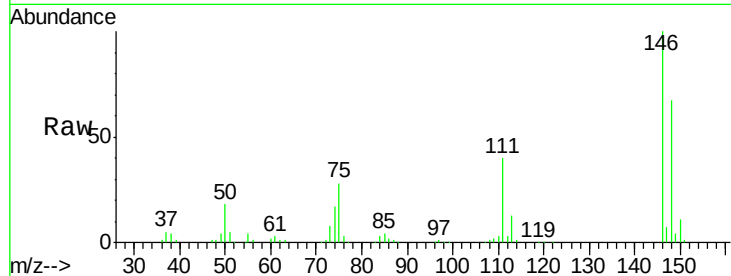
#13
 1,4-Dichlorobenzene
 Concen: 43.55 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.01 min
 Lab File: BF101109.D
 Acq: 4 Dec 2017 20:16

Instrument :
 BNA_F
 ClientSampleId :
 BSC-SB-04MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.9	50.8	76.2
111	40.2	34.2	51.2

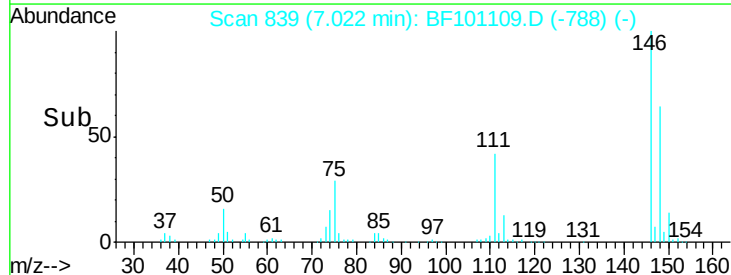
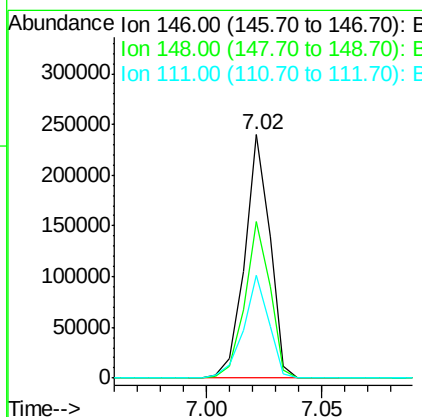
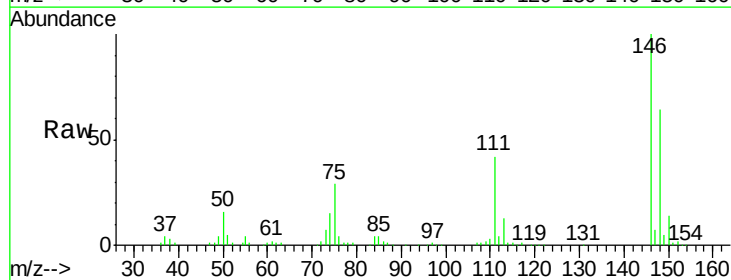
Manual Integrations
 APPROVED

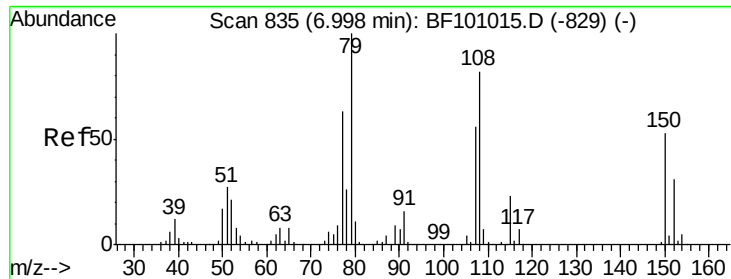
Sohil
 12/5/2017 3:24:48 PM



#14
 1,2-Dichlorobenzene
 Concen: 44.09 ng
 RT: 7.02 min Scan# 839
 Delta R.T. 0.00 min
 Lab File: BF101109.D
 Acq: 4 Dec 2017 20:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.6	75.8
111	42.2	36.0	54.0





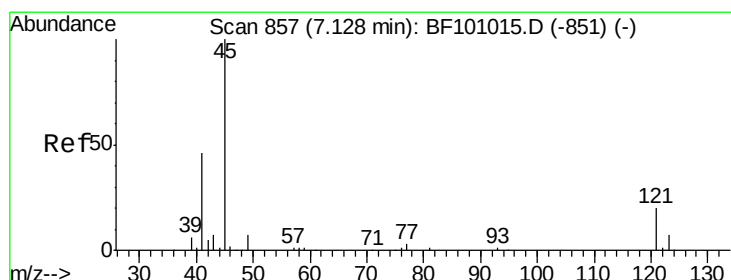
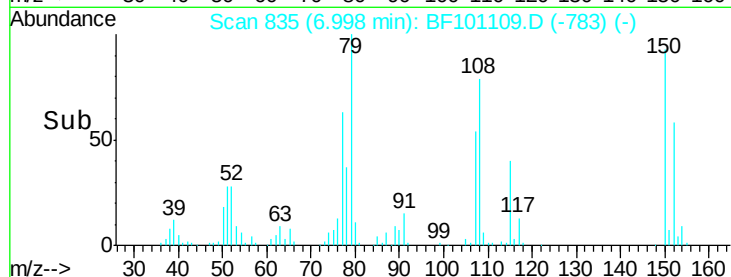
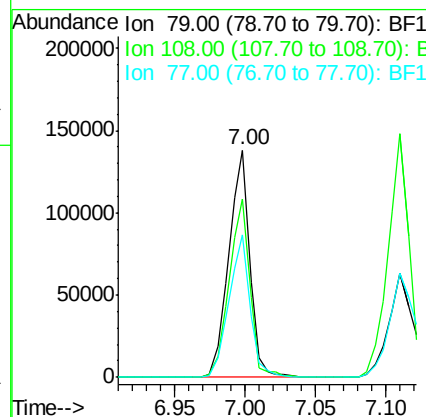
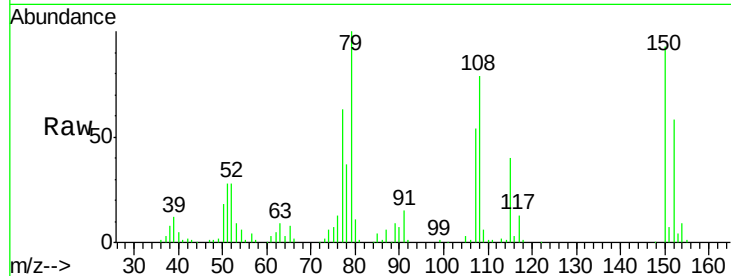
#15
Benzyl Alcohol
Concen: 44.76 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.01 min
Lab File: BF101109.D
Acq: 4 Dec 2017 20:16

Instrument :
BNA_F
ClientSampleId :
BSC-SB-04MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.6	65.1	97.7
77	62.7	50.6	75.8

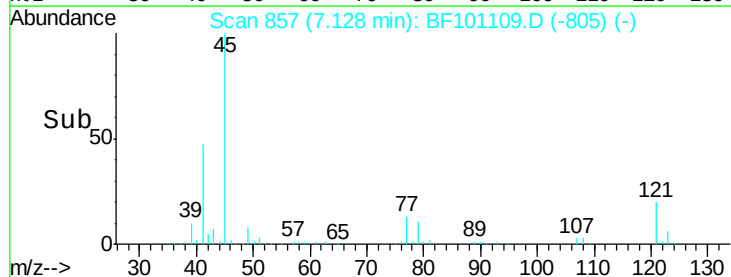
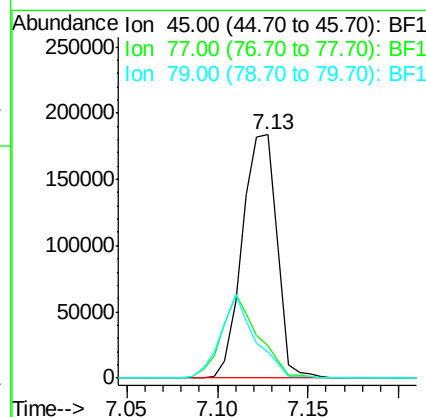
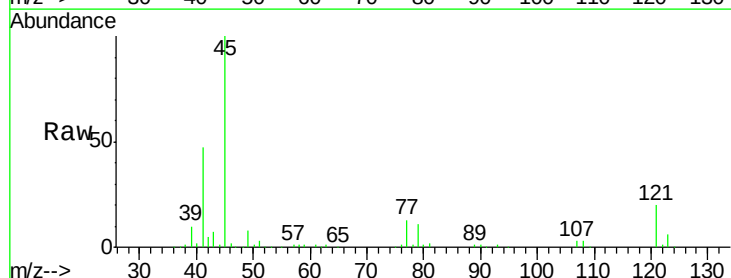
Manual Integrations
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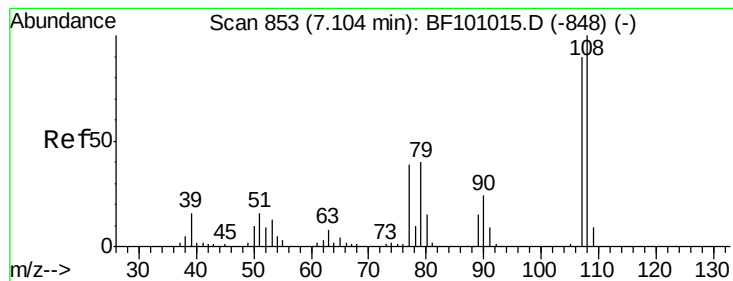
Sohil
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.29 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.01 min
Lab File: BF101109.D
Acq: 4 Dec 2017 20:16

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.4	0.0	32.9
79	10.8	0.0	29.6





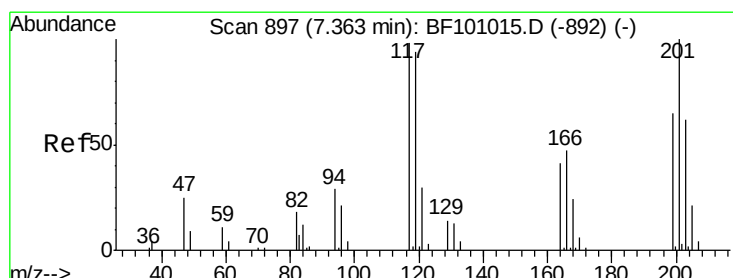
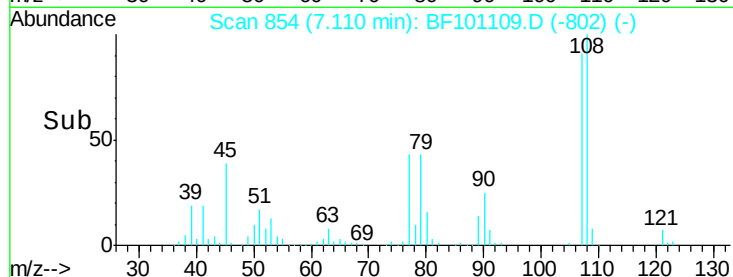
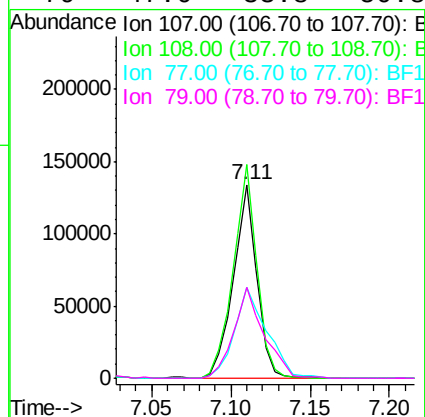
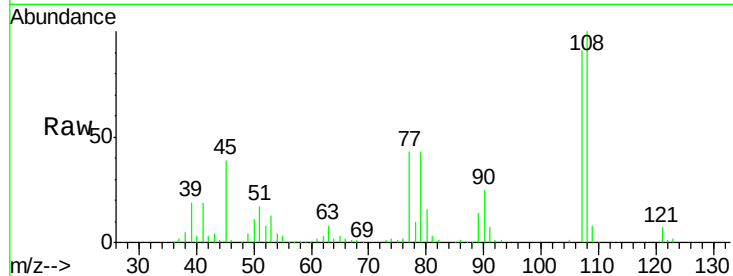
#17
2-Methylphenol
Concen: 46.30 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF101109.D
Acq: 4 Dec 2017 20:16

Instrument :
BNA_F
ClientSampleId :
BSC-SB-04MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.4	91.7	137.5	
77	47.3	33.8	50.8	
79	47.0	33.8	50.8	

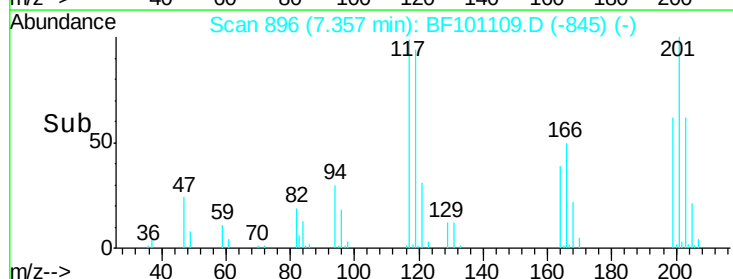
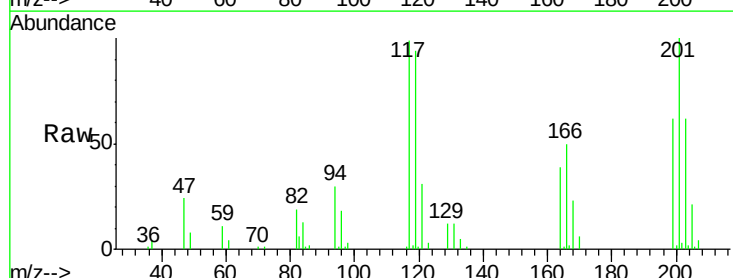
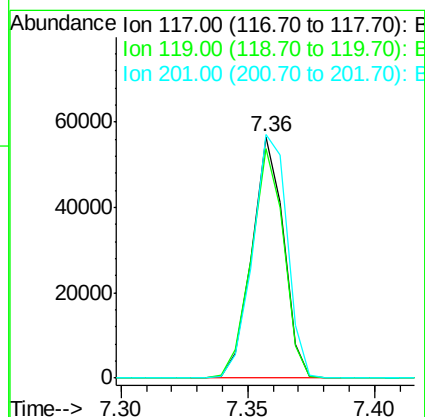
Manual Integrations
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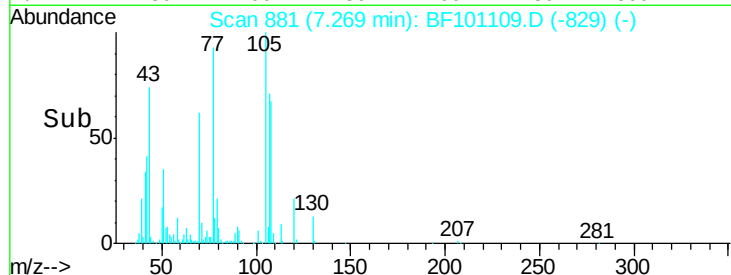
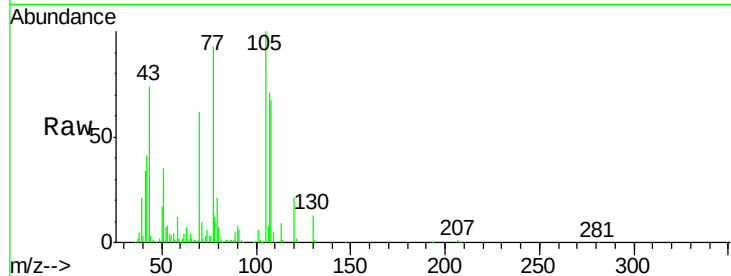
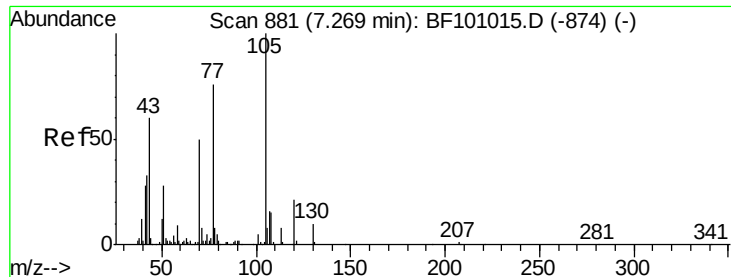
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#18
Hexachloroethane
Concen: 34.37 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF101109.D
Acq: 4 Dec 2017 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.9	75.8	113.8	
201	100.9	75.7	113.5	





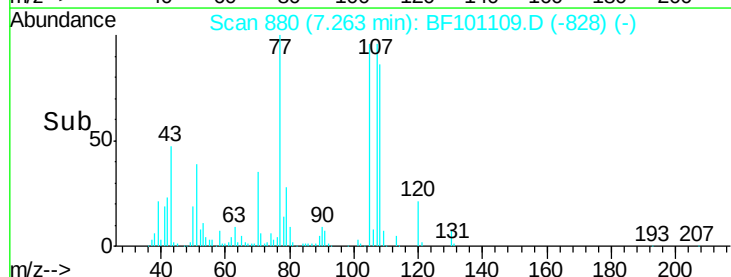
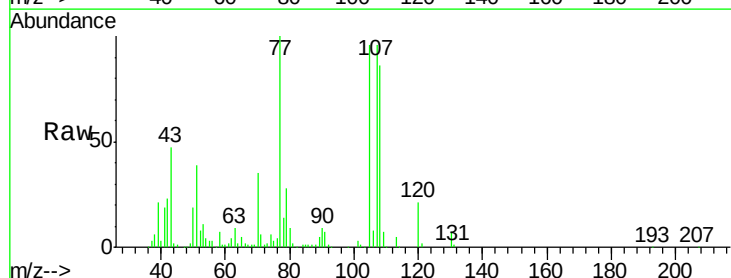
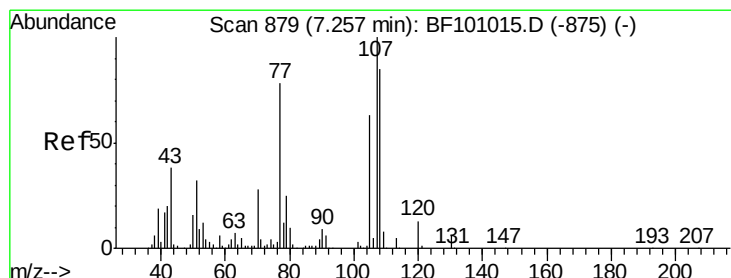
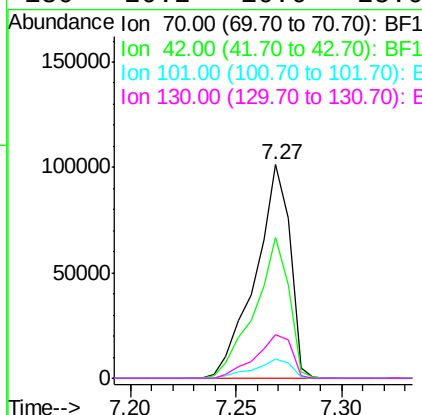
#19
n-Nitroso-di-n-propylamine
Concen: 41.70 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF101109.D
Acq: 4 Dec 2017 20:16

Instrument :
BNA_F
ClientSampleId :
BSC-SB-04MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	66.2	47.5	71.3
101	8.9	7.4	11.2
130	20.2	16.6	25.0

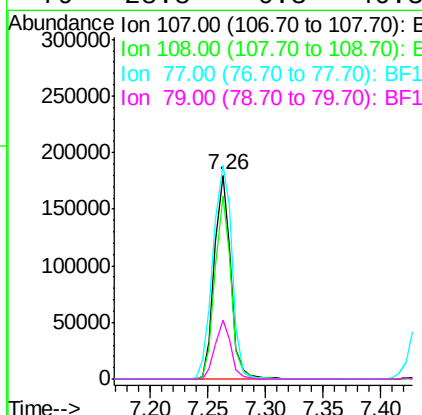
Manual Integrations
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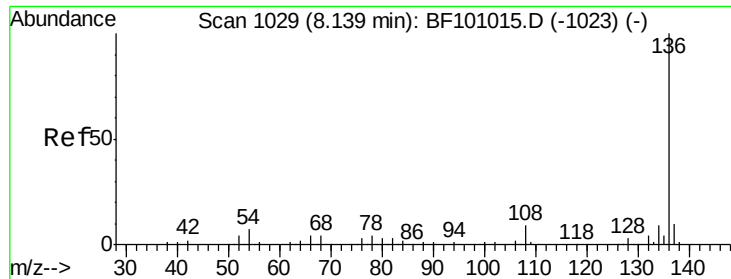
Sohil
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#20
3+4-Methylphenols
Concen: 44.98 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.01 min
Lab File: BF101109.D
Acq: 4 Dec 2017 20:16

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.9	68.2	108.2
77	104.6	26.7	66.7#
79	28.8	6.3	46.3





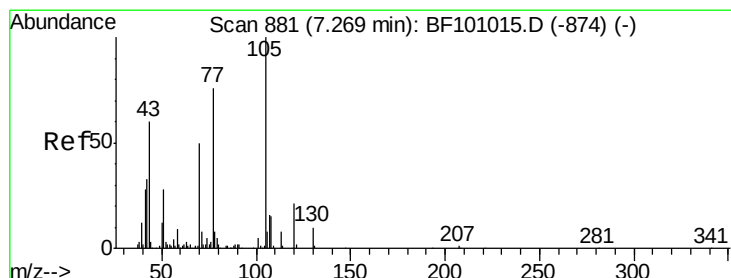
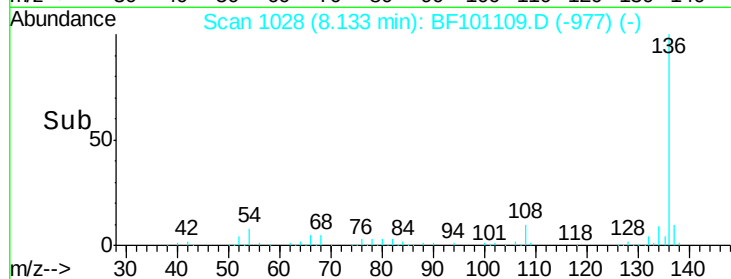
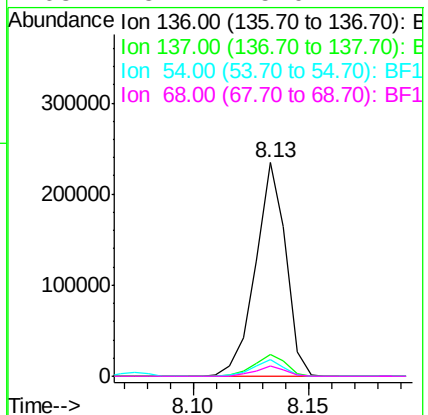
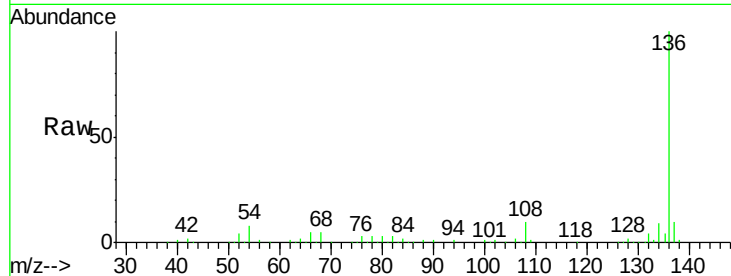
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF101109.D
Acq: 4 Dec 2017 20:16

Instrument :
BNA_F
ClientSampleId :
BSC-SB-04MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	214903		
137	10.4	8.9	13.3	
54	7.7	6.6	9.8	
68	5.1	5.0	7.4	

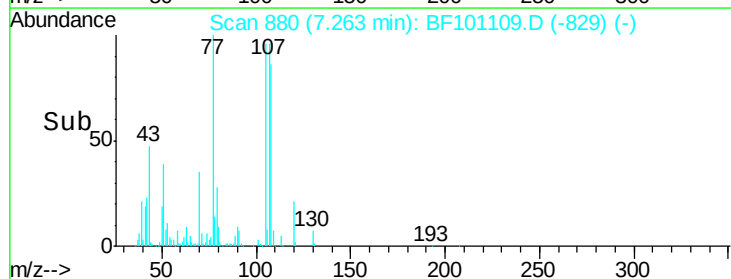
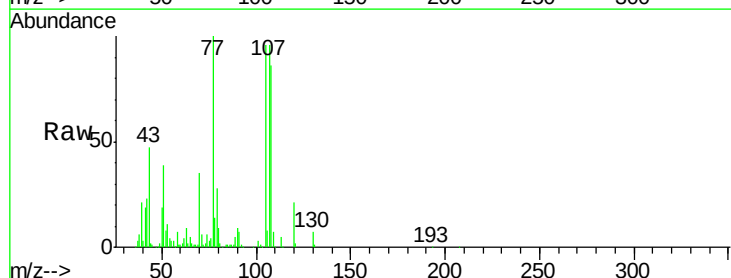
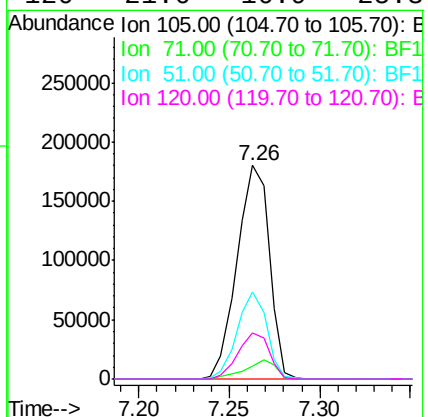
Manual Integrations
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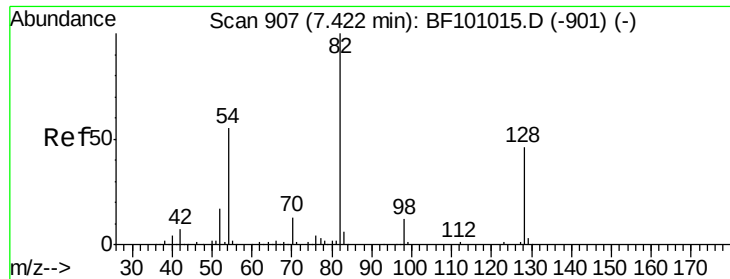
Sohil
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#22
Acetophenone
Concen: 43.03 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF101109.D
Acq: 4 Dec 2017 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	223430		
71	5.9	4.4	6.6	
51	40.7	22.3	33.5	
120	21.6	16.9	25.3	





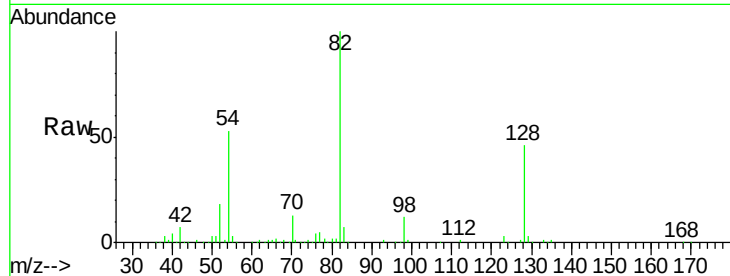
#23
Nitrobenzene-d5
Concen: 90.40 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.01 min
Lab File: BF101109.D
Acq: 4 Dec 2017 20:16

Instrument :
BNA_F
ClientSampleId :
BSC-SB-04MSD

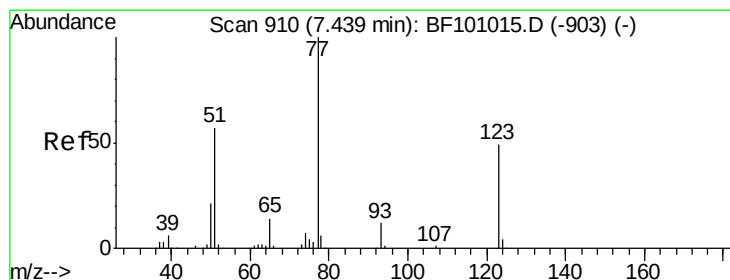
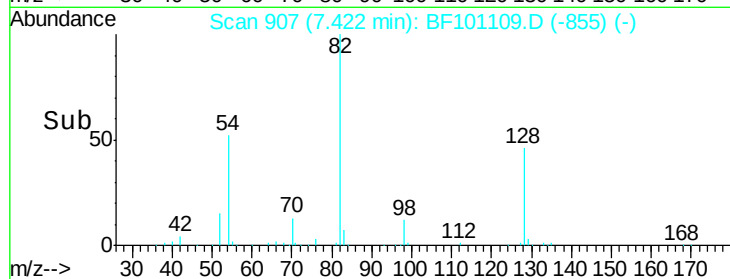
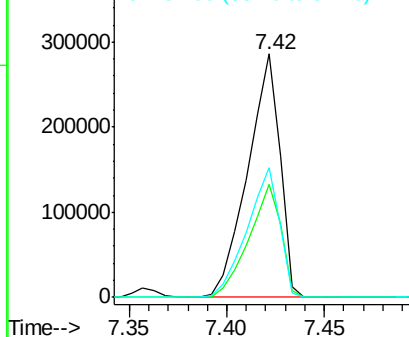
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.4	36.1	54.1	
54	53.1	41.4	62.2	

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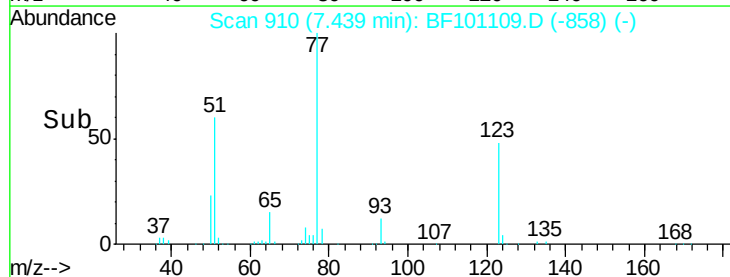
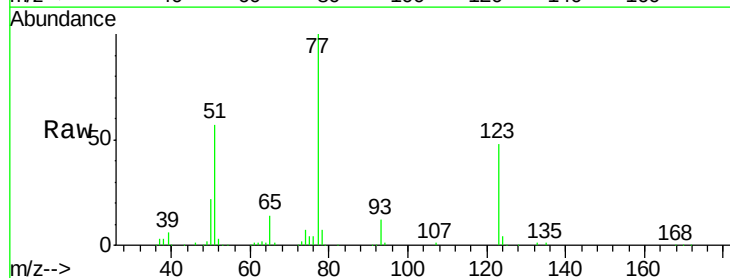
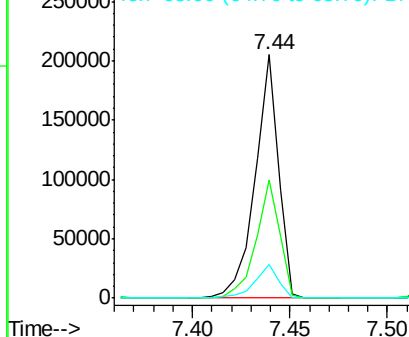
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

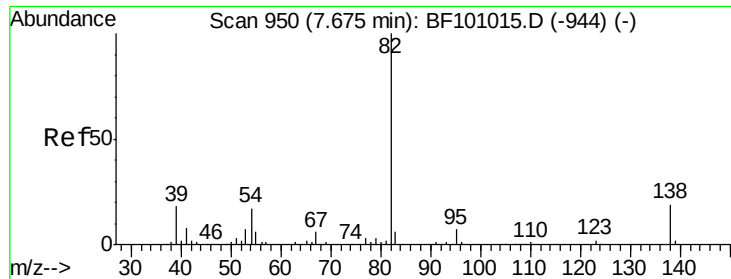


#24
Nitrobenzene
Concen: 48.08 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.01 min
Lab File: BF101109.D
Acq: 4 Dec 2017 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	48.5	37.9	56.9	
65	13.9	11.0	16.4	

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





#25

Isophorone

Concen: 50.51 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF101109.D

Acq: 4 Dec 2017 20:16

Instrument :

BNA_F

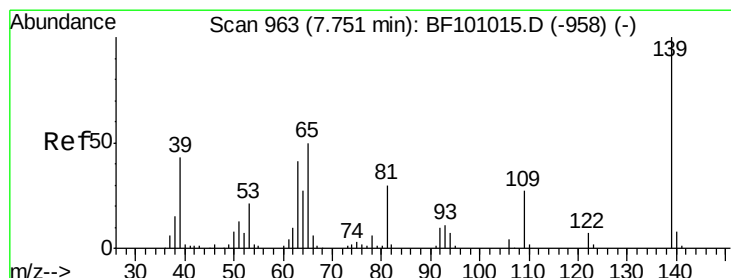
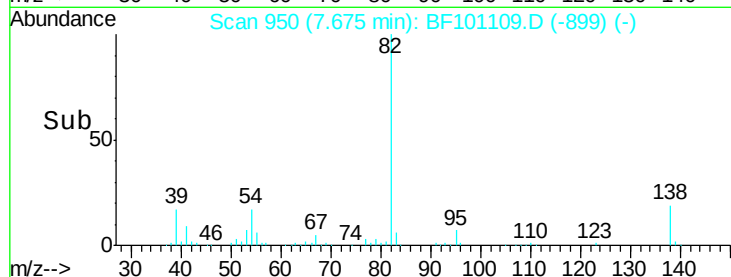
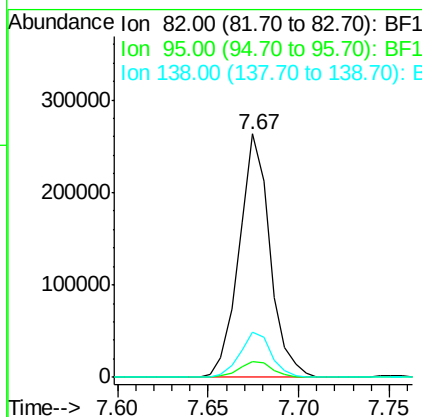
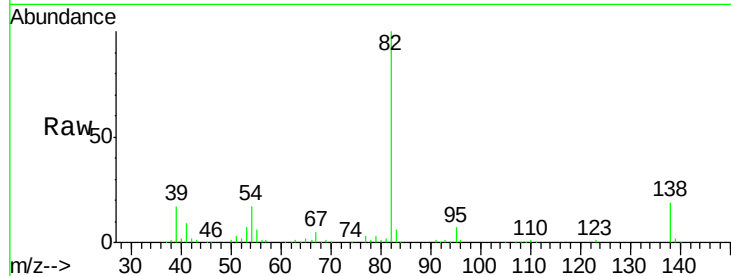
ClientSampleId :

BSC-SB-04MSD

Tot Ion:	82	Resp:	310841
Ion Ratio		Lower	Upper
82	100		
95	6.7	5.2	7.8
138	18.8	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 43.48 ng

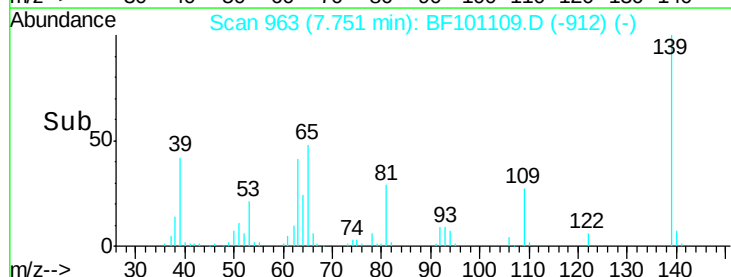
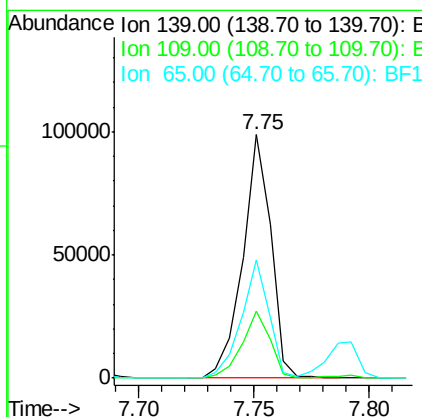
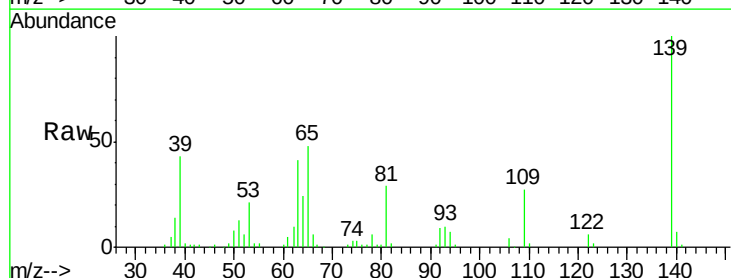
RT: 7.75 min Scan# 963

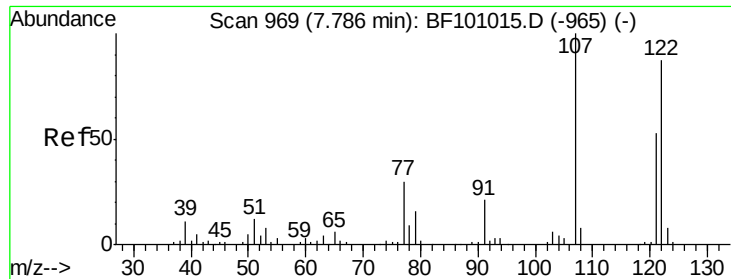
Delta R.T. 0.00 min

Lab File: BF101109.D

Acq: 4 Dec 2017 20:16

Tgt Ion:	139	Resp:	84266
Ion Ratio		Lower	Upper
139	100		
109	27.5	22.7	34.1
65	48.5	40.5	60.7





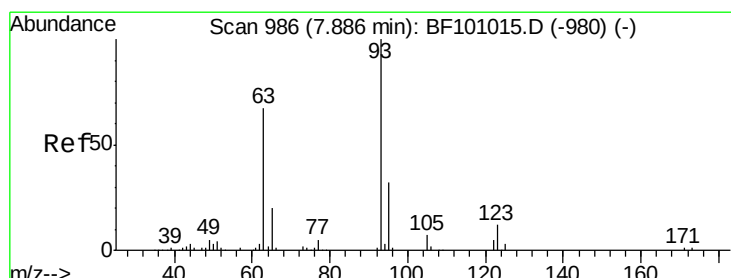
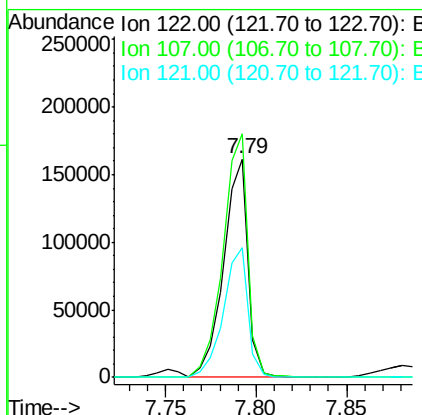
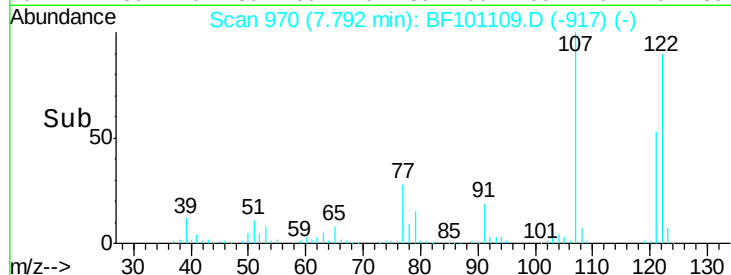
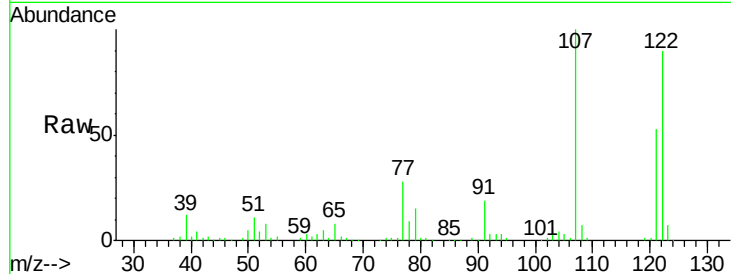
#27
 2,4-Dimethylphenol
 Concen: 53.92 ng
 RT: 7.79 min Scan# 970
 Delta R.T. 0.01 min
 Lab File: BF101109.D
 Acq: 4 Dec 2017 20:16

Instrument :
 BNA_F
 ClientSampleId :
 BSC-SB-04MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	151193		
107	111.5	91.2	136.8	
121	59.1	47.2	70.8	

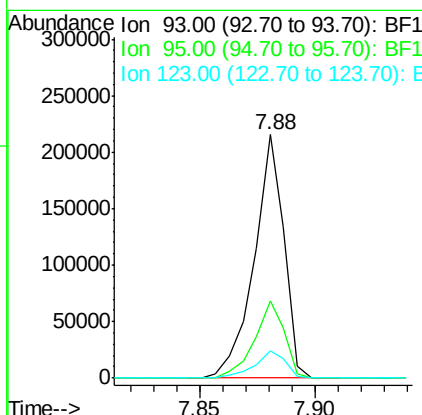
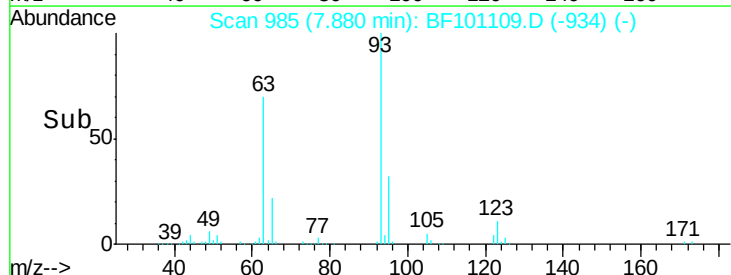
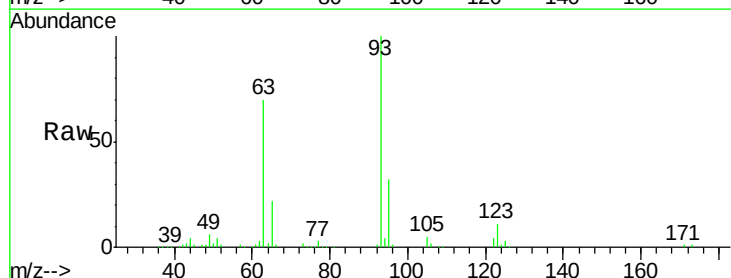
Manual Integrations
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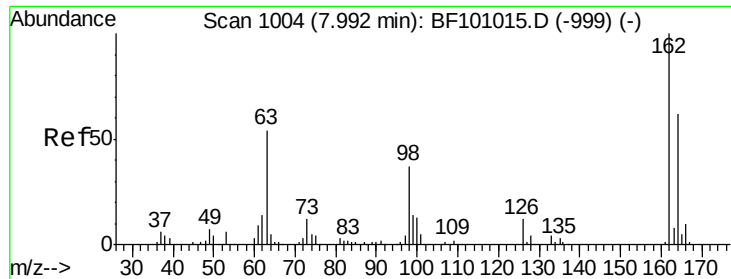
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 46.79 ng
 RT: 7.88 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: BF101109.D
 Acq: 4 Dec 2017 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	193502		
95	31.6	26.3	39.5	
123	11.4	9.8	14.6	





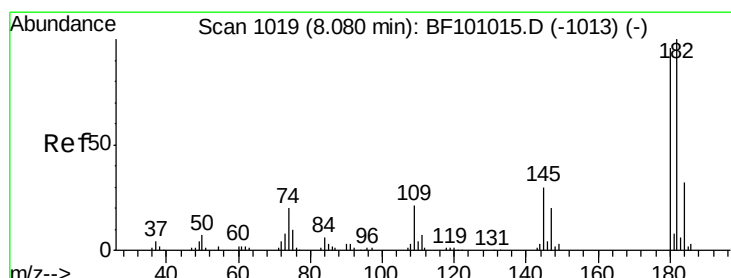
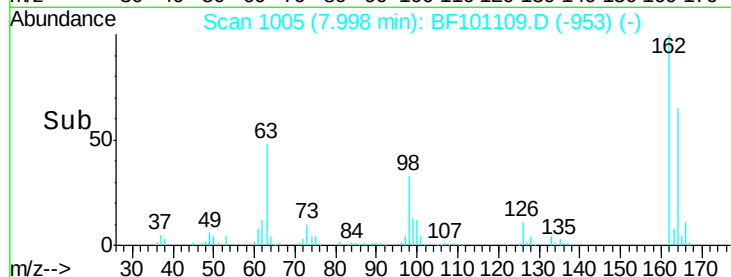
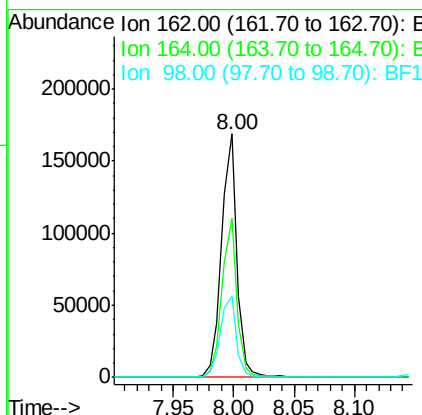
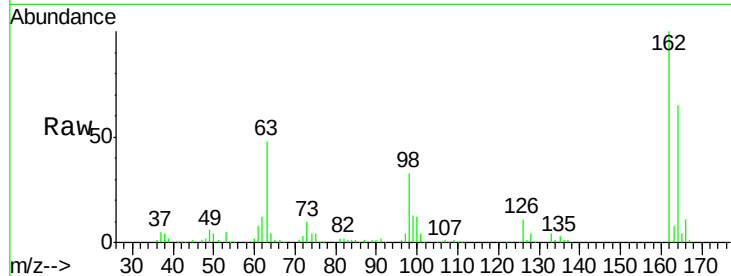
#29
2,4-Dichlorophenol
Concen: 48.52 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BF101109.D
Acq: 4 Dec 2017 20:16

Instrument :
BNA_F
ClientSampleId :
BSC-SB-04MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	148082		
164	65.5	42.7	82.7	
98	33.2	18.1	58.1	

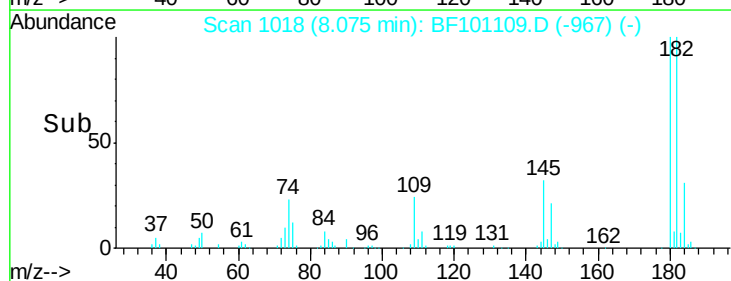
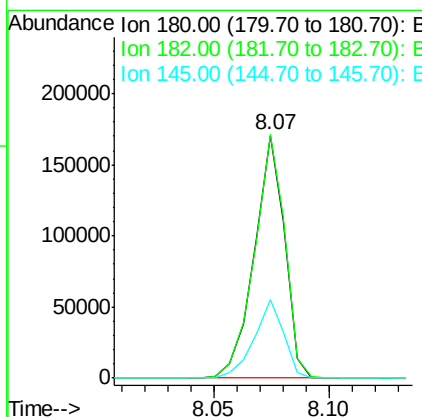
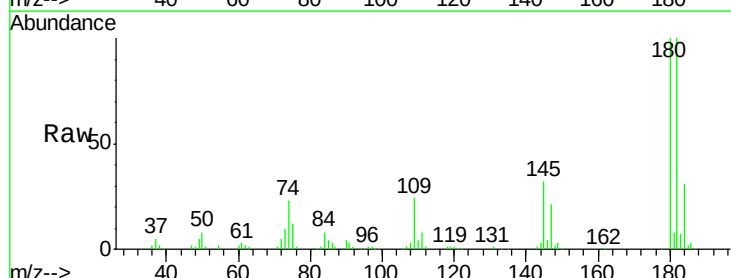
Manual Integrations
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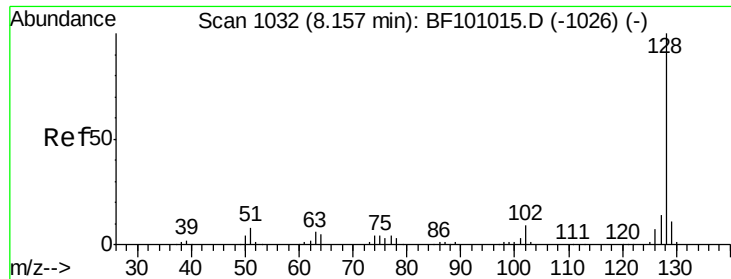
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#30
1,2,4-Trichlorobenzene
Concen: 46.65 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF101109.D
Acq: 4 Dec 2017 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	156551		
182	100.4	76.8	115.2	
145	32.2	26.5	39.7	





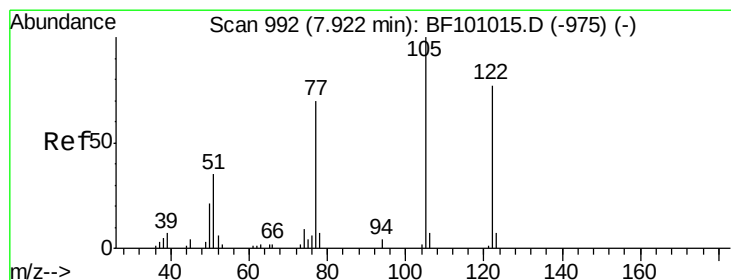
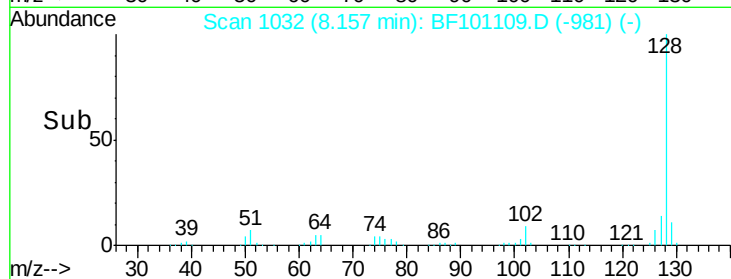
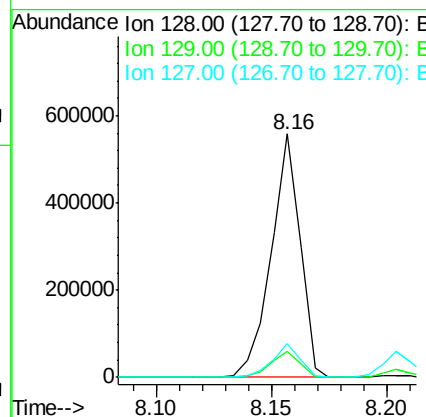
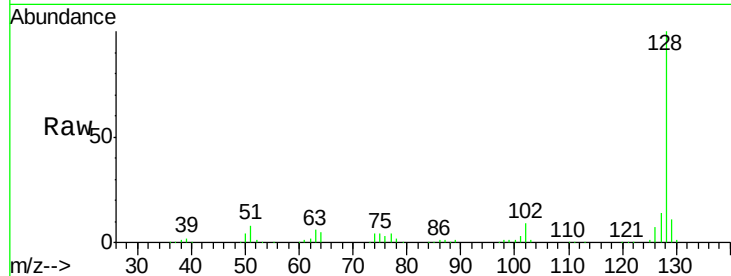
#31
Naphthalene
Concen: 45.89 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF101109.D
Acq: 4 Dec 2017 20:16

Instrument :
BNA_F
ClientSampleId :
BSC-SB-04MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	486057		
129	10.8		8.8	13.2
127	13.9		10.9	16.3

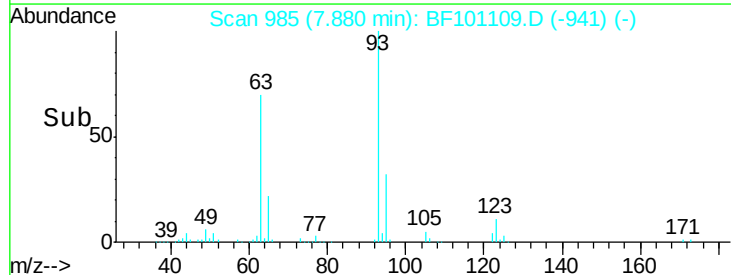
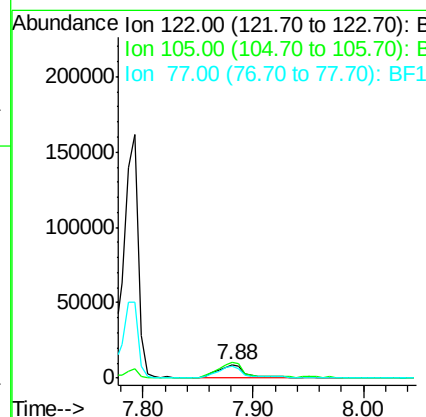
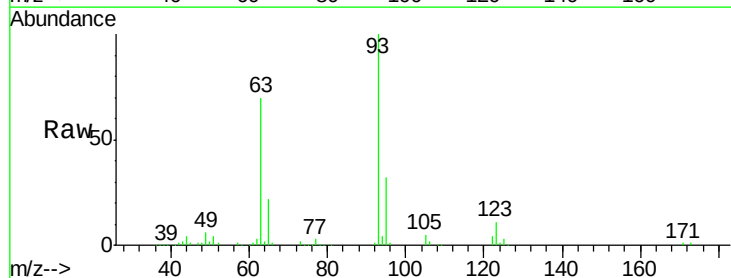
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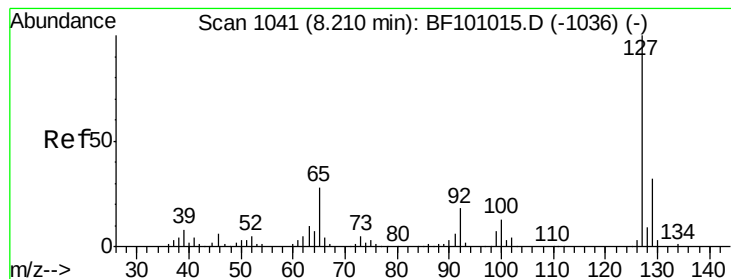
Sohil
12/5/2017 3:24:48 PM



#32
Benzoic acid
Concen: 7.95 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.04 min
Lab File: BF101109.D
Acq: 4 Dec 2017 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	17347		
105	122.3		101.1	141.1
77	85.5		70.7	110.7





#33

4-Chloroaniline

Concen: 13.57 ng

RT: 8.20 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF101109.D

Acq: 4 Dec 2017 20:16

Instrument :

BNA_F

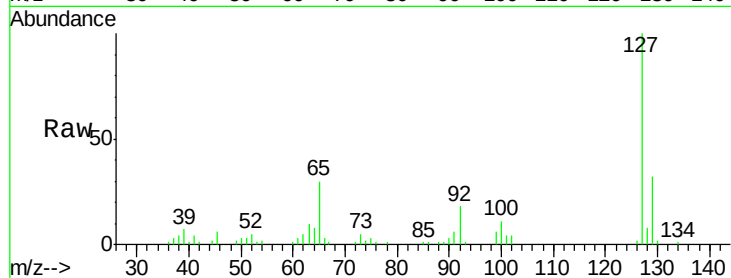
ClientSampleId :

BSC-SB-04MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		57767		
129	32.4	25.9	38.9		
65	30.0	25.0	37.4		
92	18.3	15.2	22.8		

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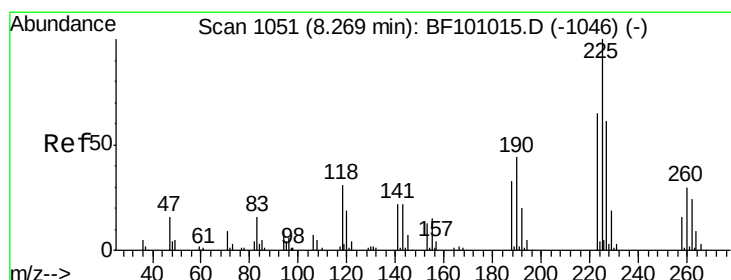
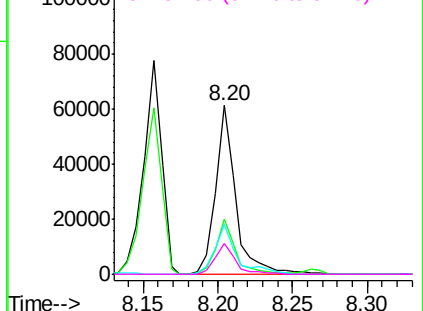
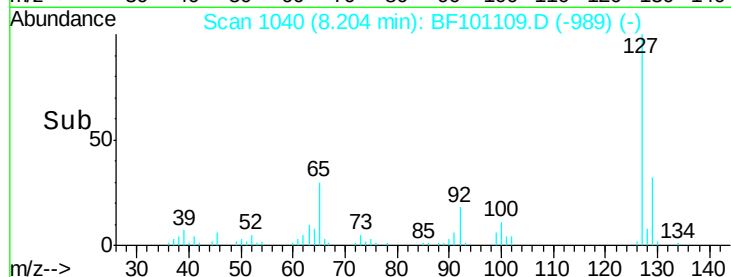


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 44.95 ng

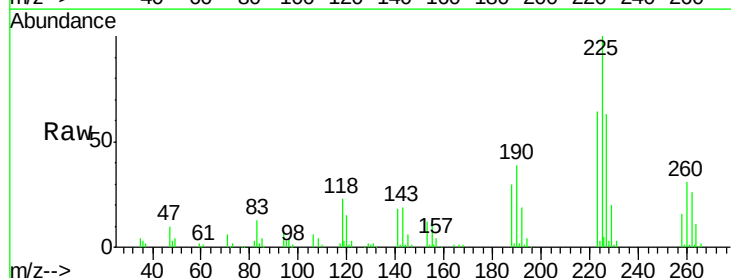
RT: 8.27 min Scan# 1051

Delta R.T. 0.01 min

Lab File: BF101109.D

Acq: 4 Dec 2017 20:16

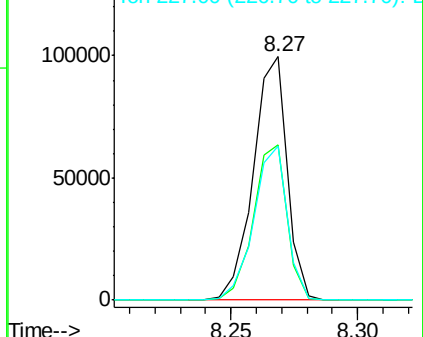
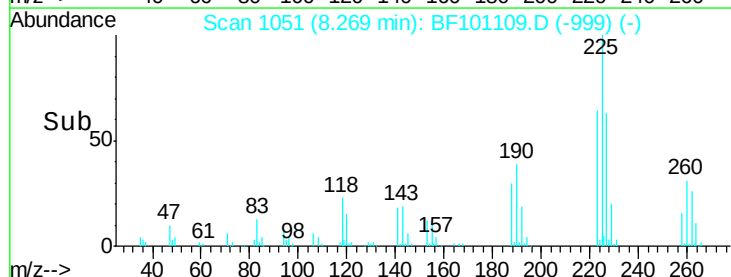
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		92524		
223	64.0	50.6	76.0		
227	63.3	51.9	77.9		

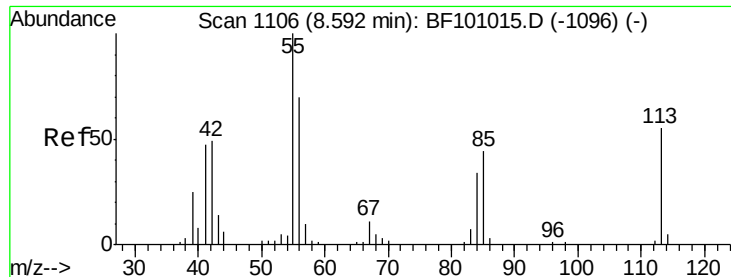


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 42.91 ng/ml

RT: 8.59 min Scan# 1106

Delta R.T. 0.01 min

Lab File: BF101109.D

Acq: 4 Dec 2017 20:16

Instrument :

BNA_F

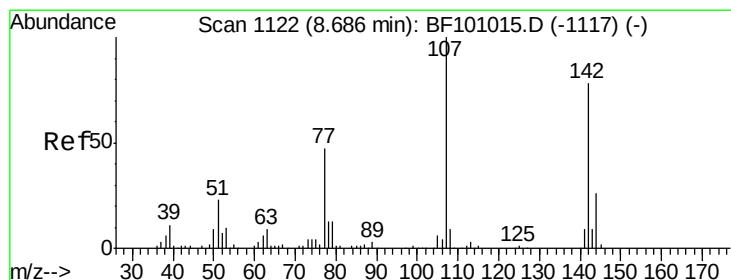
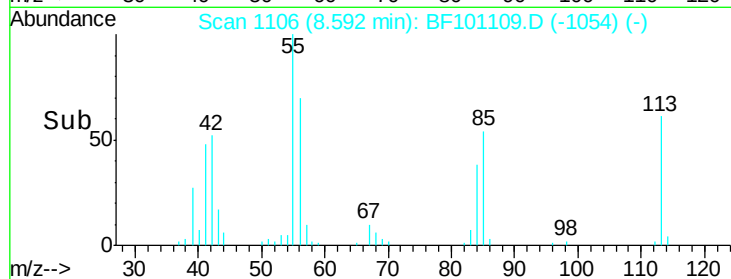
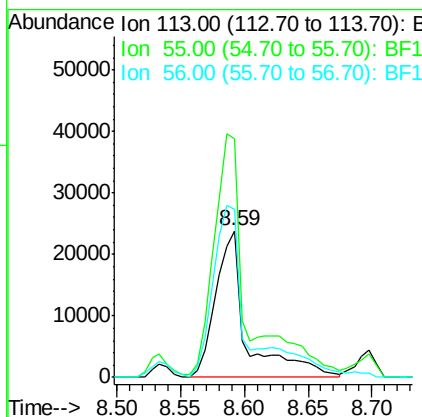
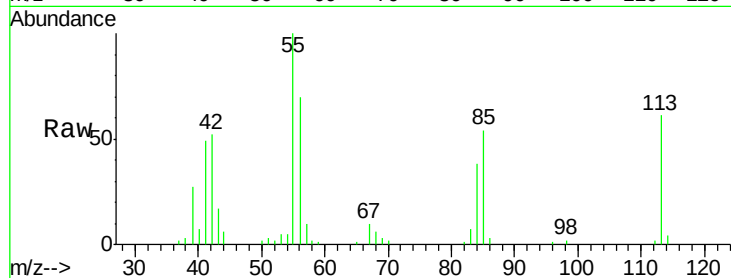
ClientSampleId :

BSC-SB-04MSD

Tot Ion:	113	Resp:	40811
Ion Ratio	Lower	Upper	
113	100		
55	163.1	163.3	203.3#
56	114.9	115.7	155.7#

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#36

4-Chloro-3-methylphenol

Concen: 46.26 ng/ml

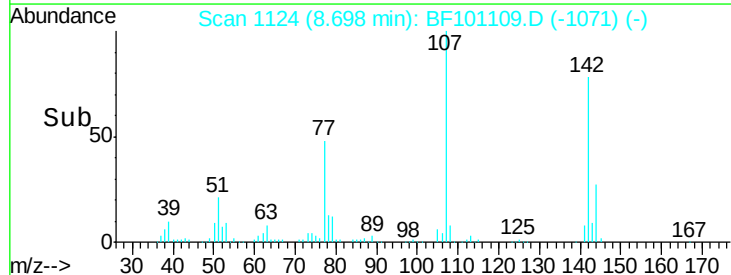
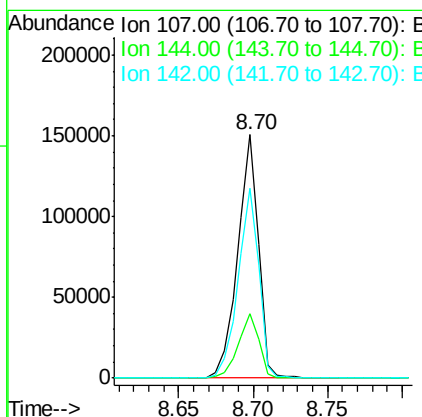
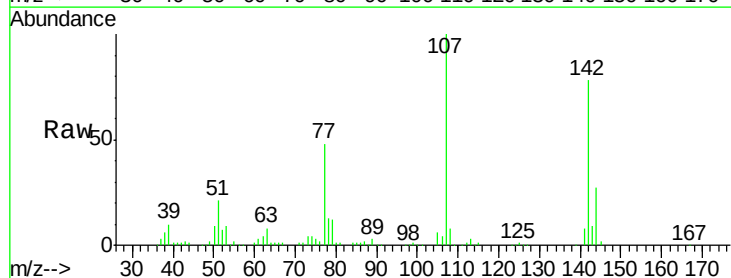
RT: 8.70 min Scan# 1124

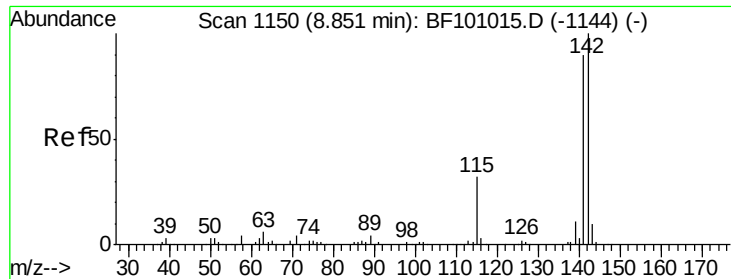
Delta R.T. 0.01 min

Lab File: BF101109.D

Acq: 4 Dec 2017 20:16

Tgt Ion:	107	Resp:	146258
Ion Ratio	Lower	Upper	
107	100		
144	26.6	20.5	30.7
142	78.2	62.0	93.0





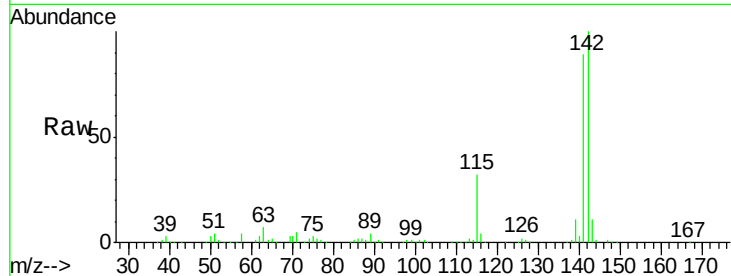
#37
2-Methylnaphthalene
Concen: 45.56 ng
RT: 8.85 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF101109.D
Acq: 4 Dec 2017 20:16

Instrument :
BNA_F
ClientSampleId :
BSC-SB-04MSD

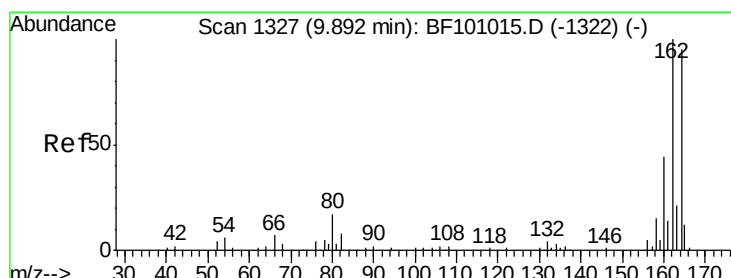
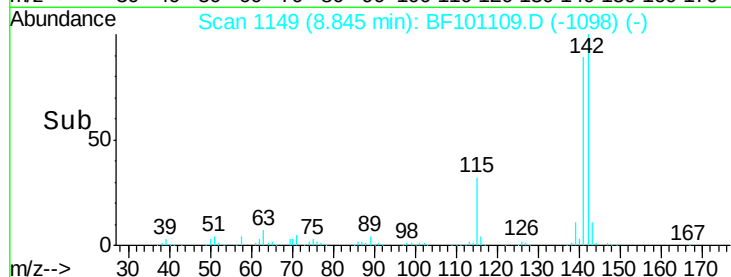
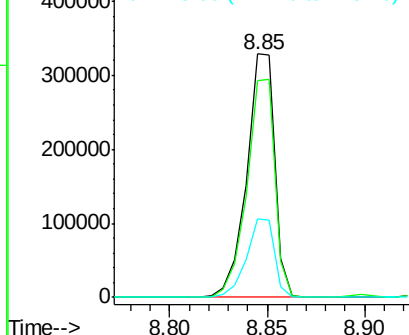
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.8	106.2
115	32.4	26.1	39.1

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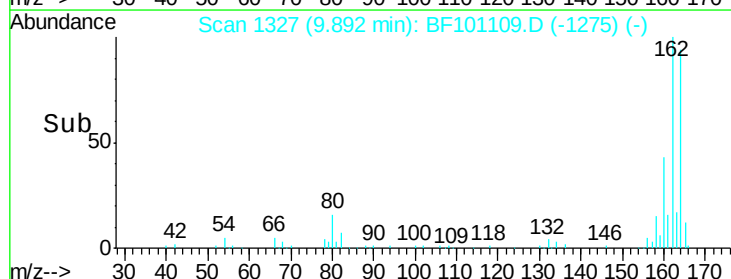
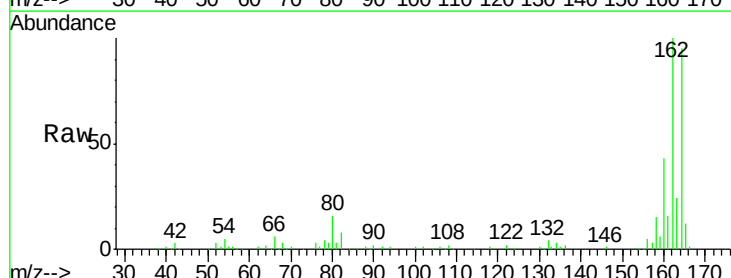
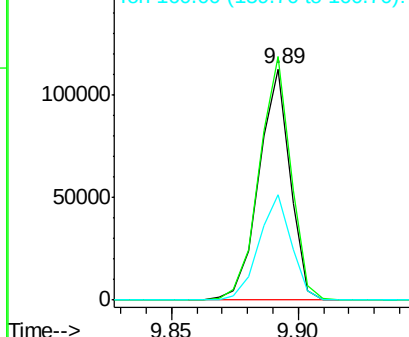
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

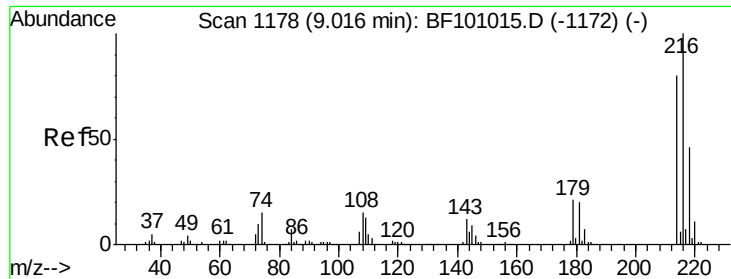


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF101109.D
Acq: 4 Dec 2017 20:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.3	86.1	129.1
160	45.4	38.3	57.5

Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





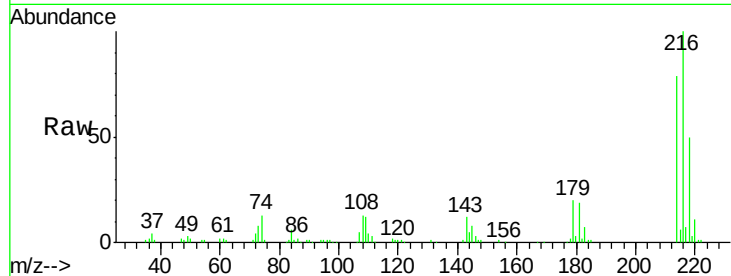
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.23 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: BF101109.D
 Acq: 4 Dec 2017 20:16

Instrument :
 BNA_F
 ClientSampleId :
 BSC-SB-04MSD

Tot Ion	Ratio	Lower	Upper
216	100		
214	77.8	63.0	94.4
179	20.4	18.1	27.1
108	15.2	17.2	25.8

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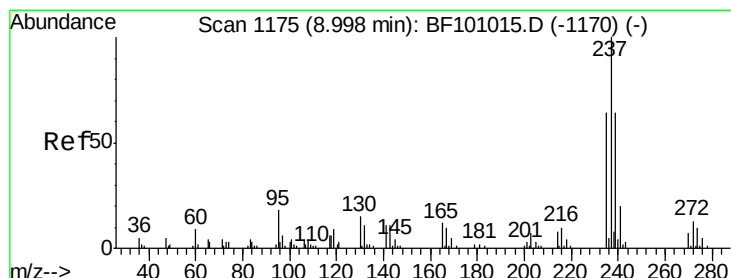
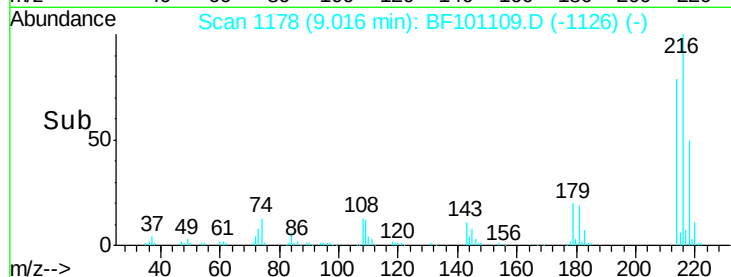
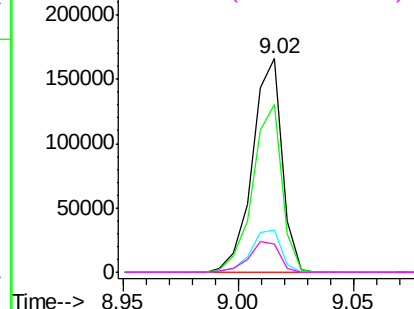
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

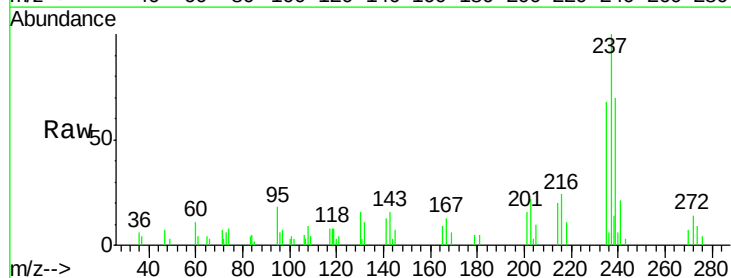
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 15.53 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF101109.D
 Acq: 4 Dec 2017 20:16

Tgt Ion	Ratio	Lower	Upper
237	100		
235	68.5	44.8	84.8
272	14.5	0.0	33.3

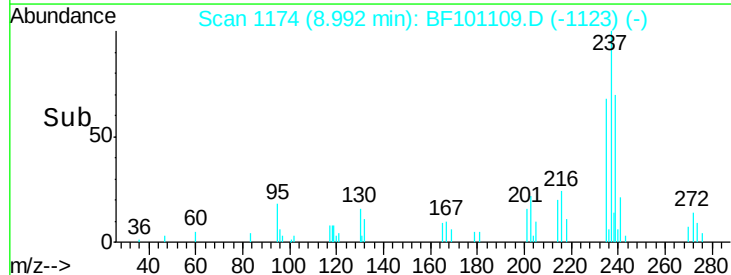
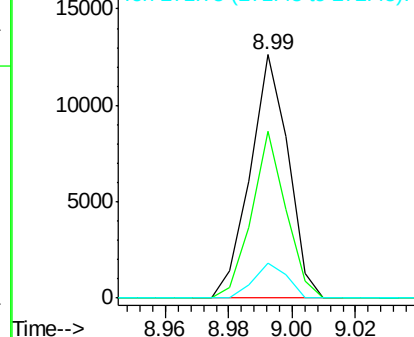


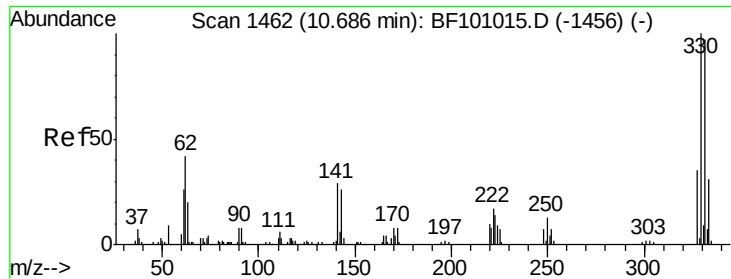
Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





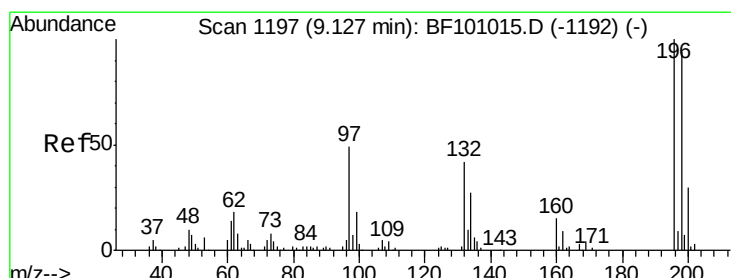
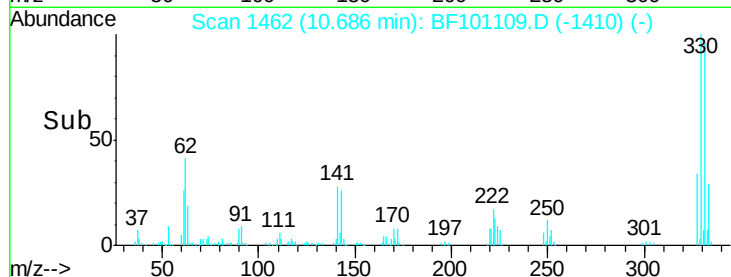
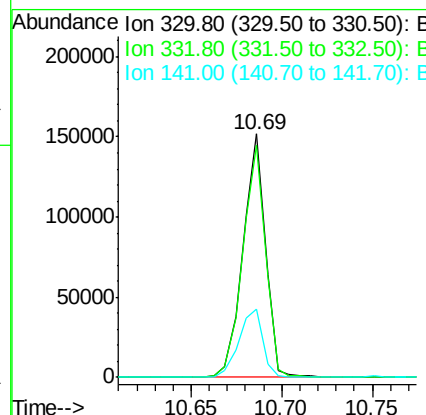
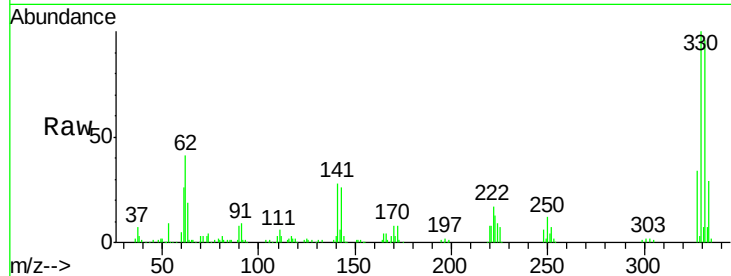
#41
 2,4,6-Tribromophenol
 Concen: 112.56 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.01 min
 Lab File: BF101109.D
 Acq: 4 Dec 2017 20:16

Instrument :
 BNA_F
 ClientSampleId :
 BSC-SB-04MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	131091		
332	97.1	77.0	115.6	
141	29.7	29.9	44.9#	

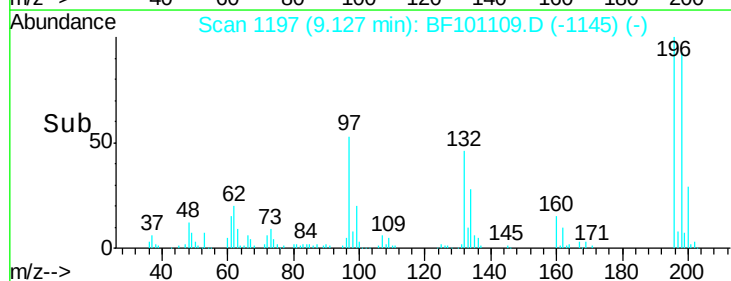
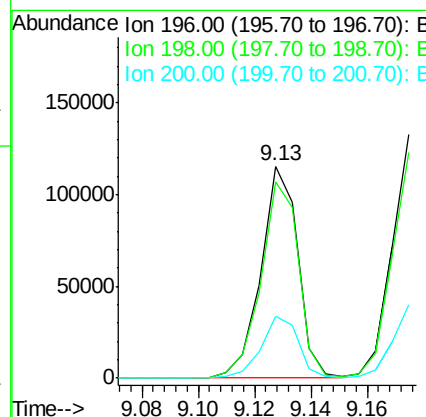
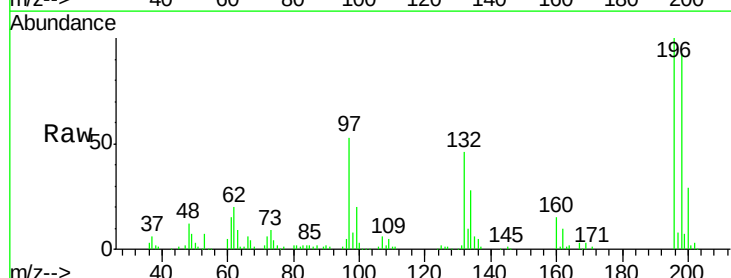
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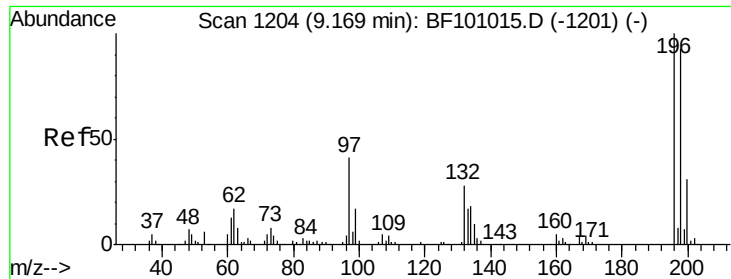
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#42
 2,4,6-Trichlorophenol
 Concen: 50.72 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.01 min
 Lab File: BF101109.D
 Acq: 4 Dec 2017 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	104720		
198	93.0	75.7	113.5	
200	29.3	24.5	36.7	





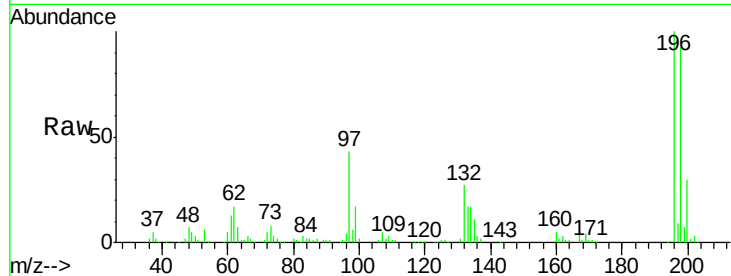
#43
 2,4,5-Trichlorophenol
 Concen: 49.36 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF101109.D
 Acq: 4 Dec 2017 20:16

Instrument :
 BNA_F
 ClientSampleId :
 BSC-SB-04MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	108952		
198	92.9	74.6	112.0	
97	42.9	42.9	64.3	
132	27.2	26.3	39.5	

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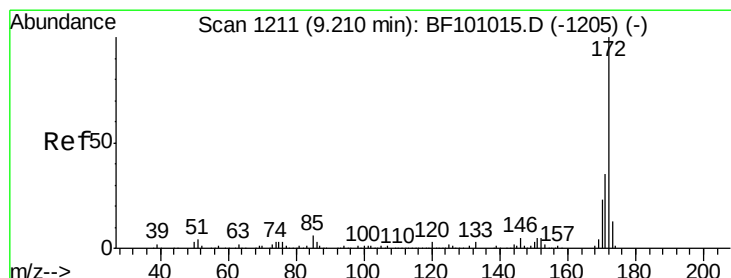
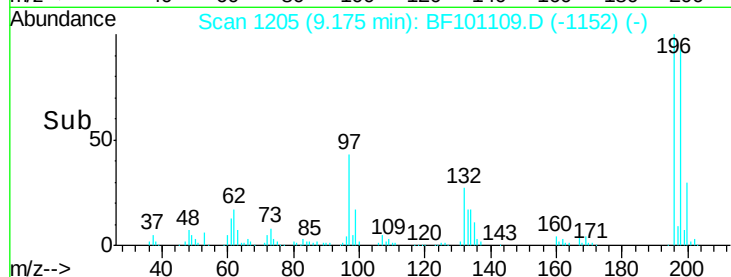
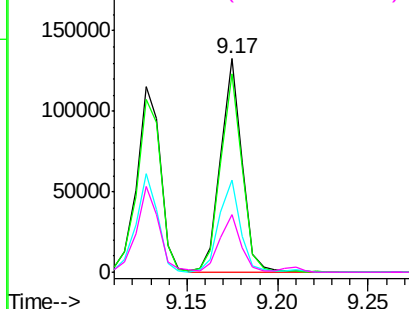
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

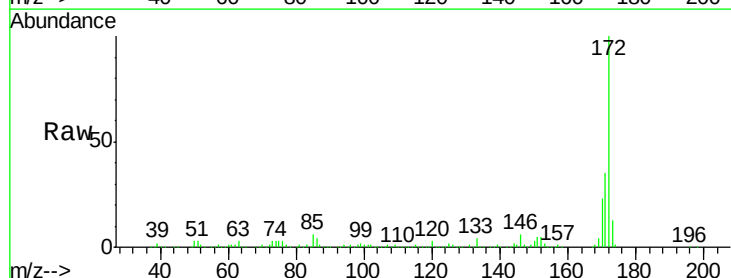
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 89.69 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF101109.D
 Acq: 4 Dec 2017 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	635528		
171	35.2	29.7	44.5	
170	23.4	19.6	29.4	

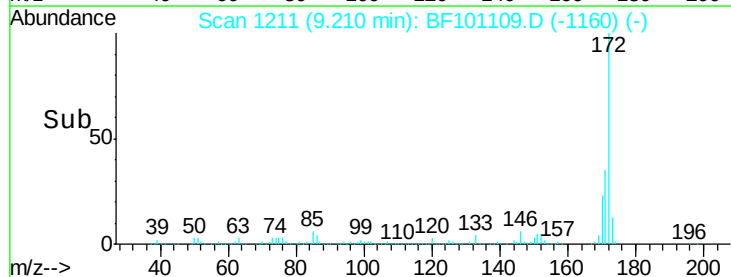
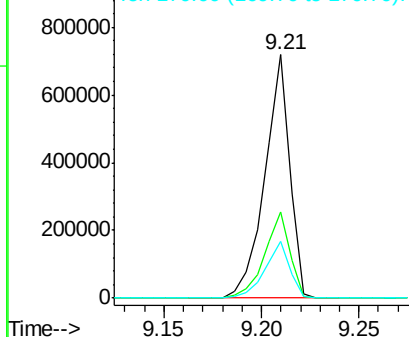


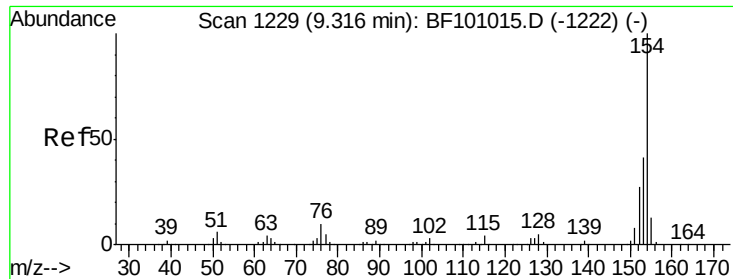
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 42.50 ng

RT: 9.31 min Scan# 1228

Delta R.T. 0.00 min

Lab File: BF101109.D

Acq: 4 Dec 2017 20:16

Instrument :

BNA_F

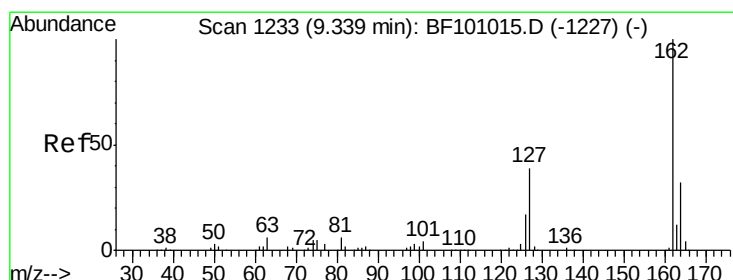
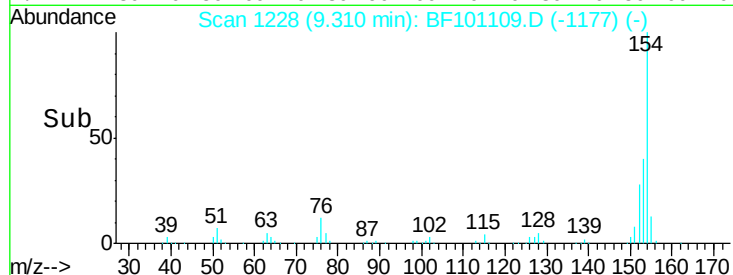
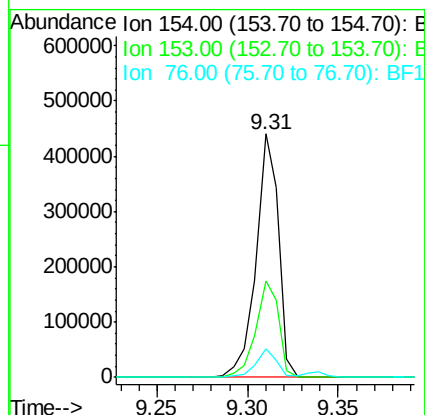
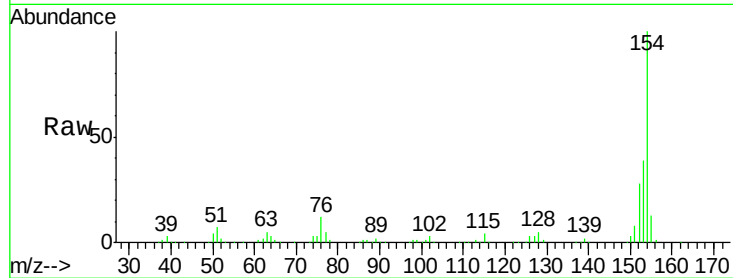
ClientSampleId :

BSC-SB-04MSD

Tot Ion:	154	Resp:	377478
Ion Ratio	Lower	Upper	
154	100		
153	39.4	21.3	61.3
76	11.6	0.0	34.0

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12/5/2017 3:24:48 PM



#46

2-Chloronaphthalene

Concen: 48.01 ng

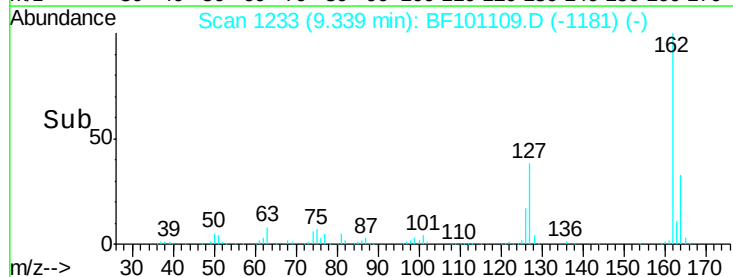
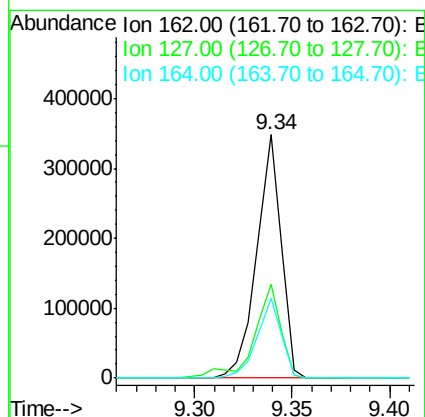
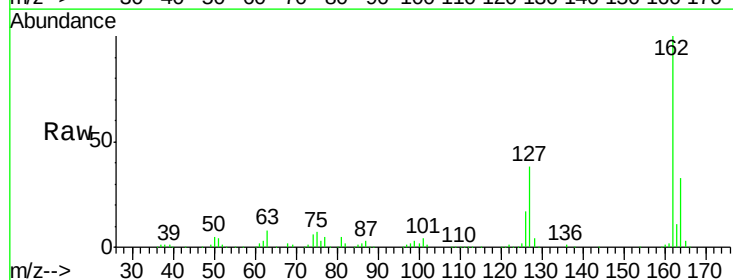
RT: 9.34 min Scan# 1233

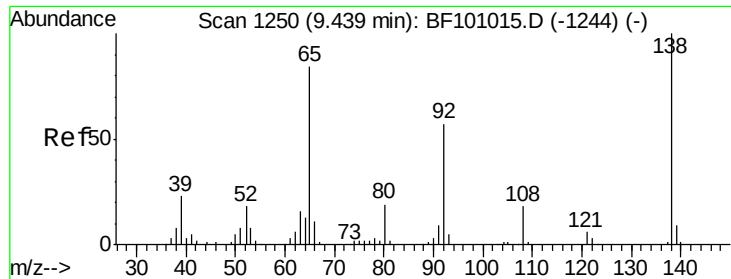
Delta R.T. 0.01 min

Lab File: BF101109.D

Acq: 4 Dec 2017 20:16

Tgt Ion:	162	Resp:	302848
Ion Ratio	Lower	Upper	
162	100		
127	38.4	33.9	50.9
164	32.6	26.5	39.7





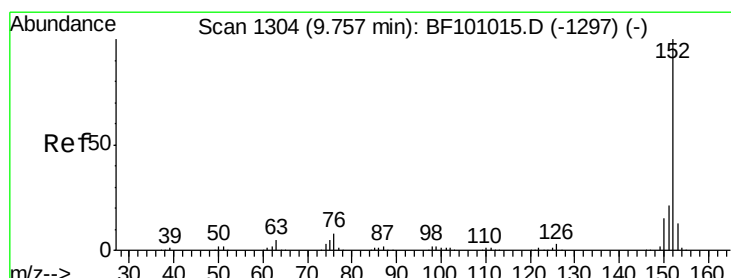
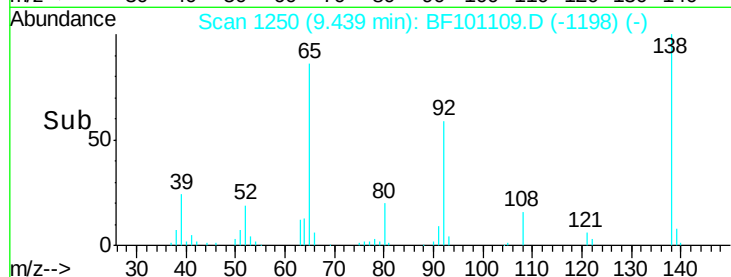
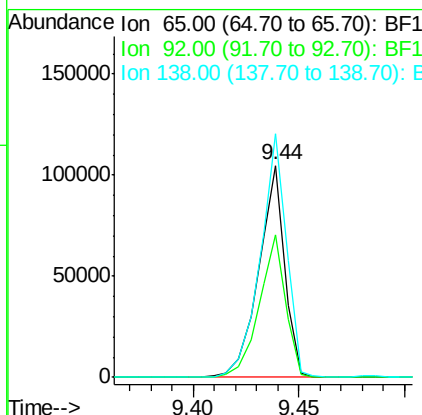
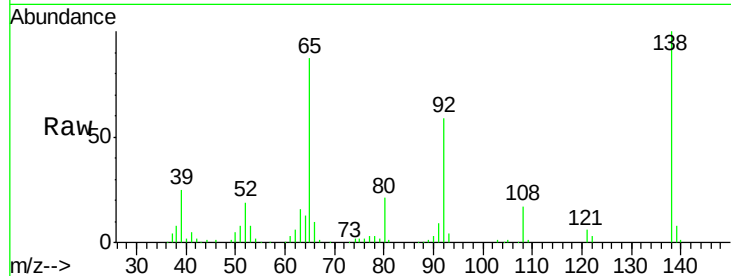
#47
2-Nitroaniline
Concen: 48.22 ng
RT: 9.44 min Scan# 1250
Delta R.T. 0.01 min
Lab File: BF101109.D
Acq: 4 Dec 2017 20:16

Instrument :
BNA_F
ClientSampleId :
BSC-SB-04MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.3	55.8	83.6
138	115.0	91.2	136.8

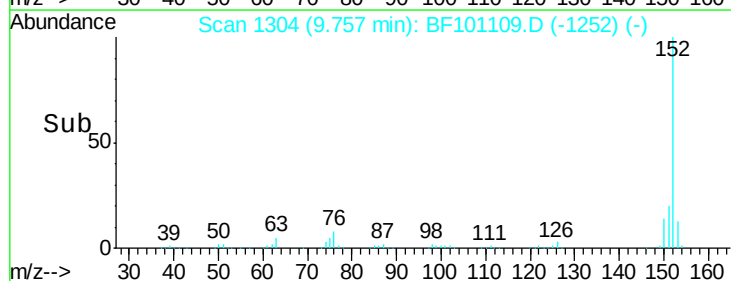
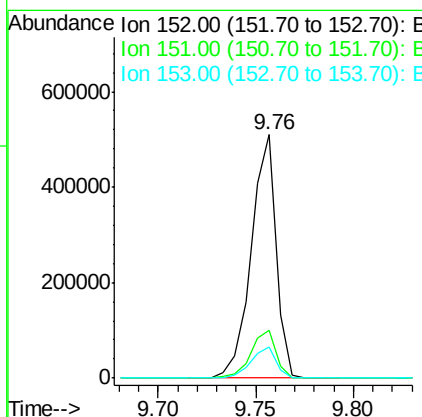
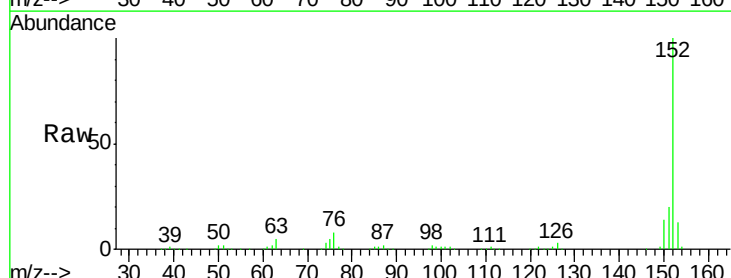
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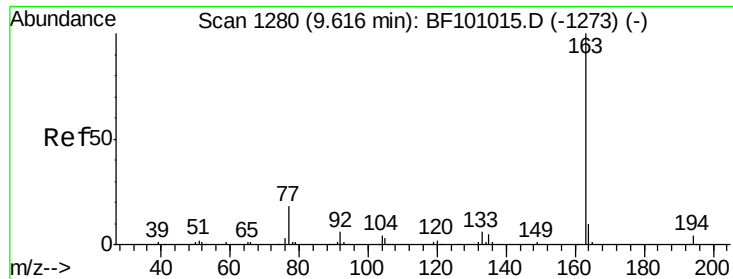
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#48
Acenaphthylene
Concen: 43.44 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.01 min
Lab File: BF101109.D
Acq: 4 Dec 2017 20:16

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.3	24.5
153	13.0	10.7	16.1





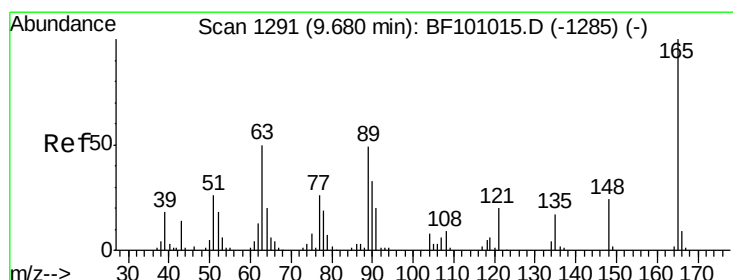
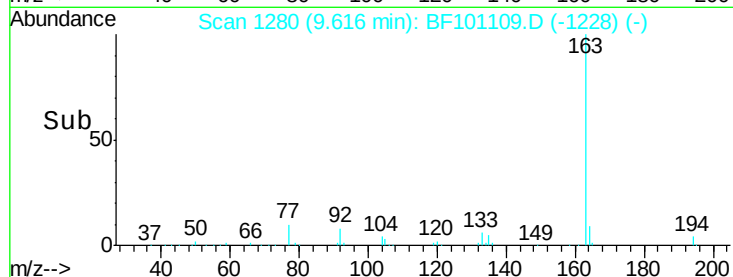
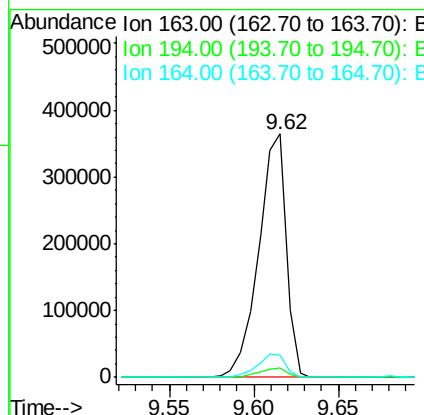
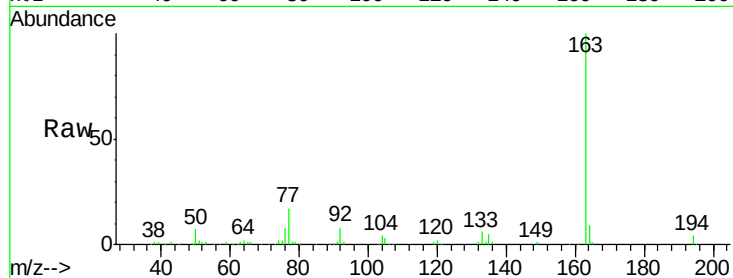
#49
Dimethylphthalate
Concen: 52.86 ng
RT: 9.62 min Scan# 1280
Delta R.T. 0.01 min
Lab File: BF101109.D
Acq: 4 Dec 2017 20:16

Instrument :
BNA_F
ClientSampleId :
BSC-SB-04MSD

Tot Ion:	163	Resp:	413321
Ion Ratio	Lower	Upper	
163	100		
194	4.0	2.7	4.1
164	9.3	8.2	12.2

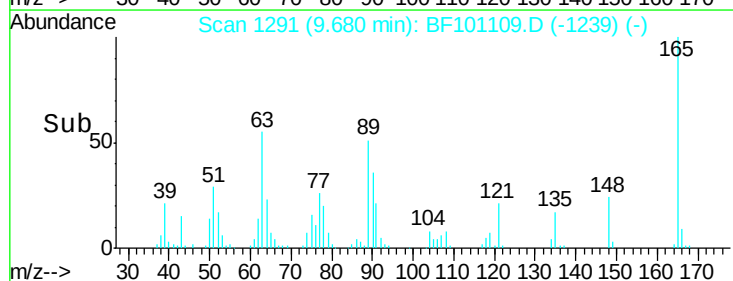
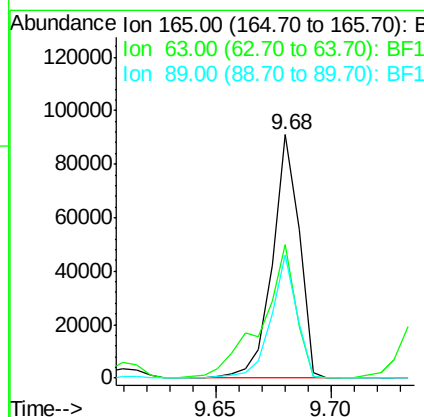
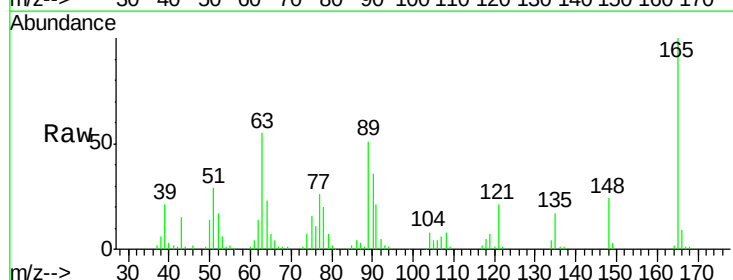
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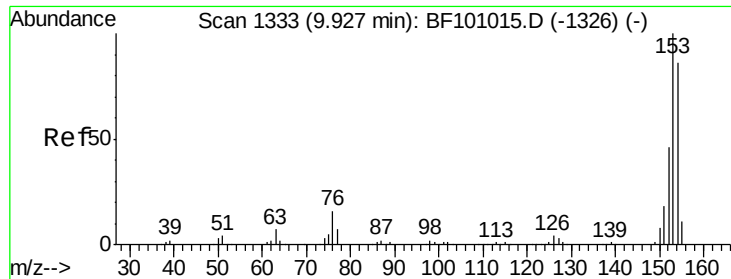
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12/5/2017 3:24:48 PM



#50
2,6-Dinitrotoluene
Concen: 44.57 ng
RT: 9.68 min Scan# 1291
Delta R.T. 0.01 min
Lab File: BF101109.D
Acq: 4 Dec 2017 20:16

Tgt Ion:	165	Resp:	73401
Ion Ratio	Lower	Upper	
165	100		
63	55.0	44.7	67.1
89	50.8	44.0	66.0





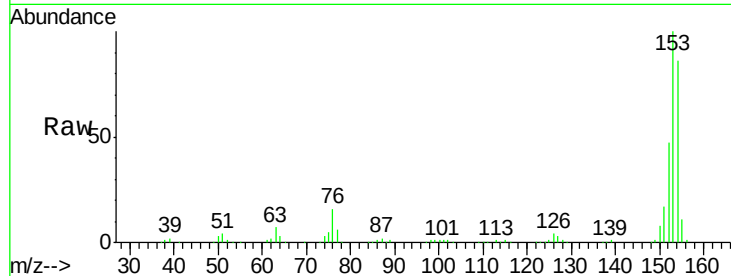
#51
Acenaphthene
Concen: 41.85 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF101109.D
Acq: 4 Dec 2017 20:16

Instrument :
BNA_F
ClientSampleId :
BSC-SB-04MSD

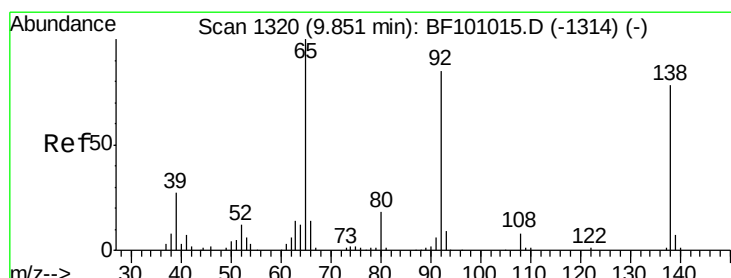
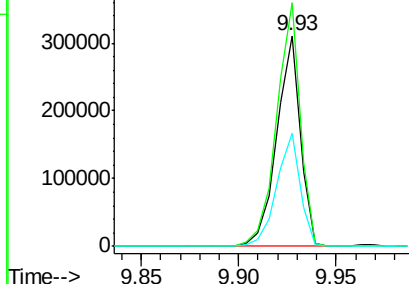
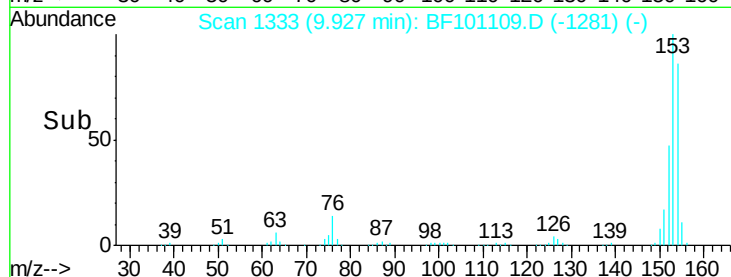
Tot Ion	Ratio	Lower	Upper
154	100		
153	115.6	91.2	136.8
152	53.9	43.8	65.8

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12/5/2017 3:24:48 PM

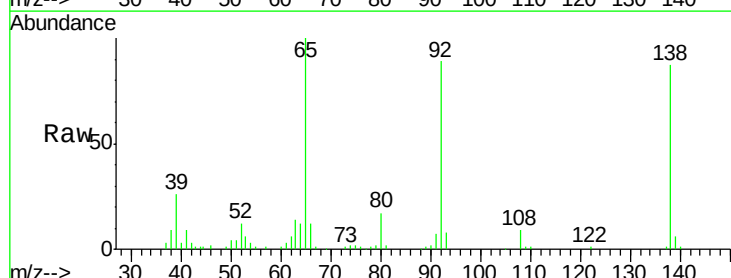


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

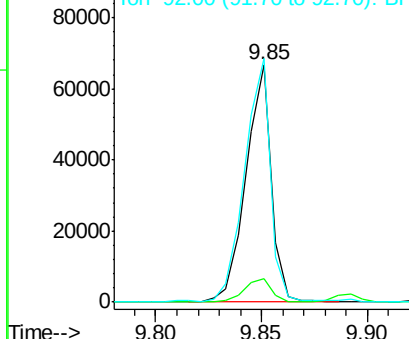
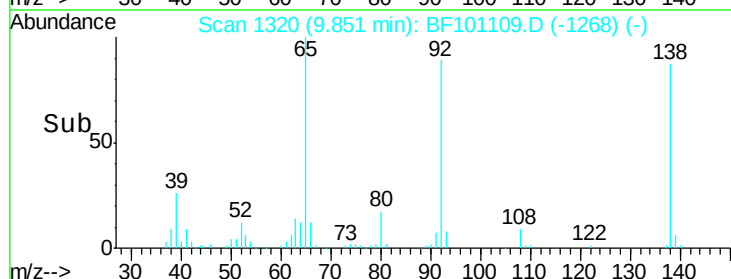


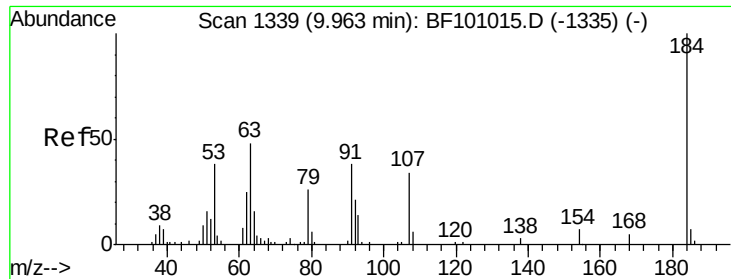
#52
3-Nitroaniline
Concen: 30.13 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.01 min
Lab File: BF101109.D
Acq: 4 Dec 2017 20:16

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.1	9.4	14.0
92	102.4	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





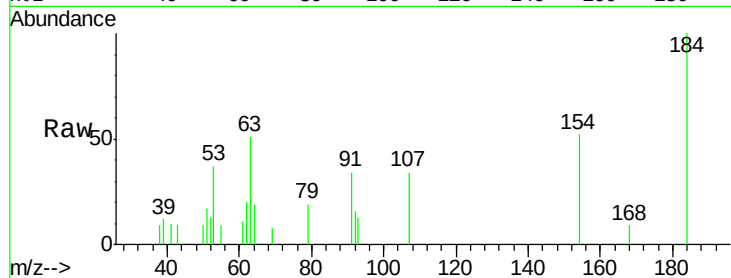
#53
 2,4-Dinitrophenol
 Concen: 9.29 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. 0.01 min
 Lab File: BF101109.D
 Acq: 4 Dec 2017 20:16

Instrument :
 BNA_F
 ClientSampleId :
 BSC-SB-04MSD

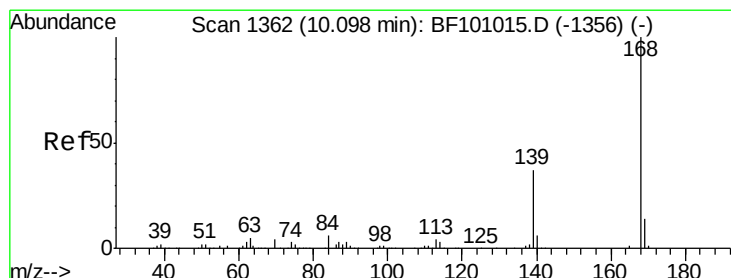
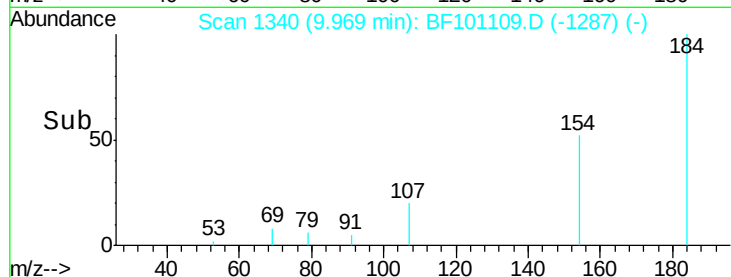
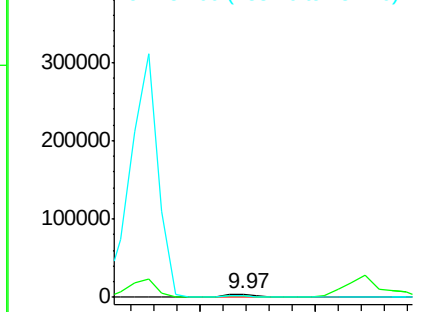
Tot Ion	Ratio	Lower	Upper
184	100		
63	51.3	54.2	81.2#
154	52.2	184.0	276.0#

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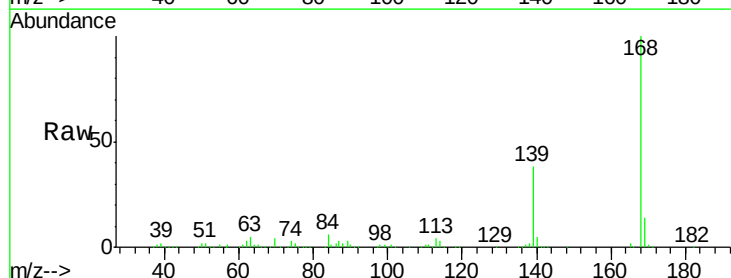


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

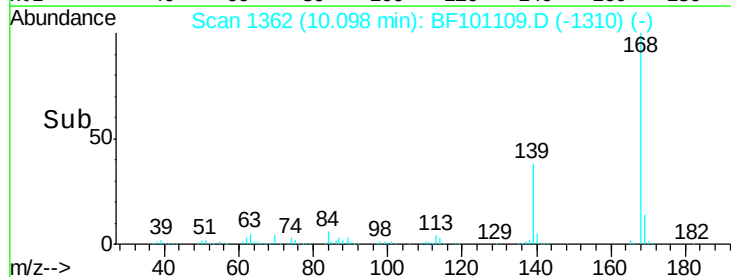
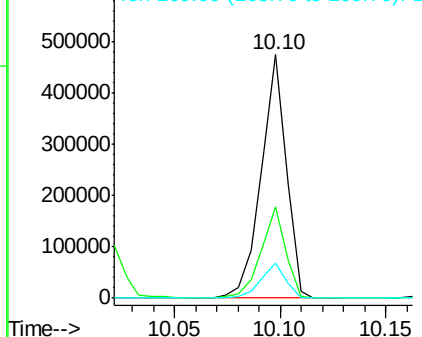


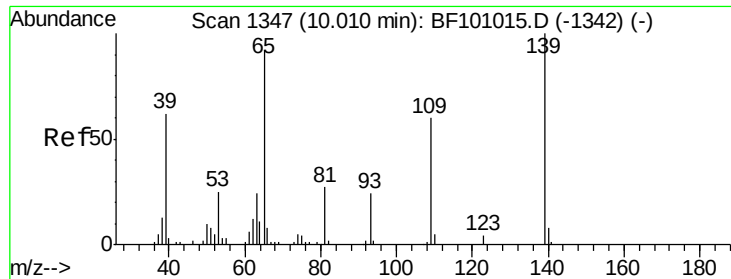
#54
 Dibenzofuran
 Concen: 44.10 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. 0.01 min
 Lab File: BF101109.D
 Acq: 4 Dec 2017 20:16

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.6	30.1	45.1
169	14.1	10.9	16.3



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





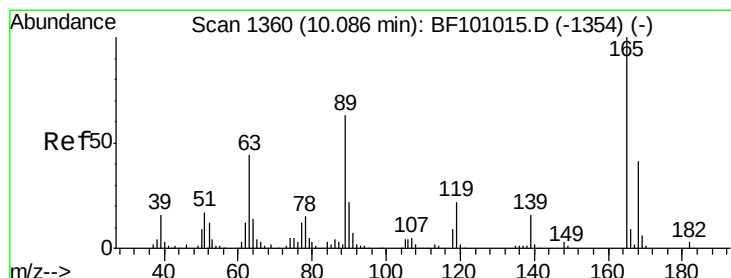
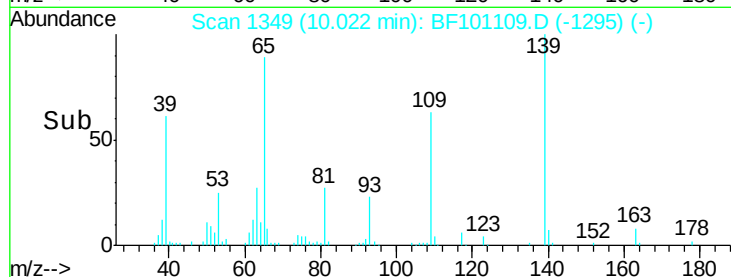
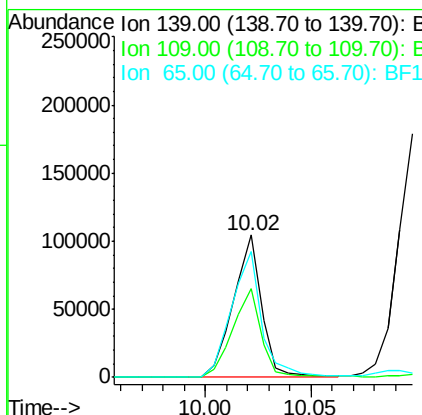
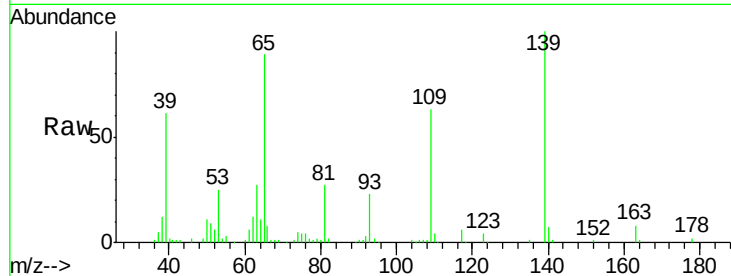
#55
4-Nitrophenol
Concen: 77.84 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.02 min
Lab File: BF101109.D
Acq: 4 Dec 2017 20:16

Instrument :
BNA_F
ClientSampleId :
BSC-SB-04MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	62.8	48.4	88.4	
65	89.0	72.6	112.6	

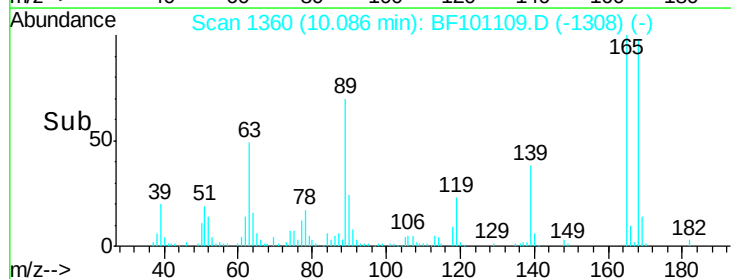
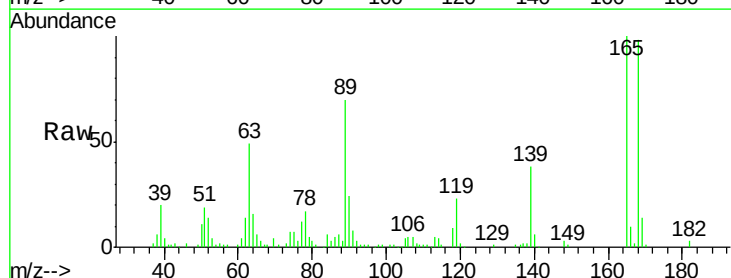
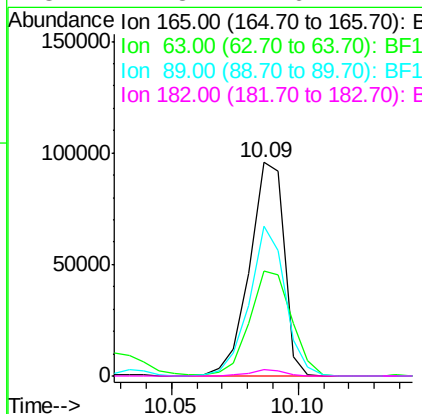
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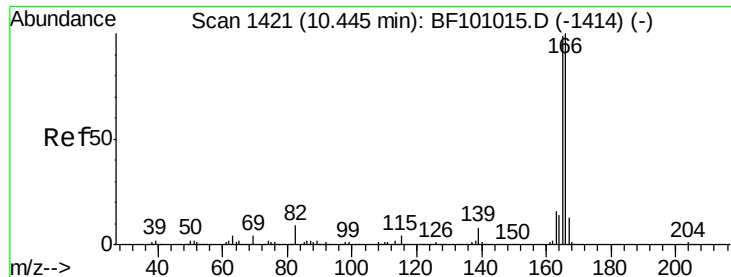
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#56
2,4-Dinitrotoluene
Concen: 41.39 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.01 min
Lab File: BF101109.D
Acq: 4 Dec 2017 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	49.3	36.4	54.6	
89	69.9	57.8	86.6	
182	2.8	1.6	2.4	#





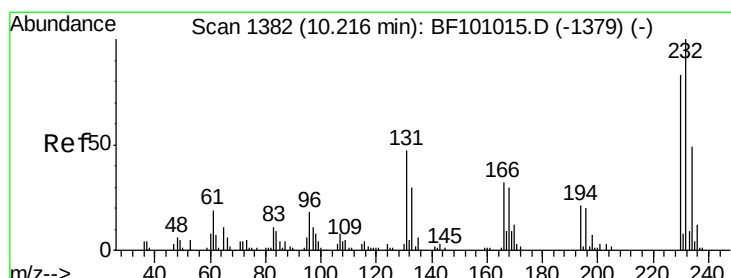
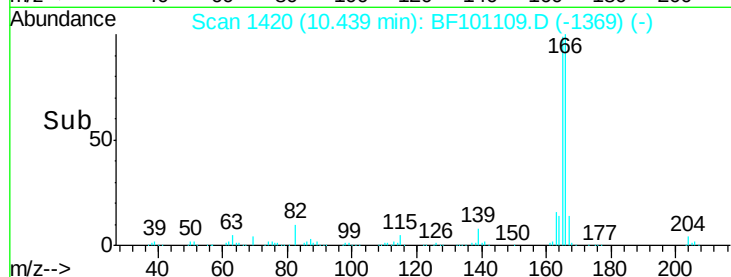
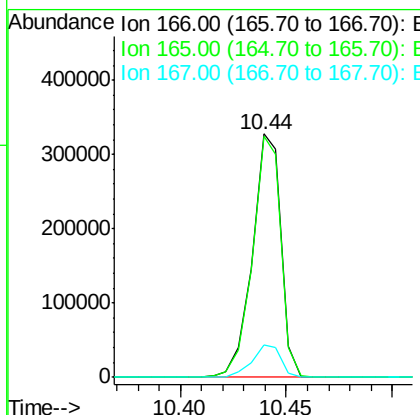
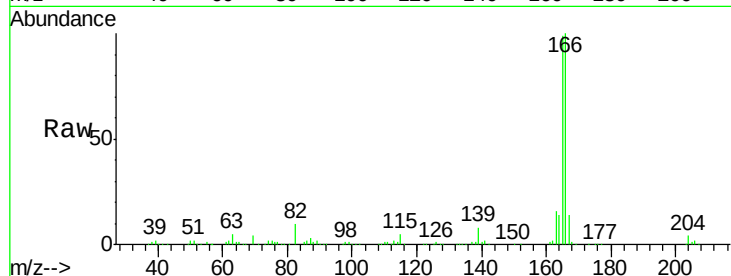
#57
Fluorene
Concen: 42.43 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.00 min
Lab File: BF101109.D
Acq: 4 Dec 2017 20:16

Instrument :
BNA_F
ClientSampleId :
BSC-SB-04MSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	308588		
165	99.0	79.8	119.8	
167	13.5	10.6	16.0	

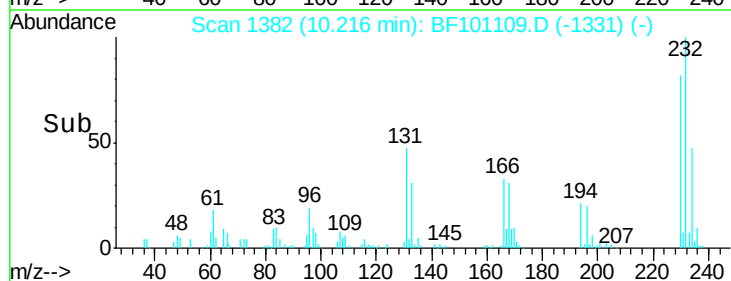
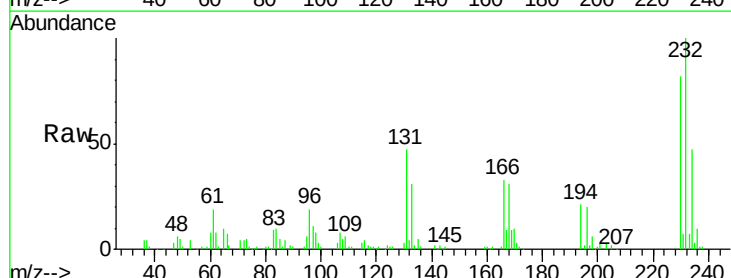
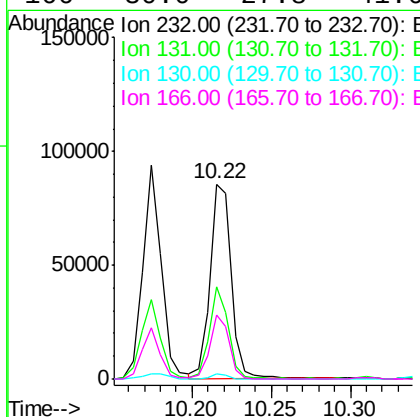
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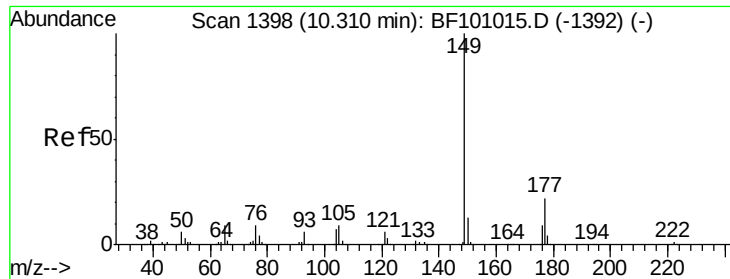
Sohil
12/5/2017 3:24:48 PM



#58
2,3,4,6-Tetrachlorophenol
Concen: 45.37 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.00 min
Lab File: BF101109.D
Acq: 4 Dec 2017 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	80178		
131	42.5	43.8	65.8#	
130	2.2	2.1	3.1	
166	30.0	27.8	41.6	





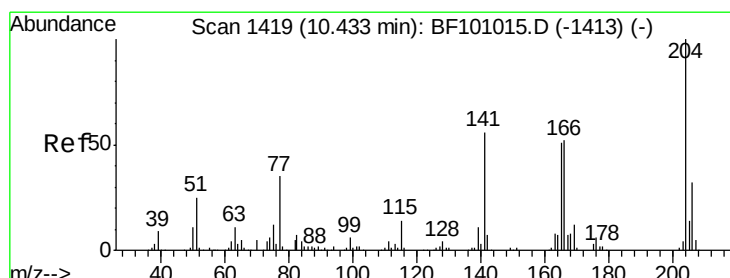
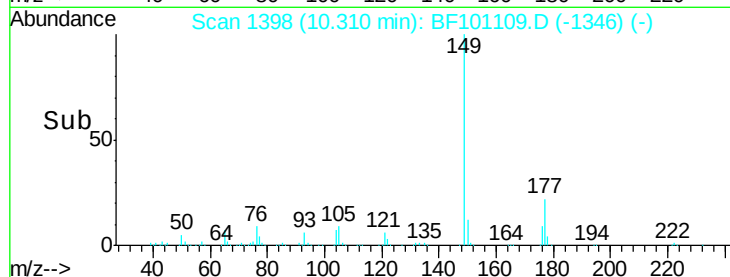
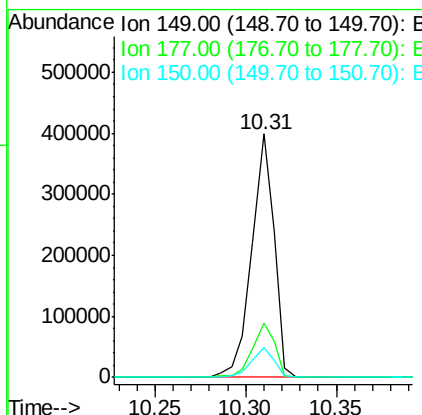
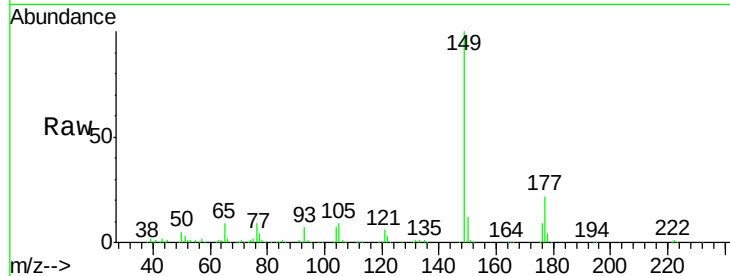
#59
Diethylphthalate
Concen: 44.43 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.01 min
Lab File: BF101109.D
Acq: 4 Dec 2017 20:16

Instrument :
BNA_F
ClientSampleId :
BSC-SB-04MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.5	16.1	24.1
150	12.3	10.1	15.1

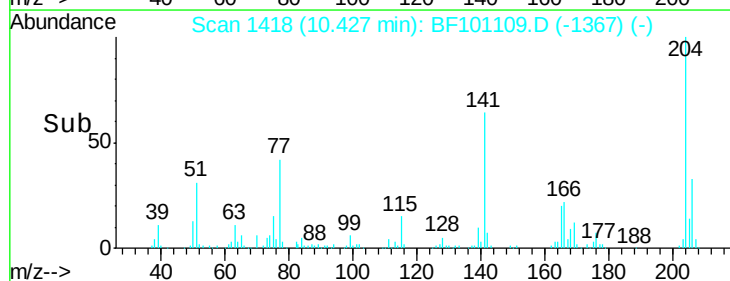
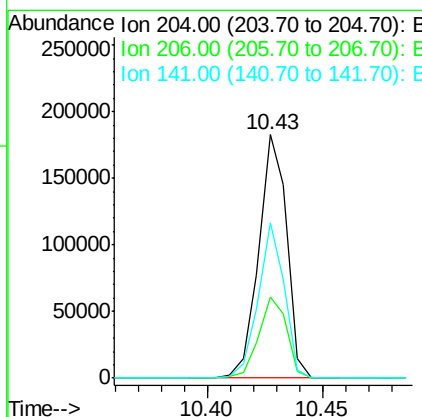
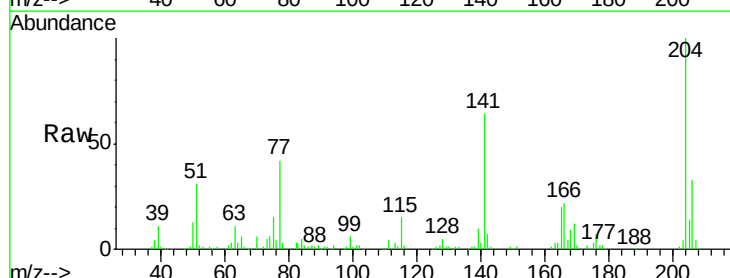
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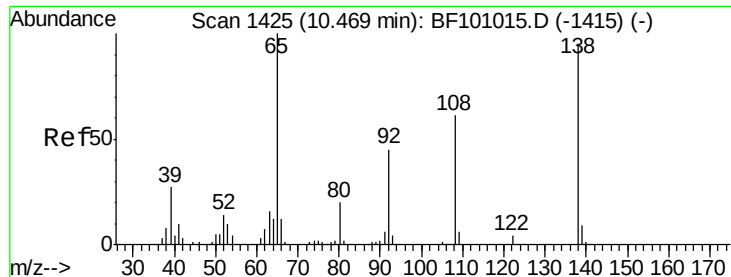
Sohil
12/5/2017 3:24:48 PM



#60
4-Chlorophenyl-phenylether
Concen: 42.95 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF101109.D
Acq: 4 Dec 2017 20:16

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.5	39.7
141	63.6	54.6	81.8





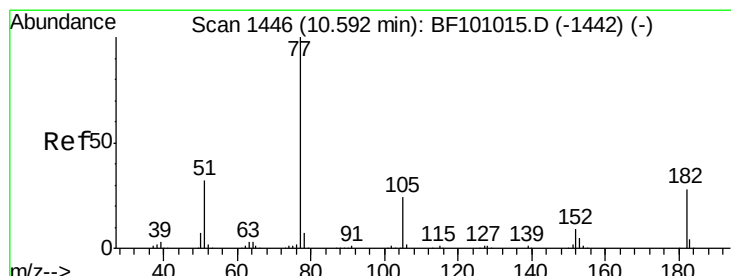
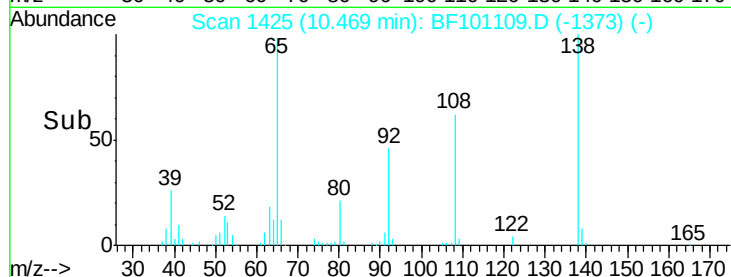
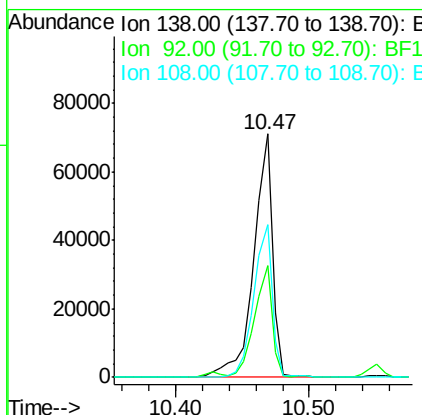
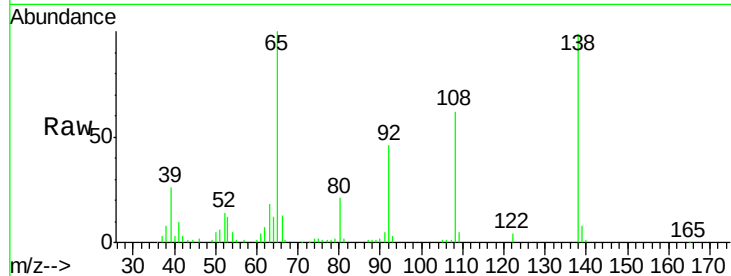
#61
4-Nitroaniline
Concen: 35.47 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF101109.D
Acq: 4 Dec 2017 20:16

Instrument :
BNA_F
ClientSampleId :
BSC-SB-04MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	45.9	30.2	70.2
108	62.8	52.5	92.5

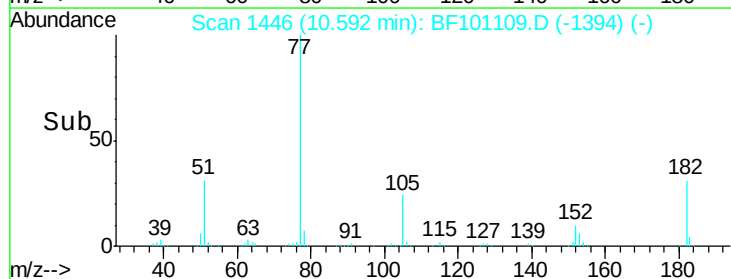
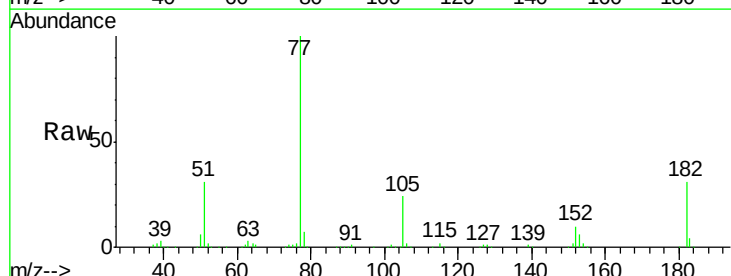
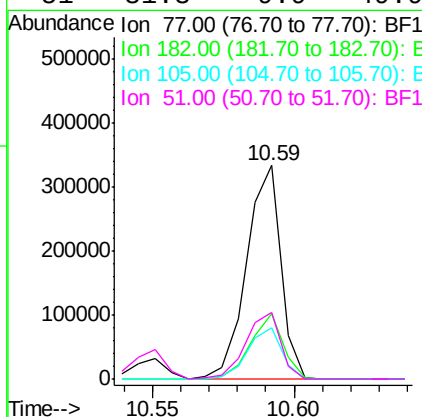
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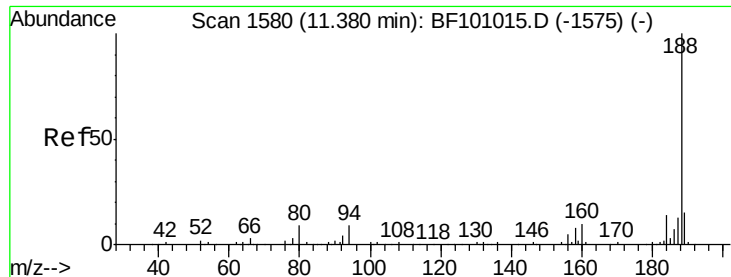
Sohil
12/5/2017 3:24:48 PM



#62
Azobenzene
Concen: 42.92 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF101109.D
Acq: 4 Dec 2017 20:16

Tgt Ion	Ratio	Lower	Upper
77	100		
182	30.7	1.7	41.7
105	24.1	3.0	43.0
51	31.3	9.9	49.9





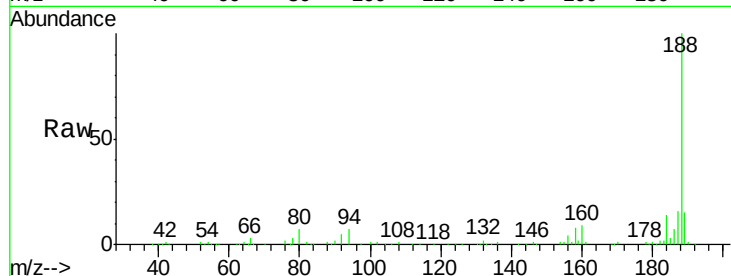
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.01 min
Lab File: BF101109.D
Acq: 4 Dec 2017 20:16

Instrument :
BNA_F
ClientSampleId :
BSC-SB-04MSD

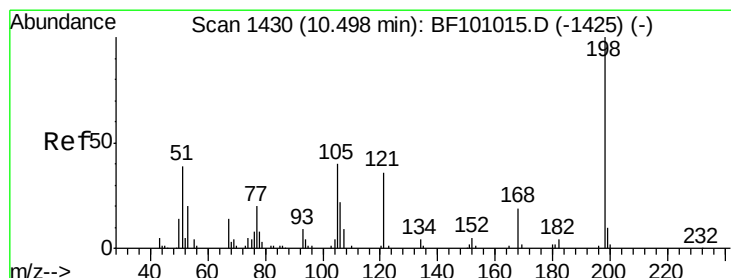
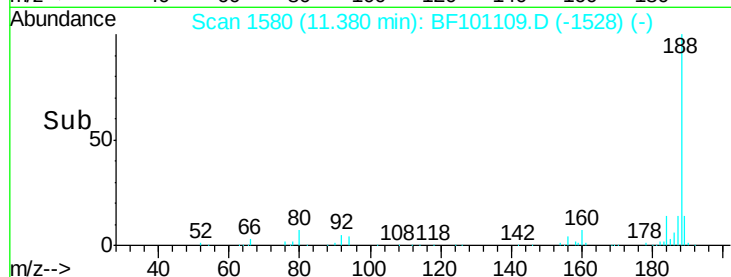
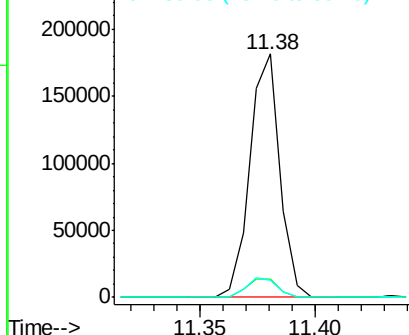
Tot Ion	Ratio	Resp	Lower	Upper
188	100	164608		
94	7.4	8.5	12.7#	
80	7.1	9.2	13.8#	

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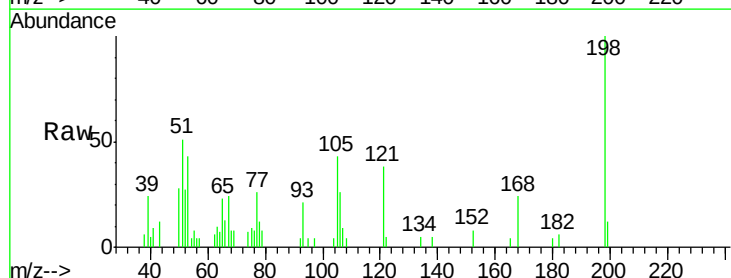


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

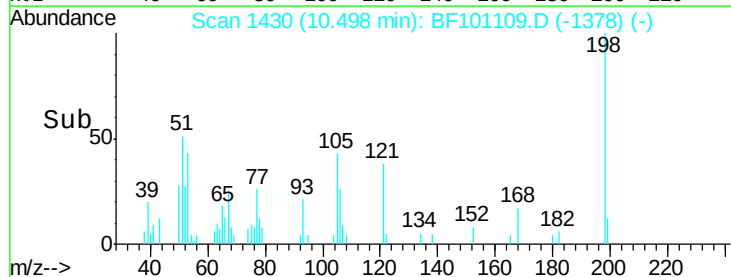
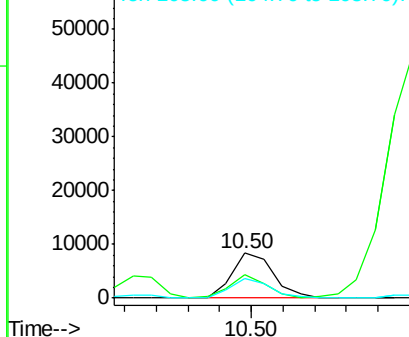


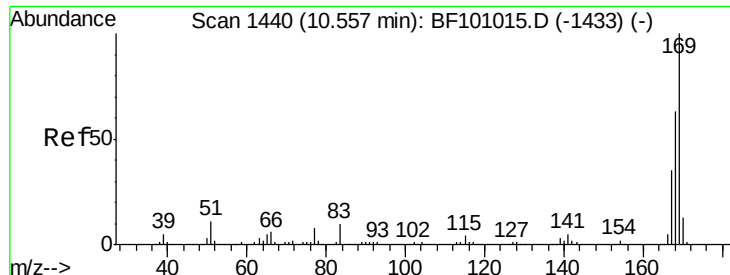
#64
4,6-Dinitro-2-methylphenol
Concen: 6.75 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF101109.D
Acq: 4 Dec 2017 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	7457		
51	51.0	37.7	77.7	
105	43.0	36.3	76.3	



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





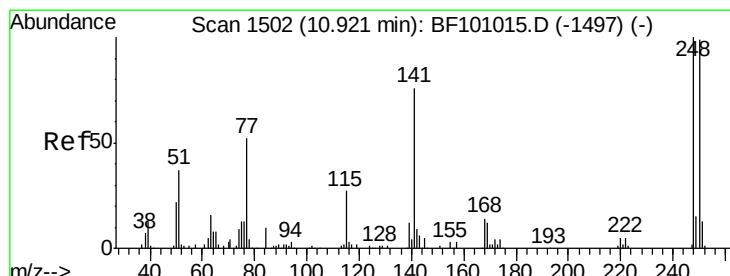
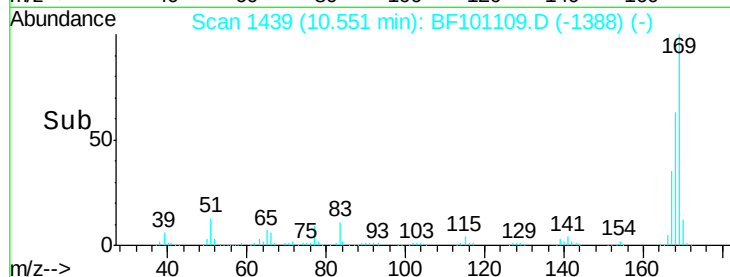
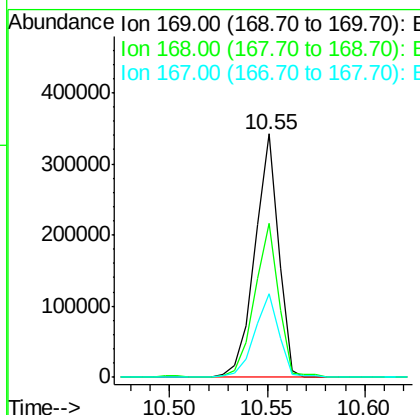
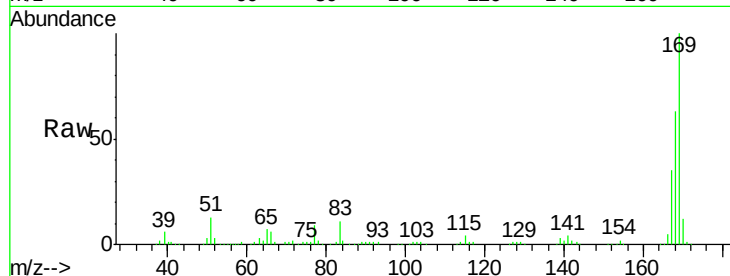
#65
n-Nitrosodiphenylamine
Concen: 49.58 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF101109.D
Acq: 4 Dec 2017 20:16

Instrument :
BNA_F
ClientSampleId :
BSC-SB-04MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	287898		
168	63.2	54.4	81.6	
167	34.6	29.8	44.6	

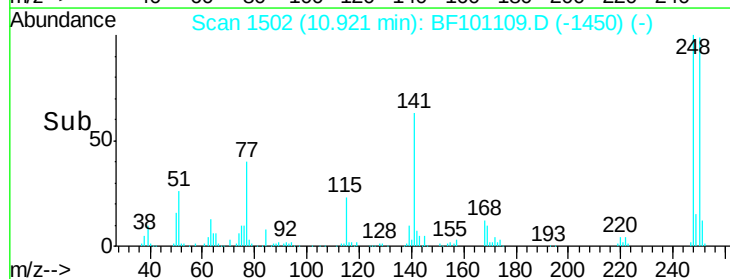
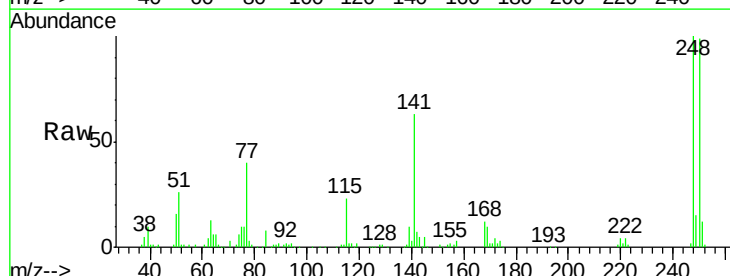
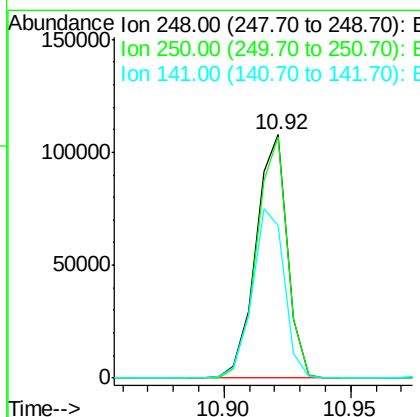
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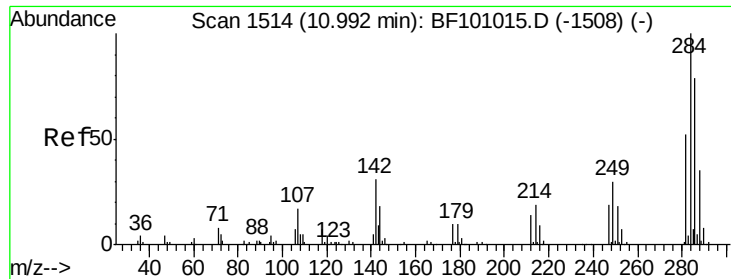
Sohil
12/5/2017 3:24:48 PM



#66
4-Bromophenyl-phenylether
Concen: 50.39 ng
RT: 10.92 min Scan# 1502
Delta R.T. 0.01 min
Lab File: BF101109.D
Acq: 4 Dec 2017 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	92852		
250	99.2	76.9	115.3	
141	62.7	74.4	111.6#	





#67

Hexachlorobenzene

Concen: 46.08 ng

RT: 10.99 min Scan# 1514

Delta R.T. 0.01 min

Lab File: BF101109.D

Acq: 4 Dec 2017 20:16

Instrument :

BNA_F

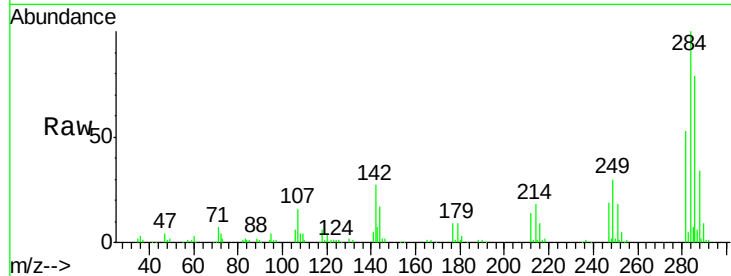
ClientSampleId :

BSC-SB-04MSD

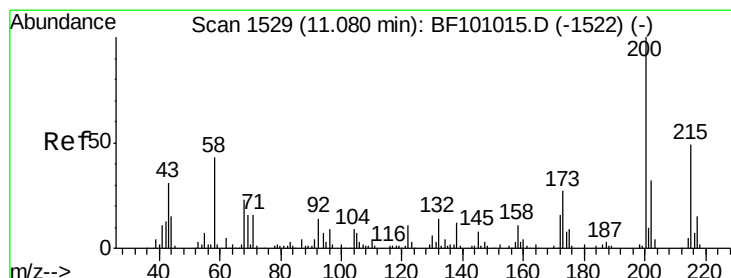
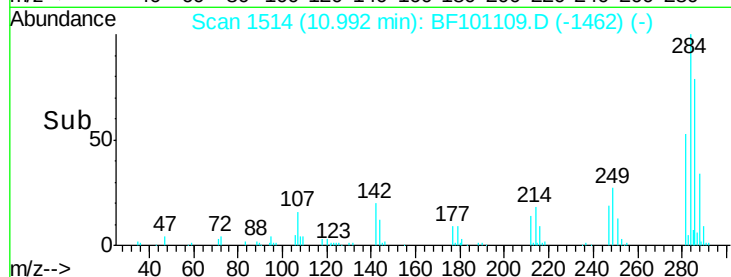
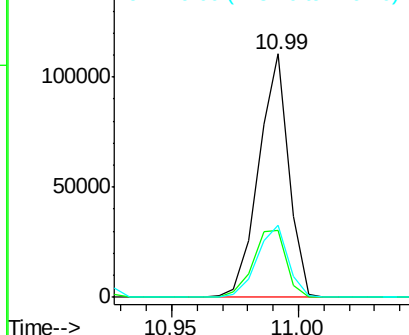
Tot Ion:	284	Resp:	90990
Ion Ratio		Lower	Upper
284	100		
142	27.5	34.6	52.0#
249	29.6	24.8	37.2

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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: 49.23 ng

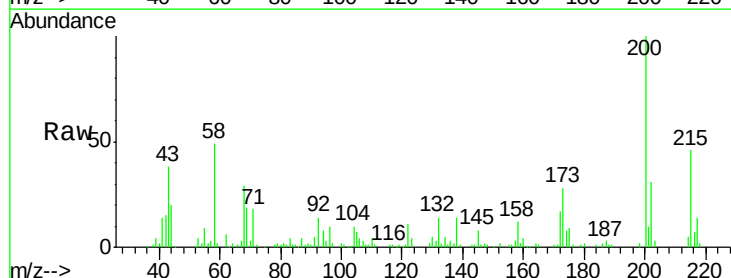
RT: 11.07 min Scan# 1528

Delta R.T. 0.00 min

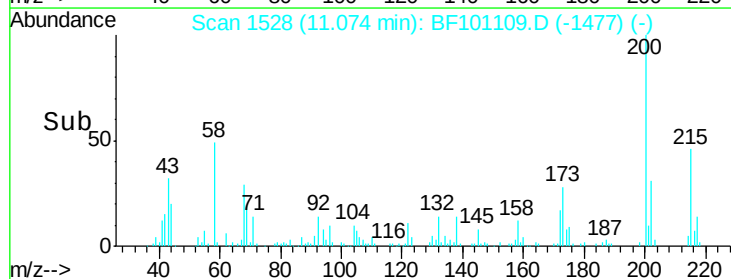
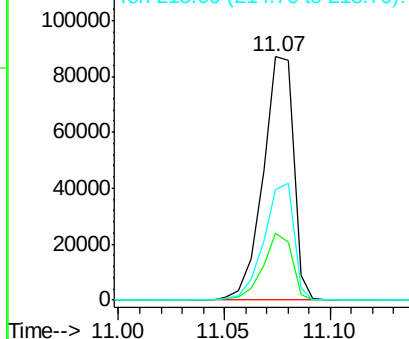
Lab File: BF101109.D

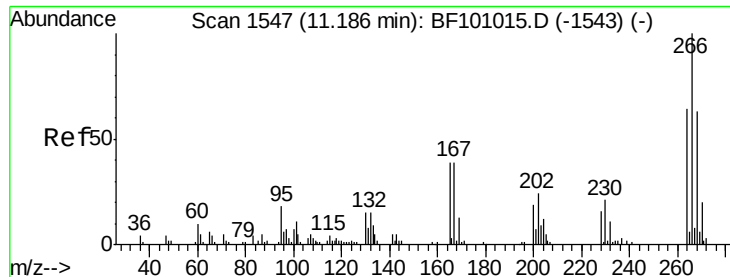
Acq: 4 Dec 2017 20:16

Tgt Ion:	200	Resp:	87694
Ion Ratio		Lower	Upper
200	100		
173	27.7	8.6	48.6
215	45.6	25.1	65.1



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





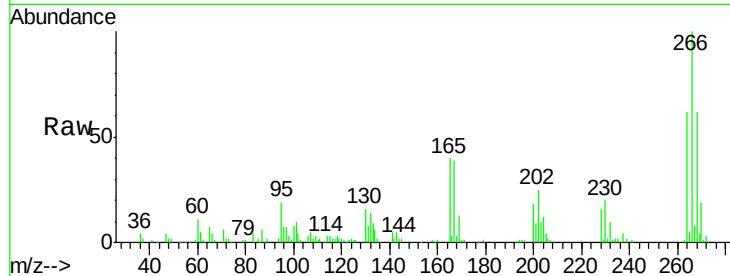
#69
 Pentachlorophenol
 Concen: 72.27 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. 0.01 min
 Lab File: BF101109.D
 Acq: 4 Dec 2017 20:16

Instrument :
 BNA_F
 ClientSampleId :
 BSC-SB-04MSD

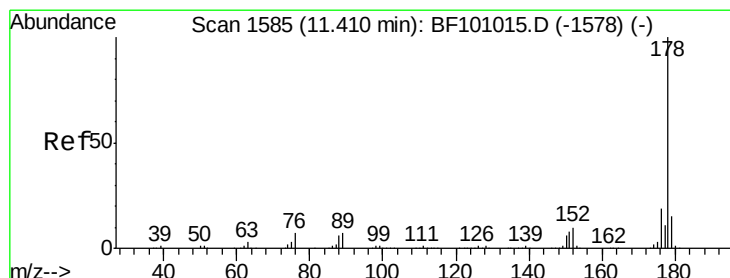
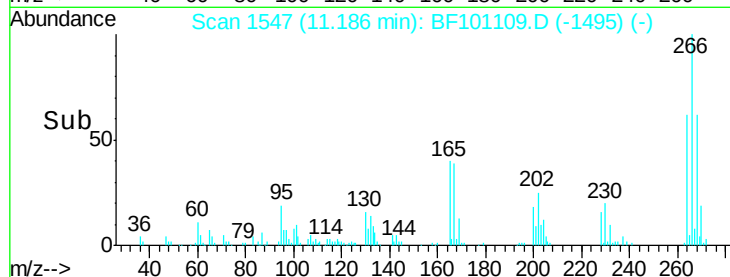
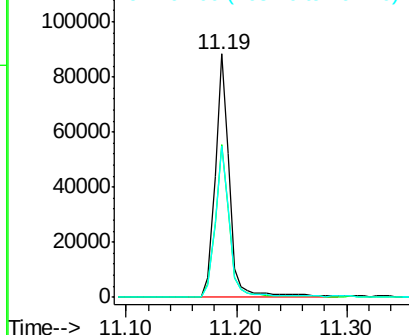
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.5	51.1	76.7
264	61.9	49.5	74.3

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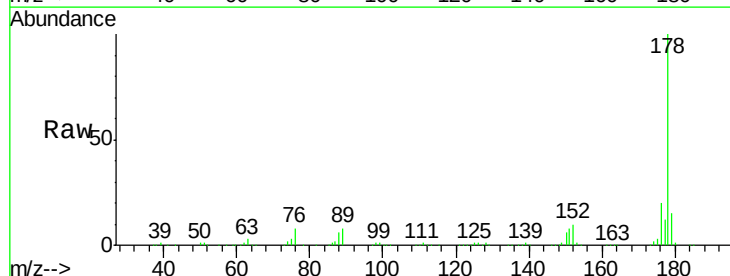


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

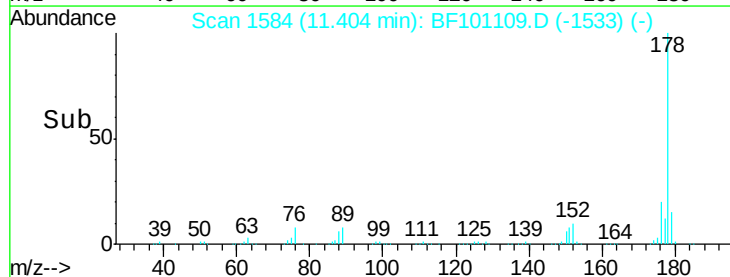
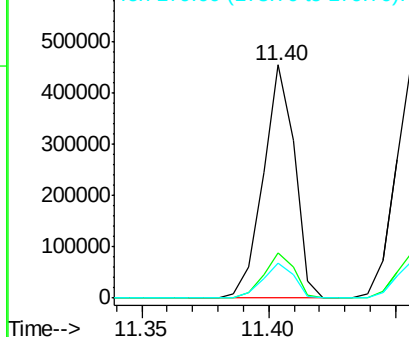


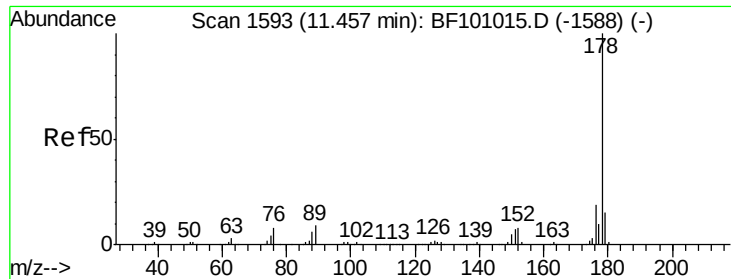
#70
 Phenanthrene
 Concen: 43.32 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF101109.D
 Acq: 4 Dec 2017 20:16

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.3	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





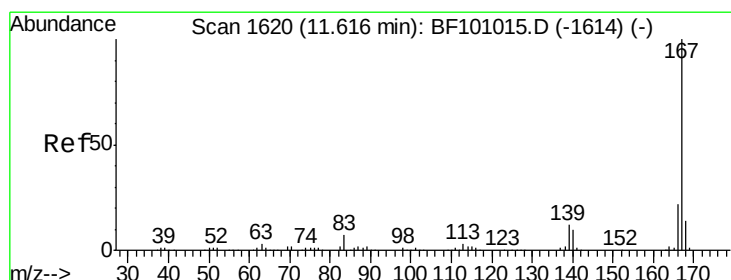
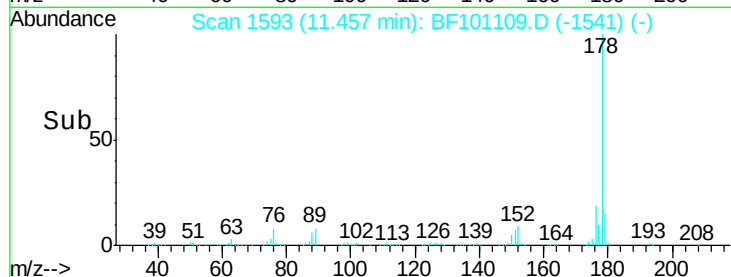
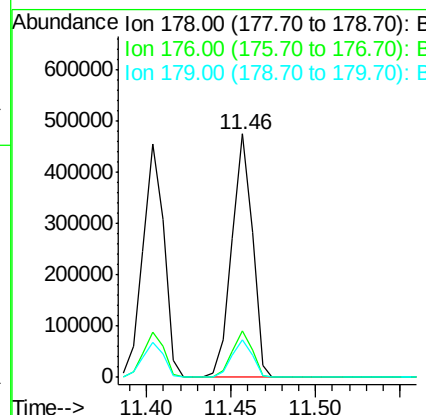
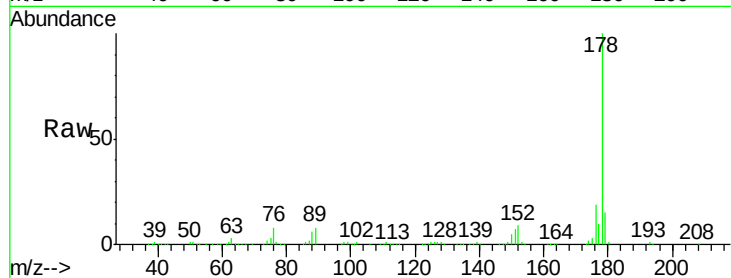
#71
 Anthracene
 Concen: 43.84 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. 0.01 min
 Lab File: BF101109.D
 Acq: 4 Dec 2017 20:16

Instrument :
 BNA_F
 ClientSampleId :
 BSC-SB-04MSD

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

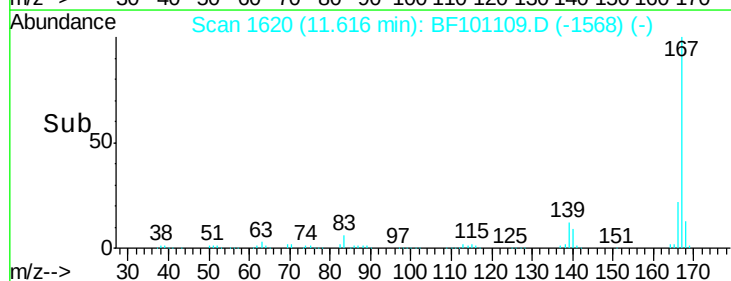
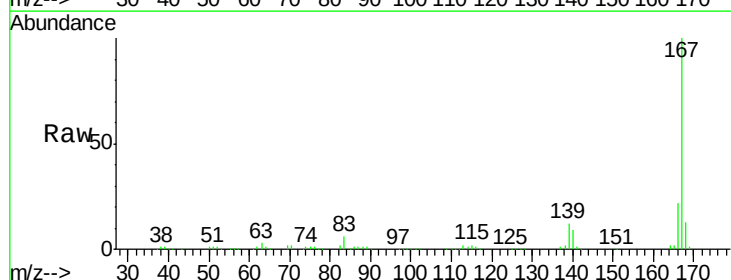
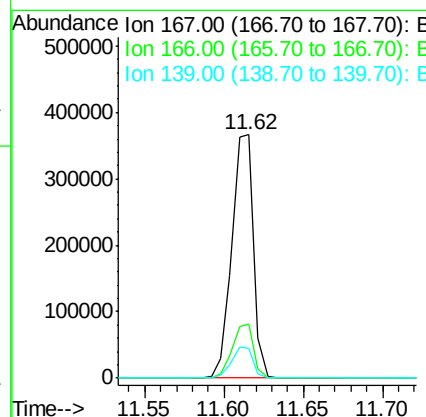
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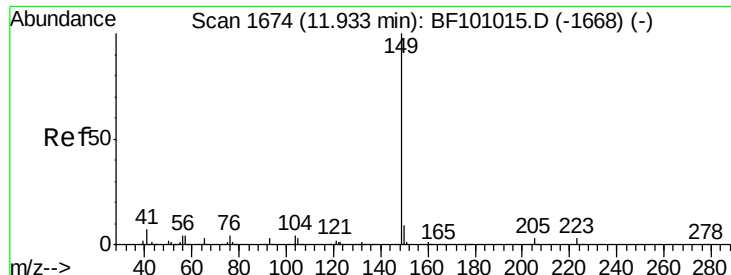
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#72
 Carbazole
 Concen: 41.55 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. 0.01 min
 Lab File: BF101109.D
 Acq: 4 Dec 2017 20:16

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.6	26.4
139	12.3	10.9	16.3





#73

Di-n-butylphthalate

Concen: 46.65 ng

RT: 11.93 min Scan# 1674

Delta R.T. 0.01 min

Lab File: BF101109.D

Acq: 4 Dec 2017 20:16

Instrument :

BNA_F

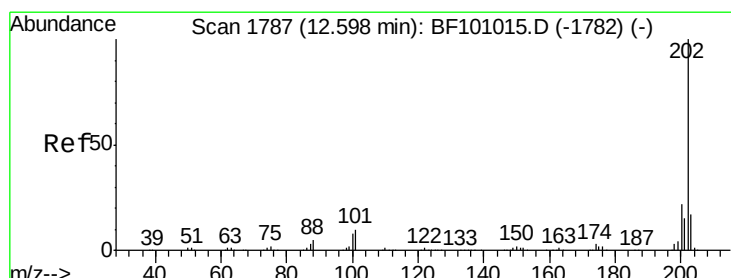
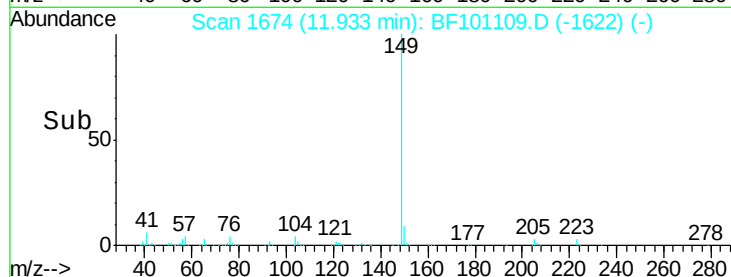
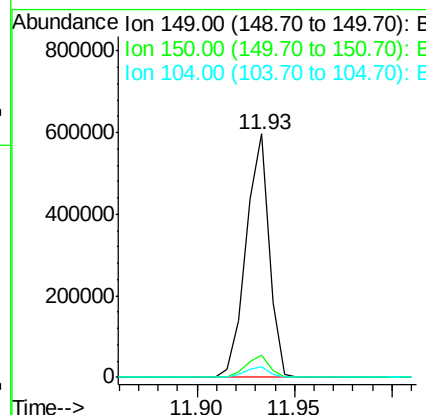
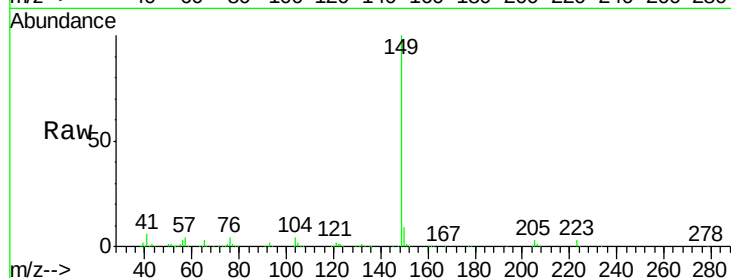
ClientSampleId :

BSC-SB-04MSD

Tot Ion:	149	Resp:	490182
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.8	11.6
104	4.4	3.8	5.8

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#74

Fluoranthene

Concen: 35.38 ng

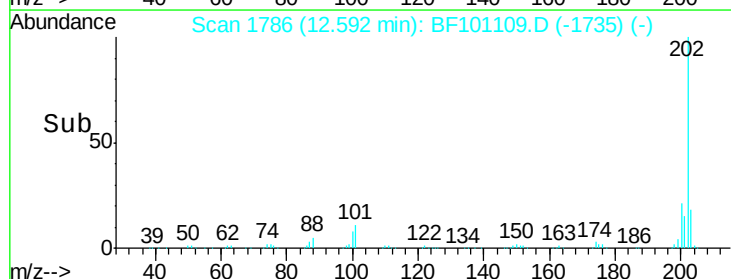
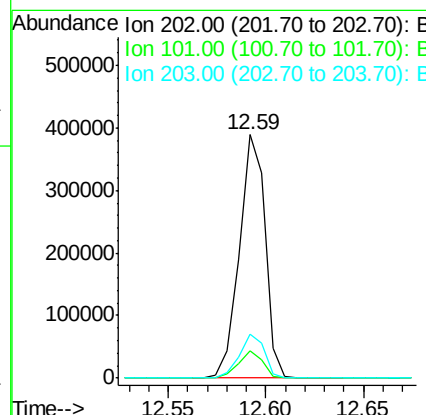
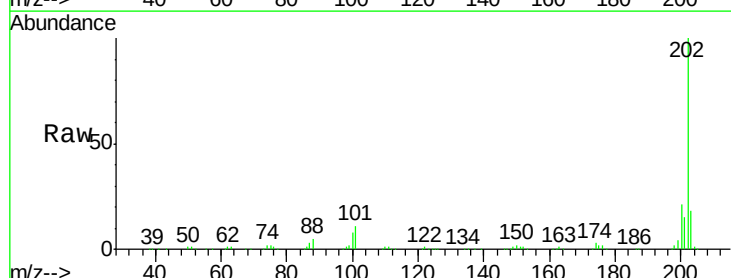
RT: 12.59 min Scan# 1786

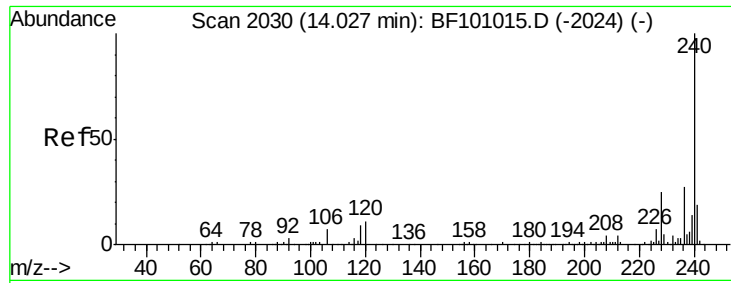
Delta R.T. 0.00 min

Lab File: BF101109.D

Acq: 4 Dec 2017 20:16

Tgt Ion:	202	Resp:	355480
Ion Ratio	Lower	Upper	
202	100		
101	11.1	0.0	34.1
203	17.8	0.0	38.1





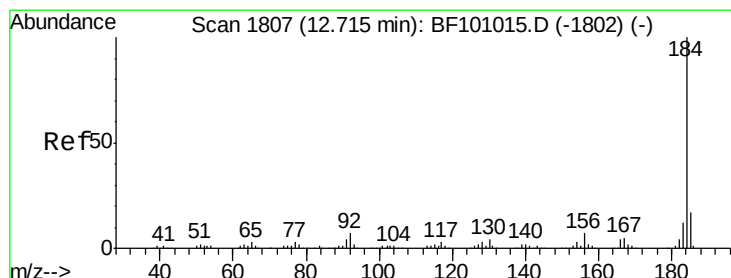
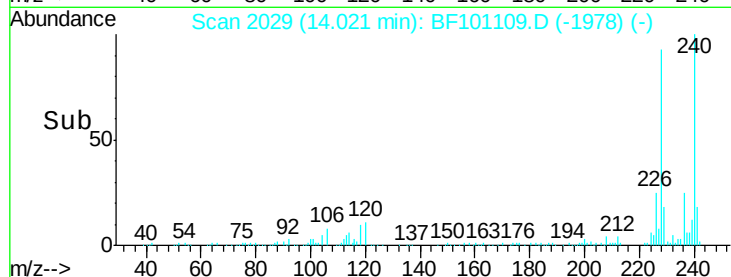
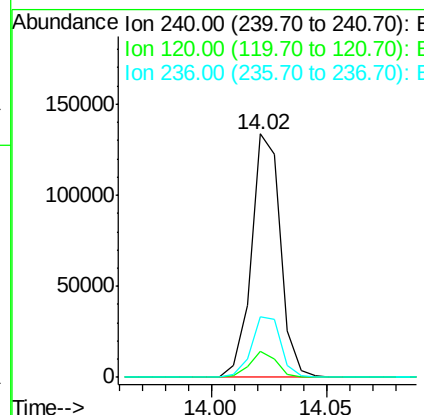
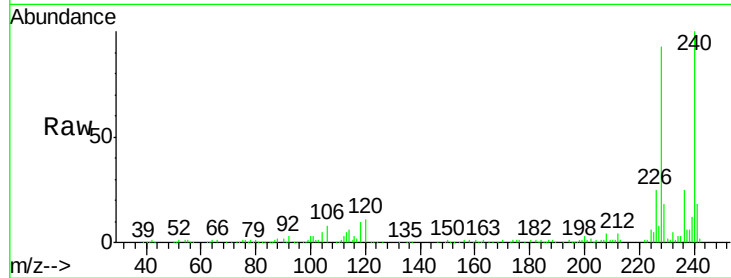
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BF101109.D
Acq: 4 Dec 2017 20:16

Instrument :
BNA_F
ClientSampleId :
BSC-SB-04MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.5	14.3
236	24.7	20.7	31.1

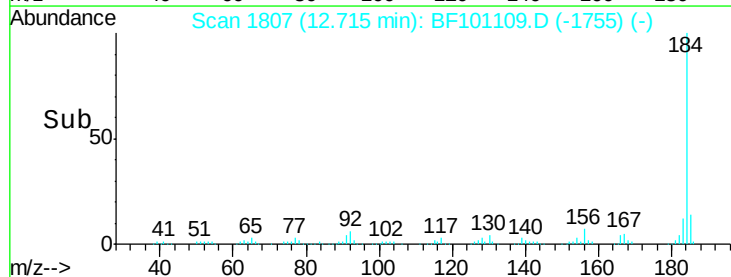
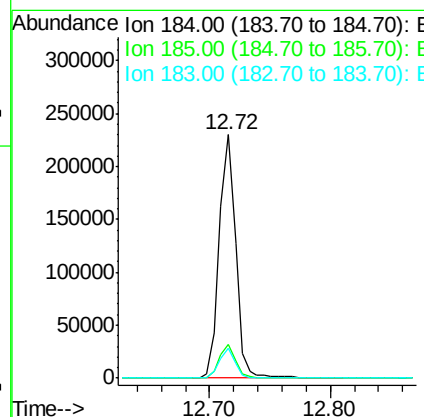
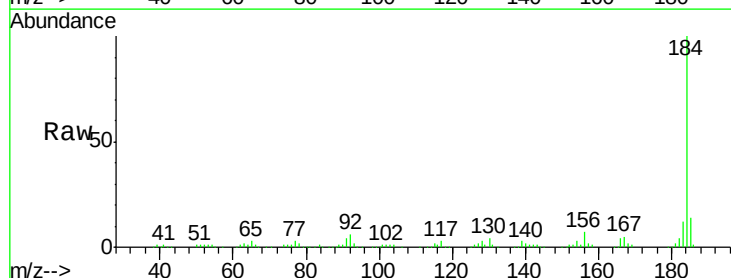
Manual Integrations
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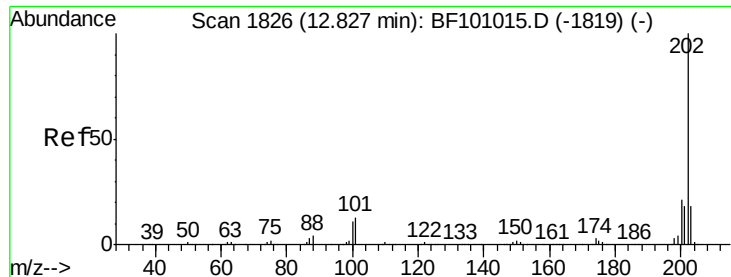
Sohil
12/5/2017 3:24:48 PM



#76
Benzidine
Concen: 56.58 ng
RT: 12.72 min Scan# 1807
Delta R.T. 0.01 min
Lab File: BF101109.D
Acq: 4 Dec 2017 20:16

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.9	12.6	18.8
183	12.1	9.3	13.9





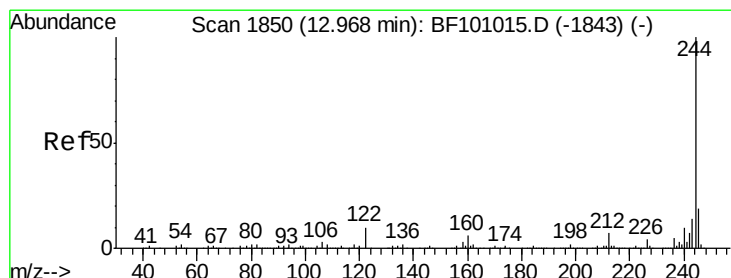
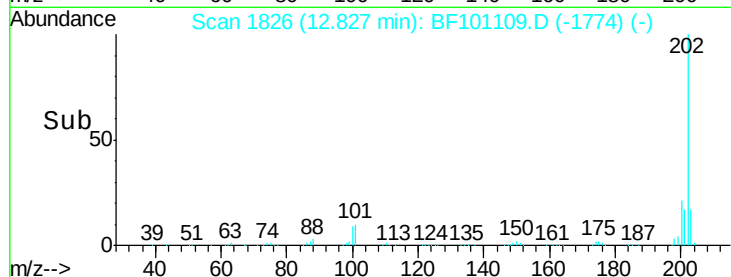
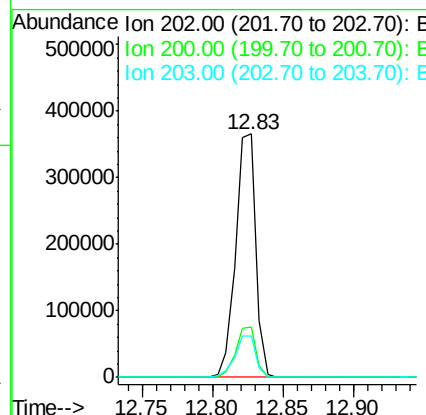
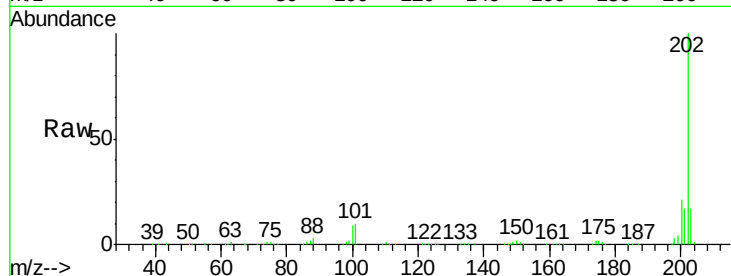
#77
Pvrene
Concen: 44.74 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.01 min
Lab File: BF101109.D
Acq: 4 Dec 2017 20:16

Instrument :
BNA_F
ClientSampleId :
BSC-SB-04MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.4	26.2
203	17.0	14.3	21.5

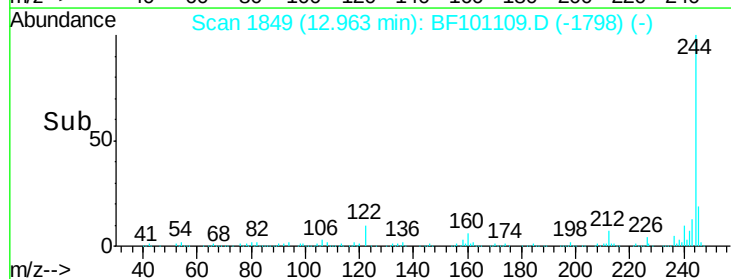
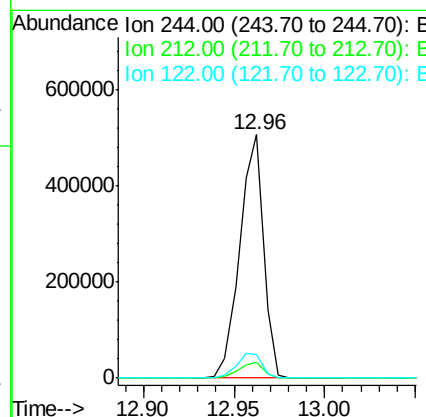
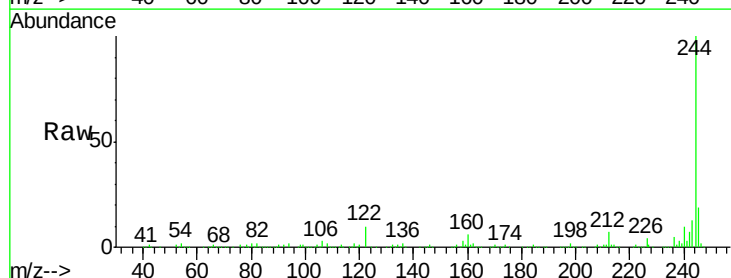
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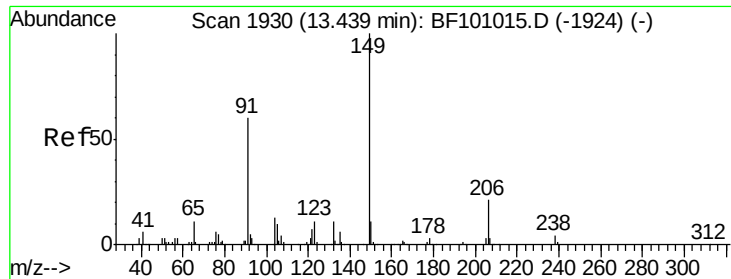
Sohil
12/5/2017 3:24:48 PM



#78
Terphenyl-d14
Concen: 86.11 ng
RT: 12.96 min Scan# 1849
Delta R.T. 0.00 min
Lab File: BF101109.D
Acq: 4 Dec 2017 20:16

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	9.6	11.0	16.4#





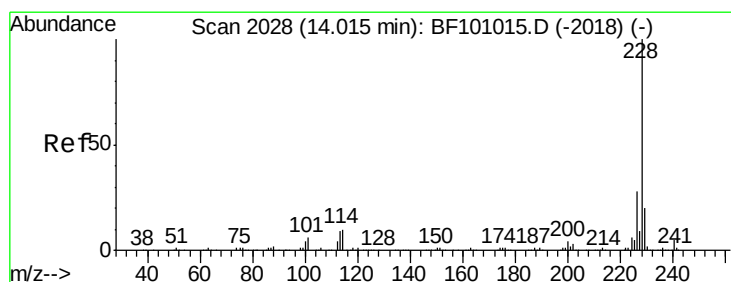
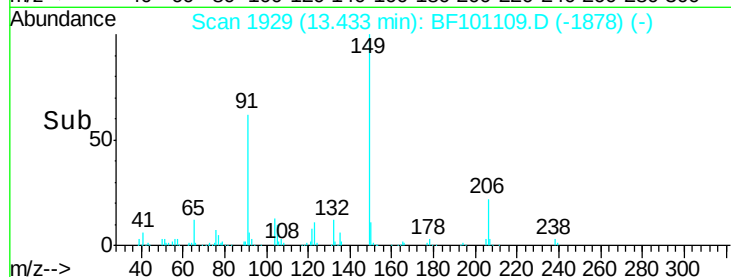
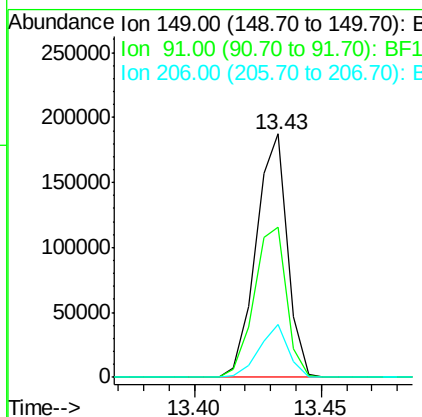
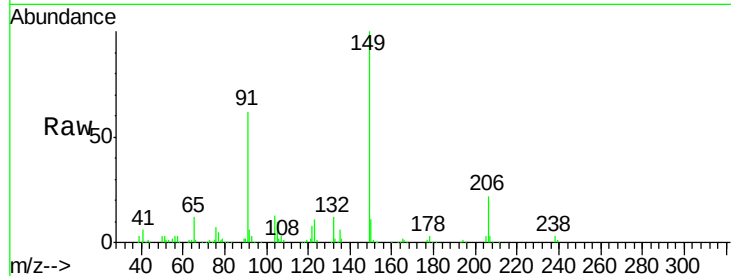
#79
Butylbenzylphthalate
Concen: 45.10 ng
RT: 13.43 min Scan# 1929
Delta R.T. 0.00 min
Lab File: BF101109.D
Acq: 4 Dec 2017 20:16

Instrument :
BNA_F
ClientSampleId :
BSC-SB-04MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	61.7	56.8	85.2
206	22.0	14.1	21.1

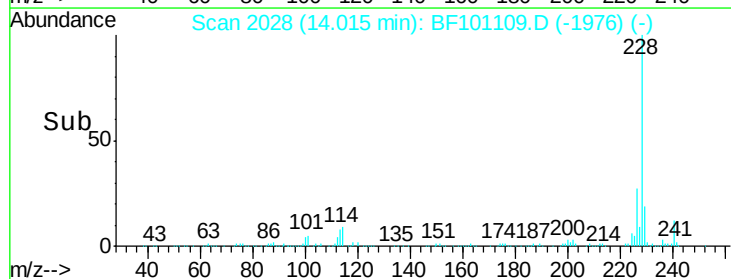
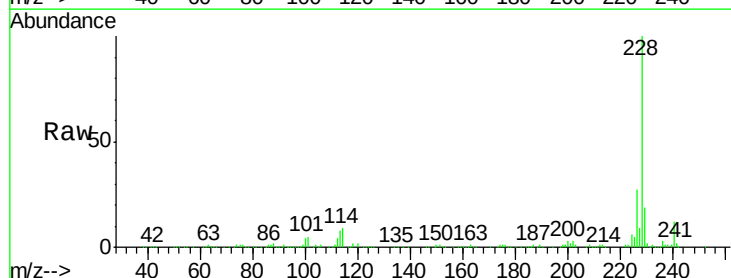
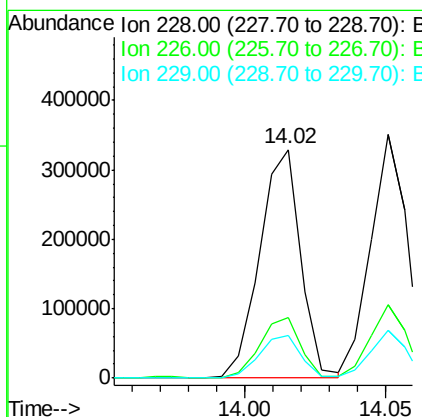
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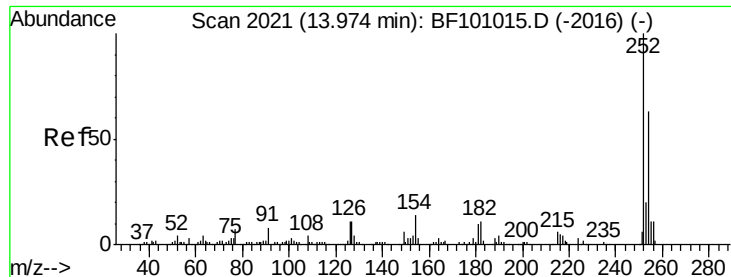
Sohil
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#80
Benzo(a)anthracene
Concen: 44.68 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BF101109.D
Acq: 4 Dec 2017 20:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.6	33.8
229	18.9	15.8	23.6





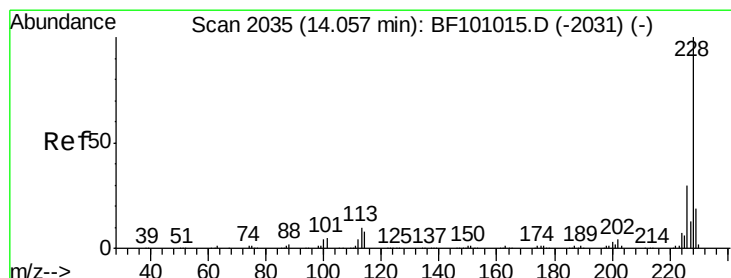
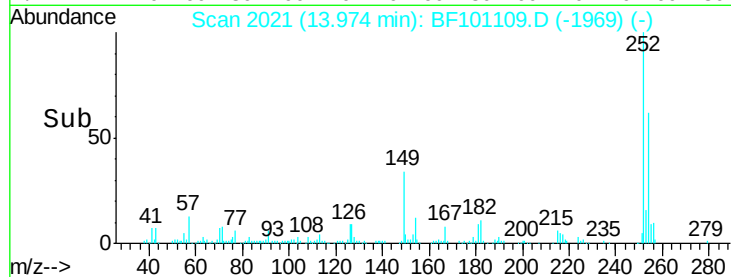
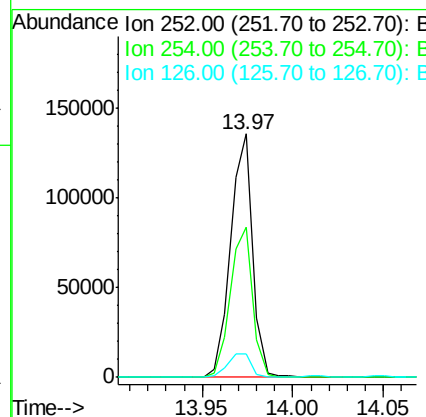
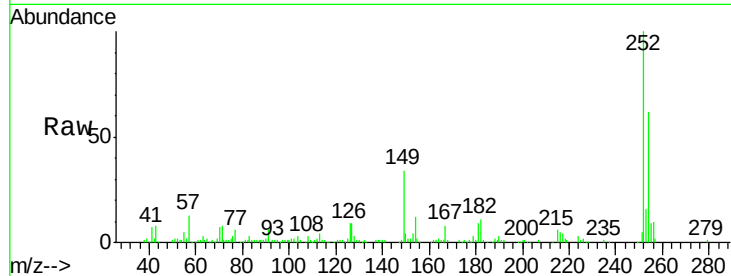
#81
 3,3'-Dichlorobenzidine
 Concen: 44.58 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.01 min
 Lab File: BF101109.D
 Acq: 4 Dec 2017 20:16

Instrument :
 BNA_F
 ClientSampleId :
 BSC-SB-04MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	114294		
254	61.5	50.4	75.6	
126	9.4	11.3	16.9	

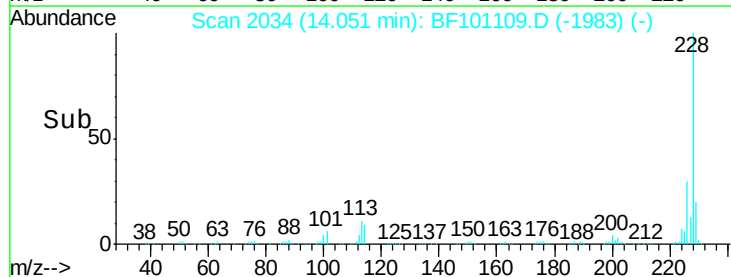
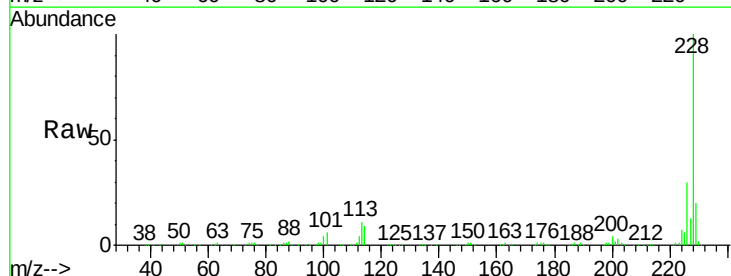
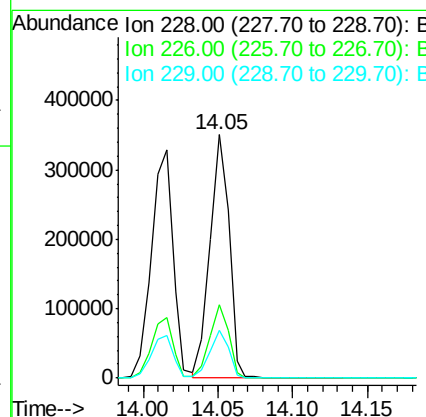
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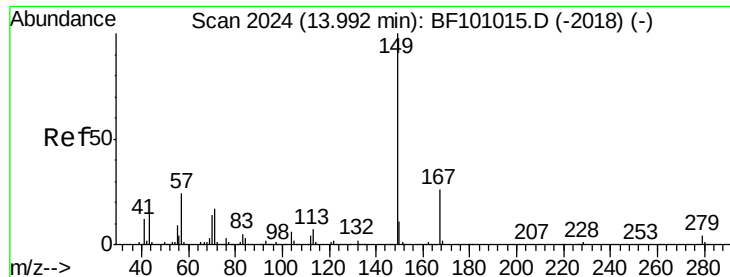
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#82
 Chrysene
 Concen: 45.42 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BF101109.D
 Acq: 4 Dec 2017 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	312238		
226	30.2	25.0	37.6	
229	19.6	16.2	24.4	





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.39 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BF101109.D

Acq: 4 Dec 2017 20:16

Instrument :

BNA_F

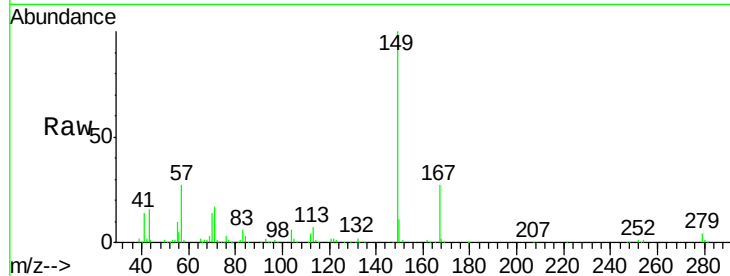
ClientSampleId :

BSC-SB-04MSD

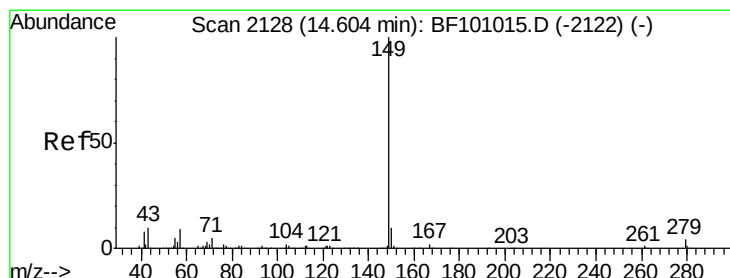
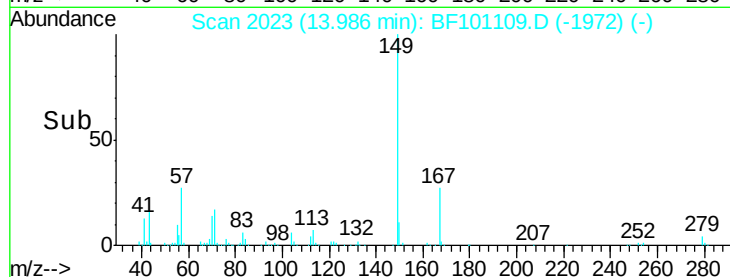
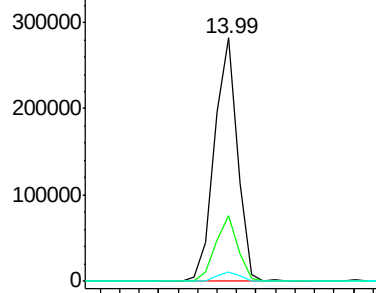
Tot Ion:	149	Resp:	230817
Ion Ratio		Lower	Upper
149	100		
167	27.1	21.3	31.9
279	3.8	3.0	4.4

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 45.70 ng

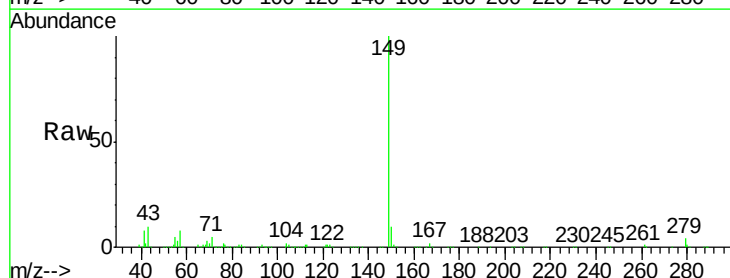
RT: 14.60 min Scan# 2127

Delta R.T. 0.00 min

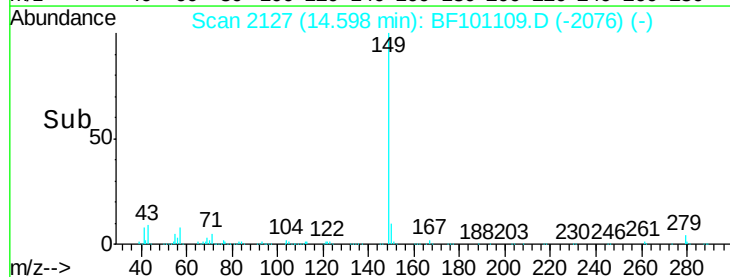
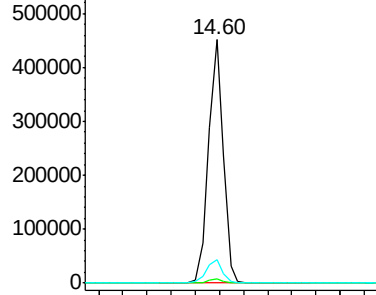
Lab File: BF101109.D

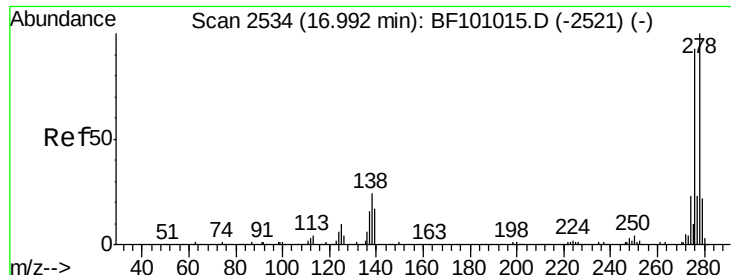
Acq: 4 Dec 2017 20:16

Tgt Ion:	149	Resp:	386979
Ion Ratio		Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.8	8.4	12.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1





#85

Indeno(1,2,3-cd)pyrene

Concen: 37.02 ng

RT: 16.99 min Scan# 2534

Delta R.T. 0.02 min

Lab File: BF101109.D

Acq: 4 Dec 2017 20:16

Instrument :

BNA_F

ClientSampleId :

BSC-SB-04MSD

Tot Ion:276 Resp: 226243

Ion Ratio Lower Upper

276 100

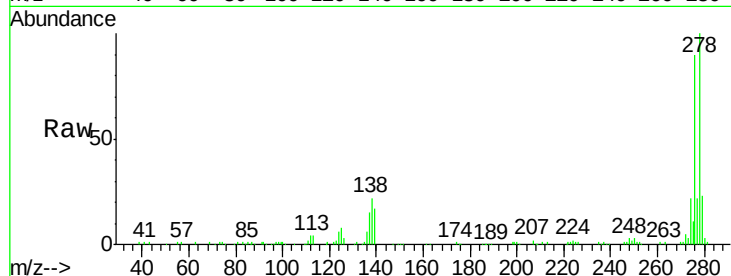
138 23.2 25.0 37.6#

277 25.2 20.1 30.1

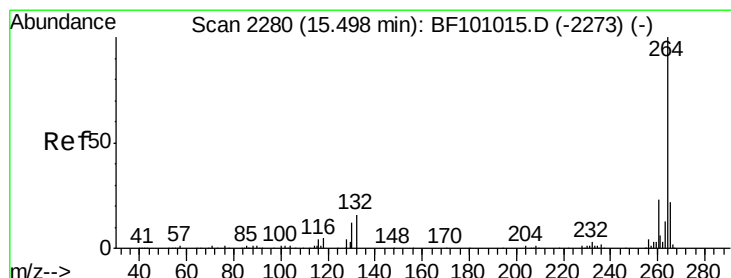
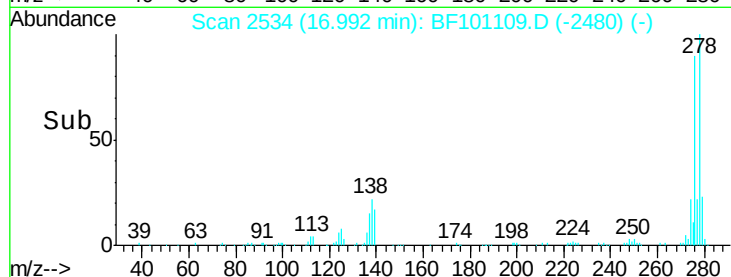
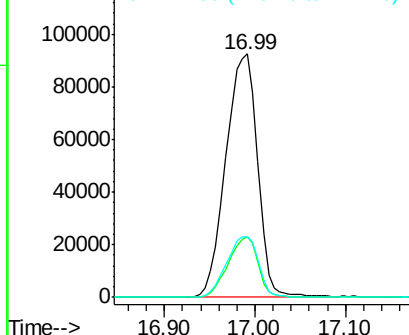
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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.50 min Scan# 2280

Delta R.T. 0.01 min

Lab File: BF101109.D

Acq: 4 Dec 2017 20:16

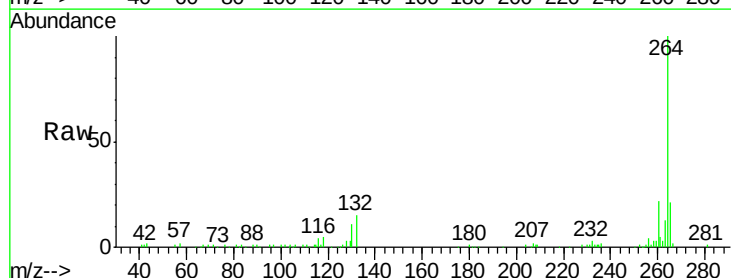
Tgt Ion:264 Resp: 104718

Ion Ratio Lower Upper

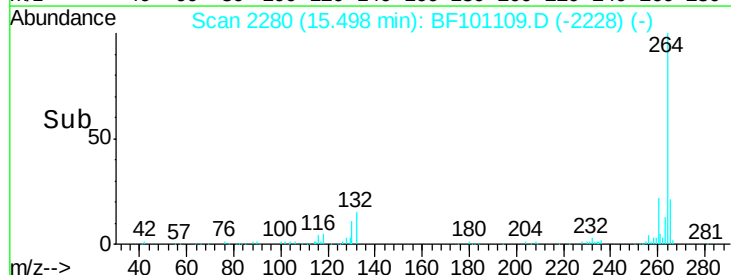
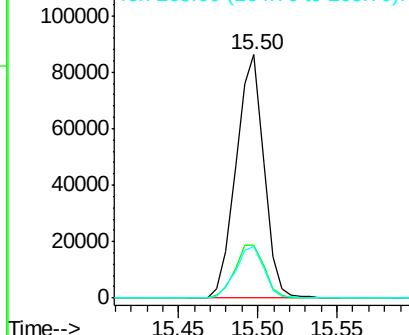
264 100

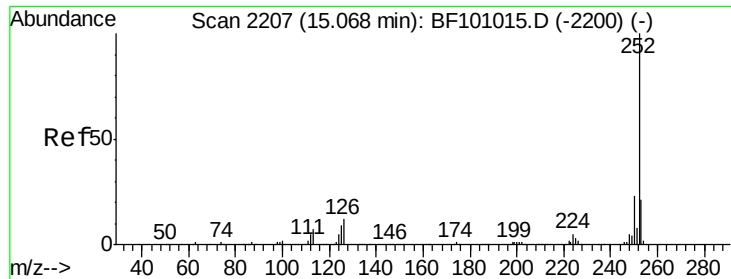
260 21.9 19.2 28.8

265 21.1 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 48.33 ng

RT: 15.07 min Scan# 2207

Delta R.T. 0.01 min

Lab File: BF101109.D

Acq: 4 Dec 2017 20:16

Instrument :

BNA_F

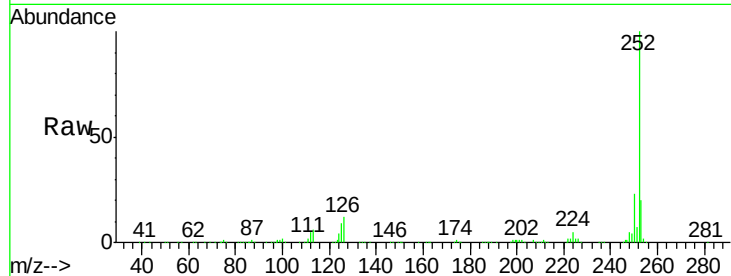
ClientSampleId :

BSC-SB-04MSD

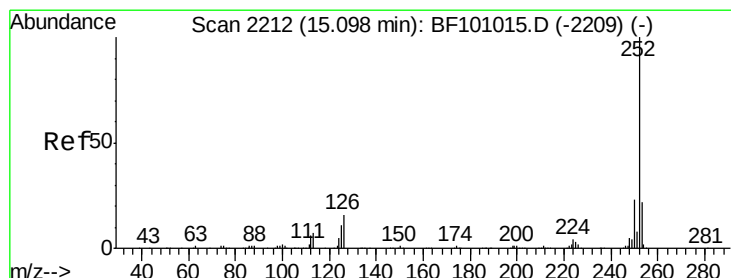
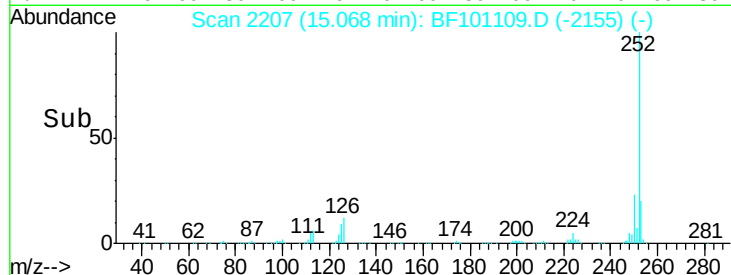
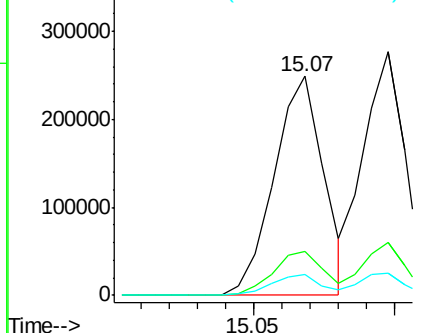
Tot Ion:252	Resp:	303167
Ion Ratio	Lower	Upper
252 100		
253 20.1	17.0	25.6
125 9.3	9.0	13.6

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 46.85 ng

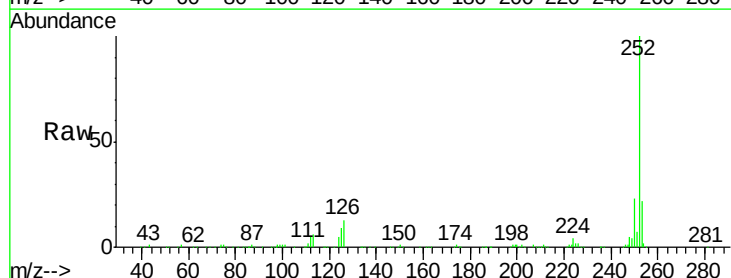
RT: 15.10 min Scan# 2212

Delta R.T. 0.01 min

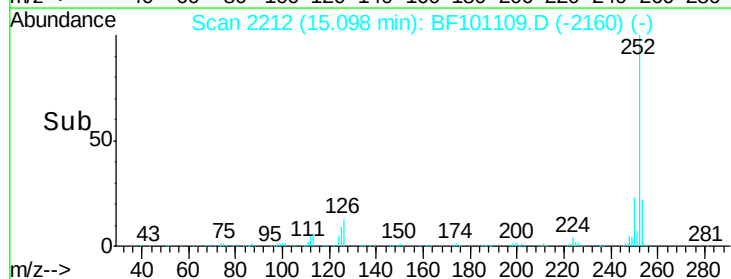
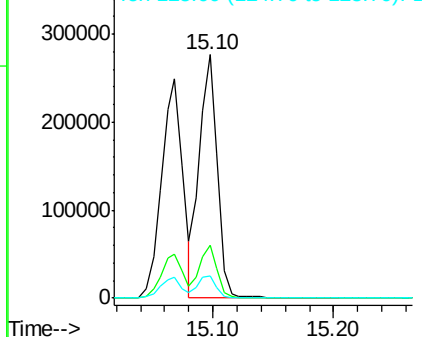
Lab File: BF101109.D

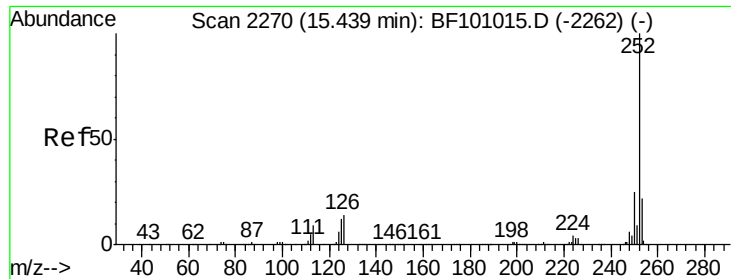
Acq: 4 Dec 2017 20:16

Tgt Ion:252	Resp:	289534
Ion Ratio	Lower	Upper
252 100		
253 21.9	17.9	26.9
125 9.2	10.2	15.2#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





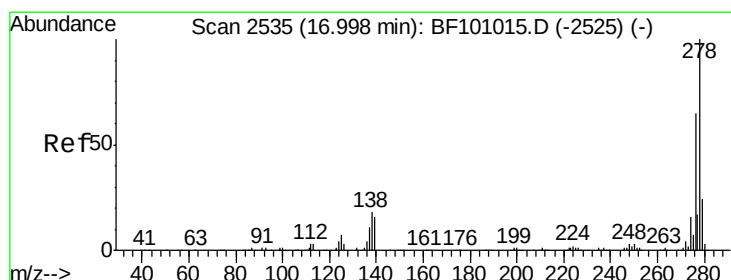
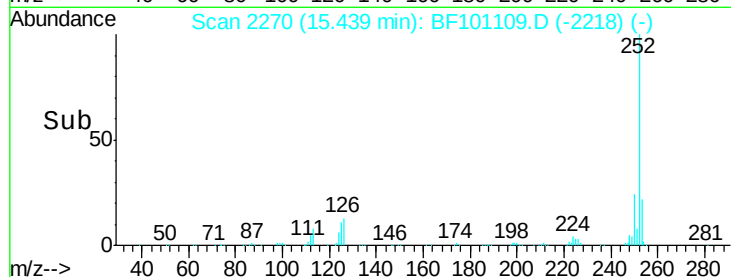
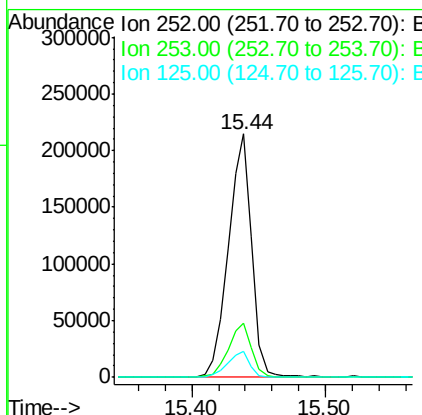
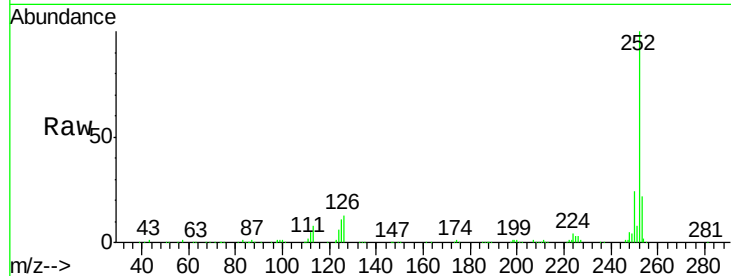
#89
Benzo(a)pyrene
Concen: 46.09 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF101109.D
Acq: 4 Dec 2017 20:16

Instrument :
BNA_F
ClientSampleId :
BSC-SB-04MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	10.8	9.8	14.6

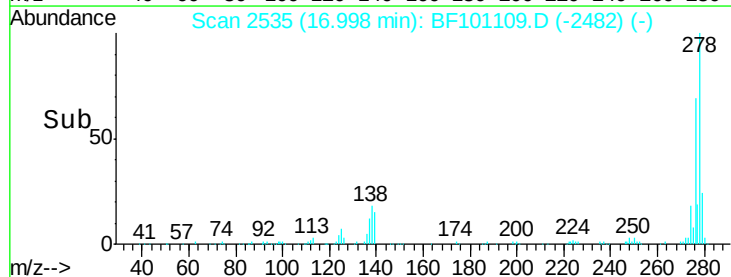
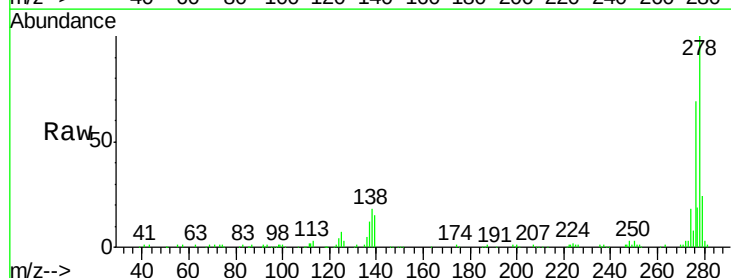
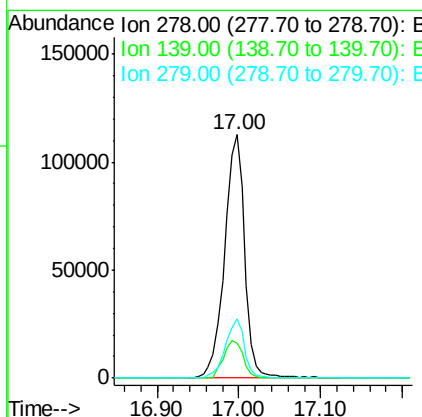
Manual Integrations
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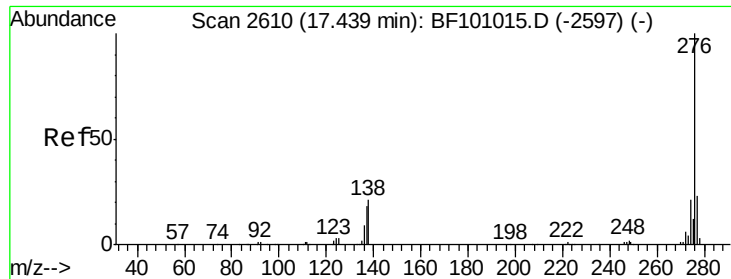
Sohil
12/5/2017 3:24:48 PM



#90
Dibenzo(a,h)anthracene
Concen: 38.36 ng
RT: 17.00 min Scan# 2535
Delta R.T. 0.01 min
Lab File: BF101109.D
Acq: 4 Dec 2017 20:16

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.5	15.9	23.9#
279	24.4	19.0	28.4





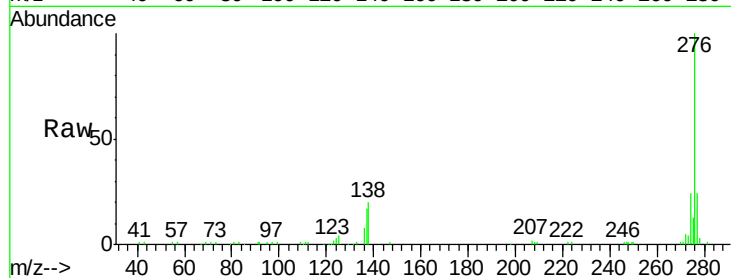
#91
 Benzo(a,h,i)perylene
 Concen: 37.22 ng
 RT: 17.44 min Scan# 2610
 Delta R.T. 0.01 min
 Lab File: BF101109.D
 Acq: 4 Dec 2017 20:16

Instrument :
 BNA_F
 ClientSampleId :
 BSC-SB-04MSD

Tot Ion:	276	Resp:	176316
Ion Ratio		Lower	Upper
276	100		
277	23.8	17.9	26.9
138	19.6	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 12/5/2017 3:24:48 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

